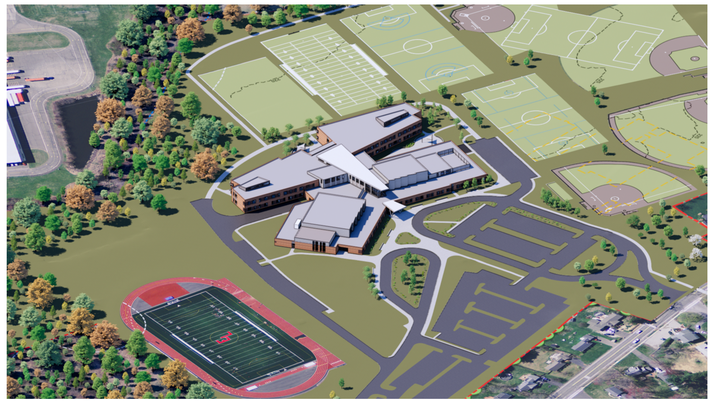
EAST LONGMEADOW HIGH SCHOOL RENOVATIONS & ADDITION



PROJECT GROSS SQUARE FOOTAGE			
	1ST FLOOR	2ND FLOOR	TOTAL:
DEMOLITION	151,935 SF	35,045 SF	186,980 SF
NEW CONSTRUCTION	140,665 SF	51,131 SF	191,796 SF

CODE SUMMARY:

CONTRUCTION TYPE 1B

APPLICABLE CODES:

780 CMR 10th Edition (Anticipated 2024)

Fire Prevention

527 CMR: Massachusetts Fire Prevention Regulations

M.G.L. Chapter 148 Section 26G – Sprinkler Protection

Accessibility

521 CMR: Massachusetts Architectural Access Board Regulations

2010 ADA Standards

Electrical

527 CMR 12.00: Massachusetts Electrical Code

Amended 2020 National Electrical Code

Elevators

524 CMR: Massachusetts Elevator Code

Amended ASME A17.1-2013/CSA B44-13

Mechanical

2015 International Mechanical Code (IMC)

Plumbing

248 CMR: Massachusetts Plumbing Code

Energy Conservation

225 CMR 22.00 and 2021 International Energy Conservation Code (IECC)

OWNER
TOWN OF EAST LONGMEADOW
180 MAPLE STREET
EAST LONGMEADOW, MA 01028
(413) 525-5450

FUNDING AGENCY
MASSACHUSETTS SCHOOL BUILDING AUTHORITY
40 BROAD STREET, SUITE 500
BOSTON, MA 02109
(617) 720-4466

OPM
SKANSKA
1350 MAIN STREET, SUITE 1209
SPRINGFIELD, MA 01103
(617) 275-6422

ARCHITECT
JONES WHITSETT ARCHITECTS
308 MAIN STREET
GREENFIELD, MA 01301
(413) 773-5551

ASSOCIATE ARCHITECT
SMMA
1000 MASSACHUSETTS AVE
CAMBRIDGE, MA 02138
(617) 547-5400

LANDSCAPE ARCHITECT/CIVIL
SMMA
1000 MASSACHUSETTS AVE
CAMBRIDGE, MA 02138
(617) 547-5400

FIRE PROTECTION, MECHANICAL, PLUMBING, ELCTRICAL
SMMA
1000 MASSACHUSETTS AVE
CAMBRIDGE, MA 02138
(617) 547-5400

STRUCTURAL
RSE
63 PLEASANT STREET, SUITE 300
WATERTOWN, MA 02472
(617) 926-9300

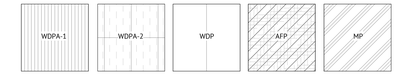
FOOD SERVICE
SCHIAVONE DESIGNS
112 SADDLE ROCK ROAD
HOLBROOK, NY 11741
(631) 403-4268

SECURITY
GOOD HARBOR TECHMARK, LLC
17 ACCORD PARK DRIVE, SUITE 201
NORWELL, MA 02061
(781) 871-6555

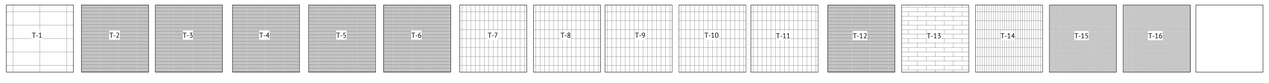
THEATER DESIGN
NEXTSTAGE DESIGN
900 CHAPEL STREET, 10TH FLOOR
NEW HAVEN, CT 06510
(203) 745-0457

ACOUSTICS
CAVANAUGH TOCCI ASSOCIATES INC.
327F BOSTON ROAD
SUDBURY, MA 01776
(978) 443-7871

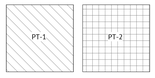
WALL FINISH



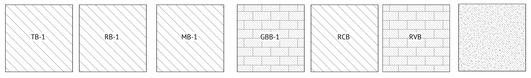
WALL TILE



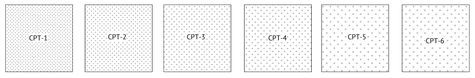
FLOOR TILE



BASE



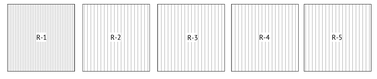
CARPET



LINOLEUM

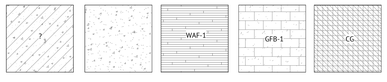


RUBBER



RUBBER STAIRS





COUNTERS



1 FINISHES LEGEND
1/4" = 1'-0"

DRAWING INDEX

TITLE
T100 - TITLE SHEET

LANDSCAPE
L01 - LANDSCAPE

CIVIL
C001 - OVERALL SITE PLAN
C101 - EXISTING CONDITIONS PLAN I
C102 - EXISTING CONDITIONS PLAN II
C103 - EXISTING CONDITIONS PLAN III
C111 - SITE PREPARATION PLAN I
C112 - SITE PREPARATION PLAN II
C113 - SITE PREPARATION PLAN III
C121 - LAYOUT & MATERIALS PLAN I
C122 - LAYOUT & MATERIALS PLAN II
C123 - LAYOUT & MATERIALS PLAN III
C131 - GRADING & DRAINAGE PLAN I
C132 - GRADING & DRAINAGE PLAN II
C133 - GRADING & DRAINAGE PLAN III
C141 - UTILITY PLAN I
C142 - UTILITY PLAN II
C143 - UTILITY PLAN III
C151 - PLANTING PLAN I
C152 - PLANTING PLAN II
C153 - PLANTING PLAN III

C501 - DETAILS I
C502 - DETAILS II
C503 - DETAILS III
C504 - DETAILS IV
C505 - DETAILS V
C506 - DETAILS VI
C507 - DETAILS VII
C508 - DETAILS VIII
C509 - DETAILS IX

C510 - DETAILS X
C511 - DETAILS XI
C512 - DETAILS XII
C513 - DETAILS XIII

GENERAL
G002 - WALL TYPES, ROOF TYPES & DETAILS
G060 - CODE COMPLIANCE - ENERGY ANALYSIS
G061 - CODE COMPLIANCE - ENERGY ANALYSIS - A WING
G062 - CODE COMPLIANCE - ENERGY ANALYSIS - B WING
G063 - CODE COMPLIANCE - ENERGY ANALYSIS - C SPINE
G064 - CODE COMPLIANCE - ENERGY ANALYSIS - D WING
G065 - CODE COMPLIANCE - ENERGY ANALYSIS - E WING
G066 - CODE COMPLIANCE - ENERGY ANALYSIS - DERATING MITIGATION

ARCHITECTURE
LS100 - LIFE SAFETY & CODE REVIEW

AD101 - LEVEL 1 - DEMO PLAN
AD102 - LEVEL 2 - DEMO PLAN
AD200 - DEMO EXTERIOR ELEVATIONS
AD201 - DEMO EXTERIOR ELEVATIONS

A001 - GENERAL NOTES
A002 - WALL TYPES & TYP. DETAILS
A100 - PHASING PLANS & MOCKUPS
A101 - LEVEL 1 PLAN - OVERALL
A101.1 - LEVEL 1 PLAN - A WING
A101.2 - LEVEL 1 PLAN - B WING
A101.3 - LEVEL 1 PLAN - C SPINE
A101.4 - LEVEL 1 PLAN - D WING
A101.5 - LEVEL 1 PLAN - E WING
A102 - LEVEL 2 PLAN - OVERALL
A102.1 - LEVEL 2 PLAN - A WING
A102.2 - LEVEL 2 PLAN - B WING
A102.3 - LEVEL 2 PLAN - C SPINE
A102.4 - LEVEL 2 PLAN - D WING
A102.5 - LEVEL 2 PLAN - E WING
A110 - ENLARGED PLANS - TYPICAL CLASSROOMS, LABS & STEM
A111 - ENLARGED PLANS- SPECIAL EDUCATION
A112 - ENLARGED PLANS- ART & VOCATIONAL
A113 - ENLARGED PLANS - MEDIA CENTER
A114 - ENLARGED PLANS - CAFETERIA A & B
A115 - ENLARGED PLANS - AUDITORIUM
A116 - ENLARGED PLANS - ADMIN & GUIDANCE
A117 - ENLARGED PLANS - DISTRICT OFFICES
A131 - LEVEL 1 REFLECTED CEILING PLAN - OVERALL
A131.1 - LEVEL 1 RCP - A WING
A131.2 - LEVEL 1 RCP - B WING
A131.3 - LEVEL 1 RCP - C SPINE
A131.4 - LEVEL 1 RCP - D WING
A131.5 - LEVEL 1 RCP - E WING
A132 - LEVEL 2 REFLECTED CEILING PLAN - OVERALL
A132.1 - LEVEL 2 RCP - A WING
A132.2 - LEVEL 2 RCP - B WING
A132.3 - LEVEL 2 RCP - C SPINE
A132.4 - LEVEL 2 RCP - D WING
A132.5 - LEVEL 2 RCP - E WING
A150 - CLERESTORY PLANS - C SOUTH, D & E WING
A160 - ROOF PLAN - OVERALL
A160.1 - ROOF PLAN - A WING
A160.2 - ROOF PLAN - B WING
A160.3 - ROOF PLAN - C SPINE
A160.4 - ROOF PLAN - D WING
A160.5 - ROOF PLAN - E WING

A200 - EXTERIOR ELEVATIONS - OVERALL
A201 - EXTERIOR ELEVATIONS - A WING
A202 - EXTERIOR ELEVATIONS - B WING
A203 - EXTERIOR ELEVATIONS - C SPINE
A204 - EXTERIOR ELEVATIONS - D WING
A205 - EXTERIOR ELEVATIONS - E WING

A301 - BUILDING SECTIONS - ARTS, FITNESS, AND EAST CLASSROOM WINGS
A302 - BUILDING SECTIONS - EAST AND WEST CLASSROOM WINGS
A303 - BUILDING SECTIONS - OVERALL
A310 - EXTERIOR WALL SECTIONS - A WING
A311 - EXTERIOR WALL SECTIONS - B WING
A312 - EXTERIOR WALL SECTIONS - C SPINE
A313 - EXTERIOR WALL SECTIONS - D & E WING
A341 - STAIR DETAILS - SPINE
A342 - STAIR DETAILS

A400 - INTERIOR ELEVATIONS- A WING CIRCULATION
A401 - INTERIOR ELEVATIONS- B WING CIRCULATION
A402 - INTERIOR ELEVATIONS- D WING CIRCULATION
A403 - INTERIOR ELEVATIONS - E WING CIRCULATION
A404 - INTERIOR ELEVATIONS- SPINE
A405 - INTERIOR ELEVATIONS SPINE
A406 - INTERIOR ELEVATIONS - A WING
A407 - INTERIOR ELEVATIONS - A WING
A408 - INTERIOR ELEVATIONS-AUDITORIUM
A409 - INTERIOR ELEVATIONS - B WING
A410 - INTERIOR ELEVATIONS - C WING CIRCULATION
A411 - INTERIOR ELEVATIONS - GYM
A412 - INTERIOR ELEVATIONS - GYM
A413 - INTERIOR ELEVATIONS- C WING
A414 - INTERIOR ELEVATIONS- D WING CLASSROOMS
A415 - INTERIOR ELEVATIONS - E WING
A416 - INTERIOR ELEVATIONS-2ND FLOOR D WING CIRCULATION
A417 - INTERIOR ELEVATIONS- MEDIA CENTER

DRAWING INDEX

A418 - INTERIOR ELEVATIONS - TYP CLASSROOMS & TEACHER PLANNING
A419 - INTERIOR ELEVATIONS- TYPICAL LABS AND PREP ROOMS
A420 - INTERIOR ELEVATIONS-2ND FLOOR E WING CIRCULATION
A460 - BATHROOMS
A461 - BATHROOMS
A464 - LOCKER ROOMS
A473 - INTERIOR SCHEDULES & DETAILS

A500 - DOOR SCHEDULE
A501 - DOOR LEGEND
A510 - WINDOW ELEVATIONS
A511 - WINDOW DETAILS
A520 - CURTAIN WALL ELEVATIONS
A521 - INTERIOR STOREFRONT ELEVATIONS

A600 - MANUFACTURED CASEWORK LEGEND

A700.1 - ROOM FINISH SCHEDULE
A700.2 - ROOM FINISH SCHEDULE
A701 - LEVEL 1 - FLOOR FINISH PLAN
A702 - LEVEL 2 - FLOOR FINISH PLAN

A801 - EDGE OF SLAB
A801.1 - EDGE OF SLAB - A WING
A801.2 - EDGE OF SLAB - B WING
A801.3 - EDGE OF SLAB - C SPINE
A801.4 - EDGE OF SLAB - D WING
A801.5 - EDGE OF SLAB - E WING
A900 - CONCESSIONS BUILDING

FOOD SERVICES
FS1.01 - MAIN KITCHEN FOOD SERVICE EQUIPMENT ARRANGEMENT PLAN LEVEL 1 PLAN - D WING
FS1.02 - MAIN KITCHEN FOOD SERVICE SCHEDULE EQUIPMENT LEVEL 1 PLAN - D WING

THEATRE
A/XT00 - COVER SHEET

XA101 - SCHEDULES AND DETAILS
XA111 - PLANS
XT301 - SCHEDULES
XT311 - FIRST FLOOR PLAN
XT312 - SECOND FLOOR PLAN
XT321 - CENTERLINE SECTION
XT401 - SCHEDULES
XT411 - PLAN
XT421 - CENTERLINE SECTION
XT501 - SCHEDULES
XT502 - SCHEDULES
XT503 - SCHEDULES
XT504 - SCHEDULES
XT511 - PLANS
XT531 - RISER DIAGRAM
XT532 - Unnamed

STRUCTURAL
S000 - GENERAL NOTES
S101.1 - FOUNDATION PLAN - A WING
S101.2 - FOUNDATION PLAN - B WING
S101.3 - FOUNDATION PLAN - C SPINE
S101.4 - FOUNDATION PLAN - D WING
S101.5 - FOUNDATION PLAN - E WING
S102.1 - SECOND FLOOR FRAMING PLAN - A WING
S102.2 - SECOND FLOOR FRAMING PLAN - B WING
S102.3 - SECOND FLOOR FRAMING PLAN - C SPINE
S102.4 - SECOND FLOOR FRAMING PLAN - D WING
S102.5 - SECOND FLOOR FRAMING PLAN - E WING
S103.1 - ROOF FRAMING PLAN - A WING
S103.2 - ROOF FRAMING PLAN - B WING
S103.3 - ROOF FRAMING PLAN - C SPINE
S103.4 - ROOF FRAMING PLAN - D WING
S103.5 - ROOF FRAMING PLAN - E WING
S104.1 - HIGH ROOF FRAMING PLAN - A WING
S104.2 - HIGH ROOF FRAMING PLAN - B WING
S104.3 - HIGH ROOF FRAMING PLAN - C SPINE
S104.4 - HIGH ROOF FRAMING PLAN - D WING
S104.5 - HIGH ROOF FRAMING PLAN - E WING
S200 - COLUMN SCHEDULE - A WING
S201 - COLUMN SCHEDULE - B & C WING
S203 - COLUMN SCHEDULE - D WING
S204 - COLUMN SCHEDULE - E WING
S205 - BRACED FRAME ELEVATIONS
S206 - BRACED FRAME ELEVATIONS
S207 - BRACED FRAME ELEVATIONS
S300 - TYPICAL DETAILS
S301 - TYPICAL DETAILS
S302 - TYPICAL DETAILS
S400 - SECTIONS AND DETAILS

FIRE PROTECTION
F001 - LEGEND, NOTES AND ABBREVIATIONS
F002 - SITE PLAN, SCHEDULES AND HYDRAULIC DATA
F101 - OVERALL FIRST FLOOR PLAN
F101.1 - LEVEL 1 CONSTRUCTION PLAN - A WING
F101.2 - LEVEL 1 CONSTRUCTION PLAN - B WING
F101.3 - LEVEL 1 CONSTRUCTION PLAN - C SPINE
F101.4 - LEVEL 1 CONSTRUCTION PLAN - D WING
F101.5 - LEVEL 1 CONSTRUCTION PLAN - E WING
F102.1 - LEVEL 2 CONSTRUCTION PLAN - A WING
F102.2 - LEVEL 2 CONSTRUCTION PLAN - B WING
F102.3 - LEVEL 2 CONSTRUCTION PLAN - C SPINE
F102.4 - LEVEL 2 CONSTRUCTION PLAN - D WING
F102.5 - LEVEL 2 CONSTRUCTION PLAN - E WING
F501 - DETAIL SHEETS 1
F502 - DETAIL SHEETS 2
F503 - DETAILS SHEETS 3
F900 - CONCESSIONS BUILDING

PLUMBING
P001 - LEGEND AND NOTES
P100.1 - UNDERSLAB PLAN - A WING
P100.2 - UNDERSLAB PLAN - B WING
P100.3 - UNDERSLAB PLAN - C SPINE
P100.4 - UNDERSLAB PLAN - D WING
P100.5 - UNDERSLAB PLAN - E WING
P101.1 - LEVEL 1 CONSTRUCTION PLAN - A WING
P101.2 - LEVEL 1 CONSTRUCTION PLAN - B WING
P101.3 - LEVEL 1 CONSTRUCTION PLAN - C SPINE
P101.4 - LEVEL 1 CONSTRUCTION PLAN - D WING
P101.5 - LEVEL 1 CONSTRUCTION PLAN - E WING
P102.1 - LEVEL 2 CONSTRUCTION PLAN - A WING
P102.2 - LEVEL 2 CONSTRUCTION PLAN - B WING
P102.3 - LEVEL 2 CONSTRUCTION PLAN - C SPINE
P102.4 - LEVEL 2 CONSTRUCTION PLAN - D WING
P102.5 - LEVEL 2 CONSTRUCTION PLAN - E WING
P103.1 - ROOF CONSTRUCTION PLAN - A WING
P103.2 - ROOF CONSTRUCTION PLAN - B WING
P103.3 - ROOF CONSTRUCTION PLAN - C SPINE
P103.4 - ROOF CONSTRUCTION PLAN - D WING
P103.5 - ROOF CONSTRUCTION PLAN - E WING
P401 - ENLARGED KITCHEN PART PLANS
P402 - KITCHEN DETAILS AND DIAGRAMS
P403 - PLUMBING SECTIONS
P411 - PLUMBING PART PLANS
P412 - PLUMBING PART PLANS
P413 - PLUMBING PART PLANS
P414 - PLUMBING PART PLANS
P501 - DETAILS SHEET 1
P502 - DETAILS SHEET 2

DRAWING INDEX

P503 - DETAILS SHEET 3
P601 - SCHEDULES
P701 - WATER RISER DIAGRAMS
P702 - WATER RISER DIAGRAMS
P711 - SANITARY AND VENT RISER DIAGRAMS
P712 - SANITARY AND VENT RISER DIAGRAMS
P721 - STORM WATER RISER DIAGRAMS
P722 - STORM WATER RISER DIAGRAMS
P900 - CONCESSIONS BUILDING

MECHANICAL
M001 - LEGEND
M101.1 - LEVEL 1 CONSTRUCTION PLAN - A WING
M101.2 - LEVEL 1 CONSTRUCTION PLAN - B WING
M101.3 - LEVEL 1 CONSTRUCTION PLAN - C SPINE
M101.4 - LEVEL 1 CONSTRUCTION PLAN - D WING
M101.5 - LEVEL 1 CONSTRUCTION PLAN - E WING
M102.1 - LEVEL 2 CONSTRUCTION PLAN - A WING
M102.2 - LEVEL 2 CONSTRUCTION PLAN - B WING
M102.3 - LEVEL 2 CONSTRUCTION PLAN - C SPINE
M102.4 - LEVEL 2 CONSTRUCTION PLAN - D WING
M102.5 - LEVEL 2 CONSTRUCTION PLAN - E WING
M103.1 - ROOF CONSTRUCTION PLAN - A WING
M103.2 - ROOF CONSTRUCTION PLAN - B WING
M103.3 - ROOF CONSTRUCTION PLAN - C SPINE
M103.4 - ROOF CONSTRUCTION PLAN - D WING
M103.5 - ROOF CONSTRUCTION PLAN - E WING
M501 - DETAILS
M502 - DETAILS
M503 - DETAILS
M504 - DETAILS
M505 - DETAILS
M601 - SCHEDULES
M602 - SCHEDULES
M701 - CONTROL DIAGRAMS
M702 - CONTROL DIAGRAMS
M703 - CONTROL DIAGRAMS
M704 - CONTROL DIAGRAMS
M705 - CONTROL DIAGRAMS
M706 - CONTROL DIAGRAMS

ELECTRICAL
E001 - SYMBOL LEGEND AND NOTES

ESD101 - ELECTRICAL SITE DEMOLITION PLAN

E101.1 - LEVEL 1 POWER AND FIRE ALARM PLAN - A WING
E101.2 - LEVEL 1 POWER AND FIRE ALARM PLAN - B WING
E101.3 - LEVEL 1 POWER AND FIRE ALARM PLAN - C SPINE
E101.4 - LEVEL 1 POWER AND FIRE ALARM PLAN - D WING
E101.5 - LEVEL 1 POWER AND FIRE ALARM PLAN - E WING
E102.1 - LEVEL 2 POWER AND FIRE ALARM PLAN - A WING
E102.2 - LEVEL 2 POWER AND FIRE ALARM PLAN - B WING
E102.3 - LEVEL 2 POWER AND FIRE ALARM PLAN - C SPINE
E102.4 - LEVEL 2 POWER AND FIRE ALARM PLAN - D WING
E102.5 - LEVEL 2 POWER AND FIRE ALARM PLAN - E WING
E160.1 - ROOF AND FIRE ALARM PLAN - A WING
E160.2 - ROOF AND FIRE ALARM PLAN - B WING
E160.3 - ROOF AND FIRE ALARM PLAN - C WING
E160.4 - ROOF AND FIRE ALARM PLAN - D WING
E160.5 - ROOF AND FIRE ALARM PLAN - E WING
E401 - ELECTRIC & IT ROOM PART PLANS
E402 - KITCHEN PART PLAN
E501 - ELECTRICAL DETAILS
E502 - ELECTRICAL DETAILS
E503 - TELECOMMUNICATION DETAILS
E900 - CONCESSIONS POWER AND FIRE ALARM PLAN
EF601 - FIRE ALARM RISER DIAGRAM AND DETAILS
EL101.1 - LEVEL 1 LIGHTING PLAN - A WING
EL101.2 - LEVEL 1 LIGHTING PLAN - B WING
EL101.3 - LEVEL 1 LIGHTING PLAN - C SPINE
EL101.4 - LEVEL 1 LIGHTING PLAN - D WING
EL101.5 - LEVEL 1 LIGHTING PLAN - E WING
EL102.1 - LEVEL 2 LIGHTING PLAN - A WING
EL102.2 - LEVEL 2 LIGHTING PLAN - B WING
EL102.3 - LEVEL 2 LIGHTING PLAN - C SPINE
EL102.4 - LEVEL 2 LIGHTING PLAN - D WING
EL102.5 - LEVEL 2 LIGHTING PLAN - E WING
EL501 - LIGHTING CONTROL DETAILS
EL601 - LIGHTING SCHEDULES
EL900 - CONCESSIONS LIGHTING PLAN
EP601A - POWER ONE-LINE DIAGRAM
EP601B - POWER ONE-LINE DIAGRAM
EP602 - POWER SCHEDULES
EP603 - PANEL SCHEDULES
EP604 - PANEL SCHEDULES
EP605 - PANEL SCHEDULES
EP606 - PANEL SCHEDULES
EP607 - PANEL SCHEDULES
EP608 - PANEL SCHEDULES
EP609 - PANEL SCHEDULES
EP610 - EQUIPMENT SCHEDULE II
EP611 - EQUIPMENT SCHEDULE II
ES101 - ELECTRICAL SITE PLAN
ES102 - ELECTRICAL SITE PLAN
ES501 - ELECTRICAL SITE DETAILS
ET601 - TELECOMMUNICATIONS RISER DIAGRAM

SECURITY
SE000 - SECURITY DEVICES SYSTEM COVER

SE100 - SITE SECURITY PLAN
SE101.1 - LEVEL 1 - A WING SECURITY PLAN
SE101.2 - LEVEL 1 - B WING SECURITY PLAN
SE101.3 - LEVEL 1 - C WING SECURITY PLAN
SE101.4 - LEVEL 1 - D WING SECURITY PLAN
SE101.5 - LEVEL 1 - E WING SECURITY PLANS
SE102.1 - LEVEL 2 - A WING SECURITY PLAN
SE102.2 - LEVEL 2 - B WING SECURITY PLAN
SE102.3 - LEVEL 2 - C WING SECURITY PLAN
SE102.4 - LEVEL 2 - D WING SECURITY PLAN
SE102.5 - LEVEL 2 - E WING SECURITY PLAN
SE103.1 - ROOF LEVEL - D WING SECURITY PLAN

SE111 - LEVEL 1 - SECURITY REFLECTED CEILING PLAN
SE112 - LEVEL 2 - SECURITY REFLECTED CEILING PLAN

AV
AV000 - AUDIO VISUAL SYSTEM NOTES AND SCHEDULES
AV001 - AUDIO VISUAL CONDUIT RISER DIAGRAMS
AV101.1 - AUDIO VISUAL PLAN-LEVEL 1- A WING
AV101.2 - AUDIO VISUAL PLAN-LEVEL 1- B WING
AV101.3 - AUDIO VISUAL PLAN-LEVEL 1- C SPINE
AV101.5 - AUDIO VISUAL PLAN-LEVEL 1- E WING
AV102.1 - AUDIO VISUAL PLAN-LEVEL 2- A WING
AV131.1 - AUDIO VISUAL RCP-LEVEL 1- A WING
AV131.2 - AUDIO VISUAL RCP-LEVEL 1- B WING
AV131.3 - AUDIO VISUAL RCP-LEVEL 1 & 2 - C SPINE
AV131.5 - AUDIO VISUAL RCP-LEVEL 1- E WING
AV160.1 - AUDIO VISUAL RCP-LEVEL 2- A WING
AV201 - AUDIO VISUAL SECTIONS - AUDITORIUM - A WING
AV700 - AUDIO VISUAL FUNCTIONAL DIAGRAM - KEYS AND NOTES
AV701 - AUDIO VISUAL FUNCTIONAL DIAGRAM - AUDITORIUM
AV702 - AUDIO VISUAL FUNCTIONAL DIAGRAM - AUDITORIUM
AV703 - AUDIO VISUAL FUNCTIONAL DIAGRAM - AUDITORIUM
AV704 - AUDIO VISUAL DIAGRAM - GYM
AV705 - AUDIO VISUAL DIAGRAM - LARGE GROUP SPACE, MUSIC CLASSROOM AND CAFETERIA

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com

SMMA

CONSULTANTS:

TITLE SHEET

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

T100

SEE INSET B - NORTHEAST SITE ENTRANCE
ON SHEETS: C-102, C-112, C-122, C-132, C-142, C-152

SEE SHEETS: C-101, C-111, C-121, C-131, C-141, C-151

SEE INSET A - ADDITIONAL ATHLETIC FIELDS
ON SHEETS: C-102, C-112, C-122, C-132, C-142, C-152

BANYC STREET
MAPLE STREET
MELWOOD AVENUE
BARRIE ROAD EAST
SUSAN STREET
NORDEN STREET
LORI LANE

N

GRAPHIC SCALE
80 0 40 80 160 320
(IN FEET)
1 inch = 80 ft.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

OVERALL SITE PLAN

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 100'
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-001

STORM DRAIN CATCH BASINS DATA

CB 1
RIM = 221.96
INV. OUT 8" RCP = 219.01
SUMP = 218.14

CB 2
RIM = 223.40
INV. IN 8" RCP = 218.5±
INV. OUT 10" RCP = 218.30
SUMP = 218.14

CB 3
RIM = 223.36
INV. IN 10" RCP = 217.76
INV. IN 24" RCP = 217.66
INV. OUT 24" RCP = 217.31
SUMP (ON DEBRIS) = 217.9±

CB 4
RIM = 218.84
INV. OUT 6" PVC = 216.79
SUMP = 214.97

CB 5
RIM = 220.95
INV. OUT 8" RCP (WITH HOOD) = 218.0±
SUMP = 215.55

CB 6
RIM = 220.89
INV. IN 8" RCP = 216.42
INV. OUT 10" RCP = 216.64
SUMP = 214.97

CB 7
RIM = 220.06
INV. OUT 8" RCP (WITH HOOD) = 217.2±
SUMP = 214.80

CB 8
RIM = 220.10
INV. IN 10" RCP = 216.07
INV. IN 8" RCP = 215.74
INV. OUT 12" RCP (WITH HOOD) = 216.2±
SUMP = 214.23

CB 9
RIM = 219.19
INV. OUT 8" RCP (WITH HOOD) = 216.7±
SUMP = 215.16

CB 10
RIM = 225.46
INV. OUT 10" RCP = 221.45
SUMP = 219.21

CB 11
RIM = 226.08
INV. IN 10" RCP = 221.18
INV. OUT 10" RCP = 220.98
SUMP = 219.05

CB 12
RIM = 223.98
INV. OUT 8" VC = 219.88
SUMP = 217.90

CB 13
RIM = 224.02
INV. OUT 8" VC = 219.5±
SUMP = 218.17

CB 14
RIM = 224.85
INV. IN 4" AC (Ny) = 222.66
INV. IN 4" AC (Wy) = 222.58
INV. IN 4" AC (Dy) = 222.48
INV. OUT 8" RCP (WITH HOOD) = 221.8±
SUMP = 221.27

CB 15
RIM = 224.80
INV. IN 4" AC (SWy) = 221.88
INV. IN 4" AC (NWy) = 221.87
INV. IN 4" AC (Dy) = 222.14
INV. OUT 8" RCP (WITH HOOD) = 221.7±
SUMP = 220.92

CB 16
RIM = 238.32
INV. OUT 10" RCP (WITH HOOD) = 233.8±
SUMP = 233.42

CB 17
RIM = 224.43
INV. OUT 8" RCP = 219.97
SUMP = 217.77

CB 18
RIM = 224.62
INV. OUT 8" RCP = 219.73
SUMP = 218.67

CB 19
RIM = 224.01
INV. IN 8" HDPE = 222.26
INV. OUT 8" PVC = 220.05
SUMP = 219.91

CB 20
RIM = 222.39
INV. OUT 10" AC = 219.19
SUMP = 215.93

CB 21
RIM = 222.57
INV. IN 10" AC = 219.05
INV. OUT 10" AC = 218.99
SUMP = 217.62

CB 22
RIM = 222.98
INV. IN 10" AC = 218.49
INV. OUT 10" AC = 218.52
SUMP = 216.42

CB 23
RIM = 223.47
INV. OUT 4" AC = 220.57
SUMP = 219.65

CB 24
RIM = 222.27
INV. OUT 8" RCP (WITH HOOD) = 218.1±
SUMP = 218.2 (ON SILT)

CB 25
RIM = 222.53
INV. OUT 8" PVC = 218.23
SUMP = 216.03

CB 26
RIM = 222.44
INV. OUT 8" PVC = 219.94
SUMP = 217.36

CB 27
RIM = 240.21
INV. OUT 10" RCP = 235.20
SUMP = 235.16

CB 28
RIM = 240.45
INV. IN 10" RCP = 234.75
INV. OUT 12" RCP = 234.40
SUMP = 234.30

CB 29
RIM = 232.69
INV. IN 10" RCP = 228.06
INV. OUT 12" RCP = 227.49
SUMP = 226.94

CB 30
RIM = 231.97
INV. IN 12" RCP = 227.05
INV. OUT 12" RCP = 226.96
SUMP = 225.67

CB 31
RIM = 228.27
INV. OUT 10" RCP = 223.9± (SILT)
SUMP = 224.26

CB 32
RIM = 228.78
INV. IN 10" RCP = 224.03
INV. IN 15" RCP = 222.76
INV. OUT 15" RCP = 222.6± (DEBRIS)
SUMP = 222.6±

STORM DRAIN MANHOLES DATA

DMH 1
RIM = 223.42
INV. IN 24" RCP = 217.52
INV. OUT 24" RCP = 217.44
SUMP = 215.87

DMH 2
RIM = 220.03
INV. IN 8" RCP = 215.88
INV. IN 12" RCP = 215.88
INV. OUT 15" RCP = 215.77
SUMP = 215.77

DMH 3
RIM = 219.08
INV. IN 8" RCP = 216.50
INV. IN 24" RCP = 215.77
INV. OUT 24" RCP = 215.63
INV. OUT 24" RCP = 215.65
SUMP = 215.68

DMH 4
RIM = 220.11
INV. IN 24" RCP = 215.26
INV. OUT 24" HDPE = 215.23
SUMP = 215.01

DMH 5
RIM = 220.94
INV. IN 24" HDPE = 215.15
INV. OUT 24" HDPE = 215.09
SUMP = 214.88

DMH 6
RIM = 219.48
INV. IN 24" HDPE = 213.36
INV. OUT 24" HDPE = 213.36
SUMP = 213.13

DMH 7
RIM = 219.53
INV. IN 12" HDPE = 213.24
INV. IN 24" HDPE = 213.04
INV. OUT 24" RCP = 213.17
SUMP = 212.78

DMH 8
RIM = 224.47
INV. IN 8" RCP = 218.37
INV. IN 10" AC = 217.44
INV. OUT 10" RCP = 217.46
SUMP = 217.45

DMH 9
RIM = 223.53
INV. IN 4" AC = 219.48
INV. IN 8" RCP = 217.77
INV. IN 10" RCP (Wy) = 217.07
INV. IN 10" RCP (Ny) = 216.32
INV. OUT 12" RCP = 216.32
SUMP = 216.25

DMH 10
RIM = 223.73
INV. IN 10" AC = 217.87
INV. IN 8" PVC = 217.84
INV. IN 8" RCP (Sy) = 217.77
INV. IN 8" RCP (Ny) = 215.88
INV. OUT 15" RCP = 215.57
INV. OUT 15" RCP = 215.53
SUMP = 215.26

DMH 11
RIM = 224.64
INV. IN 8" VC = 219.6
INV. IN 15" RCP = 214.8
INV. OUT 15" RCP = 214.6
SUMP = 214.69

DMH 12
RIM = 221.32
INV. IN 15" RCP (DMH 19) = 214.35
INV. IN 15" RCP (DMH 11) = 214.40
INV. OUT 21" RCP = 214.15

DMH 13
RIM = 220.63
INV. IN 21" RCP = 213.67
INV. OUT 21" RCP = 213.6
SUMP = 213.58

DMH 14
RIM = 224.45
INV. IN 8" AC = 220.63
INV. IN 8" RCP = 219.12
INV. IN 8" PVC = 219.11
INV. OUT 10" RCP = 218.10
SUMP = 217.97

DMH 15
RIM = 224.39
INV. IN 10" RCP (Wy) = 220.02
INV. IN 8" RCP (Wy) = 219.89
INV. IN 8" RCP (Ny) = 219.87
INV. IN 8" RCP (Sy) = 219.85
INV. IN 8" RCP (SWy) = 218.19
INV. IN 10" RCP (Wy) = 217.51
INV. OUT 12" RCP = 217.49
SUMP = 217.3

DMH 16
RIM = 226.06
INV. IN 8" RCP (Sy) = 220.32
INV. IN 8" RCP (Dy)= 217.72
INV. IN 12" RCP = 217.55
INV. OUT 12" RCP = 217.05

DMH 17
RIM = 224.27
INV. IN 10" RCP = 219.69
INV. IN 8" VC (Sy) = 219.65
INV. IN 8" VC (Dy) = 219.62
INV. IN 8" VC (SWy) = 217.14
INV. IN 12" RCP = 216.52
INV. OUT 12" RCP = 216.52

DMH 18
RIM = 224.56
INV. IN 12" RCP = 215.26
INV. OUT 12" RCP = 215.06
SUMP = 214.86

DMH 19
RIM = 224.65
INV. IN 8" VC = 220.45
INV. IN 12" RCP = 214.51
INV. OUT 15" RCP = 214.70
SUMP = 214.35

DMH 20
RIM = 233.47
INV. IN 12" RCP (Wy) = 226.95
INV. IN 12" RCP (Wy) = 226.81
INV. OUT 15" RCP = 226.57
SUMP = 225.77

SANITARY SEWER STRUCTURES DATA*

SMH 1
RIM = 224.47
INV. IN 4" AC = 221.55
INV. OUT 8" AC = 221.65
TOP OF SHELF = 222.07

SMH 2
RIM = 225.05
TOP OF "COLLECTOR"
FOR THREE PIPES = 222.53
INV. IN 2" PVC = 222.1± (CLOGGED)
INV. IN 3" PVC = 221.7± (CLOGGED)
INV. OUT 4" PVC = 221.7± (CLOGGED)
SUMP = 219.19

SMH 3
RIM = 224.32
INV. IN 6" AC (SMH 1) = 221.1± (CLOGGED)
INV. IN 8" ACT (SMH 2) = 220.88
INV. OUT 8" AC = 220.74

SMH 4
RIM = 225.03
INV. IN 4" AC = 220.01
INV. IN 8" AC = 219.80
INV. OUT 8" AC = 219.79
TOP OF SHELF = 220.13

SMH 5
RIM = 224.09
INV. IN 4" AC = 219.1
INV. IN 8" AC = 219.19
INV. OUT 8" AC = 219.17
TOP OF SHELF = 219.53

SMH 6
RIM = 224.87
INV. IN 8" AC = 218.58
INV. IN 8" AC = 217.9± (CLOGGED)
INV. OUT 8" AC = 217.9
TOP OF SHELF = 218.47

SMH 7
RIM = 224.96
INV. IN 8" AC = 218.28
INV. IN 8" AC = 217.4± (CLOGGED)
INV. OUT 8" AC = 217.37

SMH 8
RIM = 224.96
INV. IN 4" CI = 222.35
INV. OUT 8" AC = 220.60

SMH 9
RIM = 224.50
INV. IN 4" CI = 219.61
INV. IN 8" AC = 219.08
INV. OUT 8" AC = 219.15
TOP OF SHELF = 219.40

SMH 10
RIM = 225.34
INV. IN 8" AC (SMH 7) = 216.69
INV. IN 8" AC (SMH 9) = 216.75
INV. OUT 8" PVC = 216.64
TOP OF SHELF = 217.33

SMH 11
RIM = 224.95
INV. IN 8" PVC = 215.05
INV. OUT 8" PVC = 214.94
TOP OF SHELF = 215.55

SMH 12
RIM = 224.31
INV. IN 8" PVC = 214.69
INV. OUT 8" PVC = 214.45
TOP OF SHELF = 215.27

SMH 13
RIM = 229.17
INV. IN 8" PVC = 213.78
INV. OUT 8" PVC = 213.76
TOP OF SHELF = 214.29

SMH 14
RIM = 225.51
INV. IN 8" PVC = 212.86
INV. OUT 8" PVC = 212.69
TOP OF SHELF = 213.38

SMH 15
RIM = 223.58
INV. IN 8" PVC = 212.25
INV. OUT 8" AC = 212.27
TOP OF SHELF = 212.79

SMH 16
RIM = 221.97
INV. IN 8" AC = 212.16
INV. OUT 8" AC = 212.26
TOP OF SHELF = 212.71

SMH 17
RIM = 221.20
INV. IN 8" AC = 213.3±
INV. OUT 8" AC = 213.28
TOP OF SHELF = 213.69

SMH 18
RIM = 218.41
INV. IN 8" AC (SEy) = 211.67
INV. IN 8" AC (NEy) = 208.53
INV. IN 8" AC (Ny) = 208.31
INV. OUT 8" AC = 208.31
TOP OF SHELF = 208.80

SMH 19
RIM = 211.82
INV. IN 8" AC = 205.51
INV. OUT 8" AC = 203.18
TOP OF SHELF = 203.5

SMH 20
RIM = 241.87
INV. IN 4" VC = 237.05
INV. IN 8" VC TROUGH = 235.77
TOP OF SHELF = 236.19

SMH 21
RIM = 233.08
INV. IN 8" VC (NYy) = 225.93
INV. IN 8" VC (WYy) = 226.33
INV. OUT 8" VC = 223.84
TOP OF SHELF = 224.23

SMH 22
RIM = 229.70
INV. IN 8" VC TROUGH = 224.62 (DRY)
TOP OF SHELF = 224.96

SMH 23
RIM = 233.18
INV. IN 8" VC (NYy) = 224.56
INV. IN 8" VC (SYy) = 223.47
INV. IN 8" VC TROUGH = 223.38
TOP OF SHELF = 223.73

* SEE NOTE 5

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

NOTES:

1. FOR REFERENCE TO ENCLOSED PERIMETER SEE BOOK 2600, PAGE 313. THE OWNER IS THE TOWN OF EAST LONGMEADOW. THE AREA = 62.72 ACRES±.

2. CONTOURS AND ELEVATIONS SHOWN HEREON ARE BASED UPON:

HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83). MASSACHUSETTS STATE PLANE, MAINLAND ZONE, U.S. FEET, COORDINATE SYSTEM.

VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

TOPOGRAPHIC MAPPING BY BLUESKY GEOSPATIAL LTD, 808 STATE ROAD, NORTH ADAMS, MA 01247. ADDITIONAL TOPOGRAHIC MAPPING BY HERITAGE LAND SURVEYING AND ENGINEERING, INC., PERFORMED DECEMBER 2023 AND JANUARY 2024, INCORPORATED HEREON.

3. WETLAND BOUNDARIES SHOWN HEREON WERE DELINEATED ON OCTOBER 19, 2022 BY GZA GEOENVIRONMENTAL, INC., 1350 MAIN STREET, SUITE 1400, SPRINGFIELD, MA 01103.

4. UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED UPON SURFACE FEATURES AS LOCATED BY SURVEY AND AVAILABLE RECORD DATA, AND ARE APPROXIMATE. ACTUAL LOCATIONS SHOULD BE VERIFIED WITH THE APPROPRIATE UTILITY COMPANY AND/OR MUNICIPAL DEPARTMENT PRIOR TO FINAL DESIGN AND/OR CONSTRUCTION.

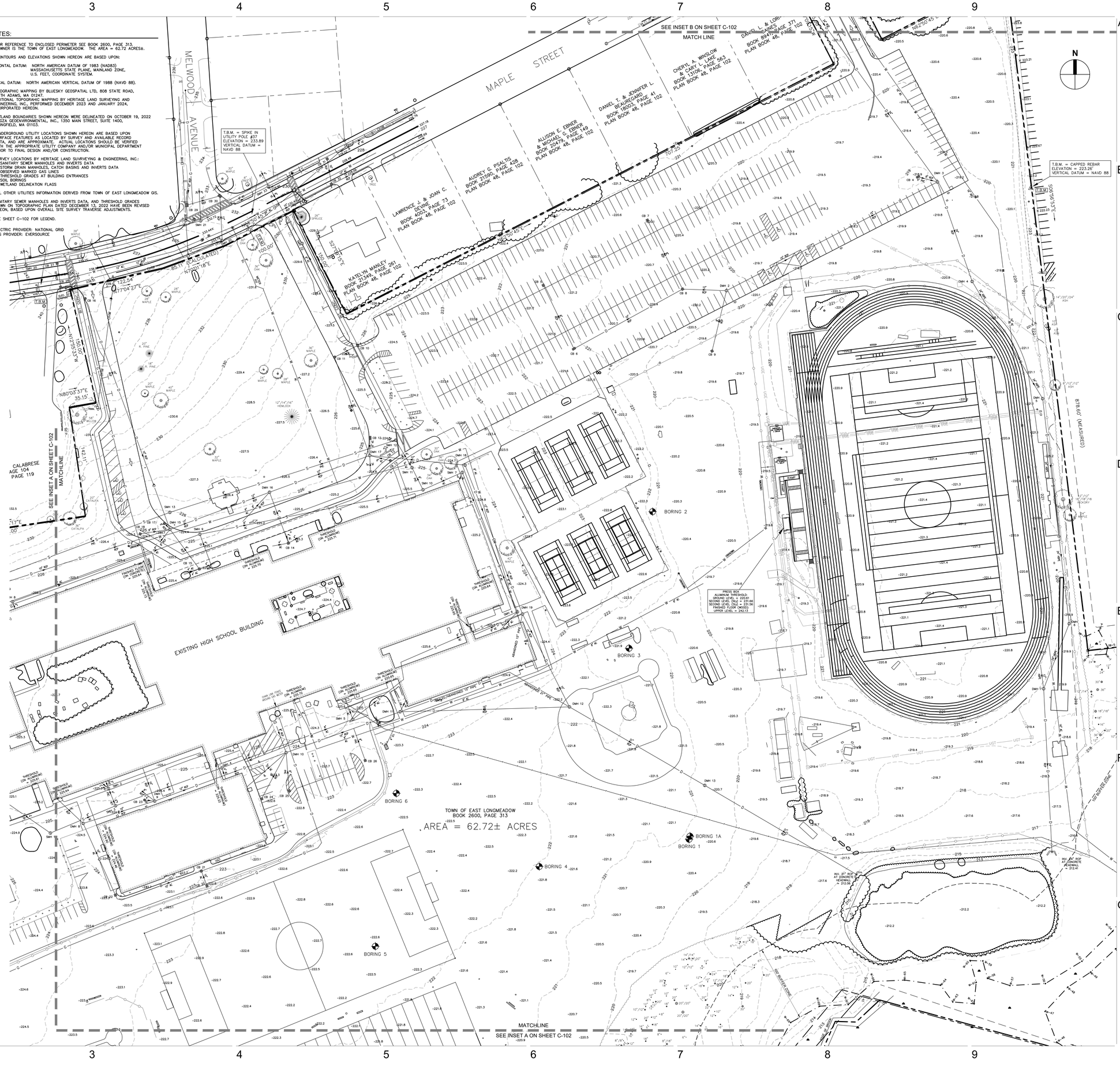
SURVEY LOCATIONS BY HERITAGE LAND SURVEYING & ENGINEERING, INC.:
- SANITARY SEWER MANHOLES AND INVERTS DATA
- STORM DRAIN MANHOLES, CATCH BASINS AND INVERTS DATA
- OBSERVED MARKED GAS LINES
- THRESHOLD GRADES AT BUILDING ENTRANCES
- SOIL BORINGS
- WETLAND DELINEATION FLAGS

ALL OTHER UTILITIES INFORMATION DERIVED FROM TOWN OF EAST LONGMEADOW GIS.

5. SANITARY SEWER MANHOLES AND INVERTS DATA, AND THRESHOLD GRADES SHOWN ON TOPOGRAPHIC PLAN DATED DECEMBER 13, 2022 HAVE BEEN REVISED HEREON, BASED UPON OVERALL SITE SURVEY TRAVERSE ADJUSTMENTS.

6. SEE SHEET C-102 FOR LEGEND.

7. ELECTRIC PROVIDER: NATIONAL GRID
GAS PROVIDER: EVERSOURCE



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EXISTING CONDITIONS PLAN I

EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

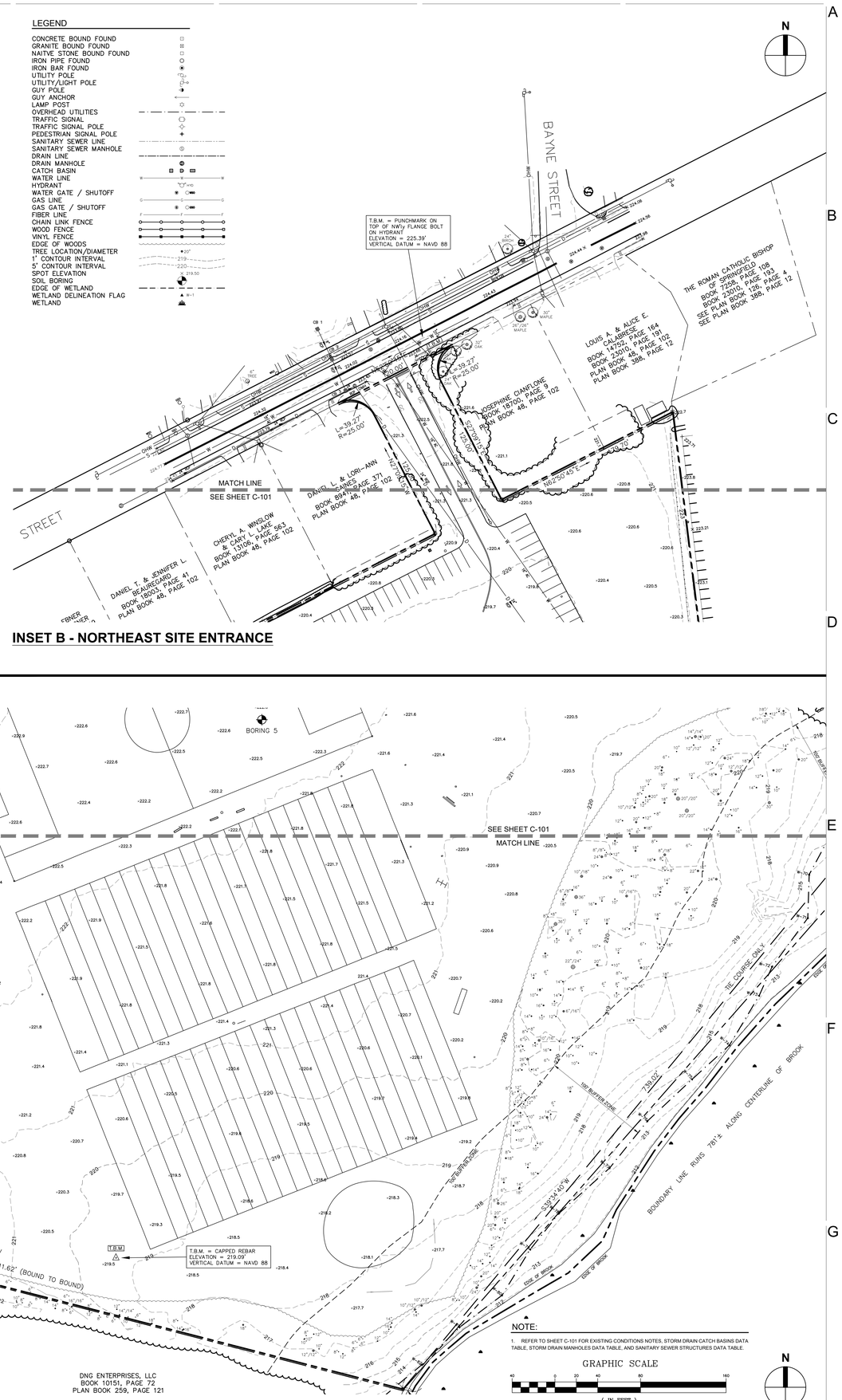
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	CJR/ECV
REVISIONS:	

DD SET

C-101



INSET A - ADDITIONAL ATHLETIC FIELDS



INSET B - NORTHEAST SITE ENTRANCE

NOTE:

1. REFER TO SHEET C-101 FOR EXISTING CONDITIONS NOTES, STORM DRAIN CATCH BASINS DATA TABLE, STORM DRAIN MANHOLES DATA TABLE, AND SANITARY SEWER STRUCTURES DATA TABLE.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EXISTING CONDITIONS PLAN II

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	CJR/EV
REVISIONS:	

DD SET

C-102

EROSION CONTROL NOTES - GENERAL:

1. CONFORM TO CONDITIONS LISTED IN THE ORDER OF CONDITIONS ISSUED FOR THIS PROJECT. A COPY OF THE ORDER OF CONDITIONS IS TO BE KEPT ON-SITE.
2. CONFORM TO CONDITIONS OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND THE NPDES GENERAL PERMIT. A COPY OF THE SWPPP IS TO BE KEPT ON-SITE.
3. INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY SITEWORK OR EARTHWORK OPERATIONS, OR AS REQUIRED BY THE ORDER OF CONDITIONS (WHICHEVER IS GREATER) AND MAINTAIN THROUGHOUT CONSTRUCTION. MEASURES ARE TO REMAIN IN PLACE UNTIL SITEWORK IS COMPLETE AND GROUNDCOVER IS ESTABLISHED, AS DETERMINED BY THE ARCHITECT.
4. NOTIFY THE MASS DEP WESTERN REGIONAL OFFICE AND THE EAST LONGMEADOW CONSERVATION COMMISSION, IN WRITING, 48 HOURS BEFORE ANY ACTIVITY COMMENCES ON THE PROJECT SITE, OR AS REQUIRED BY THE ORDER OF CONDITIONS (WHICHEVER IS GREATER). DO NOT COMMENCE EARTH MOVING OR TREE REMOVAL PRIOR TO APPROVAL OF EROSION CONTROL MEASURES BY THE CONSERVATION COMMISSION.
5. SUBMIT A NPDES APPLICATION TO THE EPA AT LEAST 14 DAYS PRIOR TO THE COMMENCEMENT OF ANY SITEWORK OR EARTHWORK OPERATIONS. SUBMIT PROOF OF APPLICATION FOR A NPDES GENERAL PERMIT TO THE ARCHITECT AND OWNER PRIOR TO THE COMMENCEMENT OF ANY SITEWORK.
6. NOTIFY THE CONSERVATION COMMISSION __ DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES WITHIN THE WETLANDS BUFFER ZONE, OR AS REQUIRED BY THE ORDER OF CONDITIONS (WHICHEVER IS GREATER). DELINEATE THE LIMIT OF WORK AND FLAG TREES TO BE REMOVED FOR REVIEW BY THE COMMISSION.
7. INSTALL TEMPORARY CONSTRUCTION ENTRANCES PER DETAIL AT LOCATIONS INDICATED. RELOCATE AND MAINTAIN AS NECESSARY DURING CONSTRUCTION.
8. SURROUND SOIL STOCKPILES ON THEIR PERIMETERS WITH STAKED COMPOST SOCKS AND SILT FENCES TO CONTROL EROSION. MAINTAIN THROUGHOUT CONSTRUCTION.
9. STABILIZE SOIL STOCKPILES AND EXPOSED SOIL AREAS WHERE CONSTRUCTION ACTIVITIES WILL CEASE FOR 14 DAYS OR MORE, IN ACCORDANCE WITH THE NPDES GENERAL PERMIT.
10. PERFORM EARTHWORK ACTIVITIES ON THE SITE IN A MANNER SUCH THAT RUNOFF IS DIRECTED TO TEMPORARY DRAINAGE SWALES AND TEMPORARY SEDIMENTATION BASINS. TEMPORARY DRAINAGE FEATURES ARE TO BE ADJUSTED AND RELOCATED AS NECESSARY THROUGHOUT CONSTRUCTION.
11. EXCAVATIONS FOR PERMANENT STORMWATER FACILITIES MAY BE USED AS TEMPORARY SEDIMENTATION BASINS THROUGHOUT CONSTRUCTION AND ARE TO BE PERIODICALLY CLEANED DURING CONSTRUCTION. AT THE END OF CONSTRUCTION, CLEAN THESE EXCAVATED AREAS, INCLUDING SILT-LADEN LAYERS OF SOIL AND MUCK DEPOSITS, PRIOR TO FINALIZING FOR PERMANENT FACILITIES. ADDITIONAL TEMPORARY SEDIMENTATION BASINS ARE TO BE CONSTRUCTED AND USED THROUGHOUT THE SITE AS NECESSARY TO CONTROL RUNOFF DURING CONSTRUCTION.
12. CONSTRUCT TEMPORARY SEDIMENTATION BASINS TO CONTAIN A VOLUME OF RUNOFF EQUAL TO THE RESULTANT VOLUME OF RUNOFF FROM A 2-YEAR, 24-HOUR STORM EVENT FOR THE AREA THAT IS TRIBUTARY TO THE BASIN. BASIN OUTLINES SHOWN ON PLANS ARE APPROXIMATIONS ONLY. ADJUST LOCATIONS AND SIZES OF BASINS AS NECESSARY THROUGHOUT CONSTRUCTION TO STORE TRIBUTARY VOLUMES.
13. CONSTRUCT THE DRAINAGE SYSTEM, INCLUDING ANY BASINS OR SUBSURFACE FACILITIES, DURING THE INITIAL PHASE OF THE PROJECT (TO THE EXTENT PRACTICAL) SO IT IS FUNCTIONAL DURING CONSTRUCTION. KEEP STRUCTURES FREE OF SILT AND DEBRIS TO ENSURE THEIR PROPER OPERATION.
14. INSTALL SEDIMENT BAGS AT EXISTING AND PROPOSED CATCH BASIN GRATES AND USE SUPPLEMENTAL STAKED COMPOST SOCKS AT CATCH BASINS IN EXPOSED SOIL AREAS, AND AS INDICATED ON THE PLANS. PROTECT EXPOSED CULVERT AND PIPE INLETS AND OUTFALLS WITH COMPOST SOCKS OR SECURED FILTER FABRIC. MAINTAIN THESE MEASURES UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
15. DEWATERING REQUIRED DURING CONSTRUCTION IS TO BE DISCHARGED INTO A TEMPORARY SEDIMENTATION BASIN, FRACTIONATION TANK, OR OTHER APPROVED DEVICE. DO NOT DISCHARGE DIRECTLY INTO THE PIPED STORM DRAIN SYSTEM OR RESOURCE AREA.
16. SOIL STOCKPILING, RE-FUELING OF EQUIPMENT, AND STORAGE OF MACHINERY AND EQUIPMENT IS NOT ALLOWED WITHIN RESOURCE AREAS, INCLUDING THE 100-FOOT WETLAND BUFFER ZONES.
17. PERFORM TURBIDITY MONITORING AND REPORTING OF DEWATERING DISCHARGES AT APPLICABLE DISCHARGE POINTS, AS REQUIRED AND IN ACCORDANCE WITH THE NPDES GENERAL PERMIT.
18. KEEP ON SITE AT ALL TIMES: 50 LF RESERVE OF COMPOST SOCK (MINIMUM), 50 LF RESERVE OF SILT FENCE WITH STAKES (MINIMUM), ADDITIONAL EROSION CONTROL BLANKETS, STONE RIP-RAP, AND OTHER EROSION CONTROL DEVICES USED DURING CONSTRUCTION. THESE ARE TO BE INSTALLED AS NEEDED AND AT THE DIRECTION OF THE ARCHITECT OR THE CONSERVATION COMMISSION, TO MITIGATE AN EMERGENCY CONDITION. PROVIDE ADDITIONAL QUANTITIES IF REQUIRED BY THE ORDER OF CONDITIONS.

EROSION CONTROL NOTES - MAINTENANCE:

DURING THE PERIOD OF CONSTRUCTION AND UNTIL LONG TERM VEGETATION IS ESTABLISHED:

1. INSPECT EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING SEDIMENTATION BASINS AND SWALES, AT LEAST ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF A 0.25-INCH OR GREATER STORM EVENT. REFER TO THE SWPPP FOR ADDITIONAL INFORMATION.
2. REPLACE OR REPAIR EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED. REMOVE SEDIMENT WHEN IT HAS ACCUMULATED TO 1/2 THE DESIGN HEIGHT OR CAPACITY OF THE MEASURE. REFER TO THE SWPPP FOR ADDITIONAL INFORMATION.
3. MAINTAIN THE ENTRANCES AND EXITS FROM THE SITE IN A CONDITION THAT PREVENTS TRACKING OR FLOWING OF SEDIMENT INTO THE PRIVATE OR PUBLIC WAY. SEDIMENT THAT IS TRACKED, SPILLED, OR WASHED INTO THESE WAYS, IS TO BE REMOVED BY THE CONTRACTOR IMMEDIATELY.
4. CATCH BASINS, OUTLET CONTROL STRUCTURES, AND WATER QUALITY UNITS ARE TO BE INSPECTED AT LEAST EIGHT TIMES PER YEAR, DURING CONSTRUCTION, AND CLEANED OF SEDIMENT IF OVER SIX INCHES DEEP. ADDITIONALLY, CLEAN THESE STRUCTURES AT THE END OF CONSTRUCTION.

UTILITIES AND DEMOLITION NOTES:

1. PRIOR TO CONSTRUCTION, VERIFY EXISTING UTILITY LOCATIONS AS SHOWN ON THE DRAWINGS. CONTACT THE ARCHITECT FOR DIRECTION REGARDING ANY DISCREPANCIES OR UNDOCUMENTED UTILITIES ENCOUNTERED DURING CONSTRUCTION, PRIOR TO ALTERING THE UTILITY IN ANY WAY.
2. CONTACT THE APPROPRIATE UTILITY COMPANY AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. NOTIFY THE ARCHITECT OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION.
3. MAINTAIN FUNCTIONING UTILITIES AND NOTIFY THE OWNER AND ARCHITECT A MINIMUM OF 5 DAYS PRIOR TO ANY UTILITY SERVICE INTERRUPTION. OBTAIN APPROVAL TO PROCEED PRIOR TO INTERRUPTION.
4. REMOVE ONLY THE EXISTING UTILITIES THAT ARE SPECIFICALLY DESIGNATED ON THIS PLAN TO BE REMOVED. EXISTING UTILITIES NOT DESIGNATED FOR REMOVAL ARE TO REMAIN UNDISTURBED AND PROTECTED AS NECESSARY DURING CONSTRUCTION. UTILITY PIPES DESIGNATED TO BE CAPPED SHALL BE PERMANENTLY PLUGGED AT THEIR ENDS WITH WATERTIGHT BRICK MASONRY OR CEMENT MORTAR WITH A MINIMUM THICKNESS OF 8", OR AN APPROVED MECHANICAL CAP.
5. REMOVE ONLY THE EXISTING SITE FEATURES THAT ARE SPECIFICALLY DESIGNATED ON THIS PLAN TO BE REMOVED. EXISTING SITE FEATURES AND AREAS NOT DESIGNATED FOR REMOVAL ARE TO REMAIN UNDISTURBED AND PROTECTED AS NECESSARY DURING CONSTRUCTION.
6. CAREFULLY REMOVE, STORE, AND PROTECT ITEMS DESIGNATED TO BE SALVAGED IN A DEDICATED LOCATION UNTIL DELIVERED TO THE OWNER OR RE-INSTALLED ON-SITE. DELIVERY TO OWNER INCLUDES TRANSPORTING WITHIN 5 MILES OF THE PROJECT SITE.
7. PROTECT EXISTING TREES AND VEGETATION DURING CONSTRUCTION, EXCEPT FOR THOSE ITEMS OR AREAS SPECIFICALLY DESIGNATED ON THIS PLAN TO BE REMOVED. INSTALL TREE PROTECTION PER DETAIL AT LOCATIONS INDICATED. REPLACE OR PROVIDE COMPENSATION FOR TREES DAMAGED OR DECEASED AS A RESULT OF CONSTRUCTION ACTIVITIES THAT WERE DESIGNATED TO BE PROTECTED.
8. CONTACT ARCHITECT TO REVIEW LIMITS OF TREE REMOVAL PRIOR TO PERFORMING ANY REMOVAL.
9. FURNISH AND INSTALL TEMPORARY DRAINAGE, WATER, SEWER, GAS, ELECTRICAL, AND TELECOMMUNICATION UTILITIES DESIGNATED ON THIS PLAN AND AS REQUIRED, PRIOR TO REMOVAL OF EXISTING FUNCTIONING UTILITY. MAINTAIN TEMPORARY UTILITIES THROUGHOUT CONSTRUCTION AND PROTECT AS NECESSARY. REMOVE UTILITIES ONCE PERMANENT UTILITIES ARE FUNCTIONAL, OR WHEN TEMPORARY SERVICE IS NO LONGER REQUIRED.
10. REMOVE AND DISPOSE OF DEMOLISHED MATERIALS NOT DESIGNATED FOR SALVAGE OR STOCKPILE. DISPOSE OF OFF-SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS.
11. ADJUST TEMPORARY FENCING AS REQUIRED THROUGHOUT CONSTRUCTION. REPAIR OR REPLACE DAMAGED SECTIONS IMMEDIATELY UPON OBSERVATION.
12. NO WORK SHALL BE CONDUCTED BEYOND THE PROPERTY LINE UNLESS SPECIFICALLY INDICATED ON THESE PLANS.
13. ESTABLISH AND MAINTAINING CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE CONSTRUCTION OF THE PROJECT.

EROSION CONTROL NOTES - SITE PREPERATION QUANTITIES:

ENABLING

1. PROVIDE 8,150 LF OF 6-FOOT TALL CONSTRUCT FENCING. INCLUDE EIGHT 20-FOOT WIDE GATE LOCATIONS.
2. PROVIDE 50 TEMPORARY TRAFFIC AND PARKING RELATED SIGNS.
3. PROVIDE 2,500 SF OF TEMPORARY ASPHALT BINDER PAVEMENT, 2" THICK, WITH STRIPING FOR PARKING AND DIRECTIONAL MARKINGS.

PHASE 1

1. PROVIDE AN ADDITIONAL 2,500 LF OF 6-FOOT TALL CONSTRUCTION FENCING, AND AN ADDITIONAL TWO 20-FOOT WIDE GATE LOCATIONS.
2. PROVIDE AN ADDITIONAL 2,000 LF OF EROSION CONTROL BARRIER CONSISTING OF 12-INCH STAKED WATTLES.
3. PROVIDE 20 ADDITIONAL TEMPORARY TRAFFIC AND PARKING RELATED SIGNS.

PHASE 2

1. REMOVE 4,600 LF OF ENABLING AND PHASE 1 CONSTRUCTION FENCING AND PROVIDE 1,000 LF OF 6-FOOT TALL CONSTRUCTION FENCING FOR PHASE 2. RELOCATE TWO 20-FOOT WIDE GATE LOCATIONS.
2. MAINTAIN AND REPLACE EXISTING EROSION CONTROL BARRIER AS REQUIRED.
3. PROVIDE 30 TEMPORARY TRAFFIC AND PARKING RELATED SIGNS.

GRAPHIC SCALE

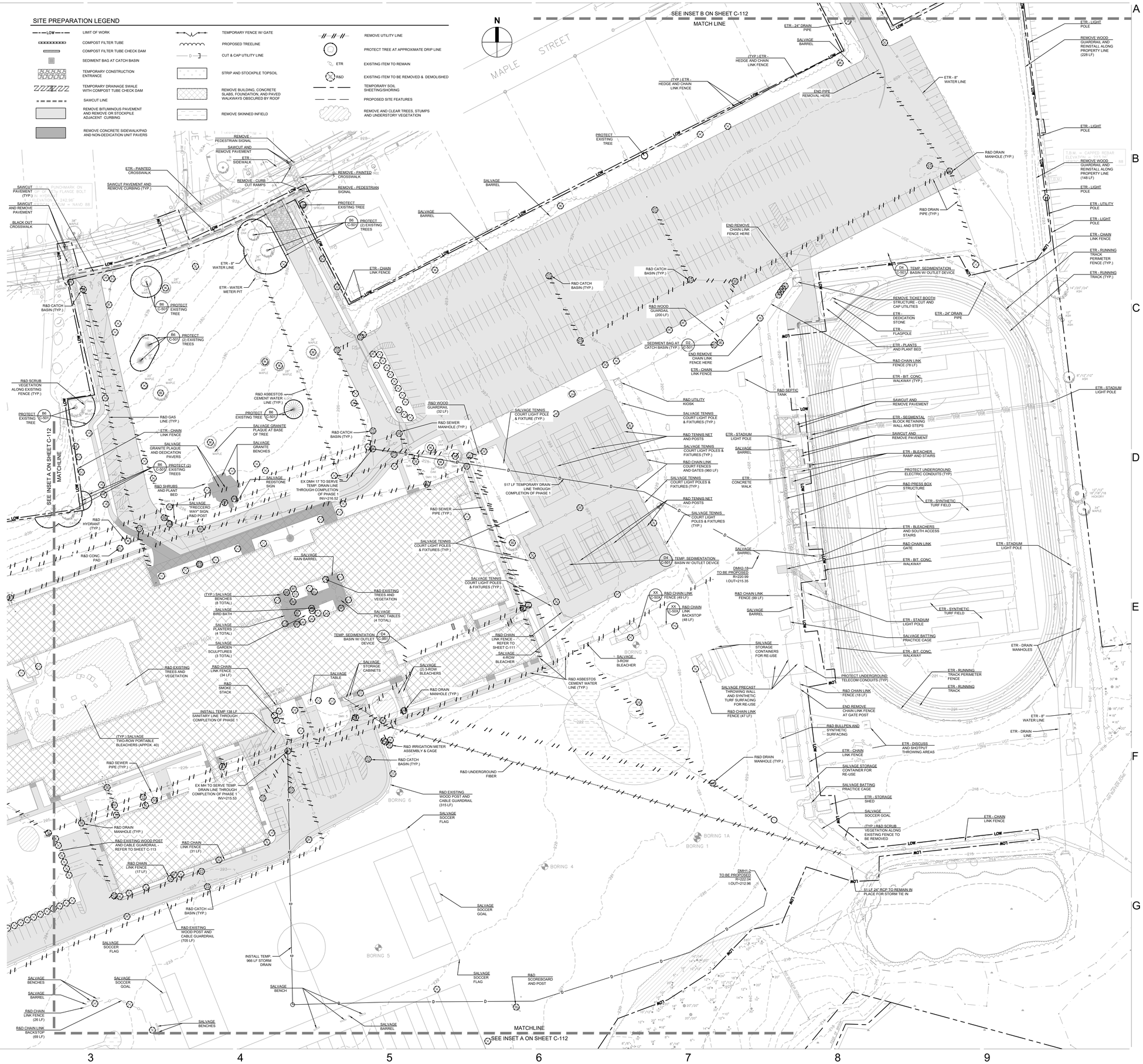
40 0 20 40 80 160

(IN FEET)

1 inch = 40 ft.

SITE PREPARATION LEGEND

- LIMIT OF WORK
- COMPOST FILTER TUBE
- COMPOST FILTER TUBE CHECK DAM
- SEDIMENT BAG AT CATCH BASIN
- TEMPORARY CONSTRUCTION ENTRANCE
- TEMPORARY DRAINAGE SWALE WITH COMPOST TUBE CHECK DAM
- SAWCUT LINE
- REMOVE BITUMINOUS PAVEMENT AND REMOVE OR STOCKPILE ADJACENT CURBING
- REMOVE CONCRETE SIDEWALK/PAD AND NON-DEDICATION UNIT PAVERS
- TEMPORARY FENCE W/ GATE
- PROPOSED TREELINE
- CUT & CAP UTILITY LINE
- STRIP AND STOCKPILE TOPSOIL
- REMOVE BUILDING, CONCRETE SLABS, FOUNDATION, AND PAVED WALKWAYS OBSCURED BY ROOF
- REMOVE SKINNED INFIELD
- REMOVE UTILITY LINE
- PROTECT TREE AT APPROXIMATE DRIP LINE
- ETR — EXISTING ITEM TO REMAIN
- R&D — EXISTING ITEM TO BE REMOVED & DEMOLISHED
- TEMPORARY SOIL SHEETING/SHORING
- PROPOSED SITE FEATURES
- REMOVE AND CLEAR TREES, STUMPS AND UNDERSTORY VEGETATION



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

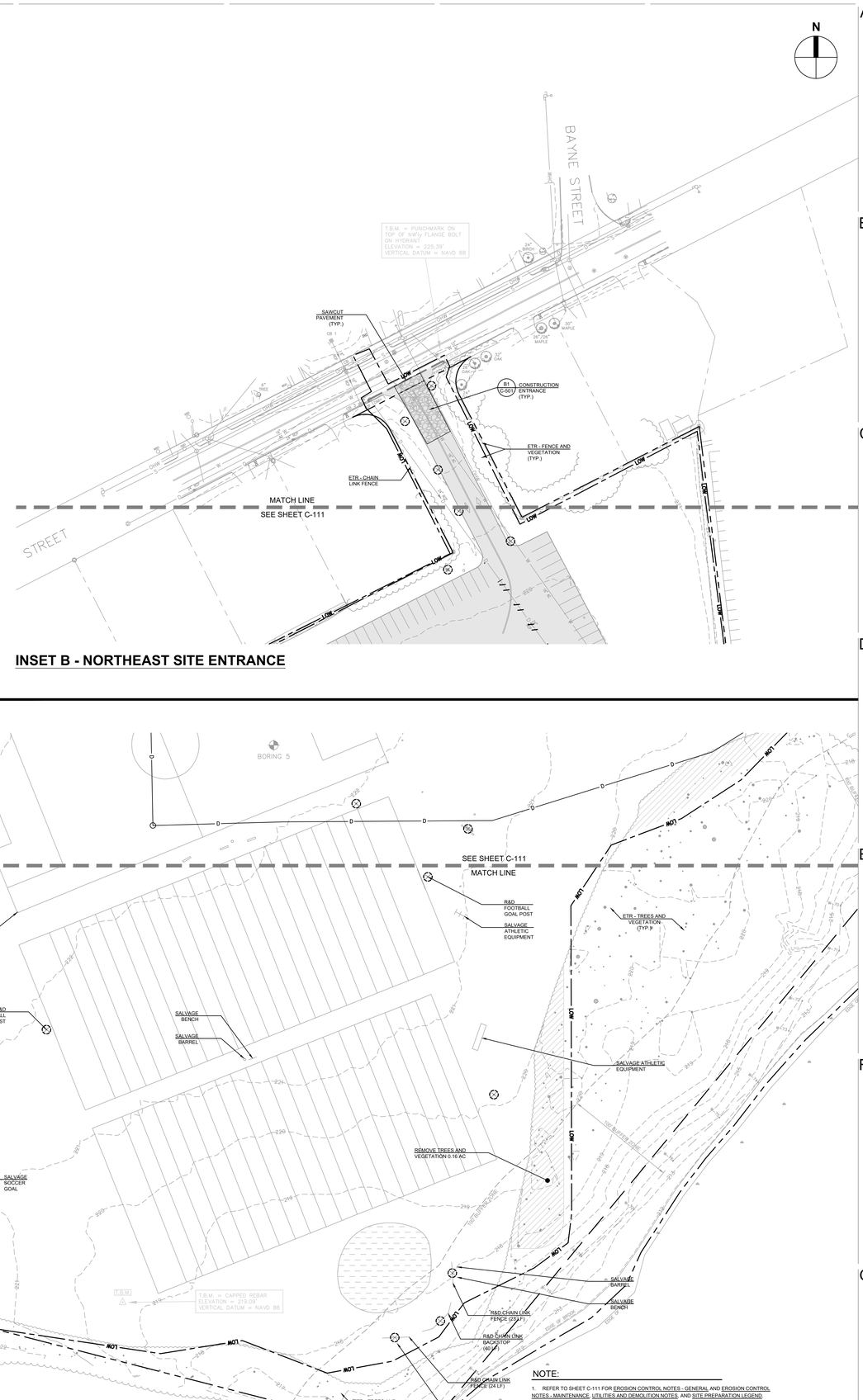
SITE PREPARATION PLAN I

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	CJR
REVISIONS:	

DD SET

C-111





INSET B - NORTHEAST SITE ENTRANCE

INSET A - ADDITIONAL ATHLETIC FIELDS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

SITE PREPARATION PLAN II

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	CJR
REVISIONS:	

DD SET

C-112

LEGEND

- BOLLARD (TYPE VARIES)
- SIGN
- DOUBLE LUMINAIRE (ROADWAY SCALE)
- SINGLE LUMINAIRE (ROADWAY SCALE)
- SINGLE LUMINAIRE (PEDESTRIAN-SCALE)
- BOLLARD LIGHT (PEDESTRIAN-SCALE)
- TENNIS / BASKETBALL COURT LUMINAIRE
- GRANITE CURB
- CROSSWALK
- TWO-WAY TRAFFIC PAVEMENT MARKING
- ONE-WAY TRAFFIC PAVEMENT MARKING
- PAINTED ACCESSIBLE PARKING SYMBOL
- PAINTED PAVEMENT STRIPING
- PARKING COUNTS
- HEAVY-DUTY BITUMINOUS PAVEMENT
- STANDARD BITUMINOUS PAVEMENT / BITUMINOUS WALKWAY
- POROUS PAVEMENT
- BUILDING
- CONCRETE WALK / PLAZA W/ SCORE JOINTS
- THICKENED CONCRETE PAVEMENT / CONCRETE EQUIPMENT PAD
- REINFORCED TURF SURFACING
- PERVIOUS PAVERS (PARKING AREAS)
- UNIT PAVERS (PEDESTRIAN AREAS)
- PLAYGROUND PROTECTIVE SURFACING
- CRUSHED STONE SURFACING
- STONE DUST SURFACING
- WOOD STOCKADE FENCE
- CHAIN LINK FENCE
- DECORATIVE METAL FENCE
- WOOD GUARD RAIL
- SITE WALLS
- SF / LF — SQUARE FEET / LINEAR FEET
- HT. — HEIGHT
- TYP. — TYPICAL
- EOP — EDGE OF PAVEMENT
- SWL — SINGLE WHITE PAINTED LINE
- DYL — DOUBLE YELLOW PAINTED LINE
- SYL — SINGLE YELLOW PAINTED LINE
- LIMIT OF BIORETENTION AREA
- DRIVEWAY CENTER LINE (UNMARKED)
- PROPERTY LINE
- RIP RAP

LAYOUT & MATERIALS NOTES:

1. DIMENSIONS SHOWN OFF THE BUILDING ARE FROM THE EXTERIOR FACE OF THE FOUNDATION WALL.
2. DIMENSIONS SHOWN IN THE PARKING LOTS AND ROADWAYS ARE FROM THE FACE OF CURB, CENTERLINE OF STRIPING, AND EDGE OF PAVEMENT.
3. DIMENSIONS SHOWN IN THE CONCRETE WALKWAYS AND PLAZAS ARE FROM SCORE JOINTS, EXPANSIONS JOINTS, AND EDGE OF CONCRETE.
4. COORDINATE THE EXACT LOCATION OF THE TRANSFORMER, SWITCHBOARD, TRANSCLOSURE, GENERATOR, AND PV BATTERY STORAGE PADS WITH THE ELECTRICAL PLANS. CONFIRM PAD SIZES WITH THE SELECTED PRODUCT PRIOR TO INSTALLING.
5. SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS AND LOCATIONS OF DOORS.
6. COORDINATE WORK IN THE TOWN RIGHT-OF-WAY WITH THE TOWN OF EAST LONGMEADOW DEPARTMENT OF PUBLIC WORKS.
7. INSTALL GUARDRAIL SO THAT FACE OF RAIL IS 2'-0" FROM FACE OF CURB, UNLESS NOTED OTHERWISE.
8. LIGHTPOLE BASES IN LAWN AREAS ARE TO BE INSTALLED SO THAT THE CENTER OF BASE IS 3'-0" AWAY FROM THE FACE OF CURB OR EDGE OF PAVED AREA, UNLESS OTHERWISE NOTED.
9. INSTALL SITE FEATURES AND FURNISHINGS TO MEET ADA AND MAAB REQUIREMENTS FOR ACCESSIBILITY. NOTIFY THE ARCHITECT OF POTENTIAL CONFLICTS PRIOR TO INSTALLING.
10. SALVAGED ITEMS TO BE RE-INSTALLED ALONG UNIT PAVER WALKWAY INCLUDE:
    - 10.1. SPARTAN WALKWAY STONE MONUMENT SIGN
    - 10.2. 48" SQUARE GROUND SET GRANITE SPARTAN LOGO PLAQUE
    - 10.3. SPARTAN WALKWAY DEDICATION PAVERS
    - 10.4. GRANITE BENCH (ELHS 50TH BIRTHDAY)
    - 10.5. GRANITE BENCH (SUE NICHOLS DEDICATION)
    - 10.6. GROUND SET GRANITE DEDICATION PLAQUE (DON-JOE-GARY DEDICATION)

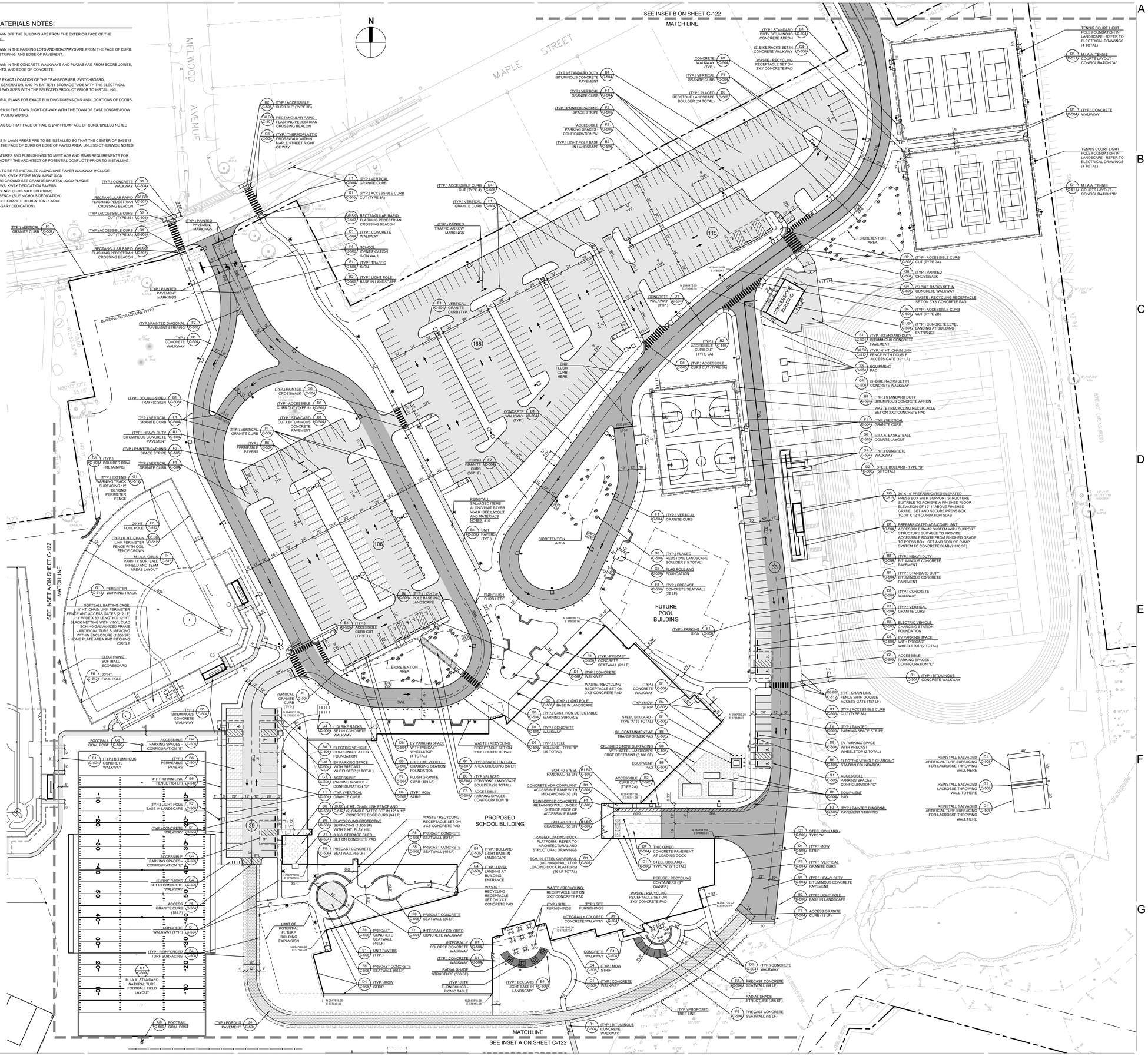
TRAFFIC AND PARKING SIGNS*

SIGN	SIGN I.D.	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	DESCRIPTION	MOUNT HEIGHT (TO BOTTOM)	POST TYPE	QUANTITY
STOP	R1-1	30"	30"	WHITE ON RED	7'-0"	SINGLE	16
	R3-1	24"	24"	RED ON WHITE W/ BLACK ARROW	5'-0"	SINGLE	4
	R3-2	24"	24"	RED ON WHITE W/ BLACK ARROW	5'-0"	SINGLE	2
ONLY ONLY	R3-8LR	30"	30"	BLACK ON WHITE	7'-0"	SINGLE	2
DO NOT ENTER	R5-1	30"	30"	WHITE ON RED	7'-0"	SINGLE	2
NO PARKING ANY TIME	R7-1	12"	18"	RED ON WHITE	7'-0"	SINGLE	2
RESERVED PARKING	R7-8	12"	18"	BLUE AND GREEN ON WHITE	5'-6"	SINGLE	18
T.A.R.S.	R7-8A	12"	6"	GREEN ON WHITE	5'-0"	SINGLE	17
	S1-1	36"	36"	BLACK ON FLUORESCENT YELLOW GREEN	7'-0"	SINGLE	4
	W11-2	36"	36"	BLACK ON FLUORESCENT YELLOW GREEN	7'-0"	SINGLE	4
	W16-7PL	12"	24"	BLACK ON FLUORESCENT YELLOW GREEN	6'-0"	SINGLE	8
AUTHORIZED VEHICLES ONLY	AVO-1	24"	18"	BLACK ON WHITE	7'-0"	SINGLE	1
BUSES ONLY	SBO-1	18"	24"	BLACK FILL AND LETTERING ON YELLOW	7'-0"	SINGLE	1
PROJECT VEHICLES ONLY BEYOND THIS POST	EAV-1	12"	18"	RED ON WHITE	7'-0"		2
ELECTRIC VEHICLE CHARGING STATION ONLY	EVC-1	12"	18"	GREEN ON WHITE	7'-0"	SINGLE	10
FDC	FDC-1	14"	10"	WHITE ON RED	5'-0" (BLDG) OVER STORZ CONNECTION	N/A (BLDG)	2
RESERVED PARKING	GVP-1	12"	18"	GREEN ON WHITE	7'-0"	SINGLE	24
PASSENGER LOADING ONLY 5 MINUTE LIMIT	PLO-1	12"	12"	BLACK ON WHITE	7'-0"	SINGLE	3
RESERVED PARKING	PRK-1	12"	18"	GREEN ON WHITE	7'-0"	SINGLE	4
RESTRICTED PARKING	SRO-1	12"	18"	RED ON WHITE	7'-0"		2
PROHIBITED SIGNAL	TFS-1	18"	24"	RED AND BLACK ON WHITE	7'-0" (POST); 2'-0" (FENCE)	SINGLE (UNLESS OTHER NOTED)	4

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LAYOUT & MATERIALS PLAN I

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-121

INSET A - ADDITIONAL ATHLETIC FIELDS

INSET B - NORTHEAST SITE ENTRANCE

NOTE:
1. REFER TO SHEET C-121 FOR LAYOUT & MATERIALS NOTES AND LEGEND.

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LAYOUT & MATERIALS PLAN II

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-122

DRAINAGE & UTILITIES NOTES:

1. VERIFY EXISTING DRAINAGE INVERTS WHERE NEW UTILITY CONNECTIONS ARE PROPOSED. REPORT DISCREPANCIES FROM EXISTING OR PROPOSED CONNECTING INVERTS SHOWN TO THE ARCHITECT, PRIOR TO PERFORMING ANY UTILITY WORK TRIBUTARY TO THE CONNECTION POINT.
2. PLANS INDICATE VERTICAL AND HORIZONTAL LOCATION OF UTILITY COVERS AND GRATES. COORDINATE INSTALLATION OF ECCENTRIC UTILITY STRUCTURES SO THAT ASSOCIATED GRATES AND COVERS ARE LOCATED PER THE PLANS. LIMITS OF BELOW GRADE STRUCTURES MAY VARY.
3. FURNISH AND INSTALL FOUNDATION DRAINS AND CLEANOUTS ALONG THE EXTERIOR OF THE BUILDING. FOUNDATION DRAINS AND CLEANOUTS WITHIN THE BUILDING FOOTPRINT TO BE FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR UNTIL IT REACHES THE EXTERIOR OF THE BUILDING.
4. RESET FRAMES OF EXISTING UTILITY STRUCTURES TO REMAIN WITH NEW BRICK AND MORTAR RISER COURSE TO MATCH PROPOSED FINISH GRADE WITHIN THE LIMIT OF WORK. MODIFICATIONS TO PRECAST UNITS OR BLOCK STRUCTURES MAY BE REQUIRED WHEN LOWERING AN EXISTING FRAME. NOTIFY ARCHITECT IF EXISTING STRUCTURES NEED ADDITIONAL REPAIR OR REPLACEMENT DUE TO CONDITION.
5. REFER TO ENLARGEMENT PLAN(S) C-_____ FOR DRAINAGE AND UTILITIES SCOPE WITHIN ENLARGEMENT AREAS.
6. REFER TO PHASING PLAN(S) C-_____ FOR APPROXIMATE LIMITS OF DRAINAGE AND UTILITIES SCOPE IN EACH PHASE.
7. CLEAN UTILITY STRUCTURES PRIOR TO PROJECT CLOSE-OUT.

GRADING NOTES:

1. INSTALL BITUMINOUS PAVEMENT AND CEMENT CONCRETE TO HAVE 1% MINIMUM SLOPE FOR DRAINAGE AND IN ACCORDANCE WITH THE PROPOSED GRADES SHOWN. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES ON PLANS PRIOR TO GRADING BASE MATERIAL.
2. INSTALL SIDEWALK AND CROSSWALKS TO HAVE A MAXIMUM 2% CROSS SLOPE AND 5% RUNNING SLOPE. INSTALL PLAZA AREAS, ACCESSIBLE PARKING SPACES, AND THE ASSOCIATED ACCESS AISLES TO HAVE A MAXIMUM 2% SLOPE IN ALL DIRECTIONS. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES ON PLANS PRIOR TO GRADING BASE MATERIAL.
3. REFER TO ENLARGEMENT PLAN(S) C-_____ FOR GRADING WITHIN ENLARGEMENT AREAS.
4. REFER TO PHASING PLAN(S) C-_____ FOR APPROXIMATE LIMITS OF GRADING IN EACH PHASE.
5. ESTABLISH AND MAINTAIN CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE CONSTRUCTION OF THE PROJECT.

LEGEND & ABBREVIATIONS

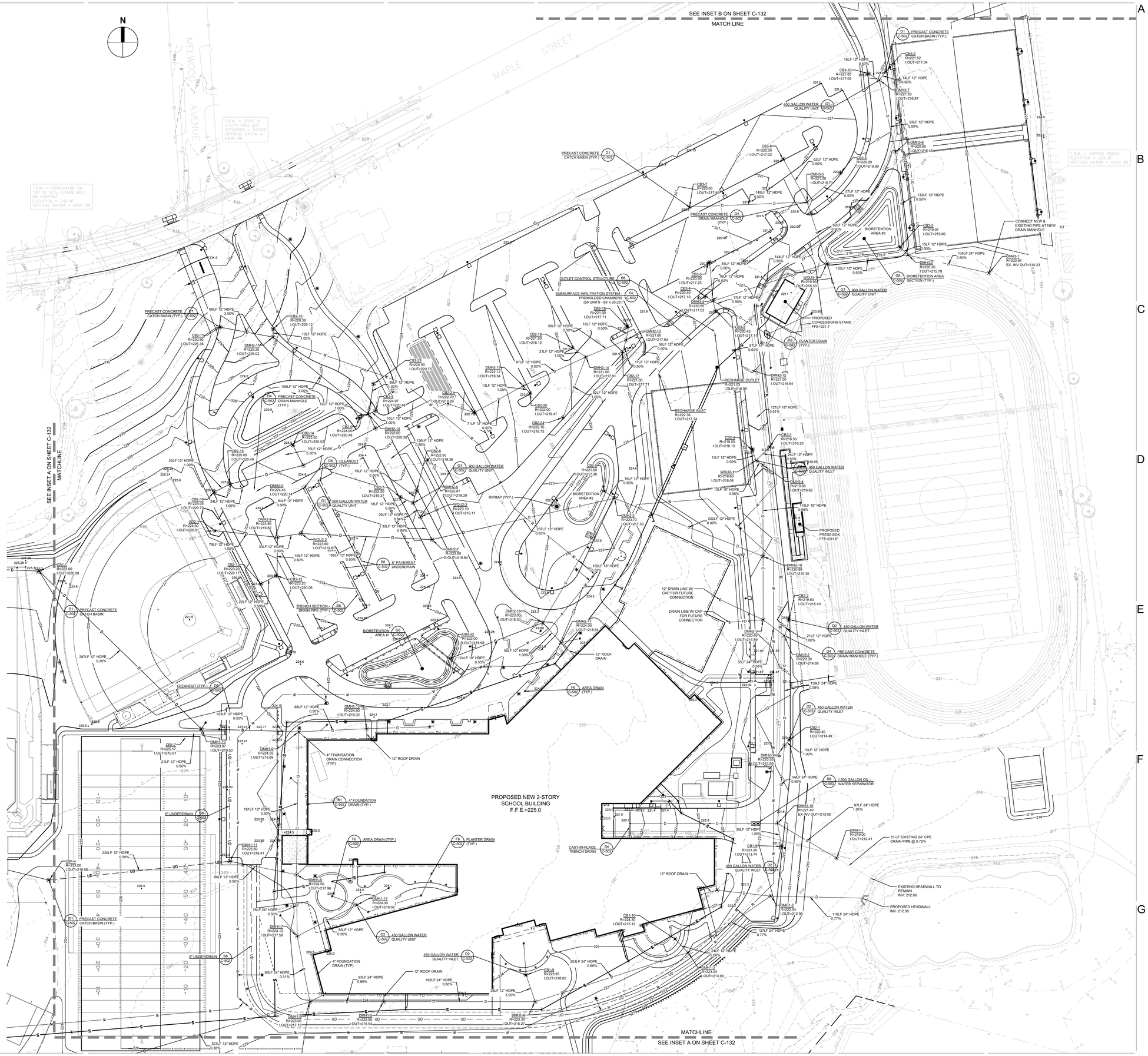
- WATER GATE
- HYDRANT
- SEWER MANHOLE
- SEWER PUMP CHAMBER W/ VALVE PIT
- GREASE TRAP
- DRAIN MANHOLE
- WATER QUALITY UNIT
- CATCH BASIN
- WATER QUALITY INLET
- AREA DRAIN / PLANTER DRAIN
- CLEAN OUT
- TRENCH DRAIN
- OUTLET CONTROL STRUCTURE
- OIL WATER SEPARATOR
- ELEC / COMM HANDHOLE
- ELEC / COMM MANHOLE
- WATER LINE
- DRAIN LINE
- SEWER LINE
- FOUNDATION DRAIN
- ELECTRIC LINE
- TELE-COMM LINE
- FORCE MAIN
- SPOT GRADE
- CONTOUR
- FFE — FINISH FLOOR ELEVATION
- RIM — RIM ELEVATION
- INV — INVERT ELEVATION
- PVC — POLYVINYL CHLORIDE PIPE
- RCP — REINFORCED CONCRETE PIPE
- CPP — CORRUGATED POLYETHYLENE PIPE
- CLDI — CEMENT LINE DUCTILE IRON PIPE

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)

1 inch = 40 ft.



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

GRADING & DRAINAGE PLAN I

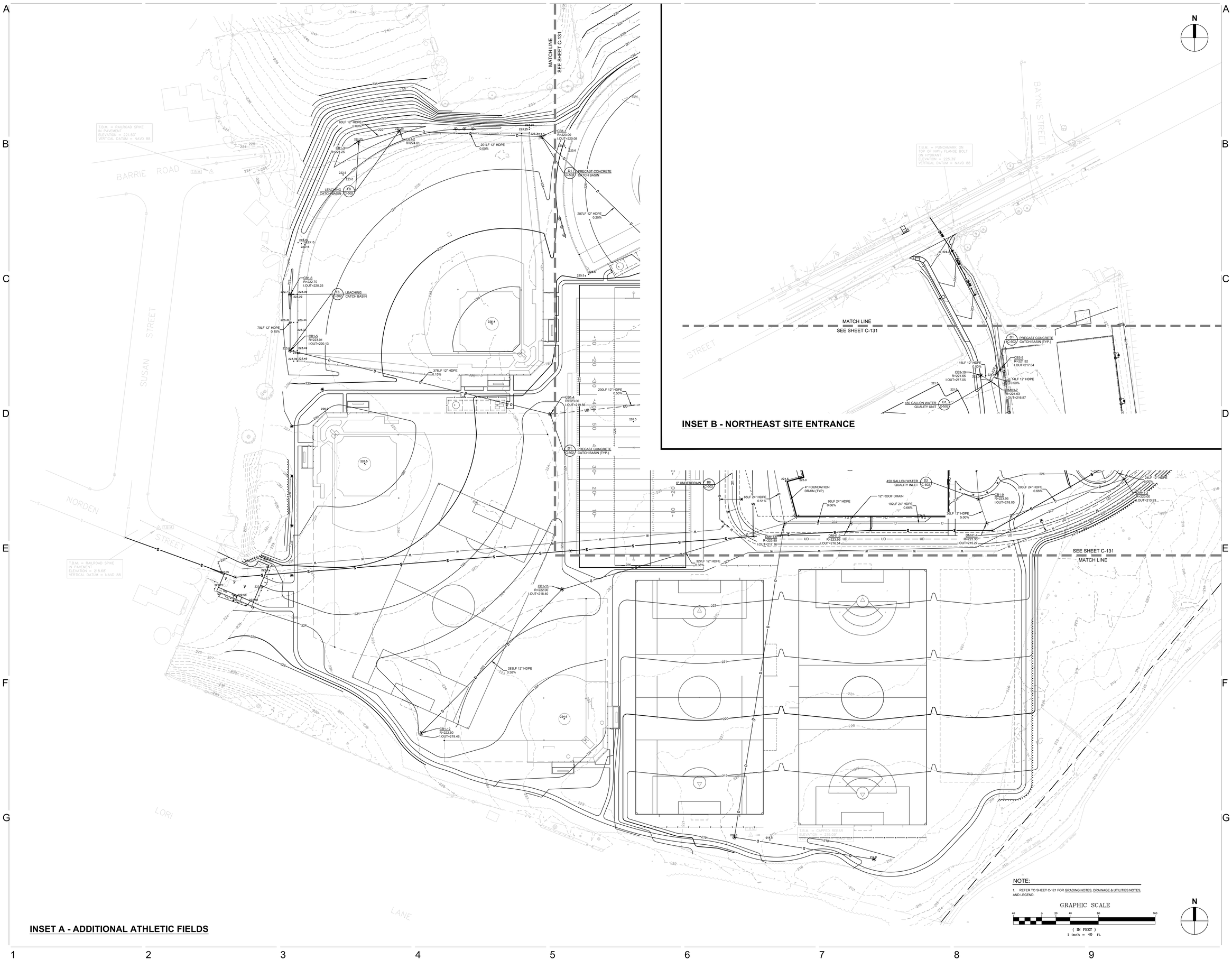
EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	CJR
REVISIONS:	

DD SET

C-131



INSET B - NORTHEAST SITE ENTRANCE

INSET A - ADDITIONAL ATHLETIC FIELDS

NOTE:

1. REFER TO SHEET C-121 FOR GRADING NOTES, DRAINAGE & UTILITIES NOTES, AND LEGEND.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)

1 inch = 40 ft.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

GRADING & DRAINAGE PLAN II

EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	CJR
REVISIONS:	

DD SET

C-132

UTILITIES NOTES:

1. PRIOR TO CONSTRUCTION, VERIFY EXISTING UTILITY LOCATIONS AS SHOWN ON THE DRAWINGS. CONTACT THE ARCHITECT FOR DIRECTION REGARDING ANY DISCREPANCIES OR UNDOCUMENTED UTILITIES ENCOUNTERED DURING CONSTRUCTION, PRIOR TO ALTERING THE UTILITY IN ANY WAY.
2. CONTACT THE APPROPRIATE UTILITY COMPANY AND "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATIONS OF EXISTING UTILITIES. NOTIFY THE ARCHITECT OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION.
3. MAINTAIN FUNCTIONING UTILITIES AND NOTIFY THE ARCHITECT A MINIMUM OF 5 DAYS PRIOR TO PERFORMING ANY WORK THAT INVOLVES CONFLICTS BETWEEN PROPOSED UTILITIES AND EXISTING UTILITIES TO REMAIN OR UTILITY SERVICE INTERRUPTION. OBTAIN APPROVAL TO PROCEED PRIOR TO INTERRUPTION.
4. PROTECT NEW AND EXISTING UTILITIES TO REMAIN DURING CONSTRUCTION.
5. FILE AND PAY FOR APPLICABLE PERMITS AND FEES (UNLESS OTHERWISE NOTED).
6. PIPE MATERIALS (UNLESS OTHERWISE SPECIFIED):
   STORM DRAIN: CORRUGATED POLYETHYLENE PIPE (CPE)
   WATER: CLASS 52 CEMENT LINED DUCTILE IRON (CLDI)
   SEWER: POLYVINYL CHLORIDE PIPE (PVC)
7. PROVIDE ADEQUATE BRACING AND SHORING OF ALL EXCAVATIONS IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS.
8. COORDINATE WORK WITH APPROPRIATE UTILITY COMPANIES.
9. THE GAS, ELECTRIC, AND TELEPHONE SERVICES SHOWN ARE APPROXIMATE. COORDINATE ACTUAL LOCATIONS WITH THE APPROPRIATE SUBCONTRACTOR AND UTILITY COMPANY.
10. REFER TO ELECTRICAL SITE PLANS FOR MORE INFORMATION REGARDING ELECTRICAL AND TELECOMMUNICATION UTILITIES, APPLICABLE DETAILS, DUCTBANK SIZES, ANY TEMPORARY UTILITIES, AND FOR THE EXACT NUMBER AND TYPE OF LIGHTING FIXTURES.
11. VERIFY EXISTING DRAINAGE AND SEWER INVERTS WHERE NEW UTILITY CONNECTIONS ARE PROPOSED. REPORT DISCREPANCIES FROM EXISTING OR PROPOSED CONNECTING INVERTS SHOWN TO THE ARCHITECT, PRIOR TO PERFORMING ANY UTILITY WORK TRIBUTARY TO THE CONNECTION POINT.
12. PLANS INDICATE VERTICAL AND HORIZONTAL LOCATION OF UTILITY COVERS AND GRATES. COORDINATE INSTALLATION OF ECCENTRIC UTILITY STRUCTURES SO THAT ASSOCIATED GRATES AND COVERS ARE LOCATED PER THE PLANS. LIMITS OF BELOW GRADE STRUCTURES MAY VARY.
13. FURNISH AND INSTALL FOUNDATION DRAINS AND CLEANOUTS ALONG THE EXTERIOR OF THE BUILDING. FOUNDATION DRAINS AND CLEANOUTS WITHIN THE BUILDING FOOTPRINT TO BE FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR UNTIL IT REACHES THE EXTERIOR OF THE BUILDING.
14. RESET FRAMES OF EXISTING UTILITY STRUCTURES TO REMAIN WITH NEW BRICK AND MORTAR RISER COURSE TO MATCH PROPOSED FINISH GRADE WITHIN THE LIMIT OF WORK. MODIFICATIONS TO PRECAST UNITS OR BLOCK STRUCTURES MAY BE REQUIRED WHEN LOWERING AN EXISTING FRAME. NOTIFY ARCHITECT IF EXISTING STRUCTURES NEED ADDITIONAL REPAIR OR REPLACEMENT DUE TO CONDITION.
15. PROVIDE CONCRETE THRUST BLOCKS AT ALL BENDS 22.5° AND GREATER IN NEW WATER LINES.
16. CONFIRM NEW HYDRANTS, WATER VALVES, AND FITTINGS MEET THE REQUIREMENTS OF THE TOWN OF EAST LONGMEADOW FIRE DEPARTMENT AND WATER DEPARTMENT.
17. COORDINATE UTILITY WORK IN THE PUBLIC RIGHT-OF-WAY WITH AUTHORITIES HAVING JURISDICTION (AHJ). UTILITY INSTALLATIONS AND PRODUCTS USED IN THE PUBLIC RIGHT-OF-WAY TO BE IN ACCORDANCE WITH APPLICABLE AHJ REQUIREMENTS AND PERMIT CONDITIONS.
18. REFER TO ENLARGEMENT PLAN(S) C-_____ FOR DRAINAGE AND UTILITIES SCOPE WITHIN ENLARGEMENT AREAS.
19. REFER TO PHASING PLAN(S) C-_____ FOR APPROXIMATE LIMITS OF DRAINAGE AND UTILITIES SCOPE IN EACH PHASE.
20. CLEAN UTILITY STRUCTURES PRIOR TO PROJECT CLOSE-OUT.

LEGEND & ABBREVIATIONS

	WATER GATE
	HYDRANT
	SEWER MANHOLE
	SEWER PUMP CHAMBER W/ VALVE PIT
	GREASE TRAP
	DRAIN MANHOLE
	WATER QUALITY UNIT
	CATCH BASIN
	WATER QUALITY INLET
	AREA DRAIN / PLANTER DRAIN
	CLEAN OUT
	TRENCH DRAIN
	OUTLET CONTROL STRUCTURE
	OIL WATER SEPARATOR
	ELEC / COMM HANDHOLE
	ELEC / COMM MANHOLE
—W—	WATER LINE
—D—	DRAIN LINE
—S—	SEWER LINE
--FD--	FOUNDATION DRAIN
—UGE—	ELECTRIC LINE
—UGT—	TELE-COMM LINE
—FM—	FORCE MAIN
x91.00	SPOT GRADE
96	CONTOUR
FFE	FINISH FLOOR ELEVATION
RIM	RIM ELEVATION
INV	INVERT ELEVATION
PVC	POLYVINYL CHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
CPP	CORRUGATED POLYETHYLENE PIPE
CLDI	CEMENT LINE DUCTILE IRON PIPE

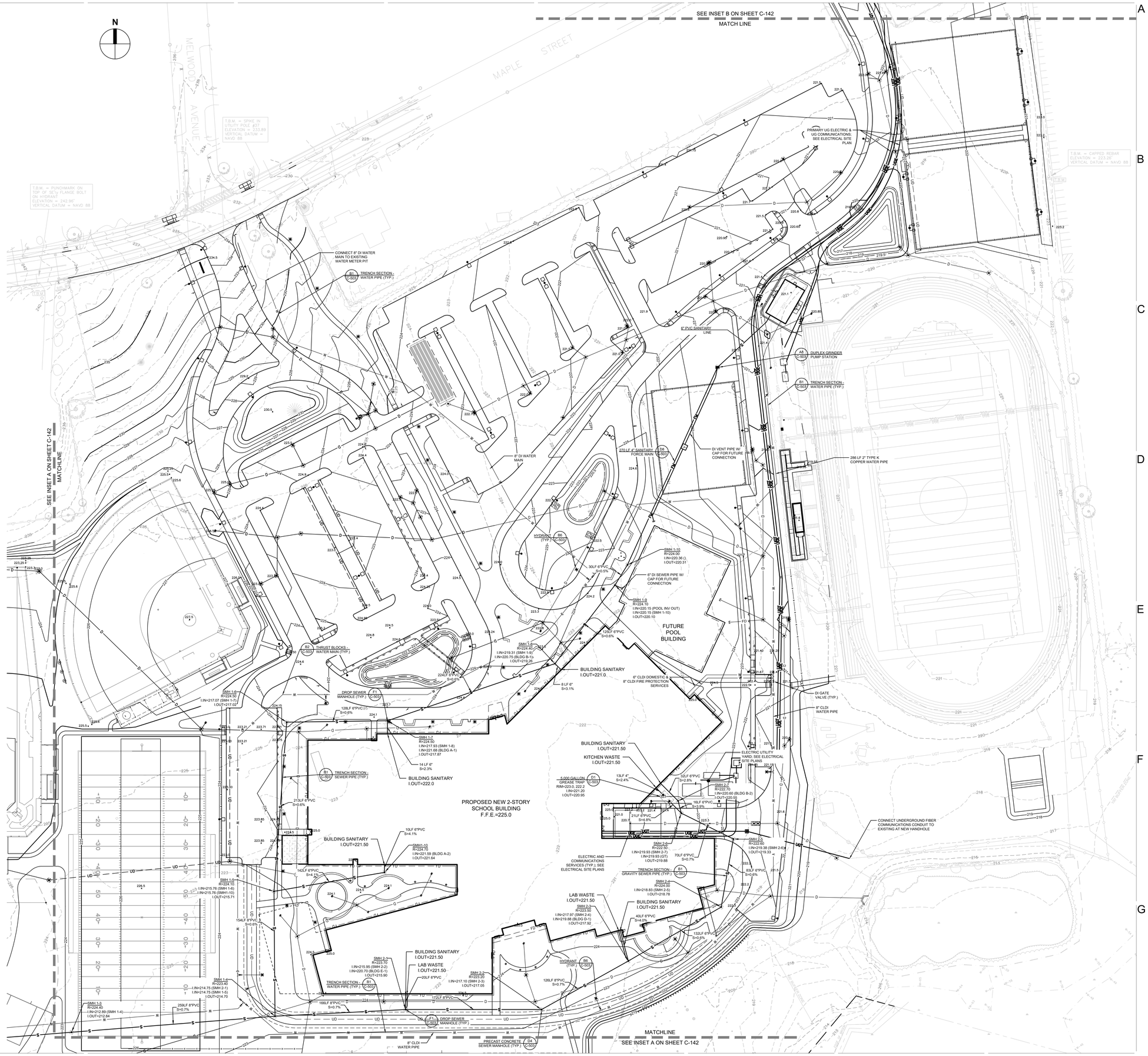
NOTE:

1. REFER TO SHEET C-121 FOR GRADING & UTILITIES NOTES AND LEGEND.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

UTILITIES PLAN I

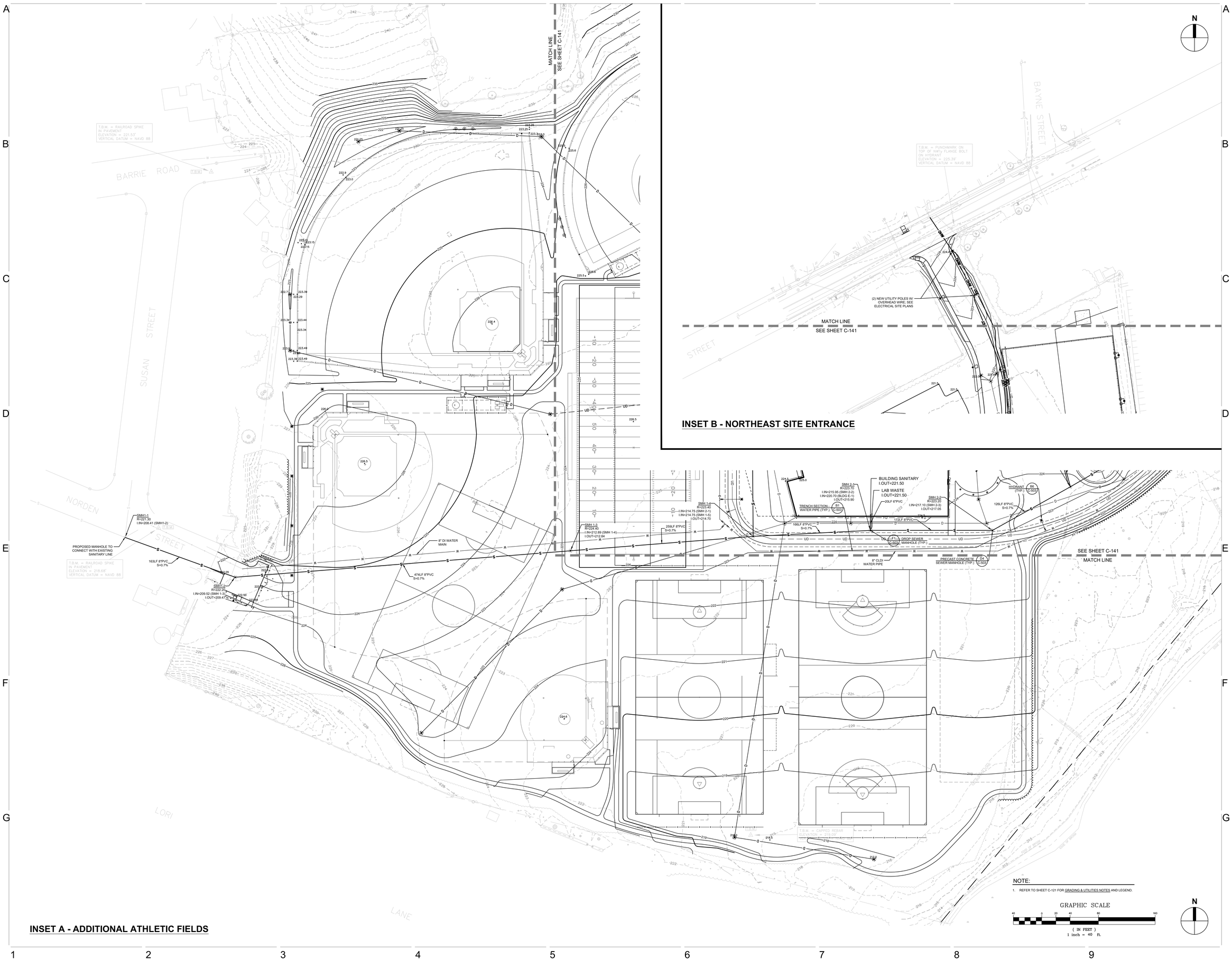
EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	CJS
REVISIONS:	

DD SET

C-141



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

UTILITIES PLAN II

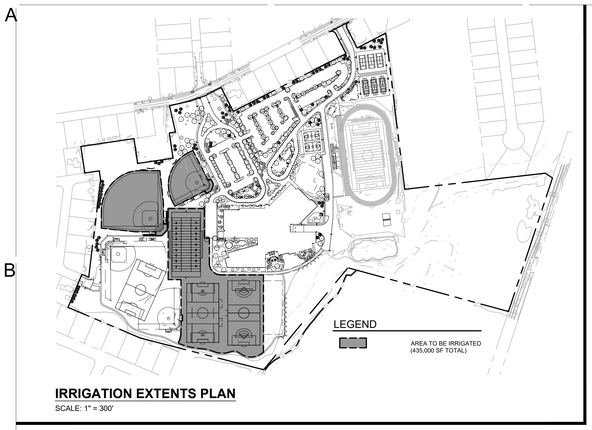
EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	CJS
REVISIONS:	

DD SET

C-142



IRRIGATION EXTENTS PLAN
SCALE: 1" = 300'

GENERAL PLANTING NOTES:

1. REFER TO SPEC FOR FULL PLANTING NOTES.
2. ALL NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOC. OF NURSERYMEN, INC. IN ADDITION, NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY.
3. NEW PLANTS TO BE BALLED AND BURLAPPED OR CONTAINER-GROWN, UNLESS OTHERWISE NOTED ON THE PLANT LIST.
4. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS OR PLANT SCHEDULE, WHICHEVER IS GREATER.
5. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL FROM THE ARCHITECT.
6. ALL NEW PLANTS SHALL BE TAGGED AND APPROVED BY THE ARCHITECT AT THE NURSERY PRIOR TO DIGGING OR DELIVERY TO THE SITE.
7. THE CONTRACTOR SHALL LOCATE AND VERIFY EXISTING UTILITY LINES PRIOR TO PLANTING AND REPORT CONFLICTS TO THE ARCHITECT.
8. NO TREES, SHRUBS, GROUNDCOVER, SEED, OR SOD SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING. TREES SHALL BEAR THE SAME RELATIONSHIP TO GRADE AS THEY BORE TO PREVIOUS GRADE.
9. STAKE LOCATION OF ALL TREE AND SHRUB PLANTING FOR APPROVAL BY THE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.
10. PREPARE ALL SHRUB PLANTING BEDS TO A MINIMUM DEPTH OF EIGHTEEN INCHES (18") WITH LOAM.
11. ALL PLANT BEDS AND INDIVIDUAL TREE PITS SHALL RECEIVE THREE INCHES (3") OF BARK MULCH.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED, STOLEN, DEAD, DECLINING OR LOST MATERIAL UNTIL COMPLETION OF MAINTENANCE PERIODS OR GUARANTEE PERIODS.
13. AREAS TO BE SEEDED OR SODDED SHALL RECEIVE EIGHT INCHES (8") OF LOAM, MEASURED AFTER COMPACTION, PRIOR TO SEEDING.
14. SPECIFIC EXISTING LAWN AREAS DESIGNATED TO REMAIN SHALL BE AERATED, FERTILIZED AND OVERSEEDED.
15. IN ADDITION TO LOCATIONS DEFINED FOR SEED ON THE PLANTING PLAN, ALSO SEED GRASS AREAS WHICH HAVE BEEN DISTURBED BY THE CONSTRUCTION.

BIORETENTION PLANTING NOTES:

1. BIORETENTION BASINS TO BE SEEDED WITH "NEW ENGLAND WETMIX" AS MANUFACTURED BY NEW ENGLAND WETLAND PLANTS, INC., AMHERST, MA OR APPROVED EQUAL. SEED BED PREPARATION AND APPLICATION RATES PER MANUFACTURER'S RECOMMENDATIONS.

LEGEND

SYMBOL	TYPE	SIZE	QUANTITY
	LARGE DECIDUOUS TREE	2.5" - 3" CAL - B&B	141
	MULTI-STEM TREE	8' - 10' HT - B&B	48
	COLUMNAR TREE	2" - 2.5" CAL. - B&B	57
	SMALL / FLOWERING TREE	2" - 2.5" CAL. - B&B	50
	EVERGREEN TREE	8' - 10' HT - B&B	81
	UNDERSTORY PLANTING	3 GAL - CONT	8,100 EA
	BIORETENTION AREA PLANTING	(SEE BIORETENTION PLANTING NOTES)	17,500± SF
	LOAM AND SEED WITH ATHLETIC FIELD SEED MIX		386,550± SF
	LOAM AND SEED WITH GENERAL LAWN SEED MIX		627,000± SF
	STEEP SLOPE / DRY SITES SEED MIX		16,800± SF

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

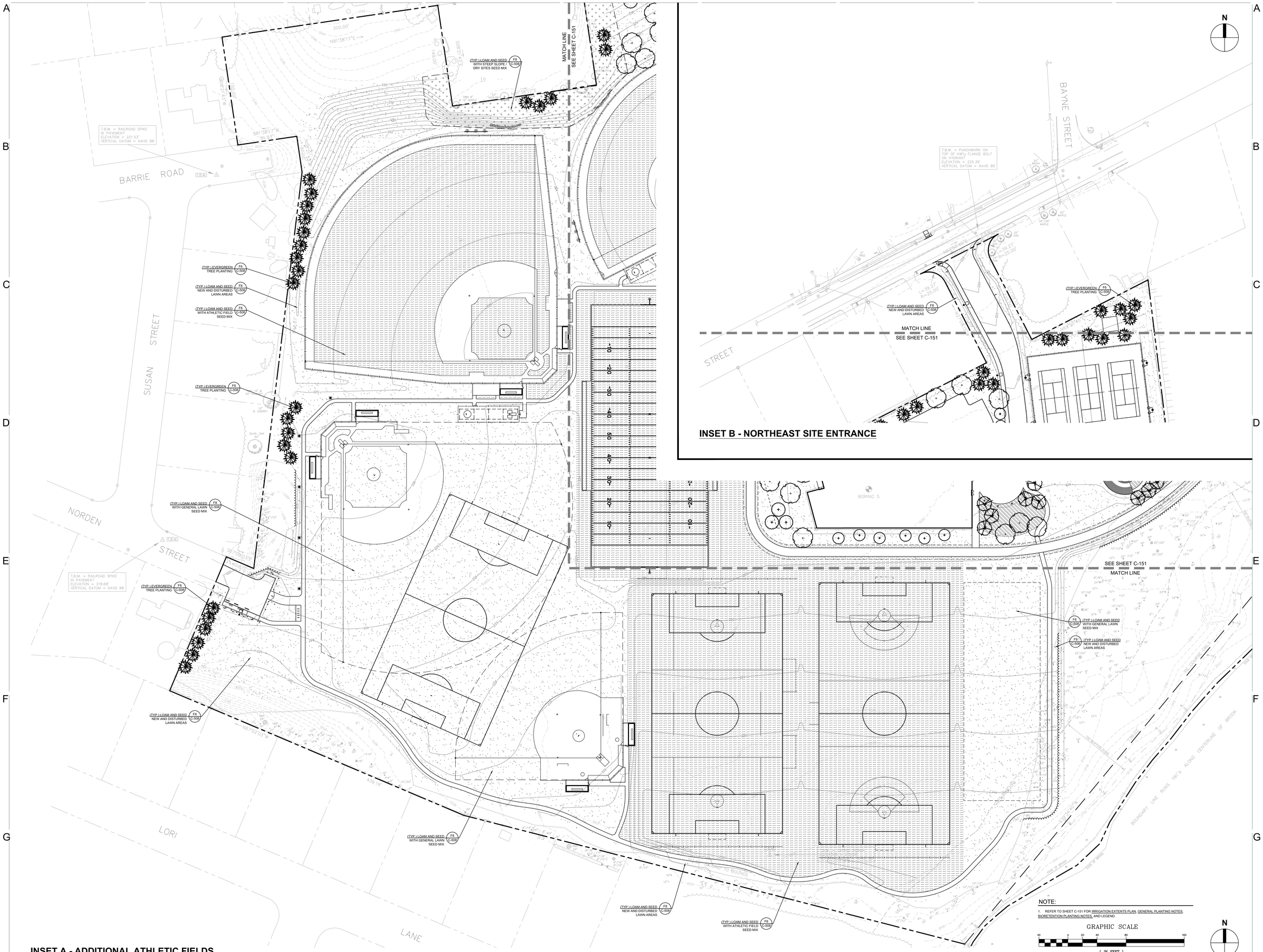
PLANTING PLAN I

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	ECV, MTC
REVISIONS:	

DD SET

C-151



INSET B - NORTHEAST SITE ENTRANCE

INSET A - ADDITIONAL ATHLETIC FIELDS

NOTE:

1. REFER TO SHEET C-151 FOR IRRIGATION EXTENTS PLAN, GENERAL PLANTING NOTES, BIORETENTION PLANTING NOTES, AND LEGEND.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

PLANTING PLAN II

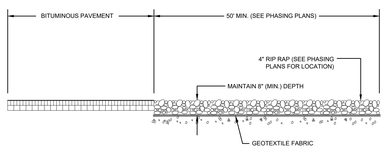
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-152

NOTE:

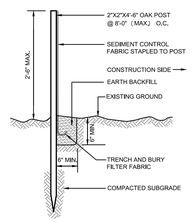


SECTION

B1 TEMPORARY CONSTRUCTION ENTRANCE
N.T.S.

NOTES:

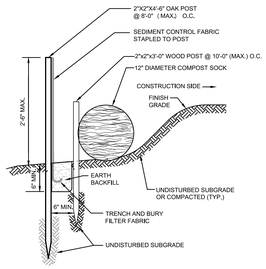
1. SEE PLAN FOR LOCATION(S).
2. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.



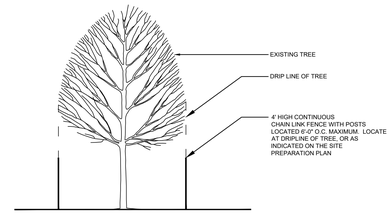
B2 SILT FENCE
N.T.S.

NOTES:

1. SEE PLAN FOR LOCATION(S).
2. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

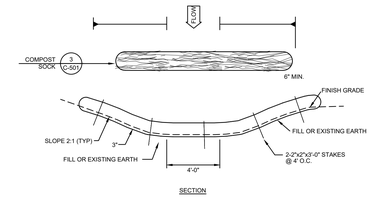


B4 COMPOST SOCK WITH SILT FENCE
N.T.S.



ELEVATION

B6 TREE PROTECTION DETAIL
N.T.S.

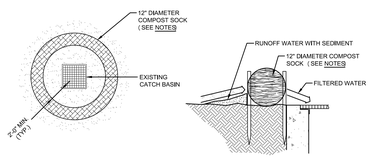


SECTION

B8 TEMPORARY DRAINAGE SWALE WITH COMPOST SOCK EROSION CHECK DAM
N.T.S.

NOTES:

1. STAKE BIODEGRADABLE COMPOST WATTLE ON ALTERNATING SIDES AT 4' O.C. MAX.

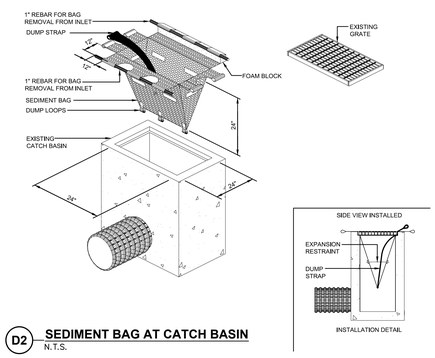


PLAN SECTION

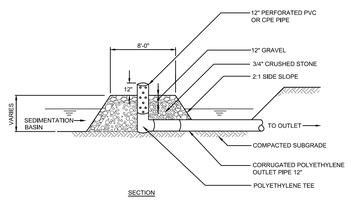
D1 CATCH BASIN FILTER
N.T.S.

NOTES:

1. SEE PLAN FOR LOCATION(S).
2. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
3. INSTALL REBAR PRIOR TO GRATE REMOVAL.
4. USE FOAM BLOCK ONLY WHEN ADJACENT TO CURB INLET.

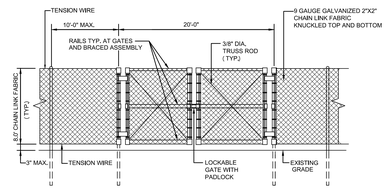


D2 SEDIMENT BAG AT CATCH BASIN
N.T.S.



SECTION

D4 TEMPORARY SEDIMENTATION BASIN OUTLET DEVICE
N.T.S.



D6 TEMPORARY CONSTRUCTION FENCE W/GATE
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS I

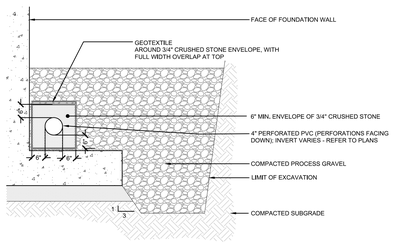
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	CJR
REVISIONS:	

DD SET

C-501

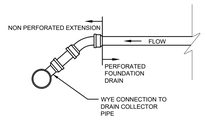
NOTE:



SECTION

B1 FOUNDATION DRAIN
N.T.S.

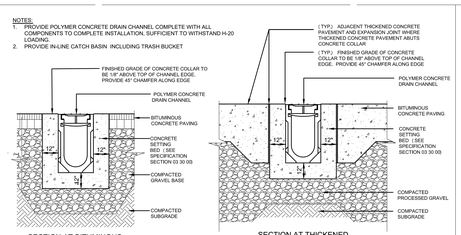
NOTE:



SECTION

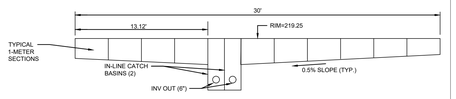
B2 FOUNDATION DRAIN WYE CONNECTION
N.T.S.

NOTES:
1. PROVIDE POLYMER CONCRETE DRAIN CHANNEL COMPLETE WITH ALL COMPONENTS TO COMPLETE INSTALLATION, SUFFICIENT TO WITHSTAND H-20 LOADING.
2. PROVIDE IN-LINE CATCH BASIN INCLUDING TRASH BUCKET



SECTION AT BITUMINOUS CONCRETE PAVEMENT

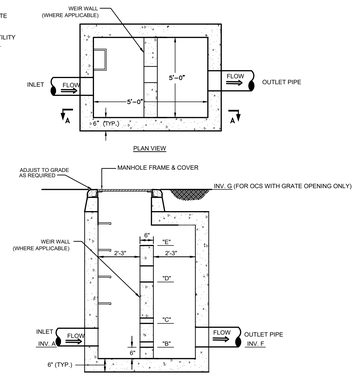
SECTION AT THICKENED CONCRETE PAVEMENT



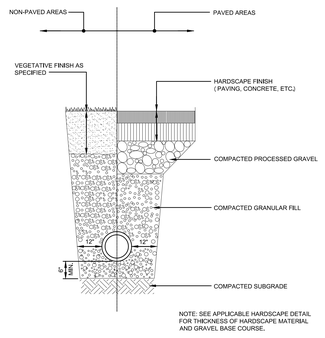
SCHEMATIC ELEVATION

B4 CAST-IN-PLACE TRENCH DRAIN
N.T.S.

NOTES:
1. STRUCTURE ADEQUATE FOR H-20 LOADING.
2. SEE GRADING AND UTILITY PLAN FOR PIPE SIZES.



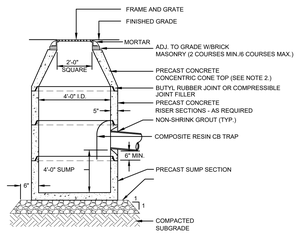
B6 OUTLET CONTROL STRUCTURE



NOTE: SEE APPLICABLE HARDSCAPE DETAIL FOR THICKNESS OF HARDSCAPE MATERIAL AND GRAVEL BASE COURSE.

B8 TRENCH SECTION - CPE DRAINS
N.T.S.

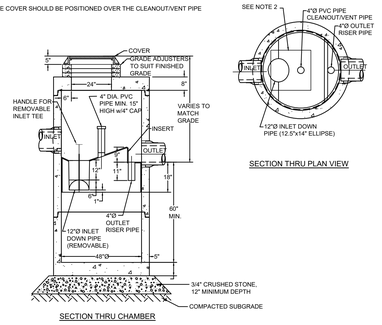
NOTE:



NOTES: 1. STRUCTURE ADEQUATE FOR H-20 LOADING.
2. PROVIDE SLAB TOP WHERE PIPE COVER < 36".

D1 PRECAST CONCRETE CATCH BASIN
N.T.S.

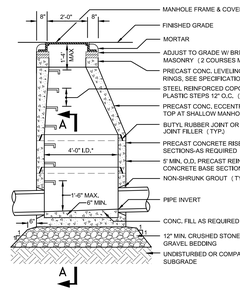
NOTES:
1. THE USE OF FLEXIBLE CONNECTIONS IS RECOMMENDED AT THE INLET AND OUTLET WHERE APPLICABLE.
2. BASIS OF DESIGN SHOWN HERE IS STC 450i BY STORMCEPTOR.
3. STRUCTURE ADEQUATE FOR H-20 LOADING.
4. THE COVER SHOULD BE POSITIONED OVER THE CLEANOUT/VENT PIPE



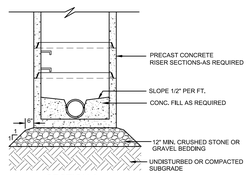
SECTION THRU CHAMBER

SECTION THRU PLAN VIEW

D2 450 GALLON WATER QUALITY UNIT
N.T.S.



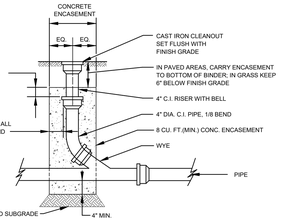
NOTE: 1. STRUCTURE ADEQUATE FOR H-20 LOADING.



SECTION A

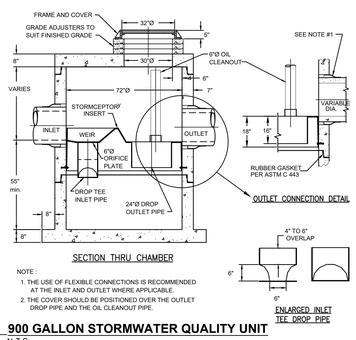
* PROVIDE 5' I.D. OR 6' I.D. SECTIONS AS REQUIRED FOR MULTIPLE/LARGE DIAMETER PIPES.

D4 PRECAST CONCRETE DRAIN MANHOLE
N.T.S.



D8 CLEANOUT
N.T.S.

NOTES:
1. BASIS OF DESIGN PRODUCT SHOWN HERE IS CONTECH CDS 2015-4 MODEL



SECTION THRU CHAMBER

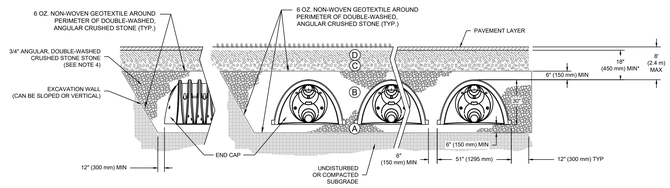
NOTE :
1. THE USE OF FLEXIBLE CONNECTIONS IS RECOMMENDED AT THE INLET AND OUTLET WHERE APPLICABLE.
2. THE COVER SHOULD BE POSITIONED OVER THE OUTLET DROP PIPE AND THE OIL CLEANOUT PIPE.

G1 900 GALLON STORMWATER QUALITY UNIT
N.T.S.

ACCEPTABLE FILL MATERIALS: PREMOLDED POLYPROPYLENE CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	REFER TO SPECIFICATION 31 20 00 FOR APPLICABLE MATERIALS	REFER TO SPECIFICATION 31 20 FOR COMPACTION REQUIREMENTS BASED ON LOCATION AND DEPTHS
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	REFER TO SPECIFICATION 31 20 00 FOR APPLICABLE MATERIALS	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	3/4" CRUSH STONE - MassDOT M2.01.04 (DOUBLE WASHED)	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	3/4" CRUSH STONE - MassDOT M2.01.04 (DOUBLE WASHED)	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. [1]

NOTE:
1. COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.

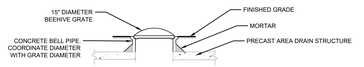


NOTES:

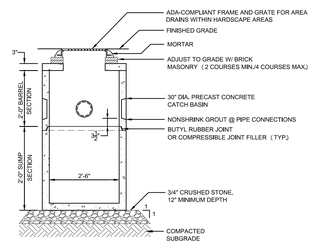
1. CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2622 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS. REFER TO SPECIFICATION 31 20 00 "EARTH MOVING" FOR ADDITIONAL INFORMATION.
4. CRUSHED STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS. CRUSHED STONE IS TO BE PLACED IN 12" LIFTS AND COMPACTED WITH PLATE COMPACTOR OR VIBRATORY TRENCH ROLLER.

G2 INFILTRATION SYSTEM - PREMOLD CHAMBERS (30" HIGH)
N.T.S.

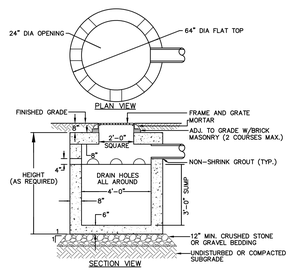
NOTES:
1. SEE SPECIFICATION SECTION 33 41 00 - STORM UTILITY DRAINAGE PIPING.
2. STRUCTURE ADEQUATE FOR H-20 LOADING.
3. GRATES TO BE ADA COMPLIANT WITHIN HARDSCAPE AREAS.
4. PROVIDE 15" DIAMETER CAST IRON BEEHIVE SHAPE GRATE FOR STRUCTURES DESIGNATED AS PLANTER DRAINS IN PLANTED AREAS.



BEEHIVE GRATE IN PLANTER AREA

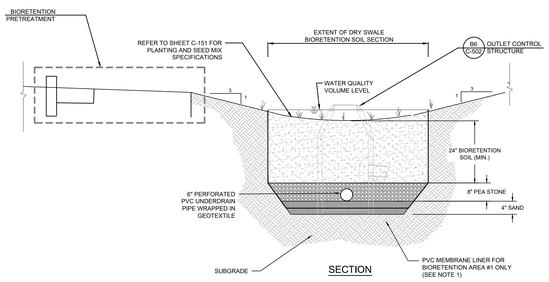


F6 AREA DRAIN / PLANTER DRAIN
N.T.S.



F8 LEACHING CATCH BASIN
N.T.S.

NOTES:
1. DO NOT CONSTRUCT SWALE UNTIL THE CONTRIBUTING DRAINAGE AREA IS PERMANENTLY STABILIZED.
2. DO NOT COVER COMPACTED SUBGRADE OR BIORETENTION PLANTING SOIL DURING CONSTRUCTION.
3. PLANTING: REFER TO PLANTING PLANS AND PLANT SCHEDULE.



SECTION

G6 BIORETENTION AREA SECTION
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

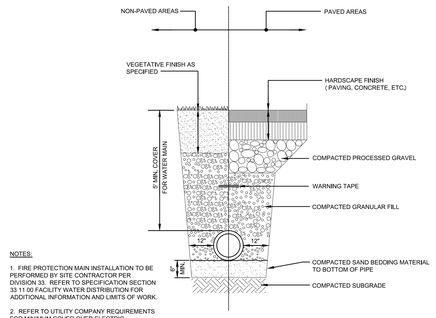
DETAILS II

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	CJR
REVISIONS:	

DD SET

C-502



NOTES:

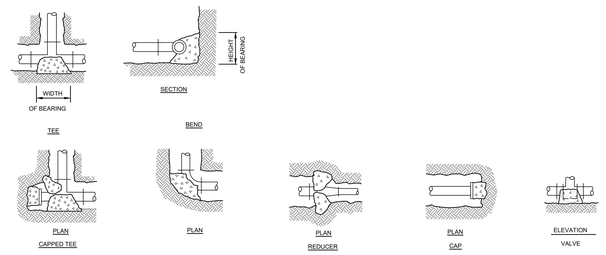
1. FIRE PROTECTION MAIN INSTALLATION TO BE PERFORMED BY SITE CONTRACTOR PER DIVISION 33. REFER TO SPECIFICATION SECTION 33 11 00 FACILITY WATER DISTRIBUTION FOR ADDITIONAL INFORMATION AND LIMITS OF WORK.
2. REFER TO UTILITY COMPANY REQUIREMENTS FOR MINIMUM COVER OVER ELECTRIC, TELECOMMUNICATIONS, AND GAS SERVICES
3. SEE APPLICABLE HARDSCAPE DETAIL FOR THICKNESS OF HARDSCAPE MATERIAL AND BASE COURSE.

B1 TRENCH SECTION - SEWER/WATER/ELEC/TELECOM/GAS
N.T.S.

NOTES:

1. THRUST BLOCK INSTALLATION, INCLUDING EXCAVATION AND BACKFILL, TO BE BY DIVISION 33 (SITE CONTRACTOR).
2. WIDTH & HEIGHT OF BEARING AREAS SHALL BE APPROX. THE SAME.
3. BEARING SHALL BE ON UNDISTURBED SOIL.

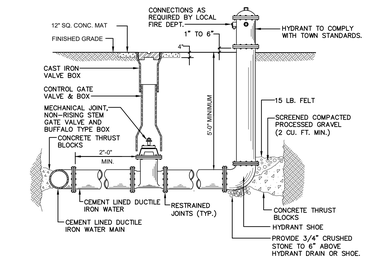
MINIMUM BEARING AREA (SQUARE FEET)							
FITTINGS PIPE SZ.	BENDS				CAPS & TEES	VALVES	REDUC.
	90 °	45 °	22-1/2°	11-1/4°			
4"-6"	4	2	2	2	3	3	3
8"	6	3	3	3	5	5	5



B2 THRUST BLOCKS - WATER AND FORCE MAINS
N.T.S.

NOTES:

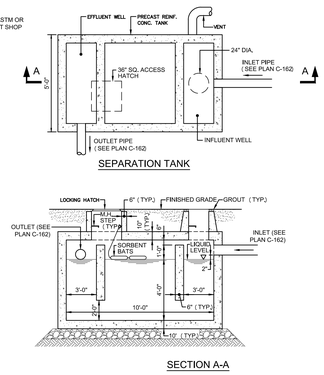
1. FIRE HYDRANT, MAIN AND APPURTENANCES, INCLUDING EXCAVATION AND BACKFILL, BY SITE CONTRACTOR PER DIVISION 33.
2. EXTEND RISER SECTION AS REQUIRED TO ESTABLISH PROPER HYDRANT ELEVATION.
3. SEE THRUST BLOCK DETAIL FOR CONCRETE THRUST BLOCK REQUIREMENTS.



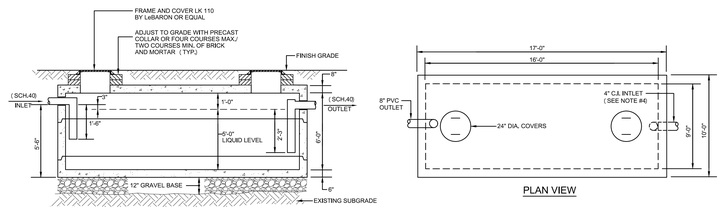
B6 HYDRANT
N.T.S.

NOTES:

1. CONCRETE TO BE PRECAST PER ASTM OR CAST-IN-PLACE, H-20 LOAD. SUBMIT SHOP DRAWINGS.



B8 1,500 GALLON OIL-WATER SEPARATOR
N.T.S.

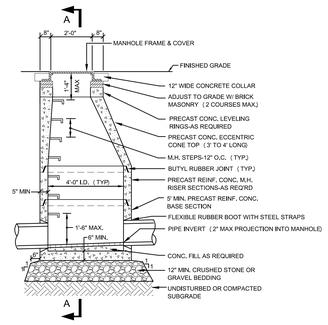


CROSS SECTION VIEW

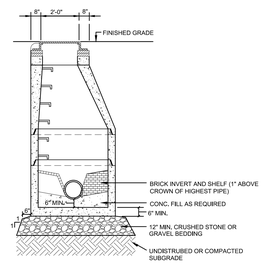
NOTES:

1. CONCRETE: 5000 PSI @ 28 DAYS
2. STRUCTURE ADEQUATE FOR H-20 LOADING
3. NEOPRENE SEAL TO CONFORM TO ASTMC-433
4. PROVIDE ADDITIONAL 4" C.I. INLET IF ALTERNATE #1 IS TAKEN

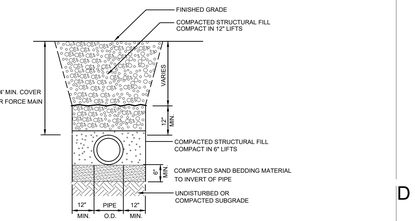
D1 5000 GALLON GREASE TRAP
N.T.S.



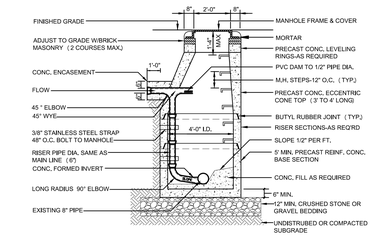
D4 STANDARD SEWER MANHOLE
N.T.S.



SECTION A



D8 FORCE MAIN
N.T.S.



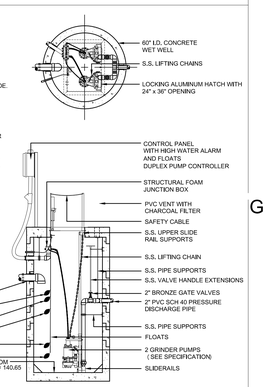
NOTE:

1. CONCRETE REINFORCING SUFFICIENT TO WITHSTAND H-20 LOADING.

F1 DROP SEWER MANHOLE (INTERIOR)
N.T.S.

NOTES:

1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. ALL REINFORCEMENT PER ASTM C1227-93.
3. JOINT SEALED WITH BUTYL RESIN.
4. ALL STRUCTURES TO BE H-20 LOADING.
5. BRING FRAME AND COVER AND ALUMINUM HATCH TO FINISH GRADE. HATCH TO BE H-20 LOADING.
6. THE PUMPS SHALL BE EQUIPPED WITH AN AUDIBLE AND VISUAL ALARM, POWERED BY A CIRCUIT SEPARATE FROM THE POWER SUPPLY.
7. ONE REMOTE ALARM IS TO BE INSTALLED IN THE BUILDING, REFER TO BUILDING CONTROL PLANS.
8. THE PUMP AND ITS CONTROLS SHALL BE INSTALLED ACCORDING TO MANUFACTURES SPECIFICATIONS AND IN COMPLIANCE WITH ALL STATE AND LOCAL REGULATIONS.
9. PUMP STATION TO BE PROVIDED WITH ALTERNATE SOURCE OF POWER IN CASE OF PRIMARY POWER FAILURE.
10. PUMP STATION TO BE EQUIPPED WITH TELEMETRY CONNECTION TO CONTRACTOR PERSONNEL FOR 24/7 ALARM MONITORING.



A8 DUPLEX GRINDER PUMP STATION
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS III

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	CJR
REVISIONS:	

DD SET

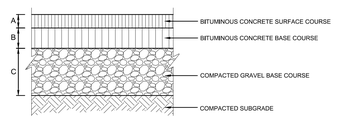
C-503

B1 BITUMINOUS CONCRETE PAVEMENT
N.T.S.

NOTE:

1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.

	SURFACE COURSE "A"	BASE COURSE "B"	GRAVEL BASE "C"
STANDARD DUTY	1½"	2½"	12"
HEAVY DUTY	1½"	3"	18"
WALKWAY	1½"	1½"	6"

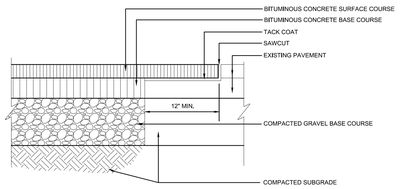


SECTION

B2 BITUMINOUS CONCRETE AT EXISTING PAVEMENT
N.T.S.

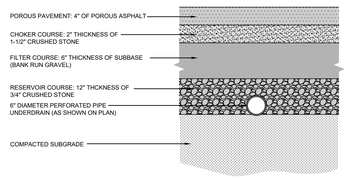
NOTE:

1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.



SECTION

B4 POROUS PAVEMENT
N.T.S.

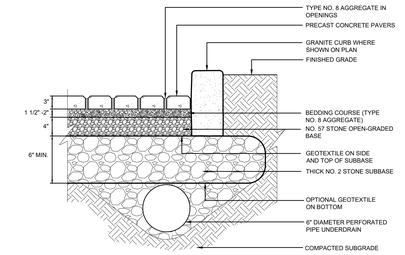


SECTION

B6 PERMEABLE PAVERS
N.T.S.

NOTE:

1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.

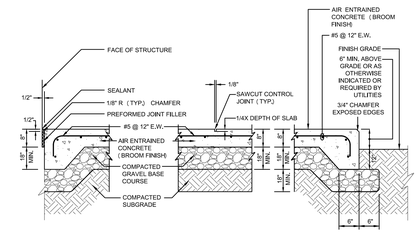


SECTION

B8 EQUIPMENT PAD
N.T.S.

NOTES:

1. PROVIDE SCORE JOINT ONLY AS INDICATED ON PLAN.
2. COORDINATE EXACT PAD DIMENSIONS AND CONDUIT PENETRATIONS WITH THE APPROVED EQUIPMENT AND THE ARCHITECT PRIOR TO INSTALLATION.



EXPANSION JOINT CONTROL JOINT EDGE

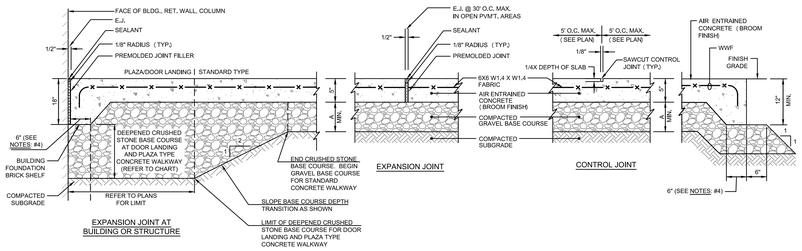
D1 CONCRETE WALKWAY
N.T.S.

NOTES:

1. PROVIDE EXPANSION JOINT AT FACE OF ABUTTING SLABS AND STRUCTURES.
2. PROVIDE CURBING PER SHEETS C-121 AND C-122.
3. CONCRETE WALKWAY TO BE STANDARD TYPE UNLESS OTHERWISE NOTED ON PLANS AND DETAILS.
4. INCREASE BOTTOM WIDTH OF HAUNCH TO 8" AT LOADING DOCK ACCESSIBLE RAMP AND TO 12" AT MOUNTING SLAB FOR PREFABRICATED ACCESSIBLE RAMP STRUCTURE AT PRESS BOX.
5. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.

CONCRETE WALKWAY TYPE	BASE COURSE MATERIAL	THICKNESS (A)
STANDARD	GRAVEL BASE COURSE	12"
DOOR LANDING (6' FROM BUILDING)	3/4" CRUSHED STONE	30"
PLAZA (WITHIN 20' FROM BUILDING*)	3/4" CRUSHED STONE	30"

* UNLESS OTHERWISE NOTED ON PLANS



EXPANSION JOINT AT BUILDING OR STRUCTURE

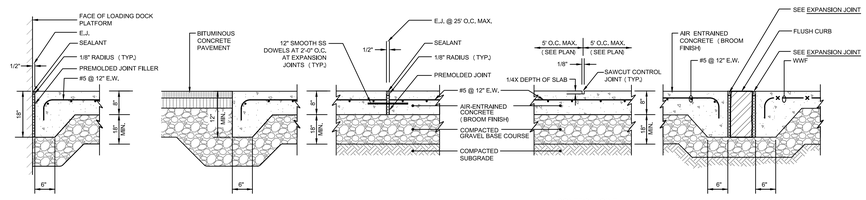
EXPANSION JOINT

CONTROL JOINT

D4 THICKENED CONCRETE PAVEMENT
N.T.S.

NOTES:

1. PROVIDE EXPANSION JOINT AT FACE OF ABUTTING SLABS AND STRUCTURES.
2. PROVIDE CURBING PER SHEETS C-121 AND C-122.
3. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.



EXPANSION JOINT AT BUILDING OR LOADING DOCK

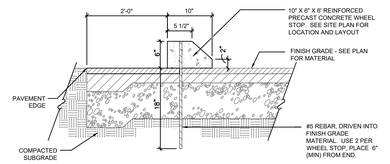
EDGE CONDITION AT BITUMINOUS CONCRETE PAVEMENT

EXPANSION JOINT

CONTROL JOINT

EDGE CONDITION AT FLUSH CURB AND CONCRETE WALKWAY

D8 PRECAST CONCRETE PARKING BUMPER
N.T.S.

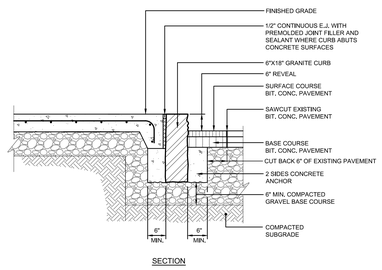


SECTION

F1 VERTICAL GRANITE CURB
N.T.S.

NOTES:

1. WHEN VERTICAL GRANITE CURB IS TO BE INSTALLED ADJACENT TO EXISTING PAVEMENT, CONTRACTOR SHALL SAWCUT THE EXISTING PAVEMENT AS SHOWN.
2. IF EXISTING PAVEMENT COURSES ARE THICKER THAN PROPOSED PAVEMENT COURSES, THE THICKNESS OF THE PROPOSED PAVEMENT COURSES SHALL AT A MINIMUM MATCH THE EXISTING PAVEMENT COURSES.

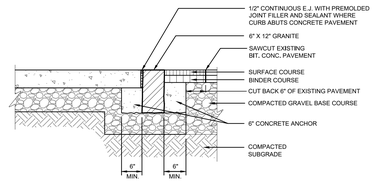


SECTION

F2 FLUSH GRANITE CURB
N.T.S.

NOTES:

1. WHEN FLUSH GRANITE CURB IS TO BE INSTALLED ADJACENT TO EXISTING PAVEMENT, CONTRACTOR SHALL SAWCUT THE EXISTING PAVEMENT AS SHOWN.
2. IF EXISTING PAVEMENT COURSES ARE THICKER THAN PROPOSED PAVEMENT COURSES, THE THICKNESS OF THE PROPOSED PAVEMENT COURSES SHALL AT A MINIMUM MATCH THE EXISTING PAVEMENT COURSES.

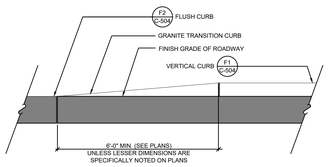


SECTION

F4 GRANITE TRANSITION CURB
N.T.S.

NOTES:

1. WHEN GRANITE TRANSITION CURB IS TO BE INSTALLED ADJACENT TO EXISTING PAVEMENT, CONTRACTOR SHALL SAWCUT THE EXISTING PAVEMENT.
2. IF EXISTING PAVEMENT COURSES ARE THICKER THAN PROPOSED PAVEMENT COURSES, THE THICKNESS OF THE PROPOSED PAVEMENT COURSES SHALL AT A MINIMUM MATCH THE EXISTING PAVEMENT COURSES.

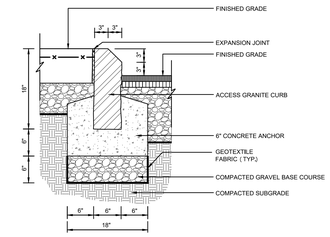


ELEVATION

F6 ACCESS GRANITE CURB
N.T.S.

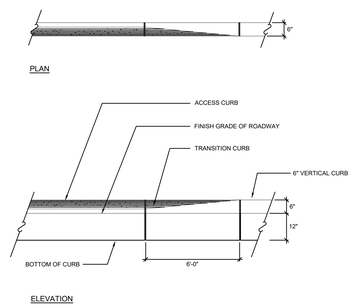
NOTES:

1. WHEN ACCESS GRANITE CURB IS TO BE INSTALLED ADJACENT TO EXISTING PAVEMENT, CONTRACTOR SHALL SAWCUT THE EXISTING PAVEMENT.
2. PROVIDE 6" TRANSITION FROM CHAMFERED EDGE OF ACCESS CURB TO SQUARE EDGE OF ADJACENT CURB.



SECTION

F8 GRANITE TRANSITION CURB AT ACCESS GRANITE CURB
N.T.S.

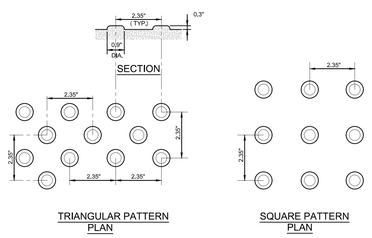


ELEVATION

G1 CAST IRON DETECTABLE WARNING SURFACE
N.T.S.

NOTES:

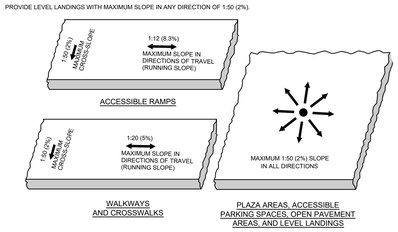
1. DETECTABLE WARNING SURFACES TO EXTEND FULL WIDTH OF CURB RAMP.
2. DETECTABLE WARNING SURFACES TO BE INSTALLED AT ALL ACCESSIBLE CURB CUTS AND ACCESSIBLE CURB CUT RAMPS.



G2 PAVEMENT SLOPES
N.T.S.

NOTES:

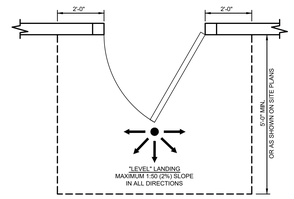
1. ACCESSIBLE PARKING SPACES:
   - MAXIMUM SLOPE 1:50 (2%) IN ANY DIRECTION.
2. WALKWAYS, PLAZAS, AND OPEN PAVEMENT AREAS:
   - SLOPE REQUIREMENTS APPLY TO ALL WALKWAY, CROSSWALK, PLAZA, AND OPEN PAVEMENT AREA SURFACES AND ARE NOT LIMITED TO ACCESSIBLE ROUTES.
   - IN THE EVENT OF DISCREPANCY BETWEEN THE MAXIMUM ACCESSIBLE CROSS SLOPE OR RUNNING SLOPE PER THE DETAILS AND THE GRADING SHOWN ON THE DRAWINGS, NOTIFY ARCHITECT PRIOR TO CONSTRUCTING THE PAVEMENT.
3. ACCESSIBLE CURB CUTS:
   - PROVIDE FLUSH TRANSITION FROM CURB CUTS TO ADJACENT WALKS AND STREETS, FREE OF CHANGES IN LEVEL GREATER THAN 1/2-INCH.
   - THE SLOPE OF THE LEVEL LANDING AT THE TOP OF THE CURB CUT SHALL NOT EXCEED 1:50 (2%) IN ANY DIRECTION.
4. LEVEL LANDINGS:
   - PROVIDE LEVEL LANDINGS WITH MAXIMUM SLOPE IN ANY DIRECTION OF 1:50 (2%).



G4 LEVEL LANDING AT BUILDING ENTRANCES
N.T.S.

NOTE:

1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.

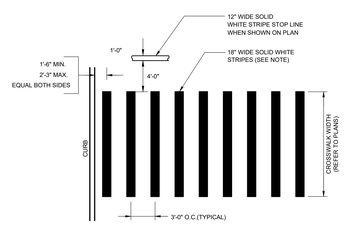


PLAN

G6 CROSSWALK
N.T.S.

NOTES:

1. CROSSWALKS SHALL MEET ADA AND MAAB REQUIREMENTS FOR ACCESSIBILITY.
2. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
3. CROSSWALKS AND TRAFFIC CONTROL MARKINGS LOCATED ON SCHOOL PROPERTY TO BE PAINTED WITH WATER-BASED PAINT.
4. CROSSWALKS AND TRAFFIC CONTROL MARKINGS LOCATED WITHIN PUBLIC RIGHTS-OF-WAY TO BE HIGH VISIBILITY THERMOPLASTIC.

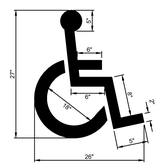


PLAN

G8 ACCESSIBLE PARKING SYMBOL
N.T.S.

NOTE:

1. ACCESSIBLE PARKING PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD AND THE FEDERAL ADA RULES AND REGULATIONS.



PLAN

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

DETAILS IV

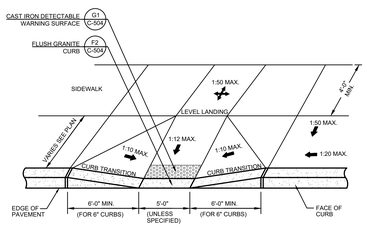
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-504

NOTES:

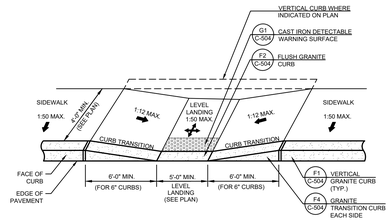
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. ALL CURB CUTS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



B1 ACCESSIBLE CURB CUT (TYPE 1)
N.T.S.

NOTES:

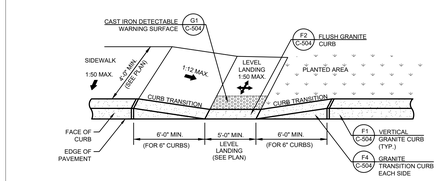
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE CURB CUTS ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ALL CURB CUT RAMPS AND LEVEL LANDINGS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



B2 ACCESSIBLE CURB CUT (TYPE 2A)
N.T.S.

NOTES:

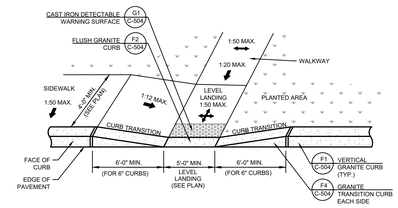
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE CURB CUTS ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ALL CURB CUT RAMPS AND LEVEL LANDINGS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



B4 ACCESSIBLE CURB CUT (TYPE 2B)
N.T.S.

NOTES:

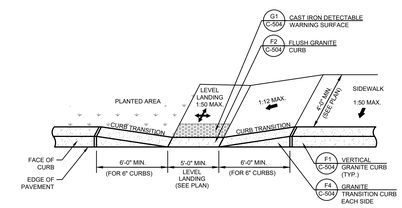
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE CURB CUTS ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ALL CURB CUT RAMPS AND LEVEL LANDINGS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



B6 ACCESSIBLE CURB CUT (TYPE 2C)
N.T.S.

NOTES:

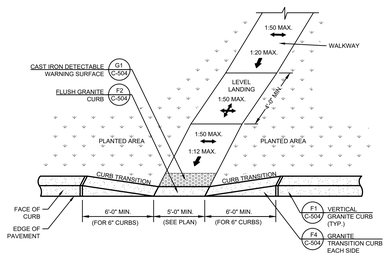
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE CURB CUTS ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ALL CURB CUT RAMPS AND LEVEL LANDINGS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



B8 ACCESSIBLE CURB CUT (TYPE 2D)
N.T.S.

NOTES:

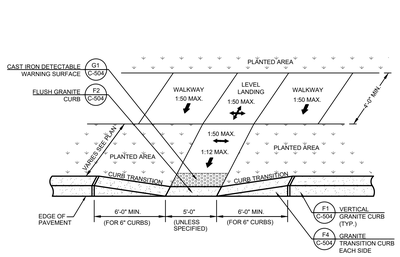
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE CURB CUTS ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ALL CURB CUT RAMPS AND LEVEL LANDINGS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



D1 ACCESSIBLE CURB CUT (TYPE 3A)
N.T.S.

NOTES:

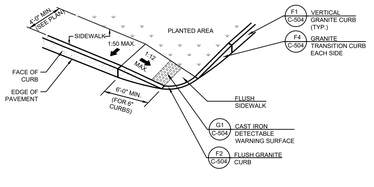
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE CURB CUTS ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ALL CURB CUT RAMPS AND LEVEL LANDINGS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



D2 ACCESSIBLE CURB CUT (TYPE 3B)
N.T.S.

NOTES:

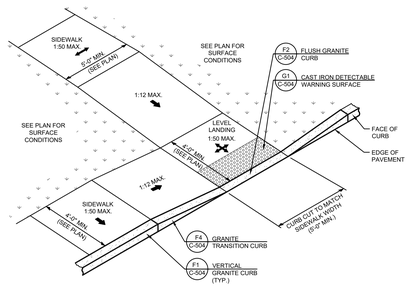
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE CURB CUTS ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ALL CURB CUT RAMPS AND LEVEL LANDINGS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



D4 ACCESSIBLE CURB CUT (TYPE 4)
N.T.S.

NOTES:

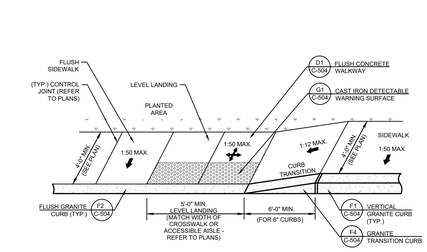
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE CURB CUTS ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ALL CURB CUT RAMPS AND LEVEL LANDINGS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



D6 ACCESSIBLE CURB CUT (TYPE 5)
N.T.S.

NOTES:

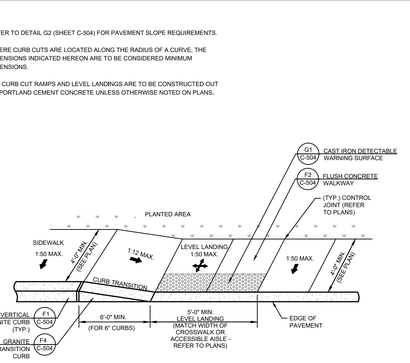
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE CURB CUTS ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ALL CURB CUT RAMPS AND LEVEL LANDINGS ARE TO BE CONSTRUCTED OUT OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE NOTED ON PLANS.



D8 ACCESSIBLE CURB CUT (TYPE 6A)
N.T.S.

NOTES:

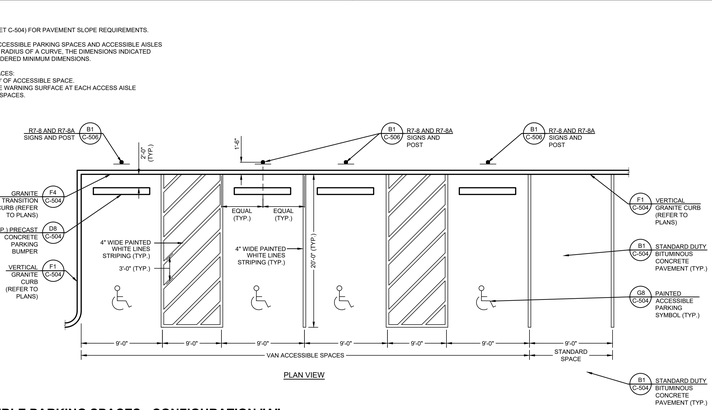
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. ACCESSIBLE PARKING SPACES:
   - LOCATE SIGN WITHIN 10' OF ACCESSIBLE SPACE.
   - PROVIDE A DETECTABLE WARNING SURFACE AT EACH ACCESS AISLE BETWEEN ACCESSIBLE SPACES.



F1 ACCESSIBLE CURB CUT (TYPE 6B)
N.T.S.

NOTES:

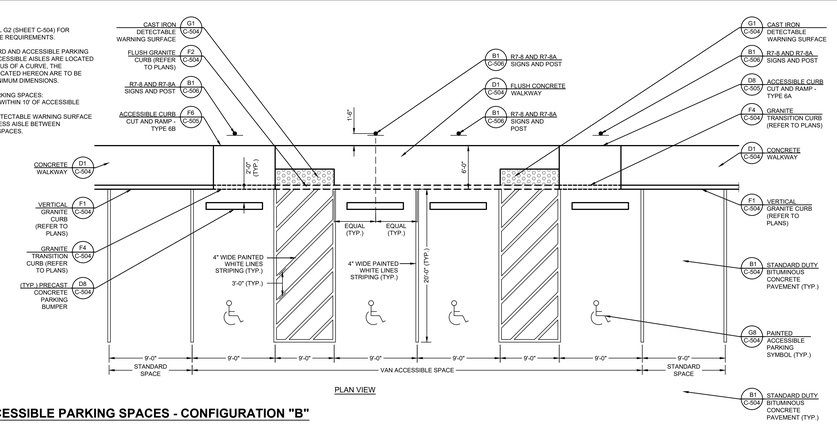
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE STANDARD AND ACCESSIBLE PARKING SPACES AND ACCESSIBLE AISLES ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ACCESSIBLE PARKING SPACES:
   - LOCATE SIGN WITHIN 10' OF ACCESSIBLE SPACE.
   - PROVIDE A DETECTABLE WARNING SURFACE AT EACH ACCESS AISLE BETWEEN ACCESSIBLE SPACES.



F2 ACCESSIBLE PARKING SPACES - CONFIGURATION "A"
N.T.S.

NOTES:

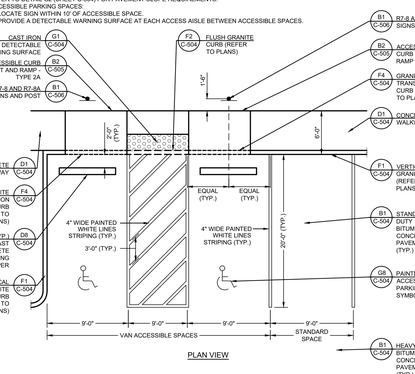
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. WHERE STANDARD AND ACCESSIBLE PARKING SPACES AND ACCESSIBLE AISLES ARE LOCATED ALONG THE RADIUS OF A CURVE, THE DIMENSIONS INDICATED HEREON ARE TO BE CONSIDERED MINIMUM DIMENSIONS.
3. ACCESSIBLE PARKING SPACES:
   - LOCATE SIGN WITHIN 10' OF ACCESSIBLE SPACE.
   - PROVIDE A DETECTABLE WARNING SURFACE AT EACH ACCESS AISLE BETWEEN ACCESSIBLE SPACES.



F6 ACCESSIBLE PARKING SPACES - CONFIGURATION "B"
N.T.S.

NOTES:

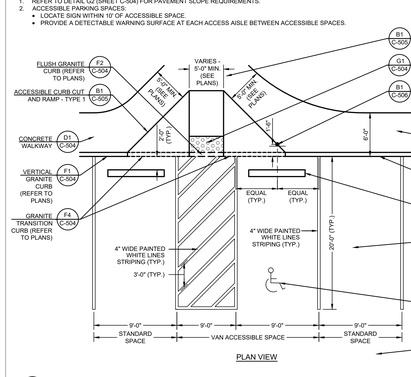
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. ACCESSIBLE PARKING SPACES:
   - LOCATE SIGN WITHIN 10' OF ACCESSIBLE SPACE.
   - PROVIDE A DETECTABLE WARNING SURFACE AT EACH ACCESS AISLE BETWEEN ACCESSIBLE SPACES.



G1 ACCESSIBLE PARKING SPACES - CONFIGURATION "C"
N.T.S.

NOTES:

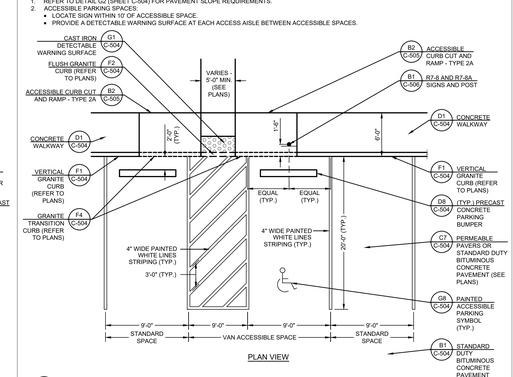
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. ACCESSIBLE PARKING SPACES:
   - LOCATE SIGN WITHIN 10' OF ACCESSIBLE SPACE.
   - PROVIDE A DETECTABLE WARNING SURFACE AT EACH ACCESS AISLE BETWEEN ACCESSIBLE SPACES.



G2 ACCESSIBLE PARKING SPACES - CONFIGURATION "D"
N.T.S.

NOTES:

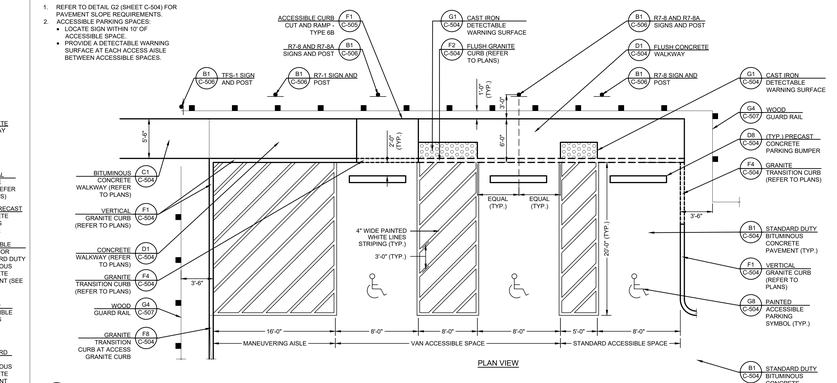
1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. ACCESSIBLE PARKING SPACES:
   - LOCATE SIGN WITHIN 10' OF ACCESSIBLE SPACE.
   - PROVIDE A DETECTABLE WARNING SURFACE AT EACH ACCESS AISLE BETWEEN ACCESSIBLE SPACES.



G4 ACCESSIBLE PARKING SPACES - CONFIGURATION "E"
N.T.S.

NOTES:

1. REFER TO DETAIL G2 (SHEET C-504) FOR PAVEMENT SLOPE REQUIREMENTS.
2. ACCESSIBLE PARKING SPACES:
   - LOCATE SIGN WITHIN 10' OF ACCESSIBLE SPACE.
   - PROVIDE A DETECTABLE WARNING SURFACE AT EACH ACCESS AISLE BETWEEN ACCESSIBLE SPACES.



G6 ACCESSIBLE PARKING SPACES - CONFIGURATION "F"
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

DETAILS V

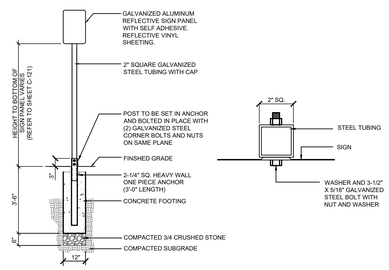
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-505

NOTES:

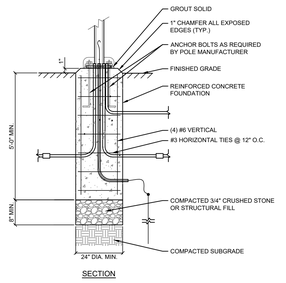
1. SIGN MOUNTING HEIGHTS SHALL CONFORM TO APPLICABLE MUTCD STANDARDS.



B1 TRAFFIC AND PARKING SIGNS
N.T.S.

NOTES:

1. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SITE LIGHTING POLE AND CCTV CAMERA DETAILS INCLUDING, BUT NOT LIMITED TO, CONDUIT QUANTITY AND SIZES, GROUNDING, AND ANCHOR BOLTS.

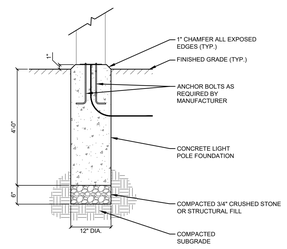


SECTION

B2 LIGHT POLE BASE IN LANDSCAPE
N.T.S.

NOTES:

1. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR BOLLARD LIGHT DETAILS INCLUDING, BUT NOT LIMITED TO, CONDUIT QUANTITY AND SIZES, GROUNDING, AND ANCHOR BOLTS.

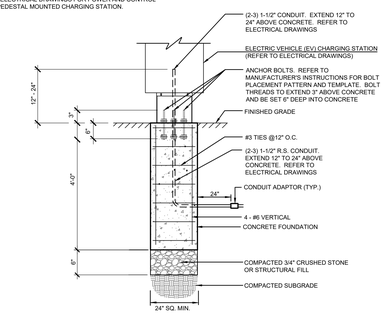


SECTION

B4 BOLLARD LIGHT BASE IN LANDSCAPE
N.T.S.

NOTES:

1. FOUNDATION TO BE INSTALLED PER EV CHARGING STATION MANUFACTURER'S INSTRUCTIONS.
2. SEE ELECTRICAL DRAWINGS FOR POWER AND CONTROL TO PEDESTAL MOUNTED CHARGING STATION.

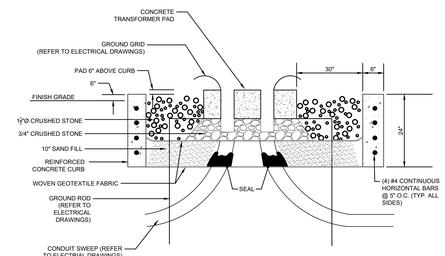


SECTION VIEW

B6 ELECTRIC VEHICLE CHARGING STATION FOUNDATION
N.T.S.

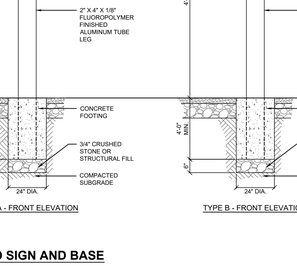
NOTE:

1. COORDINATE EXACT PAD DIMENSIONS AND CONDUIT PENETRATIONS WITH THE APPROVED EQUIPMENT AND THE ARCHITECT PRIOR TO INSTALLATION.



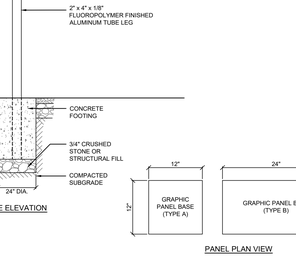
SECTION

B8 OIL CONTAINMENT AT TRANSFORMER PAD
N.T.S.



SECTION

D1 STEEL BOLLARD - TYPE "A"
N.T.S.

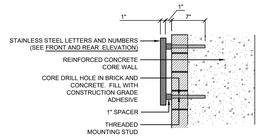


SECTION

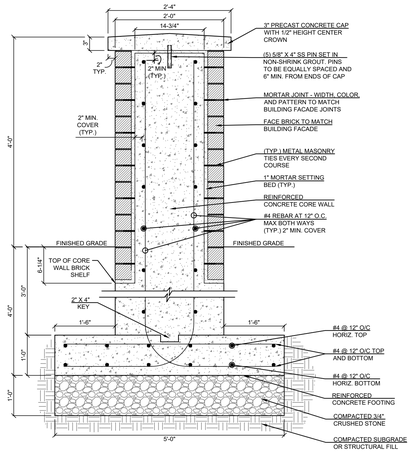
D2 STEEL BOLLARD - TYPE "B"
N.T.S.

NOTES:

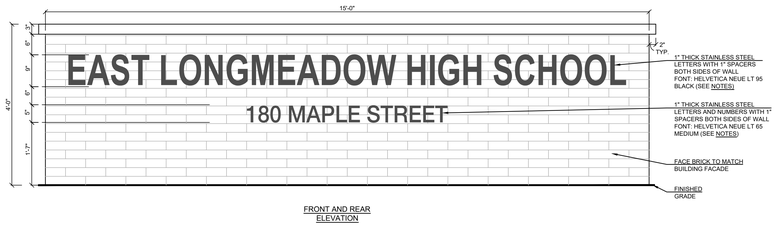
1. "EAST LONGMEADOW HIGH SCHOOL" AND "180 MAPLE STREET" TEXT TO BE CENTERED HORIZONTALLY WITHIN 15' WALL PANEL. LETTERING TO BE PLACED ON BOTH SIDES OF SIGN WALL.



TYPICAL LETTERING ATTACHMENT



SECTION

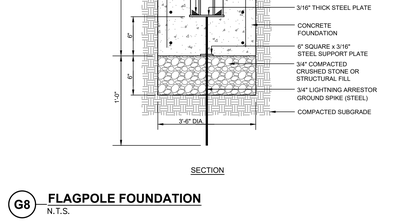


FRONT AND REAR ELEVATION

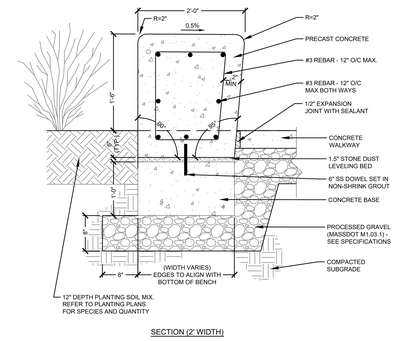
F4 FACE BRICK SCHOOL IDENTIFICATION SIGN WALL
N.T.S.

NOTES:

1. PRECAST CONCRETE BENCH FINISH SHALL BE LIGHT TO MEDIUM SANDBLAST FINISH AS APPROVED BY THE LANDSCAPE ARCHITECT.
2. LIFTING DEVICES, IF AND WHERE REQUIRED, SHALL BE PLACED AND CAST SO AS NOT TO WEAKEN THE UNIT DURING MANUFACTURE AND HANDLING. SUCH DEVICES SHALL NOT INTERFERE WITH THE ERECTION OR PLACING OF THE UNIT IN ITS FINAL POSITION. THESE DEVICES SHALL ALSO BE PERMANENTLY PROTECTED FROM ANY DAMAGE. UNDER NO CIRCUMSTANCES SHALL THEY BE VISIBLE IN THE COMPLETED WORK.
3. ALL REINFORCING STEEL SHALL HAVE A MINIMUM COVERAGE OF AT LEAST 2".
4. ALL PRECAST CONCRETE BENCH UNITS SHALL HAVE A COMPRESSIVE STRENGTH OF AT LEAST 5,000 PSI AT TWENTY-EIGHT (28) DAYS.
5. FURNISHING AND INSTALL ALL INSERTS, DOWELS AND ANCHORS AS REQUIRED FOR LIFTING AND/OR ATTACHMENT OF PRECAST UNITS.

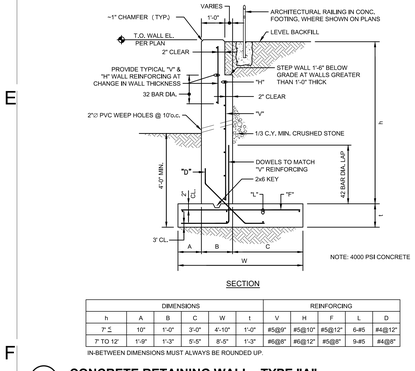


SECTION (3' WIDTH)



SECTION (2' WIDTH)

F8 PRECAST CONCRETE SEATWALL
N.T.S.



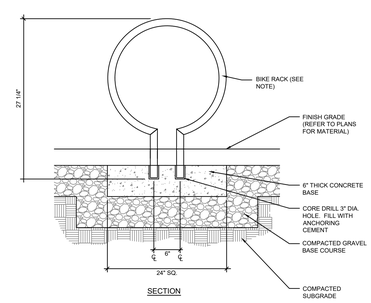
SECTION

DIMENSIONS						REINFORCING				
h	A	B	C	W	I	V	H	F	L	D
7'-5	1'-0"	1'-0"	3'-0"	4'-10"	1'-0"	#5@8"	#5@10"	#5@12"	6-#5	#4@12"
7' TO 12'	1'-6"	1'-3"	5'-5"	8'-5"	1'-3"	#6@8"	#6@12"	#5@8"	9-#5	#4@8"

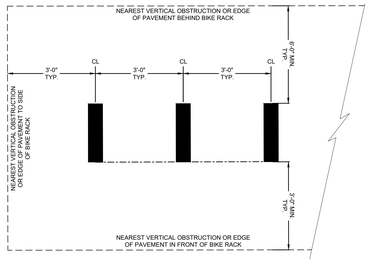
IN-BETWEEN DIMENSIONS MUST ALWAYS BE ROUNDED UP.

F1 CONCRETE RETAINING WALL - TYPE "A"
N.T.S.

G1 LEED SIGN AND BASE
N.T.S.



SECTION



PLAN

G4 BIKE RACK INSTALLATION
N.T.S.

SECTION

G8 FLAGPOLE FOUNDATION
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS VI

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

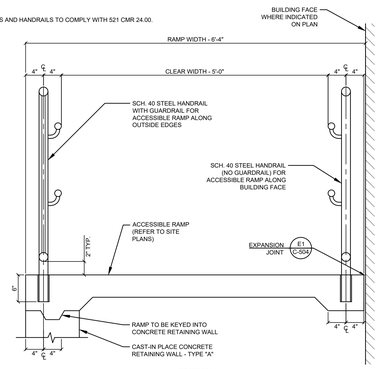
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-506

NOTES:

1. RAMPS AND HANDRAILS TO COMPLY WITH 521 CMR 24.00.

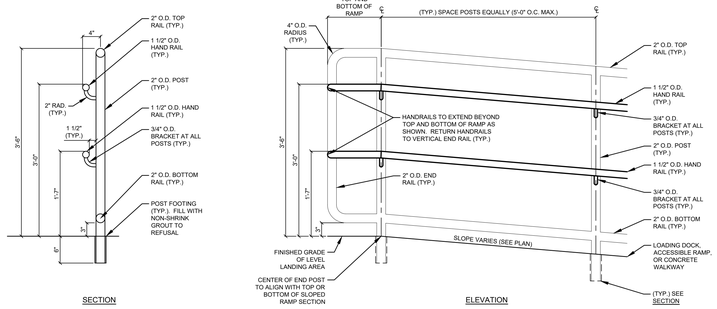


SECTION

B1 ACCESSIBLE RAMP AT LOADING DOCK
N.T.S.

NOTES:

1. HANDRAILS TO COMPLY WITH 521 CMR 24.00.
2. ALL COMPONENTS OF HANDRAILS ARE TO BE SCH. 40 GALVANIZED STEEL.

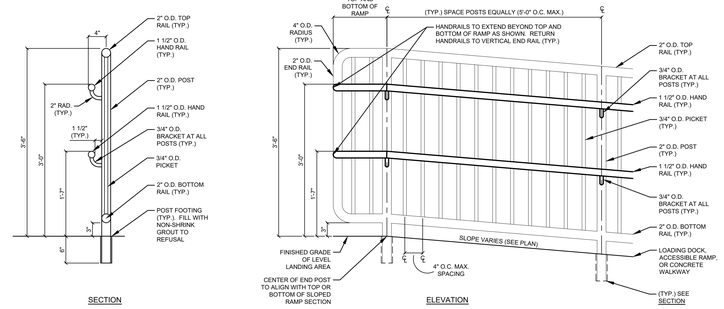


SECTION ELEVATION

B2 SCH. 40 STEEL HANDRAIL (NO GUARDRAIL) FOR ACCESSIBLE RAMP
N.T.S.

NOTES:

1. HANDRAILS AND GUARDRAILS TO COMPLY WITH 521 CMR 24.00.
2. ALL COMPONENTS OF HANDRAILS AND GUARDRAILS ARE TO BE SCH. 40 GALVANIZED STEEL.

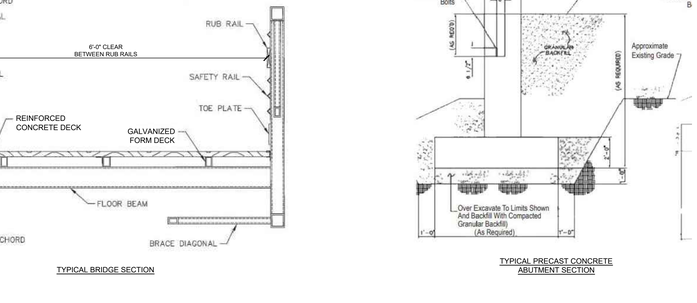


SECTION ELEVATION

B6 SCH. 40 STEEL HANDRAIL WITH GUARDRAIL FOR ACCESSIBLE RAMP
N.T.S.

NOTES:

1. GUARDRAILS TO COMPLY WITH 521 CMR 24.00.
2. ALL COMPONENTS OF GUARDRAILS ARE TO BE SCH. 40 GALVANIZED STEEL.

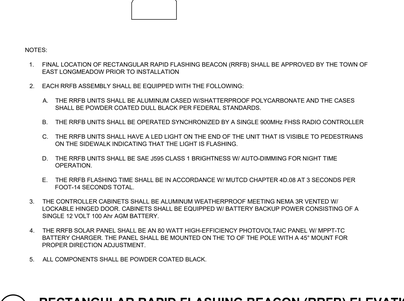


SECTION ELEVATION

D1 SCH. 40 STEEL GUARDRAIL (NO HANDRAIL)
N.T.S.

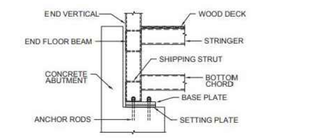
NOTES:

1. ALL HARDWARE AND FASTENERS SHALL BE HOT-DIPPED GALVANIZED.
2. PROVIDE HEAVY DUTY LAMINATED EXTERIOR COMMERCIAL GRADE LOCK PAD. PROVIDE (6) KEYS.
3. PROVIDE 8"x8" POSTS (1 EACH SIDE) AS KEEPER POST FABRICATED TO LOCK GATE OPEN.

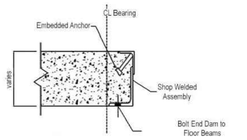


SECTION VIEW

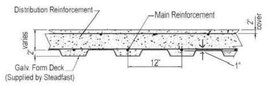
D8 DOUBLE BARRICADE GATE
N.T.S.



BEARING DETAIL



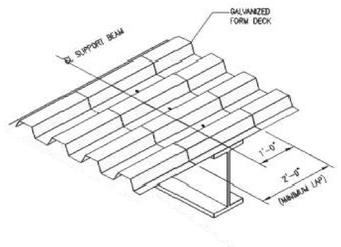
END DAM DETAIL

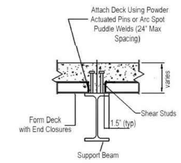


TYPICAL REINFORCED CONCRETE DECK DETAILS

TYPICAL BRIDGE SECTION

G1 BIORETENTION AREA CROSSING
N.T.S.





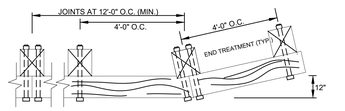
TYPICAL FORM DECK DETAILS

TYPICAL PRECAST CONCRETE ABUTMENT SECTION

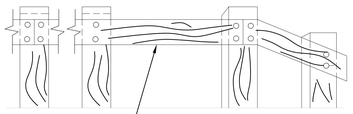
G4 WOOD GUARD RAIL
N.T.S.

NOTES:

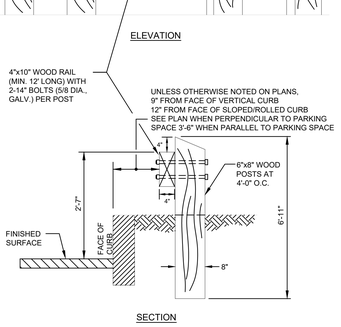
1. ALL WOOD COMPONENTS OF GUARDRAIL TO BE PRESSURE-TREATED.
2. ALL FASTENERS TO BE HOT DIPPED GALVANIZED STEEL.



PLAN

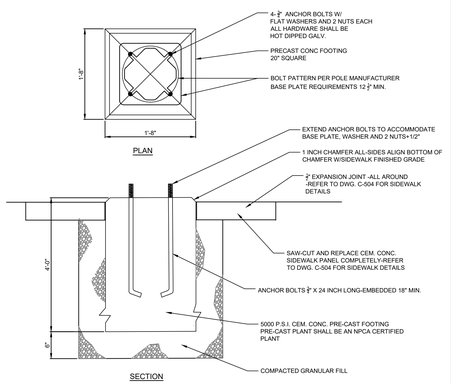


ELEVATION



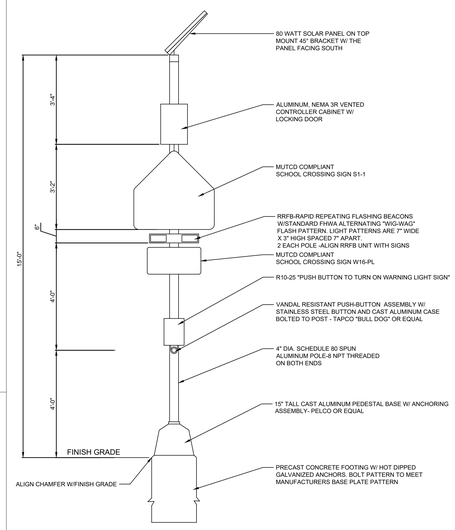
SECTION

G6 RECTANGULAR RAPID FLASHING BEACON FOOTING
N.T.S.



SECTION

G8 RECTANGULAR RAPID FLASHING BEACON (RRFB) ELEVATION
N.T.S.



NOTES:

1. FINAL LOCATION OF RECTANGULAR RAPID FLASHING BEACON (RRFB) SHALL BE APPROVED BY THE TOWN OF EAST LONGMEADOW PRIOR TO INSTALLATION
2. EACH RRFB ASSEMBLY SHALL BE EQUIPPED WITH THE FOLLOWING:
   A. THE RRFB UNITS SHALL BE ALUMINUM CASED W/SHATTERPROOF POLYCARBONATE AND THE CASES SHALL BE POWDER COATED DULL BLACK PER FEDERAL STANDARDS.
   B. THE RRFB UNITS SHALL BE OPERATED SYNCHRONIZED BY A SINGLE 900MHz FHSS RADIO CONTROLLER
   C. THE RRFB UNITS SHALL HAVE A LED LIGHT ON THE END OF THE UNIT THAT IS VISIBLE TO PEDESTRIANS ON THE SIDEWALK INDICATING THAT THE LIGHT IS FLASHING.
   D. THE RRFB UNITS SHALL BE SAE J595 CLASS 1 BRIGHTNESS W/ AUTO-DIMMING FOR NIGHT TIME OPERATION.
   E. THE RRFB FLASHING TIME SHALL BE IN ACCORDANCE W/ MUTCD CHAPTER 4D.08 AT 3 SECONDS PER FOOT-14 SECONDS TOTAL.
3. THE CONTROLLER CABINETS SHALL BE ALUMINUM WEATHERPROOF MEETING NEMA 3R VENTED W/ LOCKABLE HINGED DOOR. CABINETS SHALL BE EQUIPPED W/ BATTERY BACKUP POWER CONSISTING OF A SINGLE 12 VOLT 100 Ahr AGM BATTERY.
4. THE RRFB SOLAR PANEL SHALL BE AN 80 WATT HIGH-EFFICIENCY PHOTOVOLTAIC PANEL W/ MPPT-TC BATTERY CHARGER. THE PANEL SHALL BE MOUNTED ON THE TO OF THE POLE WITH A 45° MOUNT FOR PROPER DIRECTION ADJUSTMENT.
5. ALL COMPONENTS SHALL BE POWDER COATED BLACK.

G8 RECTANGULAR RAPID FLASHING BEACON (RRFB) ELEVATION
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS VII

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

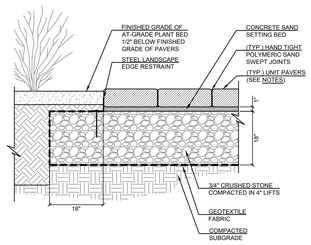
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

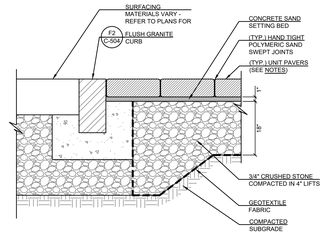
C-507

NOTES:

1. UNIT PAVERS TO BE SET IN MANUFACTURER STANDARD RUNNING BOND PATTERN AS DEPICTED ON PLANS.

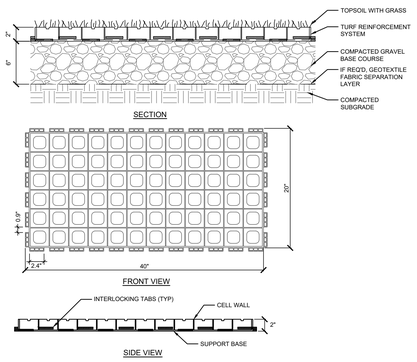


SECTION AT PLANT BED (AT-GRADE)



SECTION AT FLUSH GRANITE CURB

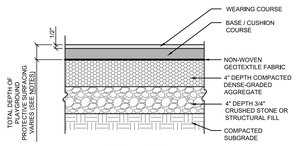
B1 UNIT PAVERS
N.T.S.



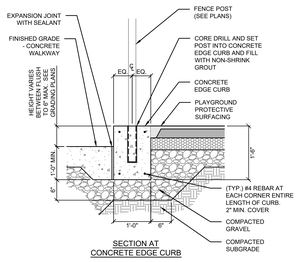
B4 REINFORCED TURF SURFACING
N.T.S.

NOTES:

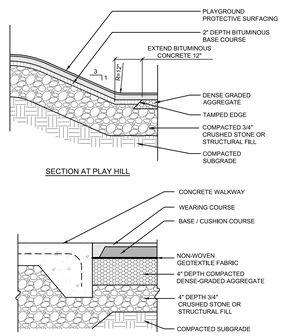
1. PROVIDE DEPTH OF PLAYGROUND SAFETY SURFACING FOR DESIGNATED FALL HEIGHT ZONES AS REQUIRED BY MANUFACTURER.



TYPICAL SECTION



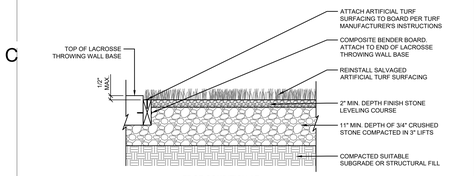
SECTION AT CONCRETE EDGE CURB



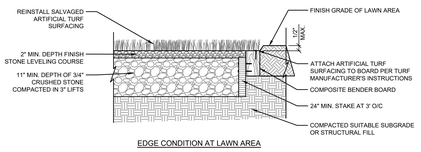
SECTION AT PLAY HILL

EDGE CONDITION AT CONCRETE WALKWAY

B6 PLAYGROUND PROTECTIVE SURFACING
N.T.S.

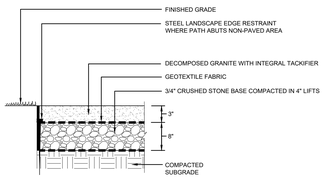


EDGE CONDITION AT LACROSSE THROWING WALL



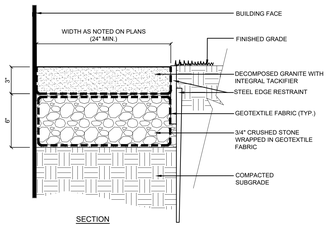
EDGE CONDITION AT LAWN AREA

D1 REINSTALL SALVAGED ARTIFICIAL TURF SURFACING
N.T.S.



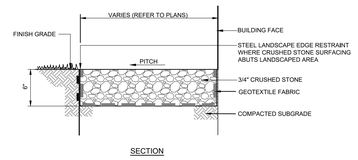
SECTION

D2 DECOMPOSED GRANITE SURFACING
N.T.S.



SECTION

D4 MOW STRIP
N.T.S.

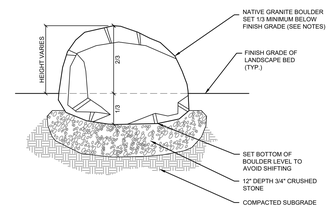


SECTION

D6 CRUSHED STONE SURFACING
N.T.S.

NOTES:

1. INDIVIDUAL BOULDERS ARE TO BE FIELD SELECTED AND FIELD LOCATED BY THE ARCHITECT.
2. REFER TO LAYOUT & MATERIALS PLANS FOR APPROXIMATE BOULDER LOCATIONS AND EDGE CONDITIONS AT INDIVIDUAL BOULDERS.
3. BOULDER SIZE DISTRIBUTION AND DIMENSIONS ARE TO BE AS FOLLOWS:
   - 67% SMALL - LENGTH AND WIDTH = 24"-48"; HEIGHT 18"-24".
   - 33% LARGE - LENGTH AND WIDTH = 48"-72"; HEIGHT 24"-36".

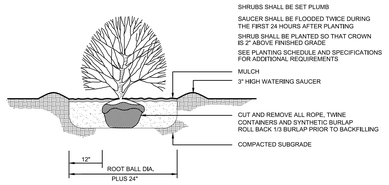


SECTION

D8 PLACED LANDSCAPE BOULDER
N.T.S.

NOTES:

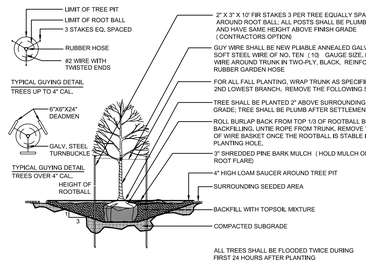
1. ORIENT SHRUB TO HAVE SIMILAR SOLAR ASPECT AS NURSERY, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. TAGS ARE TO BE PLACED ON THE NORTH SIDE OF NURSERY STOCK.



F1 SHRUB PLANTING
N.T.S.

NOTES:

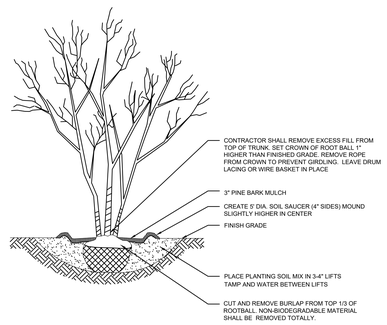
1. ORIENT TREE TO HAVE SIMILAR SOLAR ASPECT AS NURSERY, OR AS DIRECTED BY THE ARCHITECT. TAGS ARE TO BE PLACED ON THE NORTH SIDE OF NURSERY STOCK.



F2 TREE PLANTING DETAIL
N.T.S.

NOTES:

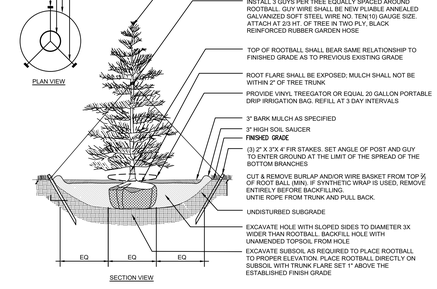
1. SEE SPECIFICATION SECTION 32 90 00 - PLANTING.
2. ORIENT TREE TO HAVE SIMILAR SOLAR ASPECT AS NURSERY, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. TAGS ARE TO BE PLACED ON THE NORTH SIDE OF NURSERY STOCK.



F4 MULTI-STEM TREE PLANTING DETAIL
N.T.S.

NOTES:

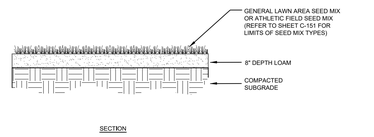
1. ORIENT TREE TO HAVE SIMILAR SOLAR ASPECT AS NURSERY, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. TAGS ARE TO BE PLACED ON THE NORTH SIDE OF NURSERY STOCK.



F6 TYPICAL EVERGREEN TREE PLANTING
N.T.S.

NOTES:

1. AVOID OVERCOMPACTION OF EXISTING SUBGRADE.
2. SCARIFY EXISTING SUBGRADE TO A DEPTH OF 2"-4" (18" IN AREAS WHERE STOCKPILES HAVE BEEN LOCATED) PRIOR TO INSTALLATION OF LOAM LAYER.

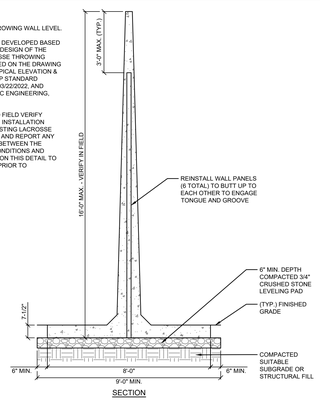


SECTION

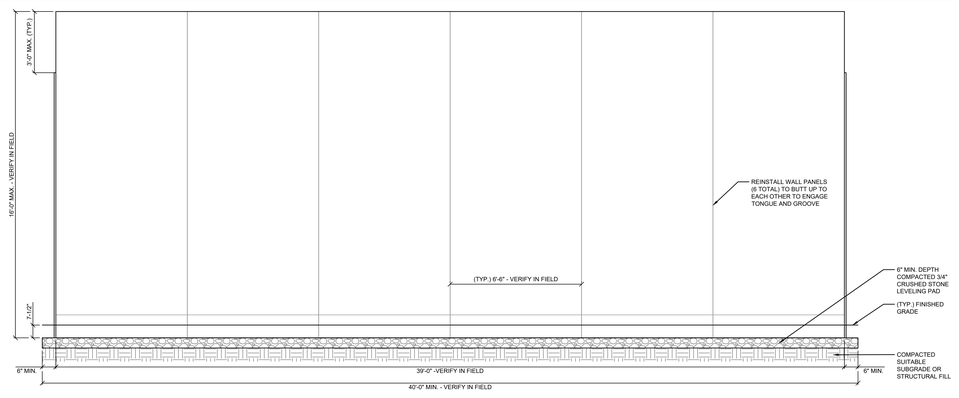
F8 LOAM AND SEED LAWN AREA
N.T.S.

NOTES:

1. SET BASE OF THROWING WALL AT LEVEL.
2. THIS DETAIL WAS DEVELOPED BASED ON THE RECORD DESIGN OF THE EXISTING LACROSSE THROWING WALL AS DEPICTED ON THE DRAWING TITLED "SK-1 - TYPICAL ELEVATION & SECTION FOR SCP STANDARD T-WALL", DATED 03/22/2022, AND PREPARED BY SFC ENGINEERING, WINDHAM, NH.
3. CONTRACTOR TO FIELD VERIFY DIMENSIONS AND INSTALLATION METHODS OF EXISTING LACROSSE THROWING WALL AND REPORT ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND WHAT IS SHOWN ON THIS DETAIL TO THE ARCHITECT PRIOR TO RELOCATION.

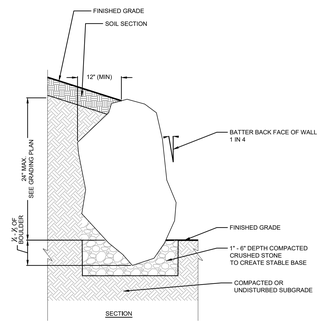


SECTION

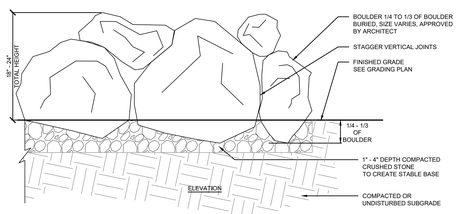


ELEVATION

G1 LACROSSE THROWING WALL REINSTALLATION
N.T.S.



SECTION



ELEVATION

NOTES:

1. ALL STONES MUST BE SECURELY STACKED.
2. MINIMAL BASE IS INTENDED TO PROVIDE STABILITY FOR BOULDER BUT PREVENT IMPACT ON EXISTING ROOT SYSTEMS.
3. DO NOT CUT ANY EXISTING ROOT LARGER THAN 1" DIAMETER.

G6 BOULDER ROW - RETAINING
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS VIII

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

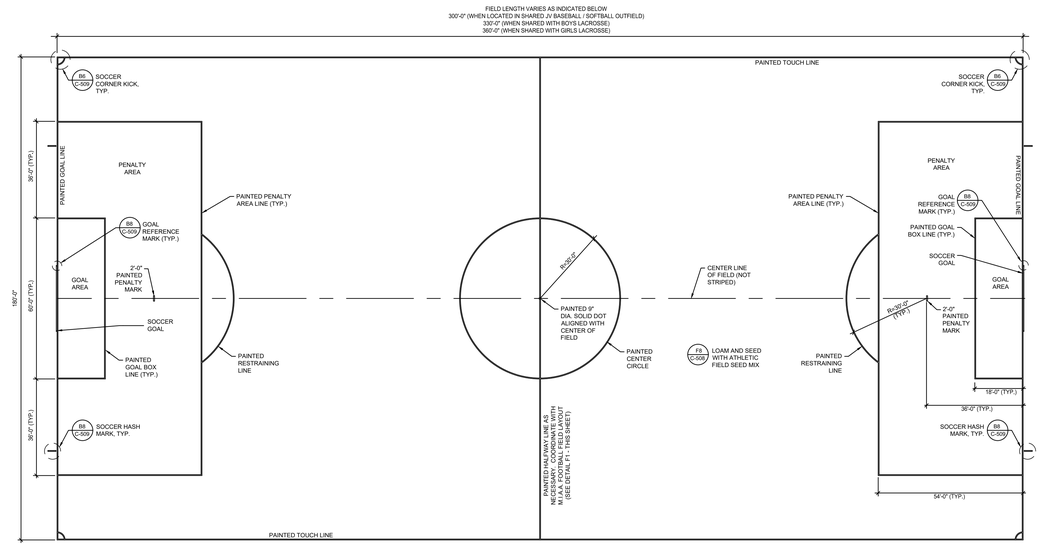
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-508

NOTES:

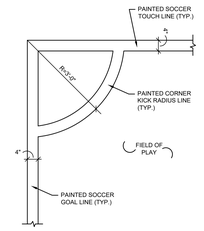
1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL SOCCER LINES SHALL BE 4" WIDE AND YELLOW UNLESS OTHERWISE NOTED.
3. ALL ENDLINES AND SIDELINES ARE CONSIDERED IN-BOUNDS. DIMENSIONS ARE TO OUTSIDE OF LINE.
4. ALL SOCCER LINES SHALL BE DOMINANT OVER LACROSSE.



D1 M.I.A.A. SOCCER FIELD LAYOUT
SCALE: 1"=20'

NOTES:

1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL SOCCER LINES SHALL BE 4" WIDE AND YELLOW UNLESS OTHERWISE NOTED.

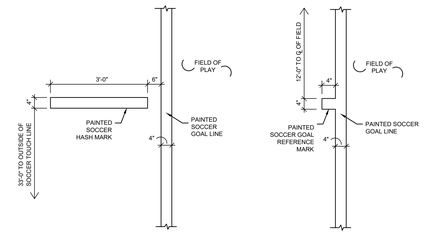


PLAN VIEW

B6 SOCCER CORNER KICK DETAIL
N.T.S.

NOTES:

1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL SOCCER LINES SHALL BE 4" WIDE AND YELLOW UNLESS OTHERWISE NOTED.

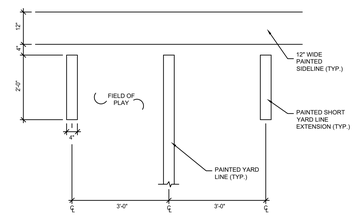


SOCCER HASH MARK GOAL REFERENCE MARK

B8 SOCCER FIELD MARKS
N.T.S.

NOTES:

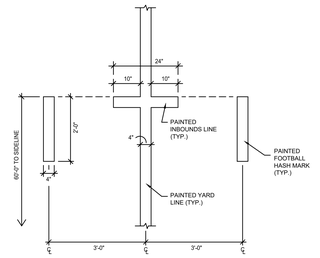
1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL FOOTBALL LINES SHALL BE 4" WIDE AND WHITE UNLESS OTHERWISE NOTED.
3. SIDE LINE ON OPPOSITE SIDE OF FIELD IS A MIRROR IMAGE.



D6 FOOTBALL SIDE LINE DETAIL
N.T.S.

NOTES:

1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL FOOTBALL LINES SHALL BE 4" WIDE AND WHITE UNLESS OTHERWISE NOTED.
3. INBOUND LINES ON OPPOSITE SIDE OF FIELD ARE A MIRROR IMAGE.

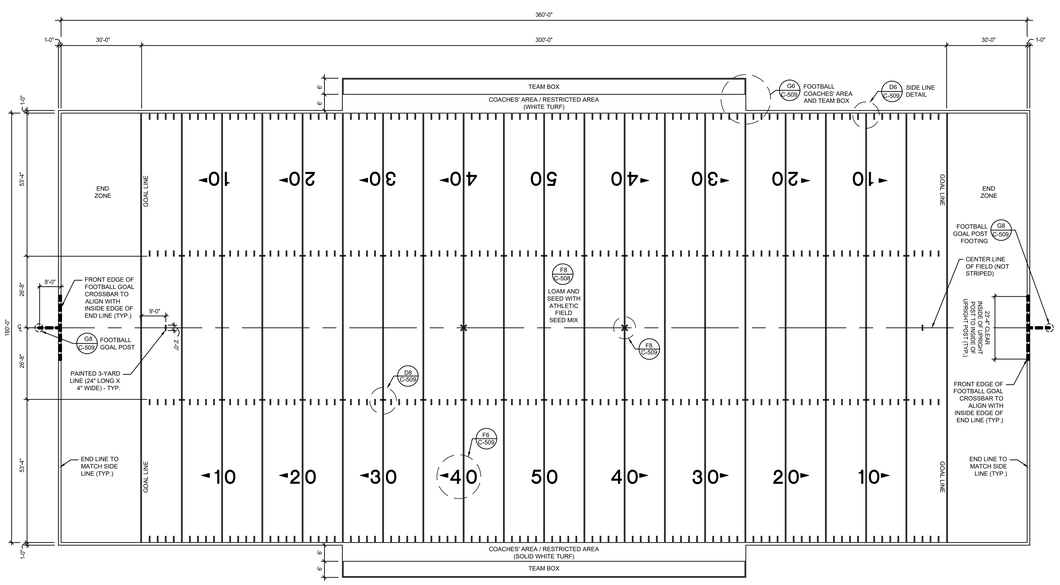


PLAN VIEW

D8 FOOTBALL HASH MARK DETAIL
N.T.S.

NOTES:

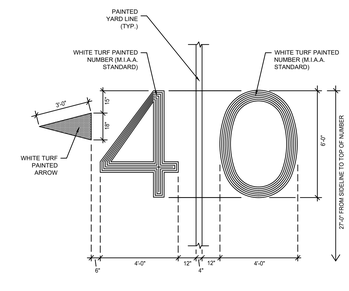
1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL FOOTBALL LINES SHALL BE 4" WIDE AND WHITE UNLESS OTHERWISE NOTED.
3. ALL FOOTBALL ENDLINES AND SIDELINES ARE CONSIDERED OUT-OF-BOUNDS. DIMENSIONS ARE TO INSIDE OF LINE.



G1 M.I.A.A. FOOTBALL FIELD LAYOUT
SCALE: 1"=20'

NOTES:

1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL FOOTBALL LINES SHALL BE 4" WIDE AND WHITE UNLESS OTHERWISE NOTED.
3. YARD LINE NUMBERS ON OPPOSITE SIDE OF FIELD ARE A MIRROR IMAGE.

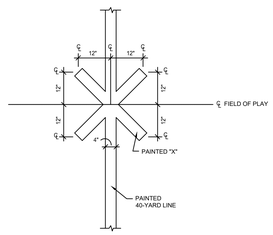


PLAN VIEW

F6 FOOTBALL YARD LINE NUMBERS
N.T.S.

NOTES:

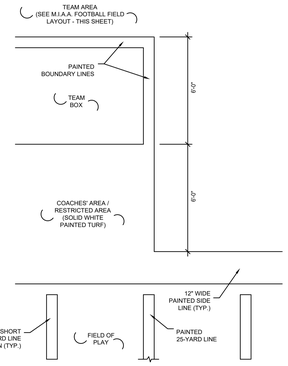
1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A STANDARDS.
2. ALL FOOTBALL LINES SHALL BE 4" WIDE AND WHITE UNLESS OTHERWISE NOTED.
3. PROVIDE KICK-OFF MARKERS AT EACH 40-YARD LINE.



F8 FOOTBALL KICK-OFF MARKER
N.T.S.

NOTES:

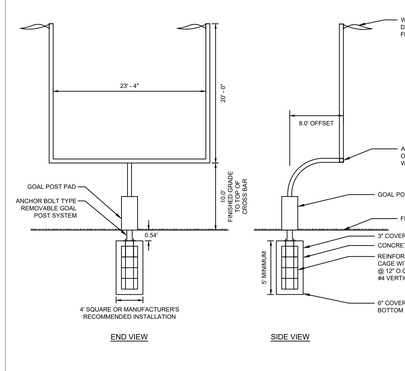
1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL FOOTBALL LINES SHALL BE 4" WIDE AND WHITE UNLESS OTHERWISE NOTED.
3. COACHES BOX ON OPPOSITE SIDE OF FIELD IS MIRROR A IMAGE.



G6 FOOTBALL COACHES' AREA AND TEAM BOX
N.T.S.

NOTES:

1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A STANDARDS.
2. ALL FOOTBALL LINES SHALL BE 4" WIDE AND WHITE UNLESS OTHERWISE NOTED.
3. PROVIDE KICK-OFF MARKERS AT EACH 40-YARD LINE.



END VIEW SIDE VIEW

G8 FOOTBALL GOAL POST
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS IX

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

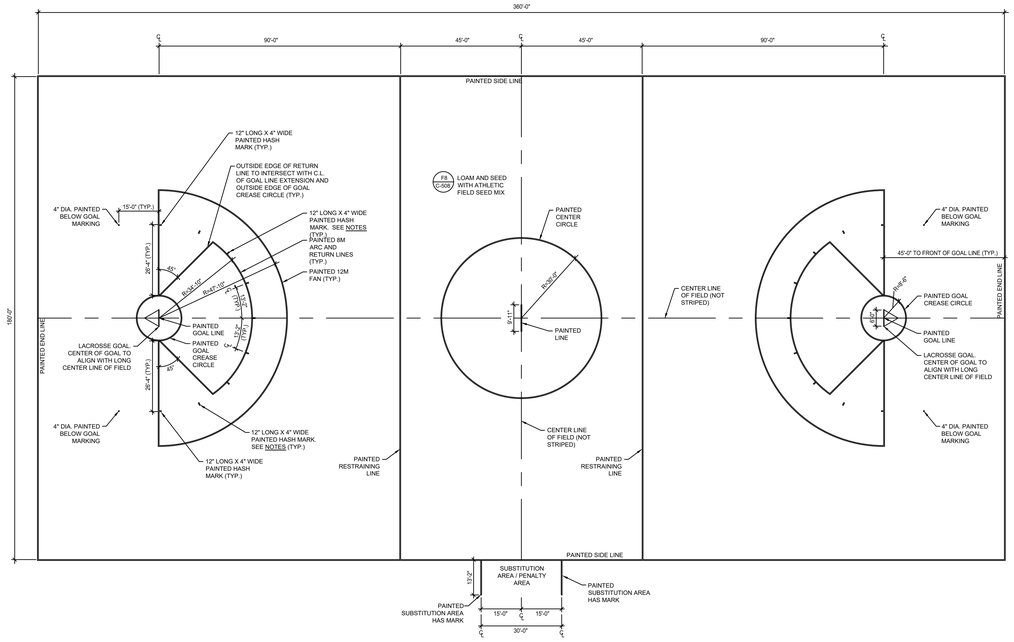
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-509

NOTES:

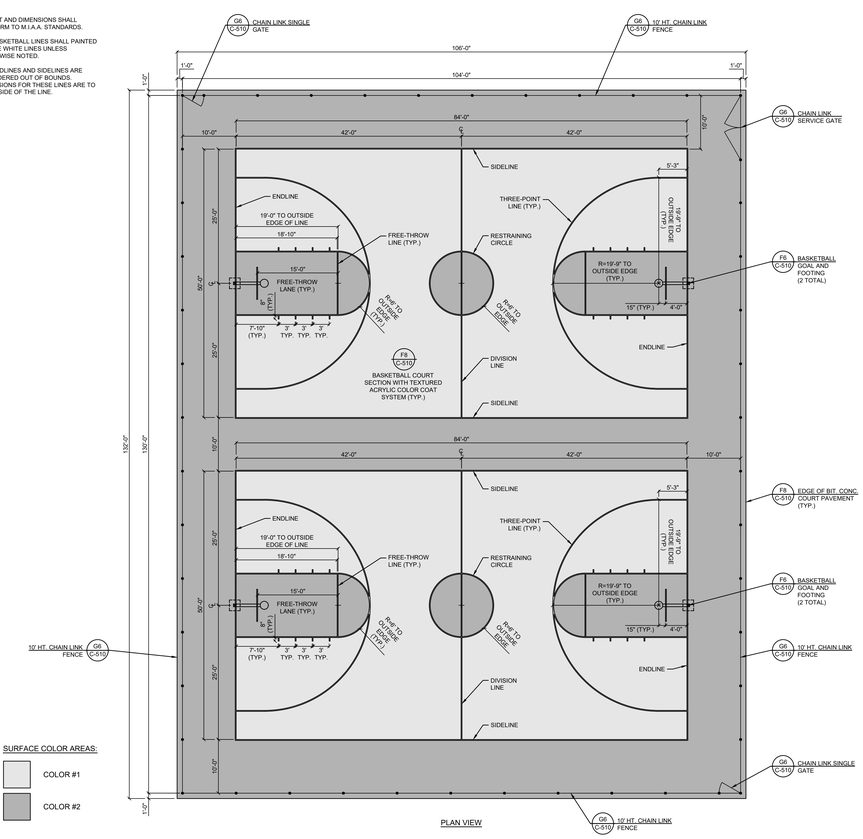
1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. LACROSSE LINES SHALL BE 4" WIDE, EXCEPT FOR GOAL LINE WHICH SHALL BE 2" WIDE.
3. ALL SOCCER LINES SHALL BE DOMINANT OVER LACROSSE.
4. SPACING OF HASH MARKS AT 8M ARC TO BE FROM CENTER OF HASH MARK TO CENTER OF HASH MARK MEASURED ALONG THE OUTSIDE EDGE OF THE 8M ARC.



D1 M.I.A.A. GIRLS LACROSSE FIELD LAYOUT
SCALE: 1"=20'

NOTES:

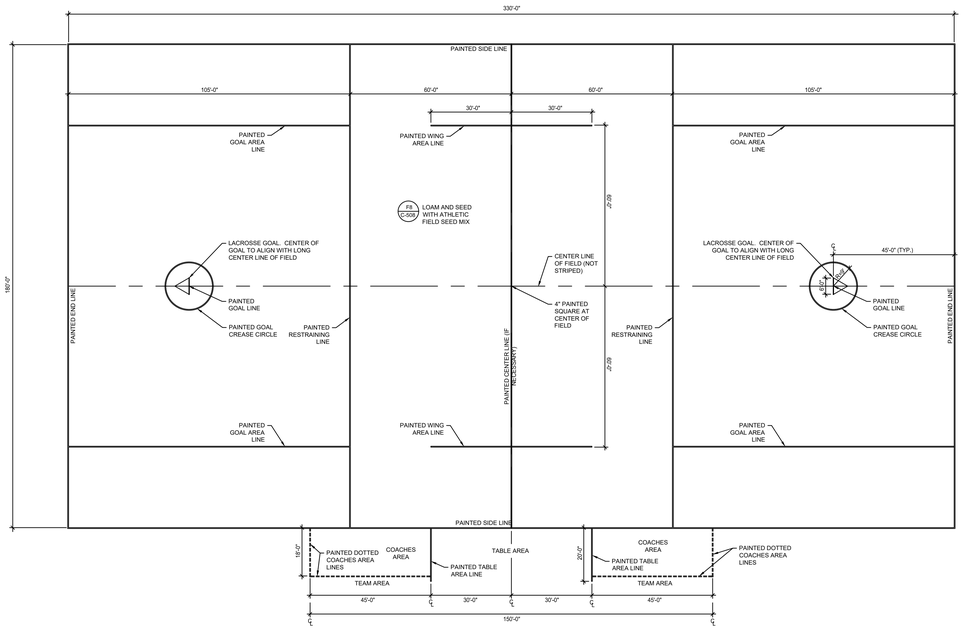
1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL BASKETBALL LINES SHALL PAINTED 2" WIDE WHITE LINES UNLESS OTHERWISE NOTED.
3. ALL ENDLINES AND SIDELINES ARE CONSIDERED OUT OF BOUNDS. DIMENSIONS FOR THESE LINES ARE TO THE INSIDE OF THE LINE.



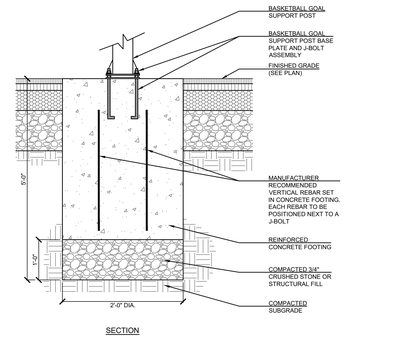
D6 M.I.A.A. BASKETBALL COURTS LAYOUT
SCALE: 1"=10'

NOTES:

1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. LACROSSE LINES SHALL BE 4" WIDE, EXCEPT FOR GOAL LINE WHICH SHALL BE 2" WIDE.
3. ALL SOCCER LINES SHALL BE DOMINANT OVER LACROSSE LINES.



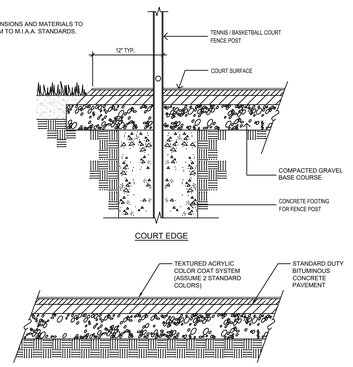
G1 M.I.A.A. BOYS LACROSSE FIELD LAYOUT
SCALE: 1"=20'



F6 BASKETBALL GOAL AND FOOTING
N.T.S.

NOTE:

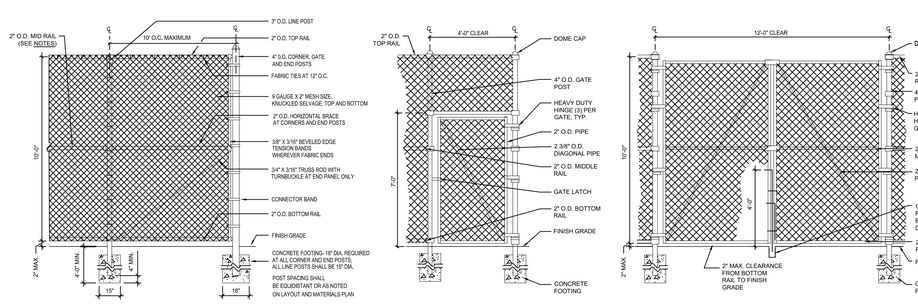
1. ALL DIMENSIONS AND MATERIALS TO CONFORM TO M.I.A.A. STANDARDS.



F8 TENNIS / BASKETBALL COURT SECTION AND EDGE CONDITION
N.T.S.

NOTES:

1. SET CENTER OF FENCE POSTS 12" FROM EDGE OF BASKETBALL OR TENNIS COURT PAVEMENT.
2. 2" O.D. MID RAIL REQUIRED ONLY WHERE 10' HT. CHAIN LINK FENCE IS INSTALLED AT ENDS OF SOCCER / LACROSSE FIELDS.



G6 10' HT. CHAIN LINK FENCE
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS X

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

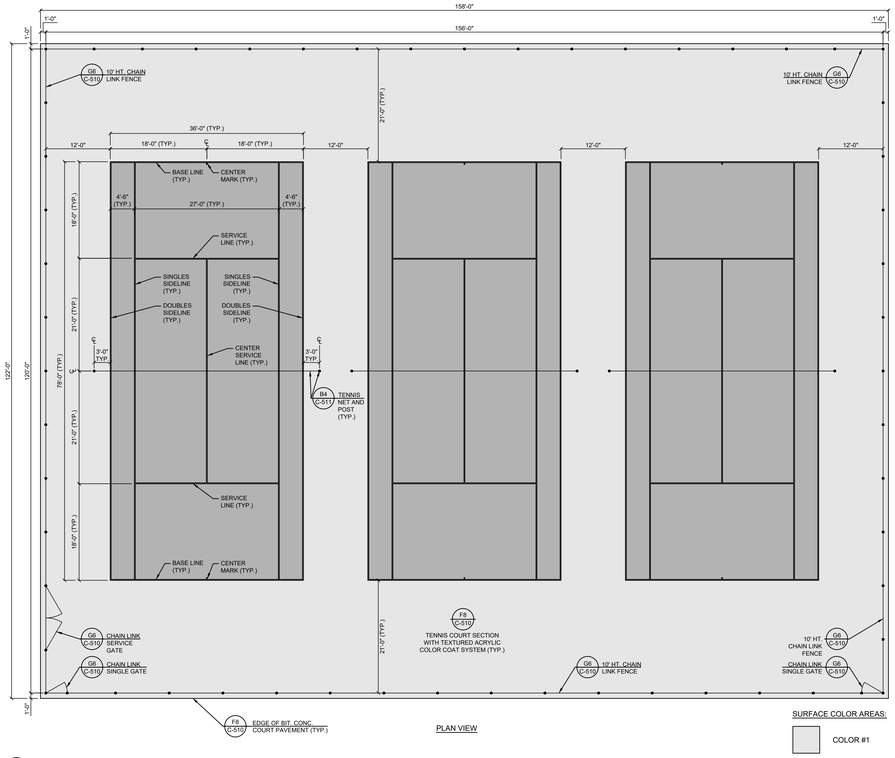
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-510

NOTES:

1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL TENNIS COURT LINES SHALL BE PAINTED 2" WIDE WHITE LINES UNLESS OTHERWISE NOTED.
3. ALL BASE LINES AND SIDE LINES ARE CONSIDERED INBOUNDS. DIMENSIONS FOR THESE LINES ARE TO THE OUTSIDE OF THE LINE.



PLAN VIEW

SURFACE COLOR AREAS:

COLOR #1

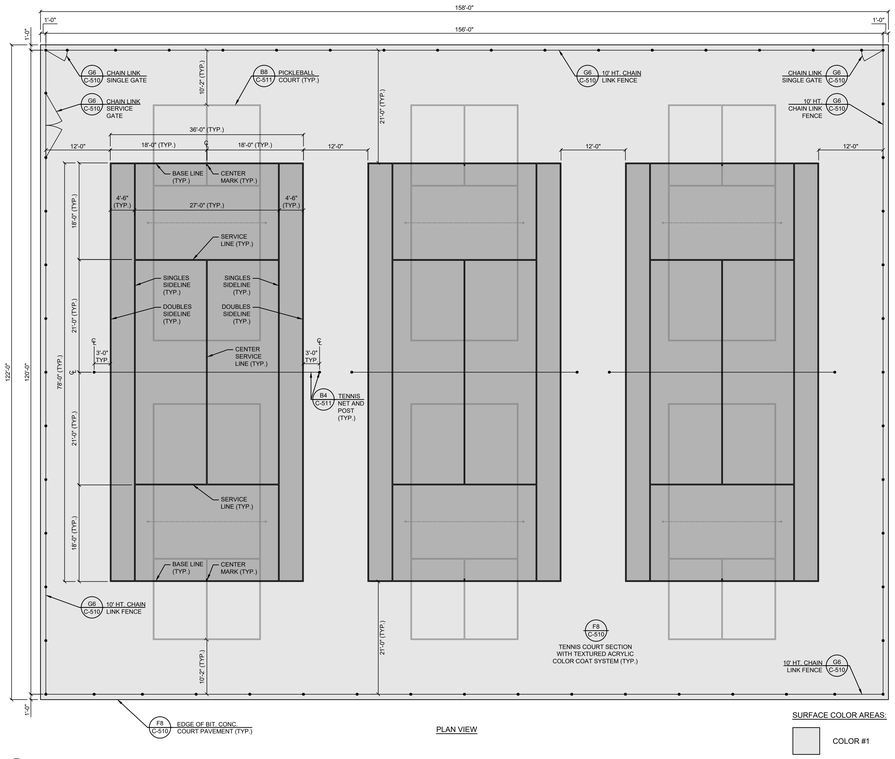
COLOR #2

D1 M.I.A.A. TENNIS COURTS LAYOUT - CONFIGURATION "A"

SCALE: 1"=10'

NOTES:

1. LAYOUT AND DIMENSIONS SHALL CONFORM TO M.I.A.A. STANDARDS.
2. ALL TENNIS COURT LINES SHALL BE PAINTED 2" WIDE WHITE LINES UNLESS OTHERWISE NOTED.
3. ALL BASE LINES AND SIDE LINES ARE CONSIDERED INBOUNDS. DIMENSIONS FOR THESE LINES ARE TO THE OUTSIDE OF THE LINE.
4. ALL TENNIS COURT LINES ARE TO BE DOMINANT OVER PICKLEBALL.



PLAN VIEW

SURFACE COLOR AREAS:

COLOR #1

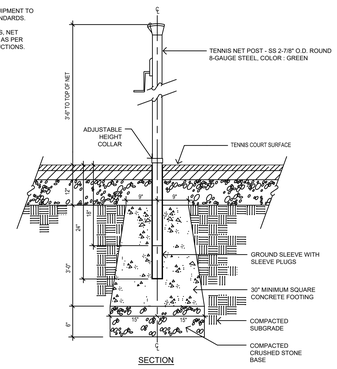
COLOR #2

G1 M.I.A.A. TENNIS COURTS LAYOUT - CONFIGURATION "B"

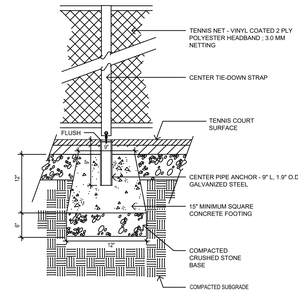
SCALE: 1"=10'

NOTE:

1. ALL DIMENSIONS AND EQUIPMENT TO CONFORM TO M.I.A.A. STANDARDS.
2. INSTALL GROUND SLEEVES, NET POSTS, AND CENTER PIPE AS PER MANUFACTURER'S INSTRUCTIONS.



SECTION



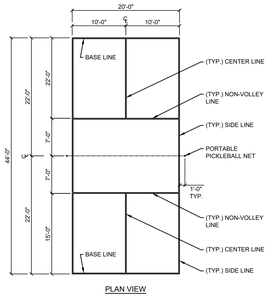
CENTER STRAP ANCHOR

B4 TENNIS NET AND POST INSTALLATION

N.T.S.

NOTES:

1. LAYOUT AND DIMENSIONS SHALL CONFORM TO USA PICKLEBALL STANDARDS.
2. ALL PICKLEBALL LINES SHALL BE PAINTED 2" WIDE LINES UNLESS OTHERWISE NOTED. COLOR TO BE SELECTED BY ARCHITECT.
3. ALL BASE LINES AND SIDE LINES ARE CONSIDERED INBOUNDS. DIMENSIONS FOR THESE LINES ARE TO THE OUTSIDE OF THE LINE.
4. ALL TENNIS COURT LINES ARE TO BE DOMINANT OVER PICKLEBALL.



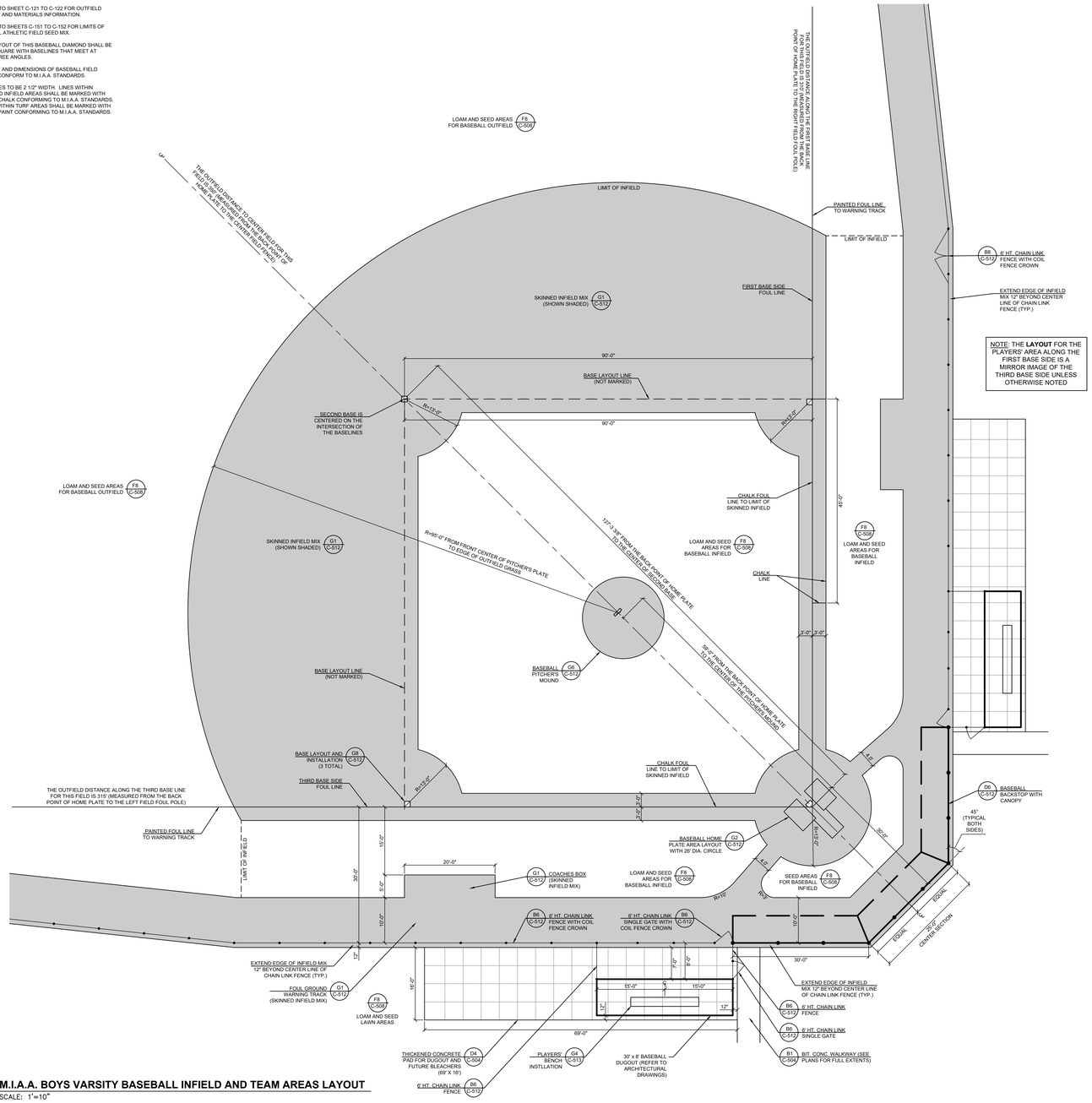
PLAN VIEW

B8 PICKLEBALL COURT LAYOUT

SCALE: 1"=10'

NOTES:

1. REFER TO SHEET C-121 TO C-122 FOR OUTFIELD LAYOUT AND MATERIALS INFORMATION.
2. REFER TO SHEETS C-151 TO C-152 FOR LIMITS OF TYPICAL ATHLETIC FIELD SEED MIX.
3. THE LAYOUT OF THIS BASEBALL DIAMOND SHALL BE A 90' SQUARE WITH BASELINES THAT MEET AT 90-DEGREE ANGLES.
4. LAYOUT AND DIMENSIONS OF BASEBALL FIELD SHALL CONFORM TO M.I.A.A. STANDARDS.
5. ALL LINES TO BE 2 1/2" WIDTH. LINES WITHIN SKINNED INFIELD AREAS SHALL BE MARKED WITH WHITE CHALK CONFORMING TO M.I.A.A. STANDARDS. LINES WITHIN TURF AREAS SHALL BE MARKED WITH WHITE PAINT CONFORMING TO M.I.A.A. STANDARDS.



G4 M.I.A.A. BOYS VARSITY BASEBALL INFIELD AND TEAM AREAS LAYOUT

SCALE: 1"=10'

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS XI

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

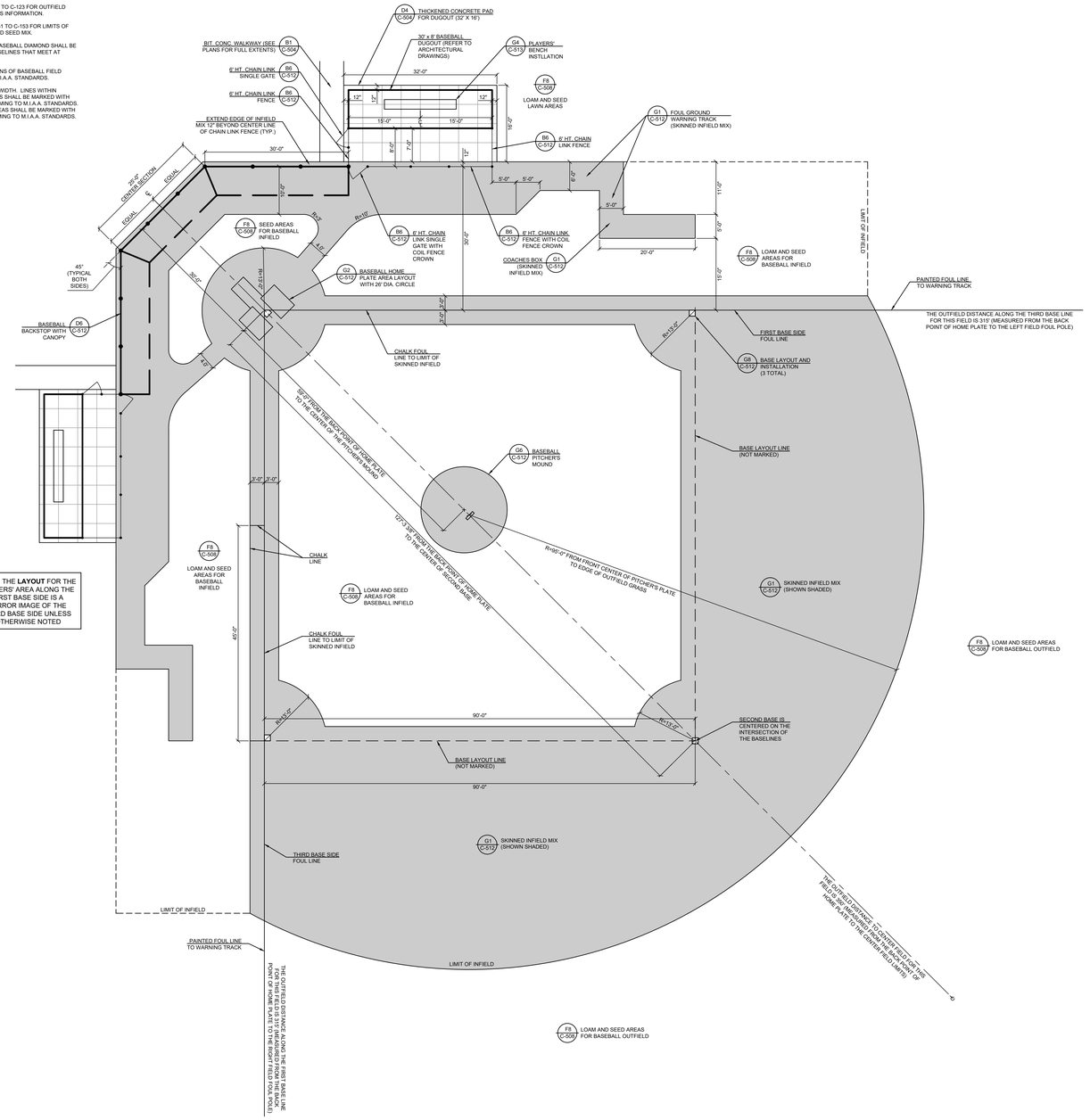
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

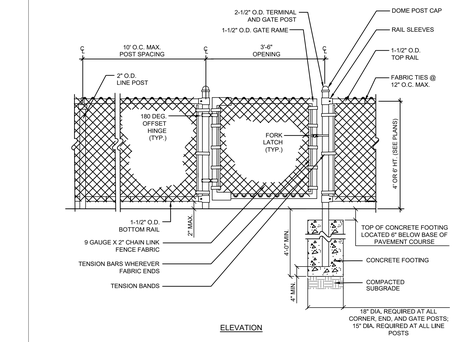
C-511

NOTES:

1. REFER TO SHEET C-121 TO C-123 FOR OUTFIELD LAYOUT AND MATERIALS INFORMATION.
2. REFER TO SHEETS C-151 TO C-153 FOR LIMITS OF TYPICAL ATHLETIC FIELD SEED MIX.
3. THE LAYOUT OF THIS BASEBALL DIAMOND SHALL BE A 90' SQUARE WITH BASELINES THAT MEET AT 90-DEGREE ANGLES.
4. LAYOUT AND DIMENSIONS OF BASEBALL FIELD SHALL CONFORM TO M.I.A.A. STANDARDS.
5. ALL LINES TO BE 2 1/2" WIDTH. LINES WITHIN SKINNED INFIELD AREAS SHALL BE MARKED WITH WHITE CHALK CONFORMING TO M.I.A.A. STANDARDS. LINES WITHIN TURF AREAS SHALL BE MARKED WITH WHITE PAINT CONFORMING TO M.I.A.A. STANDARDS.

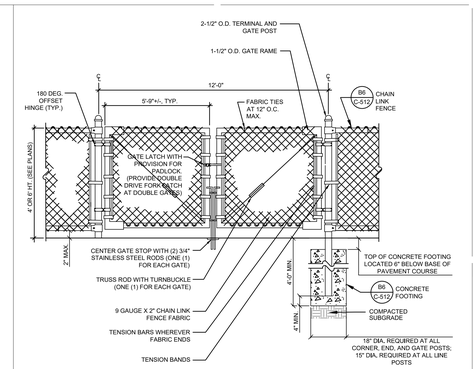


F1 M.I.A.A. BOYS JUNIOR VARSITY (JV) BASEBALL INFIELD AND TEAM AREAS LAYOUT
SCALE: 1"=10'



ELEVATION

B6 CHAIN LINK FENCE WITH SINGLE GATE
N.T.S.

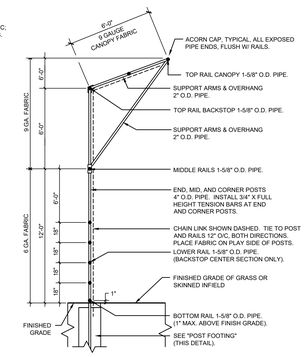


ELEVATION

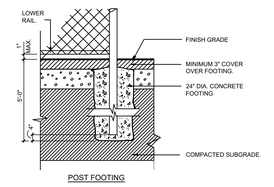
B8 CHAIN LINK DOUBLE GATE
N.T.S.

NOTE:

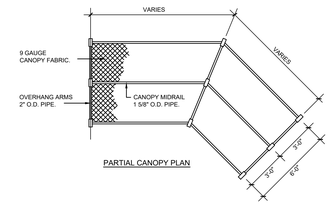
1. PROVIDE OVERLAP AT CANOPY AND BOTTOM OF FABRIC TO COMPLETELY SECURE TO POSTS AND RAILS ALL FABRIC; 2" MESH, KNUCKLE SELVAGE BOTH ENDS.
2. CHAIN LINK FABRIC TO BE 6 GAUGE FOR LOWER PORTION OF BACKSTOP AND 9 GAUGE FOR UPPER PORTION OF BACKSTOP.



SECTION VIEW



POST FOOTING

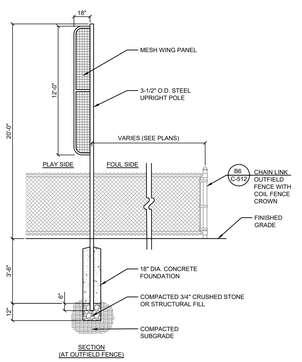


PARTIAL CANOPY PLAN

D6 BASEBALL / SOFTBALL BACKSTOP WITH CANOPY
N.T.S.

NOTE:

1. FOUL POLE SHALL BE INTEGRATED INTO OUTFIELD FENCE AND ALIGNED WITH FIRST BASE AND THIRD BASE FOUL LINES.
2. THE SECTION BELOW ILLUSTRATES THE PROPOSED CONFIGURATION ALONG THE RIGHT FIELD FOUL LINE. THE LEFT FIELD FOUL LINE IS A MIRROR IMAGE OF THIS CONFIGURATION.

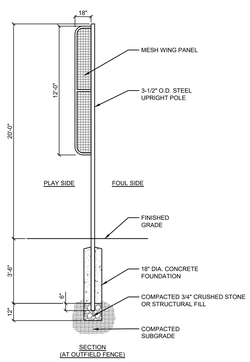


SECTION
(AT OUTFIELD FENCE)

F6 VARSITY BASEBALL / SOFTBALL FOUL POLE
N.T.S.

NOTE:

1. FOUL POLE SHALL BE ALIGNED WITH FIRST BASE AND THIRD BASE FOUL LINES.
2. THE SECTION BELOW ILLUSTRATES THE PROPOSED CONFIGURATION ALONG THE RIGHT FIELD FOUL LINE. THE LEFT FIELD FOUL LINE IS A MIRROR IMAGE OF THIS CONFIGURATION.

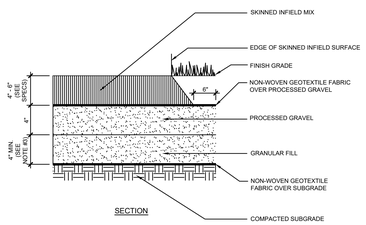


SECTION
(AT OUTFIELD FENCE)

F8 JUNIOR VARSITY BASEBALL / SOFTBALL FOUL POLE
N.T.S.

NOTES:

1. IF FULL DEPTH OF LOAM REMOVAL EXCEEDS MINIMUM INSTALLATION DEPTHS OF THE MATERIALS SHOWN HEREIN, CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ADDITIONAL GRANULAR FILL TO THE DEPTHS NECESSARY TO BRING TOP OF SKINNED INFIELD SURFACE TO PROPOSED FINISH GRADE.
2. AVOID OVERCOMPACTION OF EXISTING SUBGRADE.
3. SCARIFY EXISTING SUBGRADE TO A DEPTH OF 6" (12" IN AREAS WHERE STOCKPILES HAVE BEEN LOCATED) BEFORE INSTALLATION OF SEED OR SOD AREAS FOR ATHLETIC FIELDS.
4. TREAT WITH PRE-EMERGENT WEED CONTROL.

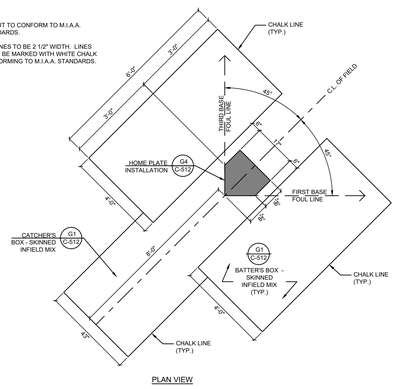


SECTION

G1 BASEBALL AND SOFTBALL INFIELD SURFACING
N.T.S.

NOTES:

1. LAYOUT TO CONFORM TO M.I.A.A. STANDARDS.
2. ALL LINES TO BE 2 1/2" WIDTH. LINES SHALL BE MARKED WITH WHITE CHALK CONFORMING TO M.I.A.A. STANDARDS.

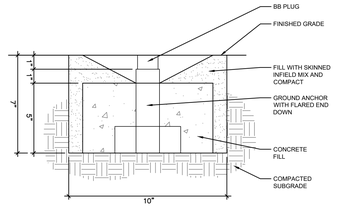


PLAN VIEW

G2 BASEBALL HOME PLATE AREA LAYOUT
N.T.S.

NOTE:

1. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.
2. TOP OF GROUND ANCHOR SHOULD BE 1" ABOVE TOP OF CONCRETE AND 1" BELOW FINISH GRADE.
3. INSTALL TOP OF HOME PLATE LEVEL WITH PLAYING SURFACE.
4. HOME PLATE SHALL CONFORM TO M.I.A.A STANDARDS.

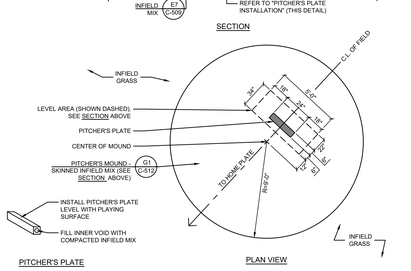


ANCHOR INSTALLATION

G4 HOME PLATE INSTALLATION
N.T.S.

NOTES:

1. SET TOP OF PITCHER'S PLATE 10" ABOVE SURFACE ELEVATION OF HOME PLATE.
2. LAYOUT AND GRADING TO CONFORM TO M.I.A.A STANDARDS.



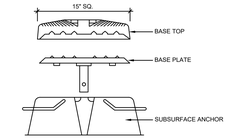
SECTION

PITCHER'S PLATE PLAN VIEW

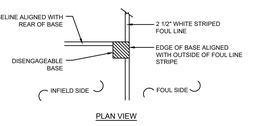
G6 BASEBALL PITCHER'S MOUND
N.T.S.

NOTES:

1. THE LAYOUT SHOWN IS FOR THE FIRST BASE SIDE. THE THIRD BASE SIDE IS A MIRROR IMAGE OF THE LAYOUT SHOWN BELOW.
2. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.
3. INSTALL BOTTOM OF BASE TOP 1" BELOW PLAYING SURFACE.
4. ALL BASES SHALL CONFORM TO M.I.A.A. STANDARDS.



BASE SECTION



PLAN VIEW

G8 BASE INSTALLATION
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

DETAILS XII

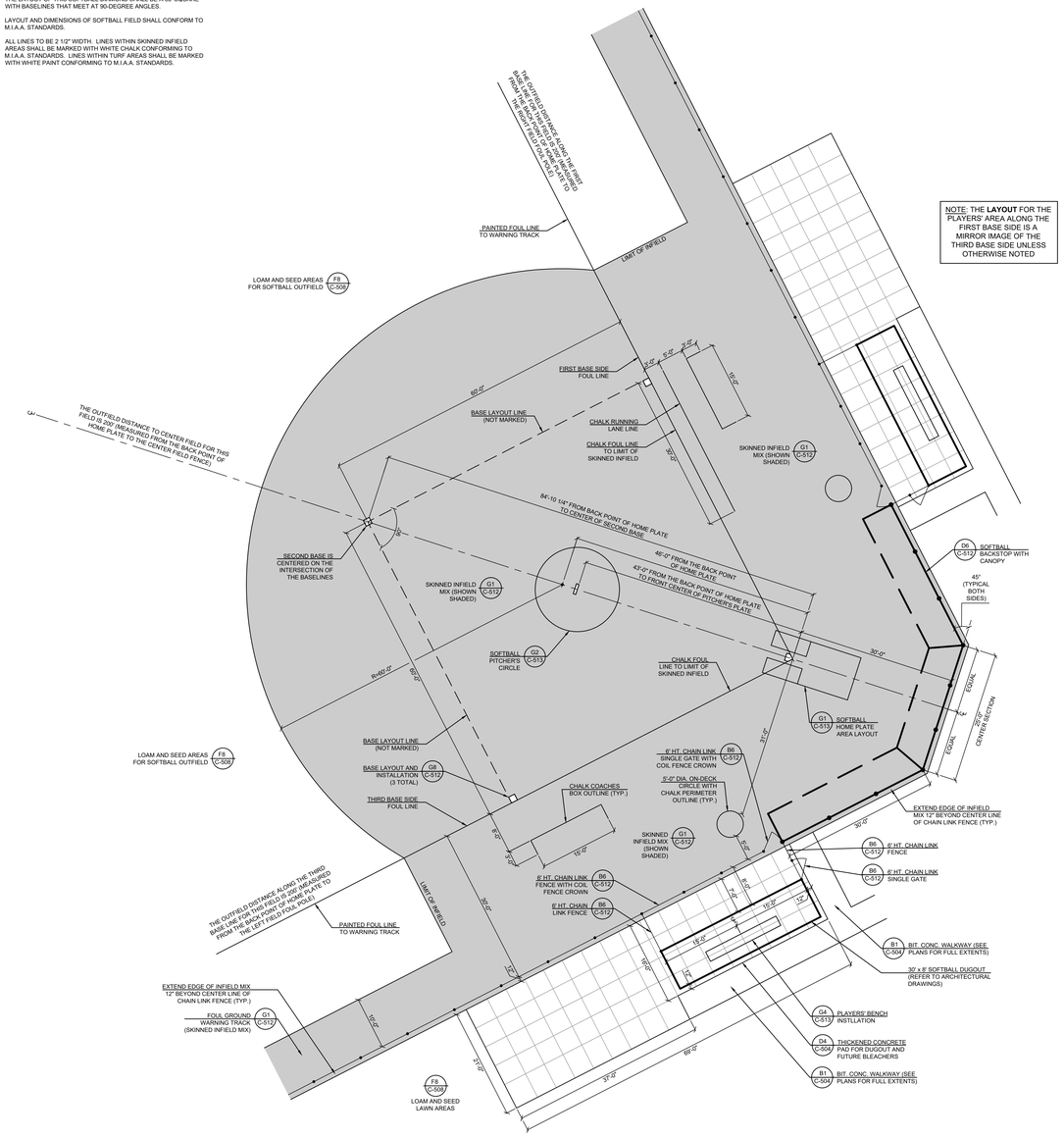
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

C-512

NOTES:

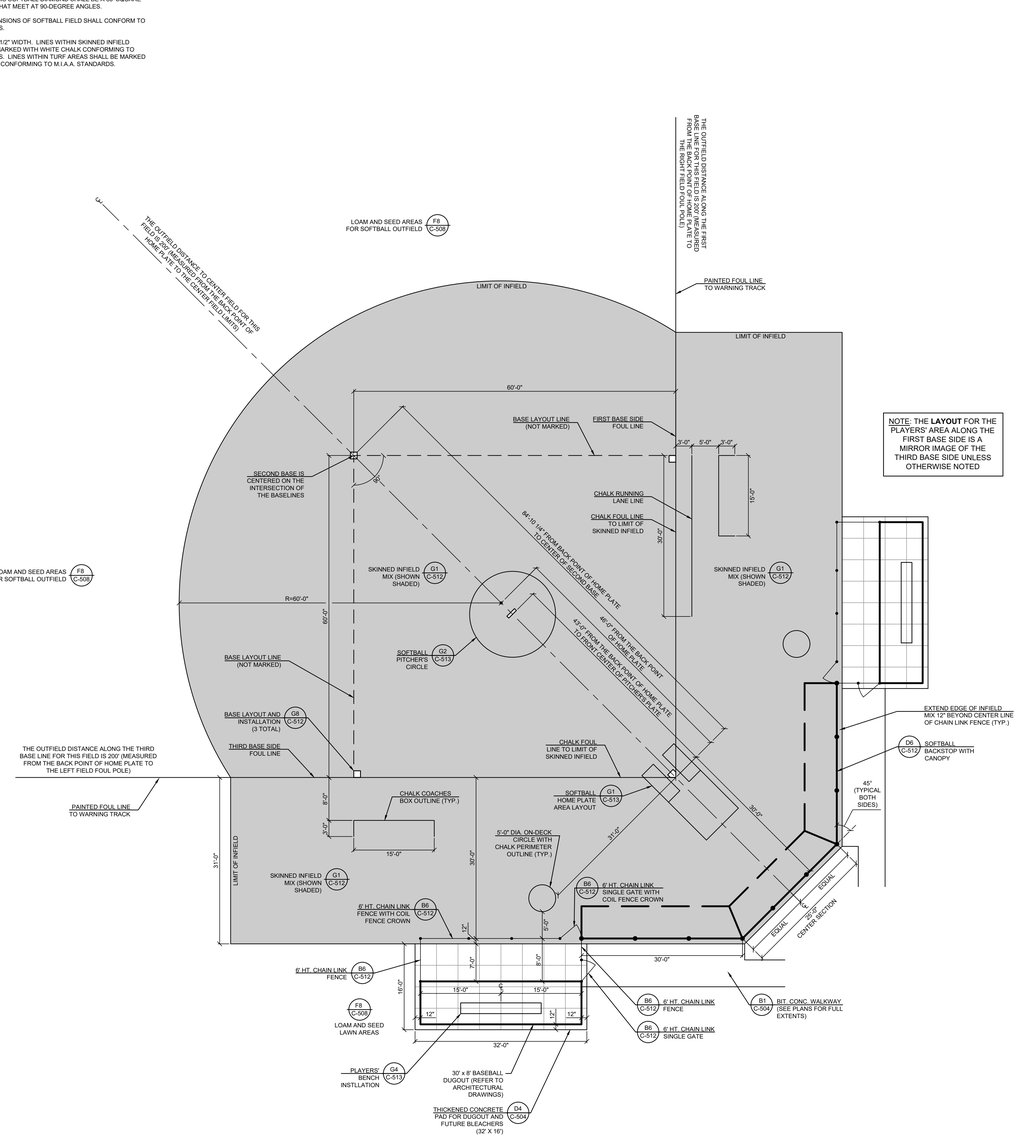
1. REFER TO SHEET C-121 TO C-122 FOR OUTFIELD LAYOUT AND MATERIALS INFORMATION.
2. REFER TO SHEETS C-151 TO C-152 FOR LIMITS OF TYPICAL ATHLETIC FIELD SEED MIX.
3. THE LAYOUT OF THIS SOFTBALL DIAMOND SHALL BE A 60' SQUARE WITH BASELINES THAT MEET AT 90-DEGREE ANGLES.
4. LAYOUT AND DIMENSIONS OF SOFTBALL FIELD SHALL CONFORM TO M.I.A.A. STANDARDS.
5. ALL LINES TO BE 2 1/2" WIDTH. LINES WITHIN SKINNED INFIELD AREAS SHALL BE MARKED WITH WHITE CHALK CONFORMING TO M.I.A.A. STANDARDS. LINES WITHIN TURF AREAS SHALL BE MARKED WITH WHITE PAINT CONFORMING TO M.I.A.A. STANDARDS.



F1 **M.I.A.A. GIRLS VARSITY SOFTBALL INFIELD AND TEAM AREAS LAYOUT**
SCALE: 1"=10'

NOTES:

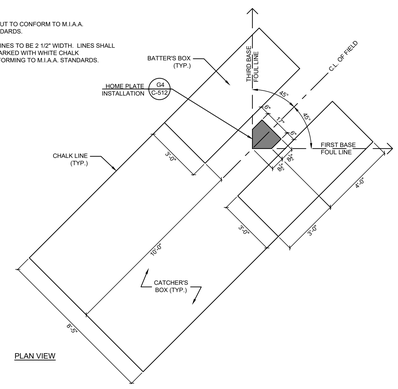
1. REFER TO SHEET C-121 TO C-122 FOR OUTFIELD LAYOUT AND MATERIALS INFORMATION.
2. REFER TO SHEETS C-151 TO C-152 FOR LIMITS OF TYPICAL ATHLETIC FIELD SEED MIX.
3. THE LAYOUT OF THIS SOFTBALL DIAMOND SHALL BE A 60' SQUARE WITH BASELINES THAT MEET AT 90-DEGREE ANGLES.
4. LAYOUT AND DIMENSIONS OF SOFTBALL FIELD SHALL CONFORM TO M.I.A.A. STANDARDS.
5. ALL LINES TO BE 2 1/2" WIDTH. LINES WITHIN SKINNED INFIELD AREAS SHALL BE MARKED WITH WHITE CHALK CONFORMING TO M.I.A.A. STANDARDS. LINES WITHIN TURF AREAS SHALL BE MARKED WITH WHITE PAINT CONFORMING TO M.I.A.A. STANDARDS.



F5 **M.I.A.A. GIRLS JUNIOR VARSITY (JV) BASEBALL INFIELD AND TEAM AREAS LAYOUT**
SCALE: 1"=10'

NOTES:

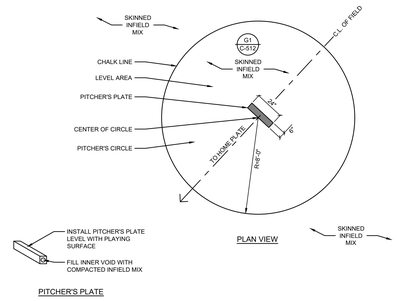
1. LAYOUT TO CONFORM TO M.I.A.A. STANDARDS.
2. ALL LINES TO BE 2 1/2" WIDTH. LINES SHALL BE MARKED WITH WHITE CHALK CONFORMING TO M.I.A.A. STANDARDS.



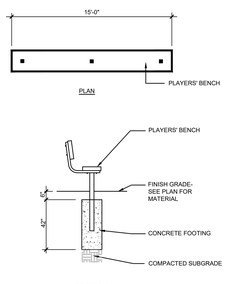
G1 **SOFTBALL HOME PLATE AREA LAYOUT**
N.T.S.

NOTES:

1. SET TOP OF PITCHER'S PLATE AT LEVEL SURFACE ELEVATION OF HOME PLATE.
2. LAYOUT TO CONFORM TO M.I.A.A STANDARDS.
3. ALL LINES TO BE 2 1/2" WIDTH. LINES SHALL BE MARKED WITH WHITE CHALK CONFORMING TO M.I.A.A. STANDARDS.



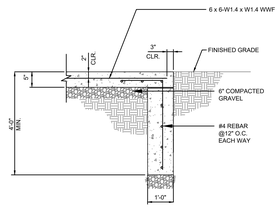
G2 **SOFTBALL PITCHER'S CIRCLE**
N.T.S.



G4 **GIRLS' SOFTBALL AND BOYS' BASEBALL PLAYERS' BENCH**
N.T.S.

NOTES:

1. PROVIDE SCORE JOINT ONLY AS INDICATED ON PLAN.
2. COORDINATE EXACT PAD DIMENSIONS AND UTILITY CONDUIT PENETRATIONS WITH THE APPROVED PRESS BOX DESIGN AND THE ARCHITECT PRIOR TO INSTALLATION.



G6 **PRESS BOX FOUNDATION SLAB**
N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS XIII

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	ECV
REVISIONS:	

DD SET

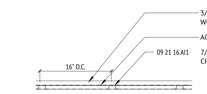
C-513

WALL TYPE LEGEND

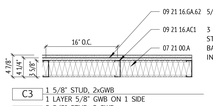
INTERIOR CHASE WALLS



C1H 2 CLIPS, WOOD PANEL

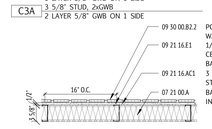


C2H 7/8" HAT CHANNEL, ACOUSTIC WOOD PANEL ON FELT

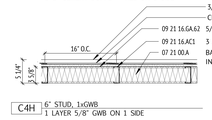


C3 1 5/8" STUD, 2xGWB
1 LAYER 5/8" GWB ON 1 SIDE

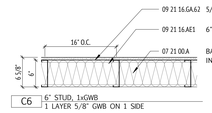
C3A 3 5/8" STUD, 2xGWB
2 LAYER 5/8" GWB ON 1 SIDE



C3C 3 5/8" STUD, TILE
1/2" CEMENT BOARD + TILE ON 1 SIDE

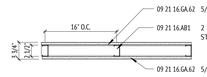


C4H 6" STUD, 1xGWB
1 LAYER 5/8" GWB ON 1 SIDE

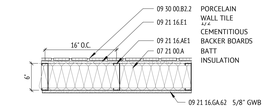


C6 6" STUD, 1xGWB
1 LAYER 5/8" GWB ON 1 SIDE

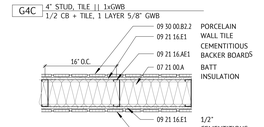
INTERIOR WALL TYPES



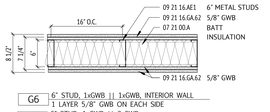
G2 2 1/2" STUD, 1x GWB || 1xGWB
1 LAYER 5/8" GWB BOTH SIDES



G4C 4" STUD, TILE || 1xGWB
1/2 CB + TILE, 1 LAYER 5/8" GWB



G4E 4" STUD, TILE || TILE
1 LAYER 5/8" GWB ON EACH SIDE

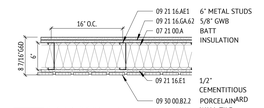


G6 6" STUD, 1xGWB || 1xGWB, INTERIOR WALL
1 LAYER 5/8" GWB ON EACH SIDE

G6A 6" STUD, 1xGWB || 2xGWB
1 LAYER 5/8" GWB ON SIDE 1, 2 LAYERS GWB ON SIDE 2

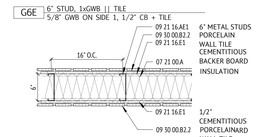
G6B 6" STUD, 2xGWB || 2xGWB
2 LAYER 5/8" GWB ON EACH SIDE

G6R2 6" STUD, 2xGWB || 2xGWB, 2 HR RATED WALL
2 LAYER 5/8" TYPE X GWB ON EACH SIDE

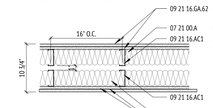


G6D 6" STUD, 2xGWB || TILE
(2) 5/8" GWB ON SIDE 1, 1/2" CB + TILE

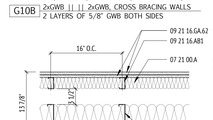
G6E 6" STUD, 1xGWB || TILE
5/8" GWB ON SIDE 1, 1/2" CB + TILE



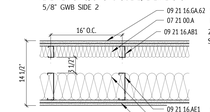
G6F 6" STUD, TILE || TILE
1/2" CB + TILE, 1/2" CB + TILE



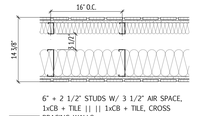
G10B 3 5/8" + 3 5/8" STUDS W/ 1" AIR SPACE,
2xGWB || || 2xGWB, CROSS BRACING WALLS
2 LAYERS OF 5/8" GWB BOTH SIDES



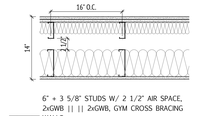
G12A 6" + 2 1/2" STUDS W/ 3 1/2" AIR SPACE,
2xGWB || || 1xGWB, CROSS BRACING WALLS
1 LAYER OF 5/8" GWB SIDE 1, 2 LAYERS OF 5/8" GWB SIDE 2



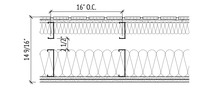
G12B 6" + 2 1/2" STUDS W/ 3 1/2" AIR SPACE,
2xGWB || || 2xGWB, CROSS BRACING WALLS
2 LAYERS OF 5/8" GWB EACH SIDE



G12E 6" + 2 1/2" STUDS W/ 3 1/2" AIR SPACE,
1xCB + TILE || || 1xCB + TILE, CROSS BRACING WALLS
1 LAYER CEMENTBOARD + TILE EACH SIDE

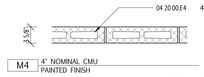


G14B 6" + 3 5/8" STUDS W/ 2 1/2" AIR SPACE,
2xGWB || || 2xGWB, GYM CROSS BRACING WALLS
2 LAYERS OF 5/8" GWB EACH SIDE

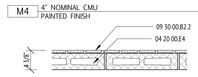


G14C 6" + 3 5/8" STUDS W/ 2 1/2" AIR SPACE,
TILE || || 2xGWB, GYM ENTRY WALLS
1/2" CB + TILE SIDE 1, 2 LAYERS OF 5/8" GWB SIDE 2

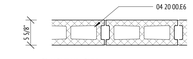
INTERIOR MASONRY WALL TYPES



M4 4" NOMINAL CMU
PAINTED FINISH



M4C 4" NOMINAL CMU
WALL TILE SIDE 1, PAINTED FINISH SIDE 2



M6 6" NOMINAL CMU
PAINTED FINISH

M6A 6" NOMINAL GFB
GROUND FACE SIDE 1, PAINTED FINISH SIDE 2

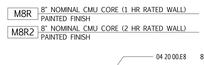


M6C 6" NOMINAL CMU
WALL TILE SIDE 1, PAINTED FINISH SIDE 2



M8R 8" NOMINAL CMU CORE (1 HR RATED WALL)
PAINTED FINISH

M8R2 8" NOMINAL CMU CORE (2 HR RATED WALL)
PAINTED FINISH

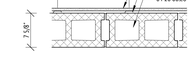


M8R3 8" NOMINAL CMU CORE (3 HR RATED WALL)
PAINTED FINISH



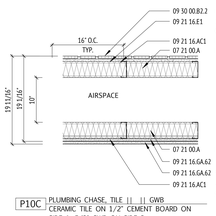
M8RA 8" NOMINAL CMU CORE (1 HR RATED WALL)
1 LAYER OF 5/8" GWB, 1 SIDE

M8R2A 8" NOMINAL CMU CORE (2 HR RATED WALL)
1 LAYER OF 5/8" GWB, 1 SIDE



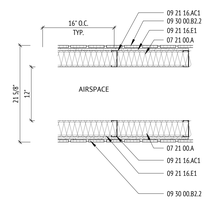
M8C 8" NOMINAL CMU
WALL TILE SIDE 1, PAINTED FINISH SIDE 2

INTERIOR PLUMBING WALL TYPES



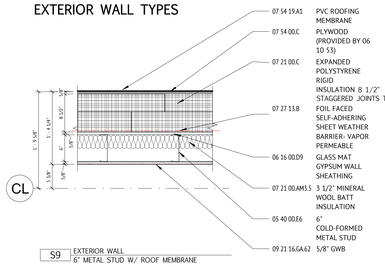
P10C PLUMBING CHASE, TILE || || GWB
CERAMIC TILE ON 1/2" CEMENT BOARD ON SIDE 1, 5/8" GWB ON SIDE 2

P10D PLUMBING CHASE, TILE || || GWBx2
CERAMIC TILE ON 1/2" CEMENT BOARD ON SIDE 1, (2) 5/8" GWB ON SIDE 2

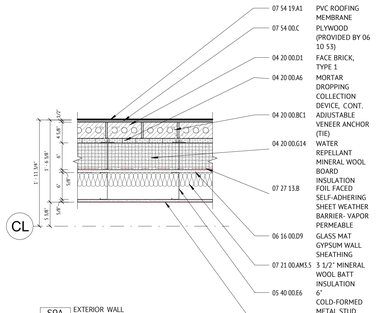


P12E (2) 3 5/8" STUDS W/ 11" AIR GAP CORE
1 LAYER 1/2" CEMENT BOARD W/ CERAMIC TILE ON EACH SIDE

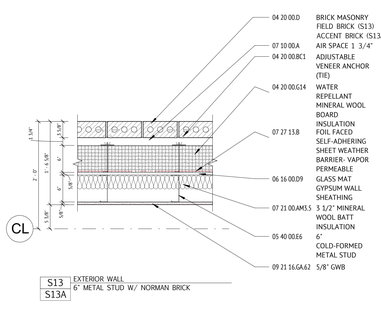
EXTERIOR WALL TYPES



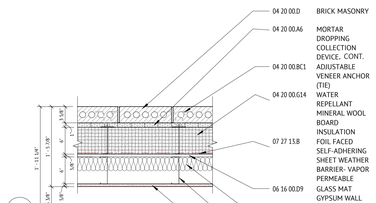
S9 EXTERIOR WALL
6" METAL STUD W/ ROOF MEMBRANE



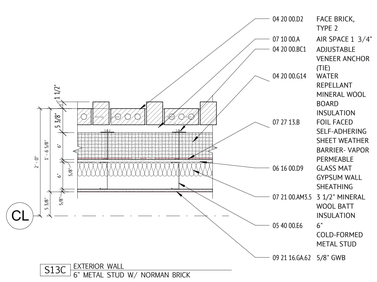
S9A EXTERIOR WALL
6" METAL STUD W/ ROOF MEMBRANE ON BRICK



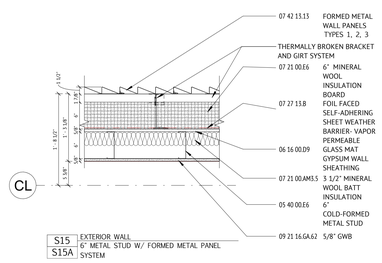
S13 EXTERIOR WALL
S13A 6" METAL STUD W/ NORMAN BRICK



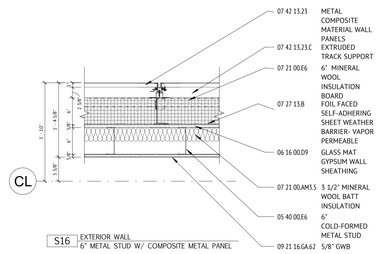
S13B EXTERIOR WALL
6" METAL STUD W/ RECESSED ACCENT NORMAN BRICK



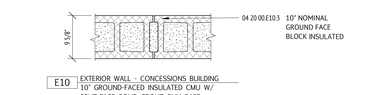
S13C EXTERIOR WALL
6" METAL STUD W/ NORMAN BRICK



S15 EXTERIOR WALL
S15A 6" METAL STUD W/ FORMED METAL PANEL SYSTEM

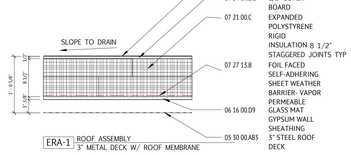


S16 EXTERIOR WALL
6" METAL STUD W/ COMPOSITE METAL PANEL

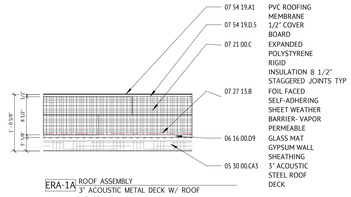


E10 EXTERIOR WALL - CONCESSIONS BUILDING
10" GROUND-FACED INSULATED CMU W/ SPLIT-FACE SOLID GROUT CMU BASE

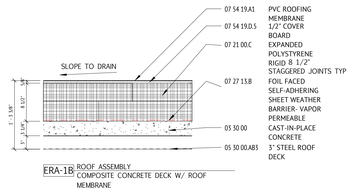
ROOF TYPES



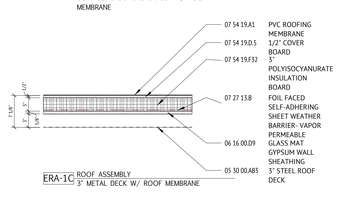
ERA-1 ROOF ASSEMBLY
3" METAL DECK W/ ROOF MEMBRANE



ERA-1A ROOF ASSEMBLY
3" ACOUSTIC METAL DECK W/ ROOF MEMBRANE



ERA-1B ROOF ASSEMBLY
COMPOSITE CONCRETE DECK W/ ROOF MEMBRANE



ERA-1C ROOF ASSEMBLY
3" METAL DECK W/ ROOF MEMBRANE

ERA-2 ROOF ASSEMBLY
1 1/2" METAL DECK W/ ROOF MEMBRANE (NO INSULATION)

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

WALL TYPES, ROOF TYPES & DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 1'-0"
DRAWN BY:	AG/YJ
REVISIONS:	

DD SET

G002

SolarShadingDevices

Type	Count	Sunshade Width	Comments
<varies>	12473	573' - 8"	
QB 50 Acoustic Sliding Window_JWA	2	0' - 0"	AUDITORIUM CONTROL ROOM
<varies>	94	0' - 0"	FIXED
SI32350N	1	0' - 0"	FOLDING GLASS WALL AT ALT PE
<varies>	50	0' - 0"	Kitchen Sink
<varies>	3	0' - 0"	SERVERY
4'x4'	3	0' - 0"	TRANSACTION WINDOW
Grand total: 12626		573' - 8"	

Relieving Angles

Family	Level	Width
Model Text		0' - 0"
: 2		0' - 0"
<varies>		0' - 0"
: 6		0' - 0"
04 05 Control Joint	CONCESSIONS	0' - 0"
CONCESSIONS: 16		0' - 0"
<varies>	LEVEL 1	0' - 0"
LEVEL 1: 296		0' - 0"
<varies>	LEVEL 2	0' - 0"
LEVEL 2: 92		0' - 0"
Grand total: 412		0' - 0"

Perpindicular Connection Lengths...

Count	Height

AREA TAKE-OFFS

Type	Total Area
WWR CALCULATION - BRICK	53258
WWR CALCULATION - CMU	942
WWR CALCULATION - COMP. METAL PANEL	3975
WWR CALCULATION - CW GLAZING	10569
WWR CALCULATION - CW SPANDREL	435
WWR CALCULATION - FORMED METAL PANEL	18059
WWR CALCULATION - GLAZING	9233
WWR CALCULATION - GRANITE	3001
WWR CALCULATION - METAL DOORS	378
WWR CALCULATION - PRECAST	1755
Grand total: 172	101605

Fenestration Transition Lengths

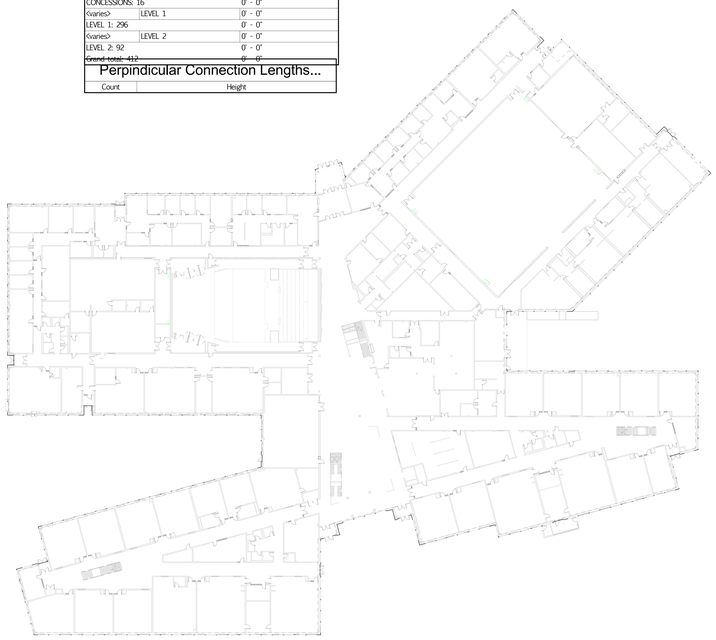
Type	Shared Length
CW-Brick	469' - 10"
Spandrel-Brick	74' - 2"
WIN-Brick	3397' - 7"
BRICK	3937' - 7"
CW-Exposed Corner	56' - 2"
Spandrel-Exposed Corner	5' - 6"
CW	61' - 8"
CW-Granite	107' - 0"
WIN-Granite	19' - 9"
GRANITE	126' - 9"
CW-MP	863' - 6"
Spandrel-MP	94' - 3"
WIN-MP	877' - 5"
METAL PANEL	1829' - 2"
CW-Precast	42' - 0"
WIN-Precast	1887' - 8"
PRECAST	1929' - 8"
Grand total: 1127	7878' - 10"

Linear Transition Lengths

Type	Shared Length
BRICK	
Intermediate Floor Slab - Brick	1154' - 10"
Parapet - Brick	2590' - 2"
CW	
Foundation - CW	177' - 1"
Intermediate Floor Slab - CW	58' - 11"
Parapet - CW	180' - 7"
GRANITE	
Foundation - Granite	2280' - 1"
METAL PANEL	
Parapet - Metal Panel	1624' - 9"

MATERIAL LEGEND

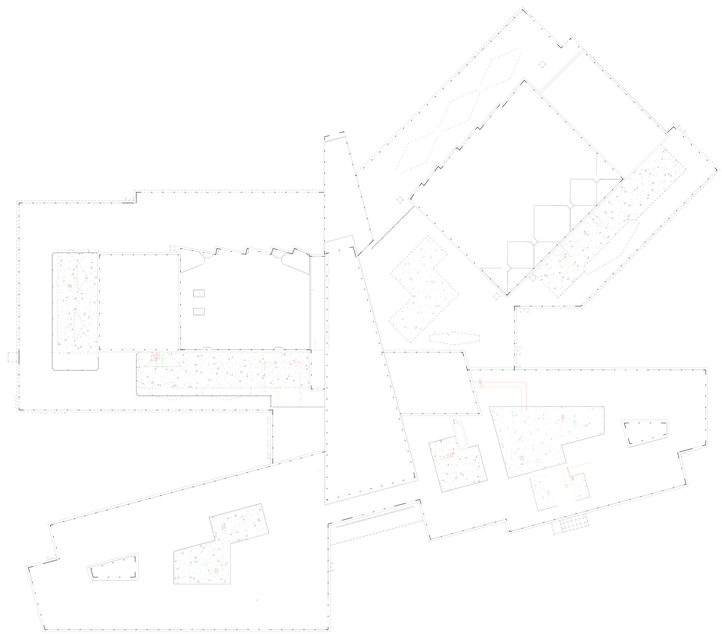
- BRICK
- CMU
- FORMED METAL PANEL
- COMPOSITE METAL PANEL
- CURTAIN WALL - SPANDREL
- CURTAIN WALL - GLAZING
- WINDOW - GLAZING
- METAL DOORS
- GRANITE
- PRECAST CONCRETE
- SOLAR SHADING DEVICE (HORIZ)



D1 FOUNDATION WALL - PERIMETER LEVEL 1
1" = 40'-0"



G1 SLAB AT EXTERIOR WALL - PERIMETER LEVEL 2
1" = 40'-0"



4 TOTAL ROOF AREAS & PARAPET LENGTHS
1" = 40'-0"

N

JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

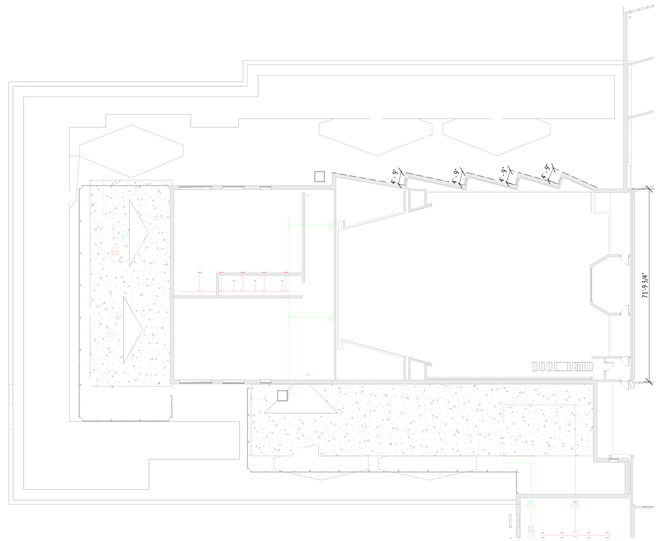
CODE COMPLIANCE - ENERGY ANALYSIS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

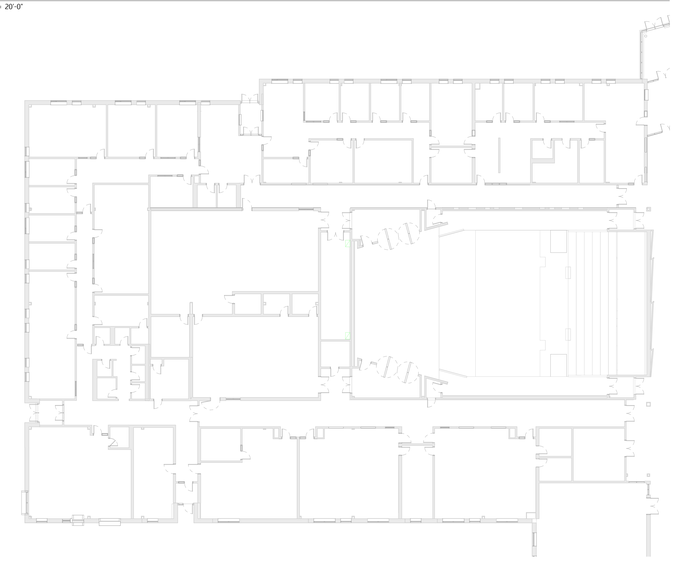
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	DA
REVISIONS:	

DD SET

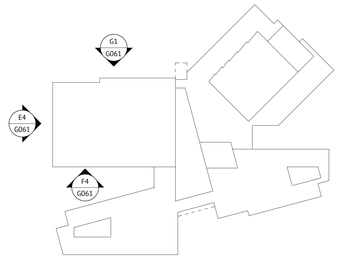
G060



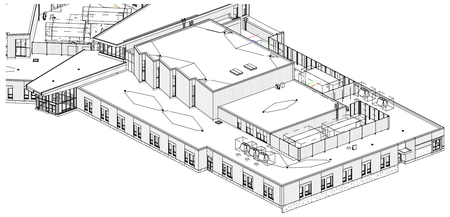
E1 ENERGY ANALYSIS - A WING - 2ND FLOOR
1" = 20'-0"



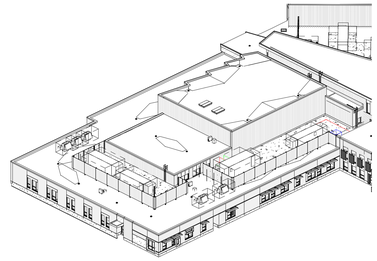
G1 ENERGY ANALYSIS - A WING - 1ST FLOOR
1" = 20'-0"



KEY PLAN
1" = 100'-0"



D4 ENERGY ANALYSIS - A WING - 3D - NORTHWEST FACADES



D7 ENERGY ANALYSIS - A WING - 3D - SOUTHWEST FACADES



E4 ENERGY ANALYSIS - A WING - ELEVATION - WEST
1/16" = 1'-0"



F4 ENERGY ANALYSIS - A WING - ELEVATION - SOUTH
1/16" = 1'-0"



G4 ENERGY ANALYSIS - A WING - ELEVATION - NORTH
1/16" = 1'-0"

MATERIAL LEGEND

- BRICK
- CMU
- FORMED METAL PANEL
- COMPOSITE METAL PANEL
- CURTAIN WALL - SPANDREL
- CURTAIN WALL - GLAZING
- WINDOW - GLAZING
- METAL DOORS
- GRANITE
- PRECAST CONCRETE
- SOLAR SHADING DEVICE (HORIZ)

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CODE COMPLIANCE - ENERGY ANALYSIS - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

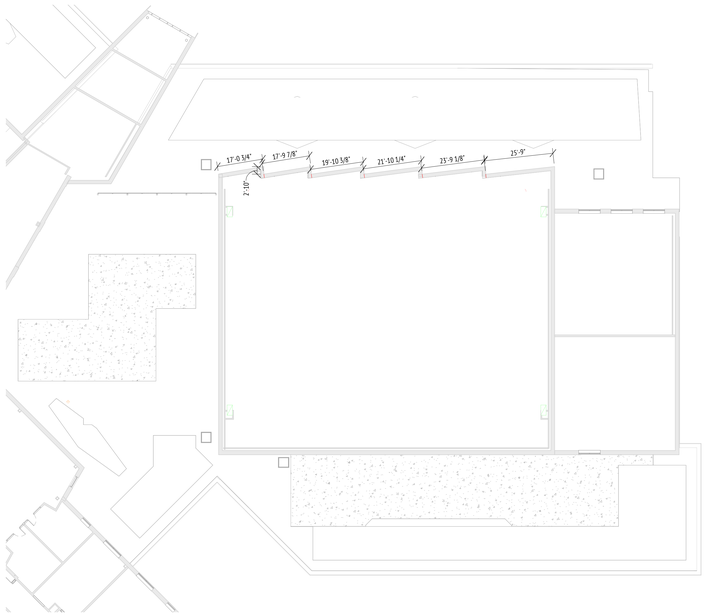
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	DA
REVISIONS:	

DD SET

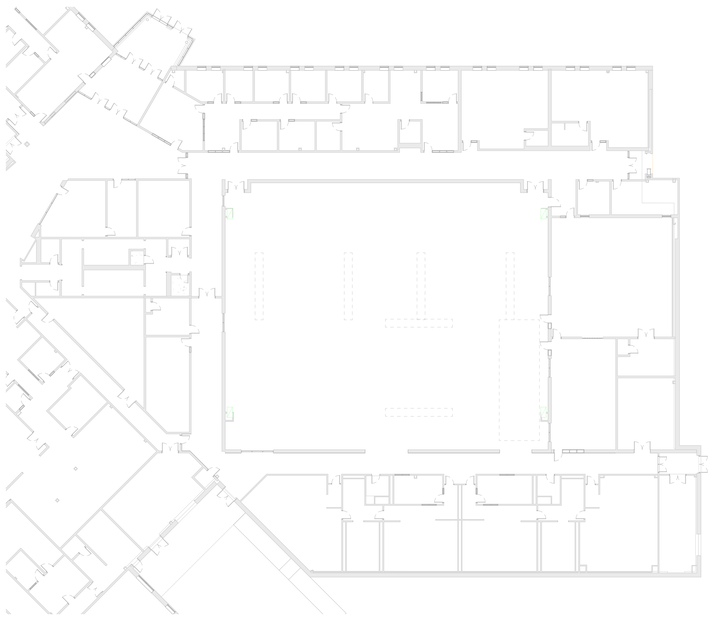
G061

MATERIAL LEGEND

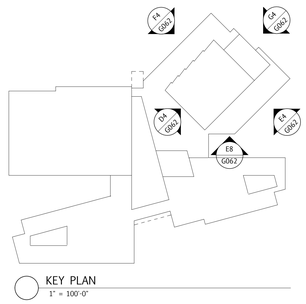
- BRICK
- CMU
- FORMED METAL PANEL
- COMPOSITE METAL PANEL
- CURTAIN WALL - SPANDREL
- CURTAIN WALL - GLAZING
- WINDOW - GLAZING
- METAL DOORS
- GRANITE
- PRECAST CONCRETE
- SOLAR SHADING DEVICE (HORIZ)



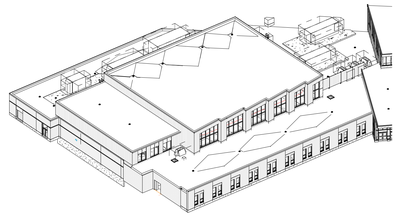
D1 ENERGY ANALYSIS - B WING - 2ND FLOOR
1" = 20'-0"



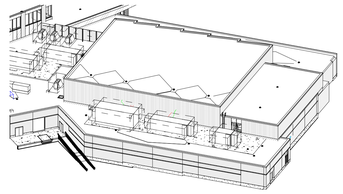
G1 ENERGY ANALYSIS - B WING - 1ST FLOOR
1" = 20'-0"



KEY PLAN
1" = 100'-0"



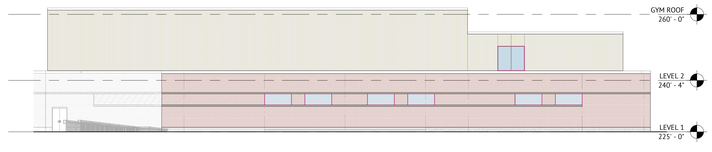
C4 ENERGY ANALYSIS - B WING - 3D - NORTHWEST FACADES



C6 ENERGY ANALYSIS - B WING - 3D - SOUTH FACADES



D4 ENERGY ANALYSIS - B WING - ELEVATION - SOUTHWEST
1/16" = 1'-0"



E4 ENERGY ANALYSIS - B WING - ELEVATION - SOUTHEAST
1/16" = 1'-0"



E8 ENERGY ANALYSIS - B WING - ELEVATION - SOUTH
1/16" = 1'-0"



F4 ENERGY ANALYSIS - B WING - ELEVATION - NORTHWEST
1/16" = 1'-0"



G4 ENERGY ANALYSIS - B WING - ELEVATION - NORTHEAST
1/16" = 1'-0"

PN

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

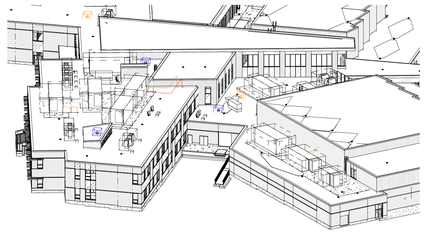
CODE COMPLIANCE - ENERGY ANALYSIS - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

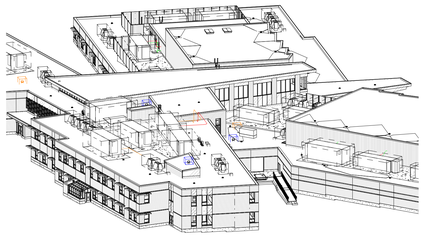
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	DA
REVISIONS:	

DD SET

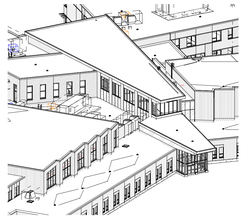
G062



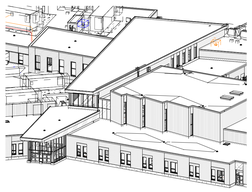
B2 ENERGY ANALYSIS - C SPINE - 3D - LOADING DOCK NORTHEAST



B4 ENERGY ANALYSIS - C SPINE - 3D - LOADING DOCK SOUTHEAST



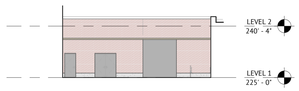
C2 ENERGY ANALYSIS - C SPINE - 3D - NORTHEAST FACADES



C4 ENERGY ANALYSIS - C SPINE - 3D - NORTHWEST FACADES



C5 ENERGY ANALYSIS - C SPINE - 3D - SOUTH FACADES

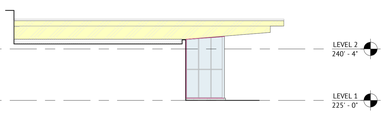


D7 ENERGY ANALYSIS - C SPINE - ELEVATION - LOADING DOCK
1/16" = 1'-0"

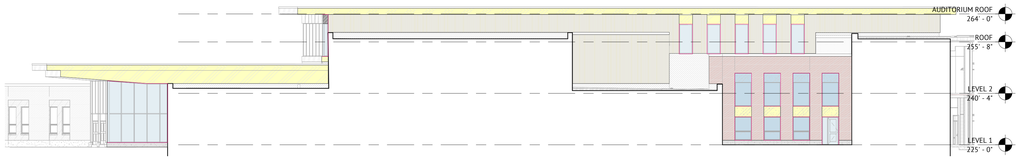
D5 ENERGY ANALYSIS - C SPINE - ELEVATION - SOUTH
1/16" = 1'-0"



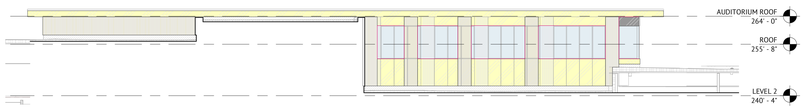
E6 ENERGY ANALYSIS - C SPINE - ELEVATION - MAIN ENTRY NORTH
1/16" = 1'-0"



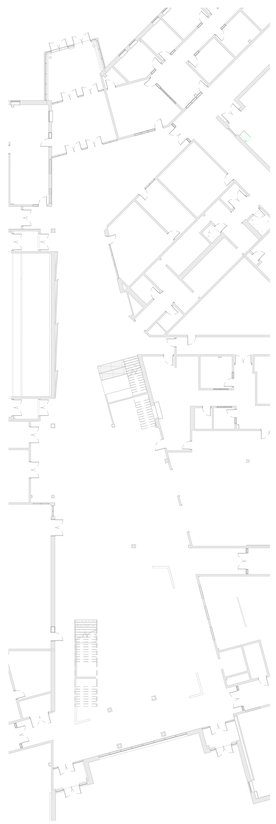
E8 ENERGY ANALYSIS - C SPINE - ELEVATION - MAIN ENTRY EAST
1/16" = 1'-0"



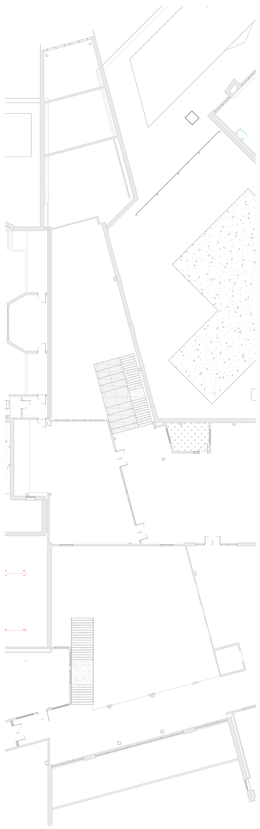
F5 ENERGY ANALYSIS - C SPINE - ELEVATION - WEST
1/16" = 1'-0"



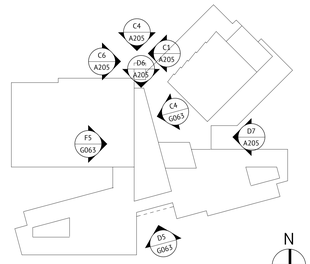
G5 ENERGY ANALYSIS - C SPINE - ELEVATION - EAST
1/16" = 1'-0"



G2 ENERGY ANALYSIS - C SPINE - 1ST FLOOR
1" = 20'-0"



G3 ENERGY ANALYSIS - C SPINE - 2ND FLOOR
1" = 20'-0"



KEY PLAN
1" = 100'-0"

MATERIAL LEGEND

- BRICK
- CMU
- FORMED METAL PANEL
- COMPOSITE METAL PANEL
- CURTAIN WALL - SPANDREL
- CURTAIN WALL - GLAZING
- WINDOW - GLAZING
- METAL DOORS
- GRANITE
- PRECAST CONCRETE
- SOLAR SHADING DEVICE (HORIZ)

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CODE COMPLIANCE - ENERGY ANALYSIS - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

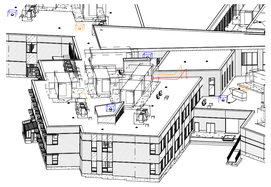
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	DA
REVISIONS:	

DD SET

G063

MATERIAL LEGEND

- BRICK
- CMU
- FORMED METAL PANEL
- COMPOSITE METAL PANEL
- CURTAIN WALL - SPANDREL
- CURTAIN WALL - GLAZING
- WINDOW - GLAZING
- METAL DOORS
- GRANITE
- PRECAST CONCRETE
- SOLAR SHADING DEVICE (HORIZ)



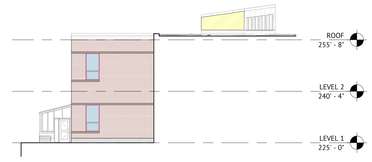
C5 ENERGY ANALYSIS - D WING - 3D - EAST FACADES



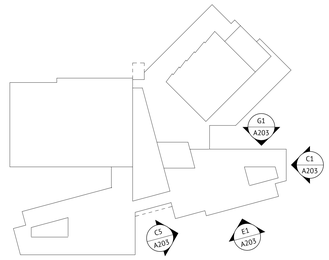
C6 ENERGY ANALYSIS - D WING - 3D - SOUTHWEST FACADES



D5 ENERGY ANALYSIS - D WING - ELEVATION - EAST
1/16" = 1'-0"



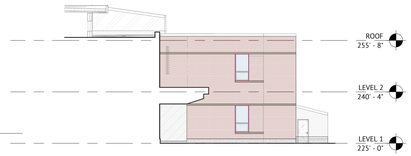
D7 ENERGY ANALYSIS - D WING - ELEVATION - NORTHEAST
1/16" = 1'-0"



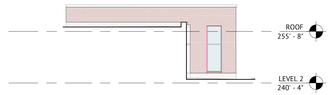
KEY PLAN
1" = 100'-0"



E2 ENERGY ANALYSIS - D WING - 2ND FLOOR
1" = 20'-0"



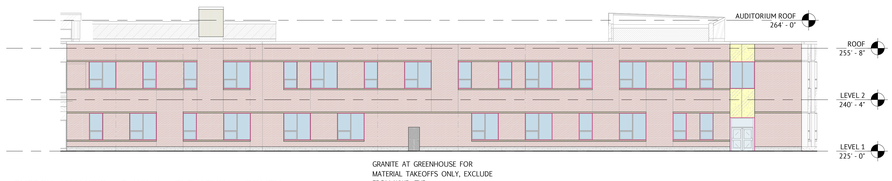
E5 ENERGY ANALYSIS - D WING - ELEVATION - WEST
1/16" = 1'-0"



E7 ENERGY ANALYSIS - D WING - ELEVATION - MEDIA CENTER EAST
1/16" = 1'-0"

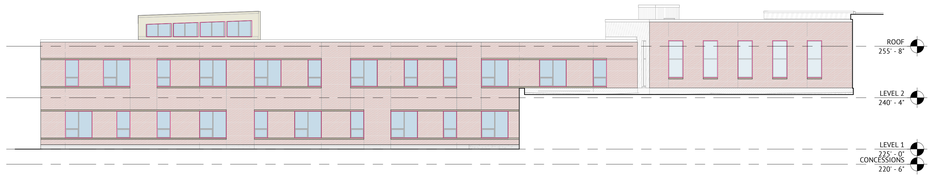


G2 ENERGY ANALYSIS - D WING - 1ST FLOOR
1" = 20'-0"



GRANITE AT GREENHOUSE FOR MATERIAL TAKEOFFS ONLY, EXCLUDE FROM WWR, TYP.

F5 ENERGY ANALYSIS - D WING - ELEVATION - SOUTH
1/16" = 1'-0"



G5 ENERGY ANALYSIS - D WING - ELEVATION - NORTH
1/16" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CODE COMPLIANCE - ENERGY ANALYSIS - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

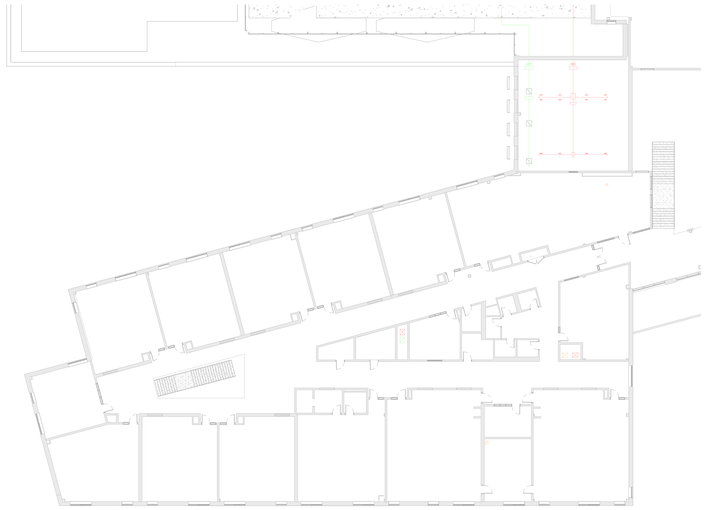
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	DA
REVISIONS:	

DD SET

G064

MATERIAL LEGEND

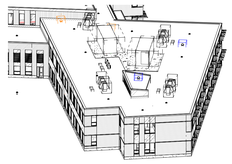
- BRICK
- CMU
- FORMED METAL PANEL
- COMPOSITE METAL PANEL
- CURTAIN WALL - SPANDREL
- CURTAIN WALL - GLAZING
- WINDOW - GLAZING
- METAL DOORS
- GRANITE
- PRECAST CONCRETE
- SOLAR SHADING DEVICE (HORIZ)



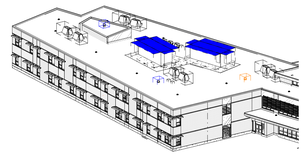
6 ENERGY ANALYSIS - E WING - 2ND FLOOR
1" = 20'-0"



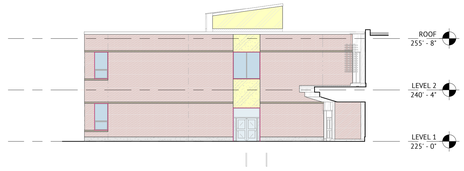
5 ENERGY ANALYSIS - E WING - 1ST FLOOR
1" = 20'-0"



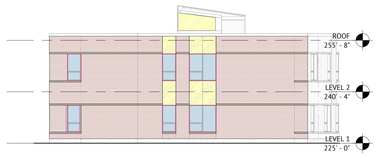
C5 ENERGY ANALYSIS - E WING - 3D - WEST FACADES



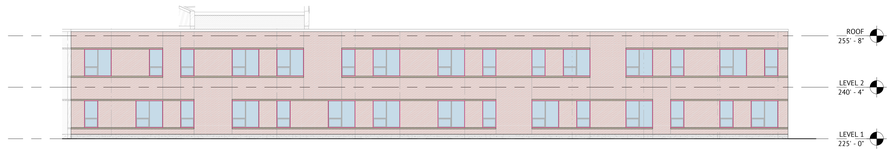
C6 ENERGY ANALYSIS - E WING - 3D - SOUTHEAST FACADES



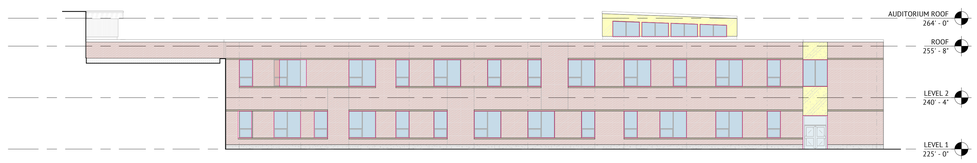
D5 ENERGY ANALYSIS - E WING - ELEVATION - EAST
1/16" = 1'-0"



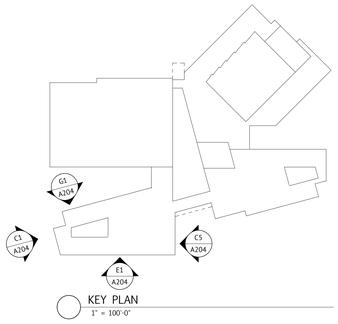
E5 ENERGY ANALYSIS - E WING - ELEVATION - WEST
1/16" = 1'-0"



F5 ENERGY ANALYSIS - E WING - ELEVATION - SOUTH
1/16" = 1'-0"



G5 ENERGY ANALYSIS - E WING - ELEVATION - NORTH
1/16" = 1'-0"



KEY PLAN
1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

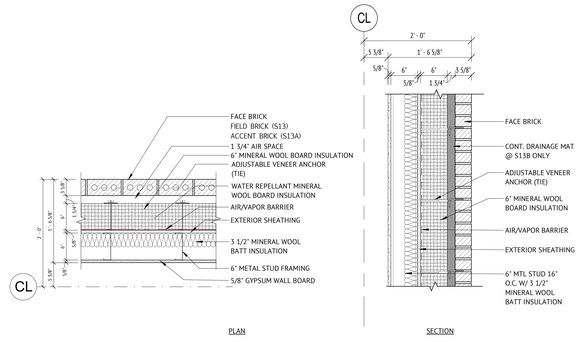
CODE COMPLIANCE - ENERGY ANALYSIS - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	DA
REVISIONS:	

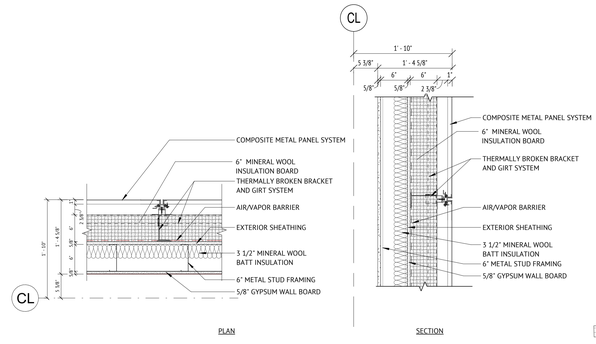
DD SET

G065



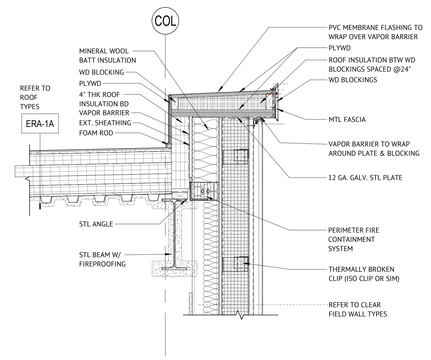
S13 BRICK VENEER ON MTL STUD (FIELD BRICK)
S13A BRICK VENEER ON MTL STUD (ACCENT BRICK)
S13B RECESSED BRICK VENEER ON MTL STUD (ACCENT BRICK)
S13C BRICK VENEER ON MTL STUD (FIELD BRICK, TEXTURED)

C3 CLEAR FIELD WALL TYPE - MASONRY VENEER
1" = 1'-0"

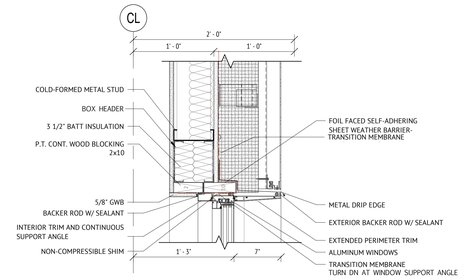


S16 COMPOSITE MTL PANEL ON MTL STUD
S15/S15A CORRUGATED MTL PANEL ON MTL STUD SIMILAR

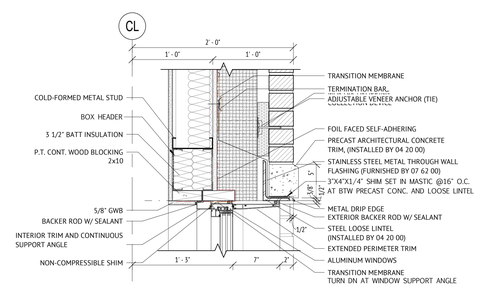
C5 CLEAR FIELD WALL TYPE - METAL PANEL
1" = 1'-0"



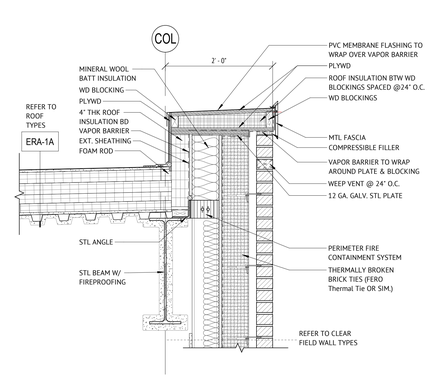
C8 LINEAR DERATING DETAIL - PARAPET - METAL PANEL
1" = 1'-0"



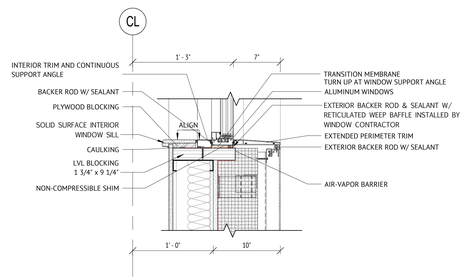
E3 LINEAR DERATING DETAIL - WINDOW HEAD METAL PANEL
1 1/2" = 1'-0"



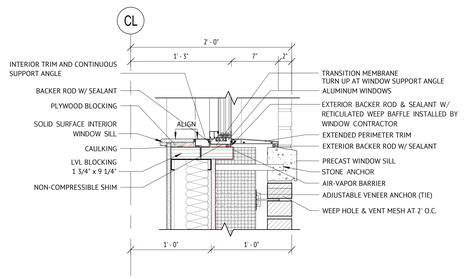
E5 LINEAR DERATING DETAIL - WINDOW HEAD MASONRY
1 1/2" = 1'-0"



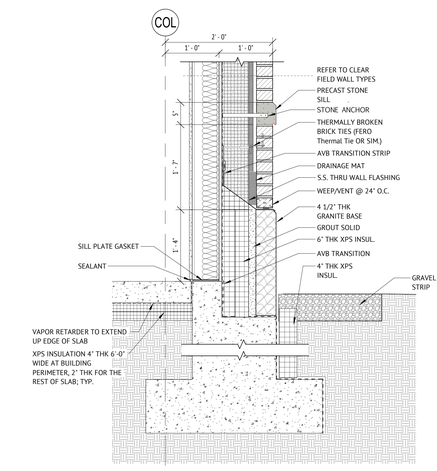
F8 LINEAR DERATING DETAIL - PARAPET - MASONRY VENEER
1" = 1'-0"



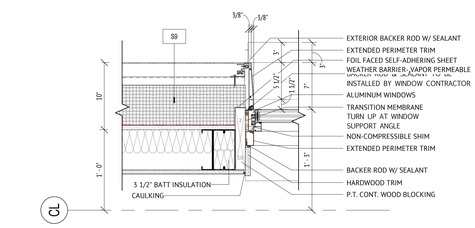
F3 LINEAR DERATING DETAIL - WINDOW SILL METAL PANEL
1 1/2" = 1'-0"



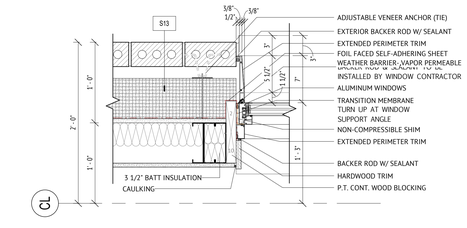
F5 LINEAR DERATING DETAIL - WINDOW SILL MASONRY
1 1/2" = 1'-0"



G8 LINEAR DERATING DETAIL - FOUNDATION MASONRY
1" = 1'-0"



G3 LINEAR DERATING DETAIL - WINDOWS EWA2
1 1/2" = 1'-0"



G5 LINEAR DERATING DETAIL - WINDOW JAMB MASONRY
1 1/2" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CODE COMPLIANCE - ENERGY ANALYSIS - DERATING MITIGATION

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	DA
REVISIONS:	

DD SET

G066

GENERAL DEMOLITION NOTES:

1. DEMOLITION DRAWINGS INDICATE IN GENERAL ONLY, AREAS WHERE DEMOLITION IS REQUIRED. ALL ITEMS MADE OBSOLETE BY NEW CONSTRUCTION ARE TO BE REMOVED, AND SURFACES/COMPONENTS PREPARED FOR PATCH/REPAIR/INFILL/NEW MATERIALS AND FINISHES. THE CONTRACTOR SHALL REMOVE ALL FOUNDATIONS, FOOTINGS, AND SLABS OF THE EXISTING BUILDING.

2. CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH NEW WORK CALLED FOR ELSEWHERE IN THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL.

3. THE DEMOLITION PLANS ARE DERIVED FROM EXISTING BUILDING PLANS AND IN FIELD INVESTIGATIONS AND ARE INTENDED TO REASONABLY REPRESENT EXISTING CONDITIONS HOWEVER ACTUAL CONDITIONS MAY DEVIATE FROM WHAT IS SHOWN. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION, SALVAGE AND WASTE MANAGEMENT FROM THE EXISTING SCHOOL BUILDING. PROPOSED METHODS, OPERATIONS, AND GENERAL DEMOLITION WORK PLAN SHALL BE SUBMITTED TO THE ARCHITECT AND OPM FOR REVIEW PRIOR TO START OF WORK. INCLUDE IN SCHEDULE COORDINATION FOR SHUT-OFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES AS REQ

5. IMPACT DEMOLITION THAT WILL LOOSEN OR OTHERWISE DAMAGE ADJOINING CONSTRUCTION WILL NOT BE PERMITTED.

6. PERMITS AND CERTIFICATES: SUBMIT THE FOLLIWNG TO THE ARCHITECT AND OPM PRIOR TO THE START OF DEMOLITION WORK:
   1. PERMITS AND NOTICES AUTHORIZING BUILDING DEMOLITION
   2. CERTIFICATES OF SEVERENCE OF UTILITY SERVICES
   3. PERMIT FOR TRANSPORT AND LEGAL DISPOSAL OFFSITE OF DEMOLITION MATERIAL AND DEBRIS.

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANY FOR DISCONNECTING AND MAKING SAFE POWER, TELEPHONE AND CATV TO THE EXISTING BUILDING TO FACILITATE DEMOLITION BY THE GENERAL CONTRACTOR.

2. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE TOWN MUNICIPAL DEPARTMENTS FOR SHUTTING OFF WATER, SEWAGE AND GAS TO THE EXISTING BUILDING AND CUTTING AND CAPPING EXISTING LINES TO FACILITATE DEMOLITION BY THE GENERAL CONTRACTOR.

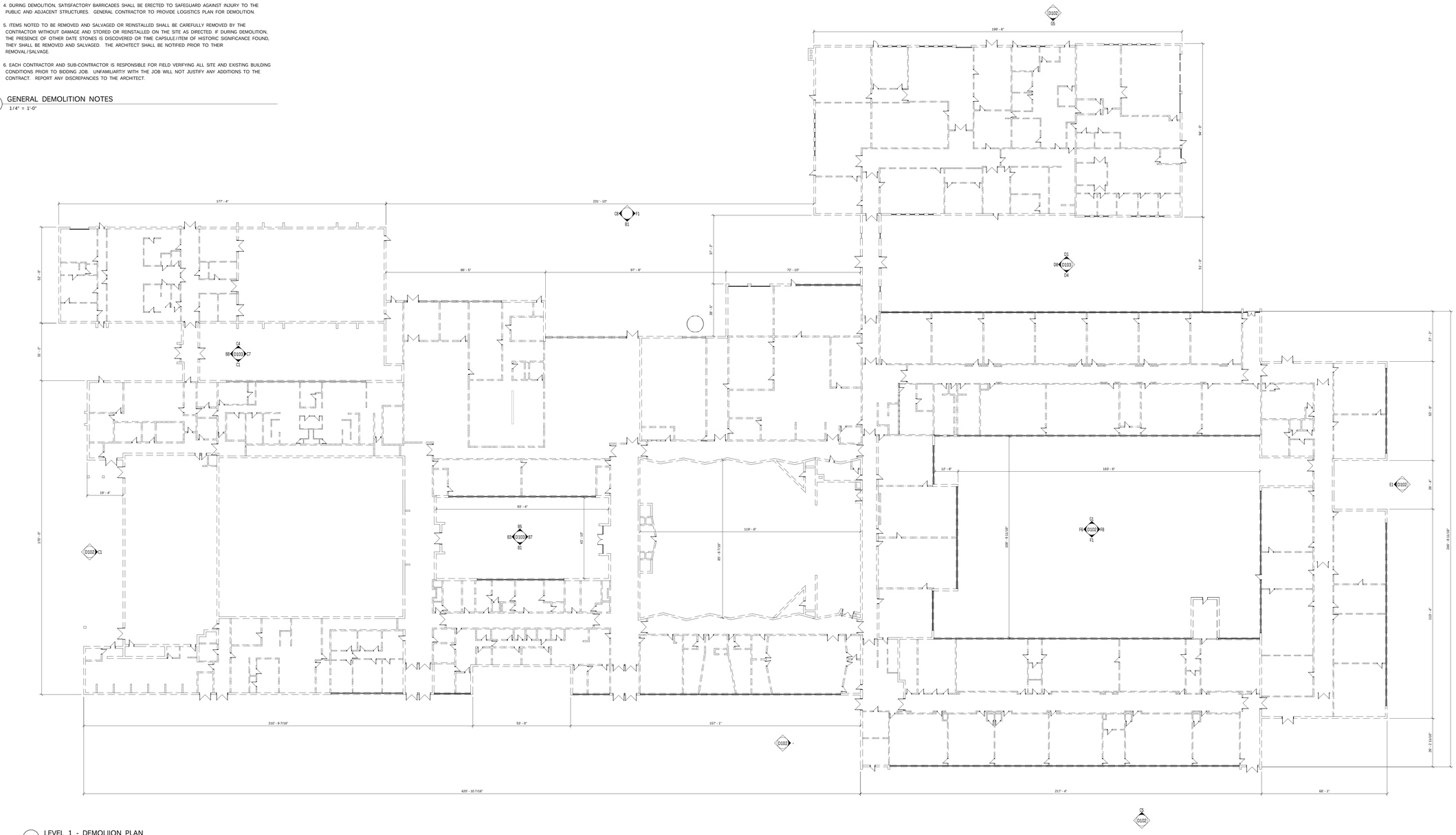
3. ALL HAZARDOUS MATERIALS SHALL BE REMOVED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS. PROVIDE VERIFICATION THAT MATERIALS ALREADY REMOVED FROM THE SITE WERE FREE FROM CONTAMINATION. COORDINATE ALL DEMOLITION WITH HAZARDOUS MATERIALS DRAWINGS AND SPECIFICATIONS.

4. DURING DEMOLITION, SATISFACTORY BARRICADES SHALL BE ERECTED TO SAFEGUARD AGAINST INJURY TO THE PUBLIC AND ADJACENT STRUCTURES. GENERAL CONTRACTOR TO PROVIDE LOGISTICS PLAN FOR DEMOLITION.

5. ITEMS NOTED TO BE REMOVED AND SALVAGED OR REINSTALLED SHALL BE CAREFULLY REMOVED BY THE CONTRACTOR WITHOUT DAMAGE AND STORED OR REINSTALLED ON THE SITE AS DIRECTED. IF DURING DEMOLITION, THE PRESENCE OF OTHER DATE STONES IS DISCOVERED OR TIME CAPSULE/ITEM OF HISTORIC SIGNIFICANCE FOUND, THEY SHALL BE REMOVED AND SALVAGED. THE ARCHITECT SHALL BE NOTIFIED PRIOR TO THEIR REMOVAL/SALVAGE.

6. EACH CONTRACTOR AND SUB-CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL SITE AND EXISTING BUILDING CONDITIONS PRIOR TO BIDDING JOB. UNFAMILIARTIY WITH THE JOB WILL NOT JUSTIFY ANY ADDITIONS TO THE CONTRACT. REPORT ANY DISCREPANCIES TO THE ARCHITECT.

GENERAL DEMOLITION NOTES
1/4" = 1'-0"



1 LEVEL 1 - DEMOLIION PLAN
1" = 20'-0"

PN

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DEMOLITION PLAN - 1ST FLOOR

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	3/29/24
SCALE:	As indicated
DRAWN BY:	NNM
REVISIONS:	

DD SET

D100

GENERAL DEMOLITION NOTES:

1. DEMOLITION DRAWINGS INDICATE IN GENERAL ONLY, AREAS WHERE DEMOLITION IS REQUIRED. ALL ITEMS MADE OBSOLETE BY NEW CONSTRUCTION ARE TO BE REMOVED, AND SURFACES/COMPONENTS PREPARED FOR PATCH/REPAIR/INFILL/NEW MATERIALS AND FINISHES. THE CONTRACTOR SHALL REMOVE ALL FOUNDATIONS, FOOTINGS, AND SLABS OF THE EXISTING BUILDING.

2. CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH NEW WORK CALLED FOR ELSEWHERE IN THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL.

3. THE DEMOLITION PLANS ARE DERIVED FROM EXISTING BUILDING PLANS AND IN FIELD INVESTIGATIONS AND ARE INTENDED TO REASONABLY REPRESENT EXISTING CONDITIONS HOWEVER ACTUAL CONDITIONS MAY DEVIATE FROM WHAT IS SHOWN. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION, SALVAGE AND WASTE MANAGEMENT FROM THE EXISTING SCHOOL BUILDING. PROPOSED METHODS, OPERATIONS, AND GENERAL DEMOLITION WORK PLAN SHALL BE SUBMITTED TO THE ARCHITECT AND OPM FOR REVIEW PRIOR TO START OF WORK. INCLUDE IN SCHEDULE COORDINATION FOR SHUT-OFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES AS REQ.

5. IMPACT DEMOLITION THAT WILL LOOSEN OR OTHERWISE DAMAGE ADJOINING CONSTRUCTION WILL NOT BE PERMITTED.

6. PERMITS AND CERTIFICATES: SUBMIT THE FOLLWNG TO THE ARCHITECT AND OPM PRIOR TO THE START OF DEMOLITION WORK:
   1. PERMITS AND NOTICES AUTHORIZING BUILDING DEMOLITION
   2. CERTIFICATES OF SEVERENCE OF UTILITY SERVICES
   3. PERMIT FOR TRANSPORT AND LEGAL DISPOSAL OFFSITE OF DEMOLITION MATERIAL AND DEBRIS.

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATNG WITH THE UTILITY COMPANY FOR DISCONNECTING AND MAKING SAFE POWER, TELEPHONE AND CATV TO THE EXISTING BUILDING TO FACILITATE DEMOLITION BY THE GENERAL CONTRACTOR.

2. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE TOWN MUNICIPAL DEPARTMENTS FOR SHUTTING OFF WATER, SEWAGE AND GAS TO THE EXISTING BUILDING AND CUTTING AND CAPPING EXISTING LINES TO FACILITATE DEMOLITION BY THE GENERAL CONTRACTOR.

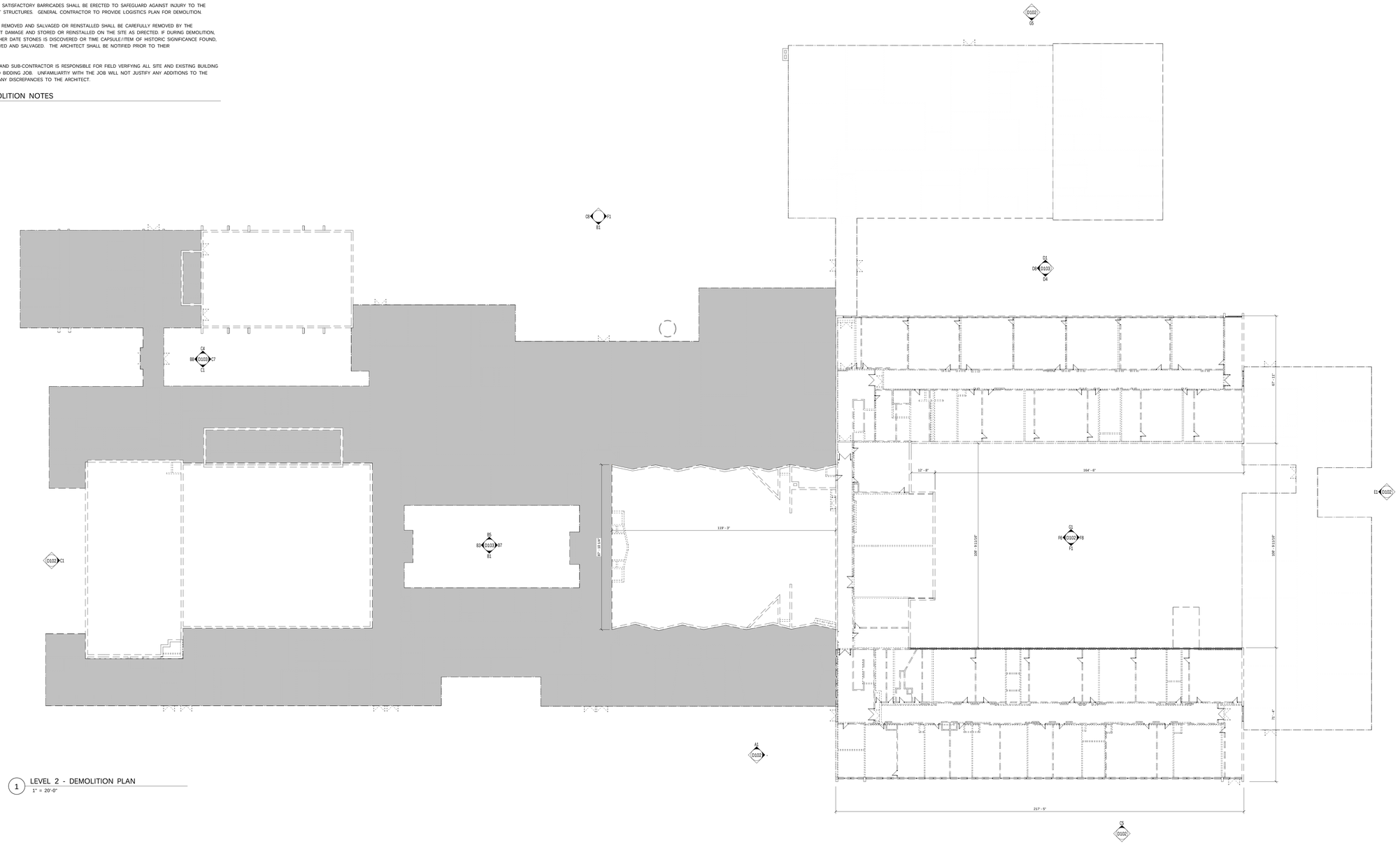
3. ALL HAZARDOUS MATERIALS SHALL BE REMOVED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS. PROVIDE VERIFICATION THAT MATERIALS ALREADY REMOVED FROM THE SITE WERE FREE FROM CONTAMINATION. COORDINATE ALL DEMOLITION WITH HAZARDOUS MATERIALS DRAWINGS AND SPECIFICATIONS.

4. DURING DEMOLITION, SATISFACTORY BARRICADES SHALL BE ERECTED TO SAFEGUARD AGAINST INJURY TO THE PUBLIC AND ADJACENT STRUCTURES. GENERAL CONTRACTOR TO PROVIDE LOGISTICS PLAN FOR DEMOLITION.

5. ITEMS NOTED TO BE REMOVED AND SALVAGED OR REINSTALLED SHALL BE CAREFULLY REMOVED BY THE CONTRACTOR WITHOUT DAMAGE AND STORED OR REINSTALLED ON THE SITE AS DIRECTED. IF DURING DEMOLITION, THE PRESENCE OF OTHER DATE STONES IS DISCOVERED OR TIME CAPSULE/ITEM OF HISTORIC SIGNIFICANCE FOUND, THEY SHALL BE REMOVED AND SALVAGED. THE ARCHITECT SHALL BE NOTIFIED PRIOR TO THEIR REMOVAL/SALVAGE.

6. EACH CONTRACTOR AND SUB-CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL SITE AND EXISTING BUILDING CONDITIONS PRIOR TO BIDDING JOB. UNFAMILIARITY WITH THE JOB WILL NOT JUSTIFY ANY ADDITIONS TO THE CONTRACT. REPORT ANY DISCREPANCIES TO THE ARCHITECT.

GENERAL DEMOLITION NOTES
1/4" = 1'-0"



1 LEVEL 2 - DEMOLITION PLAN
1" = 20'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

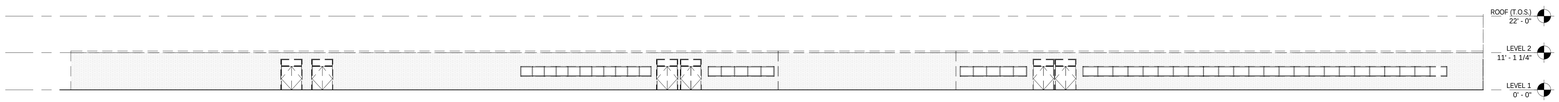
DEMOLITION PLAN - 2ND FLOOR

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

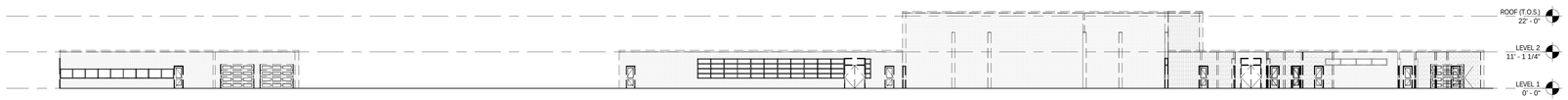
PROJ. NUMBER:	2206
DATE:	3/29/24
SCALE:	As indicated
DRAWN BY:	NNM
REVISIONS:	

DD SET

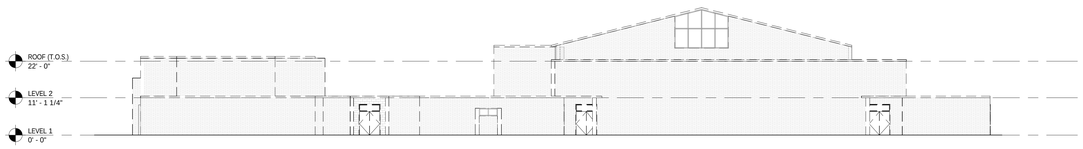
D101



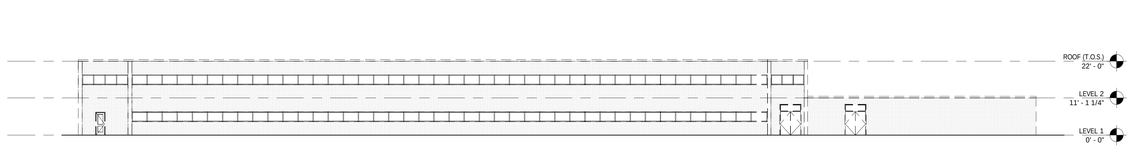
A1 NORTH ELEVATION, EAST - DEMOLITION
1/16" = 1'-0"



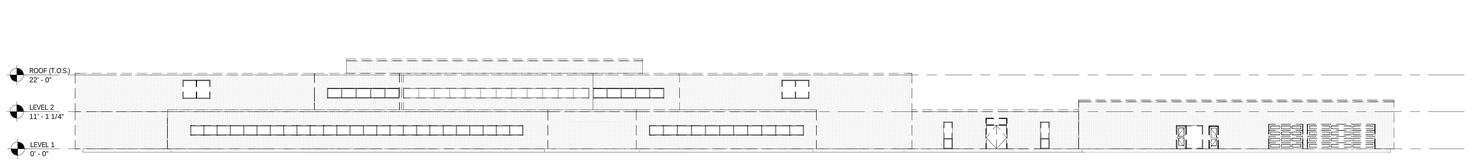
B1 Elevation 3 - b
1/16" = 1'-0"



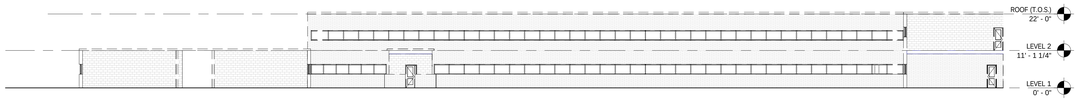
C1 EAST ELEVATION - DEMOLITION
1/16" = 1'-0"



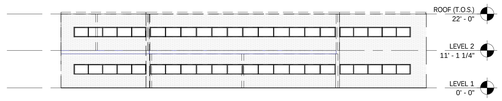
C5 NORTH ELEVATION, WEST - DEMOLITION
1/16" = 1'-0"



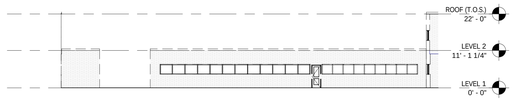
E1 WEST ELEVATION - DEMOLITION
1/16" = 1'-0"



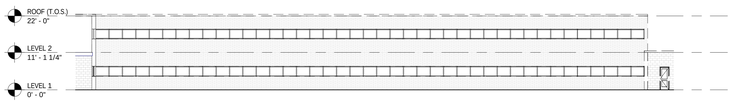
F1 NE COURTYARD, NORTH ELEVATION - DEMOLITION
1/16" = 1'-0"



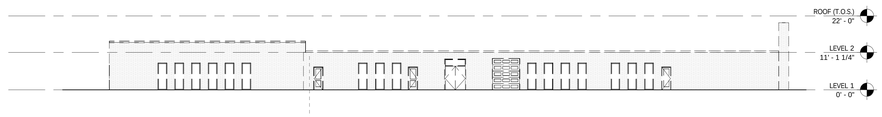
F6 NE COURTYARD, EAST ELEVATION - DEMOLITION
1/16" = 1'-0"



F8 NE COURTYARD, WEST ELEVATION - DEMOLITION
1/16" = 1'-0"



G1 NE COURTYARD, SOUTH ELEVATION - DEMOLITION
1/16" = 1'-0"



G5 SOUTH ELEVATION - DEMOLITION
1/16" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

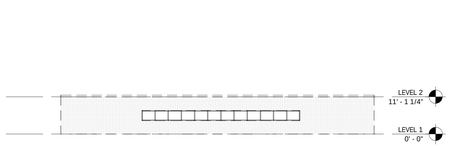
DEMOLITION ELEVATIONS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

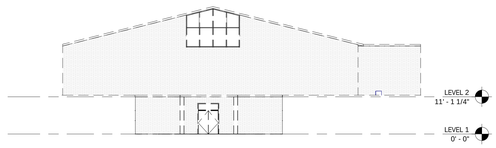
PROJ. NUMBER:	2206
DATE:	3/29/24
SCALE:	1/16" = 1'-0"
DRAWN BY:	NNM
REVISIONS:	

DD SET

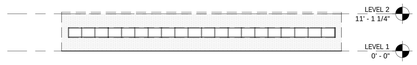
D102



B1 NW COURTYARD, NORTH ELEVATION - DEMOLITION
1/16" = 1'-0"



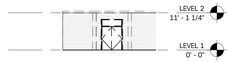
B3 NW COURTYARD, EAST ELEVATION - DEMOLITION
1/16" = 1'-0"



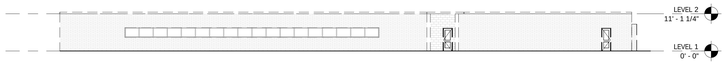
B5 NW COURTYRAD, SOUTH ELEVATION - DEMOLITION
1/16" = 1'-0"



B7 NW COURTYARD, WEST ELEVATION - DEMOLITION
1/16" = 1'-0"



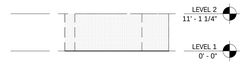
B8 SW COURTYARD, EAST ELEVATION - DEMOLITION
1/16" = 1'-0"



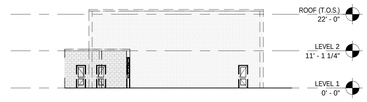
C1 SW COURTYARD, NORTH ELEVATION - DEMOLITION
1/16" = 1'-0"



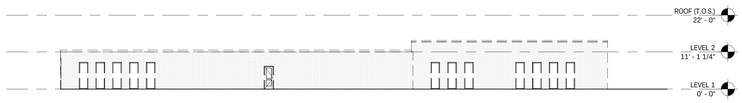
C4 SW COURTYRAD, SOUTH ELEVATION - DEMOLITION
1/16" = 1'-0"



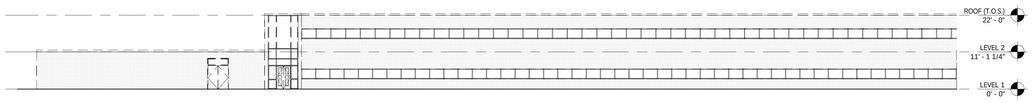
C7 SW COURTYRAD, WEST ELEVATION - DEMOLITION
1/16" = 1'-0"



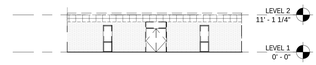
C8 SOUTH EAST ELEVATION - DEMOLITION
1/16" = 1'-0"



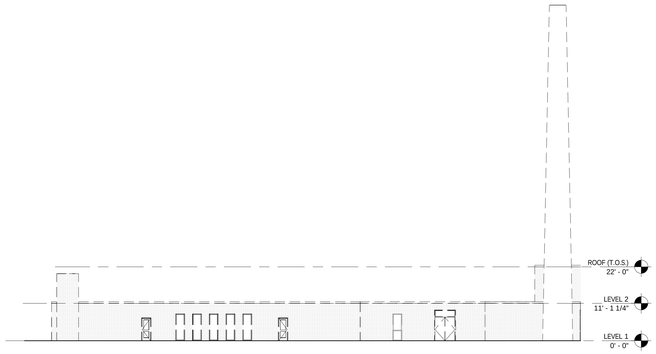
D1 SE COURTYRAD, SOUTH ELEVATION - DEMOLITION
1/16" = 1'-0"



D4 SW ADDITION, SOUTH ELEVATION - DEMOLITION
1/16" = 1'-0"



D8 SE COURTYARD, WEST ELEVATION - DEMOLITION
1/16" = 1'-0"



F1 SOUTH WEST ELEVATION - DEMOLITION
1/16" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DEMOLITION ELEVATIONS

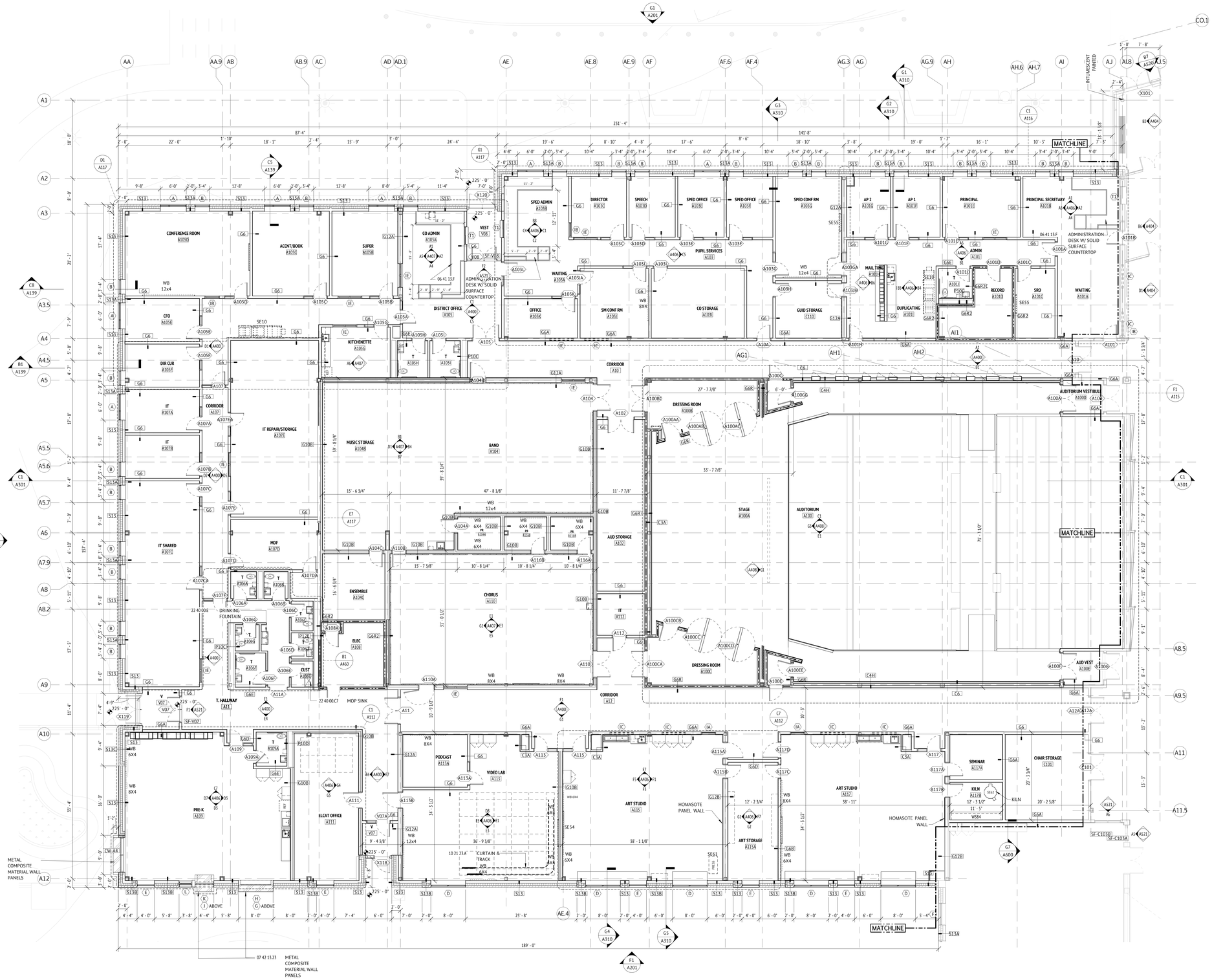
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

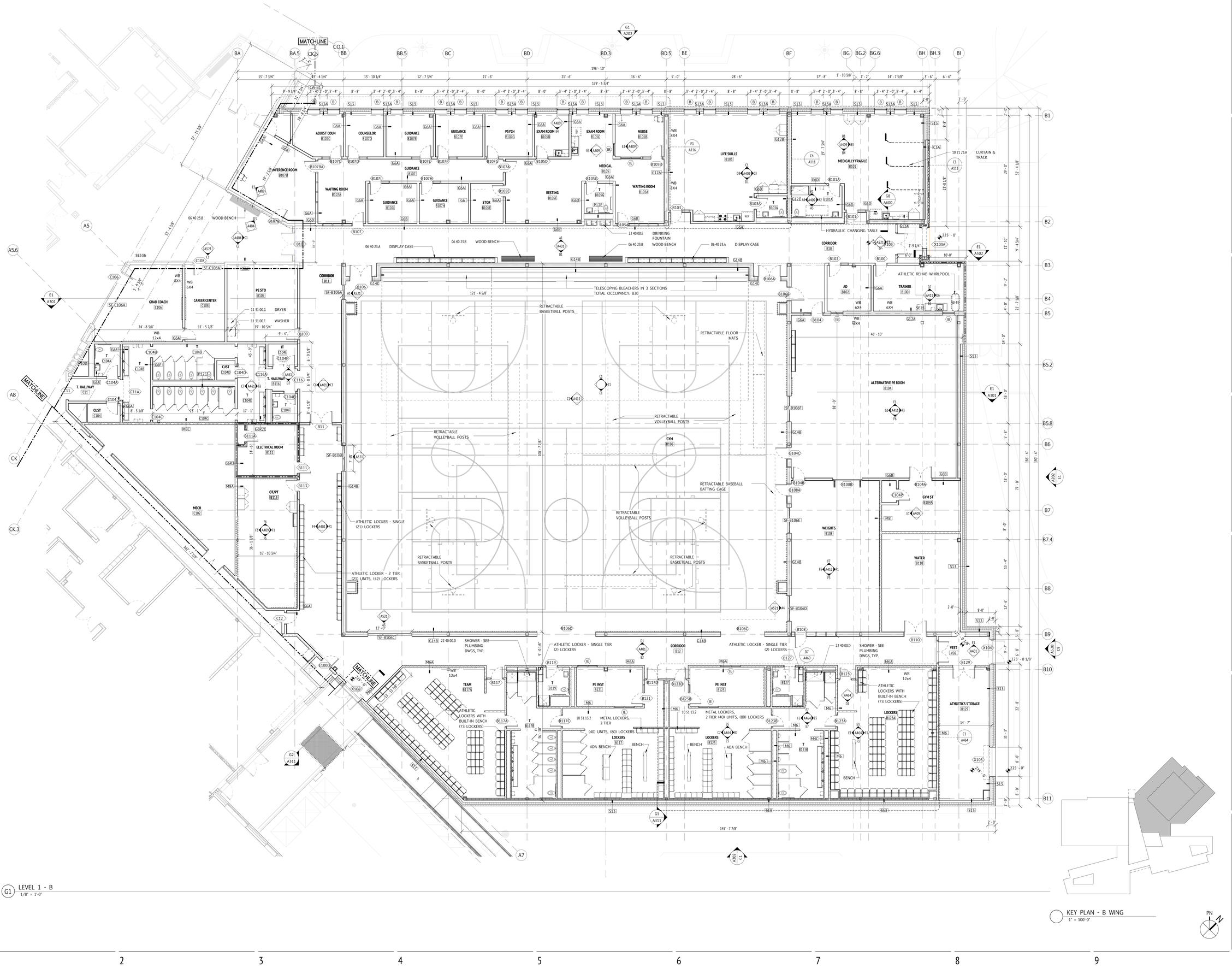
PROJ. NUMBER:	2206
DATE:	3/29/24
SCALE:	1/16" = 1'-0"
DRAWN BY:	NNM
REVISIONS:	

DD SET

D103


A101.1
A101.2
A101.3
A101.4
A101.5
MATCHLINE
MATCHLINE
MATCHLINE
MATCHLINE
MEDICALLY FRAGILE
LIFE SKILLS
CORRIDOR
TRAINER
ALTERNATIVE PE ROOM
GYM ST
WATER
WEIGHTS
LOCKERS
ATHLETICS STORAGE
PE INST
LOCKERS
LOCKERS
LOCKERS
MUSIC
EXAM ROOM
EXAM ROOM
PSYCH
MEDICAL
WAITING ROOM
RESTRM
STOR
GUIDANCE
GUIDANCE
GUIDANCE
GUIDANCE
GUIDANCE
COUNSELOR
COUNSELOR
ADJUST COUN
MAIN ENTRY
VESTIBULE
WAITING ROOM
CONFERENCE ROOM
CORRIDOR
CAREER CENTER
QUAD COACH
HALLWAY
ELECTRICAL ROOM
MECH
CUST
CORRIDOR
KITCHEN OFFICE
KITCHEN
RECEIVING
TRASH
ELEC
SERVERY
STOREROOM
WORKSHOP
OFFICE
CAFETERIA
CONFERENCE ROOM
ACCT. ROOM
SUPER
CO-ADMIN
VEST
SPED ADMIN
DIRECTOR
SPEECH
SPED OFFICE
SPED OFFICE
SPED CONF RM
AP 2
AP 1
PRINCIPAL
PRINCIPAL SECRETARY
PUPIL SERVICES
DISTRICT OFFICE
SW CONF RM
CO STORAGE
GUID STORAGE
DUPLICATING
ADMIN
RECEPT
SRO
WAITING
CHI
SW CHI
KITCHENETTE
CORRIDOR
IT
IT REPAIR/STORAGE
MUSIC STORAGE
BAND
AUD STORAGE
PR
PR
PR
STAGE
AUDITORIUM
ORCHESTRA
DRESSING ROOM
DRESSING ROOM
CORRIDOR
IT SHARED
MDF
ENSEMBLE
CHORUS
IDF
ELEC
T. HALLWAY
PRE-K
FLEX
FLEX
FLEX


CONFERENCE ROOM A105D
ACCNT/BOOK A105C
SUPER A105B
CO ADMIN A105A
VEST V08
SF-V08
SPED ADMIN A103B
DIRECTOR A103C
SPEECH A103D
SPED OFFICE A103E
SPED OFFICE A103F
SPED CONF RM A103G
AP 2 A101G
AP 1 A101F
PRINCIPAL A101E
PRINCIPAL SECRETARY A101B
ADMINISTRATION DESK W/ SOLID SURFACE COUNTERTOP
ADMIN A101
RECORD A101D
SRO A101C
WAITING A101A
MAIL THEFT A101H
DUPLICATING A101I
WAITING A103A
OFFICE A103K
SM CONF RM A103I
CD STORAGE A103H
GUID STORAGE C110
PUPIL SERVICES A103
DISTRICT OFFICE A105
CFO A105E
DIR CUR A105F
KITCHENETTE A105G
CORRIDOR A107
IT A107A
IT A107B
IT REPAIR/STORAGE A107E
IT SHARED A107C
MDF A107D
MUSIC STORAGE A104B
BAND A104
ENSEMBLE A104C
ELEC A108
CUST A108A
DRINKING FOUNTAIN A106G
T. HALLWAY A11
CORRIDOR A10
CORRIDOR A12
AUD STORAGE A102
CHORUS A110
IT A112
DRESSING ROOM A100C
DRESSING ROOM A100B
STAGE A100A
AUDITORIUM A100
AUDITORIUM VESTIBULE A100A
AUD VEST A100E
PODCAST A113A
VIDEO LAB A115
ELCAT OFFICE A111
PRE-K A109
ART STUDIO A115
ART STUDIO A117
ART STORAGE A115A
HOMASOTE PANEL WALL
CURTAIN & TRACK
SEMINAR A117A
KILN A117B
CHAIR STORAGE C101
METAL COMPOSITE MATERIAL WALL PANELS
MATCHLINE
BITUMESCENT PAINTED
WB 12x4
WB 8X4
WB 6X4
WB 8X4
WB 12x4
WB 6X4
WB 6X4
WB 6X



G1 LEVEL 1 - B
1/8" = 1'-0"

KEY PLAN - B WING
1" = 100'-0"

PN

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

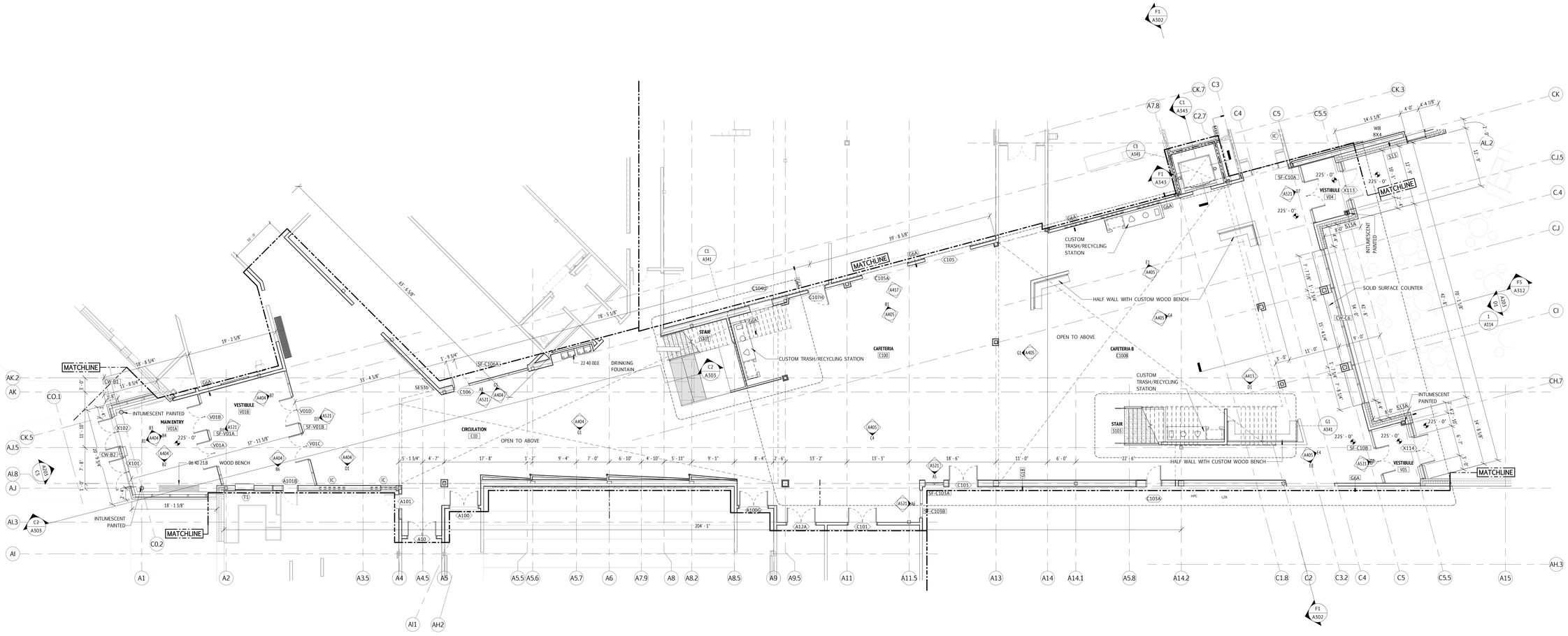
LEVEL 1 PLAN - B WING

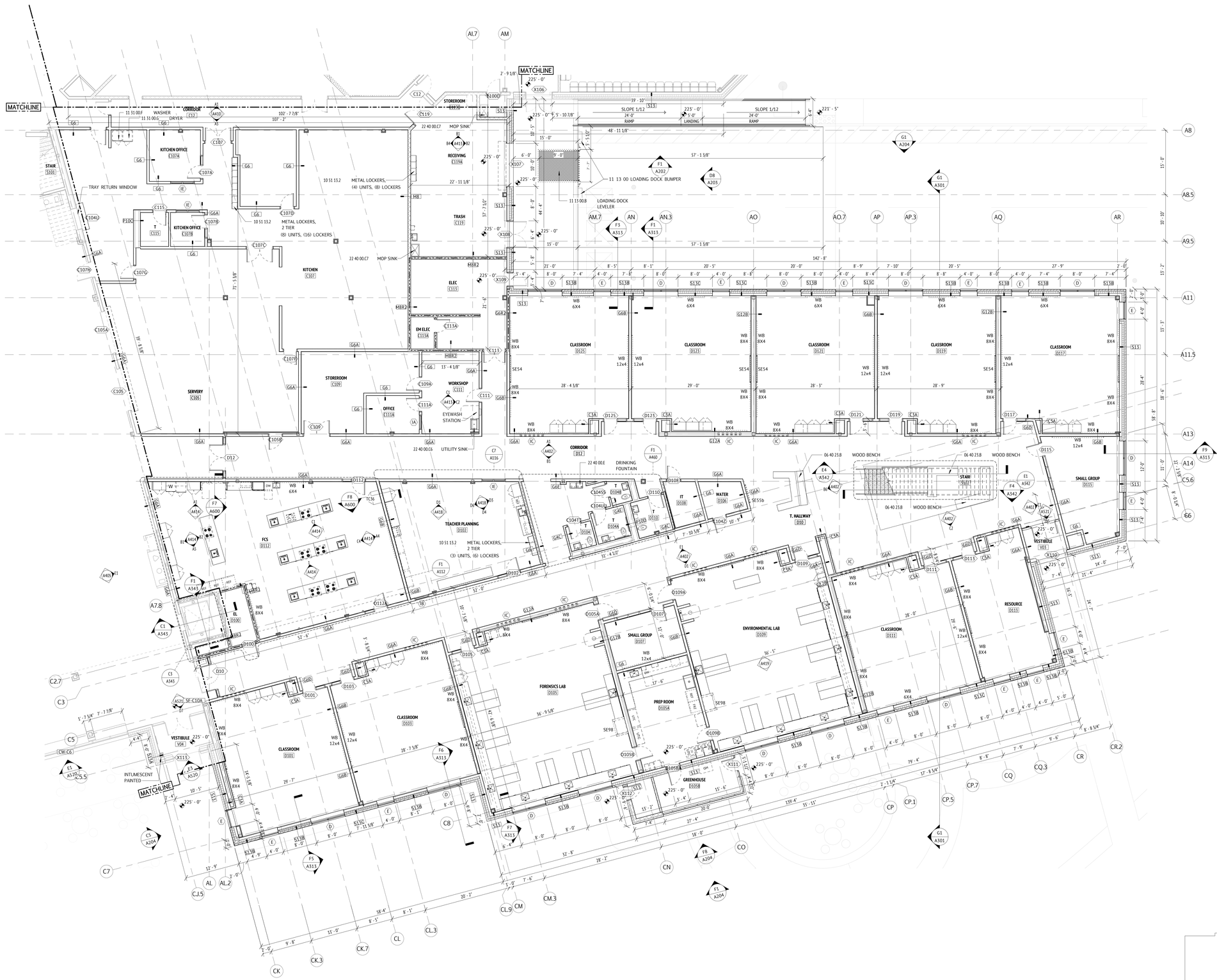
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	AG/JD
REVISIONS:	

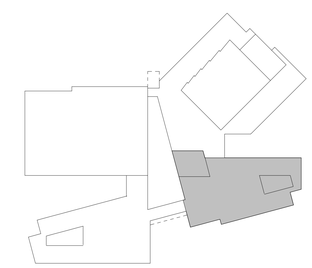
DD SET

A101.2


MATCHLINE
MAIN ENTRY
V01A
VESTIBULE
V01B
V01D
V01C
SF-V01A
SF-V01B
WOOD BENCH
INTUMESCENT PAINTED
CIRCULATION
C10
OPEN TO ABOVE
STAIR
S101
CAFETERIA
C100
CUSTOM TRASH/RECYCLING STATION
DRINKING FOUNTAIN
HALF WALL WITH CUSTOM WOOD BENCH
CAFETERIA B
C100B
SOLID SURFACE COUNTER
VESTIBULE
V04
V05
SF-C10A
SF-C10B
SF-C10C
SF-C10D
SF-C10E
SF-C10F
SF-C10G
SF-C10H
SF-C10I
SF-C10J
SF-C10K
SF-C10L
SF-C10M
SF-C10N
SF-C10O
SF-C10P
SF-C10Q
SF-C10R
SF-C10S
SF-C10T
SF-C10U
SF-C10V
SF-C10W
SF-C10X
SF-C10Y
SF-C10Z
SF-C10AA
SF-C10AB
SF-C10AC
SF-C10AD
SF-C10AE
SF-C10AF
SF-C10AG
SF-C10AH
SF-C10AI
SF-C10AJ
SF-C10AK
SF-C10AL
SF-C10AM
SF-C10AN
SF-C10AO
SF-C10AP
SF-C10AQ
SF-C10AR
SF-C10AS
SF-C10AT
SF-C10AU
SF-C10AV
SF-C10AW
SF-C10AX
SF-C10AY
SF-C10AZ
SF-C10BA
SF-C10BB
SF-C10BC
SF-C10BD
SF-C10BE
SF-C10BF
SF-C10BG
SF-C10BH
SF-C10BI
SF-C10BJ
SF-C10BK
SF-C10BL
SF-C10BM
SF-C10BN
SF-C10BO
SF-C10BP
SF-C10BQ
SF-C10BR
SF-C10BS
SF-C10BT
SF-C10BU
SF-C10BV
SF-C10BW
SF-C10BX
SF-C10BY
SF-C10BZ
SF-C10CA
SF-C10CB
SF-C10CC
SF-C10CD
SF-C10CE
SF-C10CF
SF-C10CG
SF-C10CH
SF-C10CI
SF-C10CJ
SF-C10CK
SF-C10CL
SF-C10CM
SF-C10CN
SF-C10CO
SF-C10CP
SF-C10CQ
SF-C10CR
SF-C10CS
SF-C10CT
SF-C10CU
SF-C10CV
SF-C10CW
SF-C10CX
SF-C10CY
SF-C10CZ
SF-C10DA
SF-C10DB
SF-C10DC
SF-C10DD
SF-C10DE
SF-C10DF
SF-C10DG
SF-C10DH
SF-C10DI
SF-C10DJ
SF-C10DK
SF-C10DL
SF-C10DM
SF-C10DN
SF-C10DO
SF-C10DP
SF-C10DQ
SF-C10DR
SF-C10DS
SF-C10DT
SF-C10DU
SF-C10DV
SF-C10DW
SF-C10DX
SF-C10DY
SF-C10DZ
SF-C10EA
SF-C10EB
SF-C10EC
SF-C10ED
SF-C10EE
SF-C10EF
SF-C10EG
SF-C10EH
SF-C10EI
SF-C10EJ
SF-C10EK
SF-C10EL
SF-C10EM
SF-C10EN
SF-C10EO
SF-C10EP
SF-C10EQ
SF-C10ER
SF-C10ES
SF-C10ET
SF-C10EU
SF-C10EV
SF-C10EW
SF-C10EX
SF-C10EY
SF-C10EZ
SF-C10FA
SF-C10FB
SF-C10FC
SF-C10FD
SF-C10FE
SF-C10FF
SF-C10FG
SF-C10FH
SF-C10FI
SF-C10FJ
SF-C10FK
SF-C10FL
SF-C10FM
SF-C10FN
SF-C10FO
SF-C10FP
SF-C10FQ
SF-C10FR
SF-C10FS
SF-C10FT
SF-C10FU
SF-C10FV
SF-C10FW
SF-C10FX
SF-C10FY
SF-C10FZ
SF-C10GA
SF-C10GB
SF-C10GC
SF-C10GD
SF-C10GE
SF-C10GF
SF-C10GG
SF-C10GH
SF-C10GI
SF-C10GJ
SF-C10GK
SF-C10GL
SF-C10GM
SF-C10GN
SF-C10GO
SF-C10GP
SF-C10GQ
SF-C10GR
SF-C10GS
SF-C10GT
SF-C10GU
SF-C10GV
SF-C10GW
SF-C10GX
SF-C10GY
SF-C10GZ
SF-C10HA
SF-C10HB
SF-C10HC
SF-C10HD
SF-C10HE
SF-C10HF
SF-C10HG
SF-C10HH
SF-C10HI
SF-C10HJ
SF-C10HK
SF-C10HL
SF-C10HM
SF-C10HN
SF-C10HO
SF-C10HP
SF-C10HQ
SF-C10HR
SF-C10HS
SF-C10HT
SF-C10HU
SF-C10HV
SF-C10HW
SF-C10HX
SF-C10HY
SF-C10HZ
SF-C10IA
SF-C10IB
SF-C10IC
SF-C10ID
SF-C10IE
SF-C10IF
SF-C10IG
SF-C10IH
SF-C10II
SF-C10IJ
SF-C10IK
SF-C10IL
SF-C10IM
SF-C10IN
SF-C10IO
SF-C10IP
SF-C10IQ
SF-C10IR
SF-C10IS
SF-C10IT
SF-C10IU
SF-C10IV
SF-C10IW
SF-C10IX
SF-C10IY
SF-C10IZ
SF-C10JA
SF-C10JB
SF-C10JC
SF-C10JD
SF-C10JE
SF-C10JF
SF-C10JG
SF-C10JH
SF-C10JI
SF-C10JJ
SF-C10JK
SF-C10JL
SF-C10JM
SF-C10JN
SF-C10JO
SF-C10JP
SF-C10JQ
SF-C10JR
SF-C10JS
SF-C10JT
SF-C10JU
SF-C10JV
SF-C10JW
SF-C10JX
SF-C10JY
SF-C10JZ
SF-C10KA
SF-C10KB
SF-C10KC
SF-C10KD
SF-C10KE
SF-C10KF
SF-C10KG
SF-C10KH
SF-C10KI
SF-C10KJ
SF-C10KK
SF-C10KL
SF-C10KM
SF-C10KN
SF-C10KO
SF-C10KP
SF-C10KQ
SF-C10KR
SF-C10KS
SF-C10KT
SF-C10KU
SF-C10KV
SF-C10KW
SF-C10KX
SF-C10KY
SF-C10KZ
SF-C10LA
SF-C10LB
SF-C10LC
SF-C10LD
SF-C10LE
SF-C10LF
SF-C10LG
SF-C10LH
SF-C10LI
SF-C10LJ
SF-C10LK
SF-C10LL
SF-C10LM
SF-C10LN
SF-C10LO
SF-C10LP
SF-C10LQ
SF-C10LR
SF-C10LS
SF-C10LT
SF-C10LU
SF-C10LV
SF-C10LW
SF-C10LX
SF-C10LY
SF-C10LZ
SF-C10MA
SF-C10MB
SF-C10MC
SF-C10MD
SF-C10ME
SF-C10MF
SF-C10MG
SF-C10MH
SF-C10MI
SF-C10MJ
SF-C10MK
SF-C10ML
SF-C10MM
SF-C10MN
SF-C10MO
SF-C10MP
SF-C10MQ
SF-C10MR
SF-C10MS
SF-C10MT
SF-C10MU
SF-C10MV
SF-C10MW
SF-C10MX
SF-C10MY
SF-C10MZ
SF-C10NA
SF-C10NB
SF-C10NC
SF-C10ND
SF-C10NE
SF-C10NF
SF-C10NG
SF-C10NH
SF-C10NI
SF-C10NJ
SF-C10NK
SF-C10NL
SF-C10NM
SF-C10NN
SF-C10NO
SF-C10NP
SF-C10NQ
SF-C10NR
SF-C10NS
SF-C10NT
SF-C10NU
SF-C10NV
SF-C10NW
SF-C10NX
SF-C10NY
SF-C10NZ
SF-C10OA
SF-C10OB
SF-C10OC
SF-C10OD
SF-C10OE
SF-C10OF
SF-C10OG
SF-C10OH
SF-C10OI
SF-C10OJ
SF-C10OK
SF-C10OL
SF-C10OM
SF-C10ON
SF-C10OO
SF-C10OP
SF-C10OQ
SF-C10OR
SF-C10OS
SF-C10OT
SF-C10OU
SF-C10OV
SF-C10OW
SF-C10OX
SF-C10OY
SF-C10OZ
SF-C10PA
SF-C10PB
SF-C10PC
SF-C10PD
SF-C10PE
SF-C10PF
SF-C10PG
SF-C10PH
SF-C10PI
SF-C10PJ
SF-C10PK
SF-C10PL
SF-C10PM
SF-C10PN
SF-C10PO
SF-C10PP
SF-C10PQ
SF-C10PR
SF-C10PS
SF-C10PT
SF-C10PU
SF-C10PV
SF-C10PW
SF-C10PX
SF-C10PY
SF-C10PZ
SF-C10QA
SF-C10QB
SF-C10QC
SF-C10QD
SF-C10QE
SF-C10QF
SF-C10QG
SF-C10QH
SF-C10QI
SF-C10QJ
SF-C10QK
SF-C10QL
SF-C10QM
SF-C10QN
SF-C10QO
SF-C10QP
SF-C10QQ
SF-C10QR
SF-C10QS
SF-C10QT
SF-C10QU
SF-C10QV
SF-C10QW
SF-C10QX
SF-C10QY
SF-C10QZ
SF-C10RA
SF-C10RB
SF-C10RC
SF-C10RD
SF-C10RE
SF-C10RF
SF-C10RG
SF-C10RH
SF-C10RI
SF-C10RJ
SF-C10RK
SF-C10RL
SF-C10RM
SF-C10RN
SF-C10RO
SF-C10RP
SF-C10RQ
SF-C10RR
SF-C10RS
SF-C10RT
SF-C10RU
SF-C10RV
SF-C10RW
SF-C10RX
SF-C10RY
SF-C10RZ
SF-C10SA
SF-C10SB
SF-C10SC
SF-C10SD
SF-C10SE
SF-C10SF
SF-C10SG
SF-C10SH
SF-C10SI
SF-C10SJ
SF-C10SK
SF-C10SL
SF-C10SM
SF-C10SN
SF-C10SO
SF-C10SP
SF-C10SQ
SF-C10SR
SF-C10SS
SF-C10ST
SF-C10SU
SF-C10SV
SF-C10SW
SF-C10SX
SF-C10SY
SF-C10SZ
SF-C10TA
SF-C10TB
SF-C10TC
SF-C10TD
SF-C10TE
SF-C10TF
SF-C10TG
SF-C10TH
SF-C10TI
SF-C10TJ
SF-C10TK
SF-C10TL
SF-C10TM
SF-C10TN
SF-C10TO
SF-C10TP
SF-C10TQ
SF-C10TR
SF-C10TS
SF-C10TT
SF-C10TU
SF-C10TV
SF-C10TW
SF-C10TX
SF-C10TY
SF-C10TZ
SF-C10UA
SF-C10UB
SF-C10UC
SF-C10UD
SF-C10UE
SF-C10UF
SF-C10UG
SF-C10UH
SF-C10UI
SF-C10UJ
SF-C10UK
SF-C10UL
SF-C10UM
SF-C10UN
SF-C10UO
SF-C10UP
SF-C10UQ
SF-C10UR
SF-C10US
SF-C10UT
SF-C10UU
SF-C10UV
SF-C10UW
SF-C10UX
SF-C10UY
SF-C10UZ
SF-C10VA
SF-C10VB
SF-C10VC
SF-C10VD
SF-C10VE
SF-C10VF
SF-C10VG
SF-C10VH
SF-C10VI
SF-C10VJ
SF-C10VK
SF-C10VL
SF-C10VM
SF-C10VN
SF-C10VO
SF-C10VP
SF-C10VQ
SF-C10VR
SF-C10VS
SF-C10VT
SF-C10VU
SF-C10VV
SF-C10VW
SF-C10VX
SF-C10VY
SF-C10VZ
SF-C10WA
SF-C10WB
SF-C10WC
SF-C10WD
SF-C10WE
SF-C10WF
SF-C10WG
SF-C10WH
SF-C10WI
SF-C10WJ
SF-C10WK
SF-C10WL
SF-C10WM
SF-C10WN
SF-C10WO
SF-C10WP
SF-C10WQ
SF-C10WR
SF-C10WS
SF-C10WT
SF-C10WU
SF-C10WV
SF-C10WW
SF-C10WX
SF-C10WY
SF-C10WZ
SF-C10XA
SF-C10XB
SF-C10XC
SF-C10XD
SF-C10XE
SF-C10XF
SF-C10XG
SF-C10XH
SF-C10XI
SF-C10XJ
SF-C10XK
SF-C10XL
SF-C10XM
SF-C10XN
SF-C10XO
SF-C10XP
SF-C10XQ
SF-C10XR
SF-C10XS
SF-C10XT
SF-C10XU
SF-C10XV
SF-C10XW
SF-C10XX
SF-C10XY
SF-C10XZ
SF-C10YA
SF-C10YB
SF-C10YC
SF-C10YD
SF-C10YE
SF-C10YF
SF-C10YG
SF-C10YH
SF-C10YI
SF-C10YJ
SF-C10YK
SF-C10YL
SF-C10YM
SF-C10YN
SF-C10YO
SF-C10YP
SF-C10YQ
SF-C10YR
SF-C10YS
SF-C10YT
SF-C10YU
SF-C10YV
SF-C10YW
SF-C10YX
SF-C10YY
SF-C10YZ
SF-C10ZA
SF-C10ZB
SF-C10ZC
SF-C10ZD
SF-C10ZE
SF-C10ZF
SF-C10ZG
SF-C10ZH
SF-C10ZI
SF-C10ZJ
SF-C10ZK
SF-C10ZL
SF-C10ZM
SF-C10ZN
SF-C10ZO
SF-C10ZP
SF-C10ZQ
SF-C10ZR
SF-C10ZS
SF-C10ZT
SF-C10ZU
SF-C10ZV
SF-C10ZW
SF-C10ZX
SF-C10ZY
SF-C10ZZ
SF-C10AAA
SF-C10AAB
SF-C10AAC
SF-C10AAD
SF-C10AAE
SF-C10AAF
SF-C10AAG
SF-C10AAH
SF-C10AAI
SF-C10AAJ
SF-C10AAK
SF-C10AAL
SF-C10AAM
SF-C10AAN
SF-C10AAO
SF-C10AAP
SF-C10AAQ
SF-C10AAR
SF-C10AAS
SF-C10AAT
SF-C10AAU
SF-C10AAV
SF-C10AAW
SF-C10AAX
SF-C10AAY
SF-C10AAZ
SF-C10ABA
SF-C10ABB
SF-C10ABC
SF-C10ABD
SF-C10ABE
SF-C10ABF
SF-C10ABG
SF-C10ABH
SF-C10ABI
SF-C10ABJ
SF-C10ABK
SF-C10ABL
SF-C10ABM
SF-C10ABN
SF-C10ABO
SF-C10ABP
SF-C10ABQ
SF-C10ABR
SF-C10ABS
SF-C10ABT
SF-C10ABU
SF-C10ABV
SF-C10ABW
SF-C10ABX
SF-C10ABY
SF-C10ABZ
SF-C10ACA
SF-C10ACB
SF-C10ACC
SF-C10ACD
SF-C10ACE
SF-C10ACF
SF-C10ACG
SF-C10ACH
SF-C10ACI
SF-C10ACJ
SF-C10ACK
SF-C10ACL
SF-C10ACM
SF-C10ACN
SF-C10ACO
SF-C10ACP
SF-C10ACQ
SF-C10ACR
SF-C10ACS
SF-C10ACT
SF-C10ACU
SF-C10ACV
SF-C10ACW
SF-C10ACX
SF-C10ACY
SF-C10ACZ
SF-C10ADA
SF-C10ADB
SF-C10ADC
SF-C10ADD
SF-C10ADE
SF-C10ADF
SF-C10ADG
SF-C10ADH
SF-C10ADI
SF-C10ADJ
SF-C10ADK
SF-C10ADL
SF-C10ADM
SF-C10ADN
SF-C10ADO
SF-C10ADP
SF-C10ADQ
SF-C10ADR
SF-C10ADS
SF-C10ADT
SF-C10ADU
SF-C10ADV
SF-C10ADW
SF-C10ADX
SF-C10ADY
SF-C10ADZ
SF-C10AEA
SF-C10AEB
SF-C10AEC
SF-C10AED
SF-C10AEE
SF-C10AEF
SF-C10AEG
SF-C10AEH
SF-C10AEI
SF-C10AEJ
SF-C10AEK
SF-C10AEL
SF-C10AEM
SF-C10AEN
SF-C10AEO
SF-C10AEP
SF-C10AEQ
SF-C10AER
SF-C10AES
SF-C10AET
SF-C10AEU
SF-C10AEV
SF-C10AEW
SF-C10AEX
SF-C10AEY
SF-C10AEZ
SF-C10AFA
SF-C10AFB
SF-C10AFC
SF-C10AFD
SF-C10AFE
SF-C10AFF
SF-C10AFG
SF-C10AFH
SF-C10AFI
SF-C10AFJ
SF-C10AFK
SF-C10AFL
SF-C10AFM
SF-C10AFN
SF-C10AFO
SF-C10AFP
SF-C10AFQ
SF-C10AFR
SF-C10AFS
SF-C10AFT
SF-C10AFU
SF-C10AFV
SF-C10AFW
SF-C10AFX
SF-C10AFY
SF-C10AFZ
SF-C10AGA
SF-C10AGB
SF-C10AGC
SF-C10AGD
SF-C10AGE
SF-C10AGF
SF-C10AGG
SF-C10AGH
SF-C10AGI
SF-C10AGJ
SF-C10AGK
SF-C10AGL
SF-C10AGM
SF-C10AGN
SF-C10AGO
SF-C10AGP
SF-C10AGQ
SF-C10AGR
SF-C10AGS
SF-C10AGT
SF-C10AGU
SF-C10AGV
SF-C10AGW
SF-C10AGX
SF-C10AGY
SF-C10AGZ
SF-C10AHA
SF-C10AHB
SF-C10AHC
SF-C10AHD
SF-C10AHE
SF-C10AHF
SF-C10AHG
SF-C10AHH
SF-C10AHI
SF-C10AHJ
SF-C10AHK
SF-C10AHL
SF-C10AHM
SF-C10AHN
SF-C10AHO
SF-C10AHP
SF-C10AHQ
SF-C10AHR
SF-C10AHS
SF-C10AHT
SF-C10AHU
SF-C10AHV
SF-C10AHW
SF-C10AHX
SF-C10AHY
SF-C10AHZ
SF-C10AIA
SF-C10AIB
SF-C10AIC
SF-C10AID
SF-C10AIE
SF-C10AIF
SF-C10AIG
SF-C10AIH
SF-C10AII
SF-C10AIJ
SF-C10AIK
SF-C10AIL
SF-C10AIM
SF-C10AIN
SF-C10AIO
SF-C10AIP
SF-C10AIQ
SF-C10AIR
SF-C10AIS
SF-C10AIT
SF-C10AIU
SF-C10AIV
SF-C10AIW
SF-C10AIX
SF-C10AIY
SF-C10AIZ
SF-C10AJA
SF-C10AJB
SF-C10AJC
SF-C10AJD
SF-C10AJE
SF-C10AJF
SF-C10AJG
SF-C10AJH
SF-C10AJI
SF-C10AJJ
SF-C10AJK
SF-C10AJL
SF-C10AJM
SF-C10AJN
SF-C10AJO
SF-C10AJP
SF-C10AJQ
SF-C10AJR
SF-C10AJS
SF-C10AJT
SF-C10AJU
SF-C10AJV
SF-C10AJW
SF-C10AJX
SF-C10AJY
SF-C10AJZ
SF-C10AKA
SF-C10AKB
SF-C10AKC
SF-C10AKD
SF-C10AKE
SF-C10AKF
SF-C10AKG
SF-C10AKH
SF-C10AKI
SF-C10AKJ
SF-C10AKK
SF-C10AKL
SF-C10AKM
SF-C10AKN
SF-C10AKO
SF-C10AKP
SF-C10AKQ
SF-C10AKR
SF-C10AKS
SF-C10AKT
SF-C10AKU
SF-C10AKV
SF-C10AKW
SF-C10AKX
SF-C10AKY
SF-C10AKZ
SF-C10ALA
SF-C10ALB
SF-C10ALC
SF-C10ALD
SF-C10ALE
SF-C10ALF
SF-C10ALG
SF-C10ALH
SF-C10ALI
SF-C10ALJ
SF-C10ALK
SF-C10ALL
SF-C10ALM
SF-C10ALN
SF-C10ALO
SF-C10ALP
SF-C10ALQ
SF-C10ALR
SF-C10ALS
SF-C10ALT
SF-C10ALU
SF-C10ALV
SF-C10ALW
SF-C10ALX
SF-C10ALY
SF-C10ALZ
SF-C10AMA
SF-C10AMB
SF-C10AMC
SF-C10AMD
SF-C10AME
SF-C10AMF
SF-C10AMG
SF-C10AMH
SF-C10AMI
SF-C10AMJ
SF-C10AMK
SF-C10AML
SF-C10AMM
SF-C10AMN
SF-C10AMO
SF-C10AMP
SF-C10AMQ
SF-C10AMR
SF-C10AMS
SF-C10AMT
SF-C10AMU
SF-C10AMV
SF-C10AMW
SF-C10AMX
SF-C10AMY
SF-C10AMZ
SF-C10ANA
SF-C10ANB
SF-C10ANC
SF-C10AND
SF-C10ANE
SF-C10ANF
SF-C10ANG
SF-C10ANH
SF-C10ANI
SF-C10ANJ
SF-C10ANK
SF-C10ANL
SF-C10ANM
SF-C10ANN
SF-C10ANO
SF-C10ANP
SF-C10ANQ
SF-C10ANR
SF-C10ANS
SF-C10ANT
SF-C10ANU
SF-C10ANV
SF-C10ANW
SF-C10ANX
SF-C10ANY
SF-C10ANZ
SF-C10AOA
SF-C10AOB
SF-C10AOC
SF-C10AOD
SF-C10AOE
SF-C10AOF
SF-C10AOG
SF-C10AOH
SF-C10AOI
SF-C10AOJ
SF-C10AOK
SF-C10AOL
SF-C10AOM
SF-C10AON
SF-C10AOO
SF-C10AOP
SF-C10AOQ
SF-C10AOR
SF-C10AOS
SF-C10AOT
SF-C10AOU
SF-C10AOV
SF-C10AOW
SF-C10AOX
SF-C10AOY
SF-C10AOZ
SF-C10APA
SF-C10APB
SF-C10APC
SF-C10APD
SF-C10APE
SF-C10APF
SF-C10APG
SF-C10APH
SF-C10API
SF-C10APJ
SF-C10APK
SF-C10APL
SF-C10APM
SF-C10APN
SF-C10APO
SF-C10APP
SF-C10APQ
SF-C10APR
SF-C10APS
SF-C10APT
SF-C10APU
SF-C10APV
SF-C10APW
SF-C10APX
SF-C10APY
SF-C10APZ
SF-C10AQA
SF-C10AQB
SF-C10AQC
SF-C10AQD
SF-C10AQE
SF-C10AQF
SF-C10AQG
SF-C10AQH
SF-C10AQI
SF-C10AQJ
SF-C10AQK
SF-C10AQL
SF-C10AQM
SF-C10AQN
SF-C10AQO
SF-C10AQP
SF-C10AQQ
SF-C10AQR
SF-C10AQS
SF-C10AQT
SF-C10AQU
SF-C10AQV
SF-C10AQW
SF-C10AQX
SF-C10AQY
SF-C10AQZ
SF-C10ARA
SF-C10ARB
SF-C10ARC
SF-C10ARD
SF-C10ARE
SF-C10ARF
SF-C10ARG
SF-C10ARH
SF-C10ARI
SF-C10ARJ
SF-C10ARK
SF-C10ARL
SF-C10ARM
SF-C10ARN
SF-C10ARO
SF-C10ARP
SF-C10ARQ
SF-C10ARR
SF-C10ARS
SF-C10ART
SF-C10ARU
SF-C10ARV
SF-C10ARW
SF-C10ARX
SF-C10ARY
SF-C10ARZ
SF-C10ASA
SF-C10ASB
SF-C10ASC
SF-C10ASD
SF-C10ASE
SF-C10ASF
SF-C10ASG
SF-C10ASH
SF-C10ASI
SF-C10ASJ
SF-C10ASK
SF-C10ASL
SF-C10ASM
SF-C10ASN
SF-C10ASO
SF-C10ASP
SF-C10ASQ
SF-C10ASR
SF-C10ASS
SF-C10AST
SF-C10ASU
SF-C10ASV
SF-C10ASW
SF-C10ASX
SF-C10ASY
SF-C10ASZ
SF-C10ATA
SF-C10ATB
SF-C10ATC
SF-C10ATD
SF-C10ATE
SF-C10ATF
SF-C10ATG
SF-C10ATH
SF-C10ATI
SF-C10ATJ
SF-C10ATK
SF-C10ATL
SF-C10ATM
SF-C10ATN
SF-C10ATO
SF-C10ATP
SF-C10ATQ
SF-C10ATR
SF-C10ATS
SF-C10ATT
SF-C10ATU
SF-C10ATV
SF-C10ATW
SF-C10ATX
SF-C10ATY
SF-C10ATZ
SF-C10AUA
SF-C10AUB
SF-C10AUC
SF-C10AUD
SF-C10AUE
SF-C10AUF
SF-C10AUG
SF-C10AUH
SF-C10AUI
SF-C10AUJ
SF-C10AUK
SF-C10AUL
SF-C10AUM
SF-C10AUN
SF-C10AUO
SF-C10AUP
SF-C10AUQ
SF-C10AUR
SF-C10AUS
SF-C10AUT
SF-C10AUU
SF-C10AUV
SF-C10AUW
SF-C10AUX
SF-C10AUY
SF-C10AUZ
SF-C10AVA
SF-C10AVB
SF-C10AVC
SF-C10AVD
SF-C10AVE
SF-C10AVF
SF-C10AVG
SF-C10AVH
SF-C10AVI
SF-C10AVJ
SF-C10AVK
SF-C10AVL
SF-C10AVM
SF-C10AVN
SF-C10AVO
SF-C10AVP
SF-C10AVQ
SF-C10AVR
SF-C10AVS
SF-C10AVT
SF-C10AVU
SF-C10AVV
SF-C10AVW
SF-C10AVX
SF-C10AVY
SF-C10AVZ
SF-C10AWA
SF-C10AWB
SF-C10AWC
SF-C10AWD
SF-C10AWE
SF-C10AWF
SF-C10AWG
SF-C10AWH
SF-C10AWI
SF-C10AWJ
SF-C10AWK
SF-C10AWL
SF-C10AWM
SF-C10AWN
SF-C10AWO
SF-C10AWP
SF-C10AWQ
SF-C10AWR
SF-C10AWS
SF-C10AWT
SF-C10AWU
SF-C10AWV
SF-C10AWW
SF-C10AWX
SF-C10AWY
SF-C10AWZ
SF-C10AXA
SF-C10AXB
SF-C10AXC
SF-C10AXD
SF-C10AXE
SF-C10AXF
SF-C10AXG
SF-C10AXH
SF-C10AXI
SF-C10AXJ
SF-C10AXK
SF-C10AXL
SF-C10AXM
SF-C10AXN
SF-C10AXO
SF-C10AXP
SF-C10AXQ
SF-C10AXR
SF-C10AXS
SF-C10AXT
SF-C10AXU
SF-C10AXV
SF-C10AXW
SF-C10AXX
SF-C10AXY
SF-C10AXZ
SF-C10AYA
SF-C10AYB
SF-C10AYC
SF-C10AYD
SF-C10AYE
SF-C10AYF
SF-C10AYG
SF-C10AYH
SF-C10AYI
SF-C10AYJ
SF-C10AYK
SF-C10AYL
SF-C10AYM
SF-C10AYN
SF-C10AYO
SF-C10AYP
SF-C10AYQ
SF-C10AYR
SF-C10AYS
SF-C10AYT
SF-C10AYU
SF-C10AYV
SF-C10AYW
SF-C10AYX
SF-C10AYY
SF-C10AYZ
SF-C10AZA
SF-C10AZB
SF-C10AZC
SF-C10AZD
SF-C10AZE
SF-C10AZF
SF-C10AZG
SF-C10AZH
SF-C10AZI
SF-C10AZJ
SF-C10AZK
SF-C10AZL
SF-C10AZM
SF-C10AZN
SF-C10AZO
SF-C10AZP
SF-C10AZQ
SF-C10AZR
SF-C10AZS
SF-C10AZT
SF-C10AZU
SF-C10AZV
SF-C10AZW
SF-C10AZX
SF-C10AZY
SF-C10AZZ
SF-C10BAA
SF-C10BAB
SF-C10BAC
SF-C10BAD
SF-C10BAE
SF-C10BAF
SF-C10BAG
SF-C10BAH
SF-C10BAI
SF-C10BAJ
SF-C10BAK
SF-C10BAL
SF-C10BAM
SF-C10BAN
SF-C10BAO
SF-C10BAP
SF-C10BAQ
SF-C10BAR
SF-C10BAS
SF-C10BAT
SF-C10BAU
SF-C10BAV
SF-C10BAW
SF-C10BAX
SF-C10BAY
SF-C10BAZ
SF-C10BBA
SF-C10BBB
SF-C10BBC
SF-C10BBD
SF-C10BBE
SF-C10BBF
SF-C10BBG
SF-C10BBH
SF-C10BBI
SF-C10BBJ
SF-C10BBK
SF-C10BBL
SF-C10BBM
SF-C10BBN
SF-C10BBO
SF-C10BBP
SF-C10BBQ
SF-C10BBR
SF-C10BBS
SF-C10BBT
SF-C10BBU
SF-C10BBV
SF-C10BBW
SF-C10BBX
SF-C10BBY
SF-C10BBZ
SF-C10BCA
SF-C10BCB
SF-C10BCC
SF-C10BCD
SF-C10BCE
SF-C10BCF
SF-C10BCG
SF-C10BCH
SF-C10BCI
SF-C10BCJ
SF-C10BCK
SF-C10BCL
SF-C10BCM
SF-C10BCN
SF-C10BCO
SF-C10BCP
SF-C10BCQ
SF-C10BCR
SF-C10BCS
SF-C10BCT
SF-C10BCU
SF-C10BCV
SF-C10BCW
SF-C10BCX
SF-C10BCY
SF-C10BCZ
SF-C10BDA
SF-C10BDB
SF-C10BDC
SF-C10BDD
SF-C10BDE
SF-C10BDF
SF-C10BDG
SF-C10BDH
SF-C10BDI
SF-C10BDJ
SF-C10BDK
SF-C10BDL
SF-C10BDM
SF-C10BDN
SF-C10BDO
SF-C10BDP
SF-C10BDQ
SF-C10BDR
SF-C10BDS
SF-C10BDT
SF-C10BDU
SF-C10BDV
SF-C10BDW
SF-C10BDX
SF-C10BDY
SF-C10BDZ
SF-C10BEA
SF-C10BEB
SF-C10BEC
SF-C10BED
SF-C10BEE
SF-C10BEF
SF-C10BEG
SF-C10BEH
SF-C10BEI
SF-C10BEJ
SF-C10BEK
SF-C10BEL
SF-C10BEM
SF-C10BEN
SF-C10BEO
SF-C10BEP
SF-C10BEQ
SF-C10BER
SF-C10BES
SF-C10BET
SF-C10BEU
SF-C10BEV
SF-C10BEW
SF-C10BEX
SF-C10BEY
SF-C10BEZ
SF-C10BFA
SF-C10BFB
SF-C10BFC
SF-C10BFD
SF-C10BFE
SF-C10BFF
SF-C10BFG
SF-C10BFH
SF-C10BFI
SF-C10BFJ
SF-C10BFK
SF-C10BFL
SF-C10BFM
SF-C10BFN
SF-C10BFO
SF-C10BFP
SF-C10BFQ
SF-C10BFR
SF-C10BFS
SF-C10BFT
SF-C10BFU
SF-C10BFV
SF-C10BFW
SF-C10BFX
SF-C10BFY
SF-C10BFZ
SF-C10BGA
SF-C10BGB
SF-C10BGC
SF-C10BGD
SF-C10BGE
SF-C10BGF
SF-C10BGG
SF-C10BGH
SF-C10BGI
SF-C10BGJ
SF-C10BGK
SF-C10BGL
SF-C10BGM
SF-C10BGN
SF-C10BGO
SF-C10BGP
SF-C10BGQ
SF-C10BGR
SF-C10BGS
SF-C10BGT
SF-C10BGU
SF-C10BGV
SF-C10BGW
SF-C10BGX
SF-C10BGY
SF-C10BGZ
SF-C10BHA
SF-C10BHB
SF-C10BHC
SF-C10BHD
SF-C10BHE
SF-C10BHF
SF-C10BHG
SF-C10BHH
SF-C10BHI
SF-C10BHJ
SF-C10BHK
SF-C10BHL
SF-C10BHM
SF-C10BHN
SF-C10BHO
SF-C10BHP
SF-C10BHQ
SF-C10BHR
SF-C10BHS
SF-C10BHT
SF-C10BHU
SF-C10BHV
SF-C10BHW
SF-C10BHX
SF-C10BHY
SF-C10BHZ
SF-C10BIA
SF-C10BIB
SF-C10BIC
SF-C10BID
SF-C10BIE
SF-C10BIF
SF-C10BIG
SF-C10BIH
SF-C10BII
SF-C10BIJ
SF-C10BIK
SF-C10BIL
SF-C10BIM
SF-C10BIN
SF-C10BIO
SF-C10BIP
SF-C10BIQ
SF-C10BIR
SF-C10BIS
SF-C10BIT
SF-C10BIU
SF-C10BIV
SF-C10BIW
SF-C10BIX
SF-C10BIY
SF-C10BIZ
SF-C10BJA
SF-C10BJB
SF-C10BJC
SF-C10BJD
SF-C10BJE
SF-C10BJF
SF-C10BJG
SF-C10BJH
SF-C10BJI
SF-C10BJJ
SF-C10BJK
SF-C10BJL
SF-C10BJM
SF-C10BJN
SF-C10BJO
SF-C10BJP
SF-C10BJQ
SF-C10BJR
SF-C10BJS
SF-C10BJT
SF-C10BJU
SF-C10BJV
SF-C10BJW
SF-C10BJX
SF-C10BJY
SF-C10BJZ
SF-C10BKA
SF-C10BKB
SF-C10BKC
SF-C10BKD
SF-C10BKE
SF-C10BKF
SF-C10BKG
SF-C10BKH
SF-C10BKI
SF-C10BKJ
SF-C10BKK
SF-C10BKL
SF-C10BKM
SF-C10BKN
SF-C10BKO
SF-C10BKP
SF-C10BKQ
SF-C10BKR
SF-C10BKS
SF-C10BKT
SF-C10BKU
SF-C10BKV
SF-C10BKW
SF-C10BKX
SF-C10BKY
SF-C10BKZ
SF-C10BLA
SF-C10BLB
SF-C10BLC
SF-C10BLD
SF-C10BLE
SF-C10BLF
SF-C10BLG
SF-C10BLH
SF-C10BLI
SF-C10BLJ
SF-C10BLK
SF-C10BLL
SF-C10BLM
SF-C10BLN
SF-C10BLO
SF-C10BLP
SF-C10BLQ
SF-C10BLR
SF-C10BLS
SF-C10BLT
SF-C10BLU
SF-C10BLV
SF-C10BLW
SF-C10BLX
SF-C10BLY
SF-C10BLZ
SF-C10BMA
SF-C10BMB
SF-C10BMC
SF-C10BMD
SF-C10BME
SF-C10BMF
SF-C10BMG
SF-C10BMH
SF-C10BMI
SF-C10BMJ
SF-C10BMK
SF-C10BML
SF-C10BMM
SF-C10BMN
SF-C10BMO
SF-C10BMP
SF-C10BMQ
SF-C10BMR
SF-C10BMS
SF-C10BMT
SF-C10BMU
SF-C10BMV
SF-C10BMW
SF-C10BMX
SF-C10BMY
SF-C10BMZ
SF-C10BNA
SF-C10BNB
SF-C10BNC
SF-C10BND
SF-C10BNE
SF-C10BNF
SF-C10BNG
SF-C10BNH
SF-C10BNI
SF-C10BNJ
SF-C10BNK
SF-C10BNL
SF-C10BNM
SF-C10BNN
SF-C10BNO
SF-C10BNP
SF-C10BNQ
SF-C10BNR
SF-C10BNS
SF-C10BNT
SF-C10BNU
SF-C10BNV
SF-C10BNW
SF-C10BNX
SF-C10BNY
SF-C10BNZ
SF-C10BOA
SF-C10BOB
SF-C10BOC
SF-C10BOD
SF-C10BOE
SF-C10BOF
SF-C10BOG
SF-C10BOH
SF-C10BOI
SF-C10BOJ
SF-C10BOK
SF-C10BOL
SF-C10BOM
SF-C10BON
SF-C10BOO
SF-C10BOP
SF-C10BOQ
SF-C10BOR
SF-C10BOS
SF-C10BOT
SF-C10BOU
SF-C10BOV
SF-C10BOW
SF-C10BOX
SF-C10BOY
SF-C10BOZ
SF-C10BPA
SF-C10BPB
SF-C10BPC
SF-C10BPD
SF-C10BPE
SF-C10BPF
SF-C10BPG
SF-C10BPH
SF-C10BPI
SF-C10BPJ
SF-C10BPK
SF-C10BPL
SF-C10BPM
SF-C10BPN
SF-C10BPO
SF-C10BPP
SF-C10BPQ
SF-C10BPR
SF-C10BPS
SF-C10BPT
SF-C10BPU
SF-C10BPV
SF-C10BPW
SF-C10BPX
SF-C10BPY
SF-C10BPZ
SF-C10BQA
SF-C10BQB
SF-C10BQC
SF-C10BQD
SF-C10BQE
SF-C10BQF
SF-C10BQG
SF-C10BQH
SF-C10BQI
SF-C10BQJ
SF-C10BQK
SF-C10BQL
SF-C10B



G1 LEVEL 1 - D
1/8" = 1'-0"



KEY PLAN - D WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

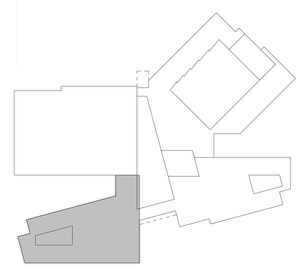
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	AG/JD
REVISIONS:	

DD SET

A101.4



G1 LEVEL 1 - E
1/8" = 1'-0"



KEY PLAN - E WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

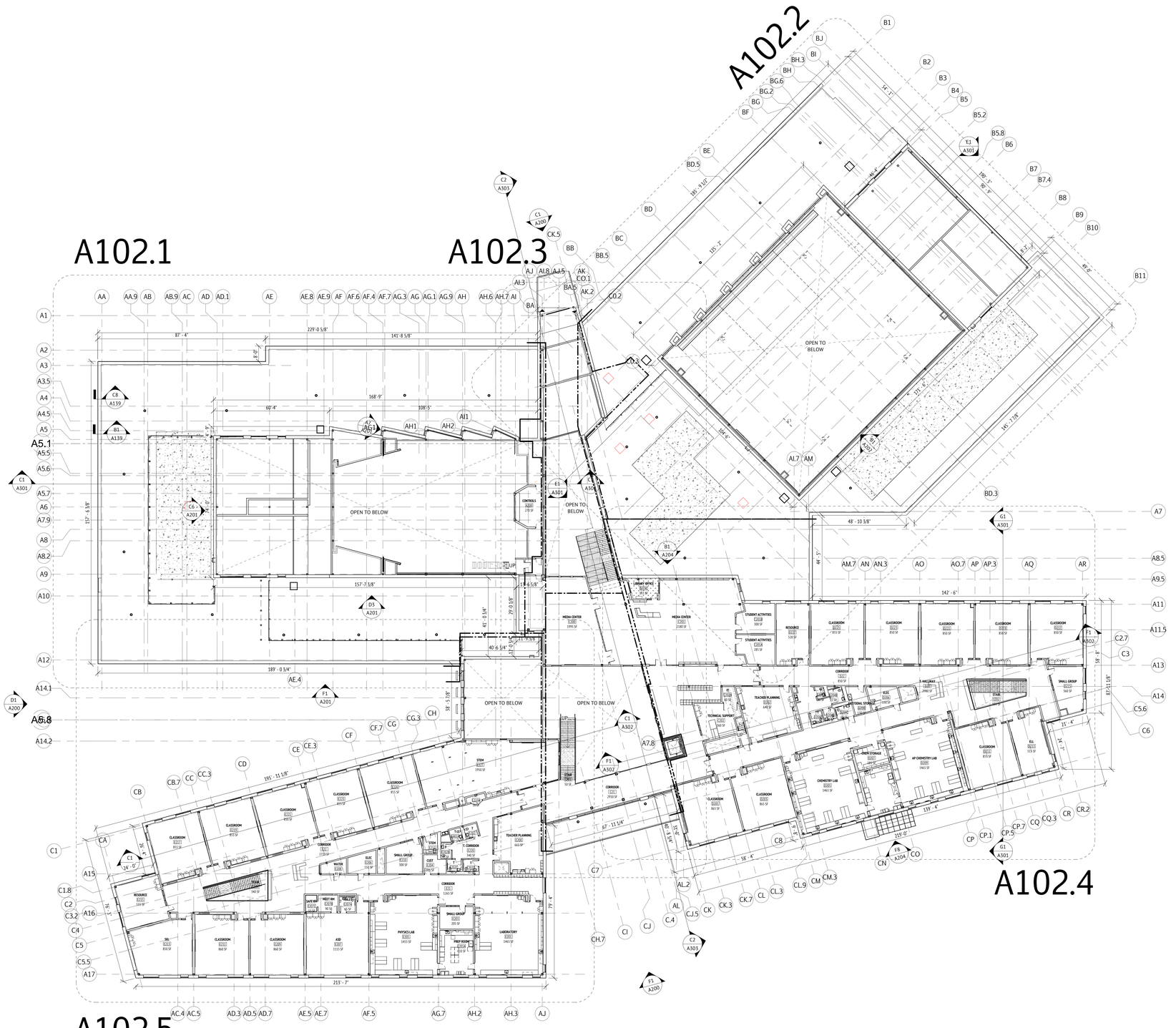
LEVEL 1 PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	AG/JD
REVISIONS:	

DD SET

A101.5



JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

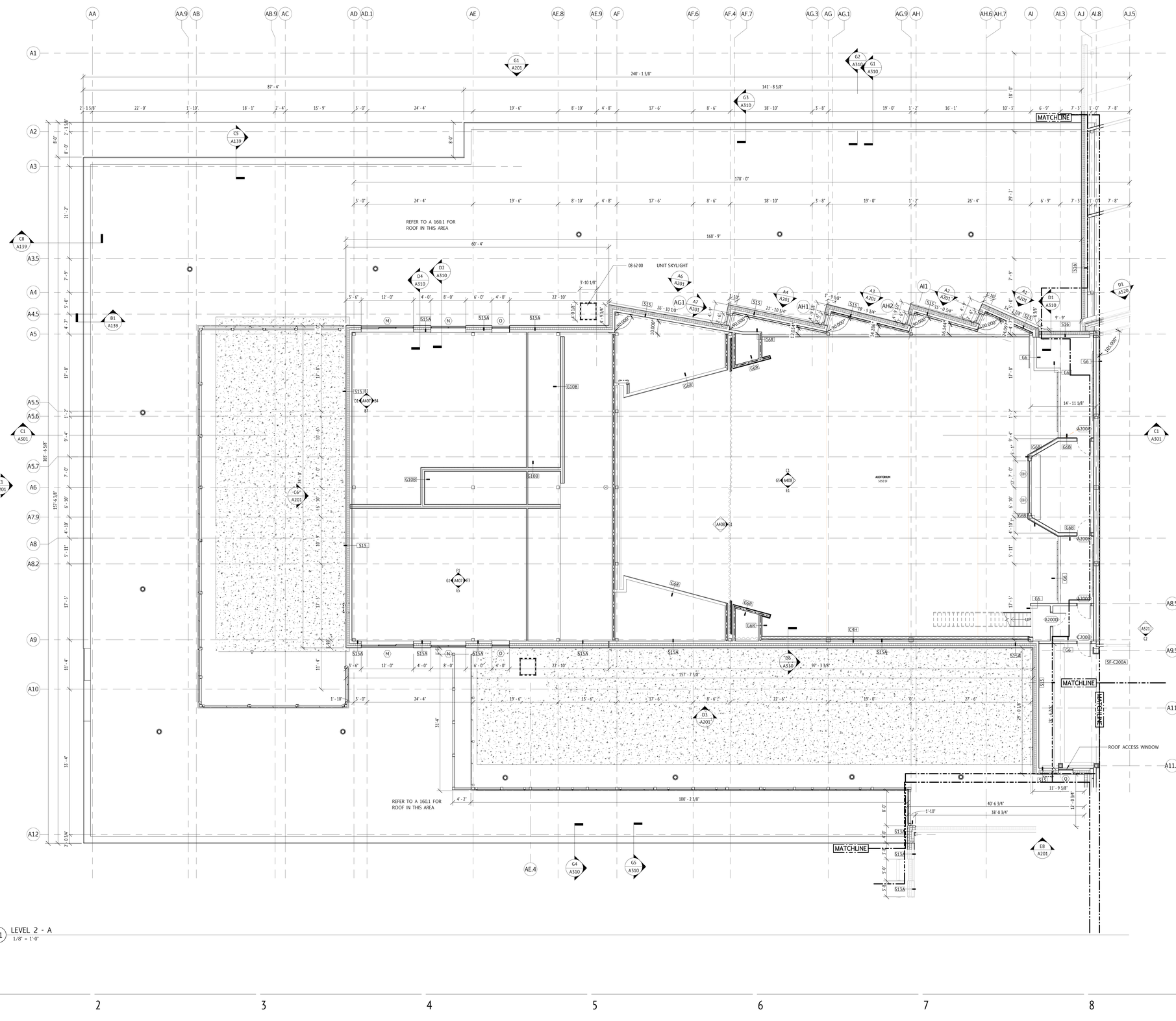
LEVEL 2 PLAN - OVERALL

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 20'-0"
DRAWN BY:	AG/JD
REVISIONS:	

DD SET

A102



G1 LEVEL 2 - A
1/8" = 1'-0"

KEY PLAN - A WING
1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

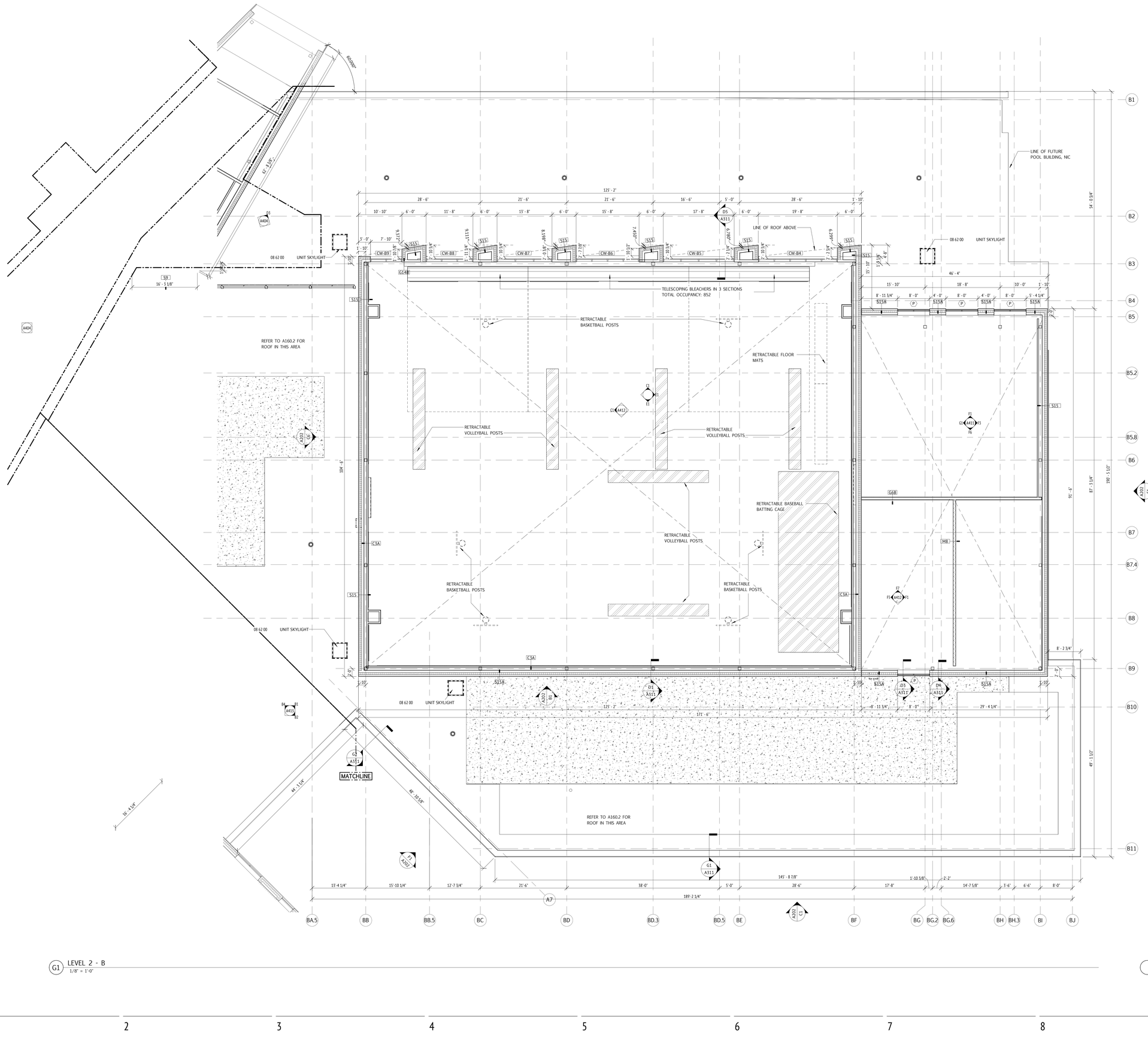
LEVEL 2 PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

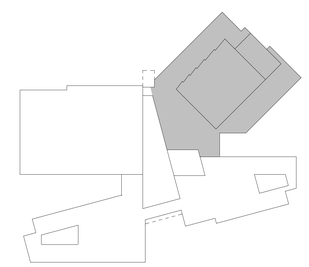
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	AG/JD
REVISIONS:	

DD SET

A102.1



G1 LEVEL 2 - B
1/8" = 1'-0"



KEY PLAN - B WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

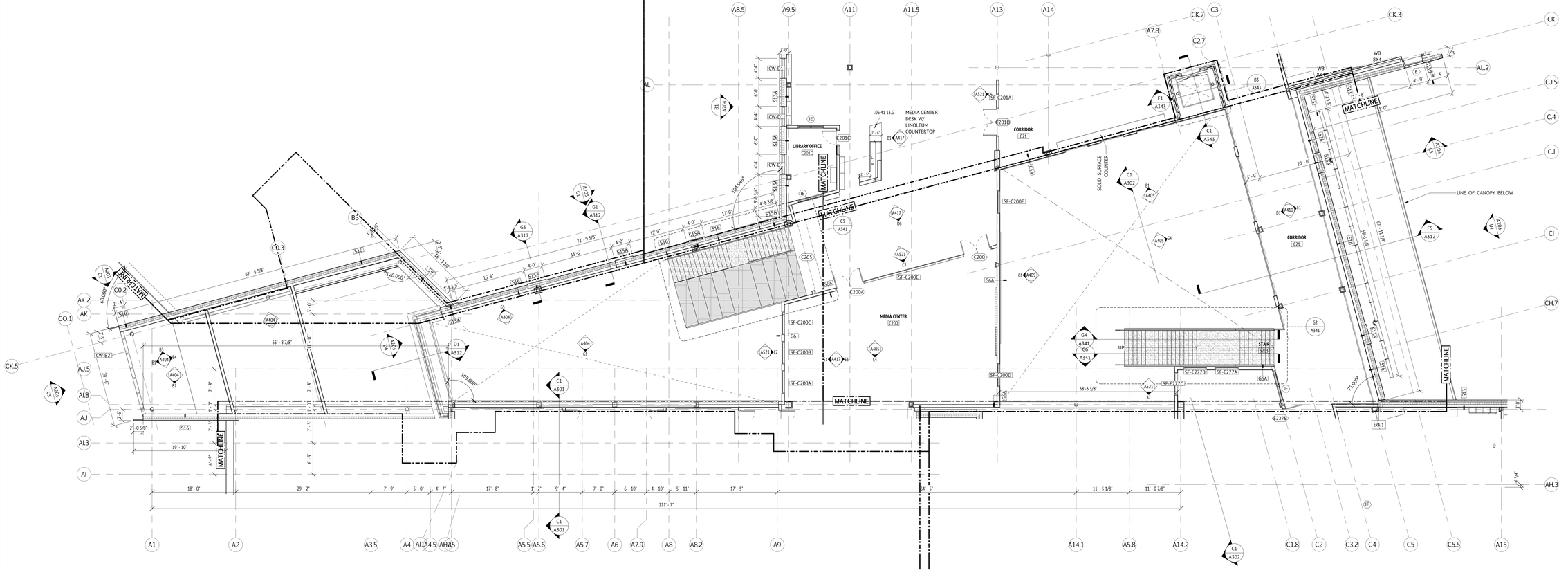
LEVEL 2 PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

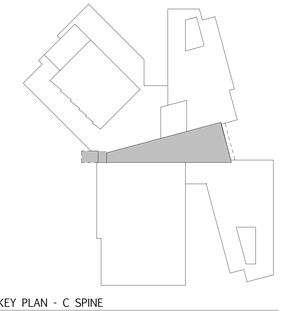
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	AG/JD
REVISIONS:	

DD SET

A102.2



F1 LEVEL 2 - C
1/8" = 1'-0"



KEY PLAN - C SPINE
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

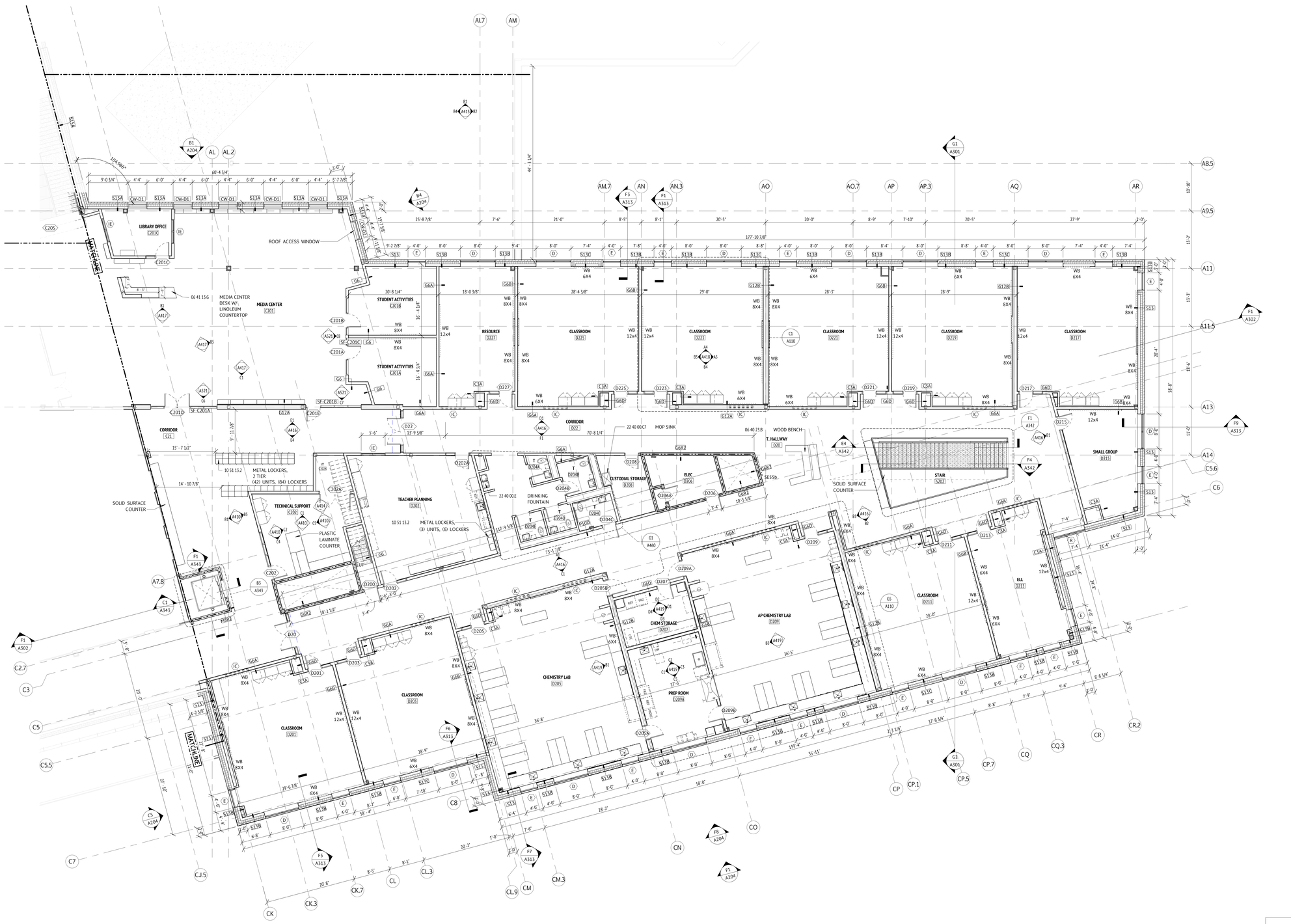
LEVEL 2 PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

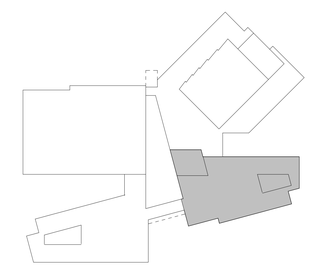
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	AG/JD
REVISIONS:	

DD SET

A102.3



G1 LEVEL 2 - D
1/8" = 1'-0"



KEY PLAN - D WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS

308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com

SMMA

CONSULTANTS:

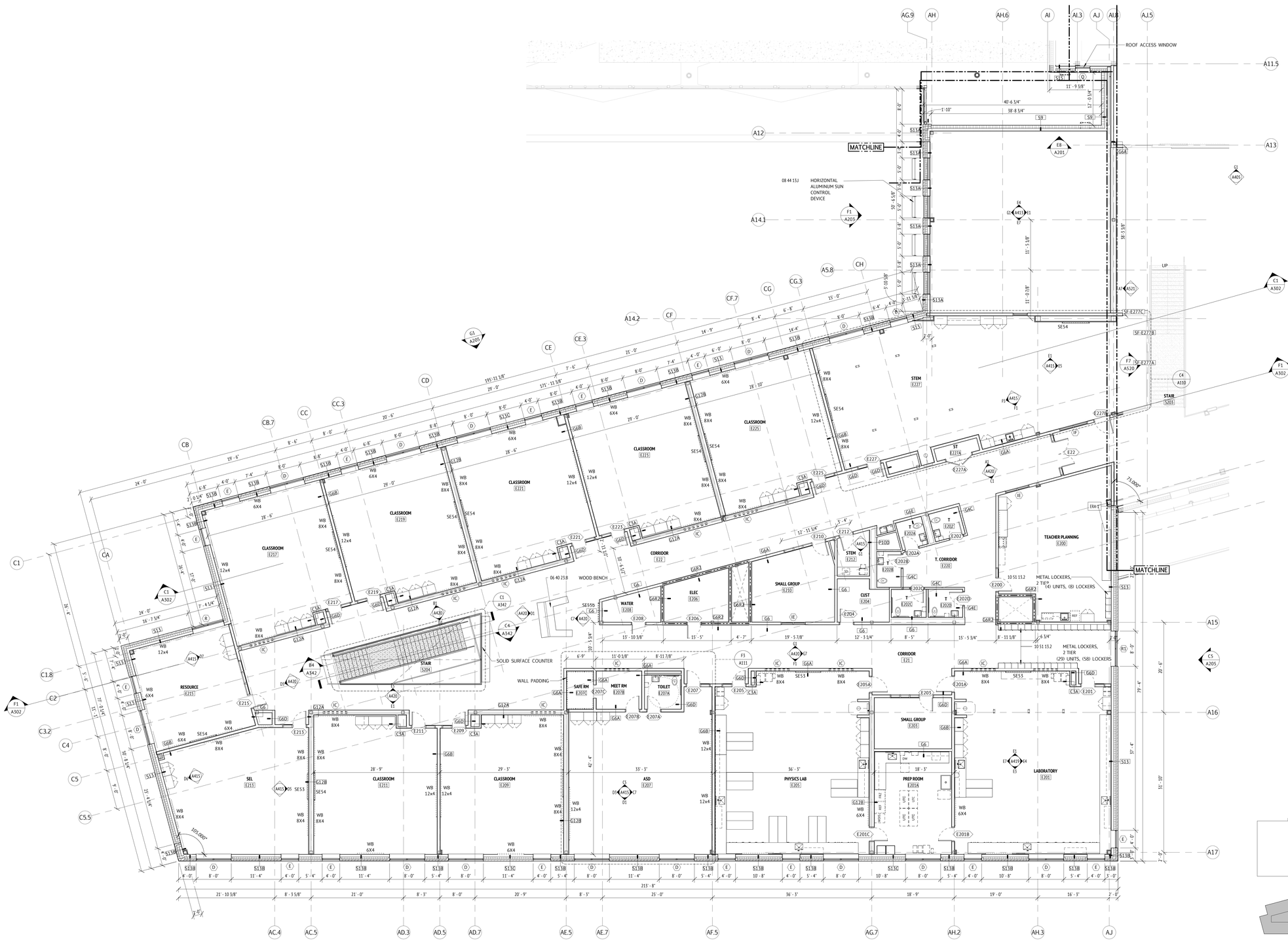
LEVEL 2 PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A102.4



G1 LEVEL 2 - E
1/8" = 1'-0"

KEY PLAN - E WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

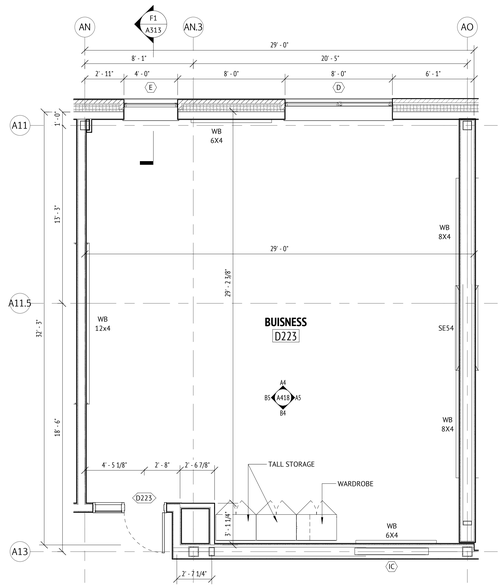
LEVEL 2 PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

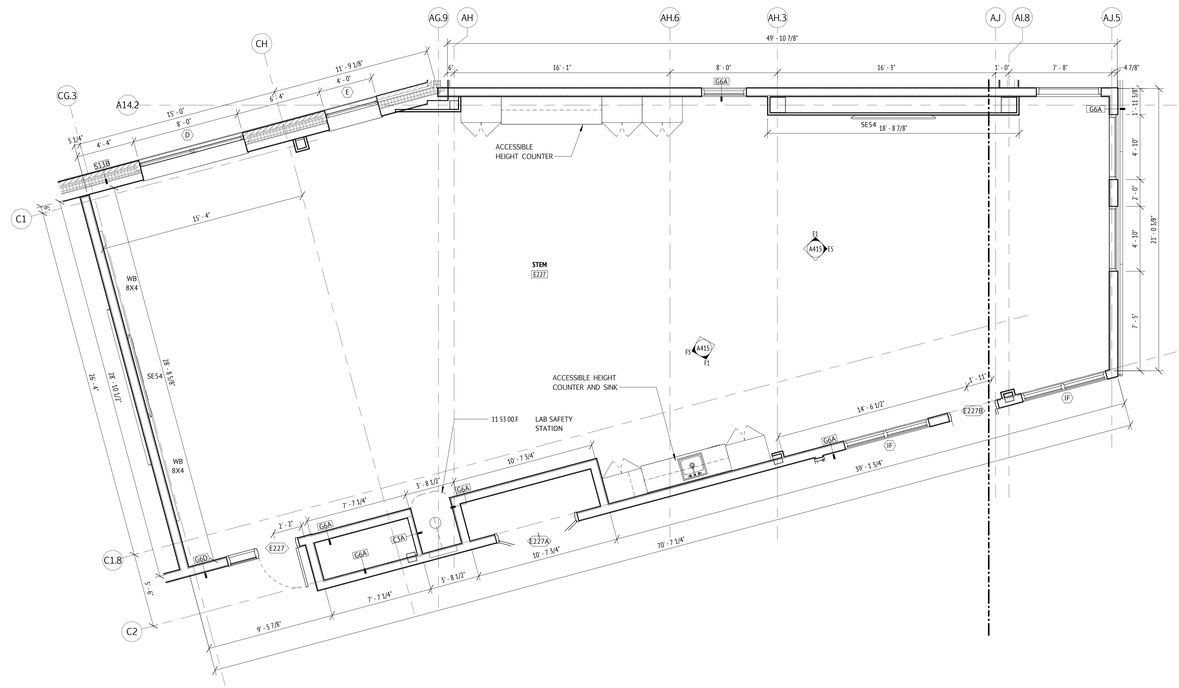
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

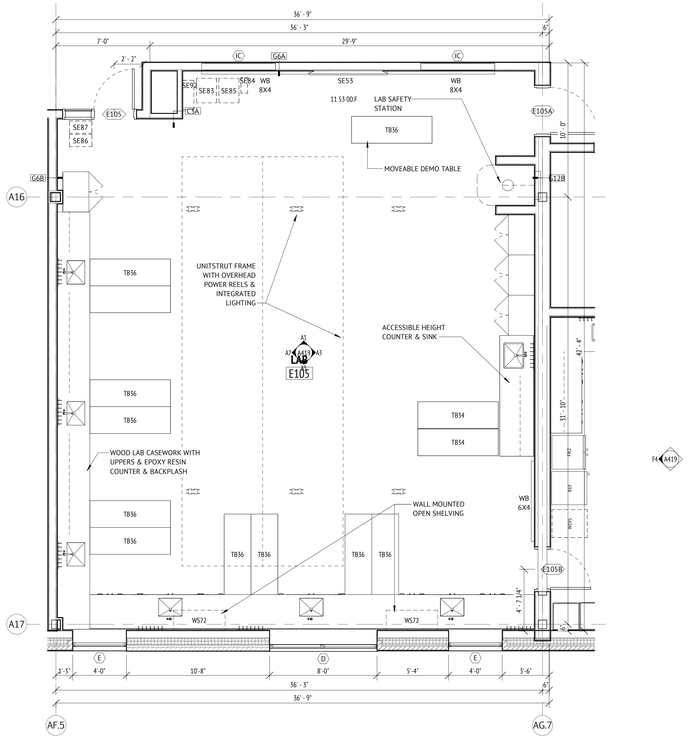
A102.5



C1 CLASSROOM TYP.
1/4" = 1'-0"

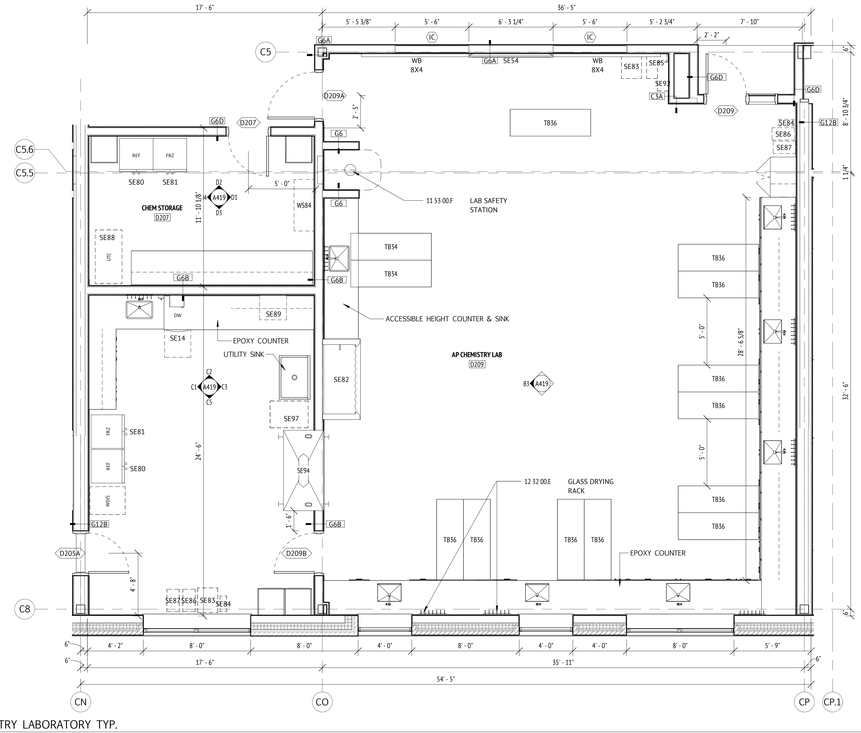


C4 E227 STEM - ENLARGED PLAN
1/4" = 1'-0"



G1 TYPICAL LAB - ENLARGED PLAN
1/4" = 1'-0"

F4 A419



G5 CHEMISTRY LABORATORY TYP.
1/4" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

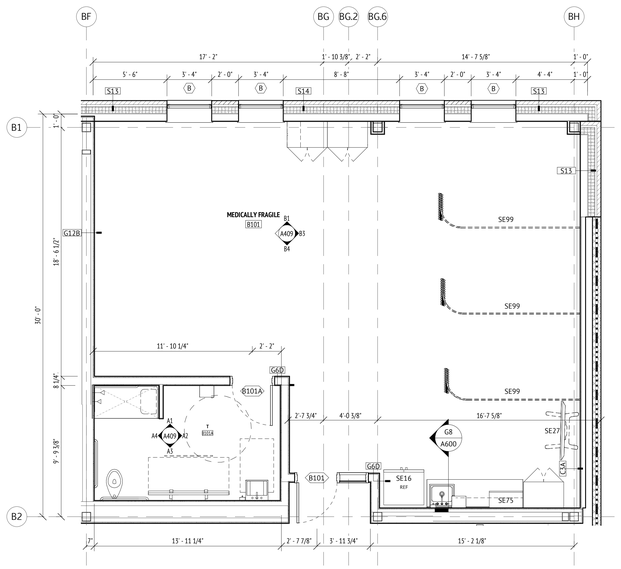
ENLARGED PLANS - TYPICAL CLASSROOMS, LABS & STEM

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

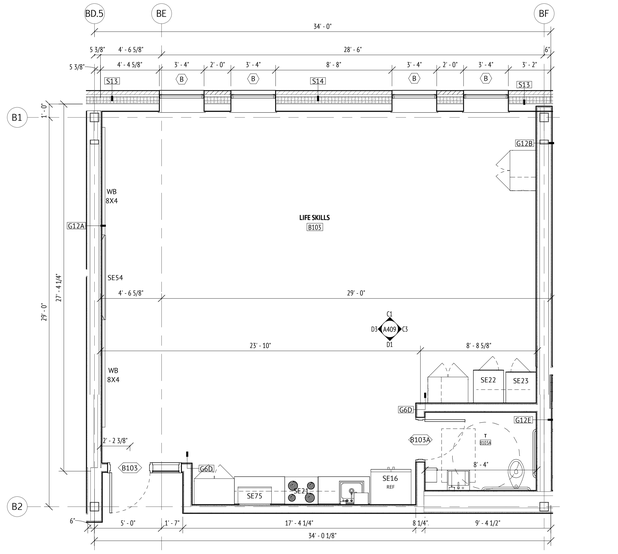
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

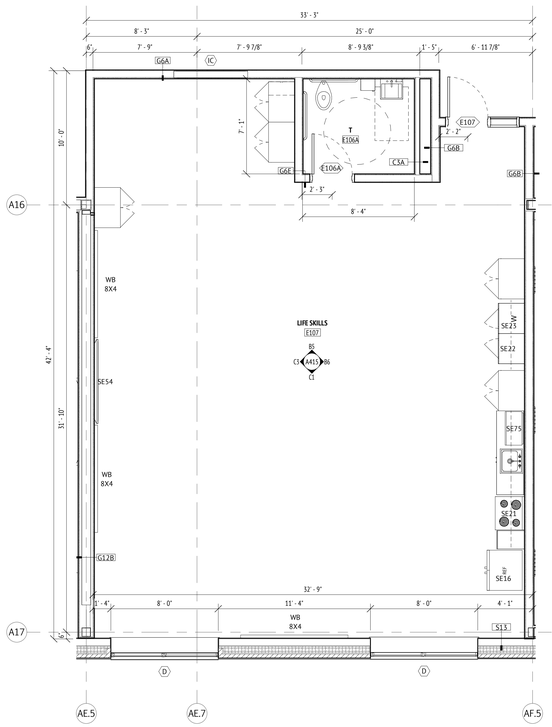
A110



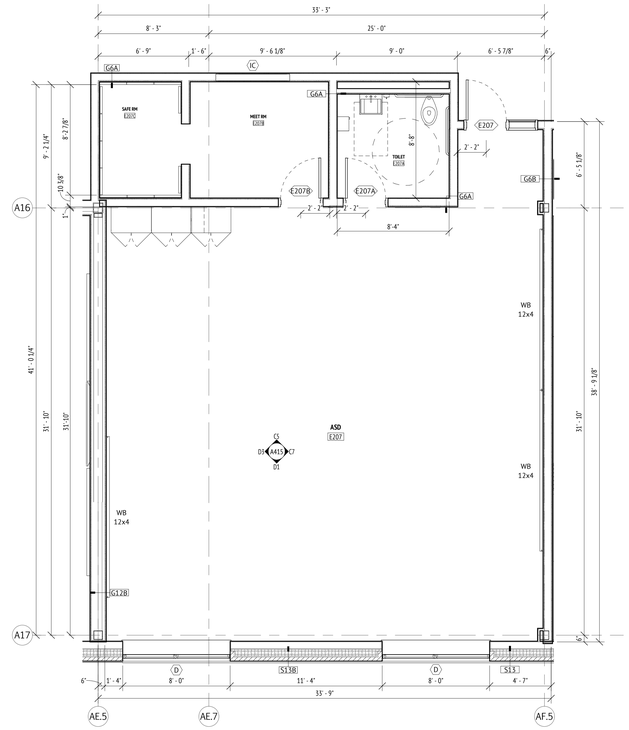
C1 B101 - MEDICALLY FRAGILE
1/4" = 1'-0"



C4 B103 LIFE SKILLS
1/4" = 1'-0"



F1 E107 LIFE SKILLS
1/4" = 1'-0"



F3 E207 ASD ENLARGED PLAN
1/4" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

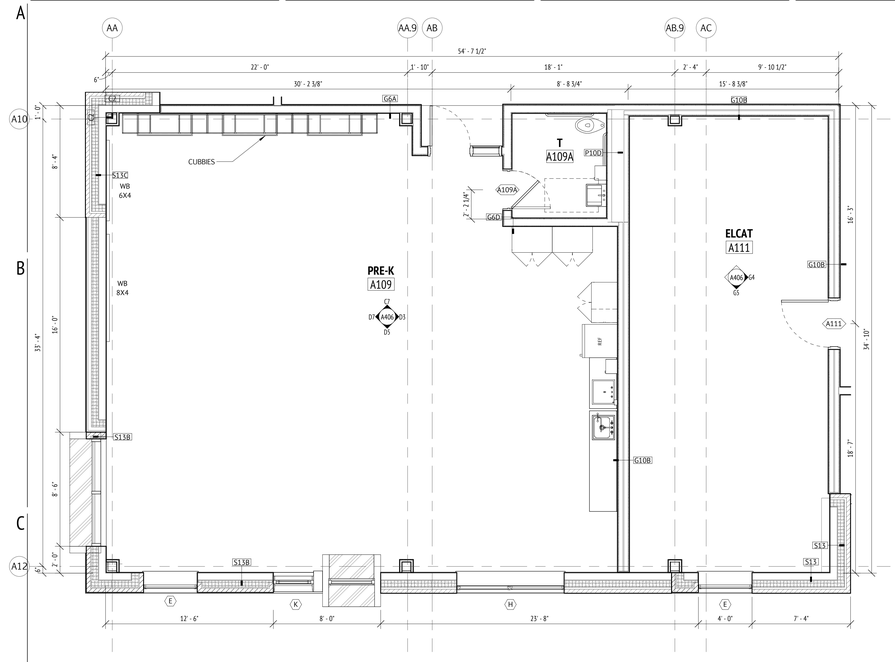
ENLARGED PLANS- SPECIAL EDUDCATION

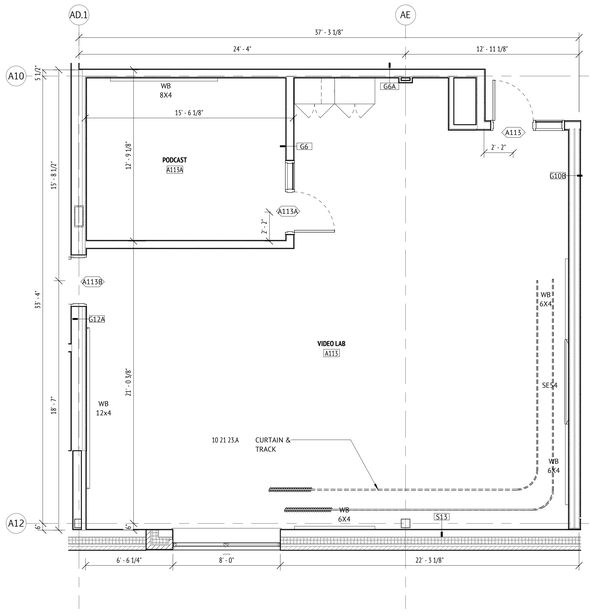
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

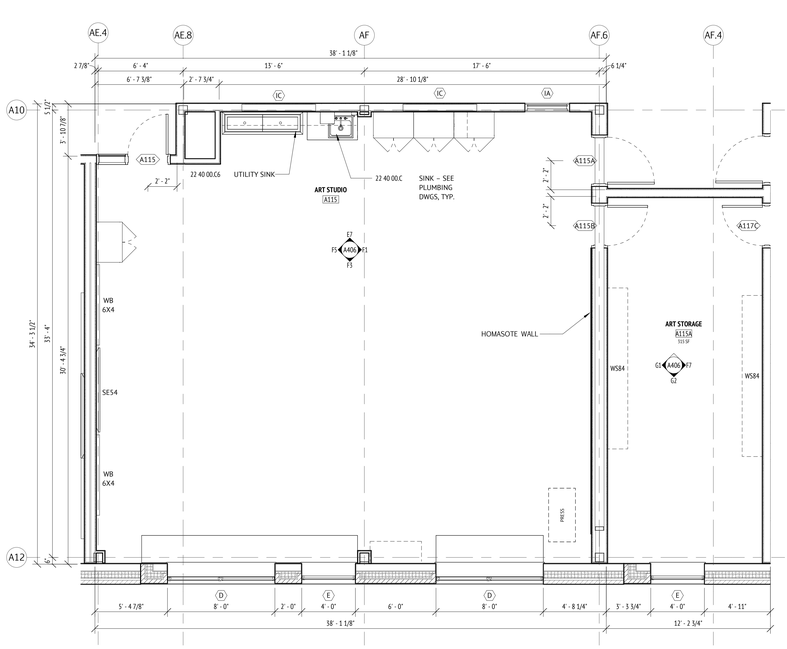
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

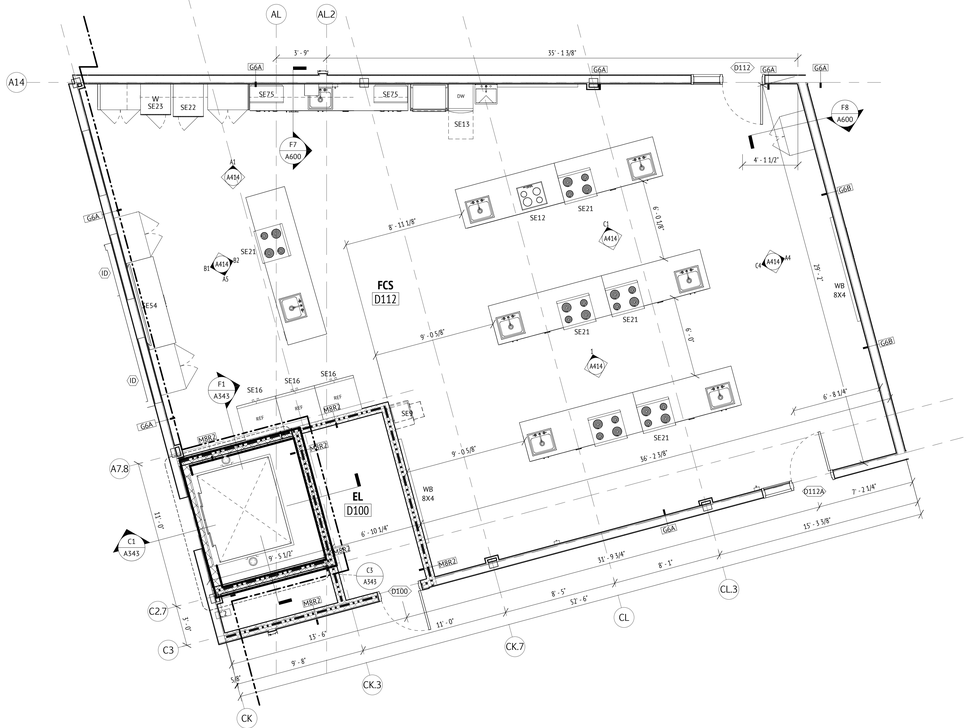
DD SET

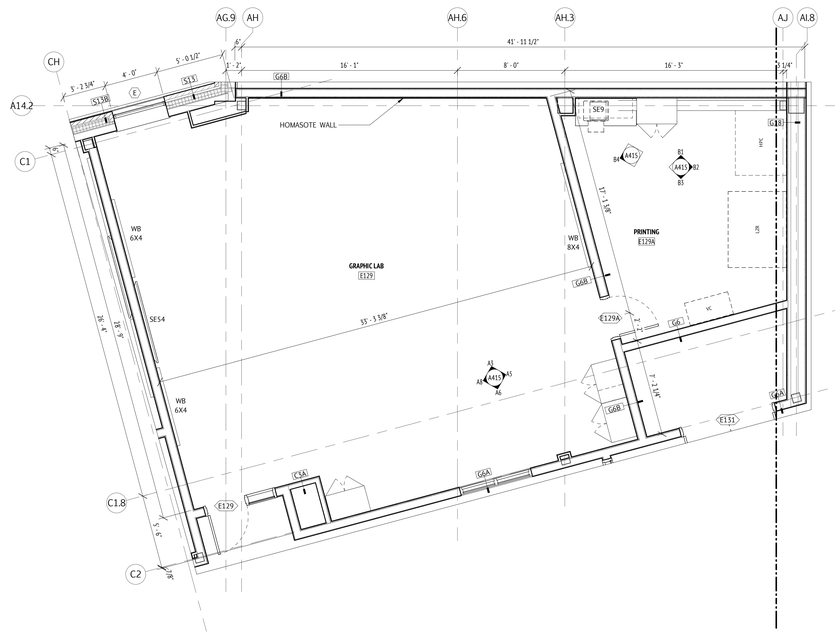
A111











JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

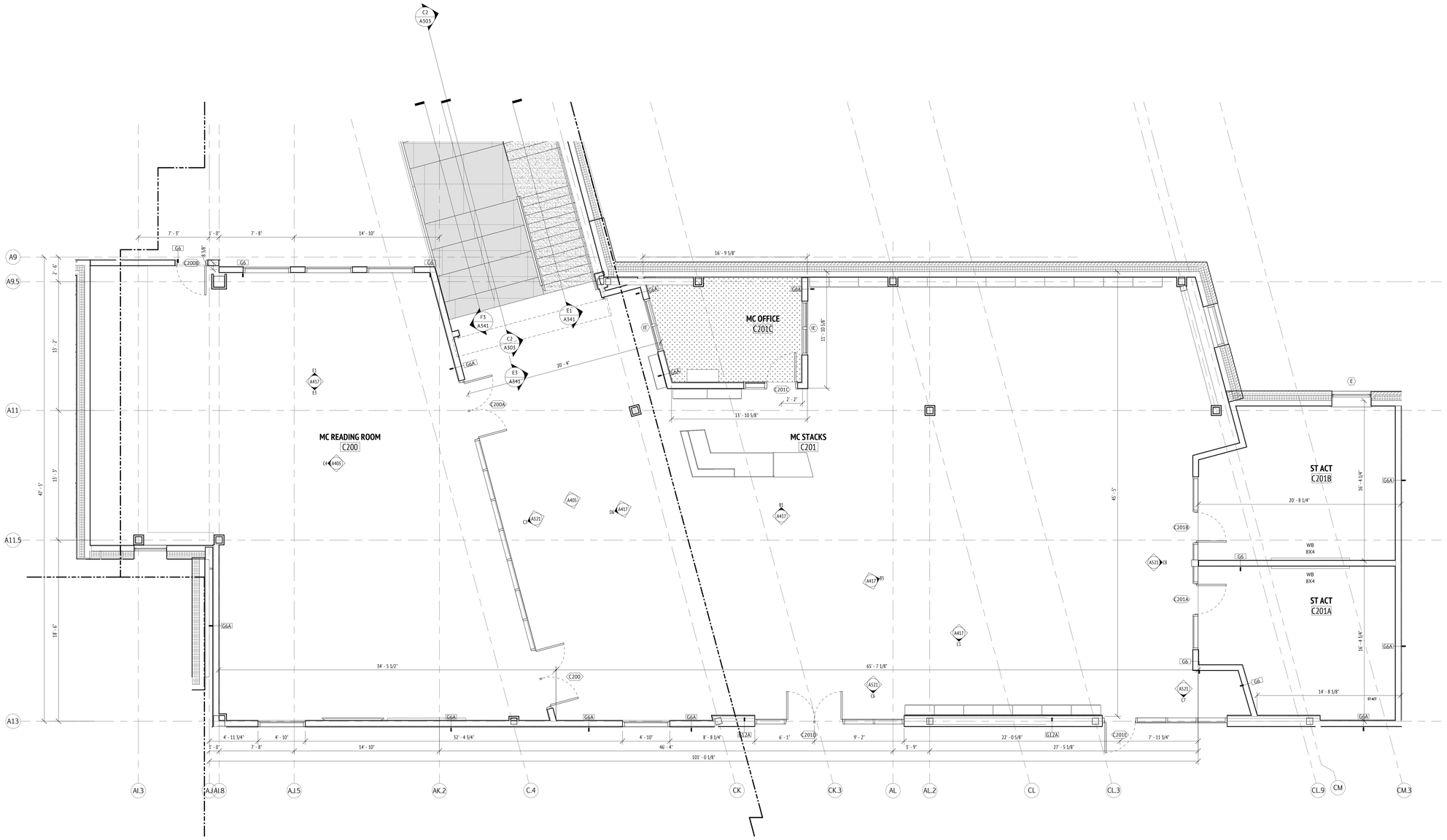
ENLARGED PLANS- ART & VOCATIONAL

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

A112



E1 ENLARGED PLAN - MEDIA CENTER
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

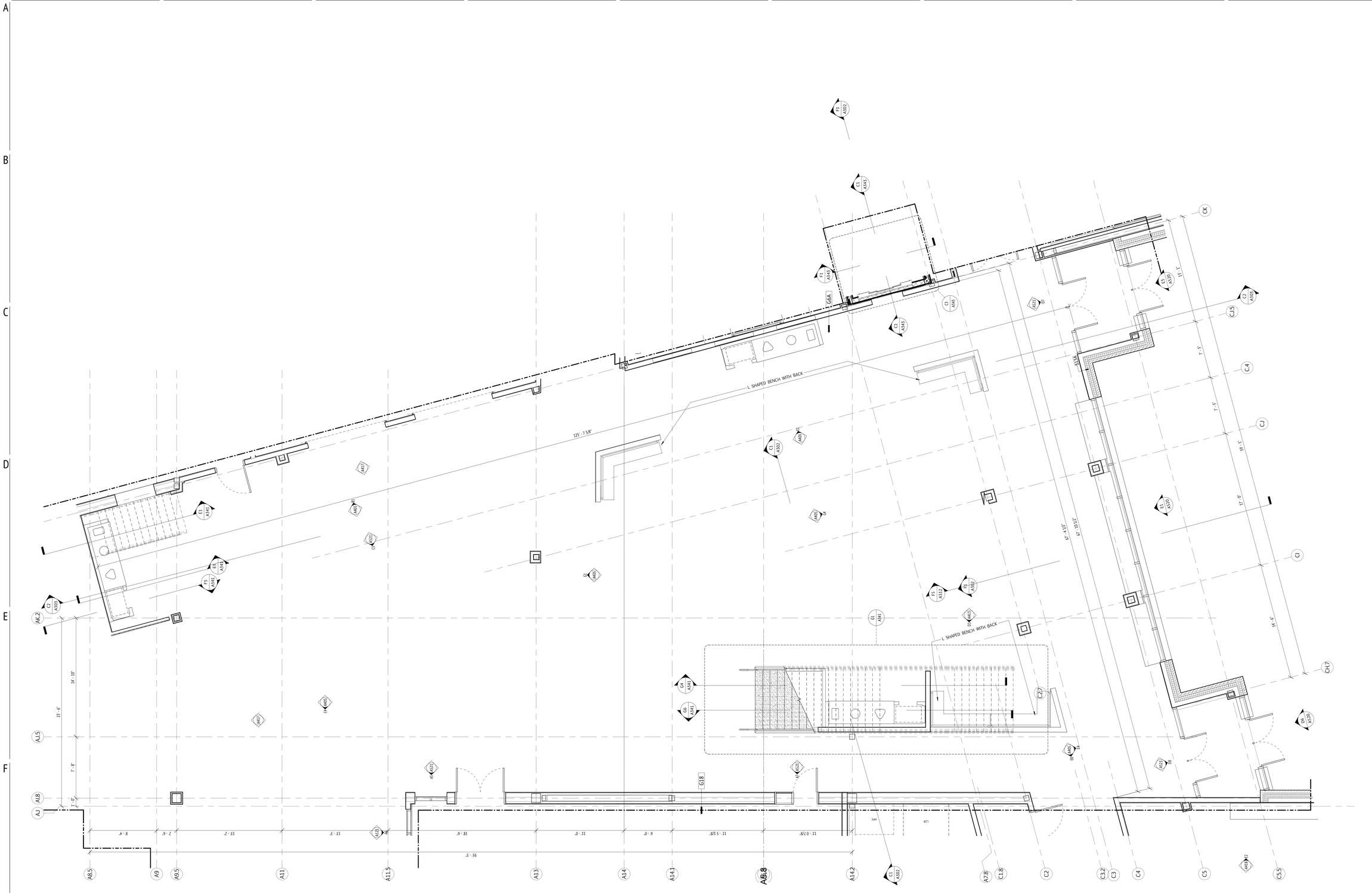
ENLARGED PLANS - MEDIA CENTER

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

A113



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

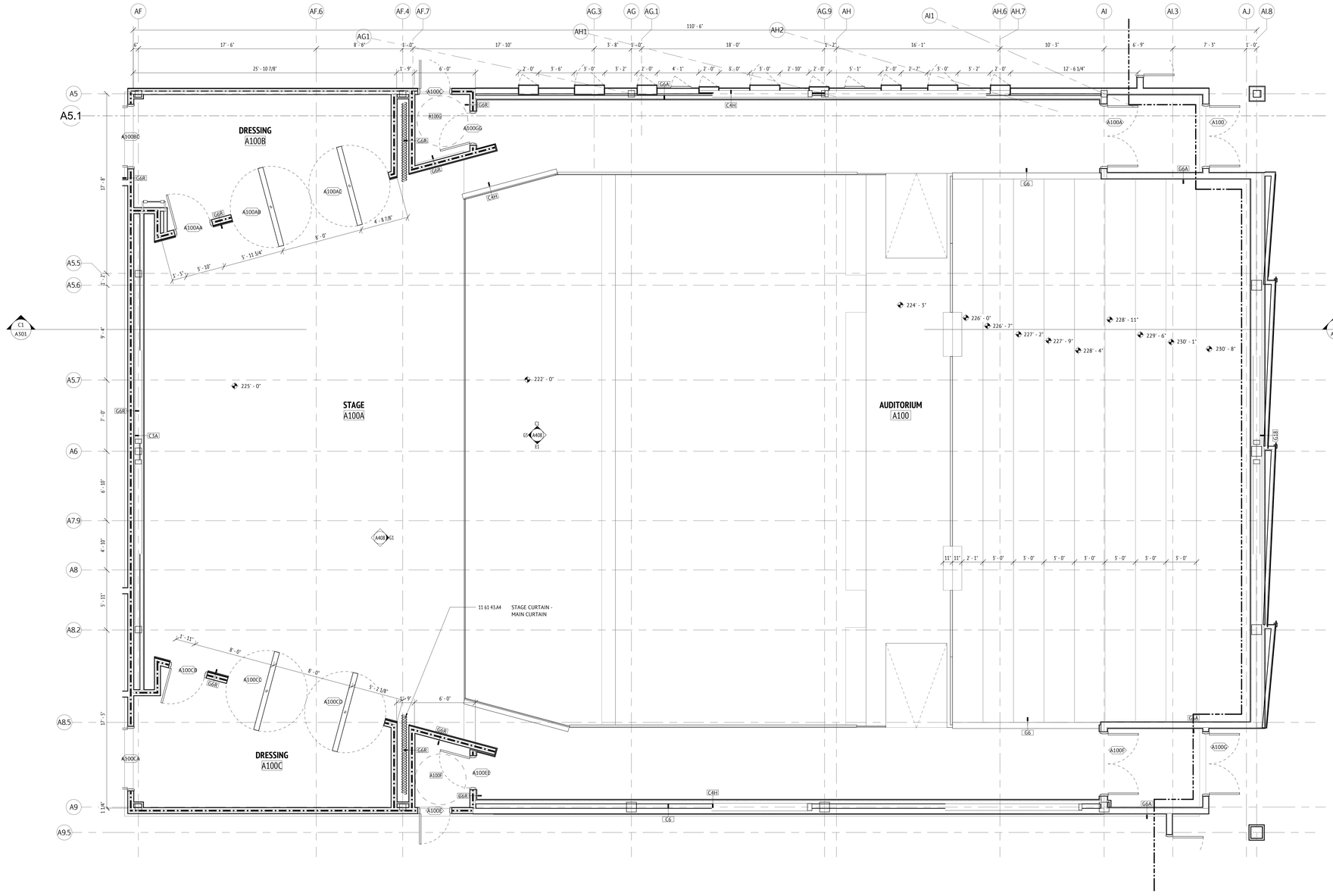
ENLARGED PLANS - CAFETERIA A & B

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

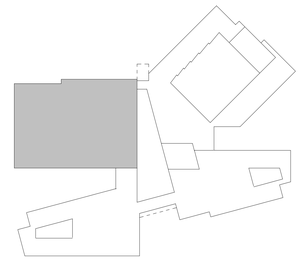
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

A114



F1 ENLARGED PLAN - AUDITORIUM
1/4" = 1'-0"



KEY PLAN - A WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

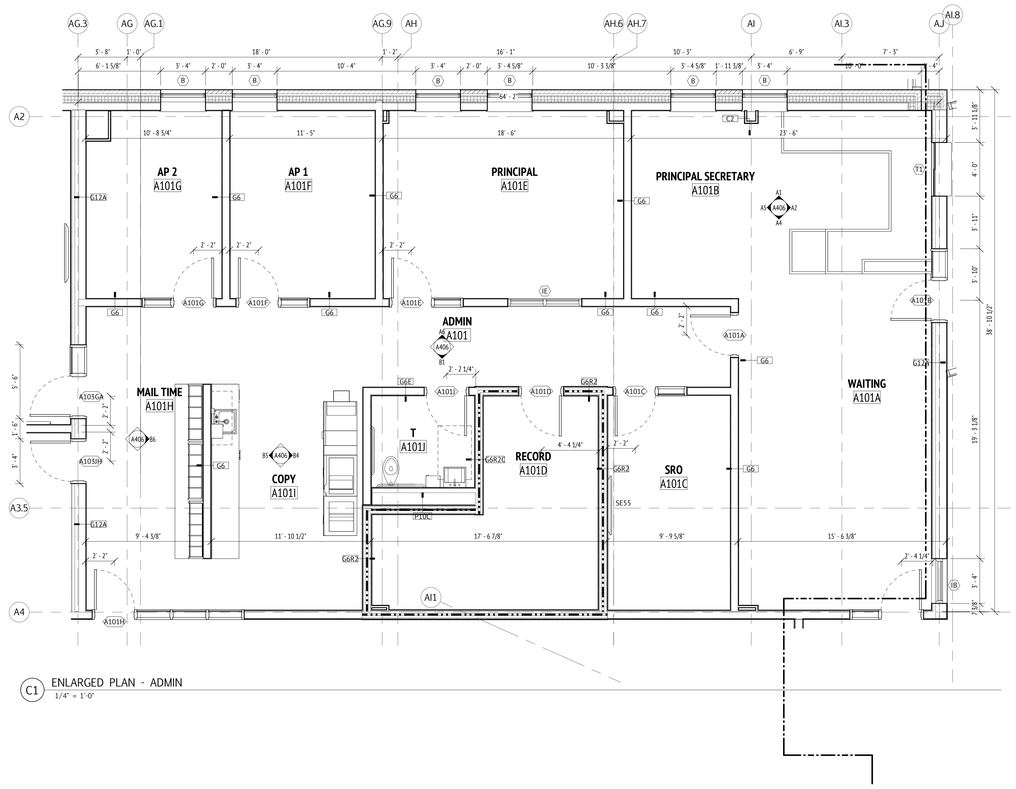
ENLARGED PLANS - AUDITORIUM

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

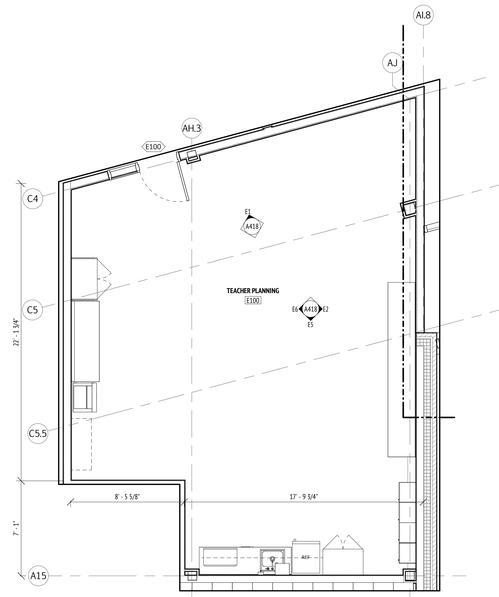
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

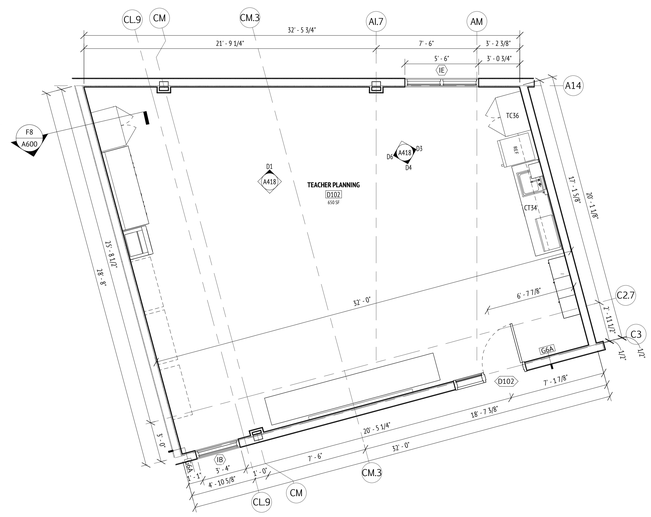
A115



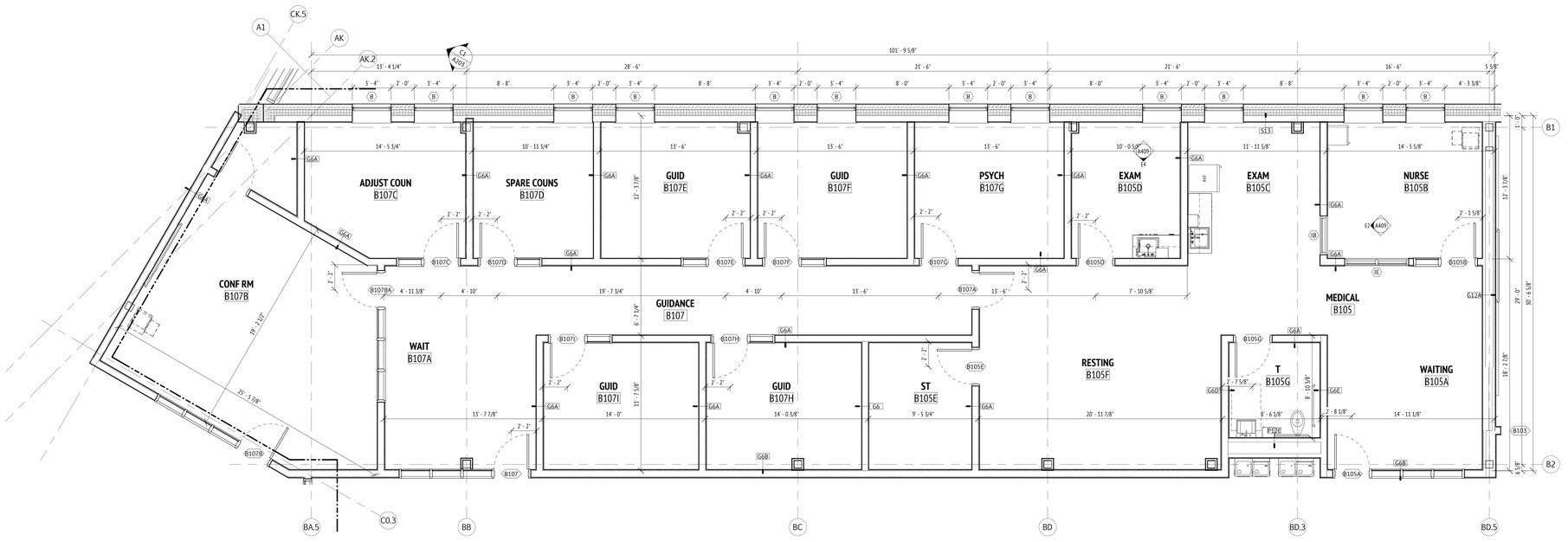
C1 ENLARGED PLAN - ADMIN
1/4" = 1'-0"



C5 E100 ENLARGED TEACHER PLANNING
1/4" = 1'-0"



C7 D119 ENLARGED TEACHER PLANNING
1/4" = 1'-0"



F1 ENLARGED PLAN - GUIDANCE
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

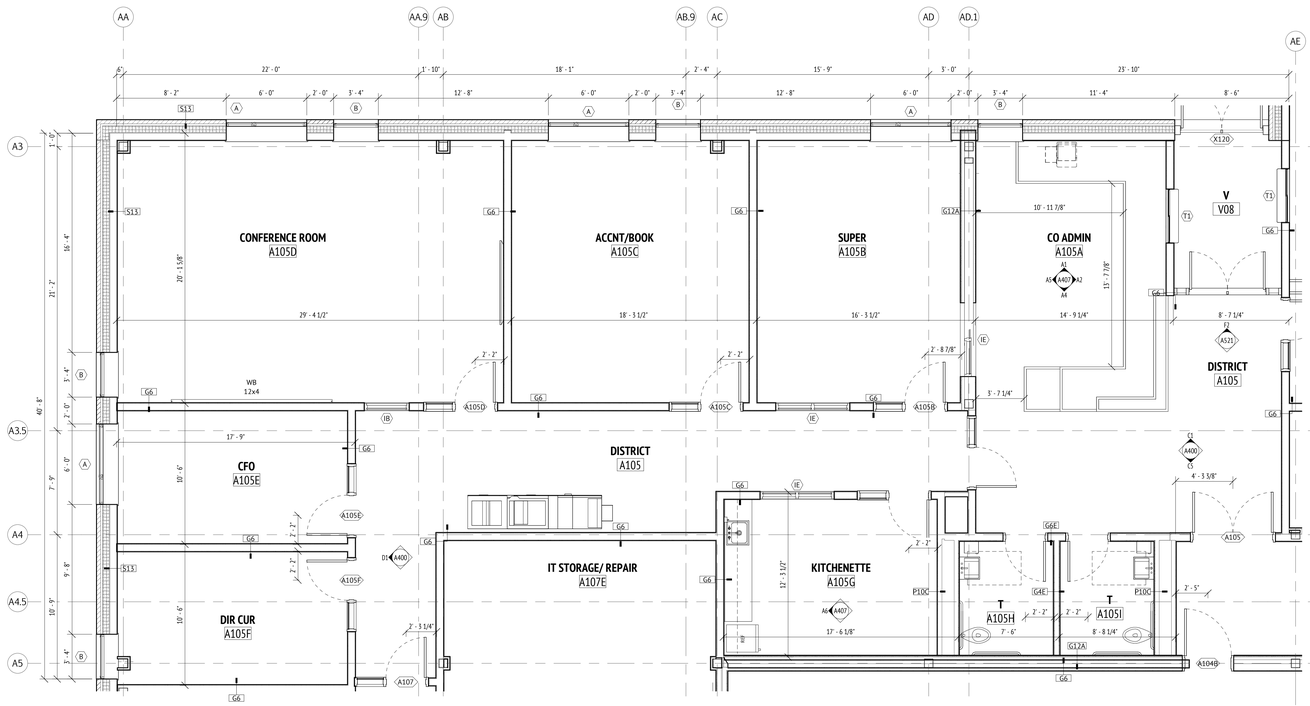
ENLARGED PLANS - ADMIN & GUIDANCE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

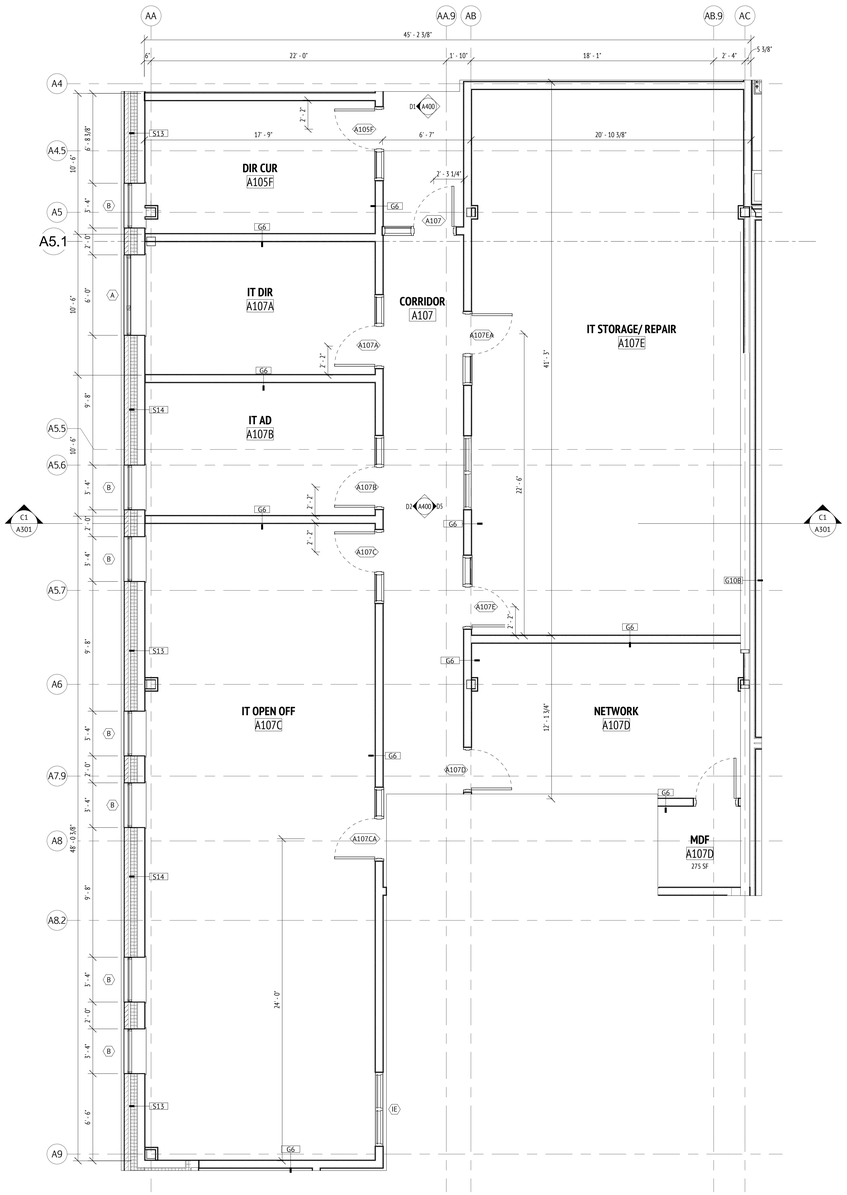
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

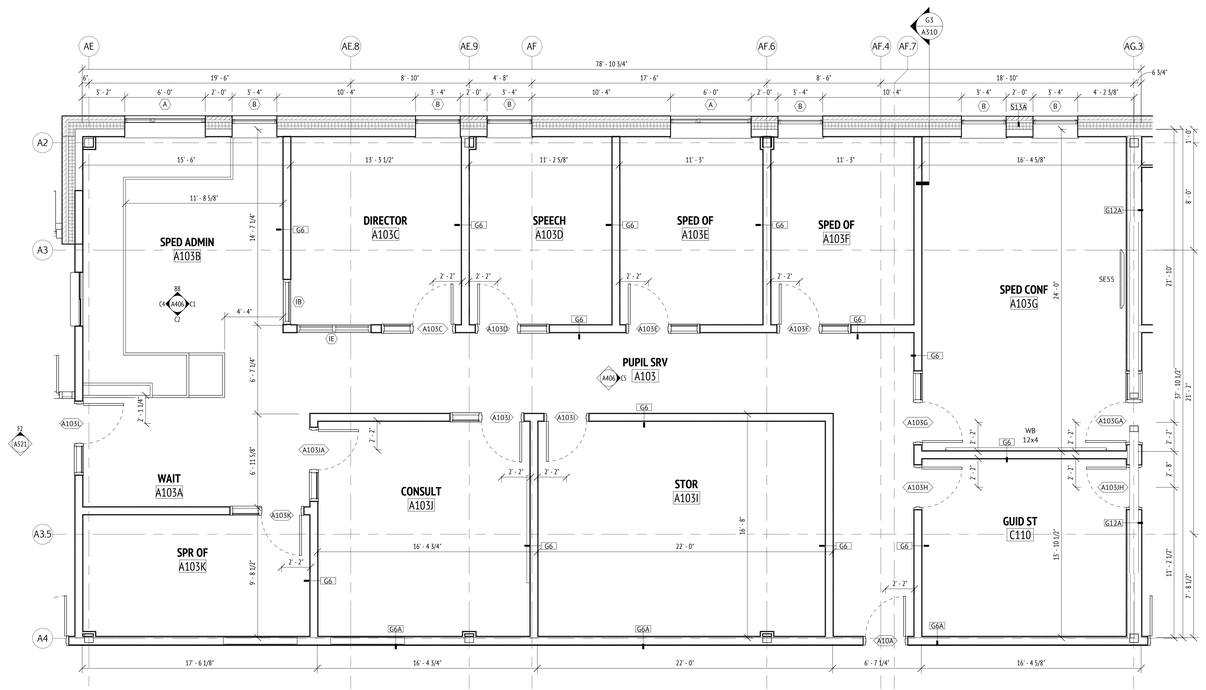
A116



D1 ENGLARGED PLAN - DISTRICT OFFICES
1/4" = 1'-0"



E7 ENLARGED PLAN - IT OFFICES
1/4" = 1'-0"



G1 ENLARGED PLAN - PUPIL SERVICES
1/4" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ENLARGED PLANS - DISTRICT OFFICES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

A117

ACT 2X2 | ACT 2X2 Washable | Acoustic Deck | Linear Wood | Gypsum | Gypsum - 1 Hour Rated | Spray Fire-Resistant Material | Uninsulated Wood-Look Metal | Insulated Wood-Look Metal | Uninsulated Composite Metal Panel | Insulated Composite Metal Panel

CEILING LEGEND
1/8" = 1'-0"

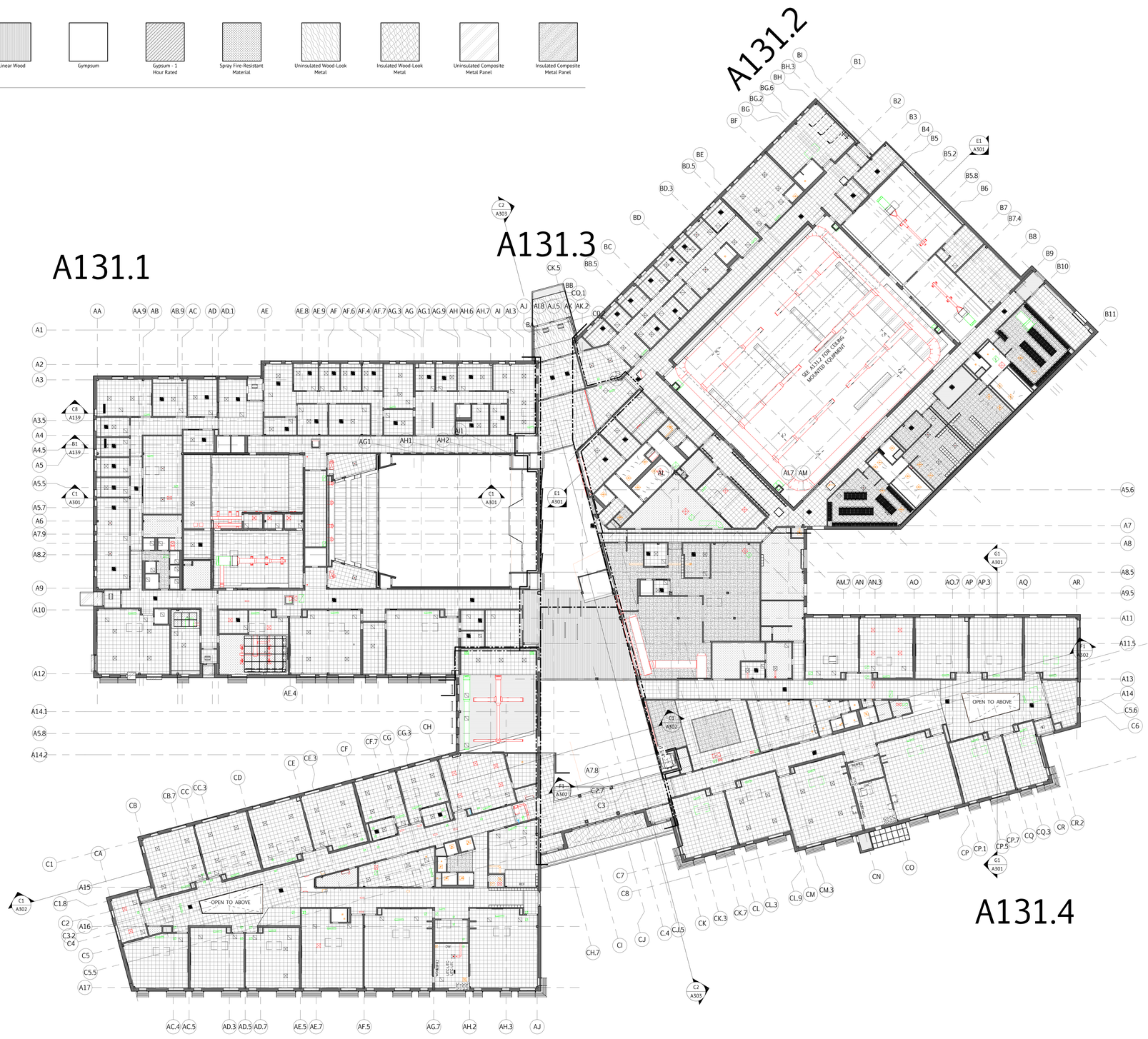
A131.1

A131.2

A131.3

A131.4

A131.5

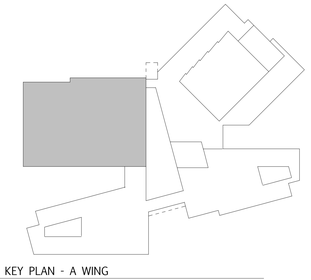

SEE A13.2 FOR CEILING MOUNTED EQUIPMENT
OPEN TO ABOVE
OPEN TO ABOVE
OPEN TO ABOVE



CEILING LEGEND
1/8" = 1'-0"



G1 LEVEL 1 RCP - A
1/8" = 1'-0"



KEY PLAN - A WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 RCP - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

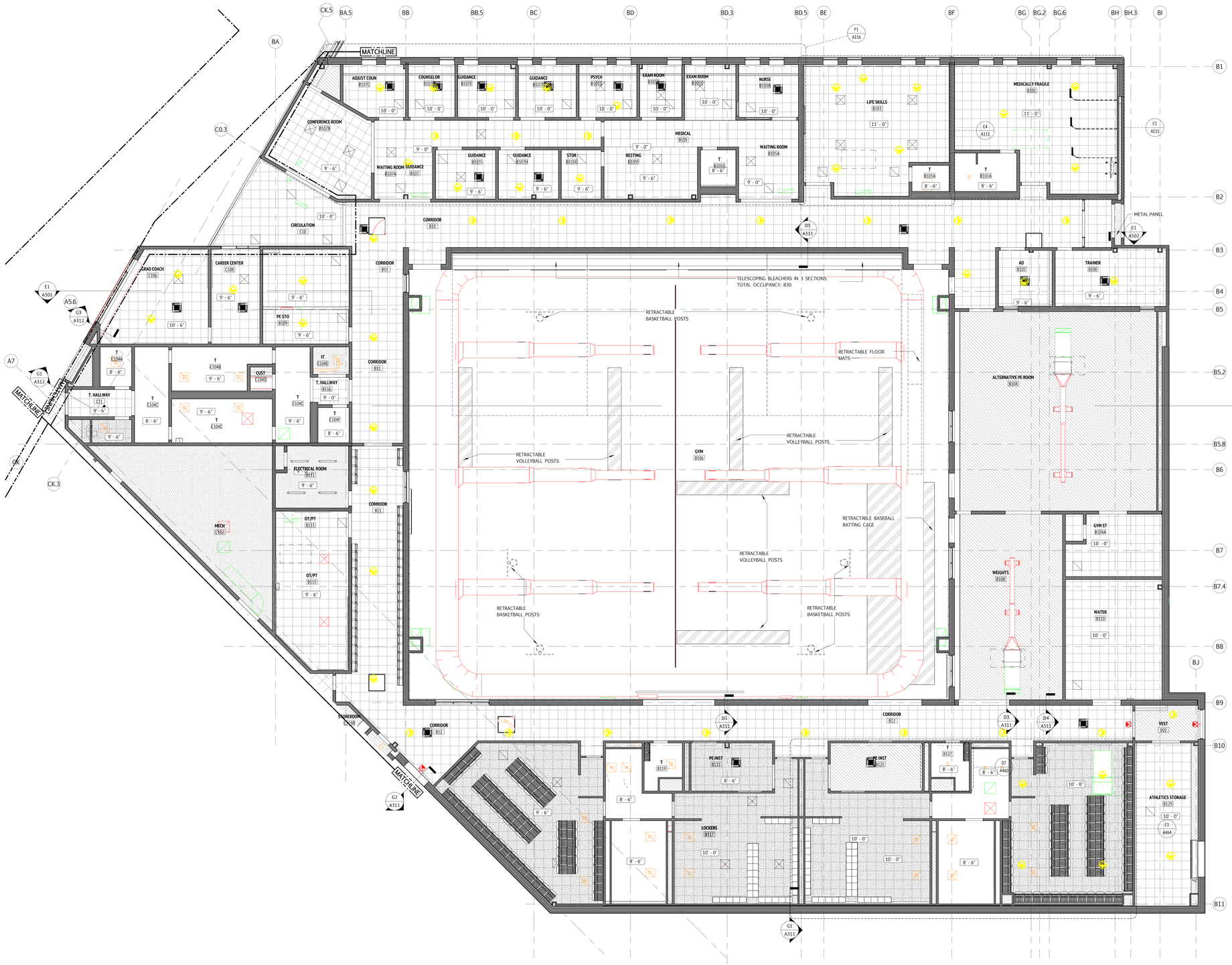
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

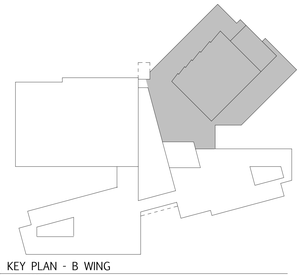
A131.1

ACT 2X2 | ACT 2X2 Washable | Acoustic Deck | Linear Wood | Gympsum | Gypsum - 1 Hour Rated | Spray Fire-Resistant Material | Uninsulated Wood-Look Metal | Insulated Wood-Look Metal | Uninsulated Composite Metal Panel | Insulated Composite Metal Panel

CEILING LEGEND
1/8" = 1'-0"



G1 LEVEL 1 RCP - B
1/8" = 1'-0"



KEY PLAN - B WING
1" = 100'-0"

PN

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

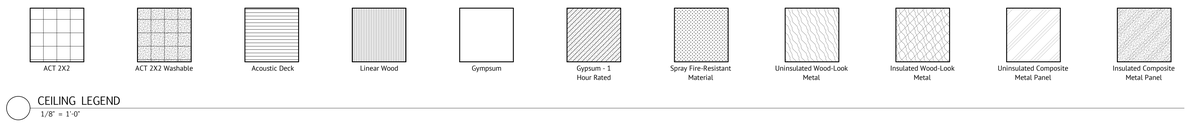
LEVEL 1 RCP - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

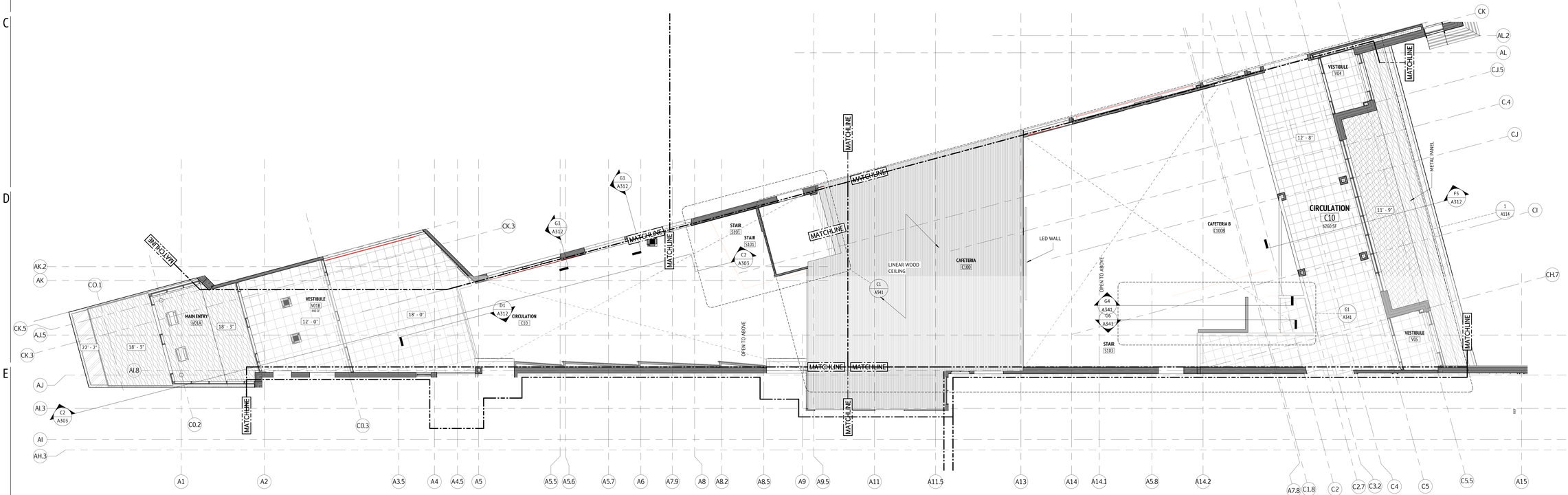
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

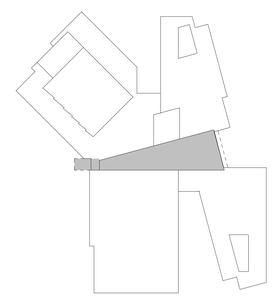
A131.2



CEILING LEGEND
1/8" = 1'-0"



F1 LEVEL 1 RCP - C NORTH
1/8" = 1'-0"



KEY PLAN - C SPINE
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 RCP - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A131.3

ACT 2X2

ACT 2X2 Washable

Acoustic Deck

Linear Wood

Gympsum

Gypsum - 1 Hour Rated

Spray Fire-Resistant Material

Uninsulated Wood-Look Metal

Insulated Wood-Look Metal

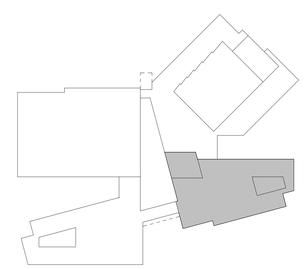
Uninsulated Composite Metal Panel

Insulated Composite Metal Panel

CEILING LEGEND
1/8" = 1'-0"



LEVEL 1 RCP - D
1/8" = 1'-0"



KEY PLAN - D WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

LEVEL 1 RCP - D WING

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A131.4

ACT 2X2

ACT 2X2 Washable

Acoustic Deck

Linear Wood

Gympsum

Gypsum - 1 Hour Rated

Spray Fire-Resistant Material

Uninsulated Wood-Look Metal

Insulated Wood-Look Metal

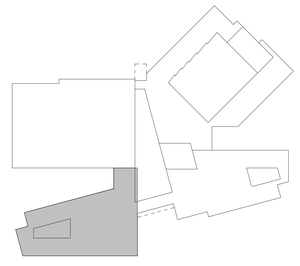
Uninsulated Composite Metal Panel

Insulated Composite Metal Panel

CEILING LEGEND
1/8" = 1'-0"



LEVEL 1 RCP - E
1/8" = 1'-0"



KEY PLAN - E WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 RCP - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A131.5

ACT 2X2

ACT 2X2 Washable

Acoustic Deck

Linear Wood

Gypsum

Gypsum - 1 Hour Rated

Spray Fire-Resistant Material

Uninsulated Wood-Look Metal

Insulated Wood-Look Metal

Uninsulated Composite Metal Panel

Insulated Composite Metal Panel

CEILING LEGEND
1/8" = 1'-0"

A132.1

A132.2

A132.3

A132.4

A132.5

G2 LEVEL 2 RCP OVERALL
1" = 20'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

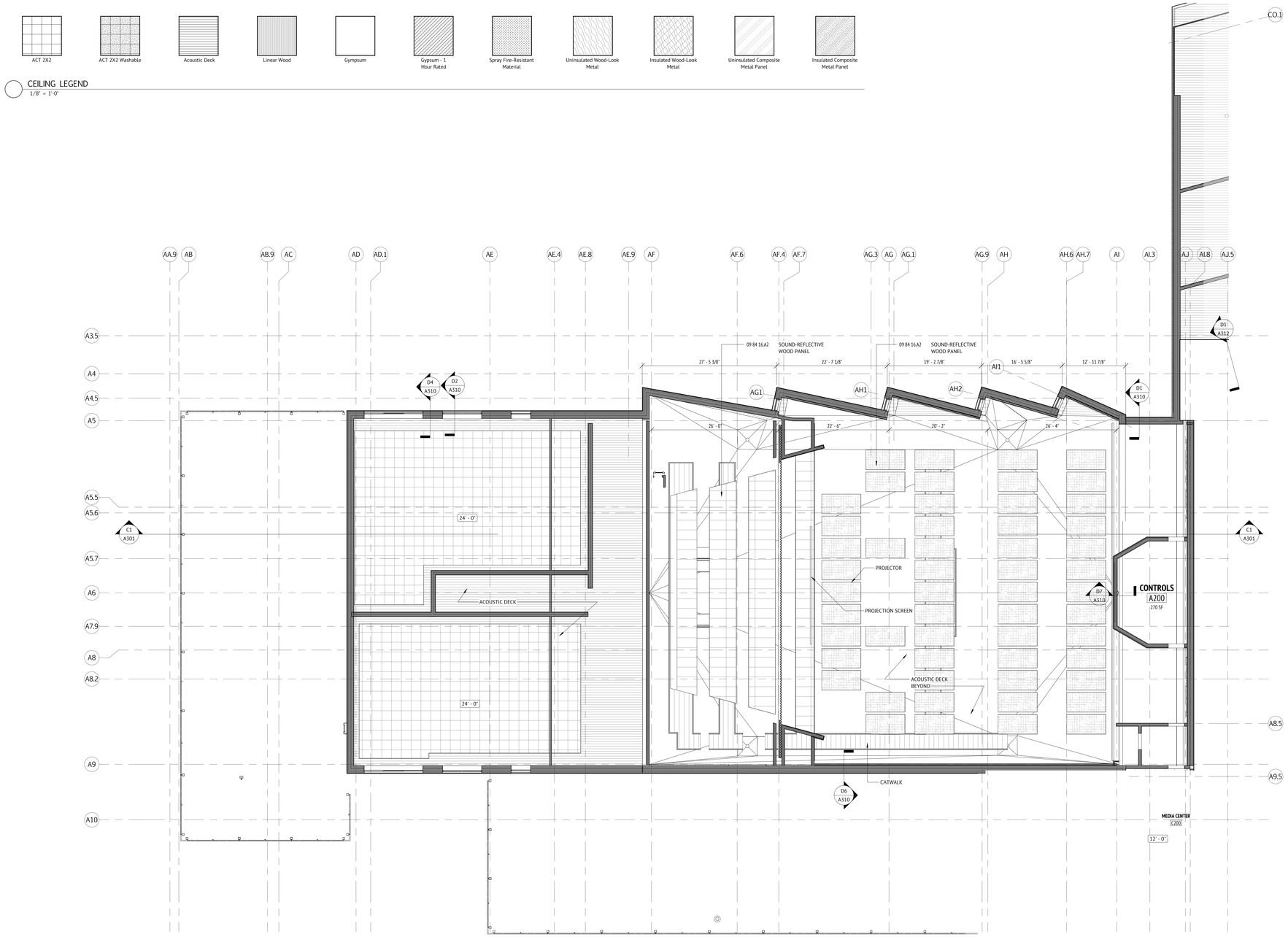
LEVEL 2 REFLECTED CEILING PLAN - OVERALL

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

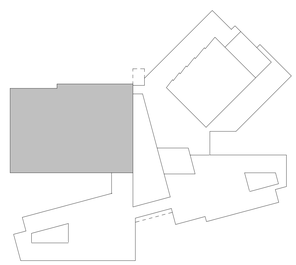
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	EW/JD
REVISIONS:	

DD SET

A132



G2 LEVEL 2 RCP - A
1/8" = 1'-0"



KEY PLAN - A WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 RCP - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

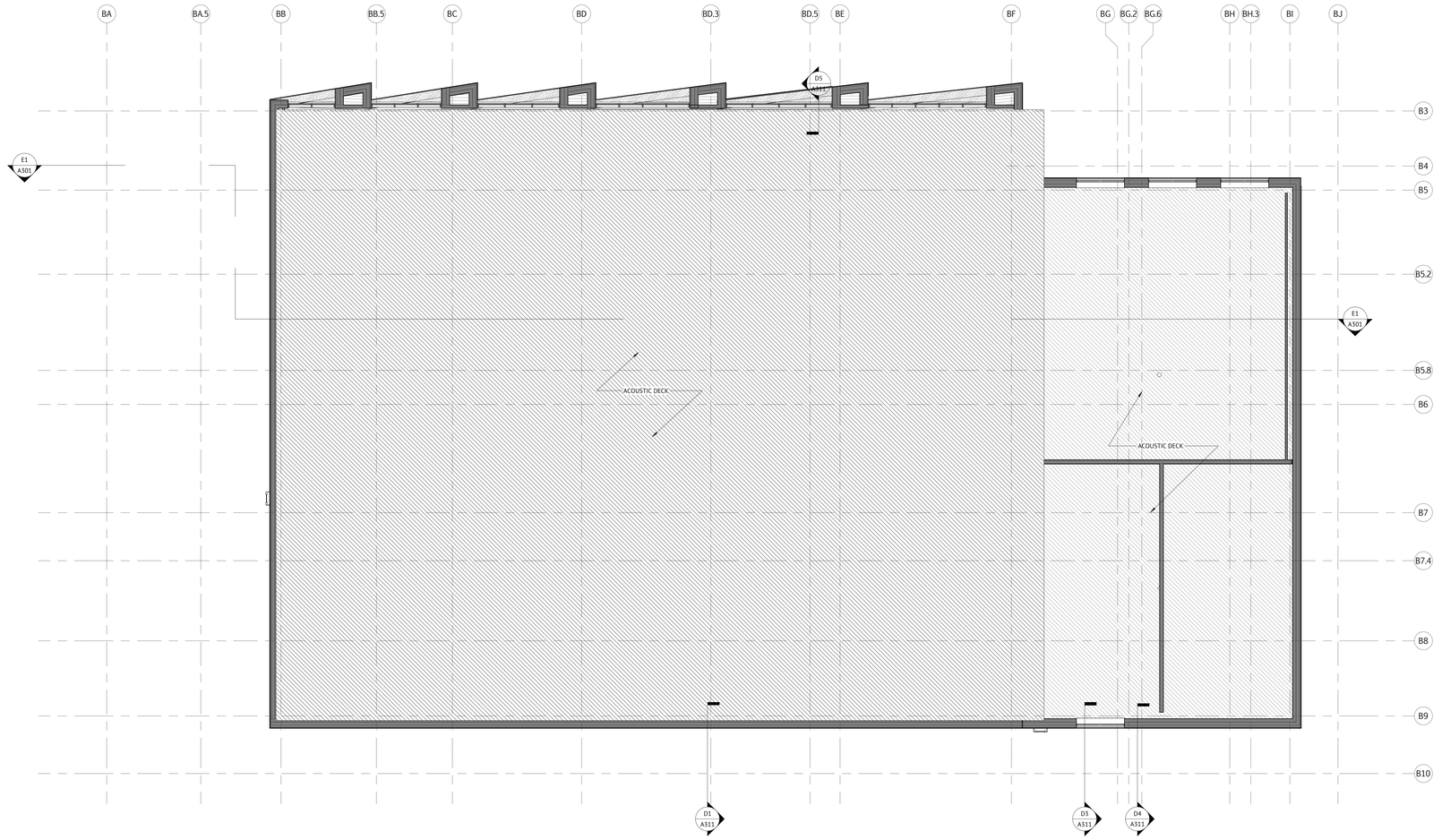
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

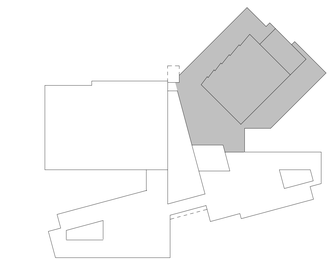
A132.1



CEILING LEGEND
1/8" = 1'-0"



F1 LEVEL 2 RCP - B
1/8" = 1'-0"



KEY PLAN - B WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 RCP - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

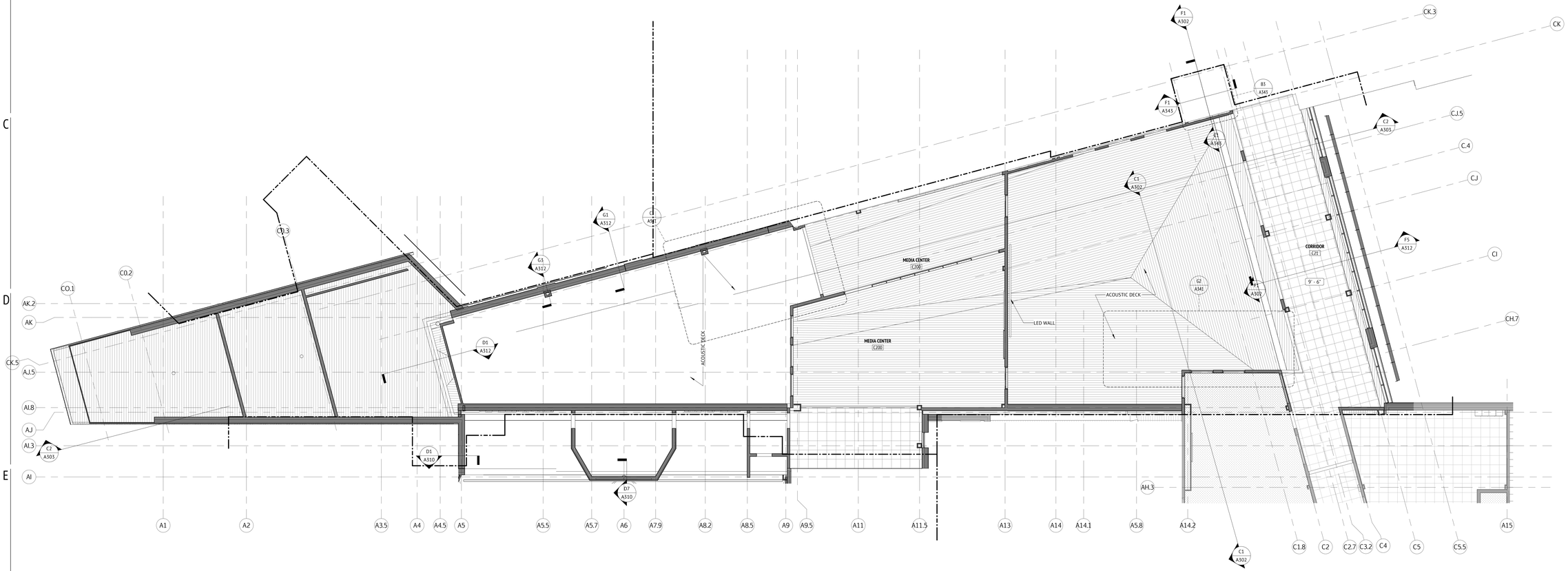
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

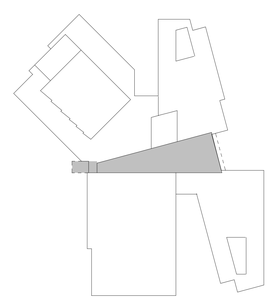
A132.2



CEILING LEGEND
1/8" = 1'-0"



F1 LEVEL 2 RCP - C NORTH
1/8" = 1'-0"



KEY PLAN - C SPINE
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

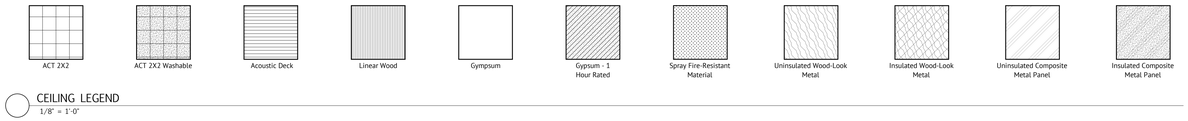
LEVEL 2 RCP - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

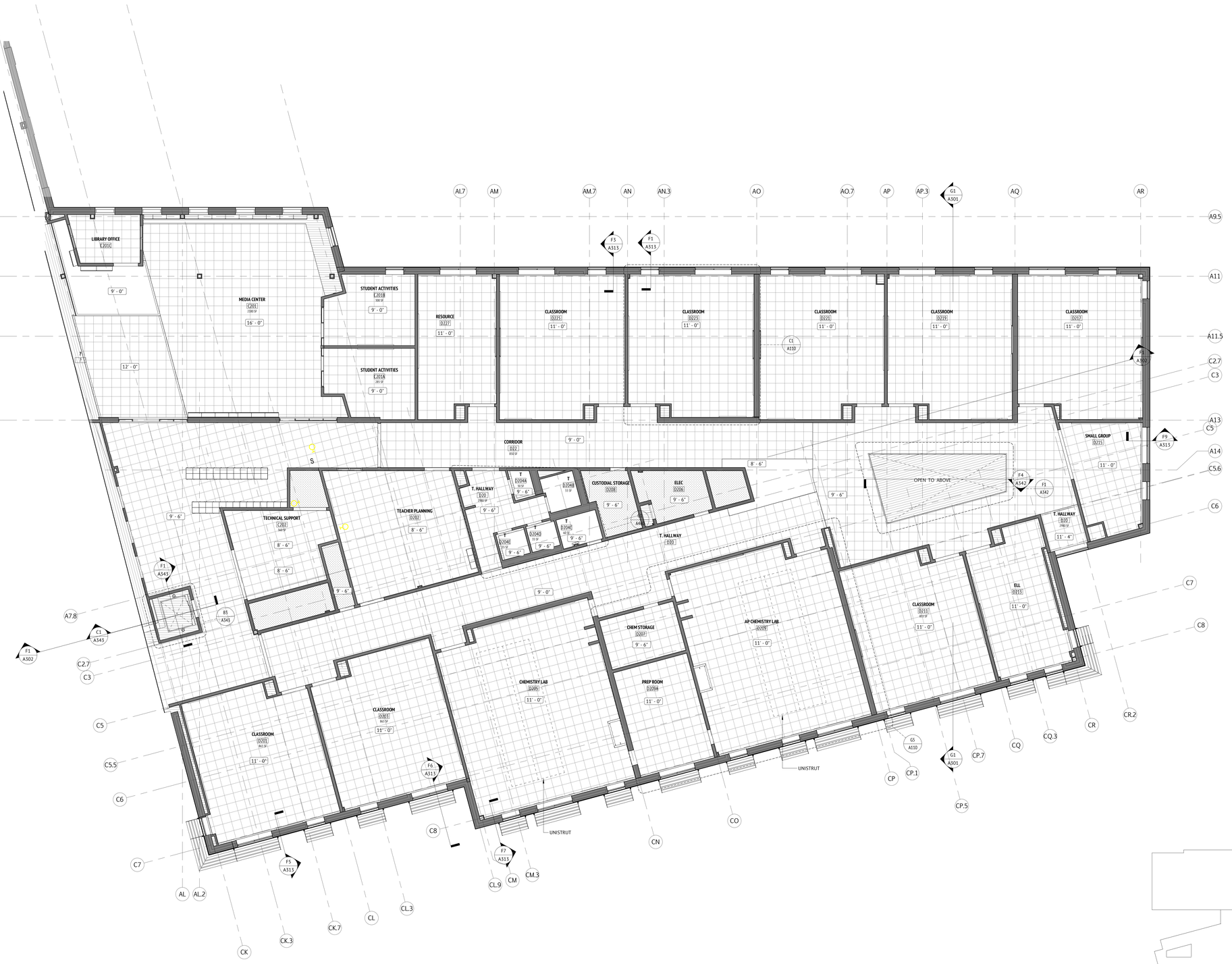
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

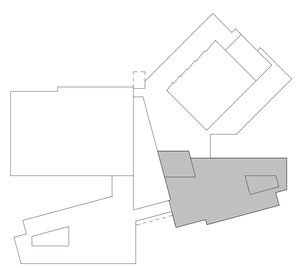
A132.3



CEILING LEGEND
1/8" = 1'-0"



G1 LEVEL 2 RCP - D
1/8" = 1'-0"



KEY PLAN - D WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 RCP - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

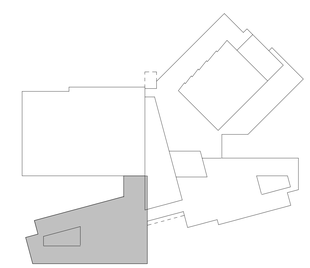
A132.4



CEILING LEGEND
1/8" = 1'-0"



G1 LEVEL 2 RCP - E
1/8" = 1'-0"



KEY PLAN - E WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

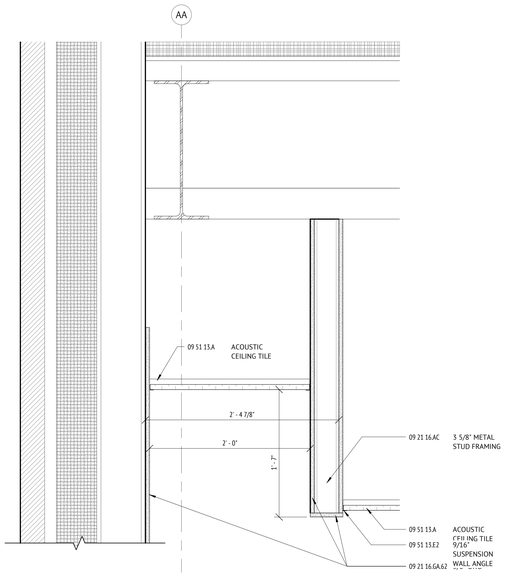
LEVEL 2 RCP - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

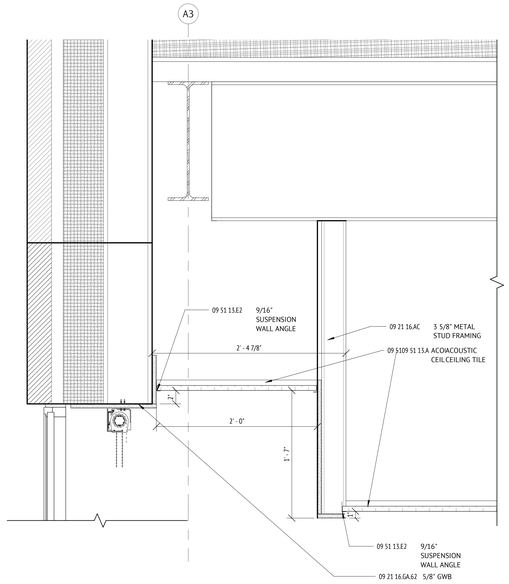
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

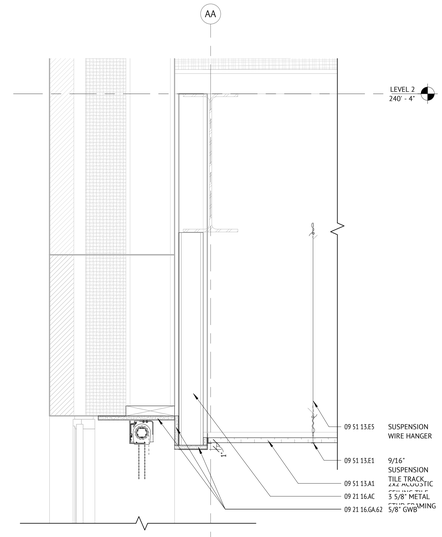
A132.5



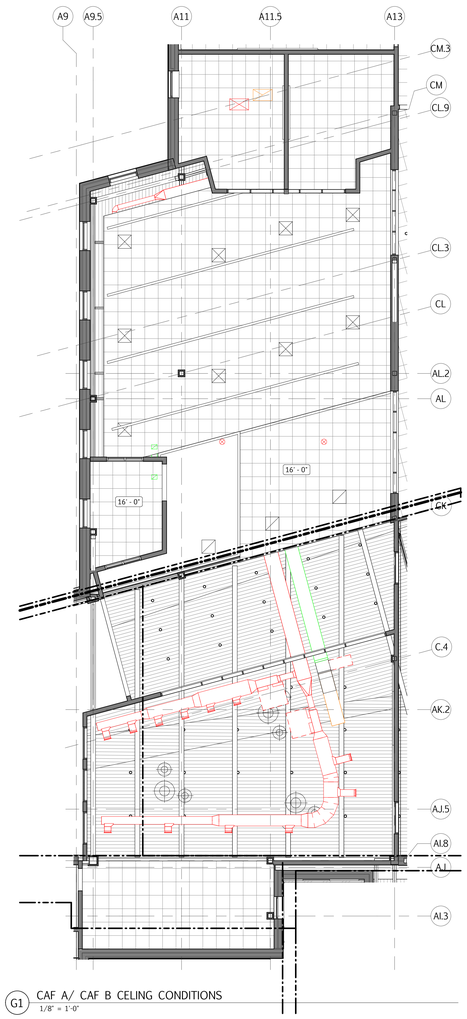
B1 10' CEILING SOFFIT
1 1/2" = 1'-0"



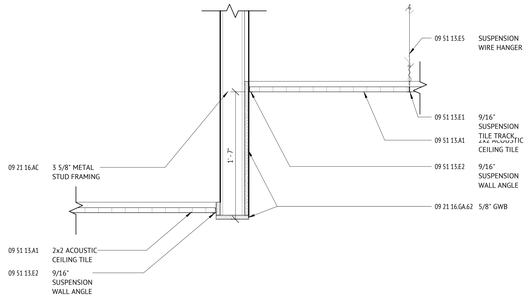
C5 10' CEILING SOFFIT DETAIL WITH WINDOW
1 1/2" = 1'-0"



C8 11' CEILING SOFFIT DETAIL WITH WINDOW
1 1/2" = 1'-0"



G1 CAF A/ CAF B CELING CONDITIONS
1/8" = 1'-0"



D5 ENTRY SOFFIT DETAIL
1 1/2" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

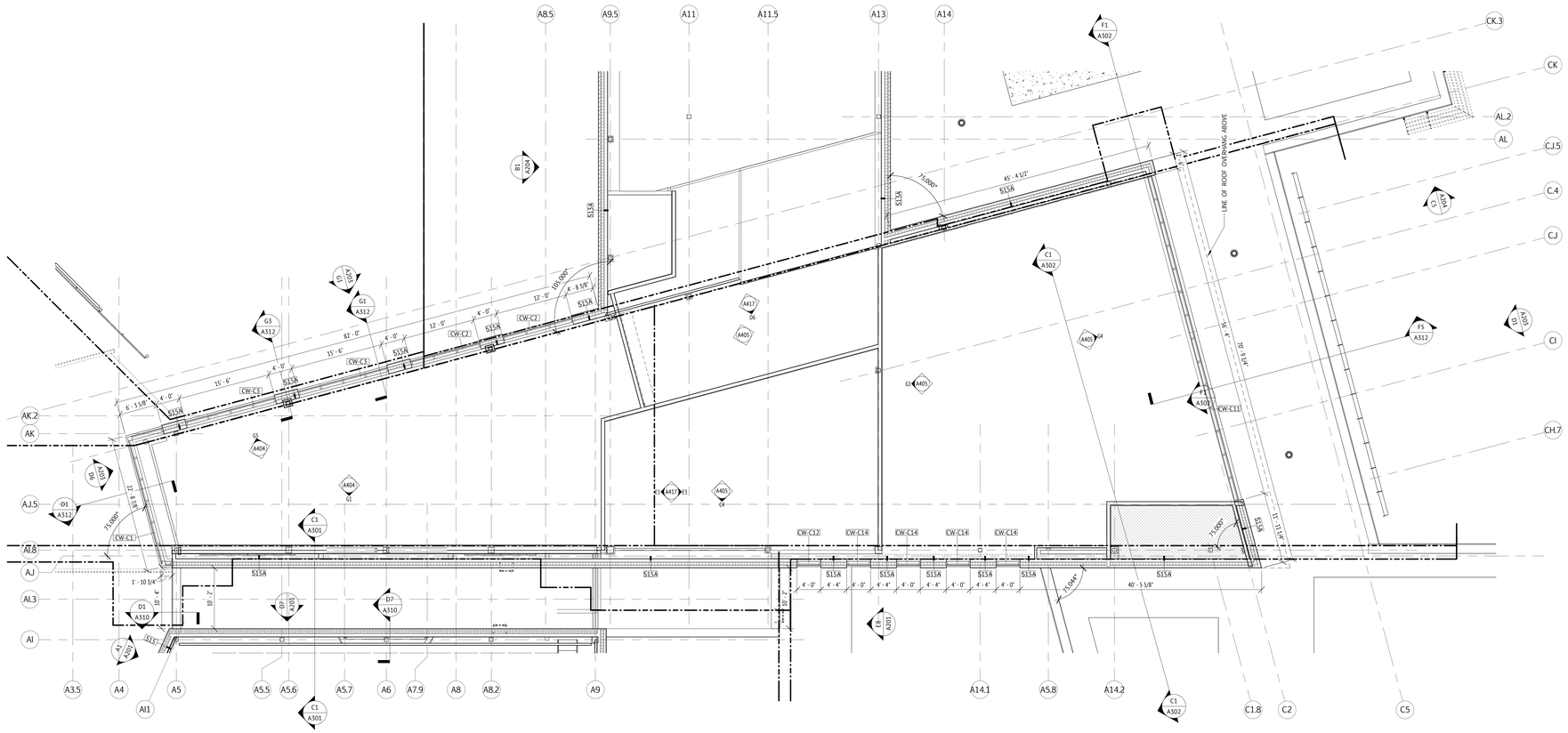
CEILING DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

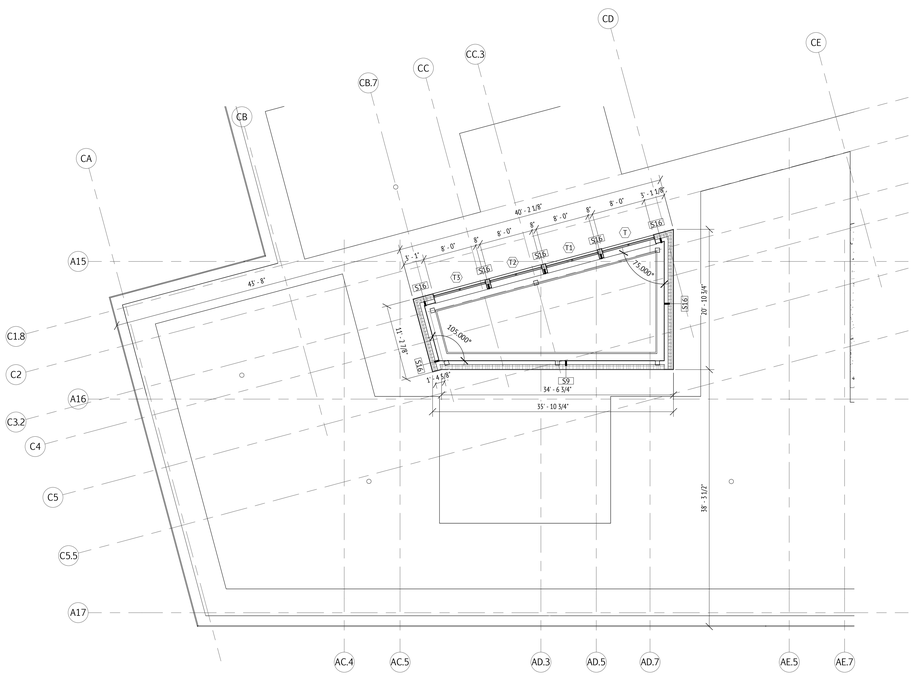
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

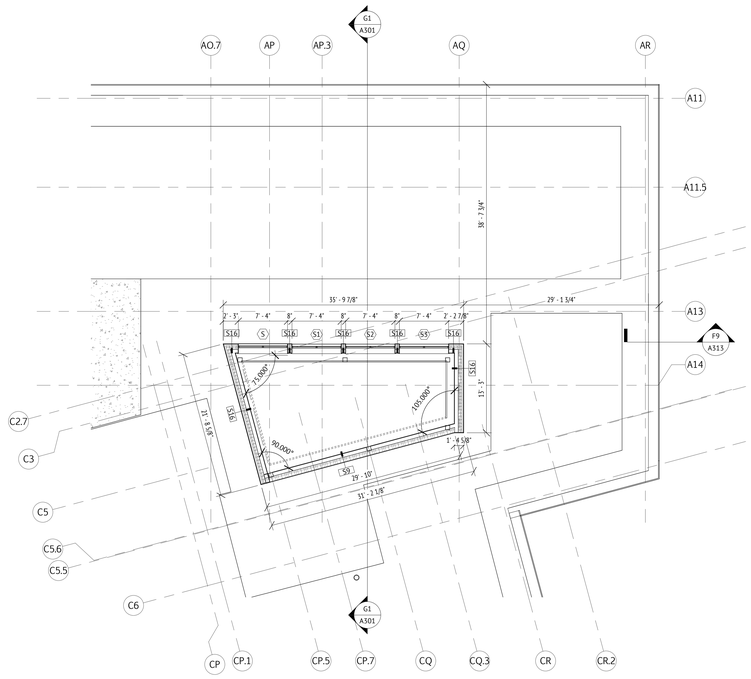
A139



D2 CLERESTORY - C WING SOUTH
1/8" = 1'-0"



G2 CLERESTORY - E WING
1/8" = 1'-0"



G7 CLERESTORY - D WING
1/8" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CLERESTORY PLANS - C SOUTH, D & E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	EW/JD
REVISIONS:	

DD SET

A150

ROOF MATERIAL LEGEND

- DRAINAGE DIRECTION
- ROOF DRAIN WITH INTEGRATED FLOW DRAIN
- ERA-XX — EXTERIOR ROOF ASSEMBLY TYPE (SEE A-002)
- ERA-1 NEW PVC ROOF ON STEEL DECK WITH TAPERED INSULATION
- ERA-1A NEW PVC ROOF ON SLOPED ACOUSTICAL DECK
- ERA-3 CONCRETE PAD WITH TAPERED INSULATION
- PV READY AREA
- CRICKET (TAPERED INSULATION)
- ROOF WALKING PAD
- UNIT SKYLIGHT
- VRF CONDENSER, SEE MECHANICAL
- SMOKE VENT HATCH
- REFRIGERANT PIPING ENCLOSURE, SEE MECHANICAL
- SPLIT SYSTEM, SEE MECHANICAL

G1 ROOF - A
1/8" = 1'-0"

KEY PLAN - A WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

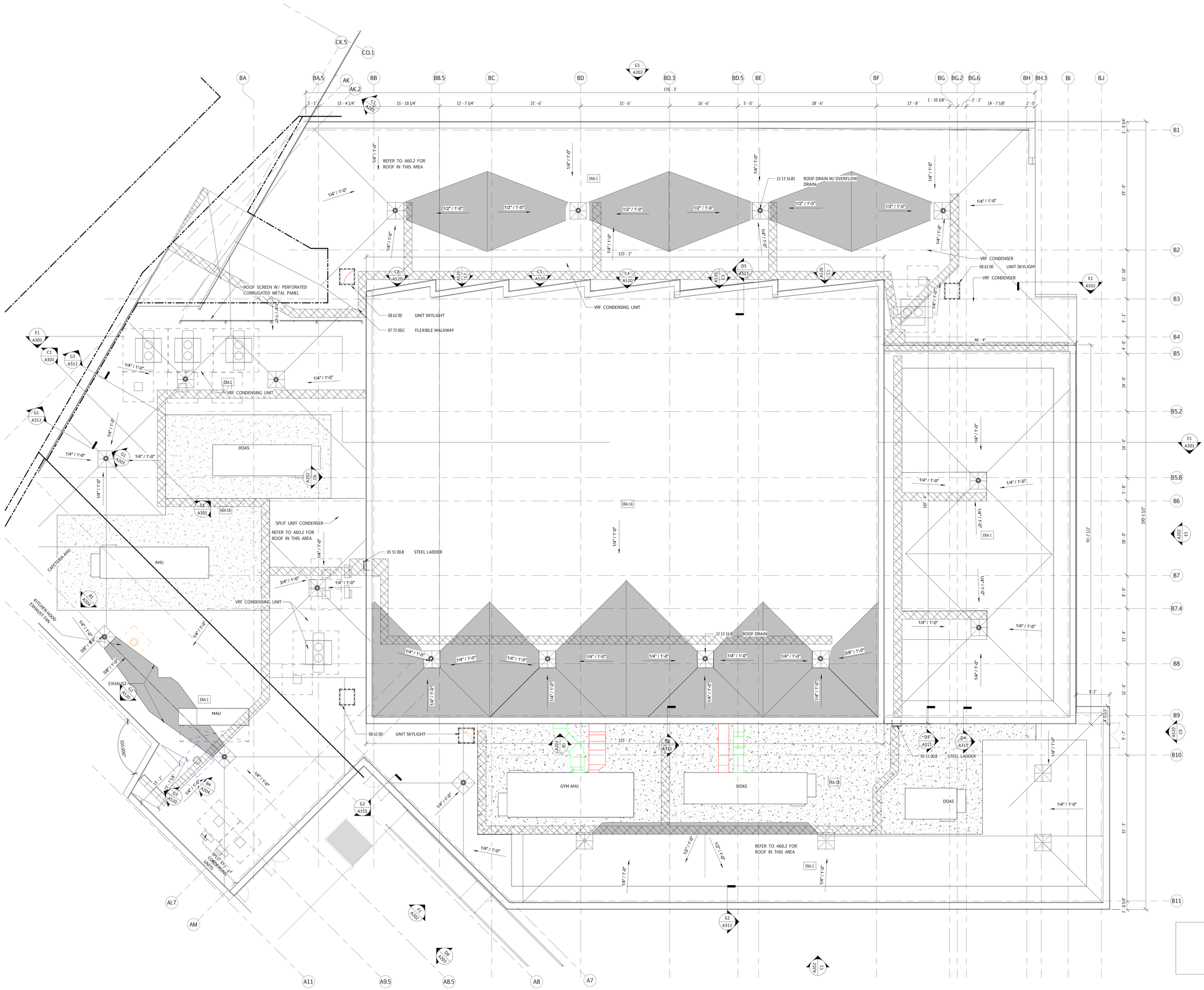
ROOF PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MF
REVISIONS:	

DD SET

A160.1



G1 ROOF - B
1/8" = 1'-0"

KEY PLAN - B WING
1" = 100'-0"

PN

ROOF MATERIAL LEGEND

- DRAINAGE DIRECTION
- ROOF DRAIN WITH INTEGRATED FLOW DRAIN
- ERA-XX — EXTERIOR ROOF ASSEMBLY TYPE (SEE A-002)
- ERA-1 NEW PVC ROOF ON STEEL DECK WITH TAPERED INSULATION
- ERA-1A NEW PVC ROOF ON SLOPED ACOUSTICAL DECK
- ERA-3 CONCRETE PAD WITH TAPERED INSULATION
- PV READY AREA
- CRICKET (TAPERED INSULATION)
- ROOF WALKING PAD
- UNIT SKYLIGHT
- VRF CONDENSER, SEE MECHANICAL
- SMOKE VENT HATCH
- REFRIGERANT PIPING ENCLOSURE, SEE MECHANICAL
- SPLIT SYSTEM, SEE MECHANICAL

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ROOF PLAN -B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

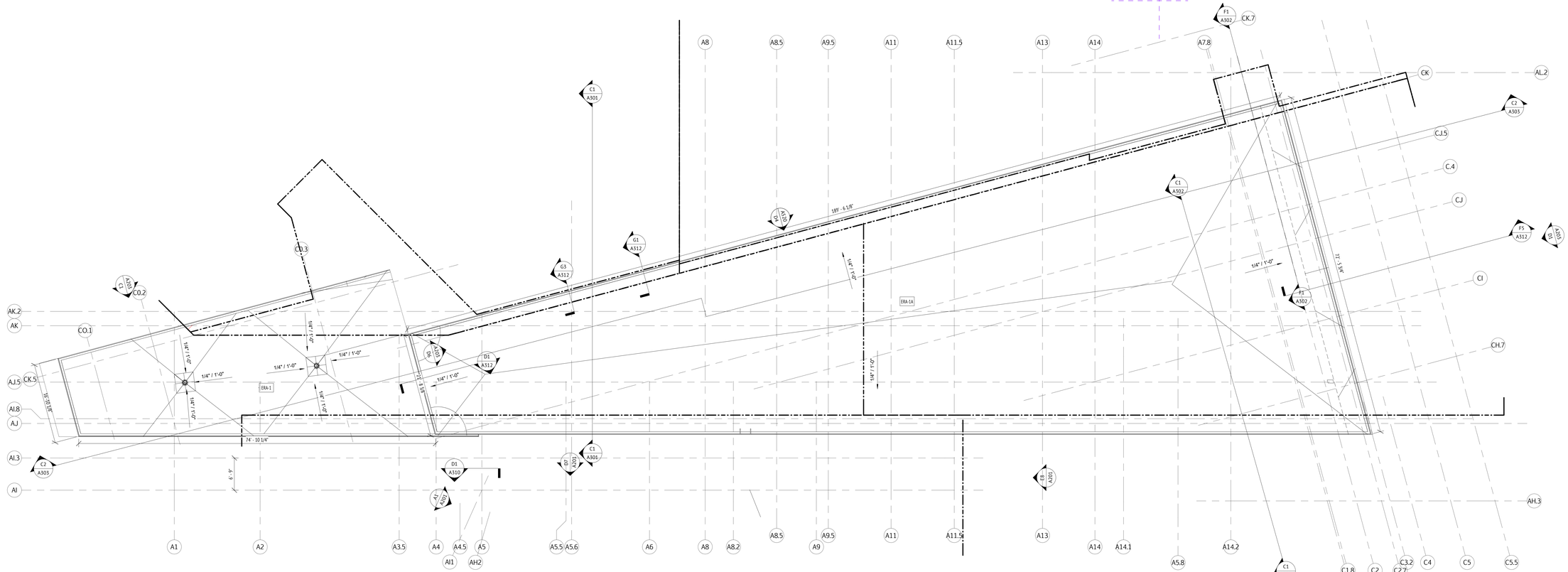
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

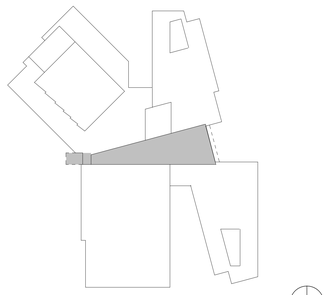
A160.2

ROOF MATERIAL LEGEND

- DRAINAGE DIRECTION
- ROOF DRAIN WITH INTEGRATED FLOW DRAIN
- ERA-XX — EXTERIOR ROOF ASSEMBLY TYPE (SEE A-002)
- ERA-1 NEW PVC ROOF ON STEEL DECK WITH TAPERED INSULATION
- ERA-1A NEW PVC ROOF ON SLOPED ACOUSTICAL DECK
- ERA-3 CONCRETE PAD WITH TAPERED INSULATION
- PV READY AREA
- CRICKET (TAPERED INSULATION)
- ROOF WALKING PAD
- UNIT SKYLIGHT
- VRF CONDENSER, SEE MECHANICAL
- SMOKE VENT HATCH
- REFRIGERANT PIPING ENCLOSURE, SEE MECHANICAL
- SPLIT SYSTEM, SEE MECHANICAL



F1 ROOF - C North
1/8" = 1'-0"



KEY PLAN - C SPINE
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

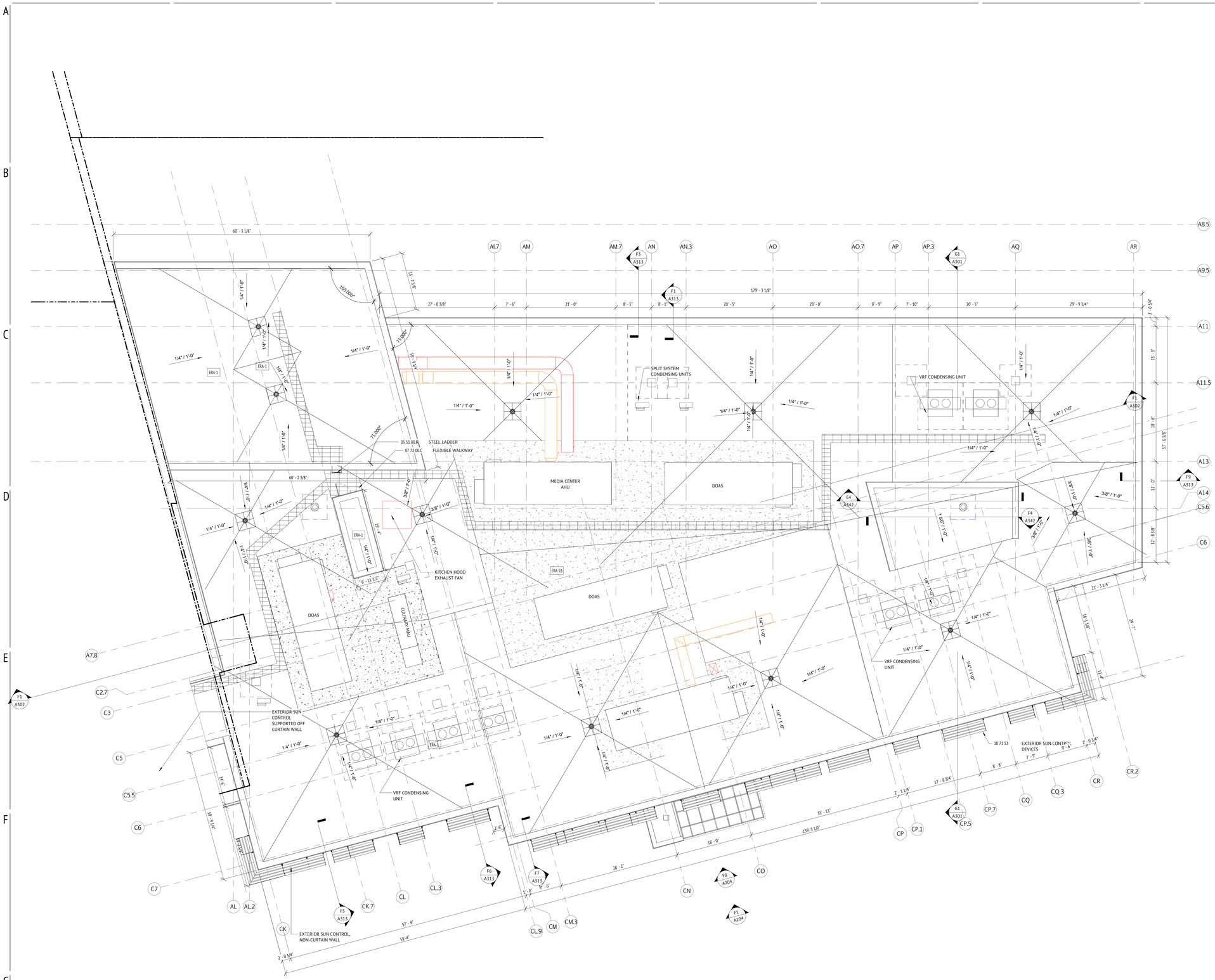
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

ROOF PLAN -C SPINE

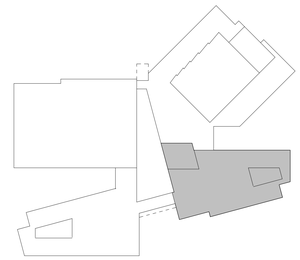
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A160.3



G1 ROOF - D
1/8" = 1'-0"



KEY PLAN - D WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

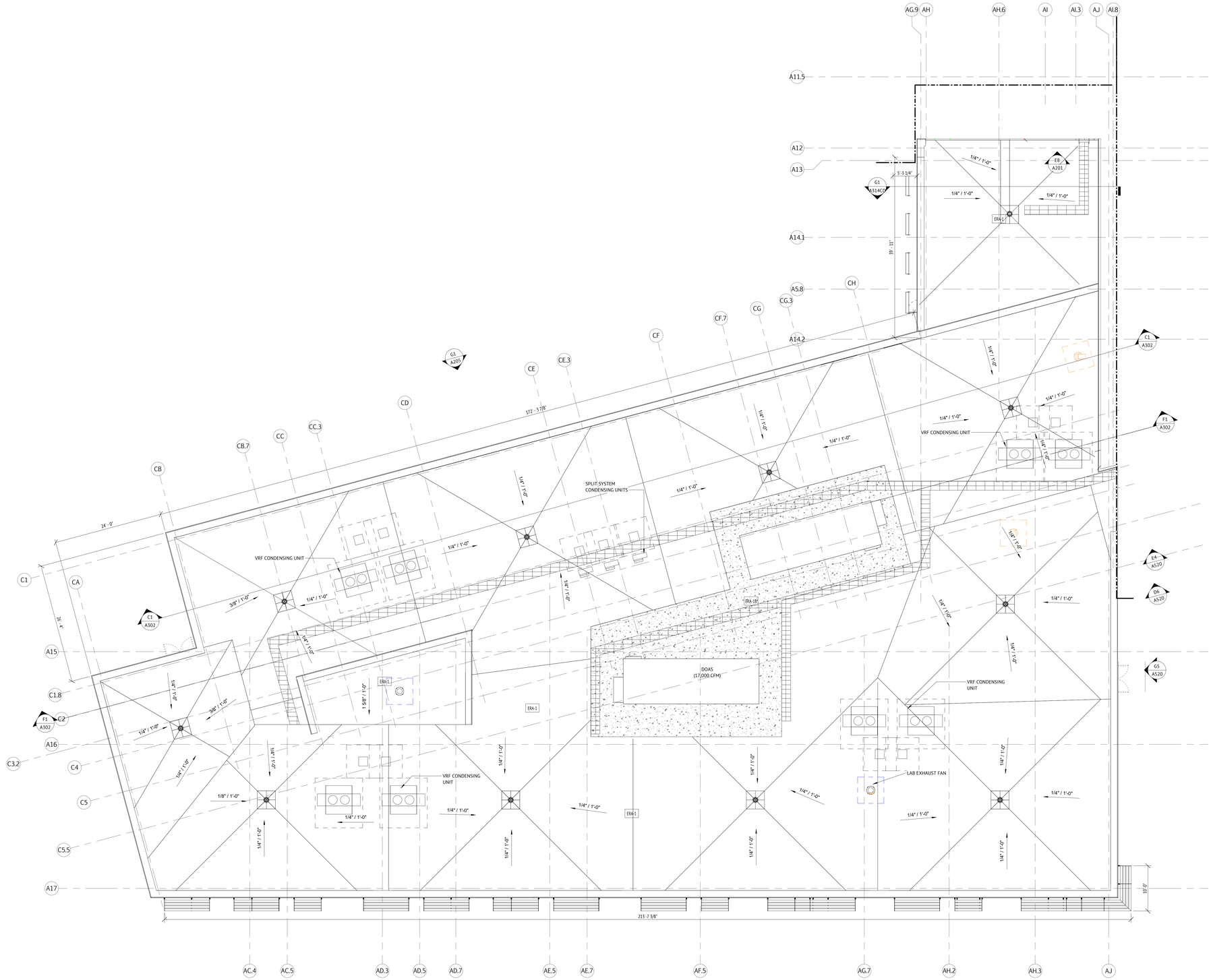
ROOF PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

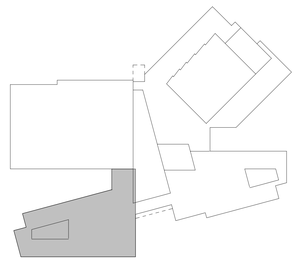
A160.4



G1 ROOF - E
1/8" = 1'-0"

ROOF MATERIAL LEGEND

- DRAINAGE DIRECTION
- ROOF DRAIN WITH INTEGRATED FLOW DRAIN
- ERA-XX — EXTERIOR ROOF ASSEMBLY TYPE (SEE A-002)
- ERA-1 NEW PVC ROOF ON STEEL DECK WITH TAPERED INSULATION
- ERA-1A NEW PVC ROOF ON SLOPED ACOUSTICAL DECK
- ERA-3 CONCRETE PAD WITH TAPERED INSULATION
- PV READY AREA
- CRICKET (TAPERED INSULATION)
- ROOF WALKING PAD
- UNIT SKYLIGHT
- VRF CONDENSER, SEE MECHANICAL
- SMOKE VENT HATCH
- REFRIGERANT PIPING ENCLOSURE, SEE MECHANICAL
- SPLIT SYSTEM, SEE MECHANICAL



KEY PLAN - E WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ROOF PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A160.5

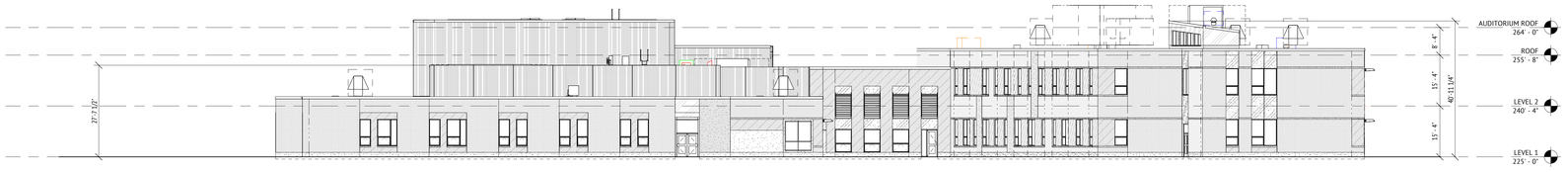
EXTERIOR MATERIAL LEGEND

- S13 - BRICK VENEER WITH METAL STUD BACKUP
- S13a/S13b - ACCENT BRICK VENEER WITH METAL STUD BACKUP
- S13c - TEXTURED BRICK VENEER WITH METAL STUD BACKUP
- STONE BASE WITH METAL STUD BACKUP
- PRECAST CONCRETE WITH METAL STUD BACKUP
- S15 - CORRUGATED METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL (ACCENT COLOR 1) WITH METAL STUD BACKUP
- COMPOSITE METAL PANEL (ACCENT COLOR 2) AT WINDOW SURROUNDS
- ROOF SCREEN WITH PERFORATED CORRUGATED METAL PANEL
- S9/S9a- ROOF MEMBRANE (ON BRICK FOR S9a) WITH METAL STUD BACKUP
- TEMPERED TRIPLE GLAZING VISION GLASS
- WOOD-LOOK METAL CEILING / FASCIA

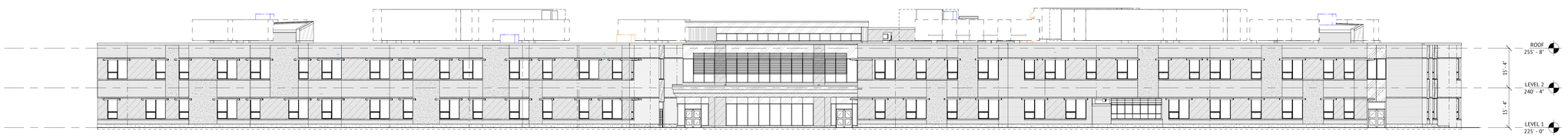
NOTE: ALL WINDOW AND CURTAIN WALL FRAME IN BRICK WALL ASSEMBLIES TO RECIEVE COLOR 1; ALL WINDOW AND CURTAIN WAL FRAME IN CORRUGATED OR COMPOSITE METAL PANEL ASSEMBLIES TO RECEIVE COLOR 2.



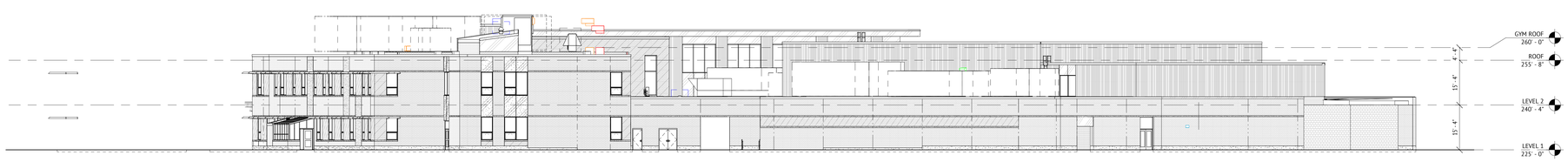
C1 OVERALL ELEVATION - NORTH
1/16" = 1'-0"



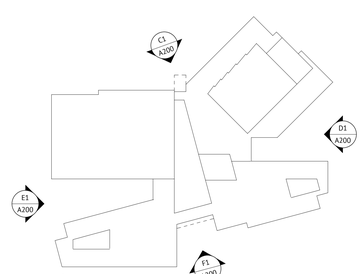
D1 OVERALL ELEVATION - WEST
1/16" = 1'-0"



F1 OVERALL ELEVATION - SOUTH
1/16" = 1'-0"



G1 OVERALL ELEVATION - EAST
1/16" = 1'-0"



KEY PLAN
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EXTERIOR ELEVATIONS - OVERALL

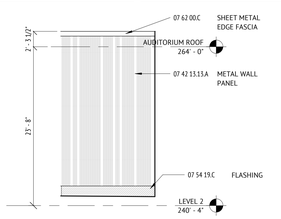
EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

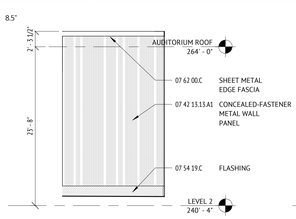
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	YJ
REVISIONS:	

DD SET

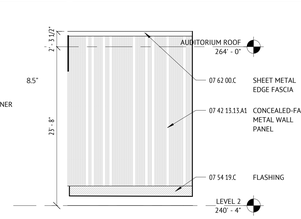
A200



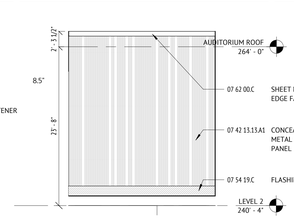
A1 AUDITORIUM NORTH - PARTIAL ELEVATION - 1
1/8" = 1'-0"



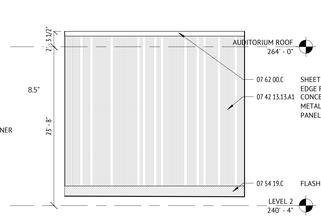
A2 AUDITORIUM NORTH - PARTIAL ELEVATION - 2
1/8" = 1'-0"



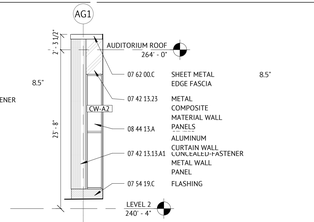
A3 AUDITORIUM NORTH -PARTIAL ELEVATION - 3
1/8" = 1'-0"



A4 AUDITORIUM NORTH -PARTIAL ELEVATION - 4
1/8" = 1'-0"



A6 AUDITORIUM NORTH -PARTIAL ELEVATION - 5
1/8" = 1'-0"

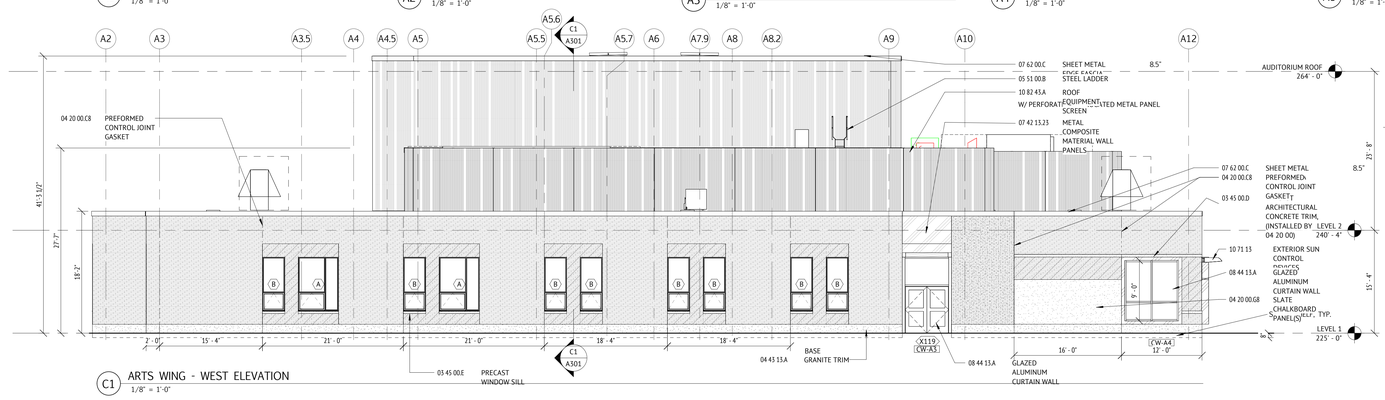


A7 AUDITORIUM WEST - PARTIAL ELEVATION
1/8" = 1'-0"

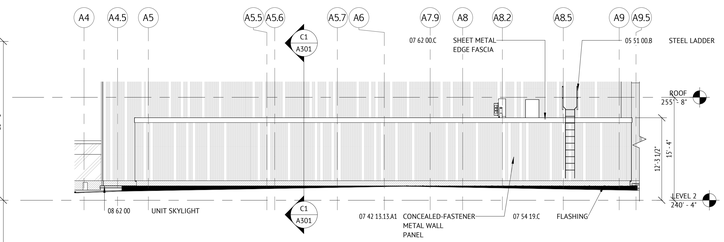
EXTERIOR MATERIAL LEGEND

- S13 - BRICK VENEER WITH METAL STUD BACKUP
- S13a/S13b - ACCENT BRICK VENEER WITH METAL STUD BACKUP
- S13c - TEXTURED BRICK VENEER WITH METAL STUD BACKUP
- STONE BASE WITH METAL STUD BACKUP
- PRECAST CONCRETE WITH METAL STUD BACKUP
- S15 - CORRUGATED METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL (ACCENT COLOR 1) WITH METAL STUD BACKUP
- COMPOSITE METAL PANEL (ACCENT COLOR 2) AT WINDOW SURROUNDS
- ROOF SCREEN WITH PERFORATED CORRUGATED METAL PANEL
- S9/S9a- ROOF MEMBRANE (ON BRICK FOR S9a) WITH METAL STUD BACKUP
- TEMPERED TRIPLE GLAZING VISION GLASS
- WOOD-LOOK METAL CEILING / FASCIA

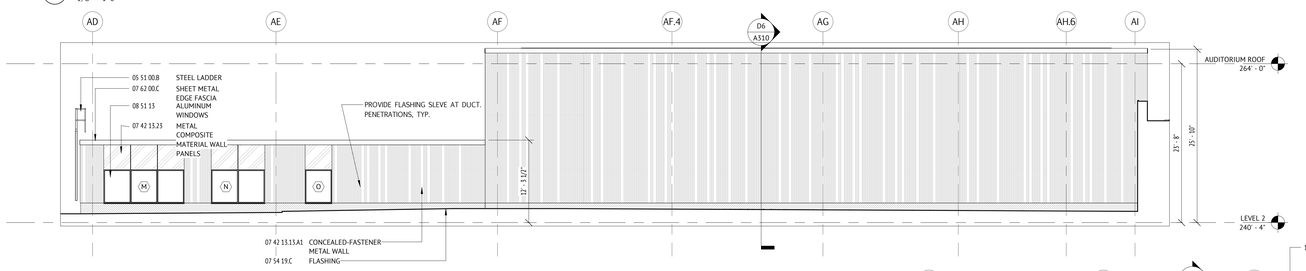
NOTE: ALL WINDOW AND CURTAIN WALL FRAME IN BRICK WALL ASSEMBLIES TO RECIEVE COLOR 1; ALL WINDOW AND CURTAIN WAL FRAME IN CORRUGATED OR COMPOSITE METAL PANEL ASSEMBLIES TO RECEIVE COLOR 2.



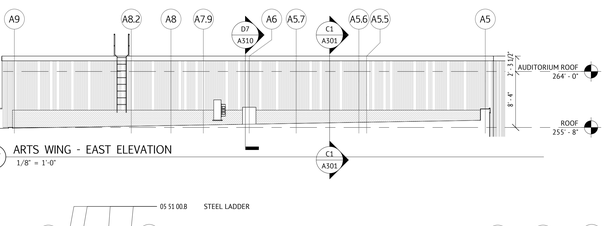
C1 ARTS WING - WEST ELEVATION
1/8" = 1'-0"



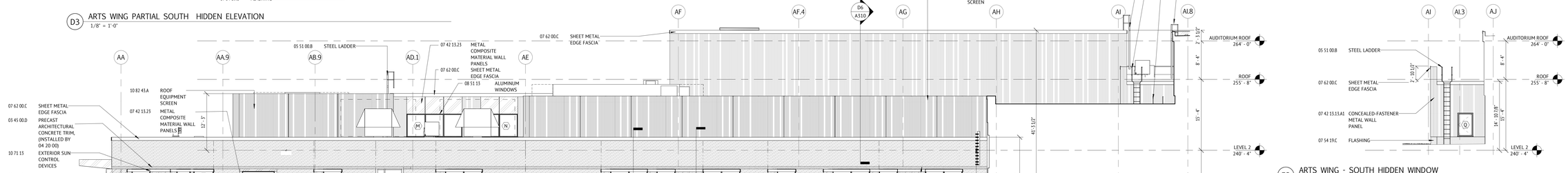
C6 ARTS WING - WEST ELEVATION - HIDDEN ELEVATION
1/8" = 1'-0"



D3 ARTS WING PARTIAL SOUTH HIDDEN ELEVATION
1/8" = 1'-0"

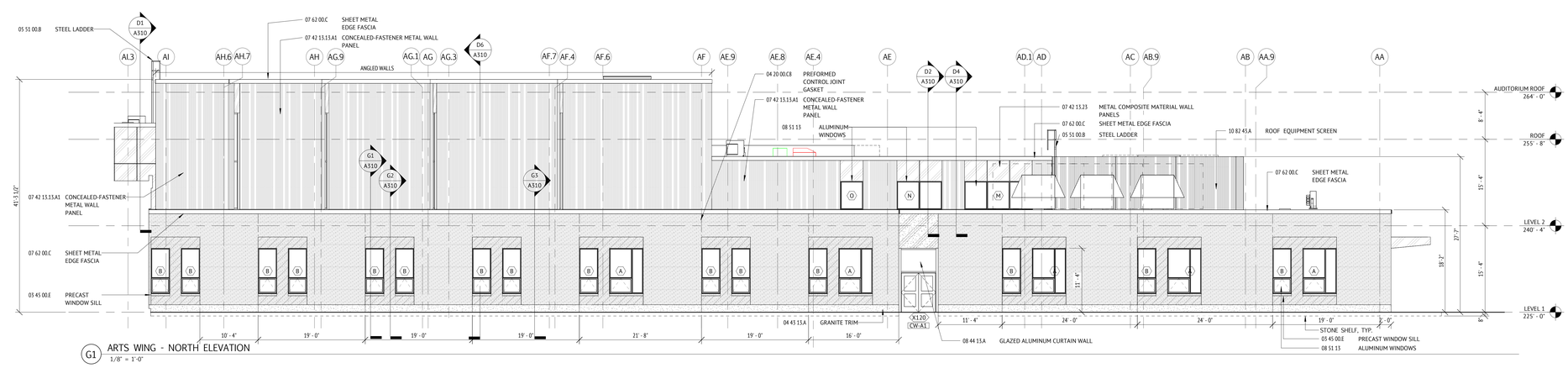


D7 ARTS WING - EAST ELEVATION
1/8" = 1'-0"

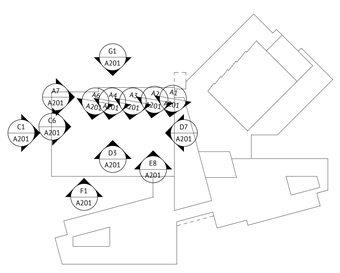


F1 ARTS WING - SOUTH ELEVATION - ROOF
1/8" = 1'-0"

E8 ARTS WING - SOUTH HIDDEN WINDOW
1/8" = 1'-0"



G1 ARTS WING - NORTH ELEVATION
1/8" = 1'-0"



KEY PLAN
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

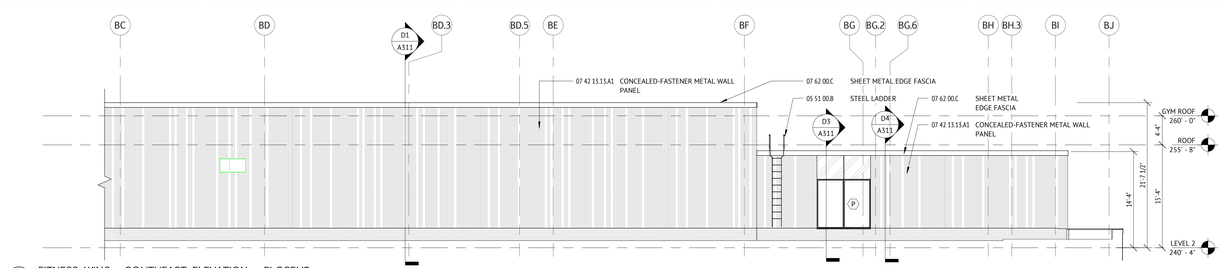
EXTERIOR ELEVATIONS - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

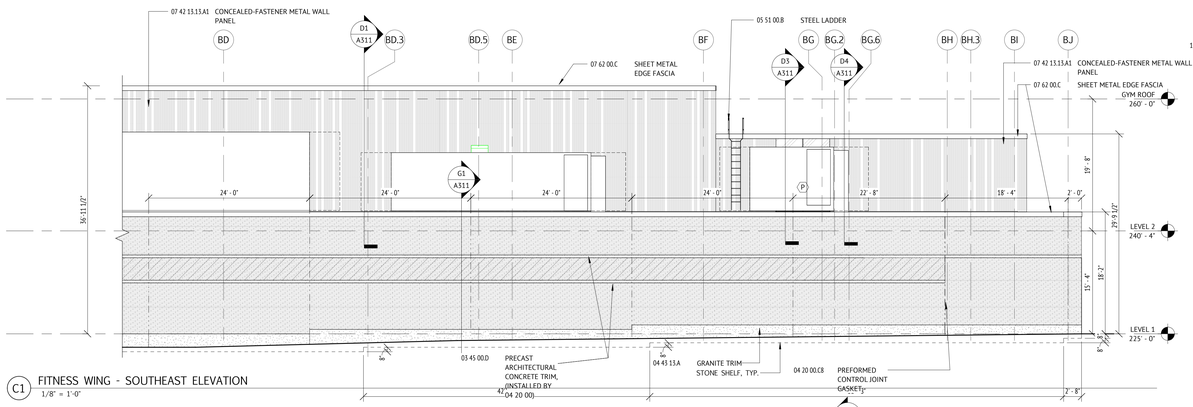
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	YJ
REVISIONS:	

DD SET

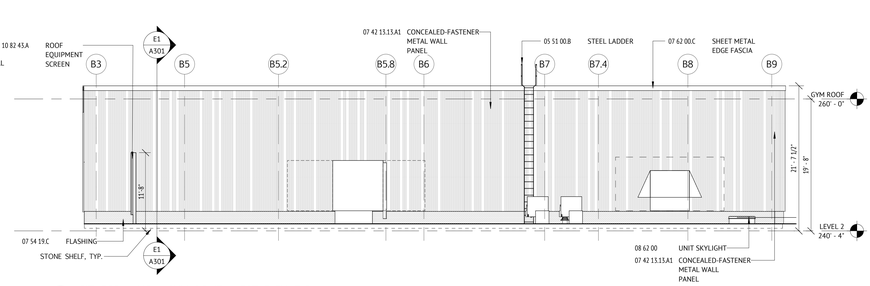
A201



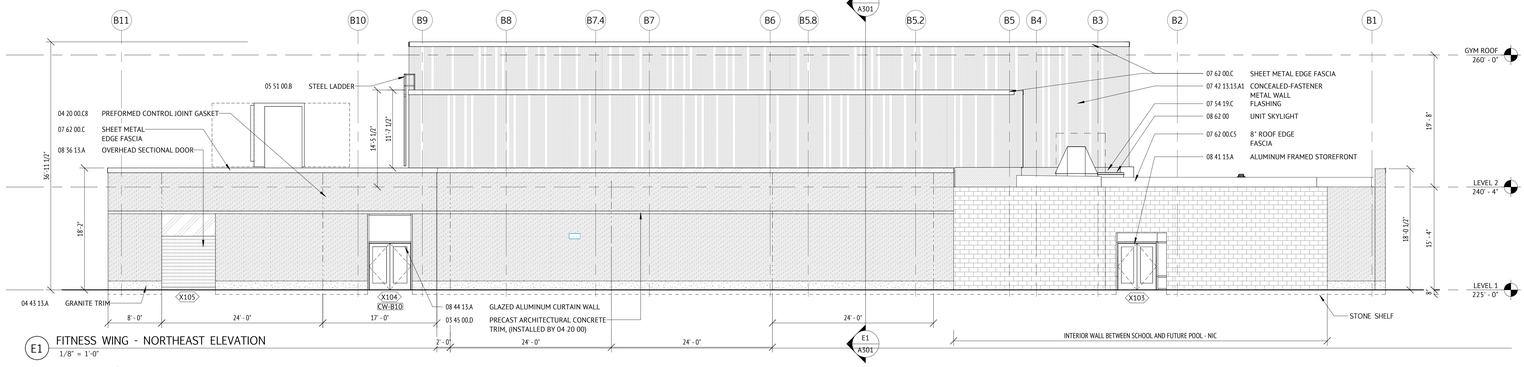
B1 FITNESS WING - SOUTHEAST ELEVATION - CLOSEUP
1/8" = 1'-0"



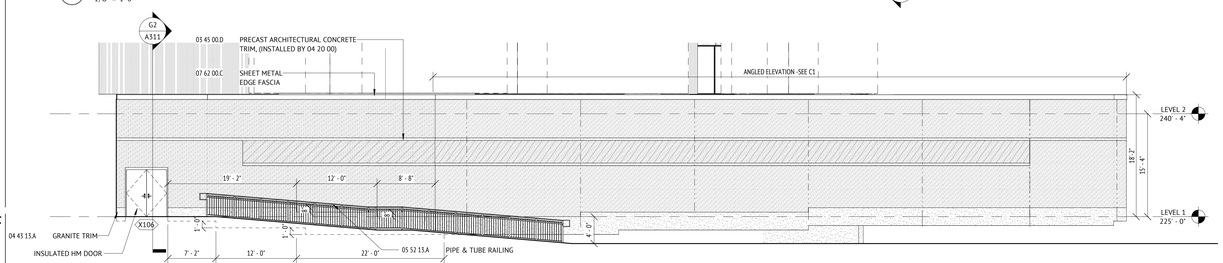
C1 FITNESS WING - SOUTHEAST ELEVATION
1/8" = 1'-0"



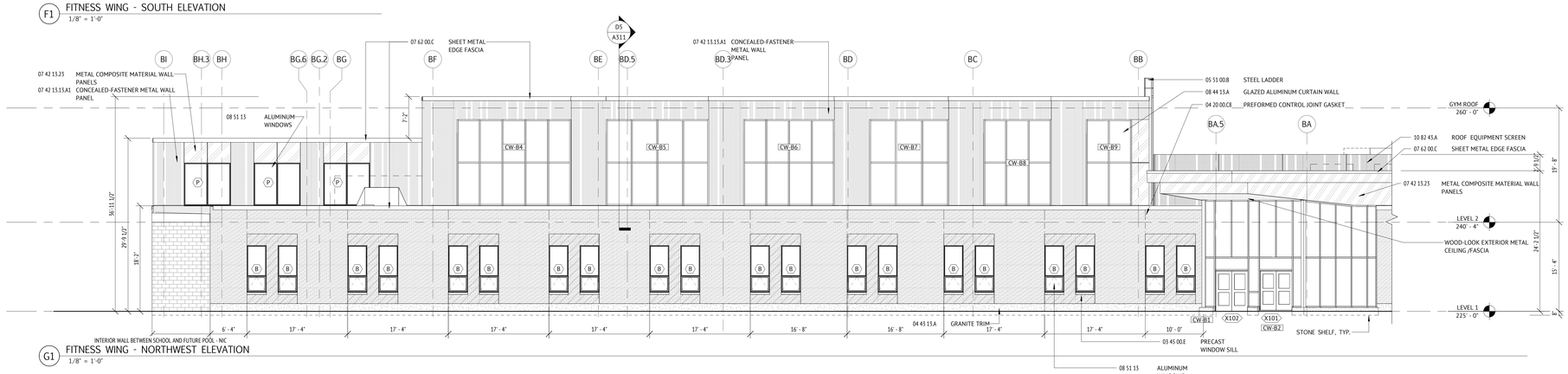
C6 FITNESS WING - GYM SOUTHWEST ELEVATION
1/8" = 1'-0"



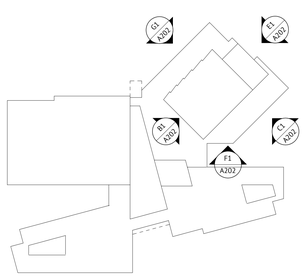
E1 FITNESS WING - NORTHEAST ELEVATION
1/8" = 1'-0"



F1 FITNESS WING - SOUTH ELEVATION
1/8" = 1'-0"



G1 FITNESS WING - NORTHWEST ELEVATION
1/8" = 1'-0"



KEY PLAN
1" = 100'-0"

EXTERIOR MATERIAL LEGEND

- S13 - BRICK VENEER WITH METAL STUD BACKUP
- S13a/S13b - ACCENT BRICK VENEER WITH METAL STUD BACKUP
- S13c - TEXTURED BRICK VENEER WITH METAL STUD BACKUP
- STONE BASE WITH METAL STUD BACKUP
- PRECAST CONCRETE WITH METAL STUD BACKUP
- S15 - CORRUGATED METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL (ACCENT COLOR 1) WITH METAL STUD BACKUP
- COMPOSITE METAL PANEL (ACCENT COLOR 2) AT WINDOW SURROUNDS
- ROOF SCREEN WITH PERFORATED CORRUGATED METAL PANEL
- S9/S9a- ROOF MEMBRANE (ON BRICK FOR S9a) WITH METAL STUD BACKUP
- TEMPERED TRIPLE GLAZING VISION GLASS
- WOOD-LOOK METAL CEILING / FASCIA

NOTE: ALL WINDOW AND CURTAIN WALL FRAME IN BRICK WALL ASSEMBLIES TO RECIEVE COLOR 1; ALL WINDOW AND CURTAIN WAL FRAME IN CORRUGATED OR COMPOSITE METAL PANEL ASSEMBLIES TO RECEIVE COLOR 2.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

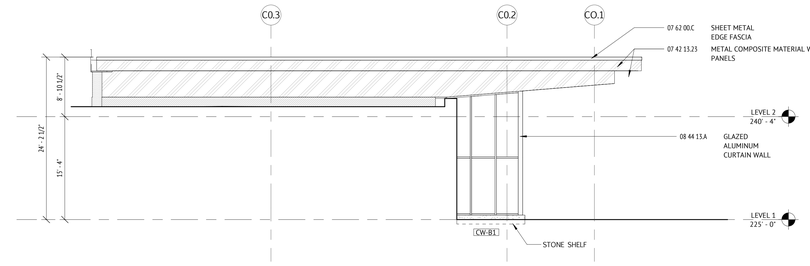
EXTERIOR ELEVATIONS - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

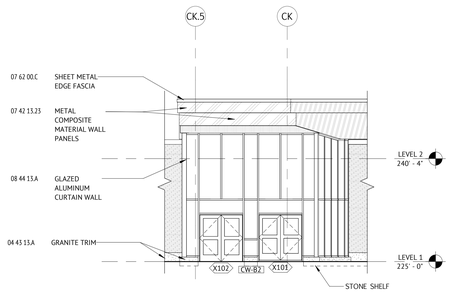
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	YJ
REVISIONS:	

DD SET

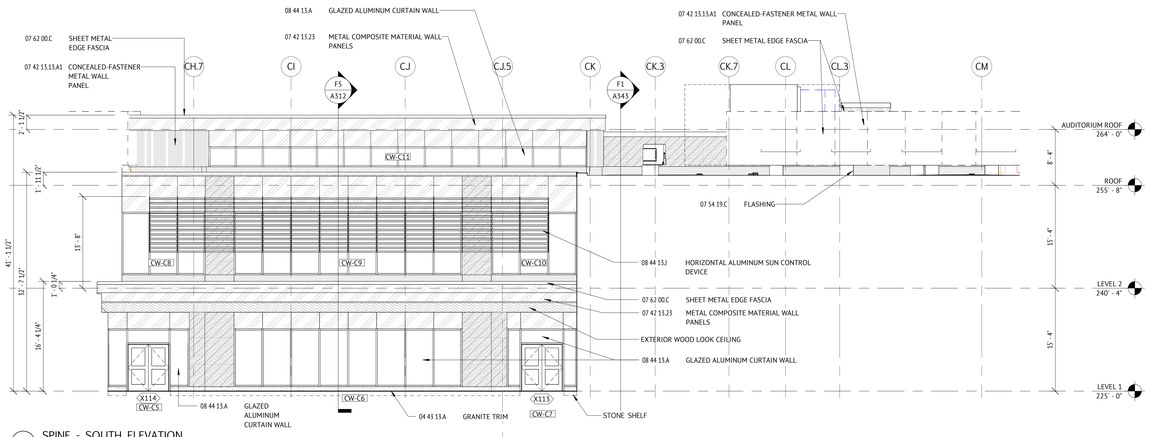
A202



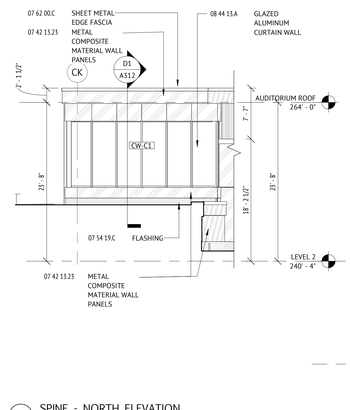
C1 MAIN ENTRY - EAST ELEVATION
1/8" = 1'-0"



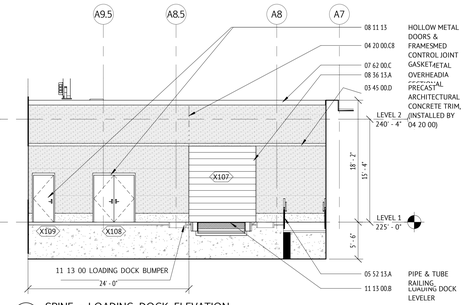
C5 MAIN ENTRY - NORTH ELEVATION
1/8" = 1'-0"



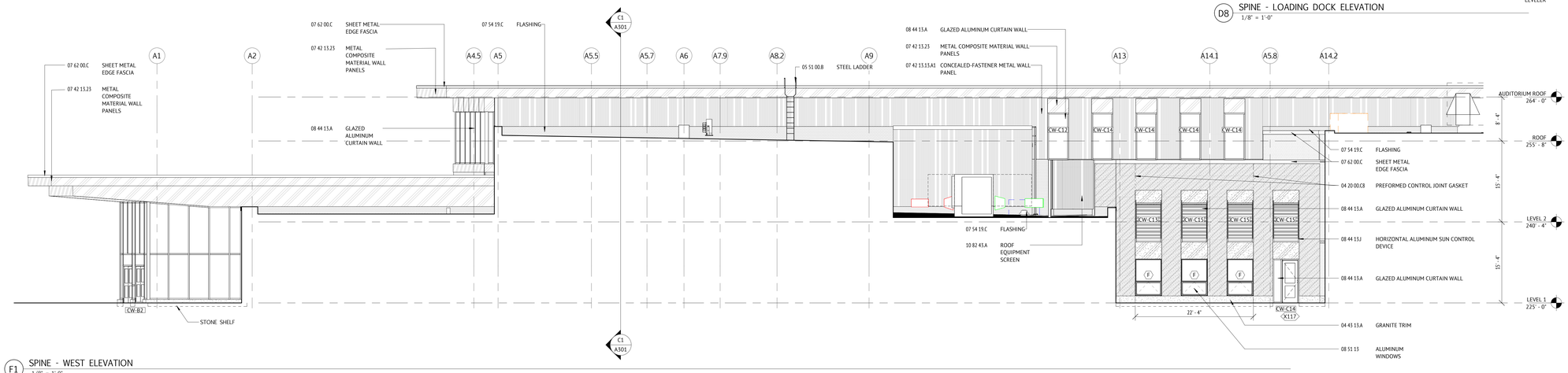
D1 SPINE - SOUTH ELEVATION
1/8" = 1'-0"



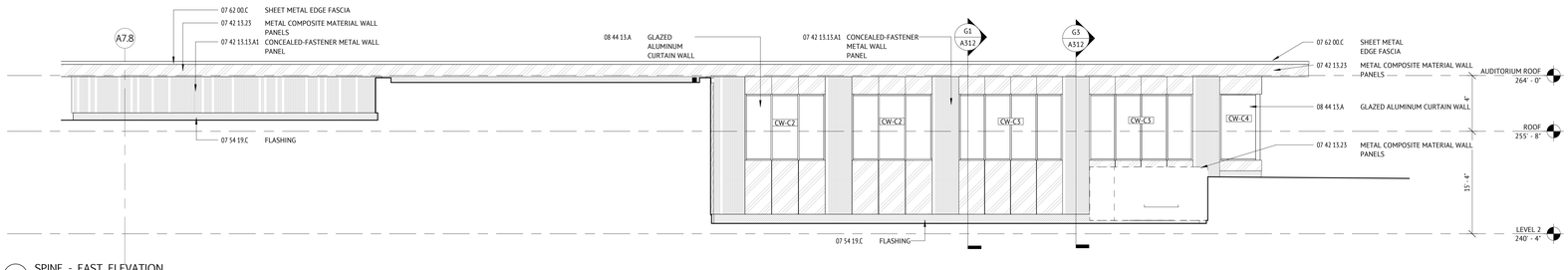
D6 SPINE - NORTH ELEVATION
1/8" = 1'-0"



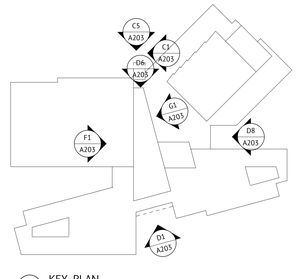
D8 SPINE - LOADING DOCK ELEVATION
1/8" = 1'-0"



F1 SPINE - WEST ELEVATION
1/8" = 1'-0"



G1 SPINE - EAST ELEVATION
1/8" = 1'-0"



KEY PLAN
1" = 100'-0"

EXTERIOR MATERIAL LEGEND

- S13 - BRICK VENEER WITH METAL STUD BACKUP
- S13a/S13b - ACCENT BRICK VENEER WITH METAL STUD BACKUP
- S13c - TEXTURED BRICK VENEER WITH METAL STUD BACKUP
- STONE BASE WITH METAL STUD BACKUP
- PRECAST CONCRETE WITH METAL STUD BACKUP
- S15 - CORRUGATED METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL (ACCENT COLOR 1) WITH METAL STUD BACKUP
- COMPOSITE METAL PANEL (ACCENT COLOR 2) AT WINDOW SURROUNDS
- ROOF SCREEN WITH PERFORATED CORRUGATED METAL PANEL
- S9/S9a- ROOF MEMBRANE (ON BRICK FOR S9a) WITH METAL STUD BACKUP
- TEMPERED TRIPLE GLAZING VISION GLASS
- WOOD-LOOK METAL CEILING / FASCIA

NOTE: ALL WINDOW AND CURTAIN WALL FRAME IN BRICK WALL ASSEMBLIES TO RECIEVE COLOR 1; ALL WINDOW AND CURTAIN WAL FRAME IN CORRUGATED OR COMPOSITE METAL PANEL ASSEMBLIES TO RECEIVE COLOR 2.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

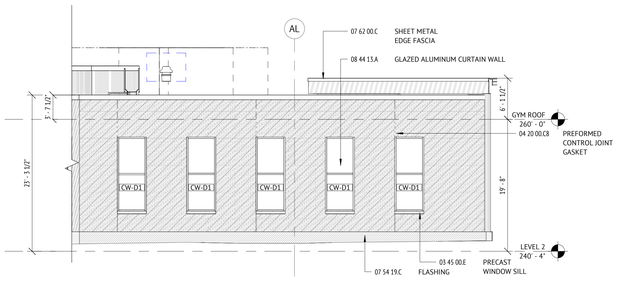
EXTERIOR ELEVATIONS - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

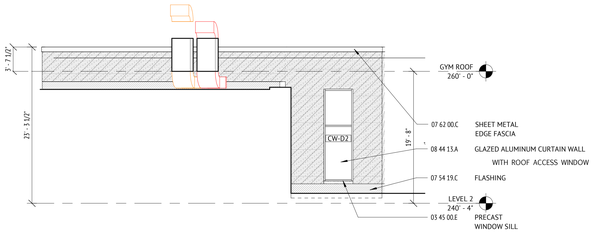
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	YJ
REVISIONS:	

DD SET

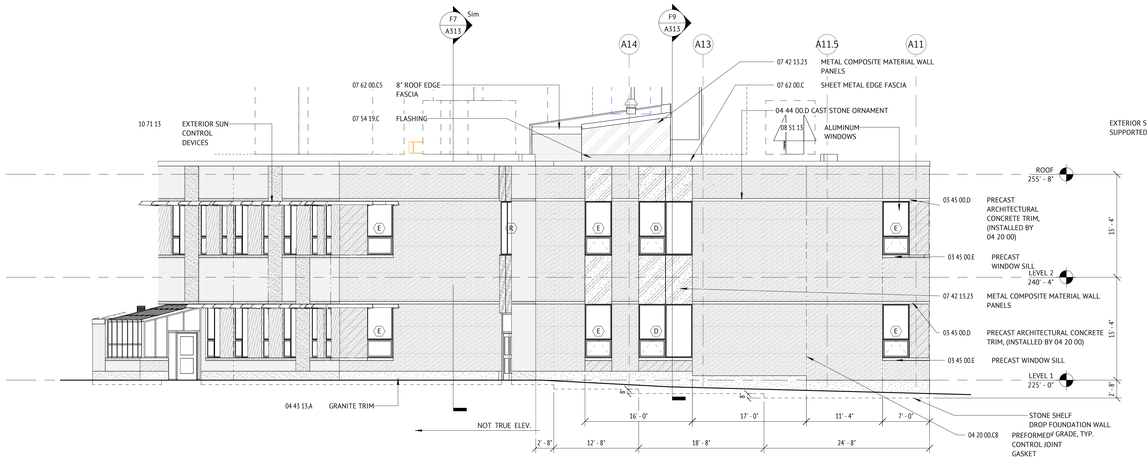
A203



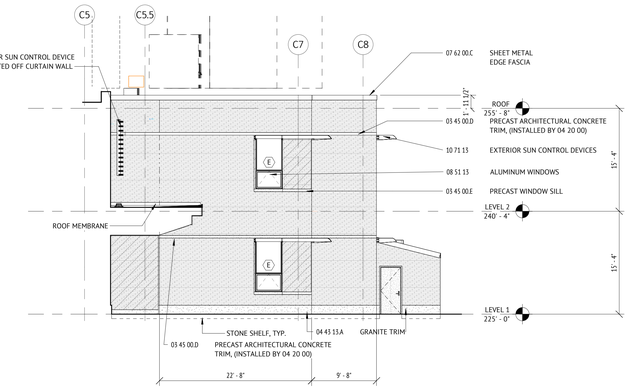
B1 EAST CLASSROOM WING - NORTH ELEVATION - CLOSEUP
1/8" = 1'-0"



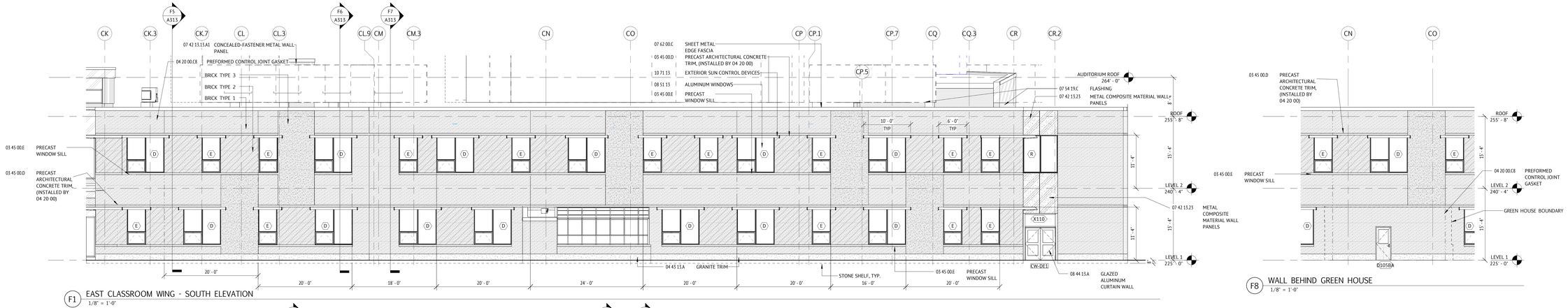
B4 EAST CLASSROOM WING - MEDIA CENTER EAST
1/8" = 1'-0"



C1 EAST CLASSROOM WING - EAST ELEVATION
1/8" = 1'-0"

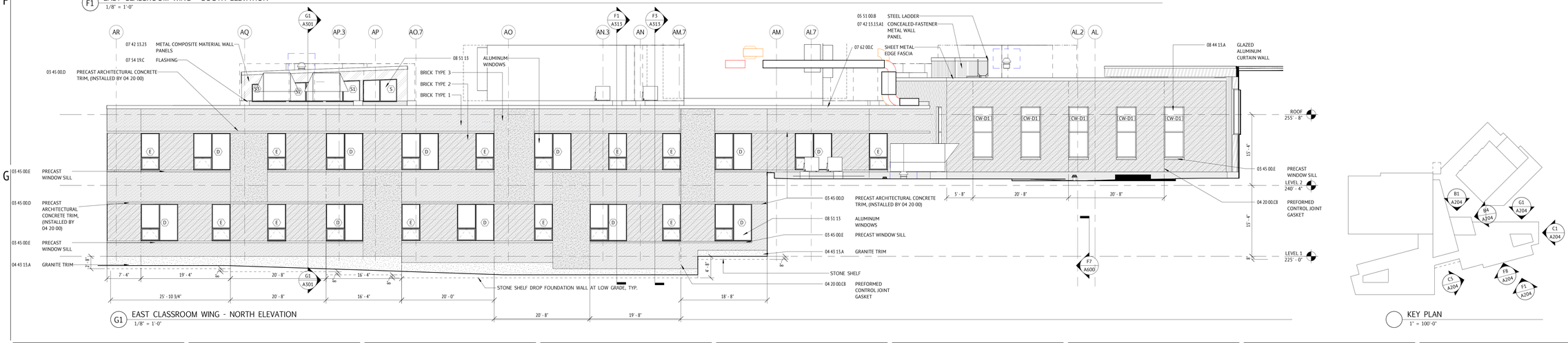


C5 EAST CLASSROOM WING - WEST ELEVATION
1/8" = 1'-0"



F1 EAST CLASSROOM WING - SOUTH ELEVATION
1/8" = 1'-0"

F8 WALL BEHIND GREEN HOUSE
1/8" = 1'-0"



G1 EAST CLASSROOM WING - NORTH ELEVATION
1/8" = 1'-0"

KEY PLAN
1" = 100'-0"

EXTERIOR MATERIAL LEGEND

- S13 - BRICK VENEER WITH METAL STUD BACKUP
- S13a/S13b - ACCENT BRICK VENEER WITH METAL STUD BACKUP
- S13c - TEXTURED BRICK VENEER WITH METAL STUD BACKUP
- STONE BASE WITH METAL STUD BACKUP
- PRECAST CONCRETE WITH METAL STUD BACKUP
- S15 - CORRUGATED METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL (ACCENT COLOR 1) WITH METAL STUD BACKUP
- COMPOSITE METAL PANEL (ACCENT COLOR 2) AT WINDOW SURROUNDS
- ROOF SCREEN WITH PERFORATED CORRUGATED METAL PANEL
- S9/S9a- ROOF MEMBRANE (ON BRICK FOR S9a) WITH METAL STUD BACKUP
- TEMPERED TRIPLE GLAZING VISION GLASS
- WOOD-LOOK METAL CEILING / FASCIA

NOTE: ALL WINDOW AND CURTAIN WALL FRAME IN BRICK WALL ASSEMBLIES TO RECIEVE COLOR 1; ALL WINDOW AND CURTAIN WAL FRAME IN CORRUGATED OR COMPOSITE METAL PANEL ASSEMBLIES TO RECEIVE COLOR 2.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EXTERIOR ELEVATIONS - D WING

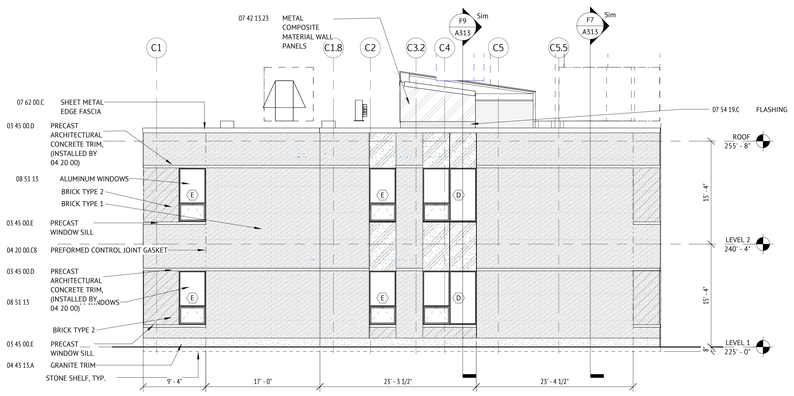
EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

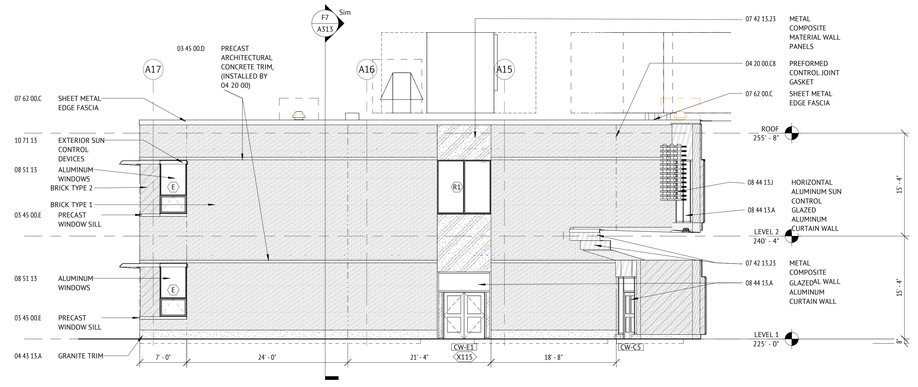
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	YJ
REVISIONS:	

DD SET

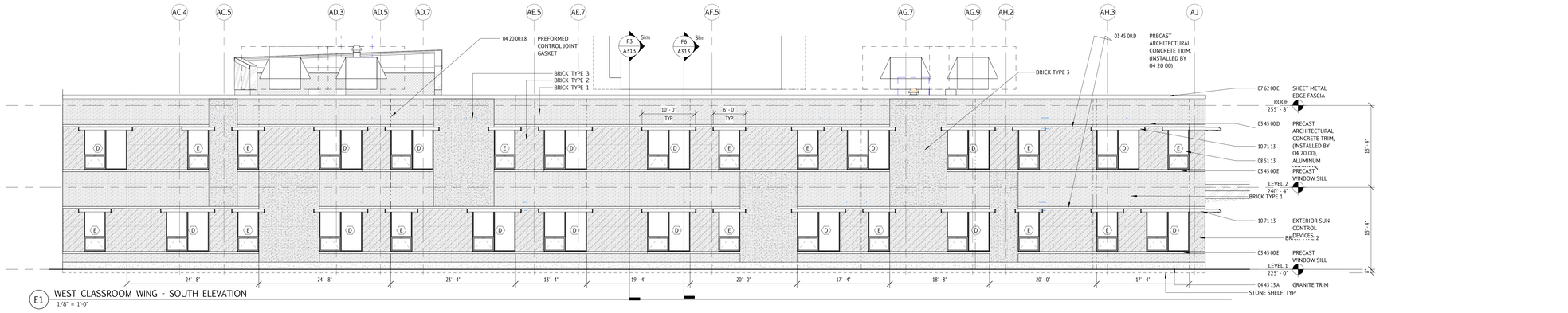
A204



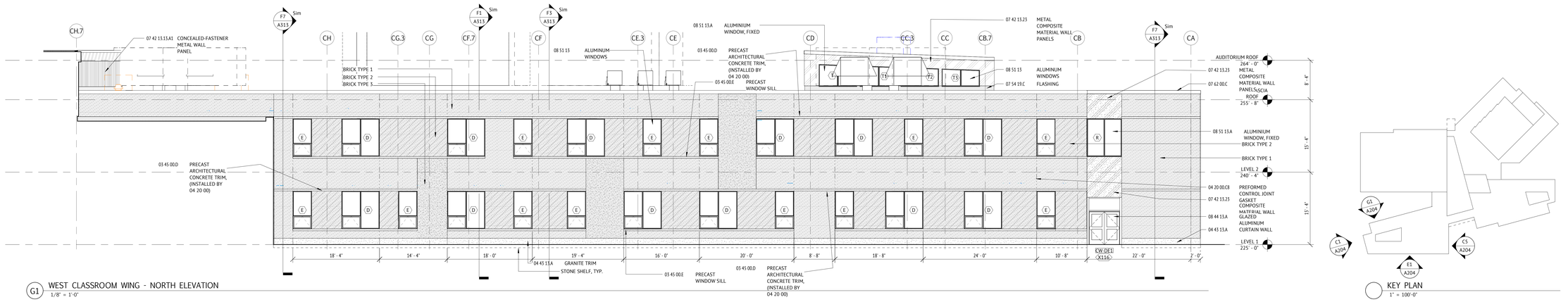
C1 WEST CLASSROOM WING - WEST ELEVATION
1/8" = 1'-0"



C5 WEST CLASSROOM WING - EAST ELEVATION
1/8" = 1'-0"



E1 WEST CLASSROOM WING - SOUTH ELEVATION
1/8" = 1'-0"



G1 WEST CLASSROOM WING - NORTH ELEVATION
1/8" = 1'-0"

KEY PLAN
1" = 100'-0"

EXTERIOR MATERIAL LEGEND

- S13 - BRICK VENEER WITH METAL STUD BACKUP
- S13a/S13b - ACCENT BRICK VENEER WITH METAL STUD BACKUP
- S13c - TEXTURED BRICK VENEER WITH METAL STUD BACKUP
- STONE BASE WITH METAL STUD BACKUP
- PRECAST CONCRETE WITH METAL STUD BACKUP
- S15 - CORRUGATED METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL WITH METAL STUD BACKUP
- S16 - COMPOSITE METAL PANEL (ACCENT COLOR 1) WITH METAL STUD BACKUP
- COMPOSITE METAL PANEL (ACCENT COLOR 2) AT WINDOW SURROUNDS
- ROOF SCREEN WITH PERFORATED CORRUGATED METAL PANEL
- S9/S9a- ROOF MEMBRANE (ON BRICK FOR S9a) WITH METAL STUD BACKUP
- TEMPERED TRIPLE GLAZING VISION GLASS
- WOOD-LOOK METAL CEILING / FASCIA

NOTE: ALL WINDOW AND CURTAIN WALL FRAME IN BRICK WALL ASSEMBLIES TO RECIEVE COLOR 1; ALL WINDOW AND CURTAIN WAL FRAME IN CORRUGATED OR COMPOSITE METAL PANEL ASSEMBLIES TO RECEIVE COLOR 2.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

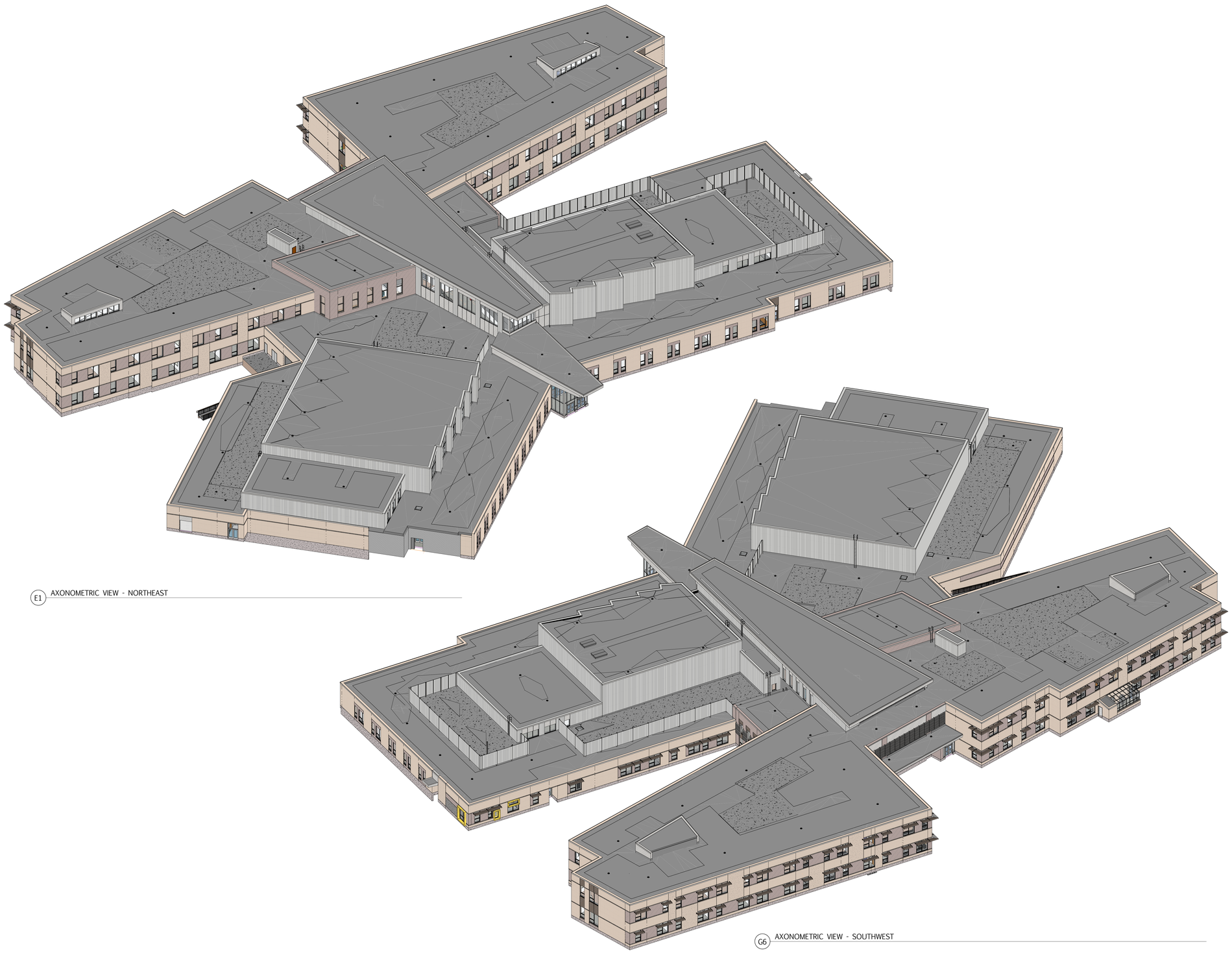
EXTERIOR ELEVATIONS - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	YJ
REVISIONS:	

DD SET

A205



E1 AXONOMETRIC VIEW - NORTHEAST

G6 AXONOMETRIC VIEW - SOUTHWEST

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

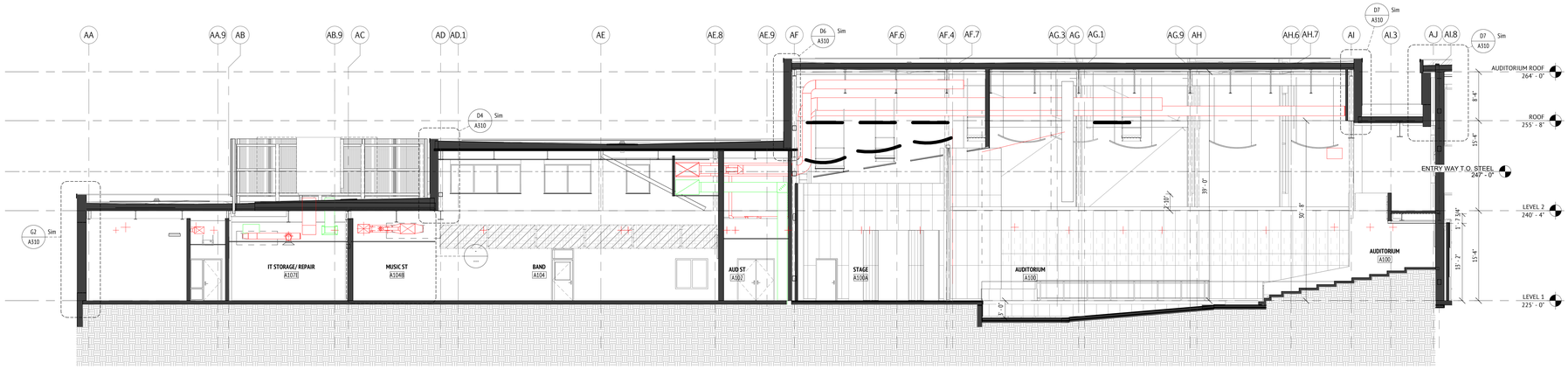
AXONOMETRIC VIEWS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

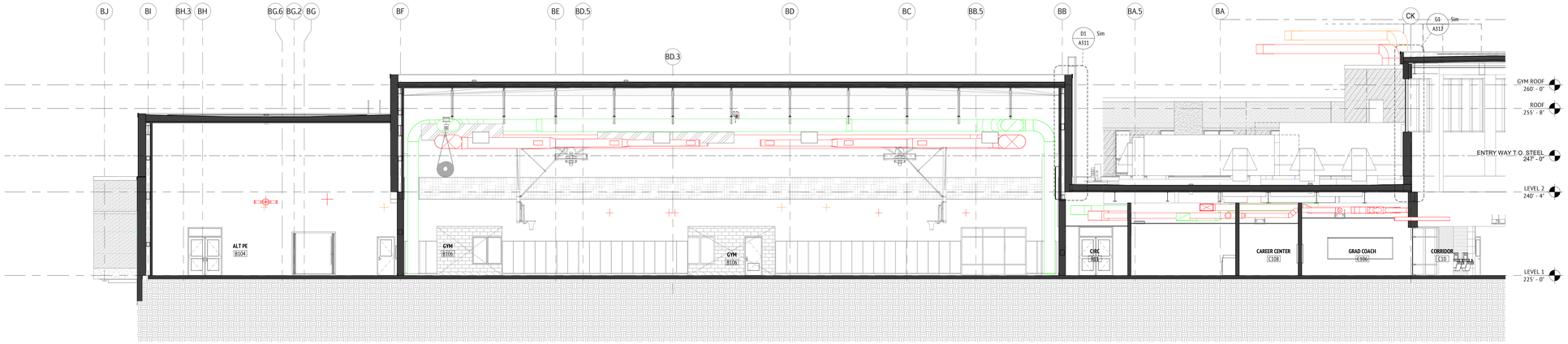
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	YJ
REVISIONS:	

DD SET

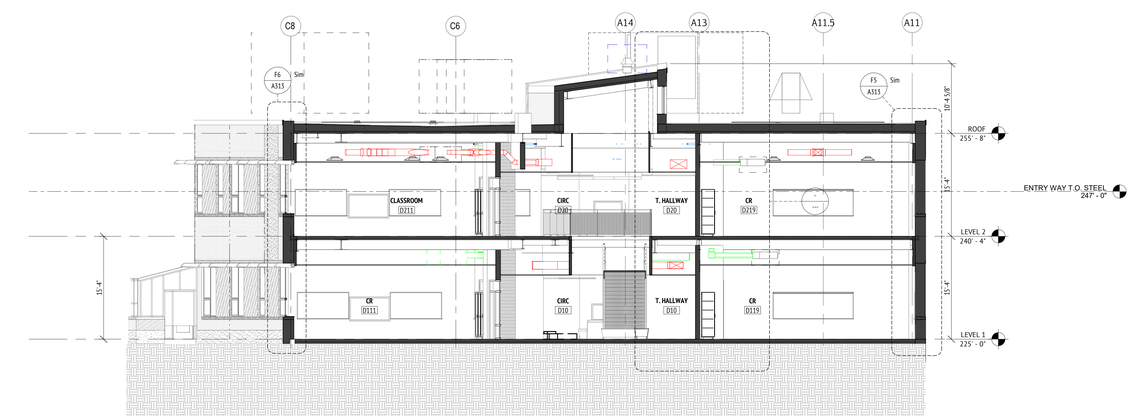
A210



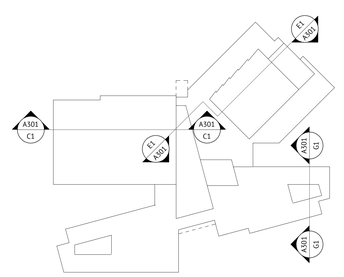
C1 EAST-WEST BUILDING SECTION ARTS WING
1/8" = 1'-0"



E1 BUILDING SECTION THROUGH FITNESS WING
1/8" = 1'-0"



G1 NORTH-SOUTH BUILDING SECTION CLASSROOM E
1/8" = 1'-0"



KEY PLAN
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EAST LONGMEADOW HIGH SCHOOL

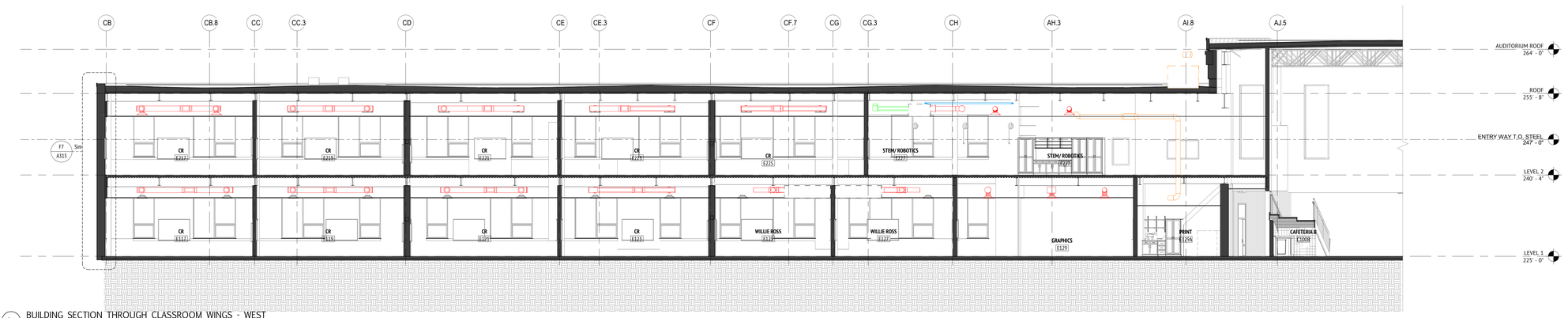
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

BUILDING SECTIONS - ARTS, FITNESS, AND EAST CLASSROOM WINGS

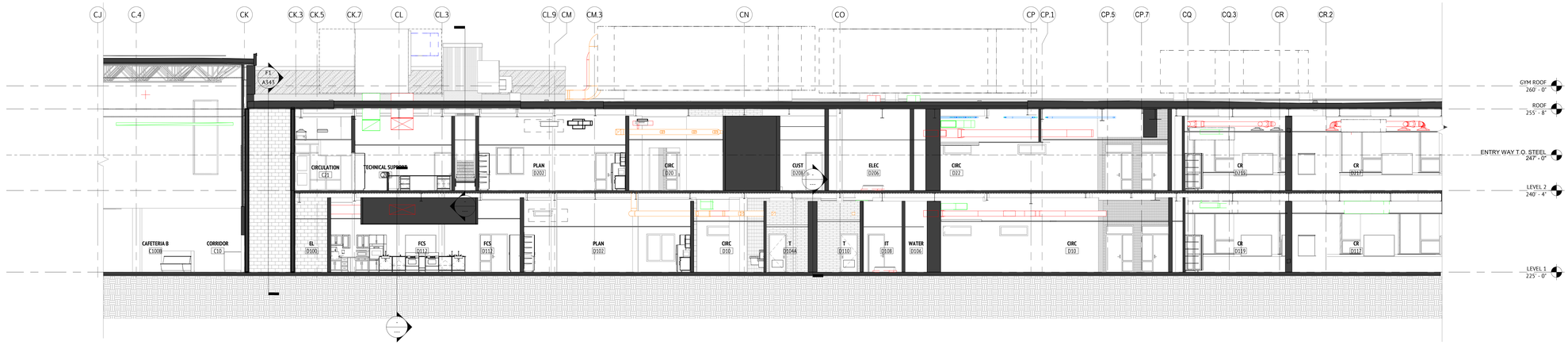
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	HS
REVISIONS:	

DD SET

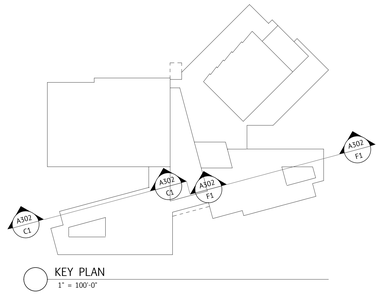
A301



C1 BUILDING SECTION THROUGH CLASSROOM WINGS - WEST
1/8" = 1'-0"



F1 BUILDING SECTION THROUGH CLASSROOM WINGS - EAST
1/8" = 1'-0"



KEY PLAN
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

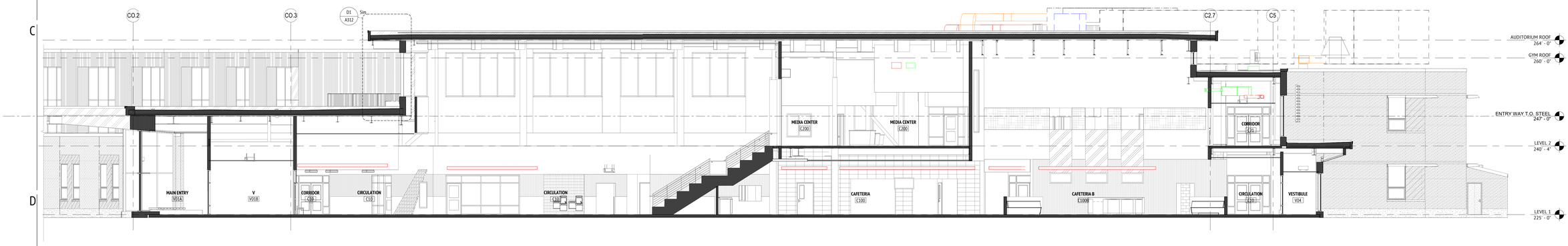
BUILDING SECTIONS - EAST AND WEST CLASSROOM WINGS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

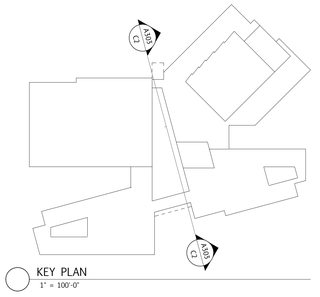
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	HS
REVISIONS:	

DD SET

A302



C2 NORTH-SOUTH BUILDING SECTION - NORTH
1/8" = 1'-0"



KEY PLAN
1" = 100'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

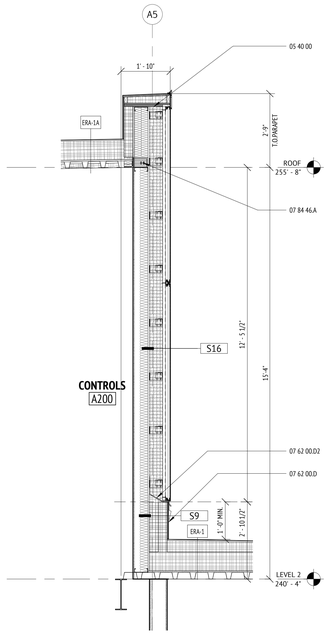
BUILDING SECTIONS - OVERALL

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

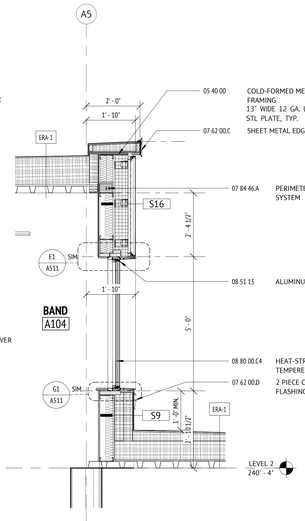
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	HS
REVISIONS:	

DD SET

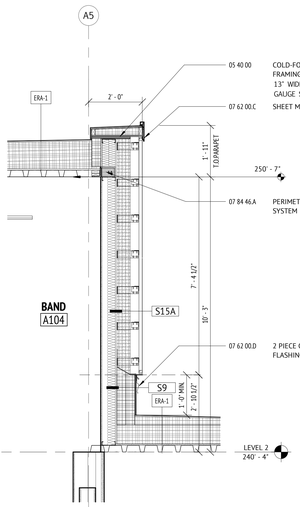
A303



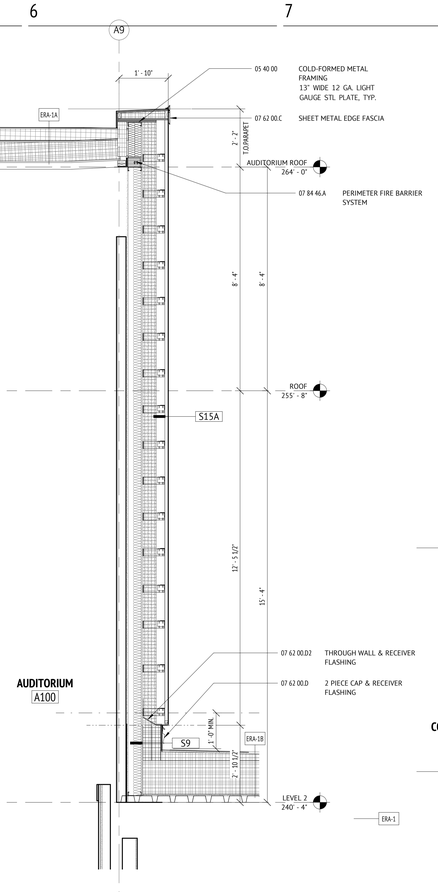
D1 ARTS WING - COL. A3 AT S16_AUDITORIUM
1/2" = 1'-0"



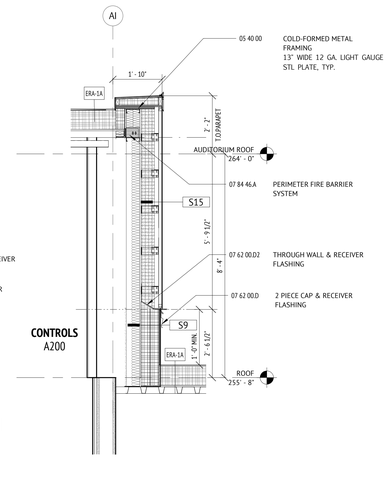
D2 ARTS WING - COL. A3 AT WINDOW_CHORUS
1/2" = 1'-0"



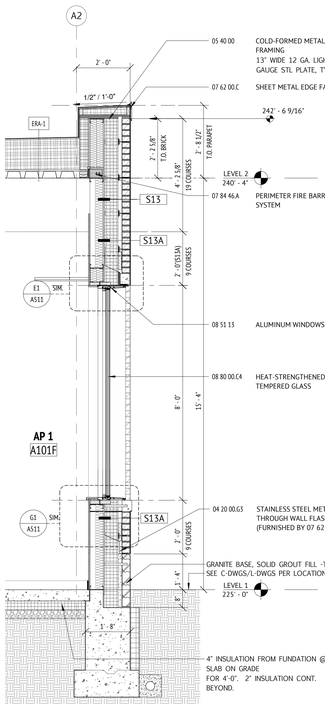
D4 ARTS WING - COL. A3 AT S16_CHORUS
1/2" = 1'-0"



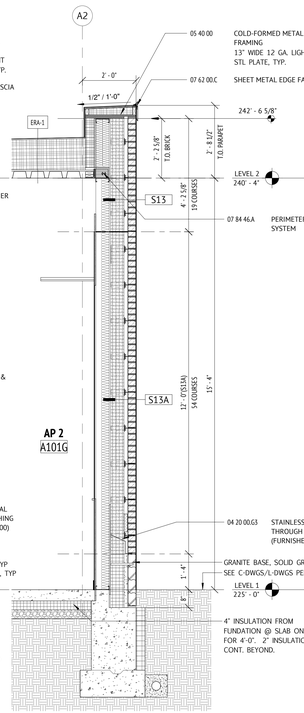
D6 ARTS WING - COL. A5 AT S15
1/2" = 1'-0"



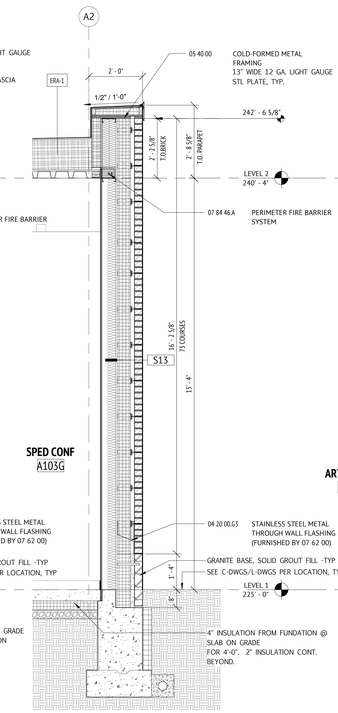
D7 ARTS WING - COL. AI AT AUDITORIUM
1/2" = 1'-0"



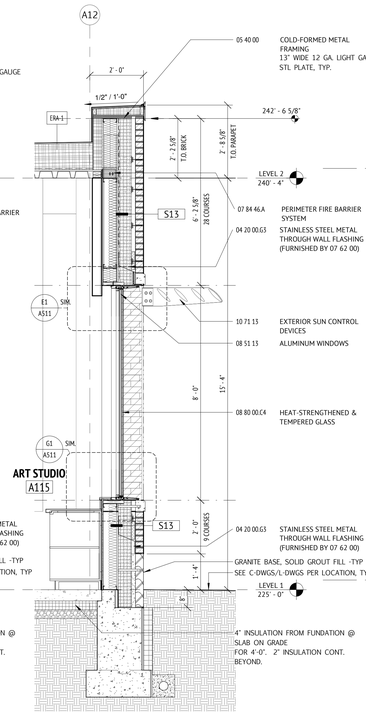
G1 ARTS WING - COL. A0.5 AT WINDOW
1/2" = 1'-0"



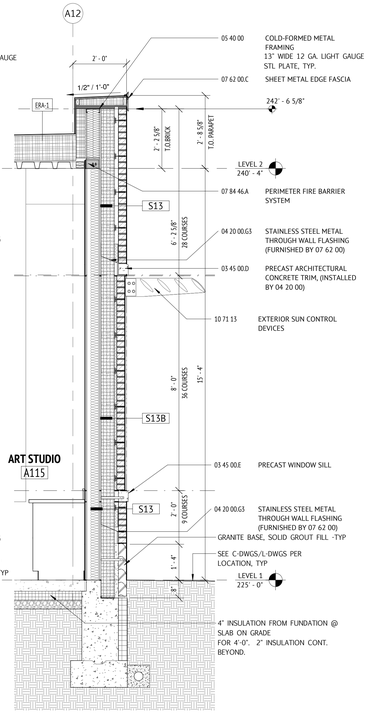
G2 ARTS WING - COL. 10.5 AT S13/S13a
1/2" = 1'-0"



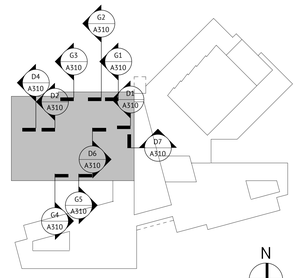
G3 ARTS WING - COL. 10.5 AT S13
1/2" = 1'-0"



G4 ARTS WING - COL. A7 AT WINDOW
1/2" = 1'-0"



G5 ARTS WING - COL. A7 AT S13/S13a
1/2" = 1'-0"



KEY PLAN - A WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

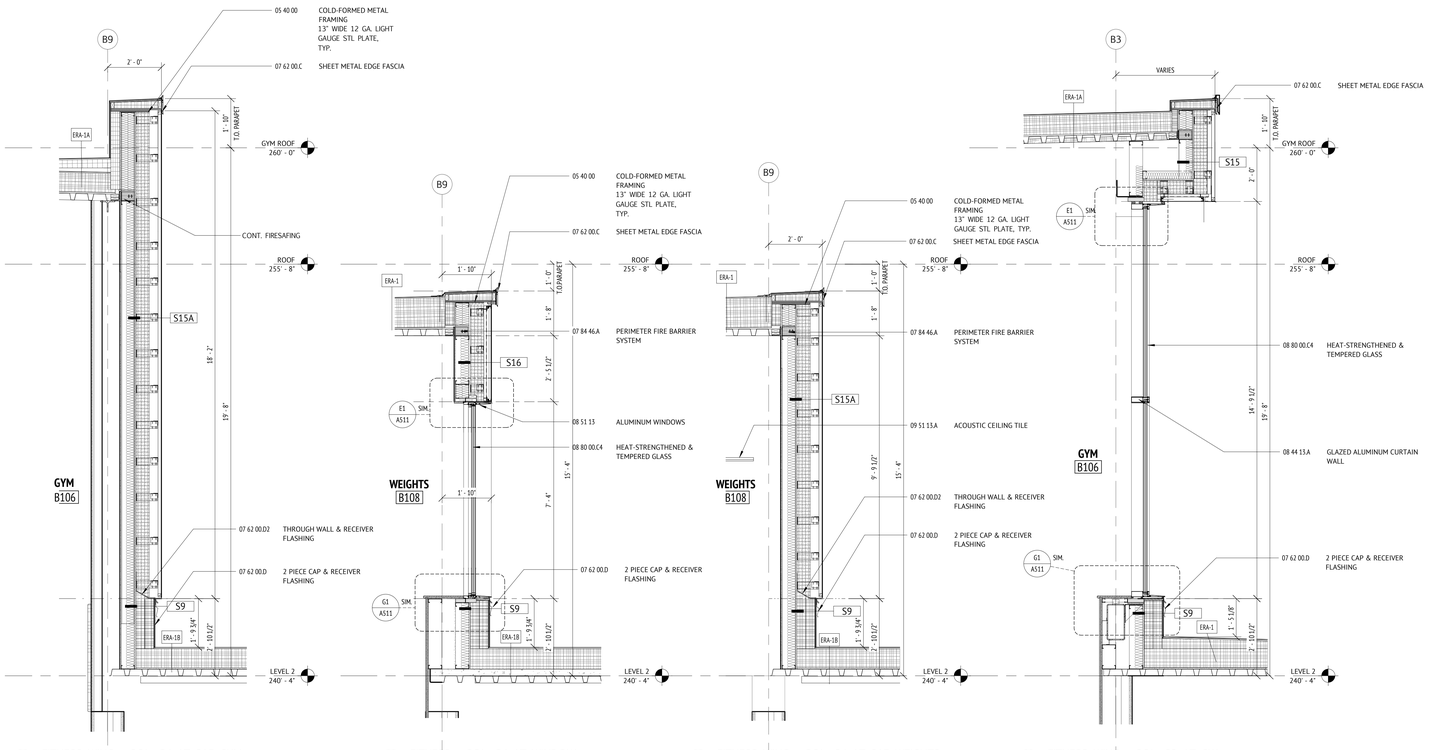
EXTERIOR WALL SECTIONS - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	HS
REVISIONS:	

DD SET

A310

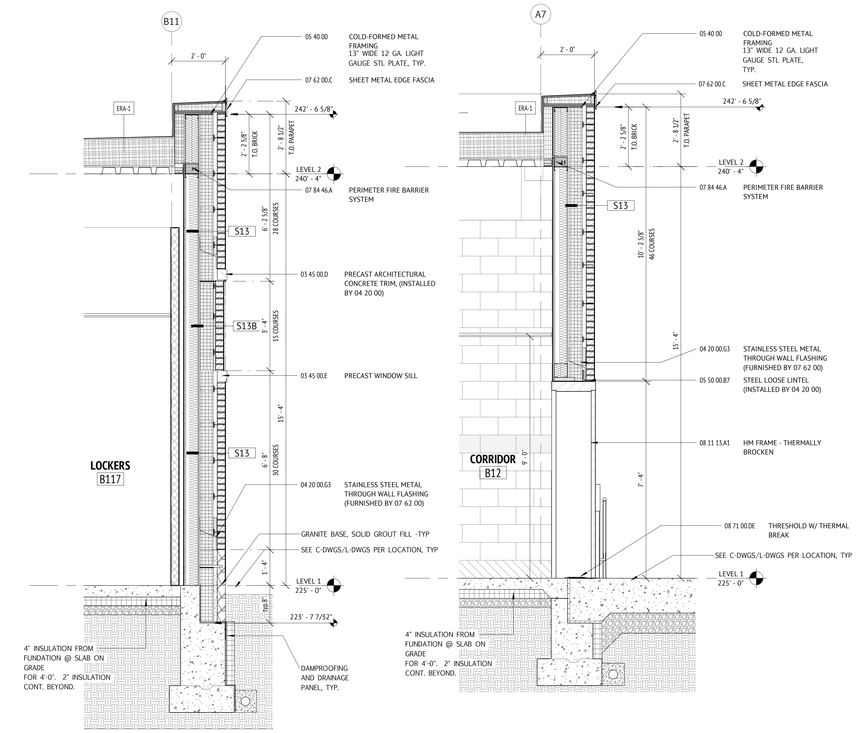


D1 FITNESS WING - COL. C4 AT S15_GYM
1/2" = 1'-0"

D3 FITNESS - COL. C4 AT WINDOW
1/2" = 1'-0"

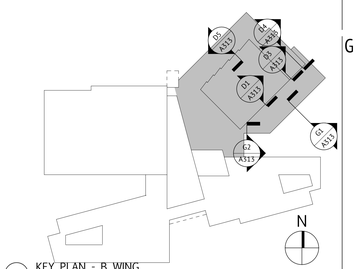
D4 FITNESS WING - COL. C4 AT S15_WEIGHTS
1/2" = 1'-0"

D5 FITNESS WING - COL. C3 AT CW
1/2" = 1'-0"



G1 FITNESS WING - COL. C5 AT S13/S13B
1/2" = 1'-0"

G2 FITNESS WING - COL. A4.1 AT HM DOOR
1/2" = 1'-0"



KEY PLAN - B WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

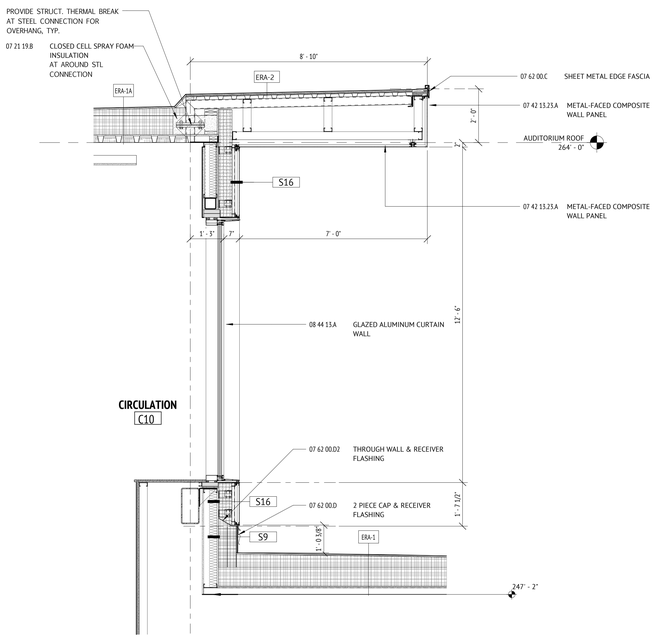
EXTERIOR WALL SECTIONS - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

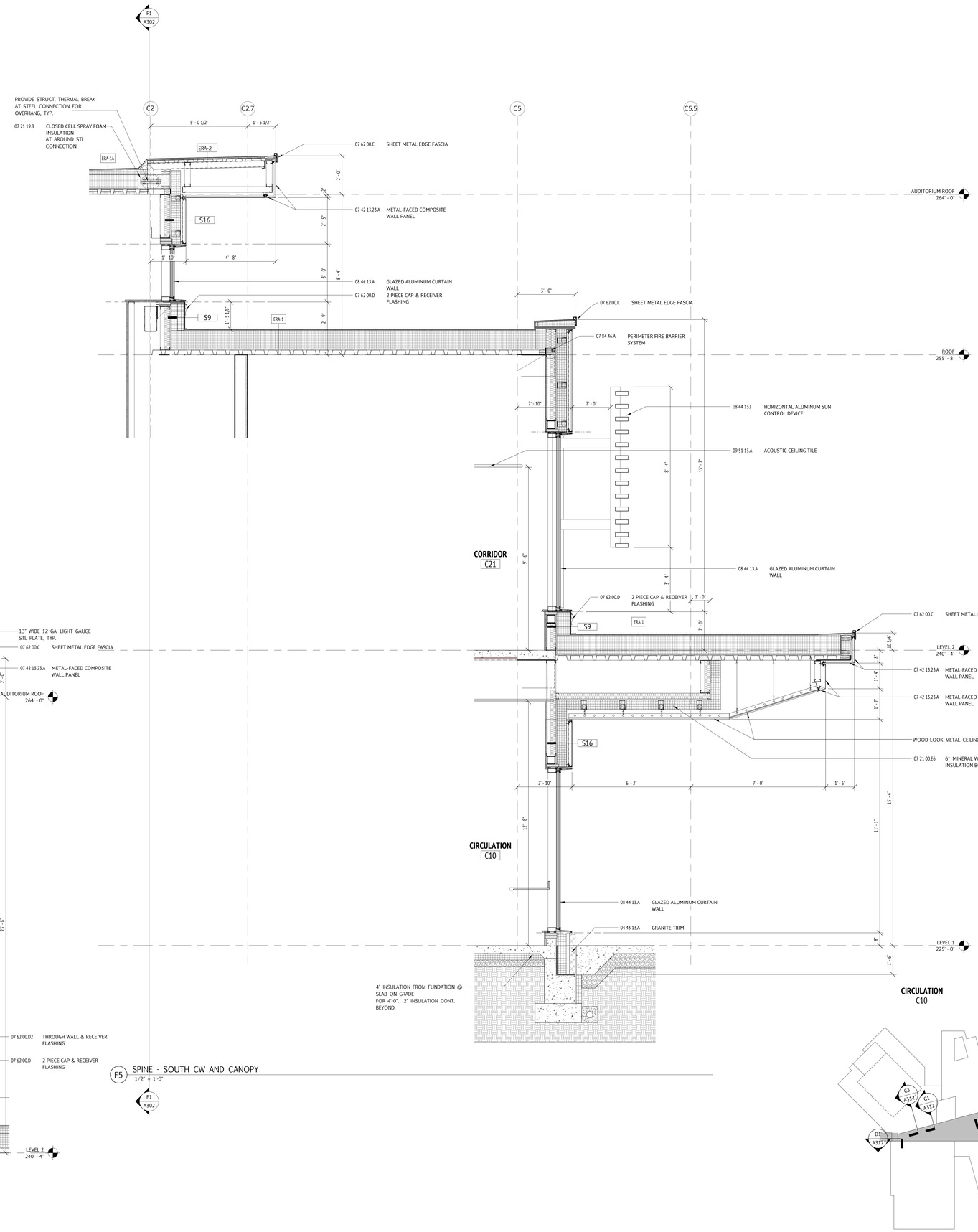
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	HS
REVISIONS:	

DD SET

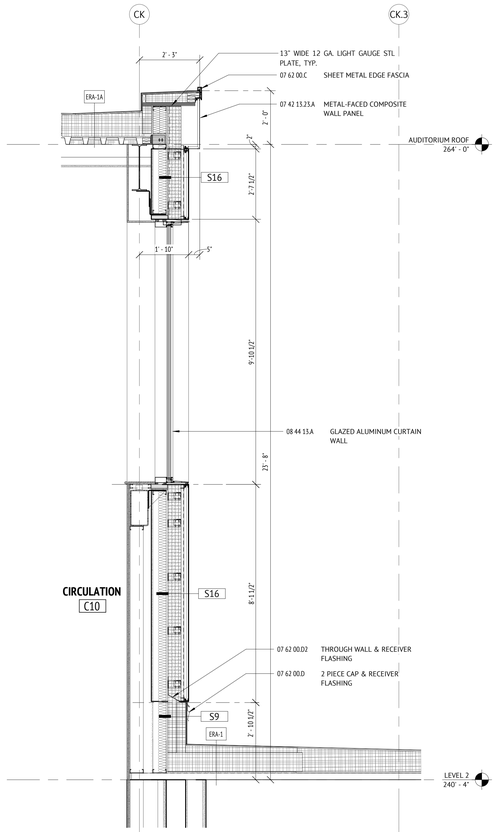
A311



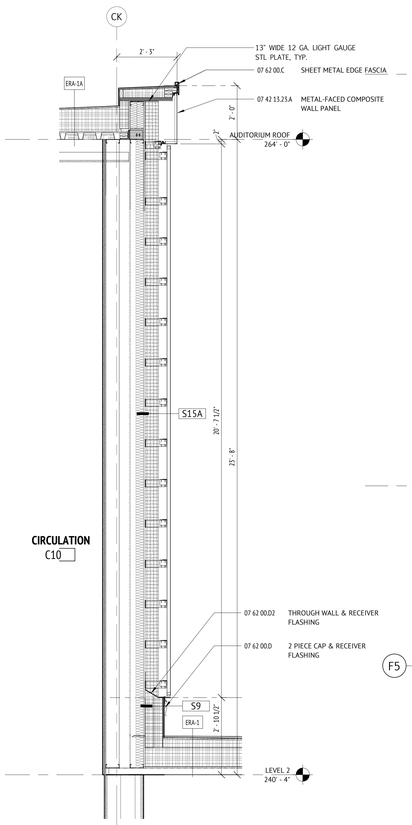
D1 SPINE - NORTH AT CW
1/2" = 1'-0"



F5 SPINE - SOUTH CW AND CANOPY
1/2" + 1'-0"



G1 SPINE - AT CLERESTORY CW
1/2" = 1'-0"



G3 SPINE - AT S15A
1/2" = 1'-0"

KEY PLAN - C SPINE
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EXTERIOR WALL SECTIONS - C SPINE

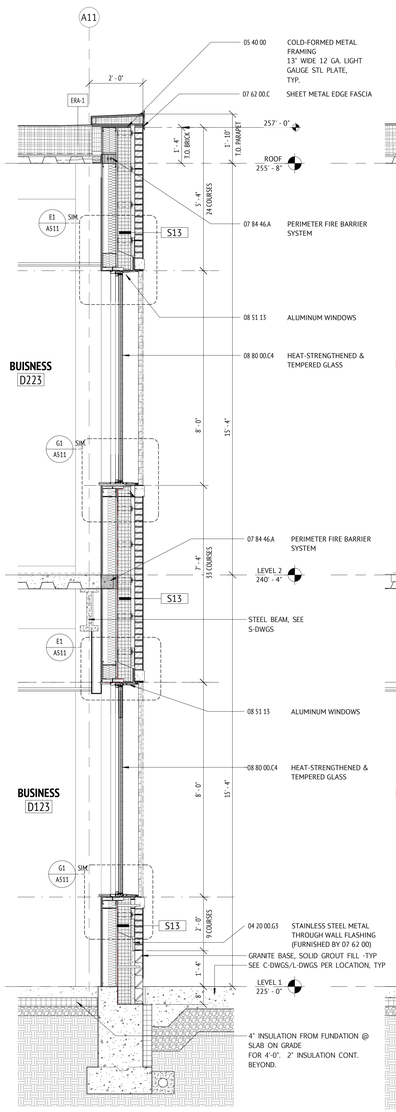
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	HS
REVISIONS:	

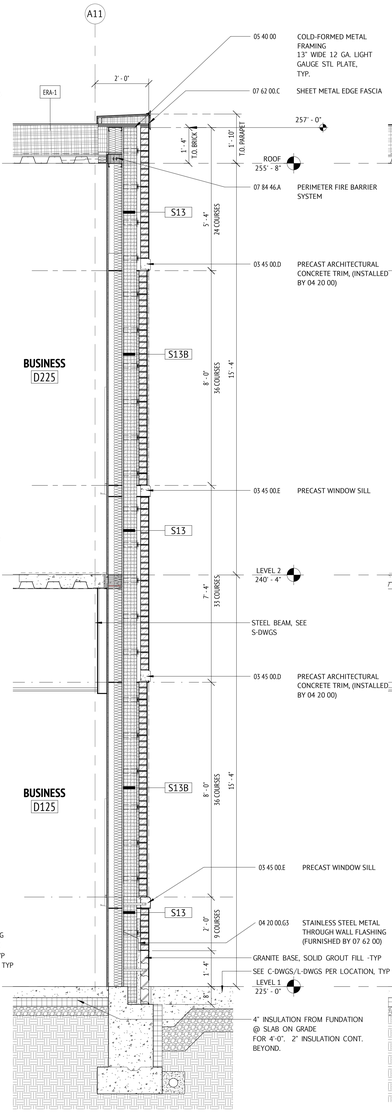
DD SET

A312

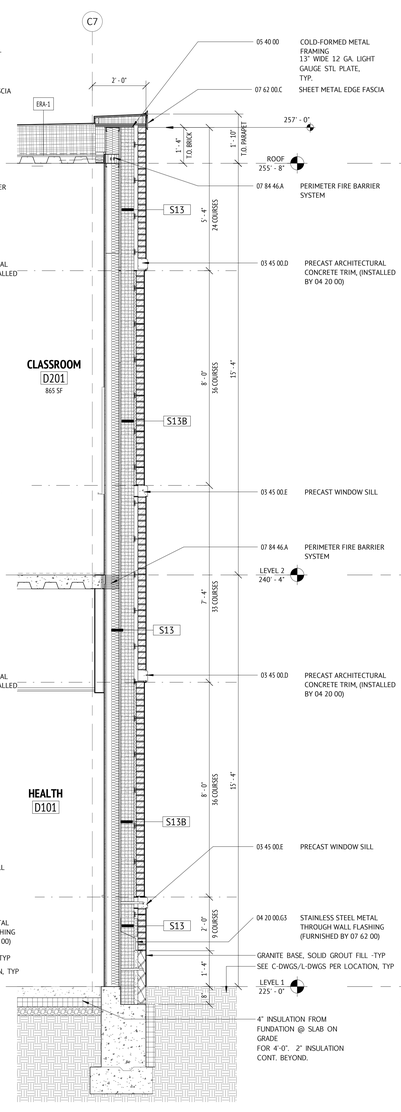
WALL SECTION NOTES:
FULL HEIGHT WALL SECTIONS FOR MAIN ELEVATIONS AND AT SPECIAL CONDITIONS. SHOW FOUNDATION AND PERIMETER TREATMENT, WALL CONSTRUCTION INCLUDING INSULATION AND SUPPORTING STRUCTURE, FENESTRATION AND MECHANICAL PENETRATION, AND FLOOR CONSTRUCTION.



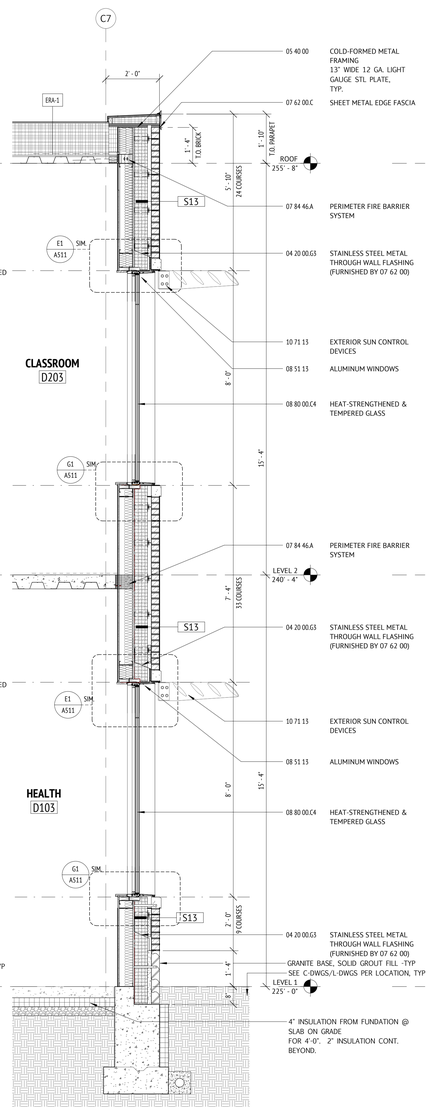
F1 CLASSROOM WING - AT WINDOWS
1/2" = 1'-0"



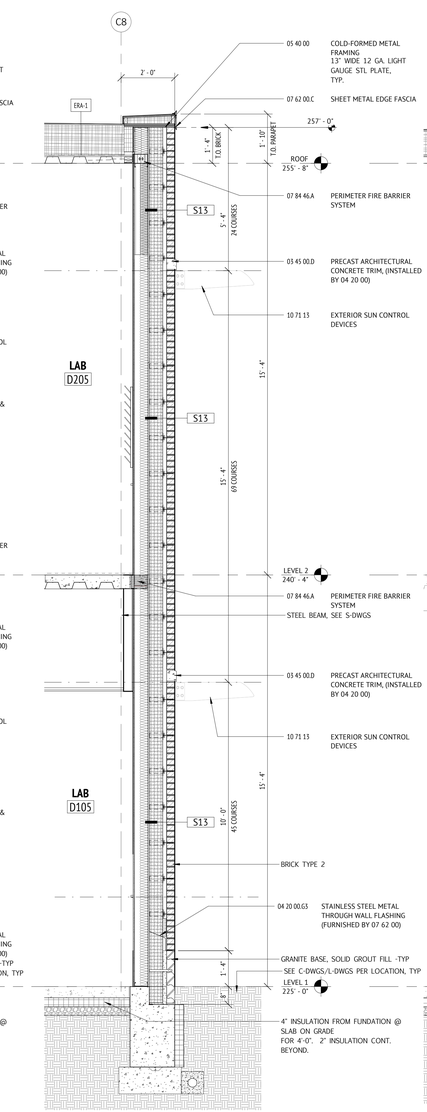
F3 CLASSROOM WING - AT S13/S13a
1/2" = 1'-0"



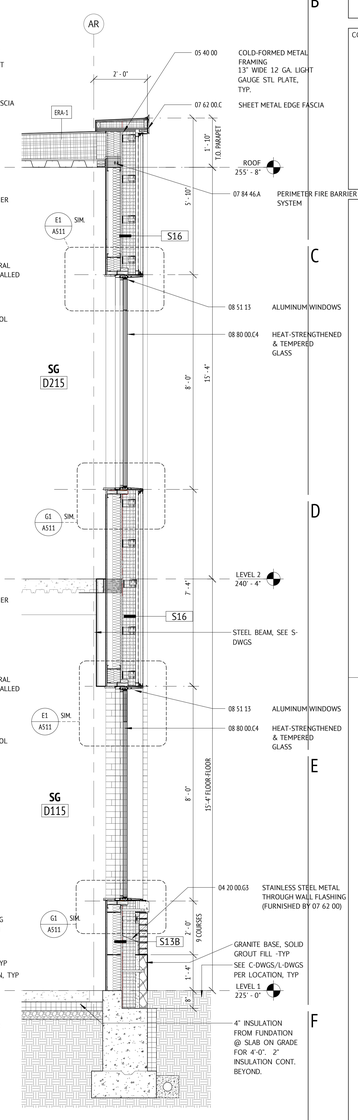
F5 CLASSROOM WING - AT S13/S13a W SUNSHADE
1/2" = 1'-0"



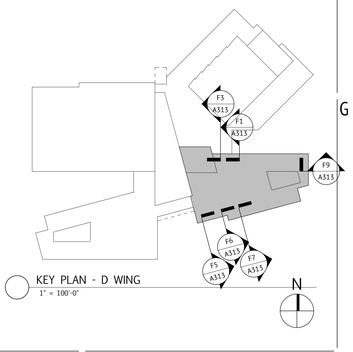
F6 CLASSROOM WING - AT WINDOW W/ SUNSHADE
1/2" = 1'-0"



F7 CLASSROOM WING - AT S13
1/2" = 1'-0"



F9 CLASSROOM WING - AT S16 AND WINDOWS
1/2" = 1'-0"



KEY PLAN - D WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

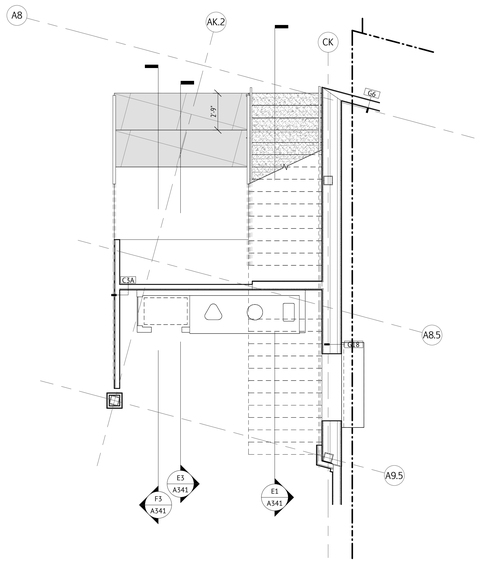
EXTERIOR WALL SECTIONS - D & E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

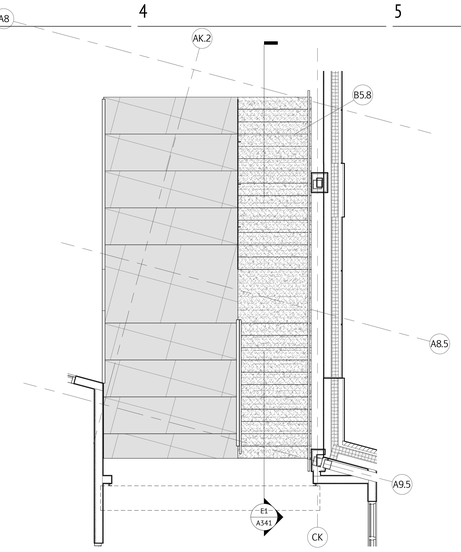
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	HS
REVISIONS:	

DD SET

A313



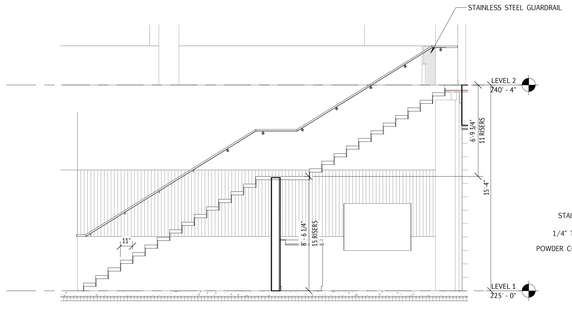
C1 LEARNING STAIR S101 - LEVEL 1
1/4" = 1'-0"



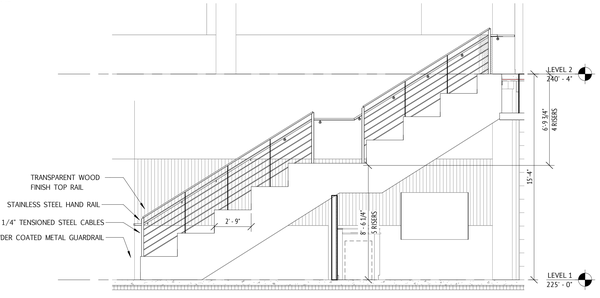
C3 LEARNING STAIR S101 - LEVEL 2
1/4" = 1'-0"



C6 LEARNING STAIR S101 - 3D VIEW



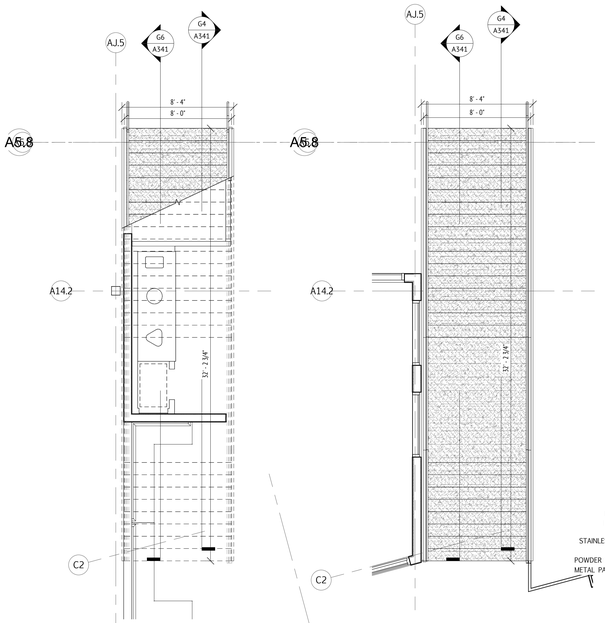
E1 LEARNING STAIR S101 - SECTION
1/4" = 1'-0"



E3 LEARNING STAIR S101 - SECTION AT SEATING
1/4" = 1'-0"

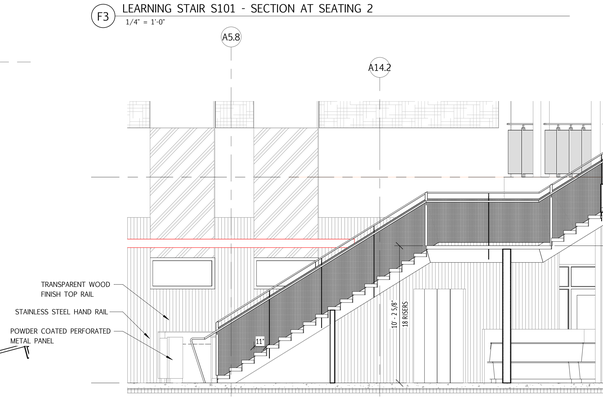


F6 S103 - 3D VIEW

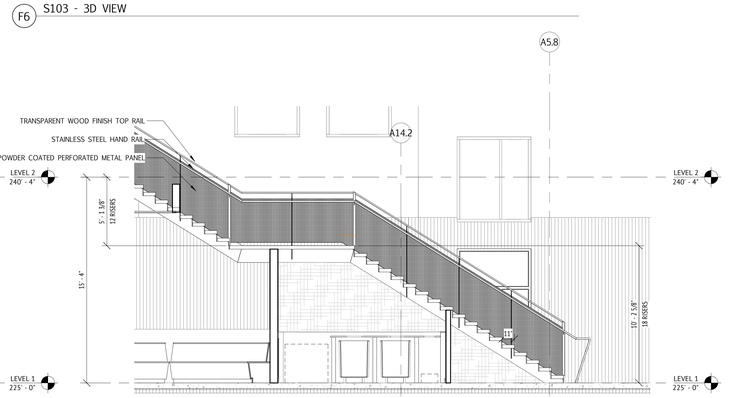


G1 STAIR S103 - LEVEL 1
1/4" = 1'-0"

G2 STAIR S203 - LEVEL 2
1/4" = 1'-0"



G4 STAIR S103 - SECTION
1/4" = 1'-0"



G6 STAIR S103 - SECTION 2
1/4" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

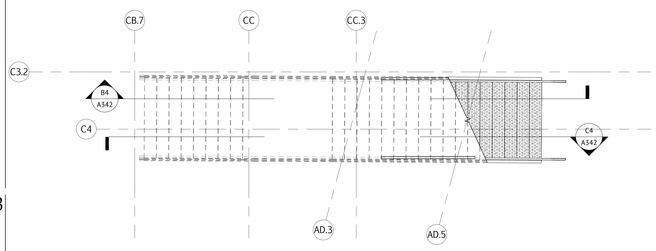
STAIR DETAILS - SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

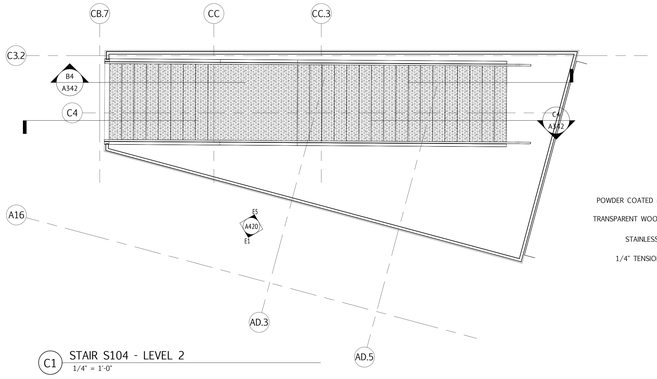
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

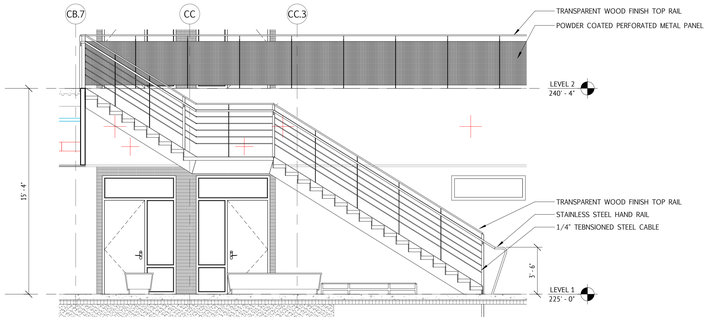
A341



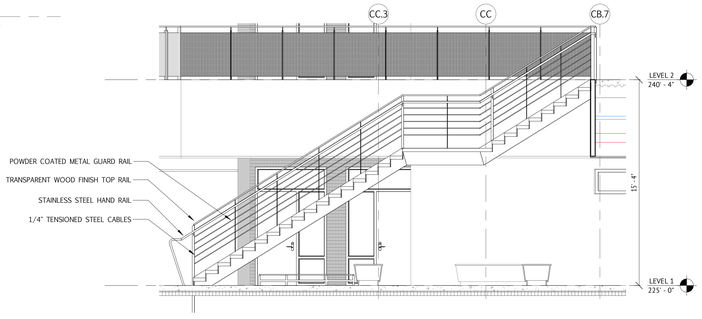
B1 STAIR S104 - LEVEL 1
1/4" = 1'-0"



C1 STAIR S104 - LEVEL 2
1/4" = 1'-0"



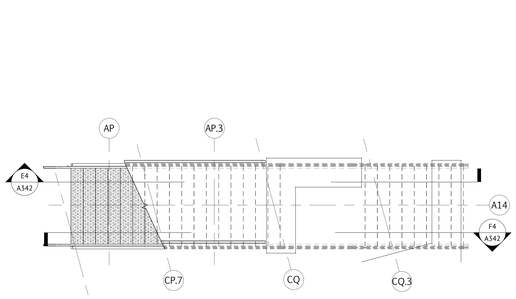
B4 STAIR S104 - SECTION
1/4" = 1'-0"



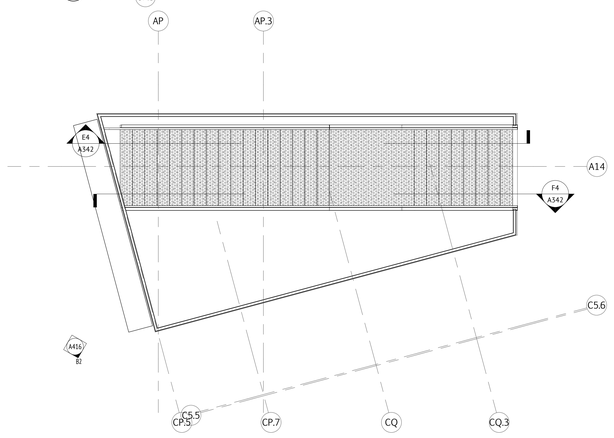
C4 STAIR S104 - SECTION 2
1/4" = 1'-0"



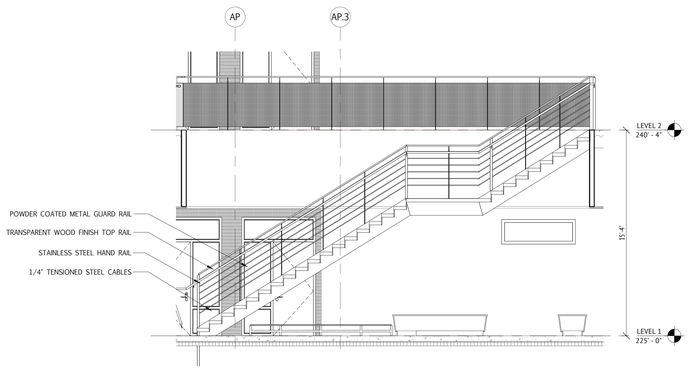
C7 STAIR S104 - 3D VIEW



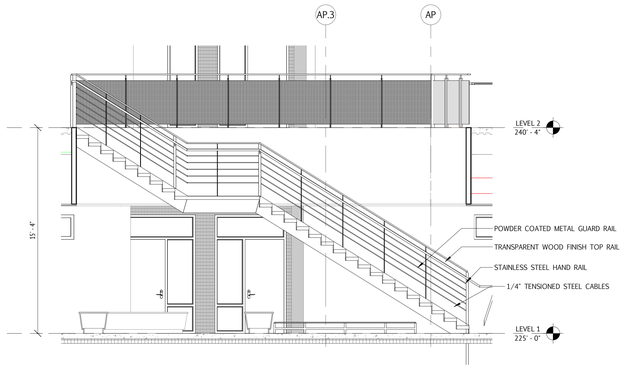
E1 STAIR S102 - LEVEL 1
1/4" = 1'-0"



F1 STAIR S102 - LEVEL 2
1/4" = 1'-0"



E4 STAIR S102 - SECTION 1
1/4" = 1'-0"



F4 STAIR S102 - SECTION 2
1/4" = 1'-0"



F7 STAIR S102 - 3D VIEW

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

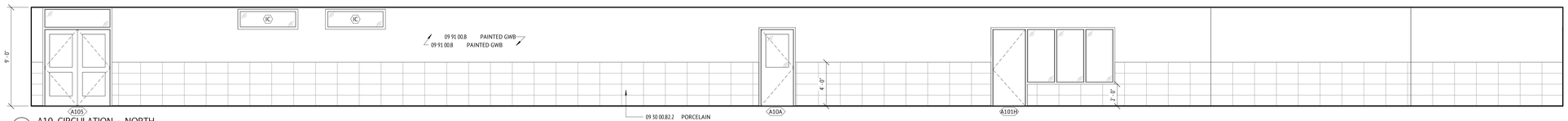
STAIR DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

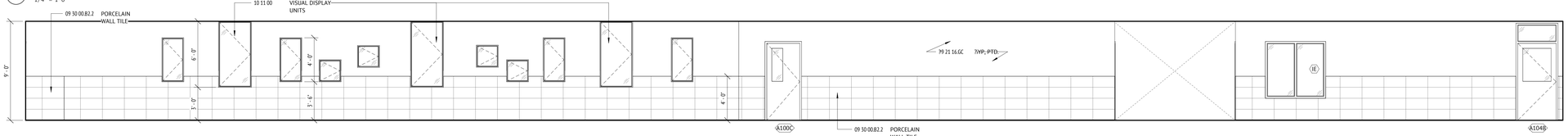
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

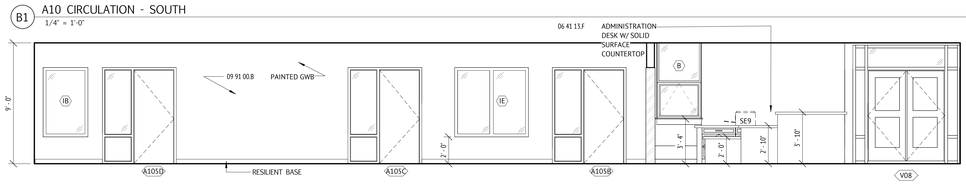
A342



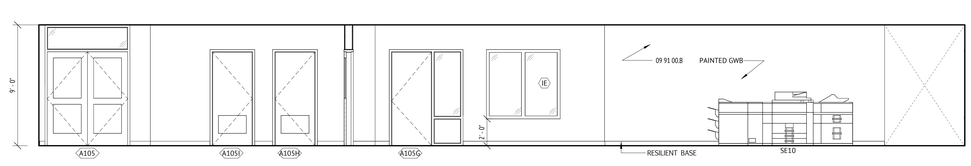
A1 A10 CIRCULATION - NORTH
1/4" = 1'-0"



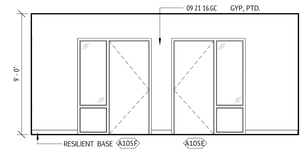
B1 A10 CIRCULATION - SOUTH
1/4" = 1'-0"



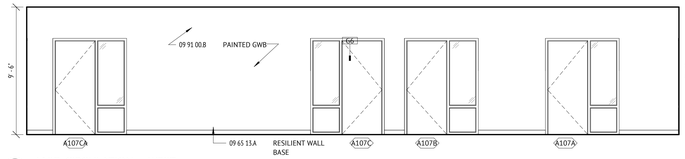
C1 A105 CIRCULATION - NORTH
1/4" = 1'-0"



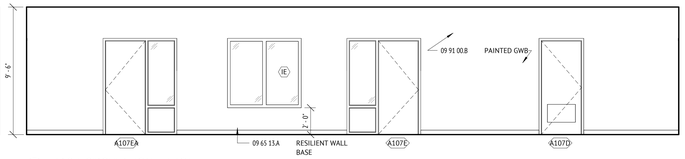
C5 A105 CIRCULATION - SOUTH
1/4" = 1'-0"



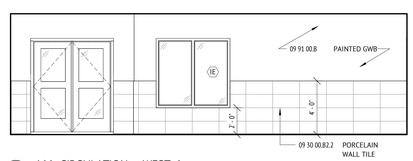
D1 A105 CIRCULATION - WEST
1/4" = 1'-0"



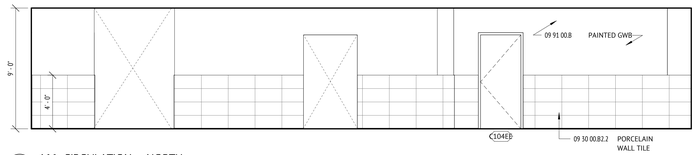
D2 A107 CIRCULATION - WEST
1/4" = 1'-0"



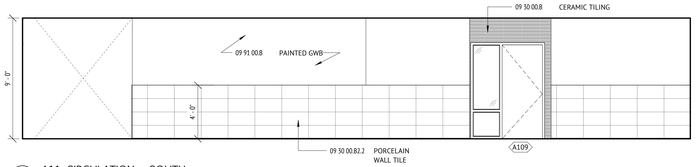
D5 A107 CIRCULATION - EAST
1/4" = 1'-0"



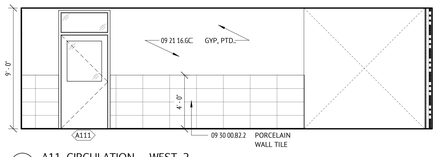
D7 A11 CIRCULATION - WEST 1
1/4" = 1'-0"



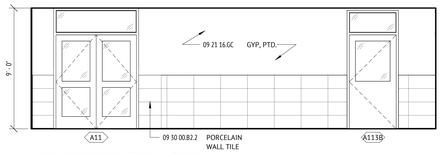
E1 A11 CIRCULATION - NORTH
1/4" = 1'-0"



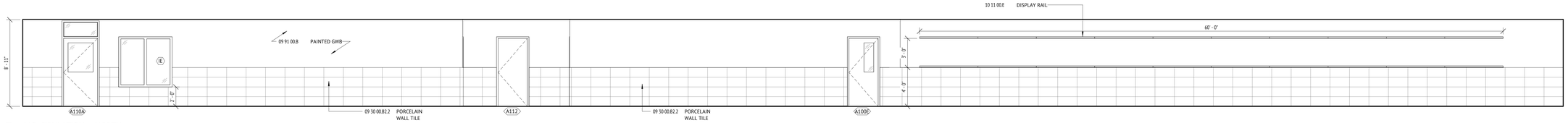
E4 A11 CIRCULATION - SOUTH
1/4" = 1'-0"



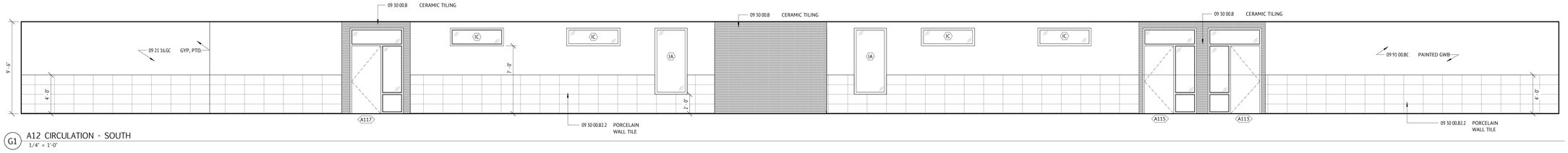
E6 A11 CIRCULATION - WEST 2
1/4" = 1'-0"



E7 A11 CIRCULATION - EAST
1/4" = 1'-0"



F1 A12 CIRULATION - NORTH
1/4" = 1'-0"



G1 A12 CIRCULATION - SOUTH
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

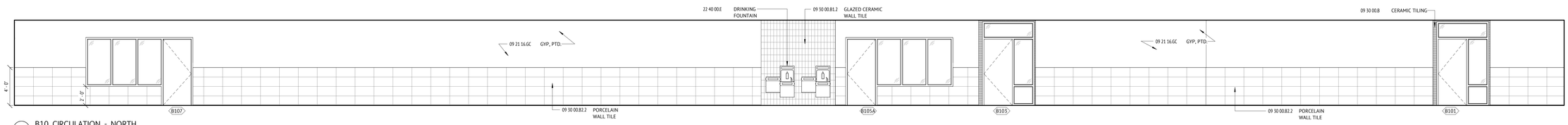
INTERIOR ELEVATIONS - A WING CIRCULATION

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

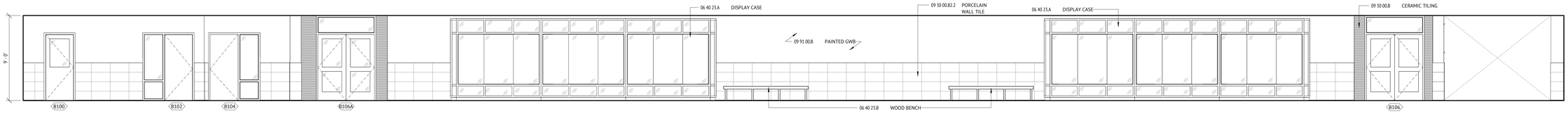
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

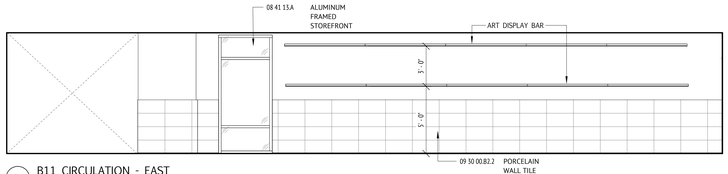
A400



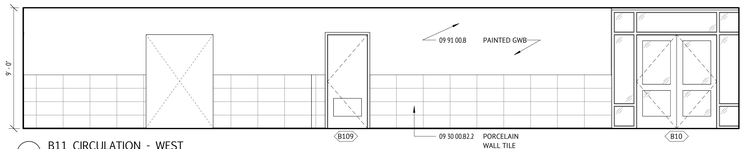
A1 B10 CIRCULATION - NORTH
1/4" = 1'-0"



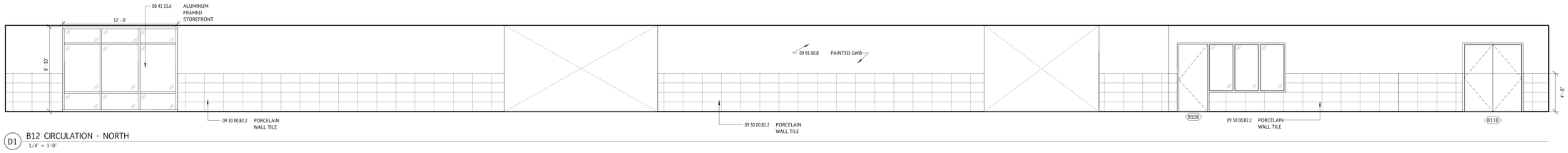
B1 B10 CIRCULATION - SOUTH
1/4" = 1'-0"



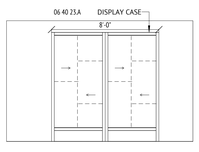
C1 B11 CIRCULATION - EAST
1/4" = 1'-0"



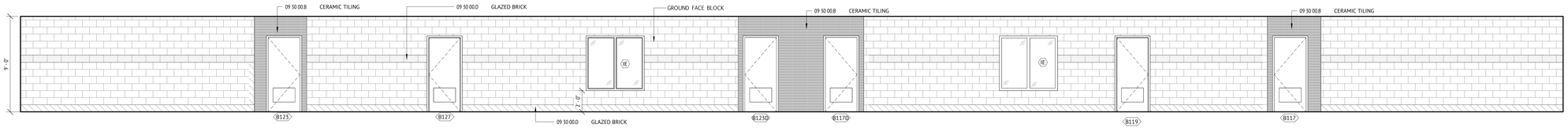
C4 B11 CIRCULATION - WEST
1/4" = 1'-0"



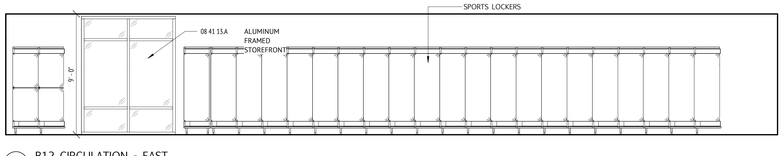
D1 B12 CIRCULATION - NORTH
1/4" = 1'-0"



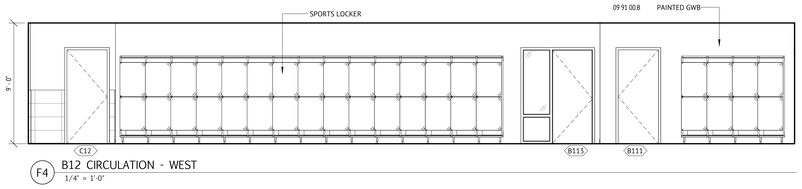
E1 V02 VESTIBULE - NORTH
1/4" = 1'-0"



E2 B12 CIRCULATION - SOUTH
1/4" = 1'-0"



F1 B12 CIRCULATION - EAST
1/4" = 1'-0"



F4 B12 CIRCULATION - WEST
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

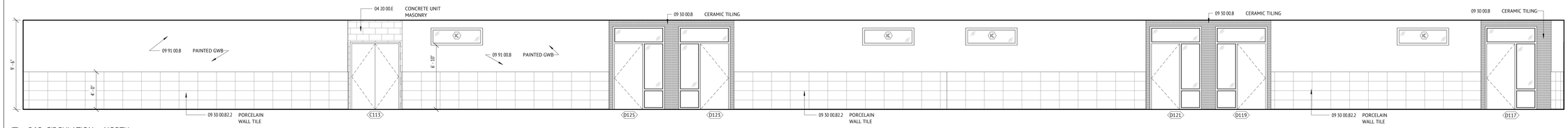
INTERIOR ELEVATIONS- B WING CIRCULATION

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

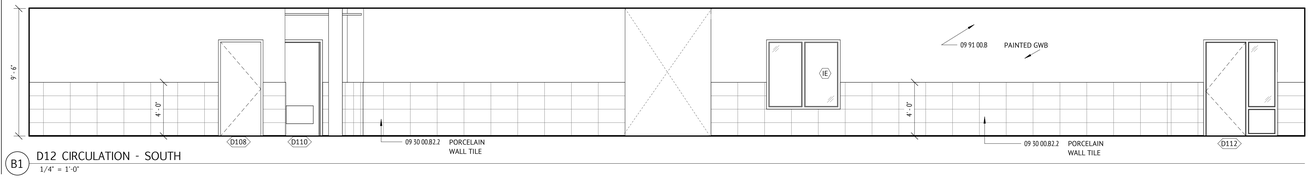
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

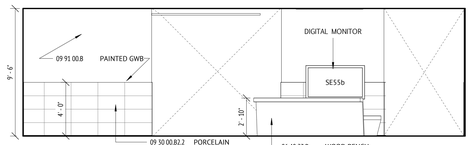
A401



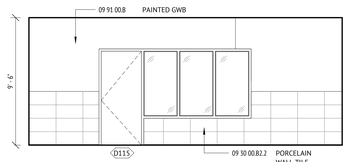
A1 D12 CIRCULATION - NORTH
1/4" = 1'-0"



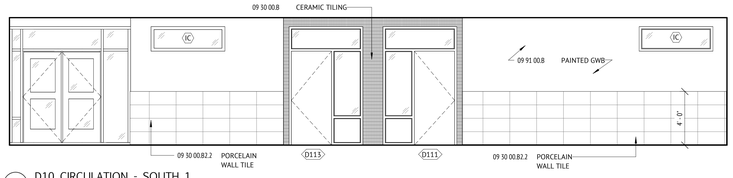
B1 D12 CIRCULATION - SOUTH
1/4" = 1'-0"



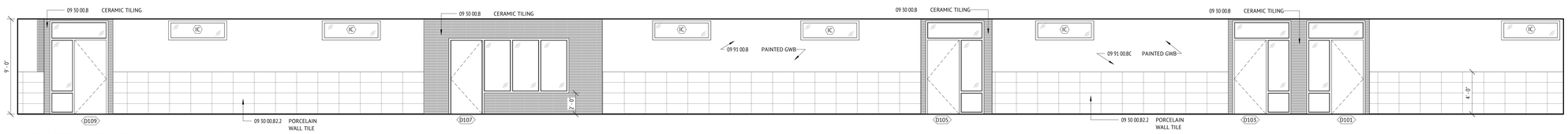
B6 D WING - HALL BENCH
1/4" = 1'-0"



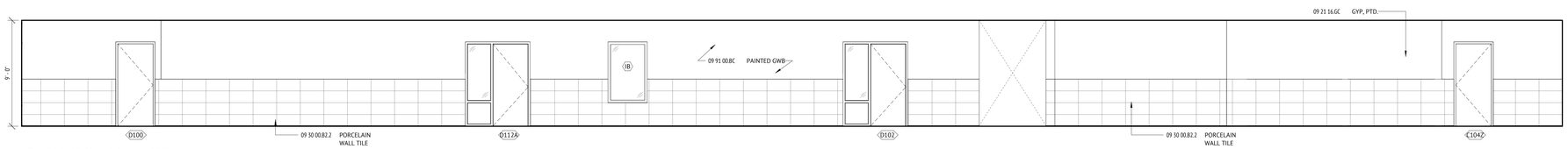
C1 D10 CIRCULATION - EAST
1/4" = 1'-0"



C2 D10 CIRCULATION - SOUTH 1
1/4" = 1'-0"



D1 D10 CIRCULATION - SOUTH
1/4" = 1'-0"



E1 D10 CIRCULATION - NORTH
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

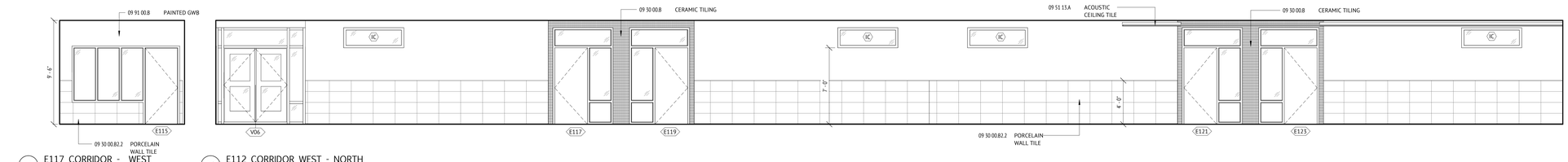
INTERIOR ELEVATIONS- D WING CIRCULATION

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

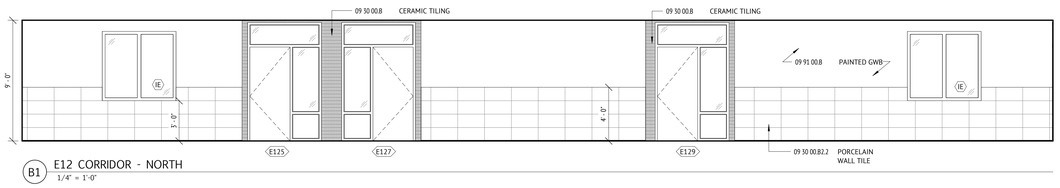
DD SET

A402

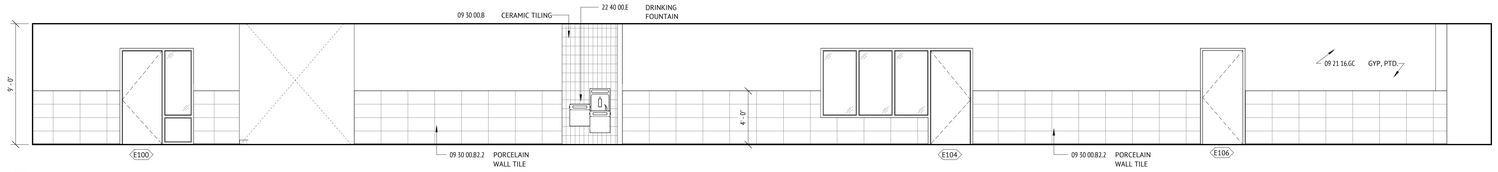


A1 E117 CORRIDOR - WEST
1/4" = 1'-0"

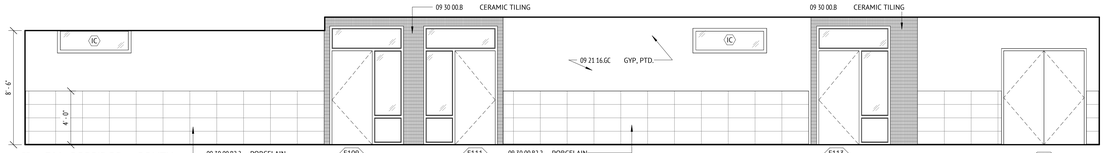
A2 E112 CORRIDOR WEST - NORTH
1/4" = 1'-0"



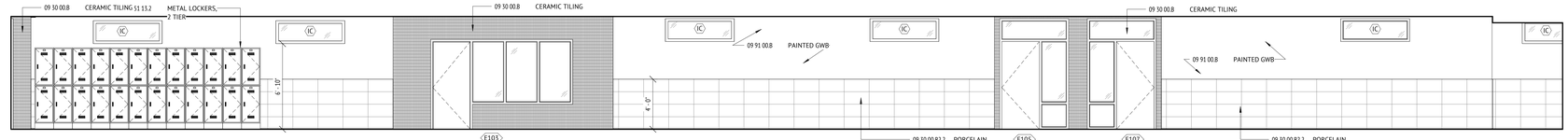
B1 E12 CORRIDOR - NORTH
1/4" = 1'-0"



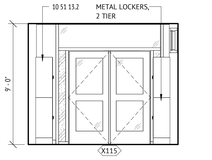
C1 E12 CORRIDOR - SOUTH
1/4" = 1'-0"



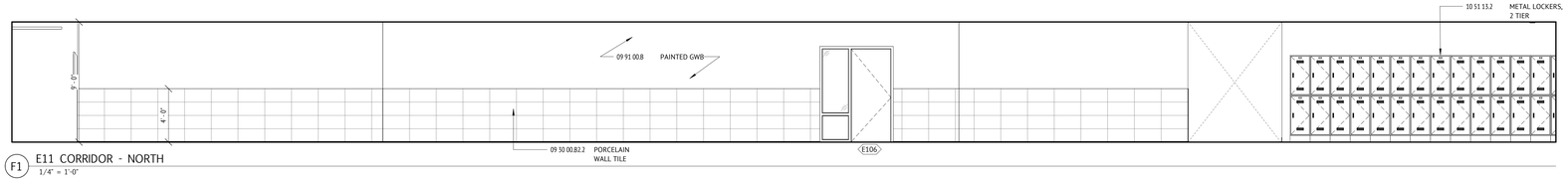
D1 E11 CORRIDOR - SOUTH
1/4" = 1'-0"



E1 E11 CORRIDOR SOUTHEAST
1/4" = 1'-0"



F7 E11 CORRIDOR - EAST
1/4" = 1'-0"



F1 E11 CORRIDOR - NORTH
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

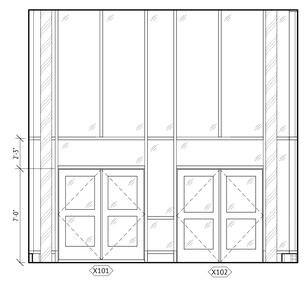
INTERIOR ELEVATIONS - E WING CIRCULATION

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

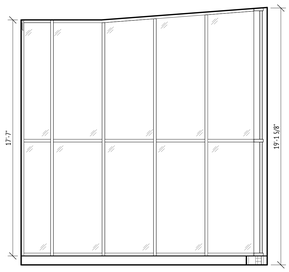
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

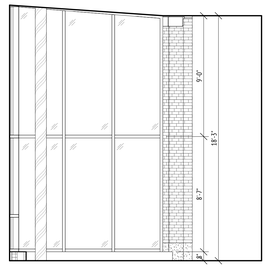
A403



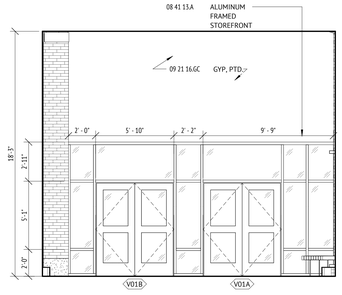
B1 V01A MAIN ENTRY - NORTH
1/4" = 1'-0"



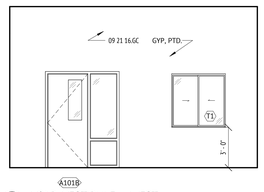
B2 V01A MAIN ENTRY - WEST
1/4" = 1'-0"



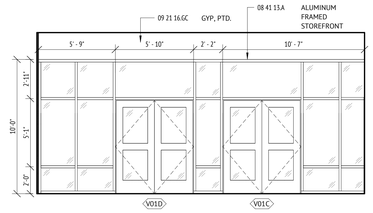
B3 V01A MAIN ENTRY - EAST
1/4" = 1'-0"



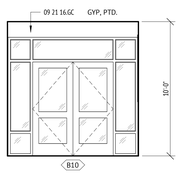
B4 V01A MAIN ENTRY - SOUTH
1/4" = 1'-0"



B6 V01B VESTIBULE - WEST
1/4" = 1'-0"



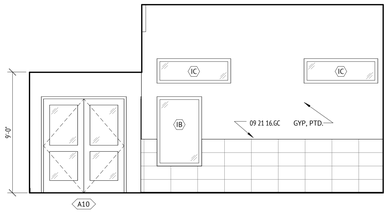
B7 V01B VESTIBULE - SOUTH
1/4" = 1'-0"



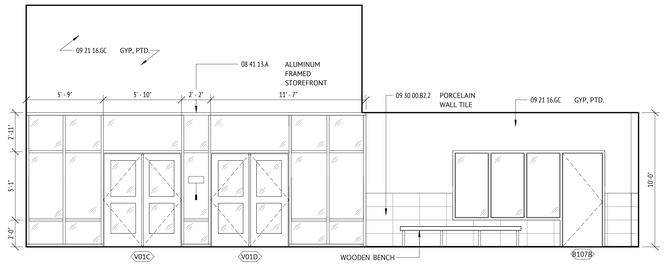
C1 C10 CIRCULATION - EAST
1/4" = 1'-0"



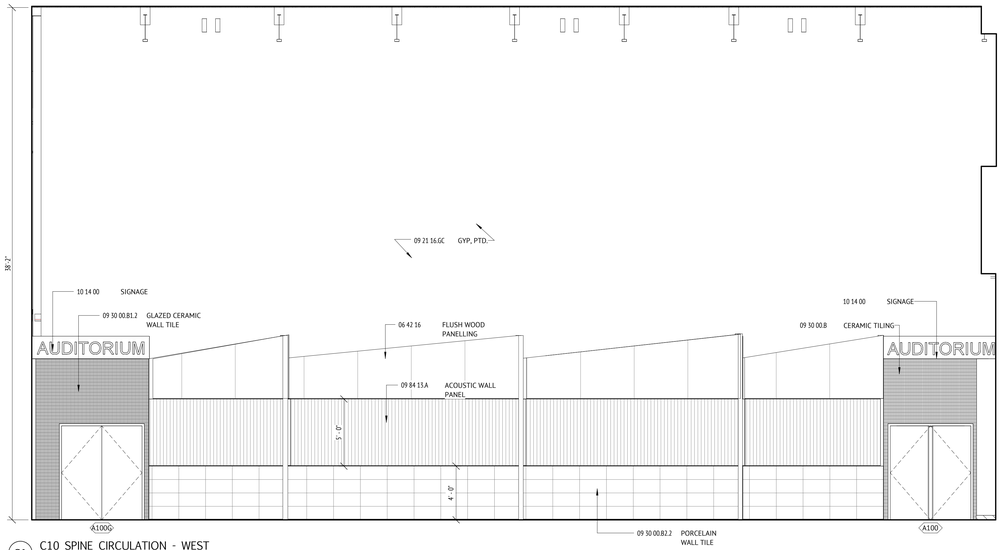
C2 C10 CIRCULATION - SOUTH
1/4" = 1'-0"



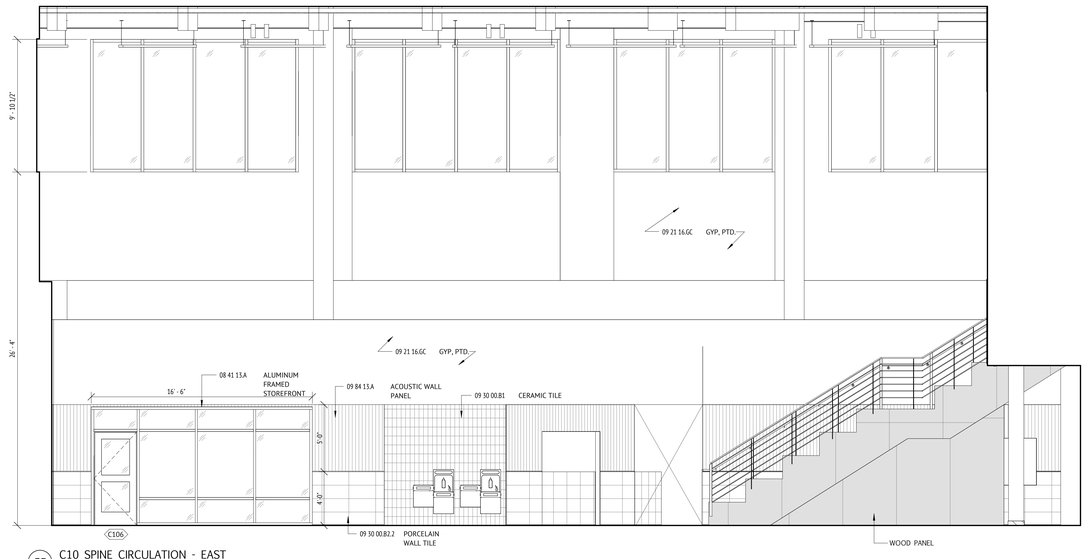
D1 C10 ENTRANCE CIRCULATION - WEST
1/4" = 1'-0"



D3 C10 LOBBY CIRCULATION - NORTH
1/4" = 1'-0"



G1 C10 SPINE CIRCULATION - WEST
1/4" = 1'-0"



G5 C10 SPINE CIRCULATION - EAST
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

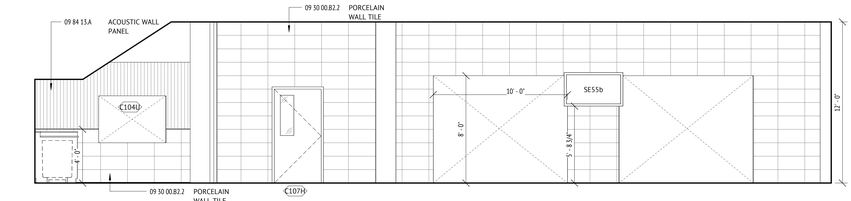
INTERIOR ELEVATIONS- SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

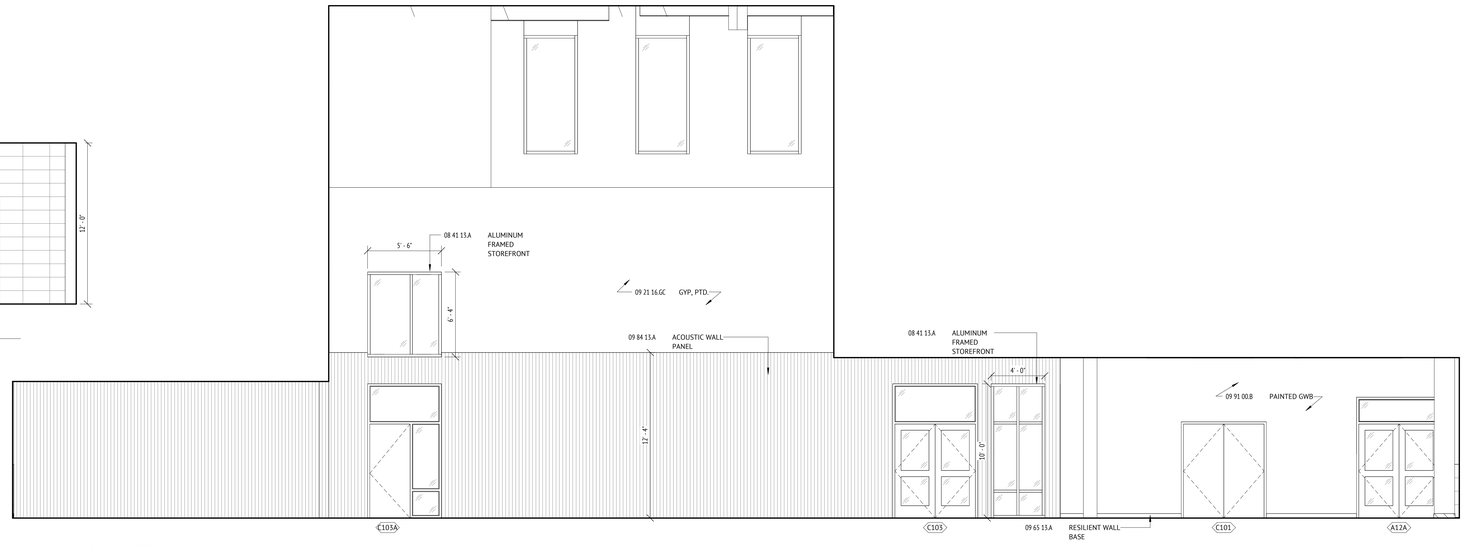
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

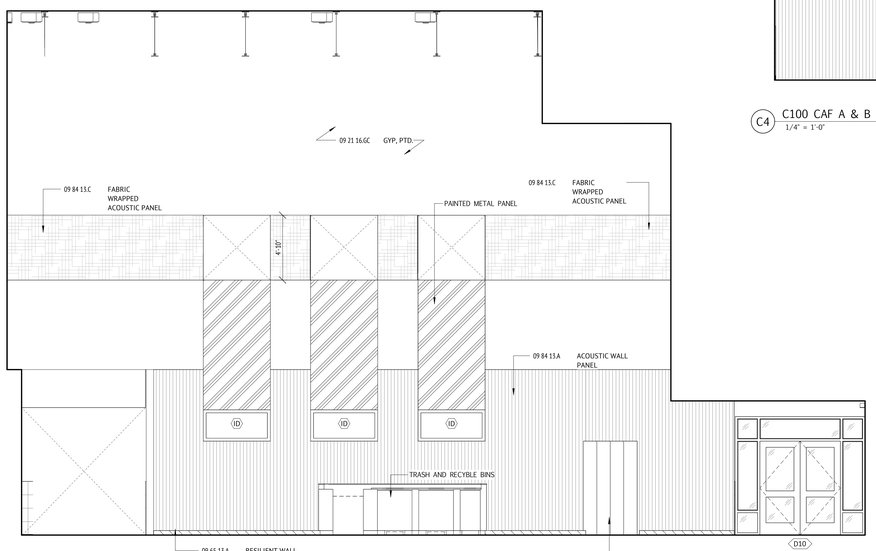
A404



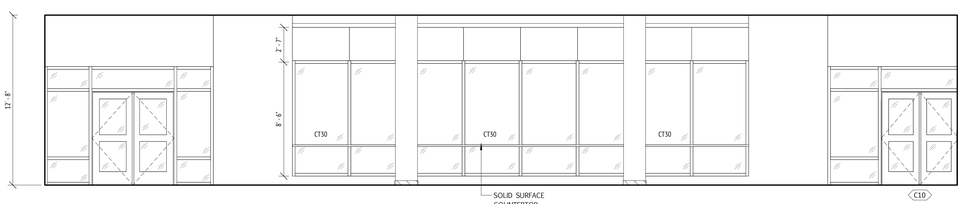
B1 C100 CAF A - EAST
1/4" = 1'-0"



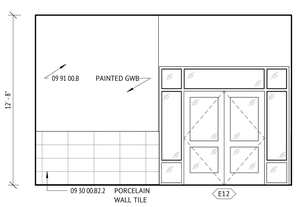
C4 C100 CAF A & B - WEST
1/4" = 1'-0"



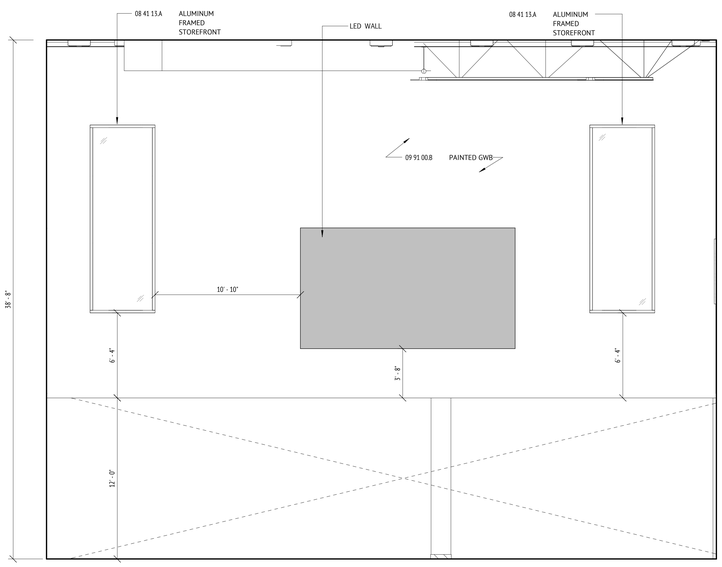
E1 C100B - CAF B EAST
1/4" = 1'-0"



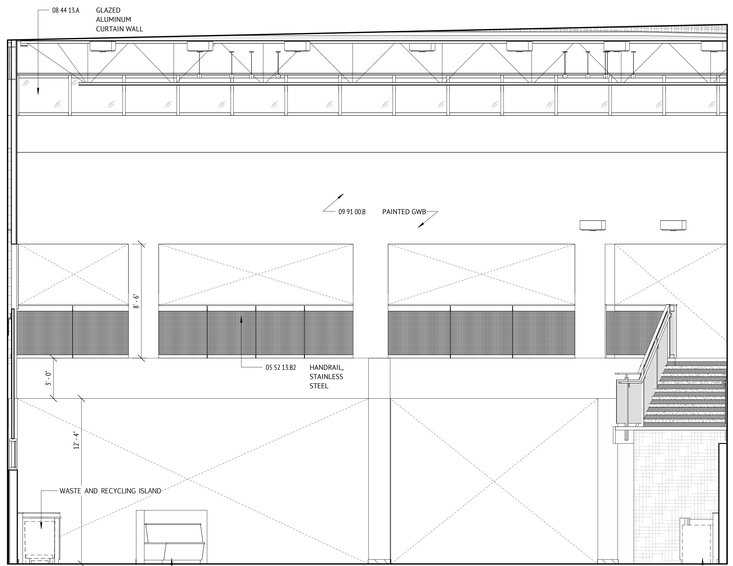
E4 C100B CAF B - SOUTH ENTRY
1/4" = 1'-0"



E8 C100B CIRCULATION - WEST
1/4" = 1'-0"



G1 CAFE 100B - NORTH
1/4" = 1'-0"



G4 CAFE 100B - SOUTH
1/4" = 1'-0"



G7 CAFE B PERSPECTIVE - SOUTH

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

INTERIOR ELEVATIONS SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

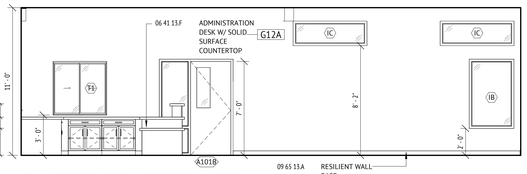
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	JD
REVISIONS:	

DD SET

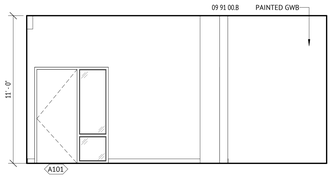
A405



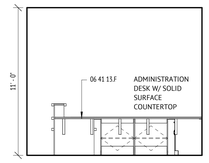
A1 A101B PRINCIPAL SECRETARY - NORTH
1/4" = 1'-0"



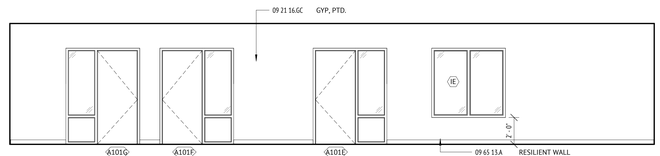
A2 A101B PRINCIPAL SECRETARY - EAST
1/4" = 1'-0"



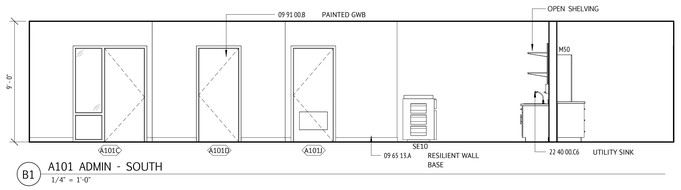
A4 A101B PRINCIPAL SECRETARY - SOUTH
1/4" = 1'-0"



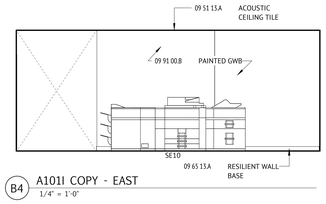
A5 A101B PRINCIPAL SECRETARY - WEST
1/4" = 1'-0"



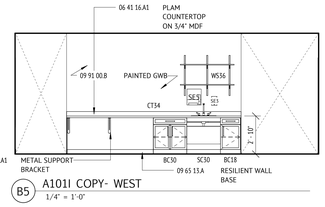
A6 A101 ADMIN - NORTH
1/4" = 1'-0"



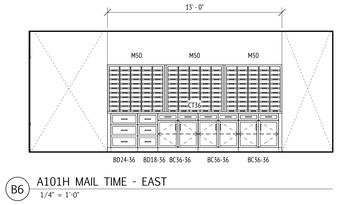
B1 A101 ADMIN - SOUTH
1/4" = 1'-0"



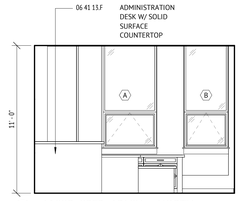
B4 A101I COPY - EAST
1/4" = 1'-0"



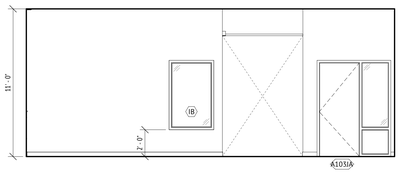
B5 A101I COPY- WEST
1/4" = 1'-0"



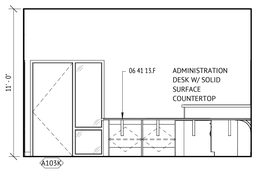
B6 A101H MAIL TIME - EAST
1/4" = 1'-0"



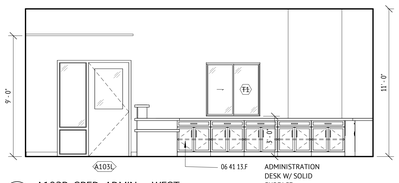
B8 A103B SPED ADMIN - NORTH
1/4" = 1'-0"



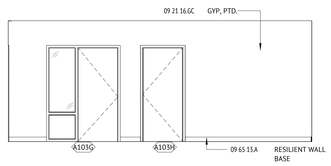
C1 A103B SPED ADMIN - EAST
1/4" = 1'-0"



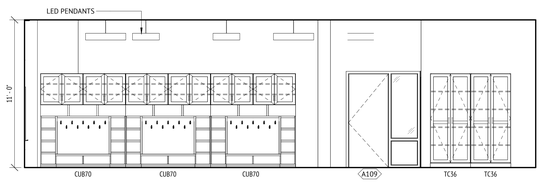
C2 A103B SPED ADMIN - SOUTH
1/4" = 1'-0"



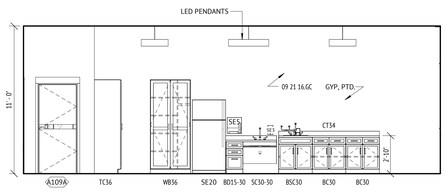
C4 A103B SPED ADMIN - WEST
1/4" = 1'-0"



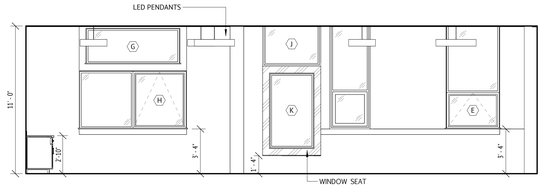
C5 A103 PUPIL SERVICES - EAST
1/4" = 1'-0"



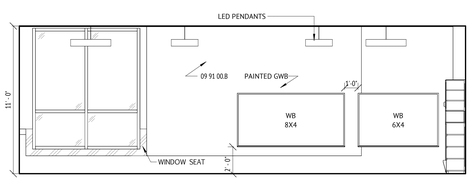
C7 A109 PRE-K - NORTH
1/4" = 1'-0"



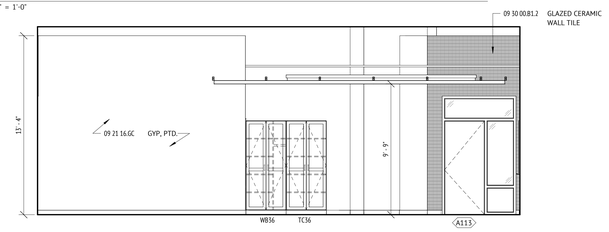
D3 A109 PRE-K - EAST
1/4" = 1'-0"



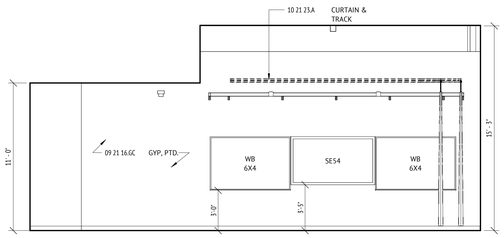
D5 A109 PRE K - SOUTH
1/4" = 1'-0"



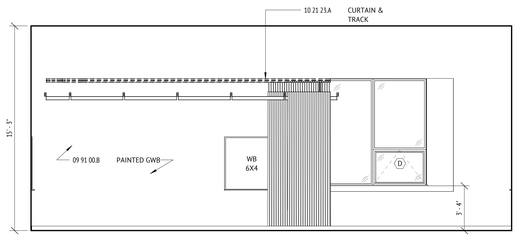
D7 A109 PRE-K - WEST
1/4" = 1'-0"



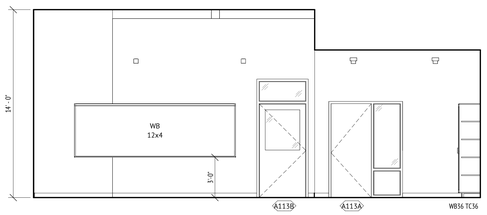
D8 A113 VIDEO - NORTH
1/4" = 1'-0"



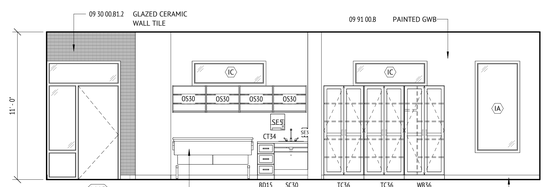
E1 A113 VIDEO - EAST
1/4" = 1'-0"



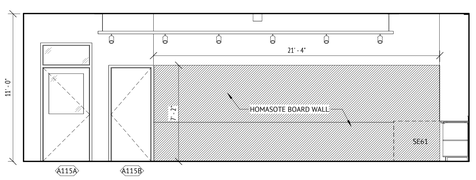
E3 A113 VIDEO - SOUTH
1/4" = 1'-0"



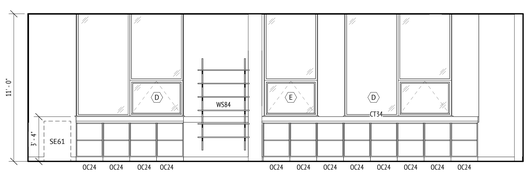
E5 A113 VIDEO - WEST
1/4" = 1'-0"



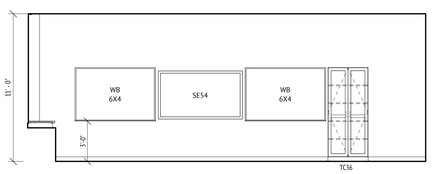
E7 A415 ART STUDIO - NORTH
1/4" = 1'-0"



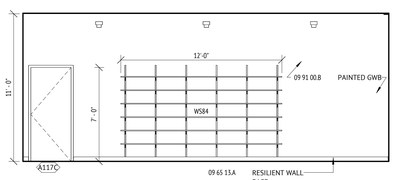
F1 A115 ART STUDIO - EAST
1/4" = 1'-0"



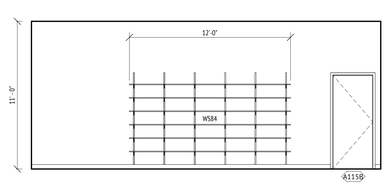
F3 A415 ART STUDIO - SOUTH
1/4" = 1'-0"



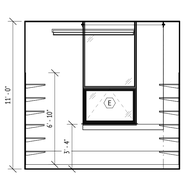
F5 A115 ART STUDIO- WEST
1/4" = 1'-0"



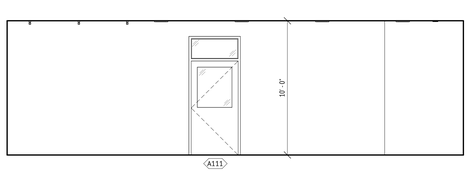
F7 A115A ART STUDIO - EAST
1/4" = 1'-0"



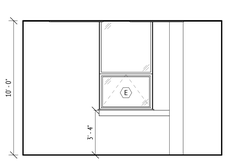
G1 A115A ART STUDIO - WEST
1/4" = 1'-0"



G2 A115A ART STUDIO - SOUTH
1/4" = 1'-0"



G4 A111 ELCAT OFFICE - EAST
1/4" = 1'-0"



G5 A111 ELCAT OFFICE - SOUTH
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

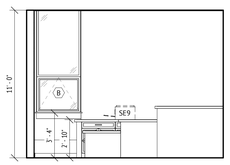
INTERIOR ELEVATIONS - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

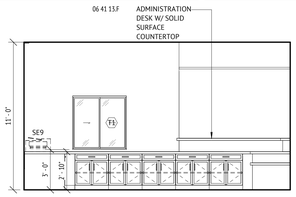
PRO.J. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

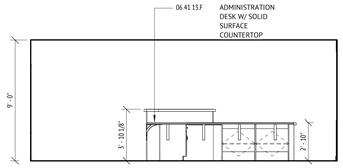
A406



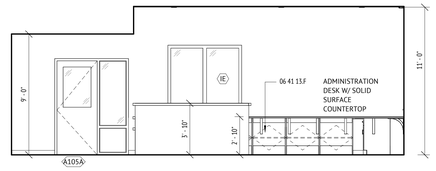
A1 A105A CO ADMIN - NORTH
1/4" = 1'-0"



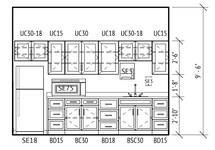
A2 A105A CO ADMIN - EAST
1/4" = 1'-0"



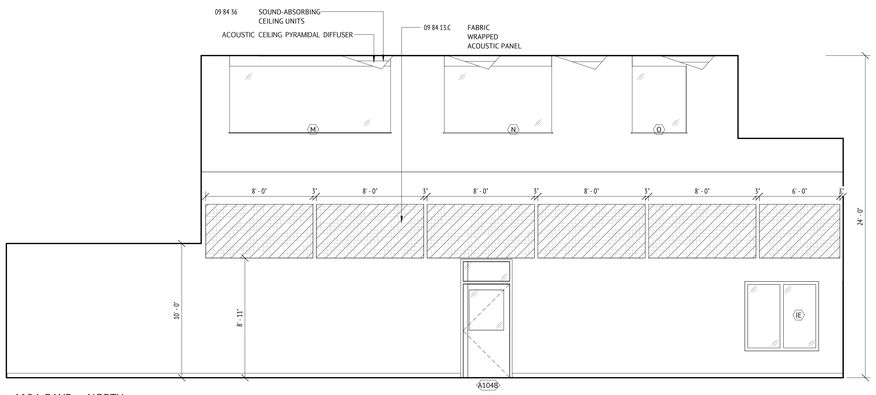
A4 A105A CO ADMIN - SOUTH
1/4" = 1'-0"



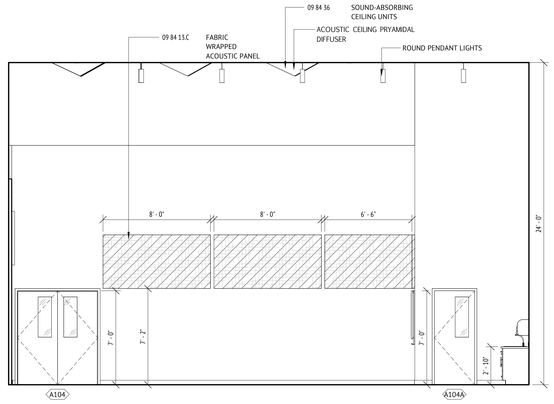
A5 A105A CO ADMIN - WEST
1/4" = 1'-0"



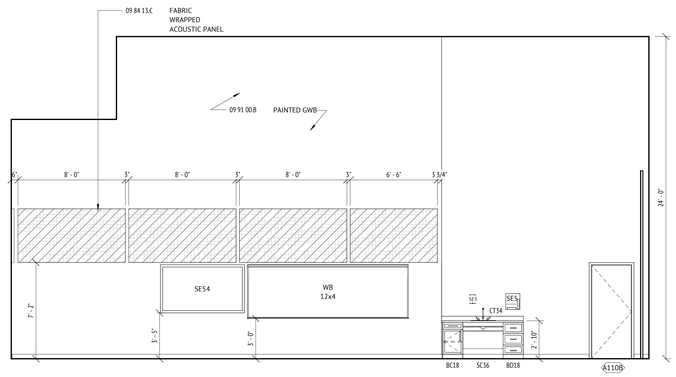
A6 A105G KITCHENETTE - WEST
1/4" = 1'-0"



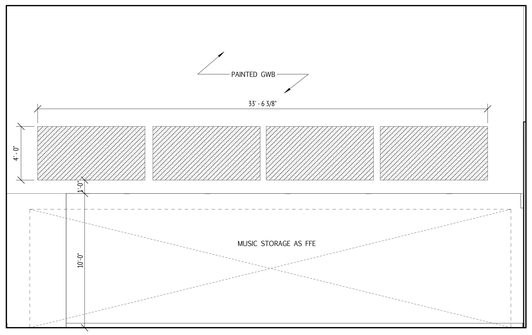
B1 A104 BAND - NORTH
1/4" = 1'-0"



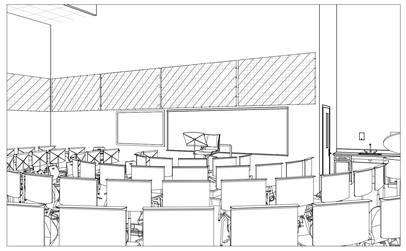
B4 A104 BAND - EAST
1/4" = 1'-0"



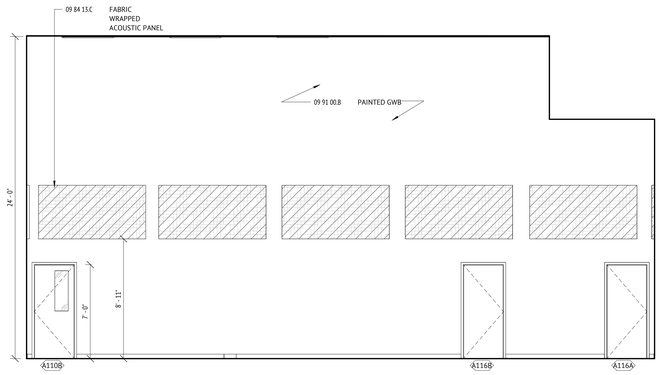
B7 A104 BAND - SOUTH
1/4" = 1'-0"



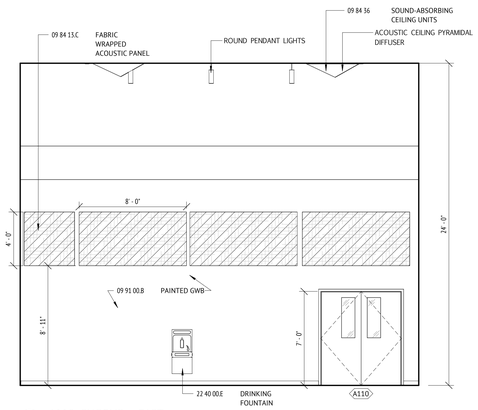
D1 A104 BAND - WEST
1/4" = 1'-0"



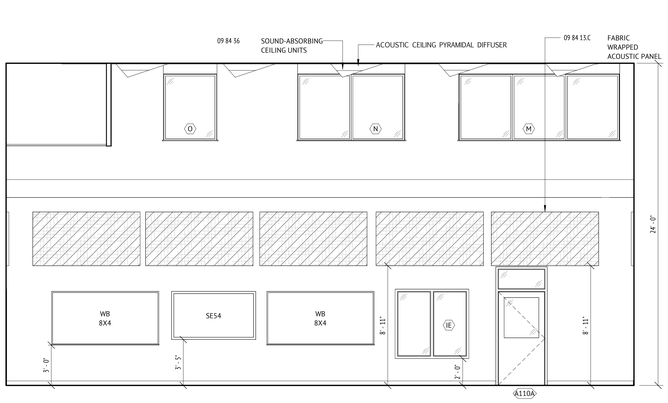
D2 A104 BAND - PERSPECTIVE



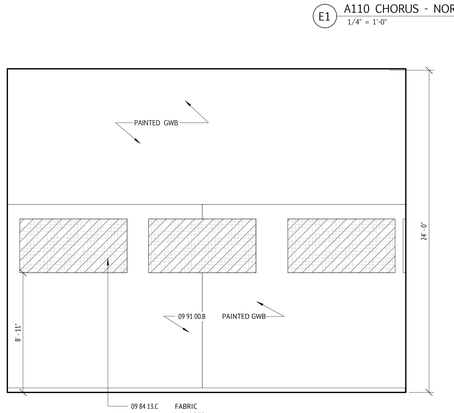
E1 A110 CHORUS - NORTH
1/4" = 1'-0"



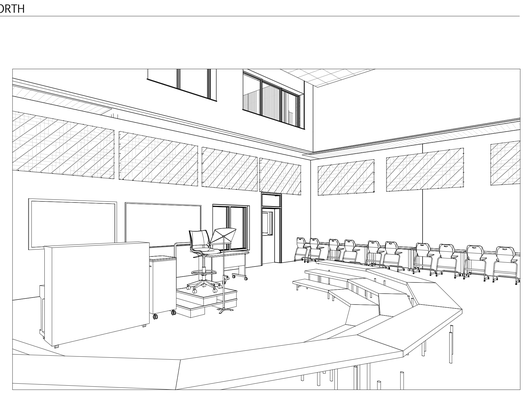
E3 A110 CHORUS - EAST
1/4" = 1'-0"



E5 A110 CHORUS - SOUTH
1/4" = 1'-0"



G1 A110 CHORUS - WEST
1/4" = 1'-0"



G3 A110 CHORUS - PERSPECTIVE

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

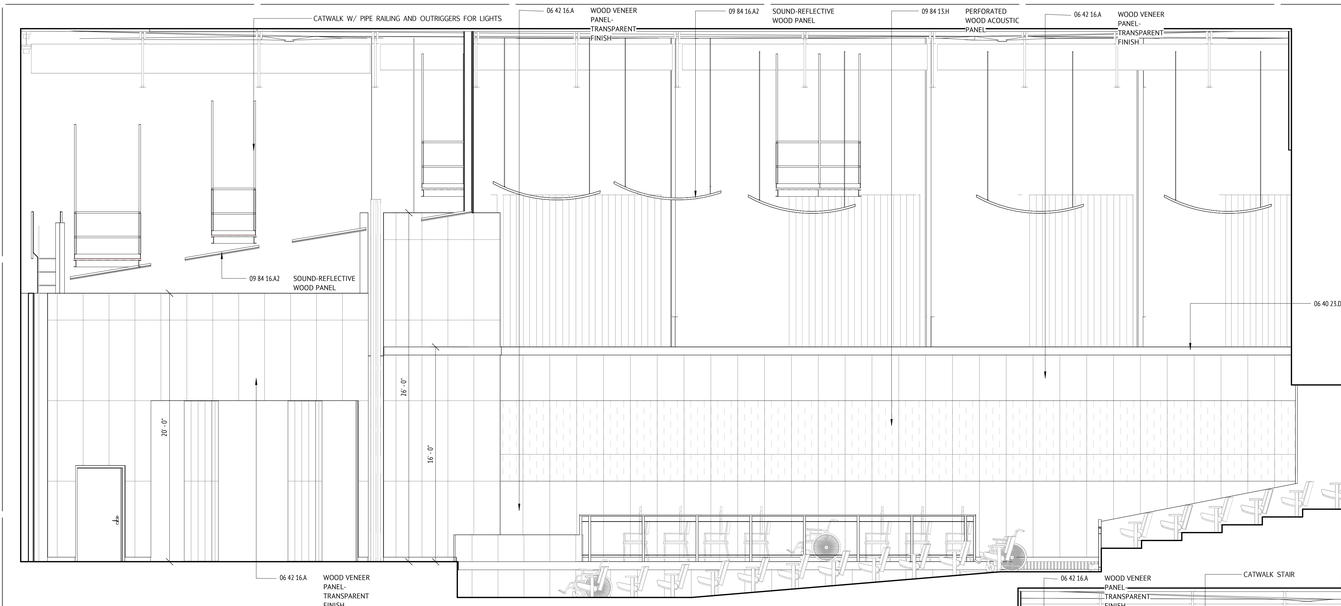
INTERIOR ELEVATIONS - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

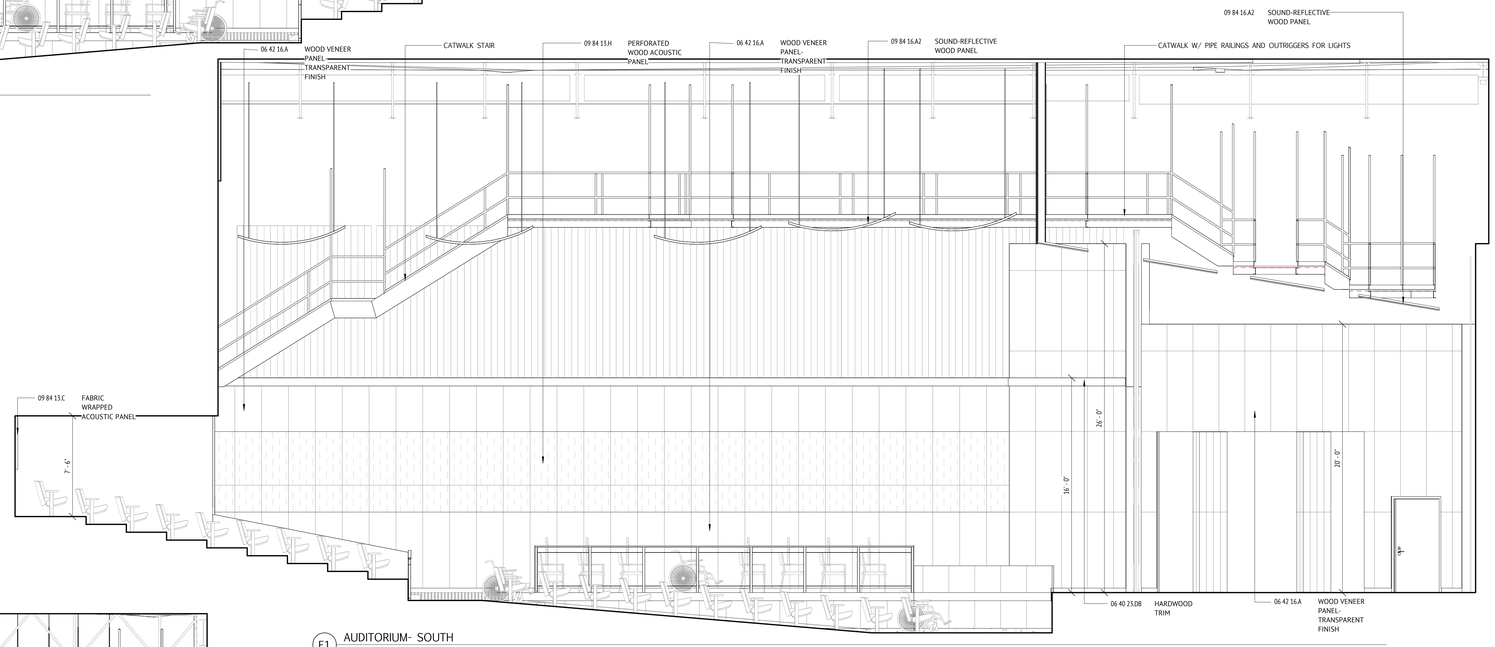
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

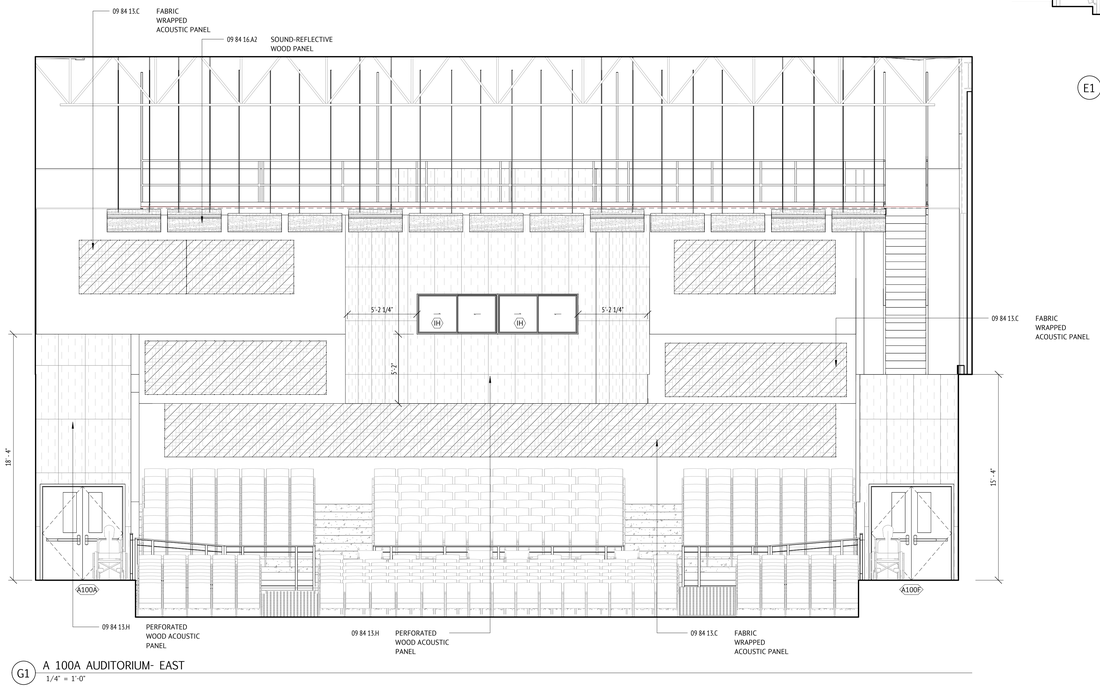
A407



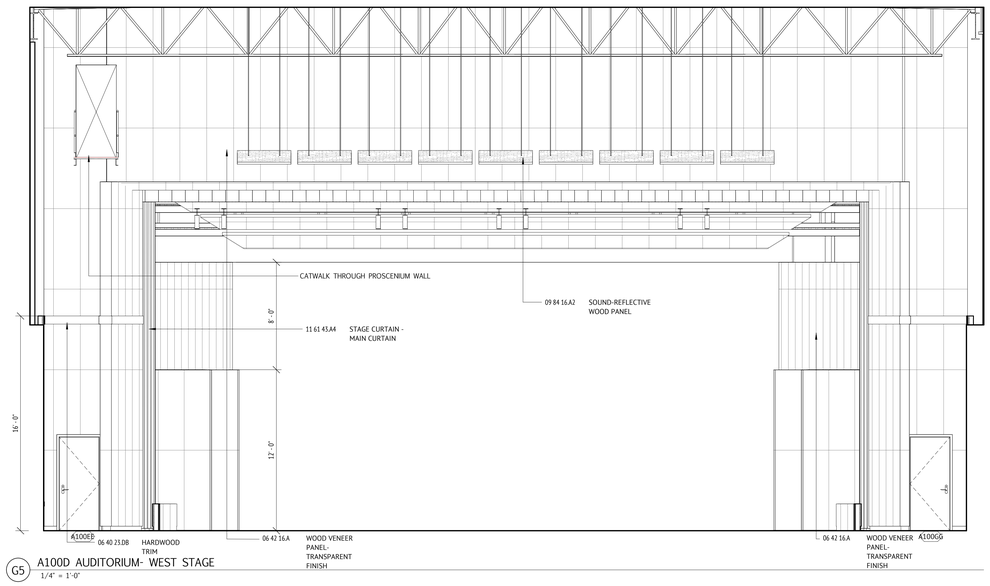
C1 AUDITORIUM- NORTH
1/4" = 1'-0"



E1 AUDITORIUM- SOUTH
1/4" = 1'-0"



G1 A 100A AUDITORIUM- EAST
1/4" = 1'-0"



G5 A100D AUDITORIUM- WEST STAGE
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

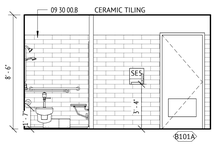
INTERIOR ELEVATIONS-AUDITORIUM

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

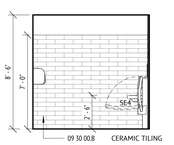
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	JD
REVISIONS:	

DD SET

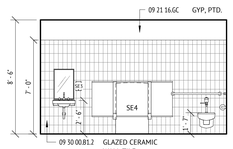
A408



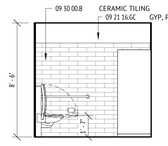
A1 B101A T. - NORTH
1/4" = 1'-0"



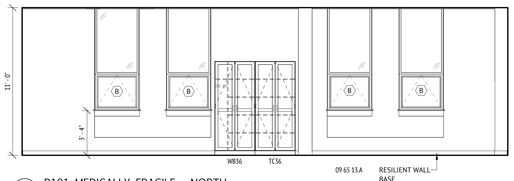
A2 B101A T. - EAST
1/4" = 1'-0"



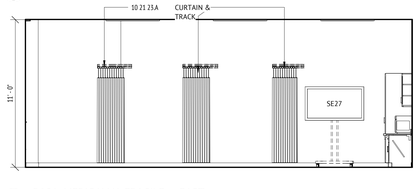
A3 B101A T. - SOUTH
1/4" = 1'-0"



A4 B101A T. - WEST
1/4" = 1'-0"



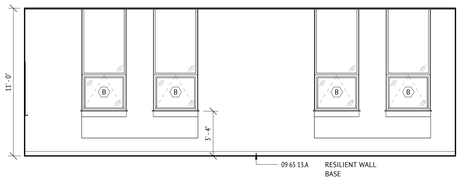
B1 B101 MEDICALLY FRAGILE - NORTH
1/4" = 1'-0"



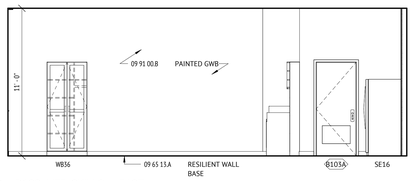
B3 B101 MEDICALLY FRAGILE - EAST
1/4" = 1'-0"



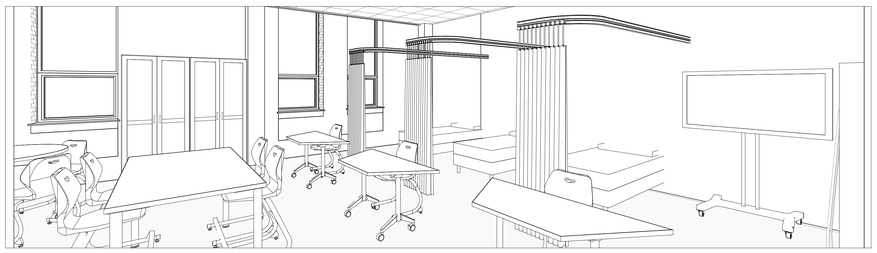
B4 B101 MEDICALLY FRAGILE - SOUTH
1/4" = 1'-0"



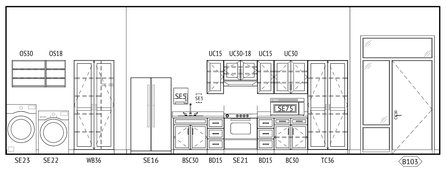
C1 B102 LIFE SKILLS - NORTH
1/4" = 1'-0"



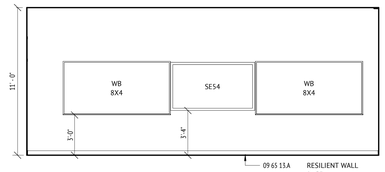
C3 B102 LIFE SKILLS - EAST
1/4" = 1'-0"



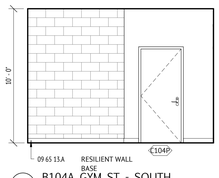
C4 B101 MEDICALLY FRAGILE



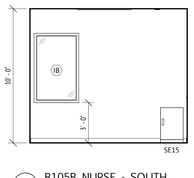
D1 B102 LIFE SKILLS - SOUTH
1/4" = 1'-0"



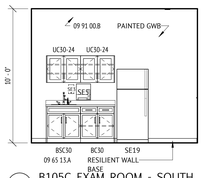
D3 B102 LIFE SKILLS - WEST
1/4" = 1'-0"



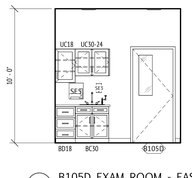
E1 B104A GYM ST - SOUTH
1/4" = 1'-0"



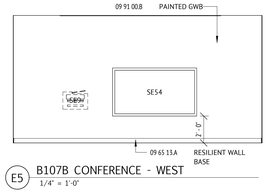
E2 B105B NURSE - SOUTH
1/4" = 1'-0"



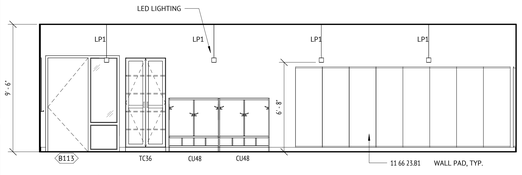
E3 B105C EXAM ROOM - SOUTH
1/4" = 1'-0"



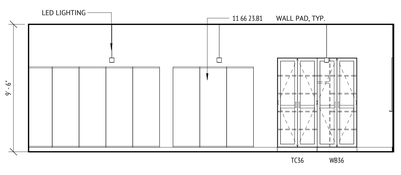
E4 B105D EXAM ROOM - EAST
1/4" = 1'-0"



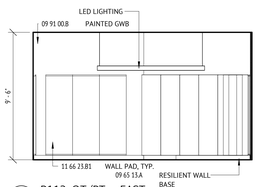
E5 B107B CONFERENCE - WEST
1/4" = 1'-0"



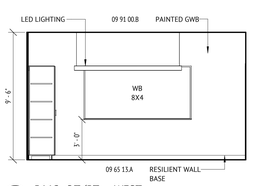
F1 B113 OT/PT - NORTH
1/4" = 1'-0"



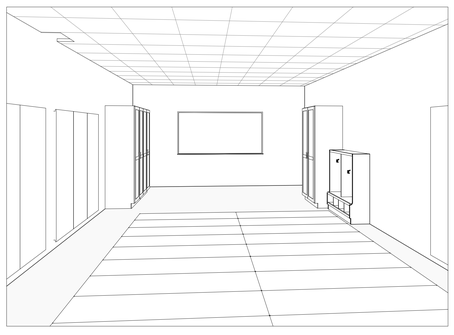
F3 B113 OT/PT - SOUTH
1/4" = 1'-0"



F5 B113 OT/PT - EAST
1/4" = 1'-0"



F6 B113 OT/PT - WEST
1/4" = 1'-0"



G1 B113 OT/PT - PERSPECTIVE

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

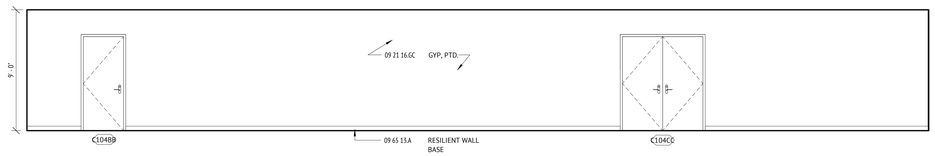
INTERIOR ELEVATIONS - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

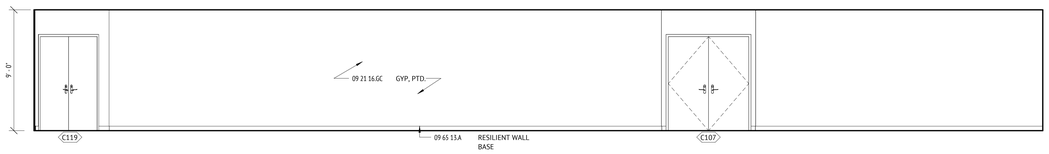
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

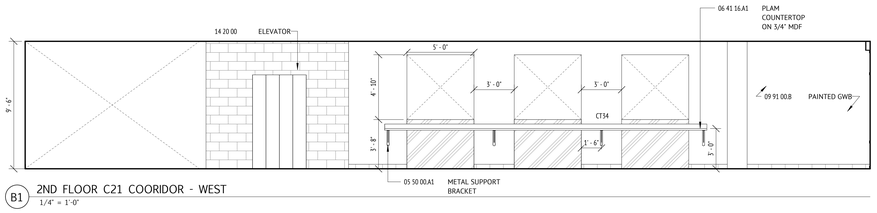
A409



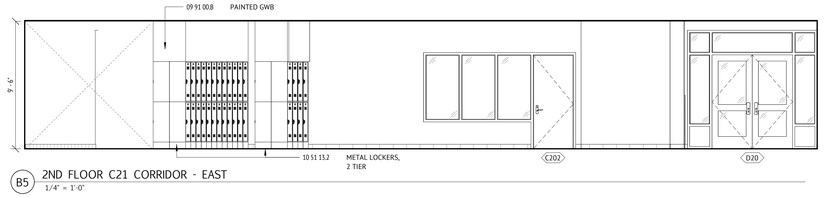
A1 C12 CIRCULATION - NORTH
1/4" = 1'-0"



A5 C12 CIRCULATION - SOUTH
1/4" = 1'-0"



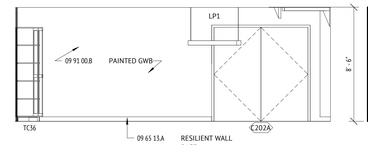
B1 2ND FLOOR C21 COORIDOR - WEST
1/4" = 1'-0"



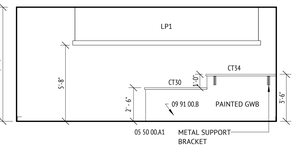
B5 2ND FLOOR C21 CORRIDOR - EAST
1/4" = 1'-0"



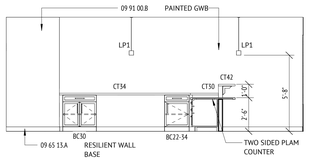
B8 2ND FLOOR LOCKERS



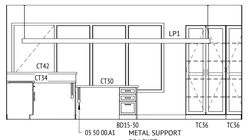
C1 C202 TECH SUPPORT - NORTH
1/4" = 1'-0"



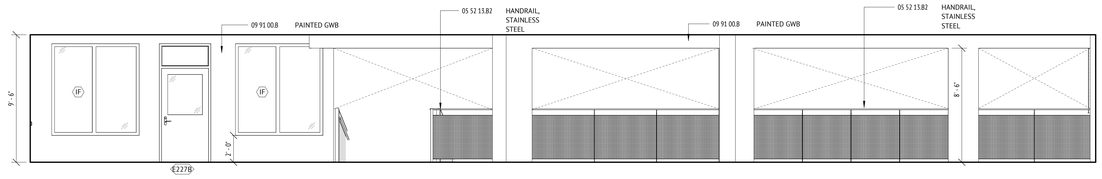
C2 C202 - TECH SUPPORT - EAST
1/4" = 1'-0"



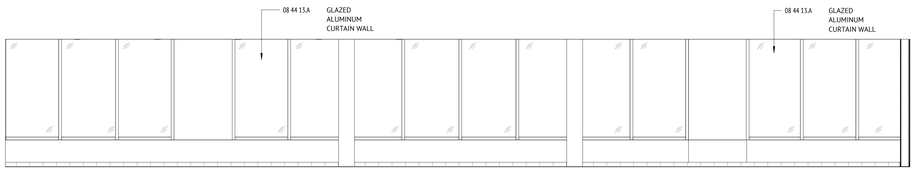
C4 C202 TECH SUPPORT - SOUTH
1/4" = 1'-0"



C5 C202 TECH SUPPORT - WEST
1/4" = 1'-0"



D1 C21 CORRIDOR - NORTH
1/4" = 1'-0"



E1 C21 CORRIDOR - SOUTH
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

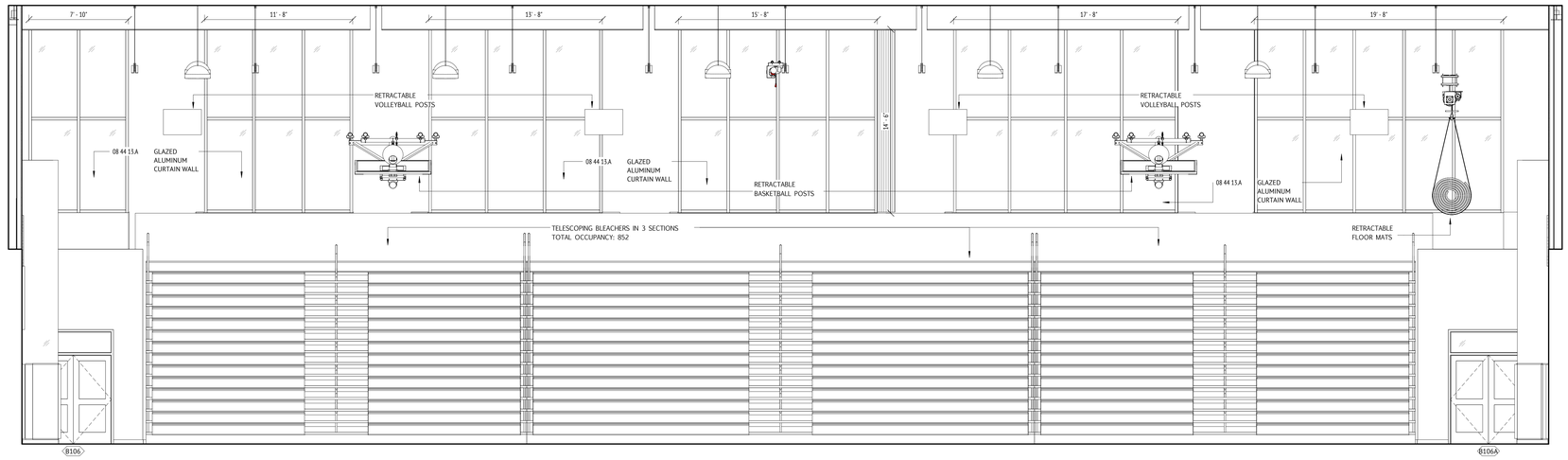
INTERIOR ELEVATIONS - C WING CIRCULATION

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

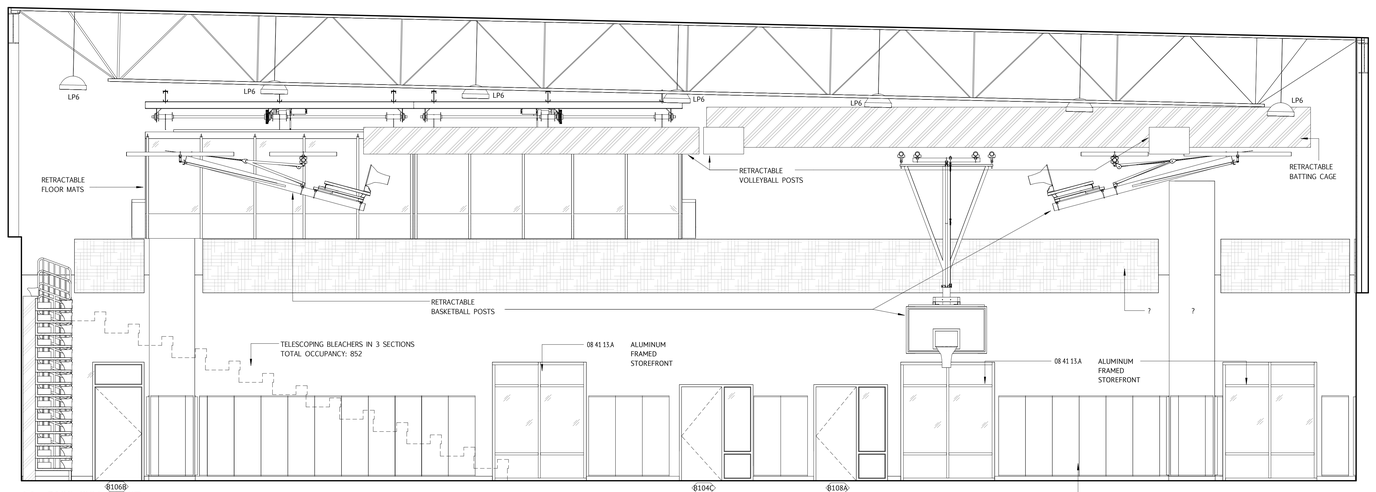
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

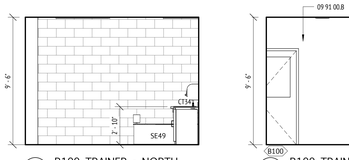
A410



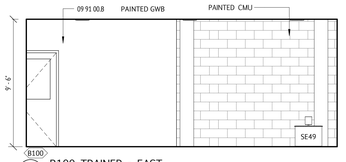
C1 B106 GYM - NORTH
1/4" = 1'-0"



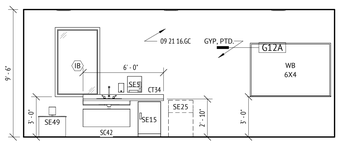
E1 B106 GYM - EAST
1/4" = 1'-0"



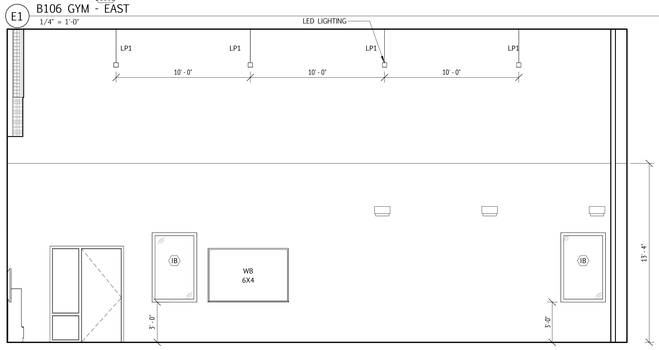
D6 B100 TRAINER - NORTH
1/4" = 1'-0"



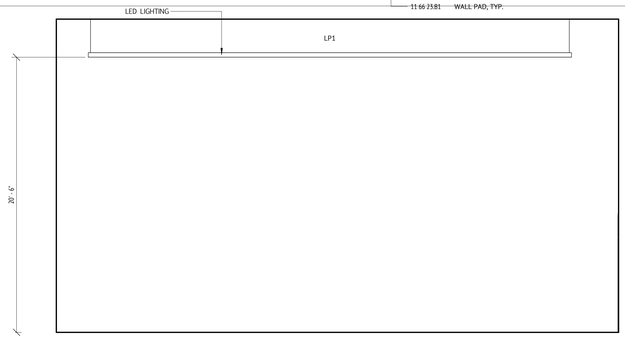
D7 B100 TRAINER - EAST
1/4" = 1'-0"



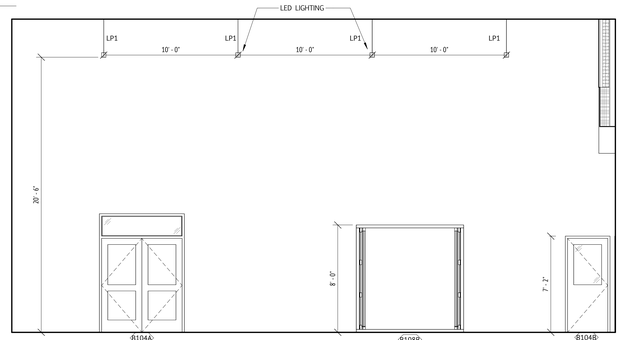
E6 B100 TRAINER - SOUTH
1/4" = 1'-0"



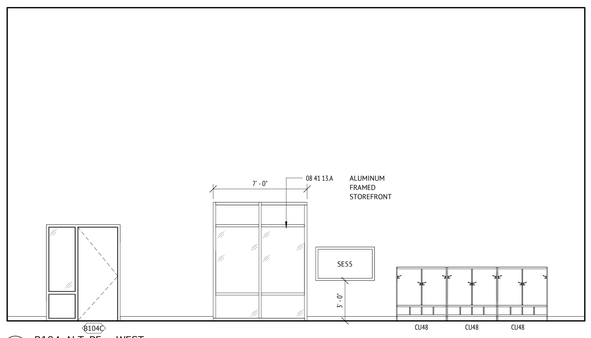
F1 B104 ALT PE - NORTH
1/4" = 1'-0"



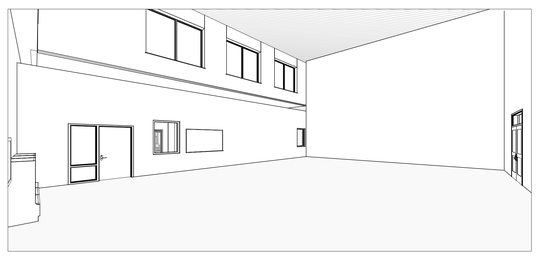
F3 B104 ALT PE - EAST
1/4" = 1'-0"



F6 B104 ALT PE - SOUTH
1/4" = 1'-0"



G1 B104 ALT PE - WEST
1/4" = 1'-0"



G4 B104 ALT PE

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

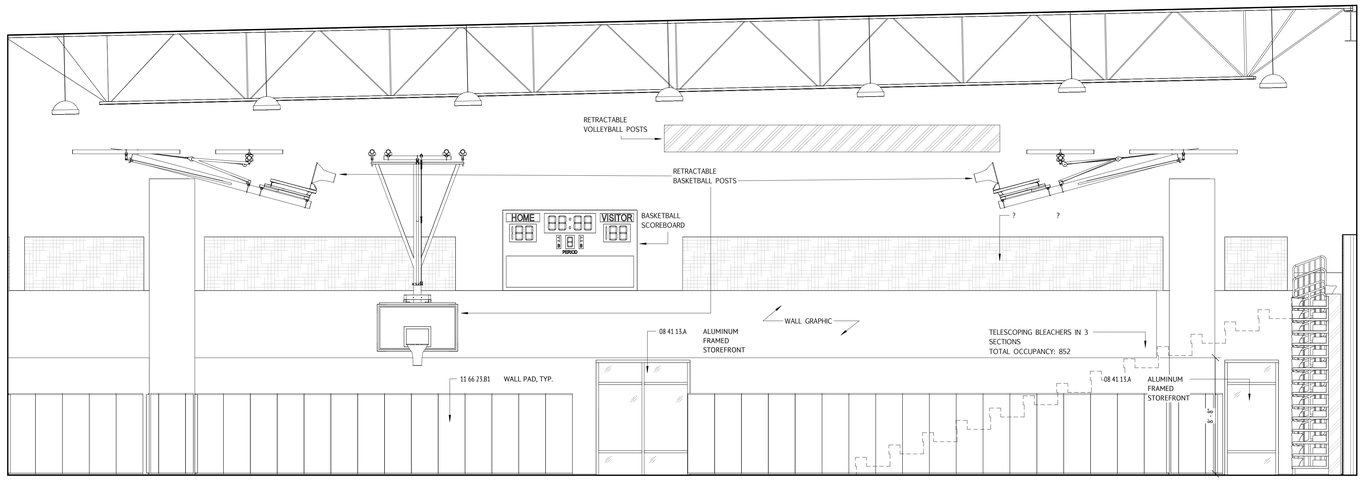
INTERIOR ELEVATIONS - GYM

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

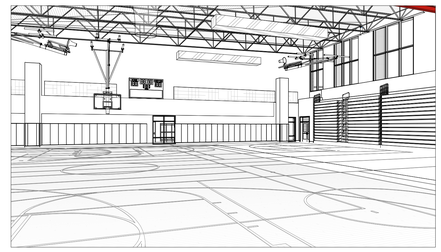
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

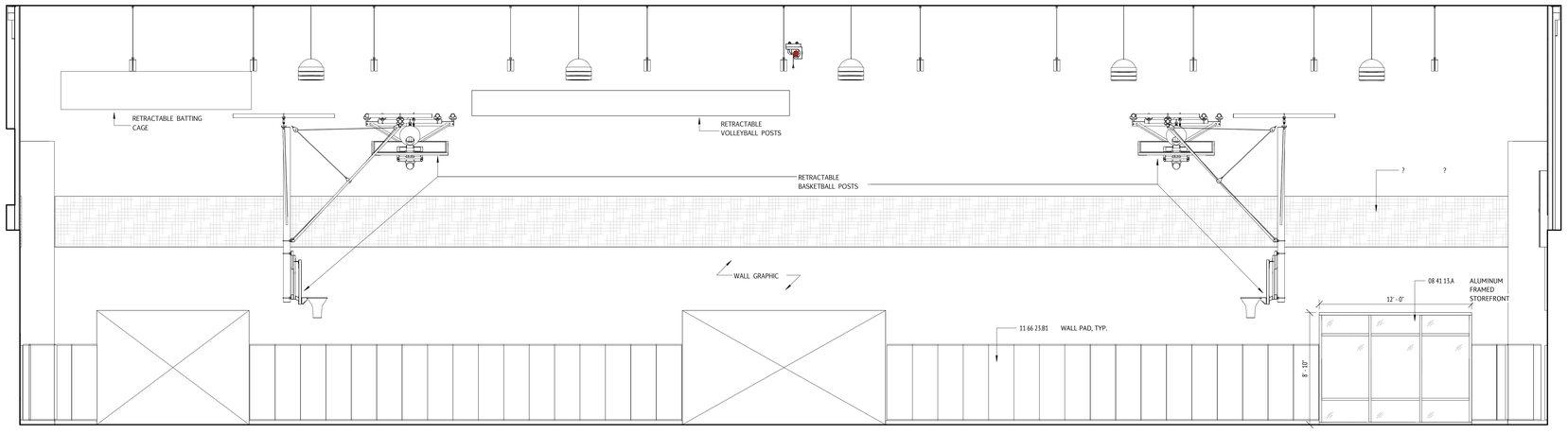
A411



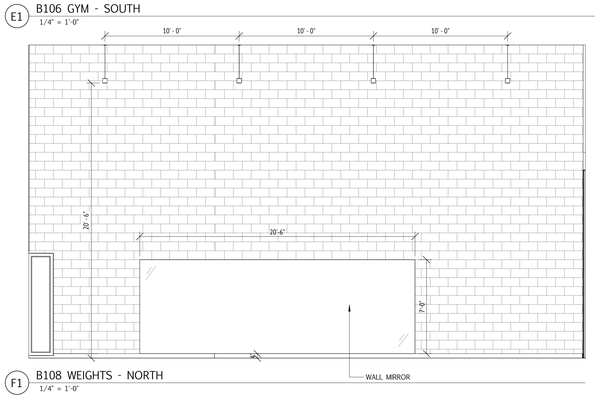
C1 B106 GYM - WEST
1/4" = 1'-0"



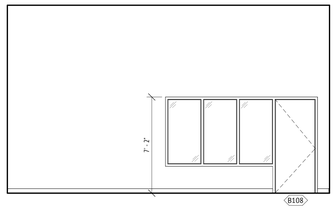
C6 B106 GYM - PERSPECTIVE



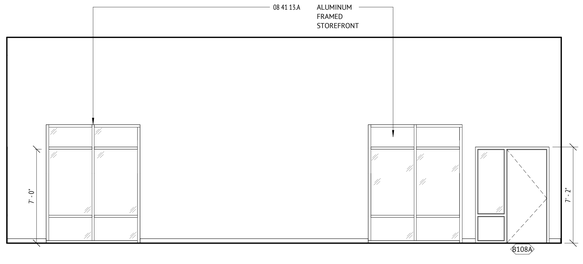
E1 B106 GYM - SOUTH
1/4" = 1'-0"



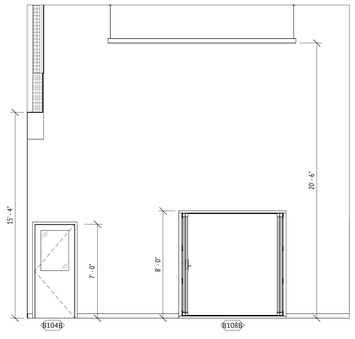
F1 B108 WEIGHTS - NORTH
1/4" = 1'-0"



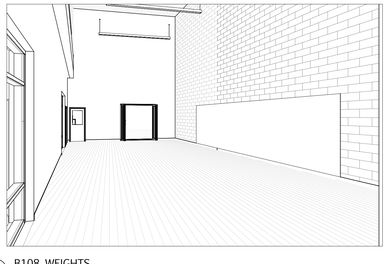
F3 B108 WEIGHTS - EAST
1/4" = 1'-0"



F5 B108 WEIGHTS - SOUTH
1/4" = 1'-0"



F7 B108 WEIGHTS - WEST
1/4" = 1'-0"



G1 B108 WEIGHTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

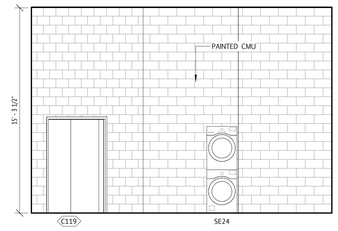
INTERIOR ELEVATIONS - GYM

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

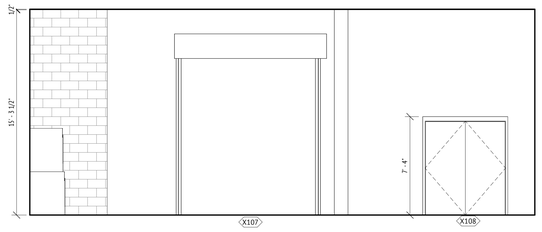
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

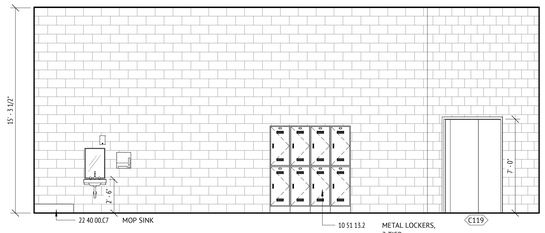
A412



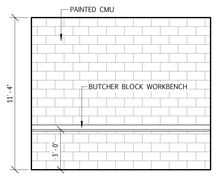
B1 C119 TRASH - NORTH
1/4" = 1'-0"



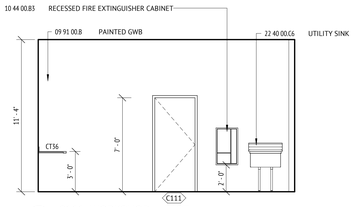
B2 C119 TRASH - EAST
1/4" = 1'-0"



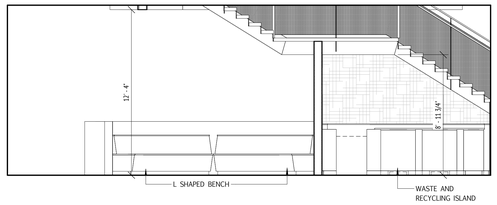
B4 C119 TRASH - WEST
1/4" = 1'-0"



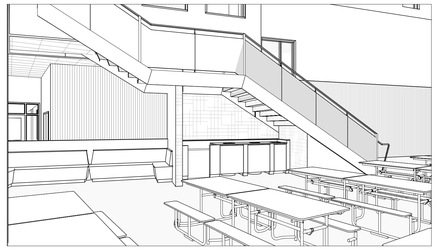
C1 C111 WORKSHOP - NORTH
1/4" = 1'-0"



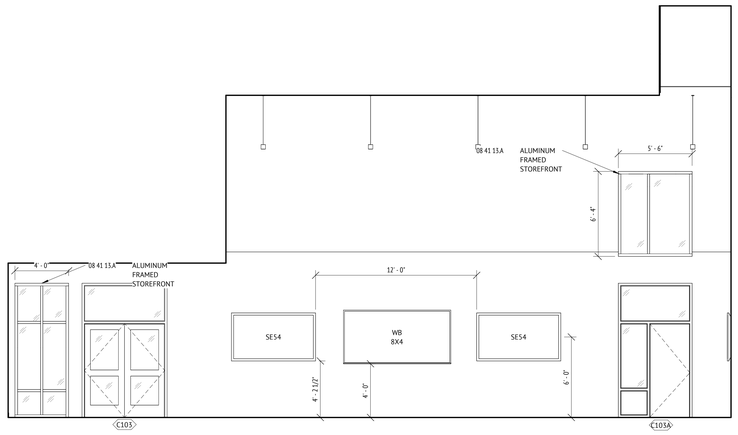
C2 C111 WORKSHOP - EAST
1/4" = 1'-0"



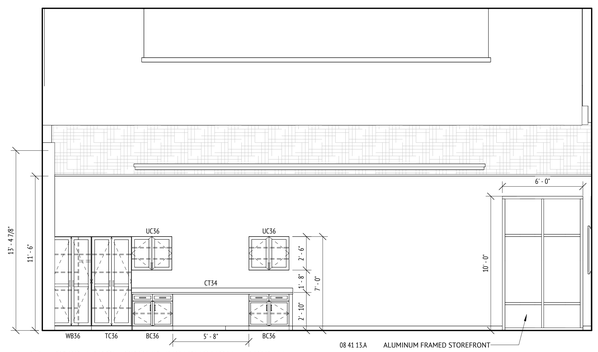
D1 C101B - CAFETERIA B UNDER STAIRS -WEST
1/4" = 1'-0"



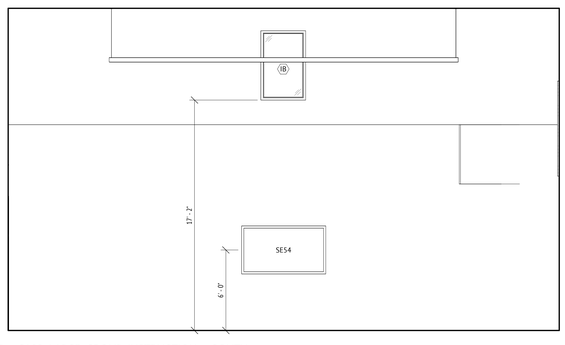
D3 CAFETERIA B UNDERSTAIRS



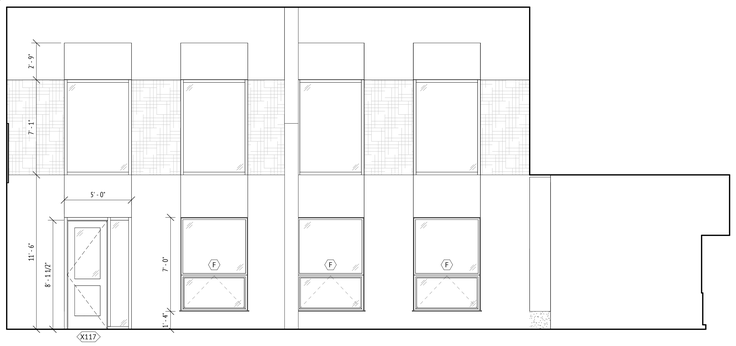
E1 C103 LARGE GROUP INSTRUCTION - EAST
1/4" = 1'-0"



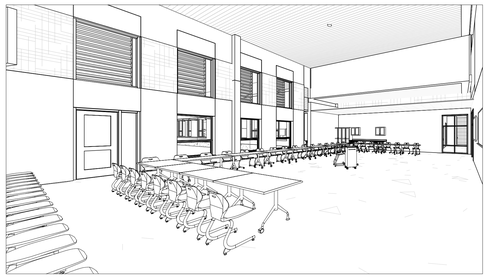
E4 C103 LARGE GROUP INSTRUCTION - NORTH
1/4" = 1'-0"



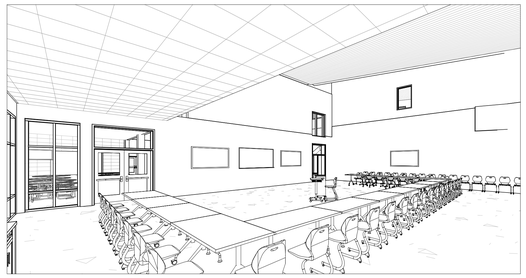
E7 C103 LARGE GROUP INSTRUCTION - SOUTH
1/4" = 1'-0"



G1 C103 LARGE GROUP INSTRUCTION - WEST
1/4" = 1'-0"



G4 C103 LGI



G7 C103 LGI 2

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

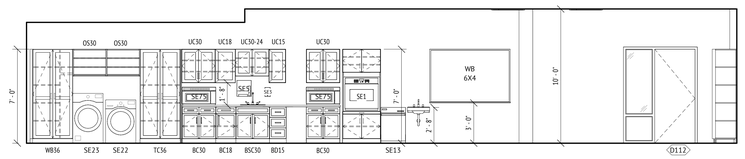
INTERIOR ELEVATIONS- C WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

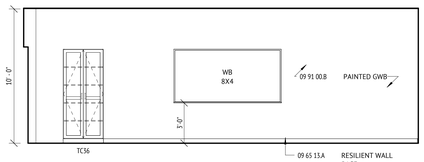
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	JD
REVISIONS:	

DD SET

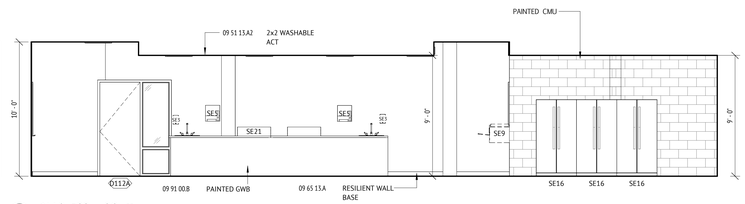
A413



A1 D112 FCS - NORTH
1/4" = 1'-0"



A4 D112 FCS - EAST
1/4" = 1'-0"



A5 D112 FCS - SOUTH
1/4" = 1'-0"

B1 D112 FCS - WEST
1/4" = 1'-0"

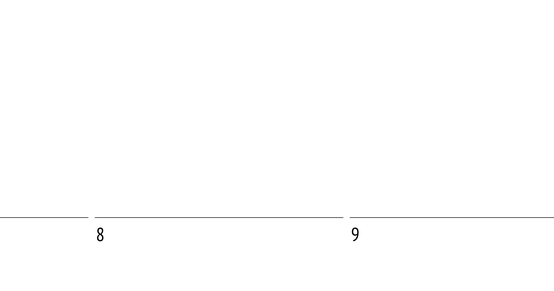
B2 D112 FCS -TEACHER WORKSTATION
1/4" = 1'-0"

1 D112 FCS TYP. STUDENT WORKSTATION
1/4" = 1'-0"

C1 D112 FCS INTERIOR- NORTH
1/4" = 1'-0"

C4 D112 FCS INTERIOR - WEST
1/4" = 1'-0"

C6 D112 FCS - STUDENT PERSPECTIVE



D6 D112 FCS - TEACHER PERSPECTIVE

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

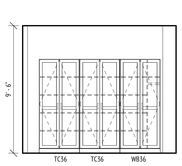
INTERIOR ELEVATIONS- D WING CLASSROOMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

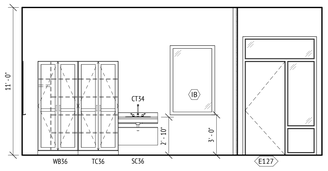
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

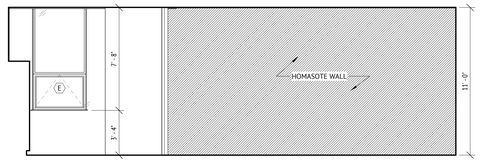
A414



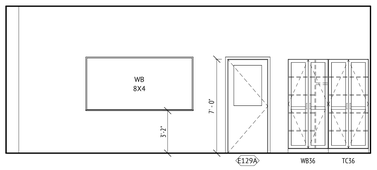
A1 E104 RESOURCE - WEST
1/4" = 1'-0"



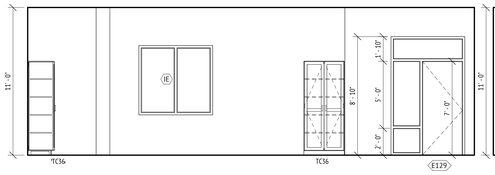
A2 E127 WILLIE ROSS TYP.
1/4" = 1'-0"



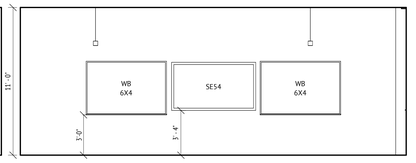
A3 E129 GRAPHICS - NORTH
1/4" = 1'-0"



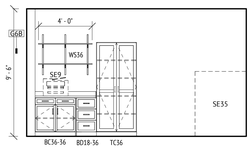
A5 E129 GRAPHICS - EAST
1/4" = 1'-0"



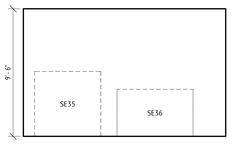
A6 E129 GRAPHICS - SOUTH
1/4" = 1'-0"



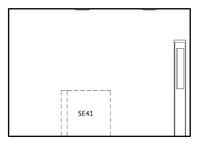
A8 E129 GRAPHIC - WEST
1/4" = 1'-0"



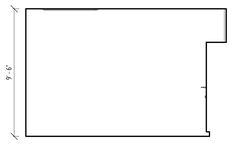
B1 E129A PRINTING - NORTH
1/4" = 1'-0"



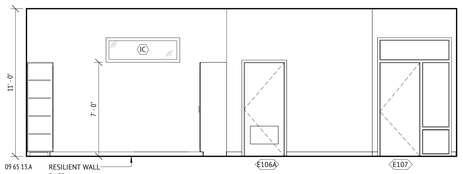
B2 E129A PRINTING - EAST
1/4" = 1'-0"



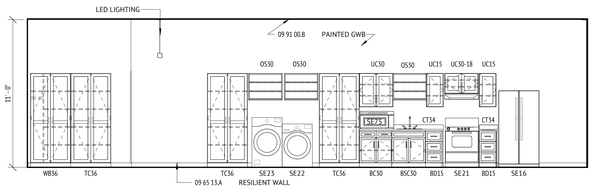
B3 E129A PRINTING - SOUTH
1/4" = 1'-0"



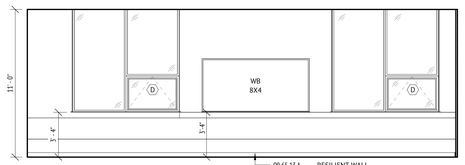
B4 E129A PRINTING - WEST
1/4" = 1'-0"



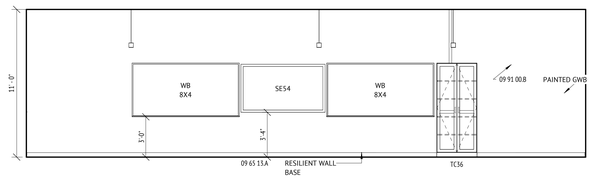
B5 E107 LIFE SKILLS - NORTH
1/4" = 1'-0"



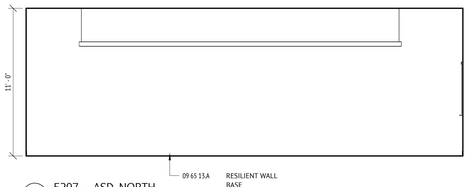
B6 E107 LIFE SKILLS - EAST
1/4" = 1'-0"



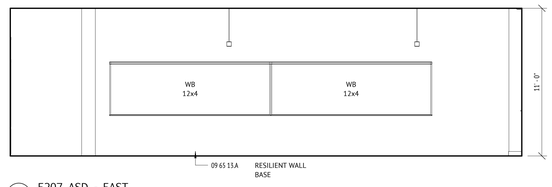
C1 E107 LIFE SKILLS - SOUTH
1/4" = 1'-0"



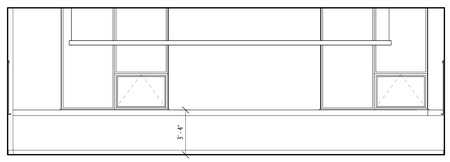
C3 E107 LIFE SKILLS - WEST
1/4" = 1'-0"



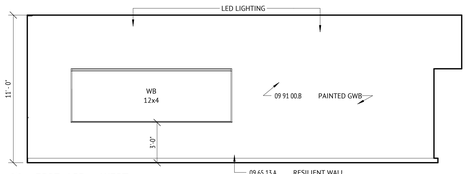
C5 E207 - ASD NORTH
1/4" = 1'-0"



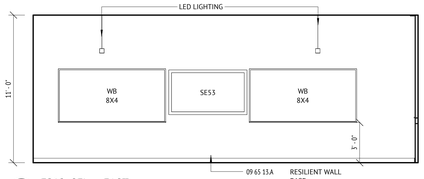
C7 E207 ASD - EAST
1/4" = 1'-0"



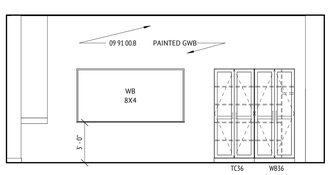
D1 E207 ASD - SOUTH
1/4" = 1'-0"



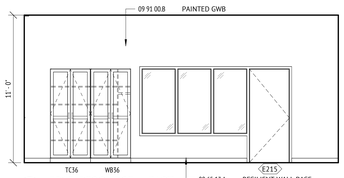
D3 E207 ASD - WEST
1/4" = 1'-0"



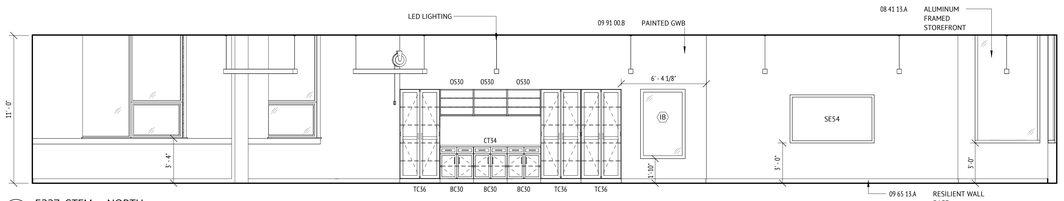
D5 E213 SEL - EAST
1/4" = 1'-0"



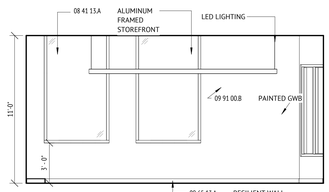
D6 E213 SEL - WEST
1/4" = 1'-0"



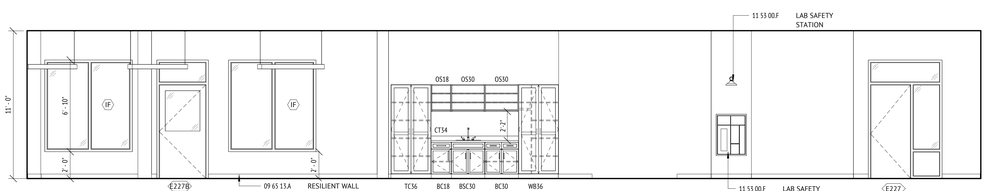
D7 E215 RESOURCE - EAST
1/4" = 1'-0"



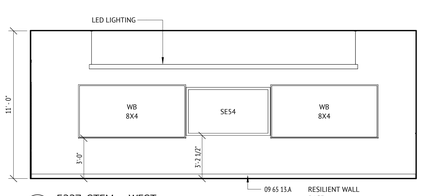
E1 E227 STEM - NORTH
1/4" = 1'-0"



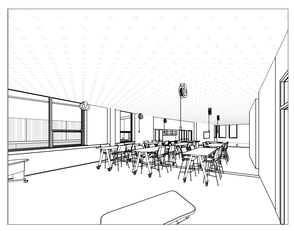
E5 E227 STEM - EAST
1/4" = 1'-0"



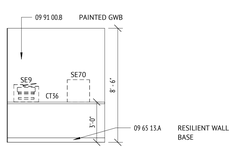
F1 E227 STEM - SOUTH
1/4" = 1'-0"



F5 E227 STEM - WEST
1/4" = 1'-0"



F7 E227 STEM



G1 E212 STEM - SOUTH
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

INTERIOR ELEVATIONS - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

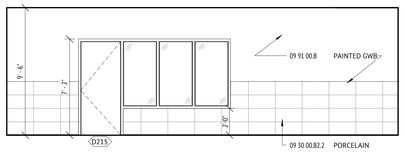
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

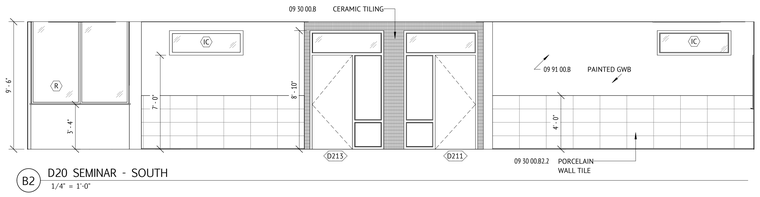
A415



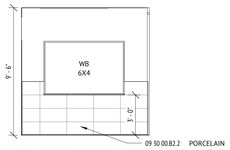
A1 D20 COORIDOR - NORTH
1/4" = 1'-0"



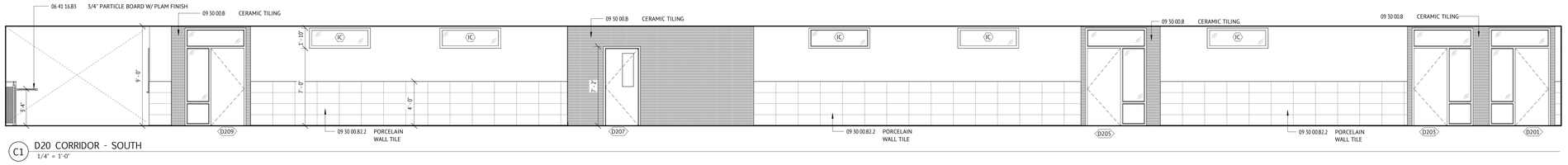
B1 D22 COORIDOR - WEST
1/4" = 1'-0"



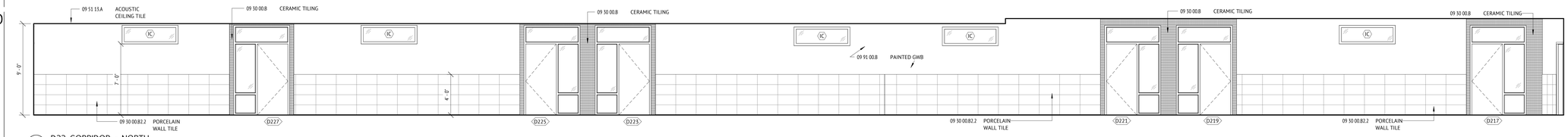
B2 D20 SEMINAR - SOUTH
1/4" = 1'-0"



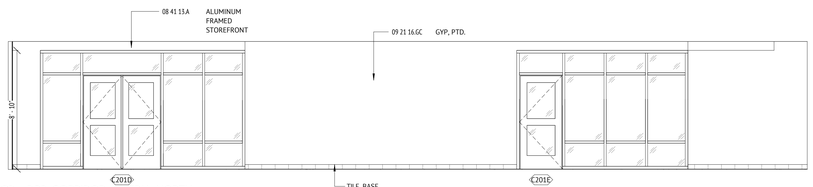
B5 D20 SEMINAR - WEST
1/4" = 1'-0"



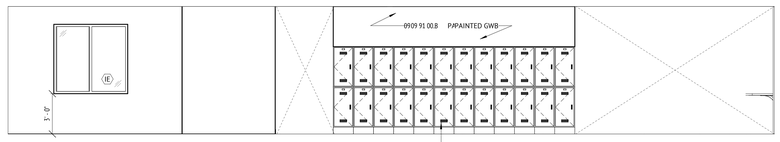
C1 D20 CORRIDOR - SOUTH
1/4" = 1'-0"



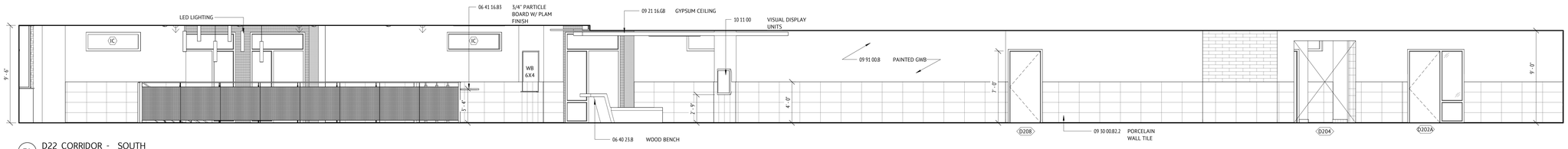
D1 D22 CORRIDOR - NORTH
1/4" = 1'-0"



E1 D22 CORRIDOR - MEDIA NORTH
1/4" = 1'-0"



E4 D22 COORIDOR SOUTH - MEDIA SOUTH
1/4" = 1'-0"



F1 D22 CORRIDOR - SOUTH
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

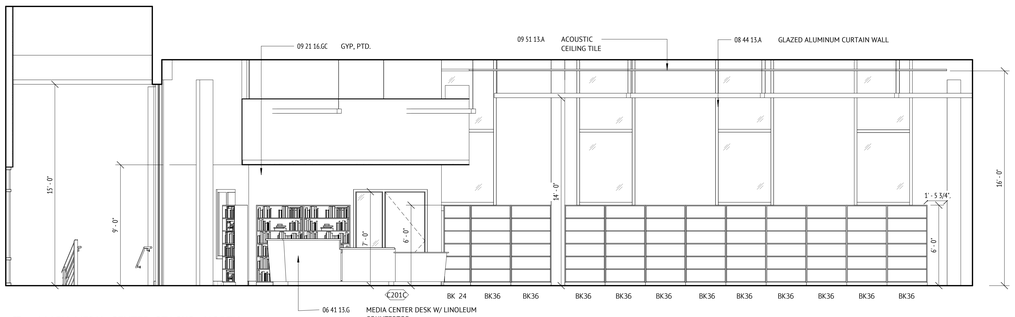
INTERIOR ELEVATIONS-2ND FLOOR D WING CIRCULATION

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

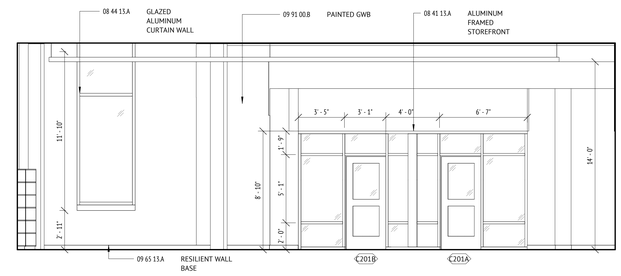
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

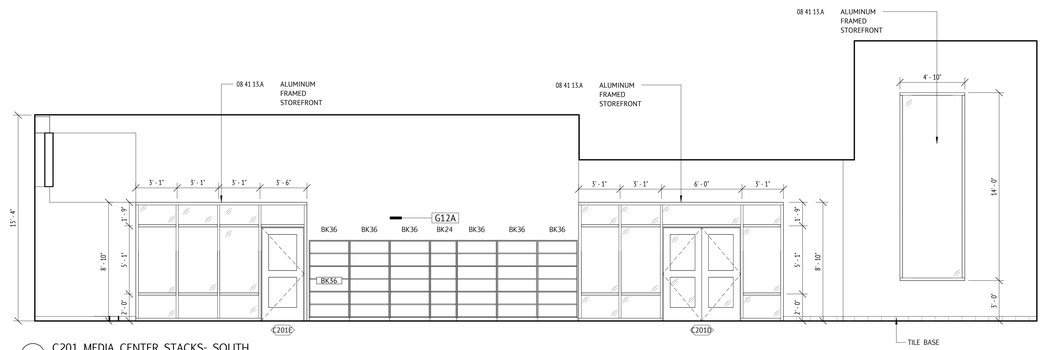
A416



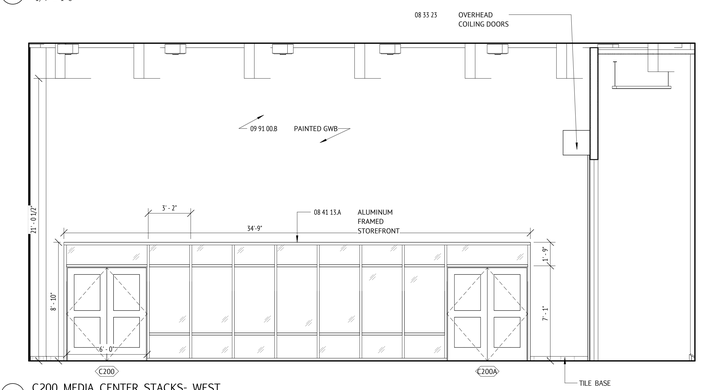
B1 A115H MEDIA CENTER STACKS- NORTH
1/4" = 1'-0"



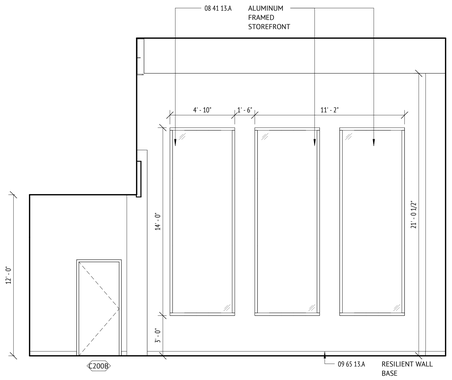
B5 C201B MEDIA CENTER STACKS- EAST
1/4" = 1'-0"



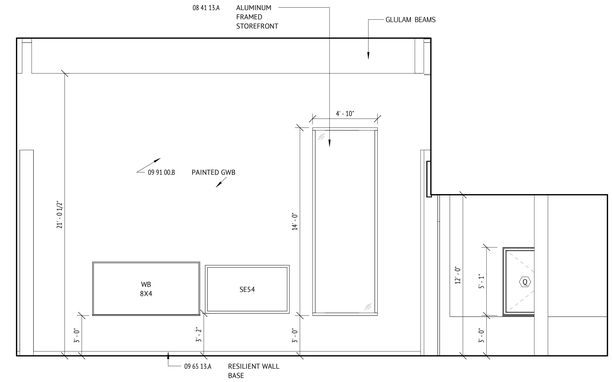
C1 C201 MEDIA CENTER STACKS- SOUTH
1/4" = 1'-0"



D6 C200 MEDIA CENTER STACKS- WEST
1/4" = 1'-0"



E1 MEDIA CENTER-READING ROOM - NORTH
1/4" = 1'-0"



E3 MEDIA CENTER-READING ROOM - SOUTH
1/4" = 1'-0"



G4 C201 MEDIA CENTER ENTRANCE



G7 C201 MEDIA CENTER (2)

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

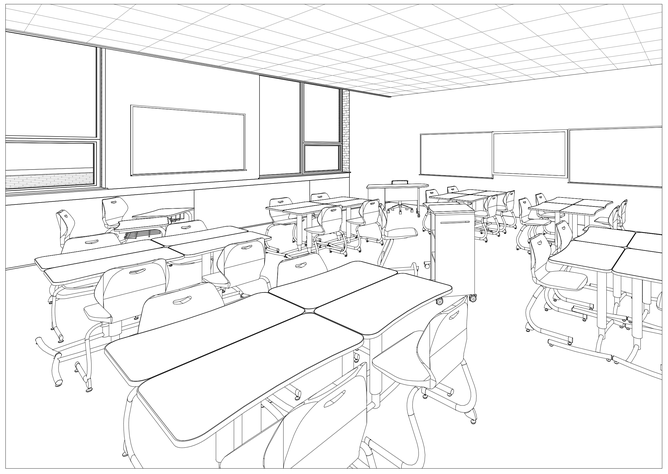
INTERIOR ELEVATIONS- MEDIA CENTER

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

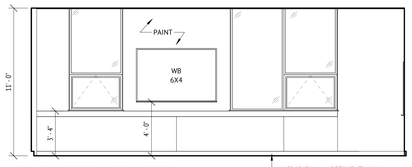
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

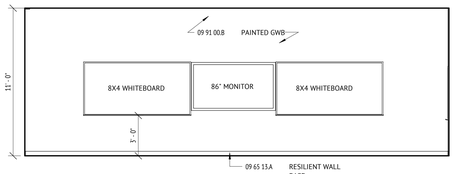
A417



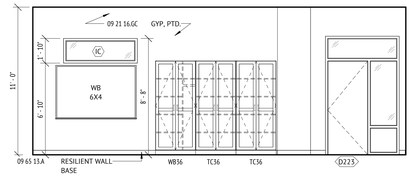
C1 CLASSROOM TYP. 3D VIEW



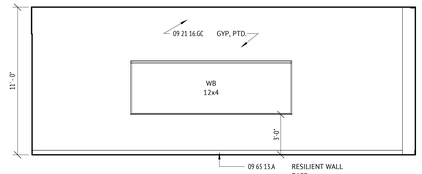
A4 CLASSROOM TYP. NORTH
1/4" = 1'-0"



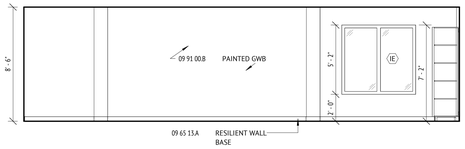
A5 CLASSROOM TYP. EAST
1/4" = 1'-0"



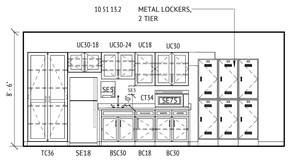
B4 CLASSROOM TYP. SOUTH
1/4" = 1'-0"



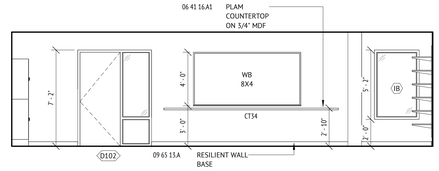
B5 CLASSROOM TYP. WEST
1/4" = 1'-0"



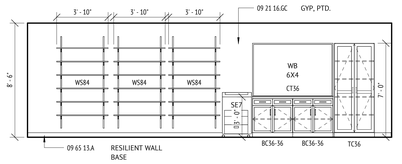
D1 D102 TEACHER PLANNING - NORTH
1/4" = 1'-0"



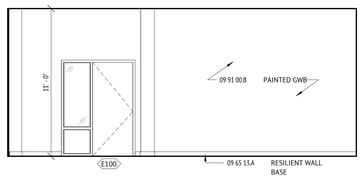
D3 D102 TEACHER PLANNING - EAST
1/4" = 1'-0"



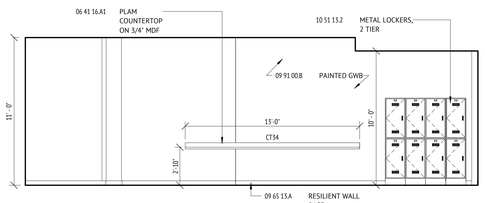
D4 D102 TEACHER PLANNING - SOUTH
1/4" = 1'-0"



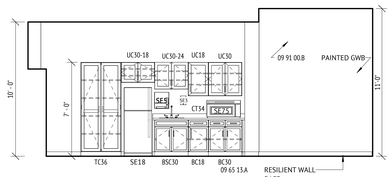
D6 D102 TEACHER PLANNING - WEST
1/4" = 1'-0"



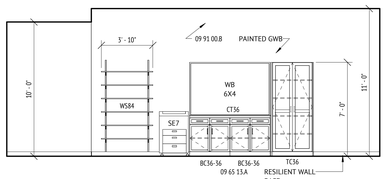
E1 E100 TEACHER PLANNING - NORTH
1/4" = 1'-0"



E2 E100 TEACHER PLANNING - EAST
1/4" = 1'-0"



E5 E100 TEACHER PLANNING - SOUTH
1/4" = 1'-0"



E6 E100 TEACHER PLANNING - WEST
1/4" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

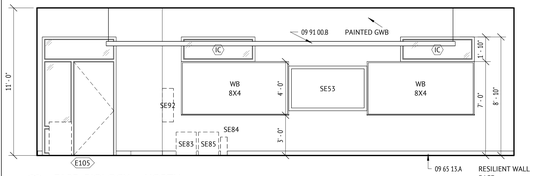
INTERIOR ELEVATIONS - TYP CLASSROOMS & TEACHER PLANNING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

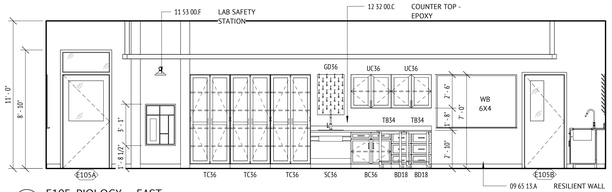
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	JD
REVISIONS:	

DD SET

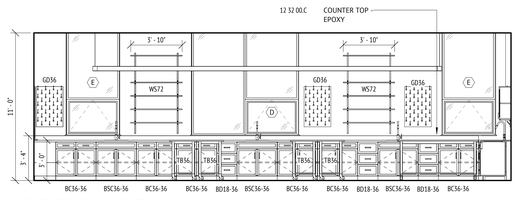
A418



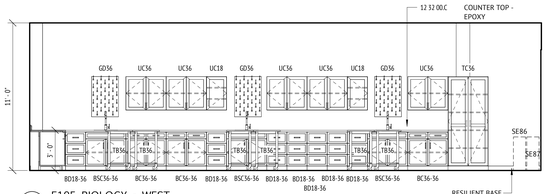
A1 E105 BIOLOGY - NORTH
1/4" = 1'-0"



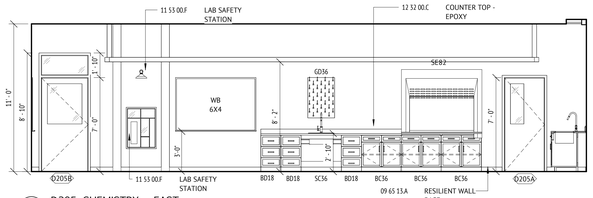
A3 E105 BIOLOGY - EAST
1/4" = 1'-0"



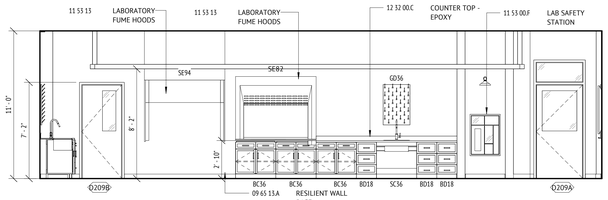
A5 E105 BIOLOGY - SOUTH
1/4" = 1'-0"



A7 E105 BIOLOGY - WEST
1/4" = 1'-0"



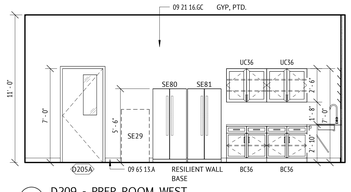
B1 D205 CHEMISTRY - EAST
1/4" = 1'-0"



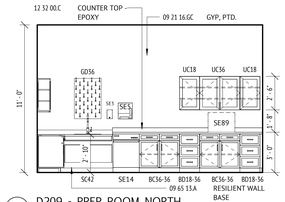
B3 D209 AP CHEMISTRY - WEST
1/4" = 1'-0"



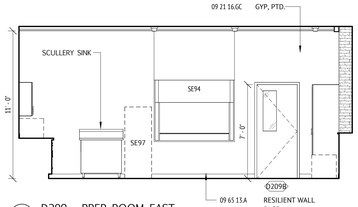
D6 LAB TYP. 3D VIEW



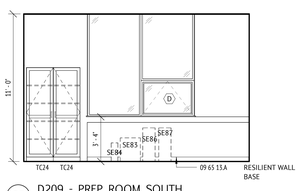
C1 D209 - PREP ROOM WEST
1/4" = 1'-0"



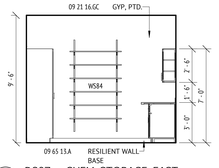
C2 D209 - PREP ROOM NORTH
1/4" = 1'-0"



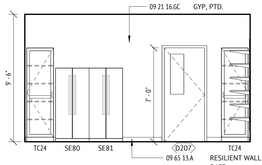
C3 D209 - PREP ROOM EAST
1/4" = 1'-0"



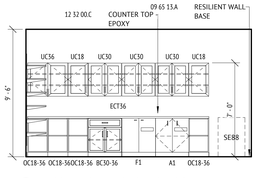
C5 D209 - PREP ROOM SOUTH
1/4" = 1'-0"



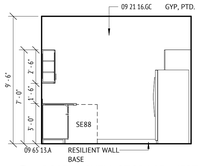
D1 D207 - CHEM STORAGE EAST
1/4" = 1'-0"



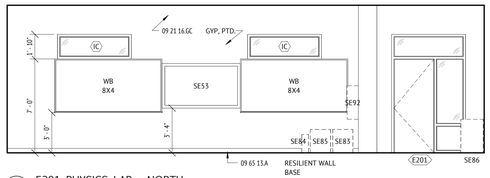
D2 D207 - CHEM STORAGE NORTH
1/4" = 1'-0"



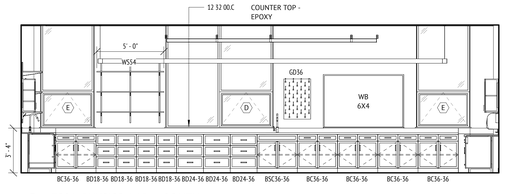
D3 D207 - CHEM STORAGE SOUTH
1/4" = 1'-0"



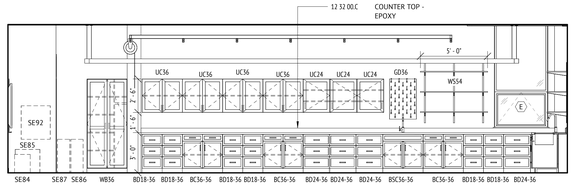
D4 D207 - CHEM STORAGE WEST
1/4" = 1'-0"



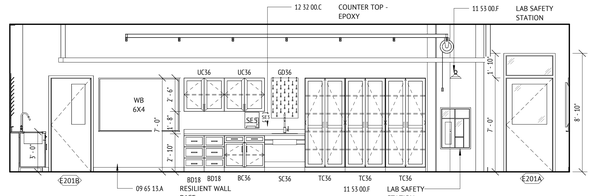
E1 E201 PHYSICS LAB - NORTH
1/4" = 1'-0"



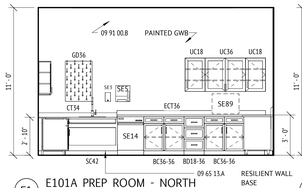
E3 E201 PHYSICS LAB - SOUTH
1/4" = 1'-0"



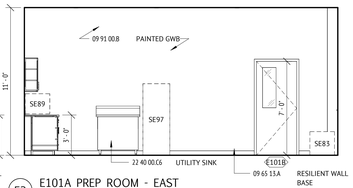
E4 E201 PHYSICS LAB - EAST
1/4" = 1'-0"



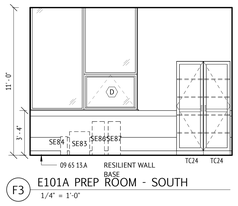
E7 E201 PHYSICS LAB - WEST
1/4" = 1'-0"



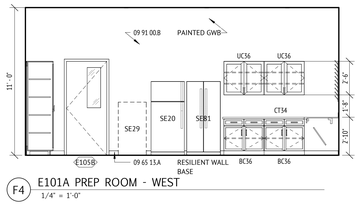
F1 E101A PREP ROOM - NORTH
1/4" = 1'-0"



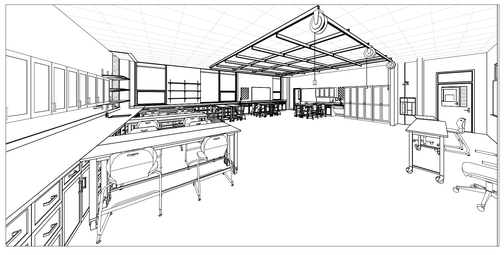
F2 E101A PREP ROOM - EAST
1/4" = 1'-0"



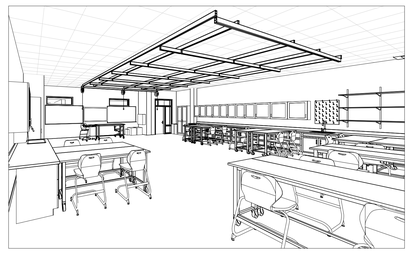
F3 E101A PREP ROOM - SOUTH
1/4" = 1'-0"



F4 E101A PREP ROOM - WEST
1/4" = 1'-0"



F6 E201 LAB



F8 E201 LAB (2)

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

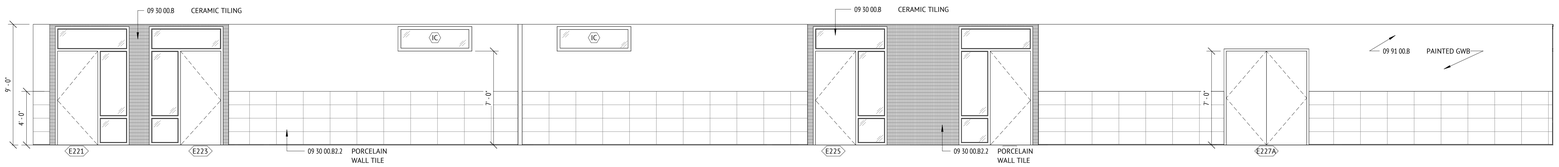
INTERIOR ELEVATIONS- TYPICAL LABS AND PREP ROOMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

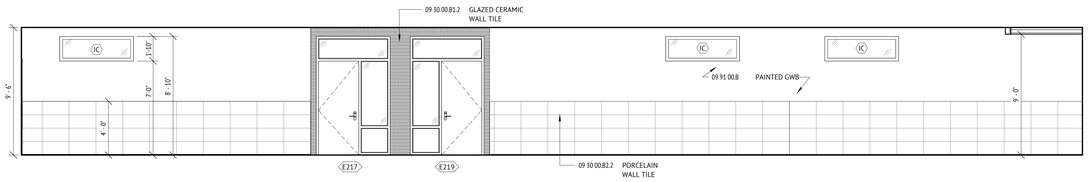
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

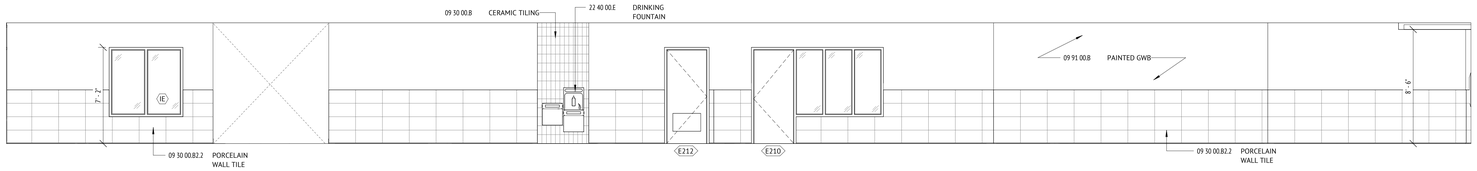
A419



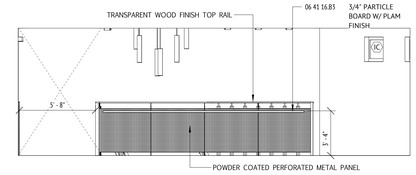
A1 E22 CORRIDOR - NORTH
1/4" = 1'-0"



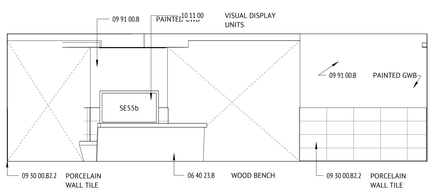
B1 E22 CORRIDOR - NORTHWEST
1/4" = 1'-0"



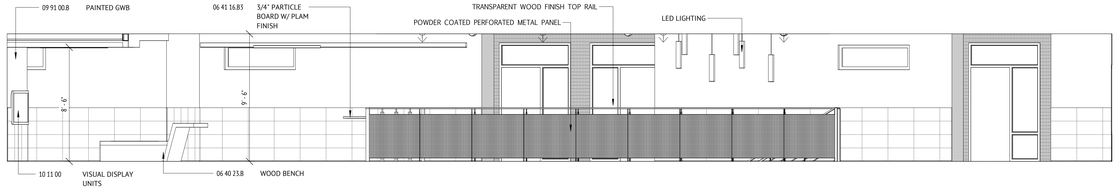
C1 E22 CORRIDOR - SOUTH
1/4" = 1'-0"



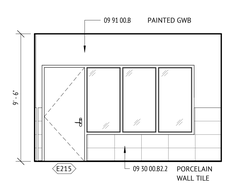
C7 E22 CORRIDOR STAIRS - WEST
1/4" = 1'-0"



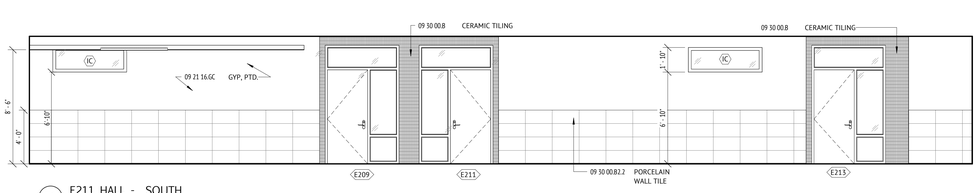
D1 E22 CORRIDOR BENCH AREA
1/4" = 1'-0"



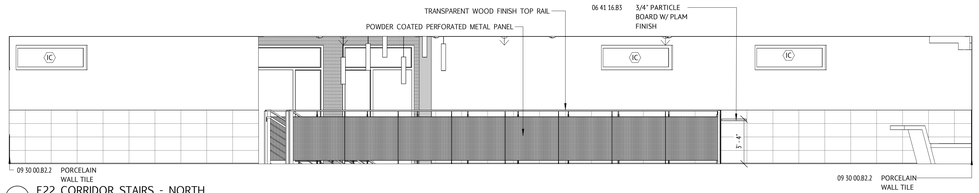
D3 E22 CORRIDOR STAIRS - SOUTH
1/4" = 1'-0"



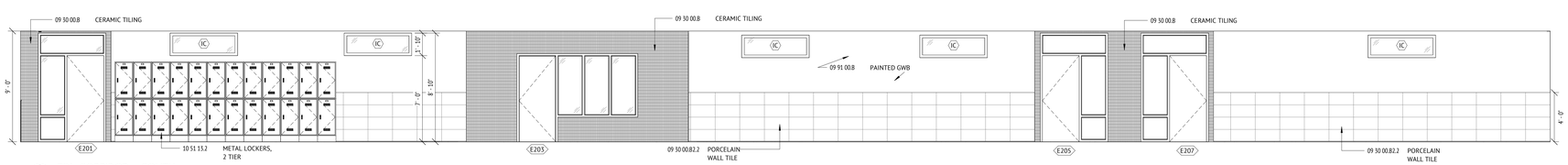
D5 E22 CORRIDOR - WEST
1/4" = 1'-0"



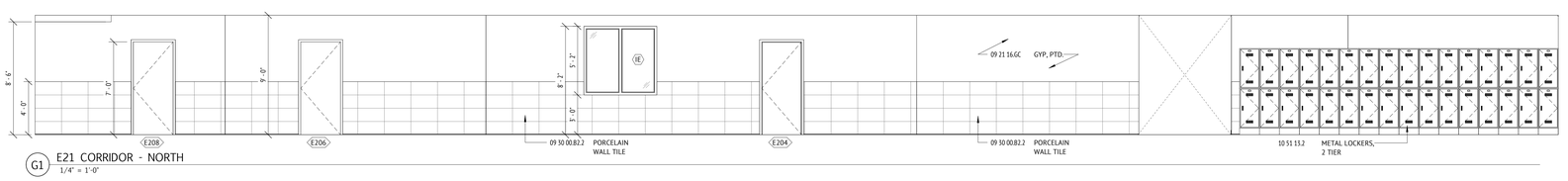
E1 E211 HALL - SOUTH
1/4" = 1'-0"



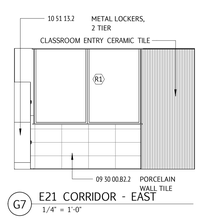
E5 E22 CORRIDOR STAIRS - NORTH
1/4" = 1'-0"



F1 E21 CORRIDOR - SOUTH
1/4" = 1'-0"



G1 E21 CORRIDOR - NORTH
1/4" = 1'-0"



G7 E21 CORRIDOR - EAST
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

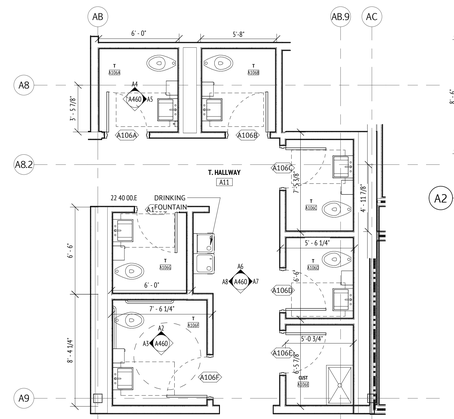
INTERIOR ELEVATIONS-2ND FLOOR E WING CIRCULATION

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

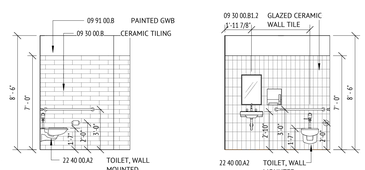
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

A420

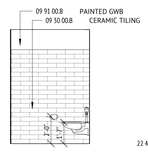


B1 106A-106G - A WING - TOILETS
1/4" = 1'-0"

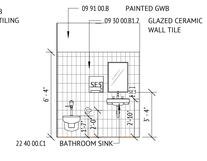


A2 A106F - ACESSIBLE TOILET - NORTH
1/4" = 1'-0"

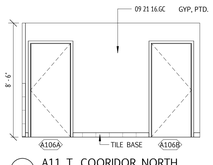
A3 A106F- ACCESSIBLE TOILET- WEST
1/4" = 1'-0"



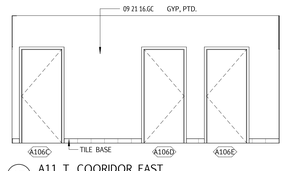
A4 A106A -TOILET - NORTH
1/4" = 1'-0"



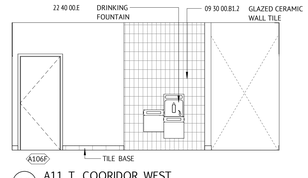
A5 A106A - TOILET - EAST
1/4" = 1'-0"



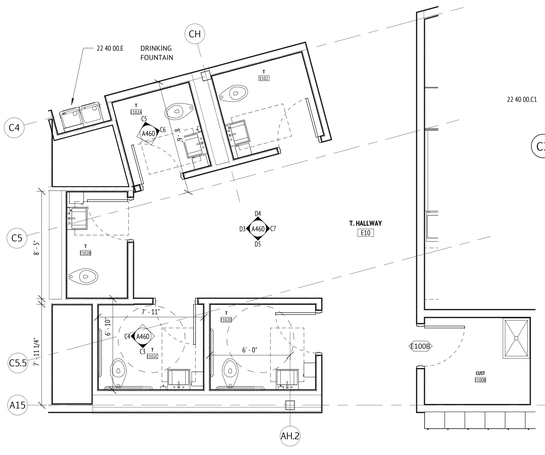
A6 A11 T. COORIDOR NORTH
1/4" = 1'-0"



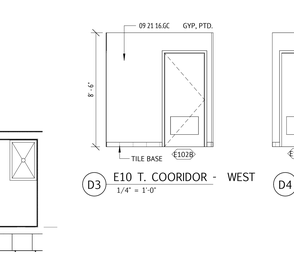
A7 A11 T. COORIDOR EAST
1/4" = 1'-0"



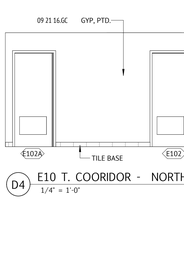
A8 A11 T. COORIDOR WEST
1/4" = 1'-0"



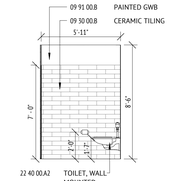
D1 102A-102D - E WING - TOILETS
1/4" = 1'-0"



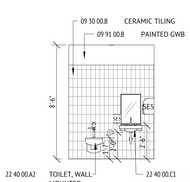
C3 E102C - ACCESSIBLE TOILET - SOUTH
1/4" = 1'-0"



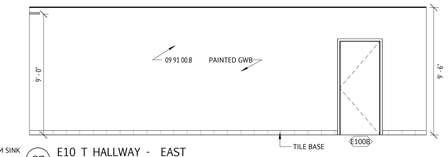
C4 E102C - ACCESSIBLE TIOLET - WEST
1/4" = 1'-0"



C5 E102A - TOILET - NORTH
1/4" = 1'-0"



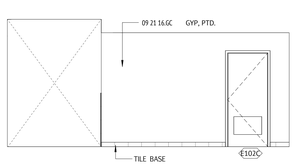
C6 E102A - TOILET - EAST
1/4" = 1'-0"



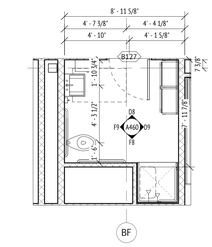
C7 E10 T HALLWAY - EAST
1/4" = 1'-0"

D3 E10 T. COORIDOR - WEST
1/4" = 1'-0"

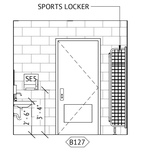
D4 E10 T. COORIDOR - NORTH
1/4" = 1'-0"



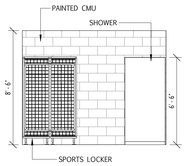
D5 E10 T. COORIDOR - SOUTH
1/4" = 1'-0"



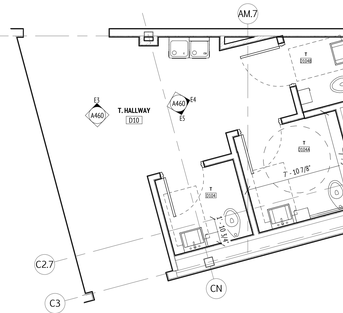
D7 B127 T. - PLAN
1/4" = 1'-0"



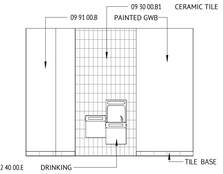
D8 B127 T. - NORTH
1/4" = 1'-0"



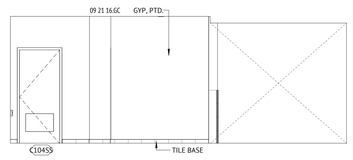
D9 B127 T.- EAST
1/4" = 1'-0"



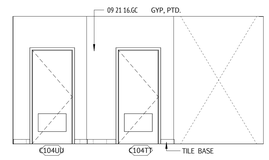
F1 118 A-D - D WING- BATHROOMS
1/4" = 1'-0"



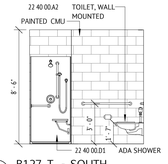
E3 D10 T. COORIDOR - NORTH D WING
1/4" = 1'-0"



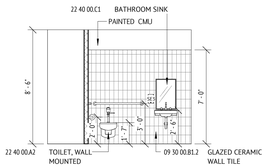
E4 D10 T. COORIDOR - EAST D WING
1/4" = 1'-0"



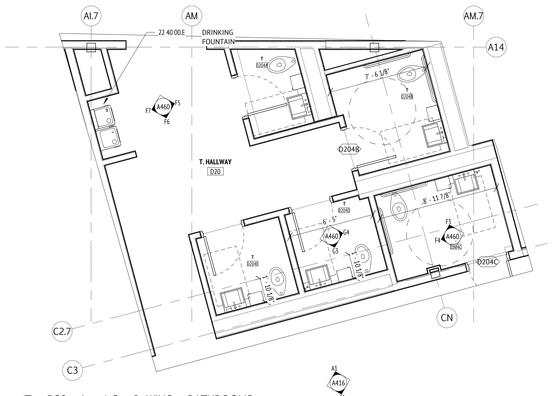
E5 D10 T. COORIDOR - SOUTH D WING
1/4" = 1'-0"



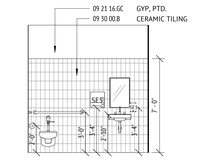
F8 B127 T. - SOUTH
1/4" = 1'-0"



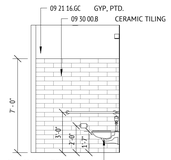
F9 B127 T. - WEST
1/4" = 1'-0"



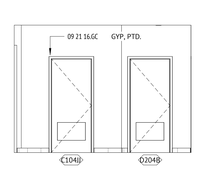
G1 D20 - Level 2 - D WING - BATHROOMS
1/4" = 1'-0"



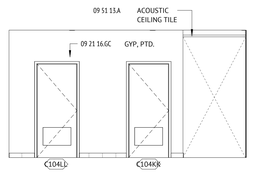
F3 C204C ACCESSIBLE TOILET- NORTH
1/4" = 1'-0"



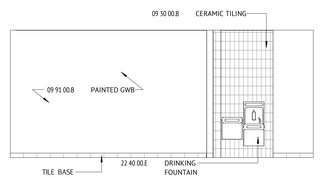
F4 C204C ACCESSIBLE TOILET - WEST
1/4" = 1'-0"



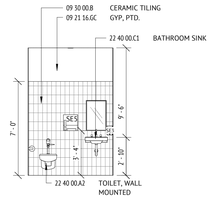
F5 D20 T. HALLWAY - SECOND FLOOR - EAST
1/4" = 1'-0"



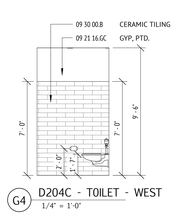
F6 D20 T. HALLWAY - SECOND FLOOR - SOUTH
1/4" = 1'-0"



F7 D20 T. COORIDOR - SECOND FLOOR - WEST
1/4" = 1'-0"



G3 D204C TOILET - SOUTH
1/4" = 1'-0"



G4 D204C - TOILET - WEST
1/4" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

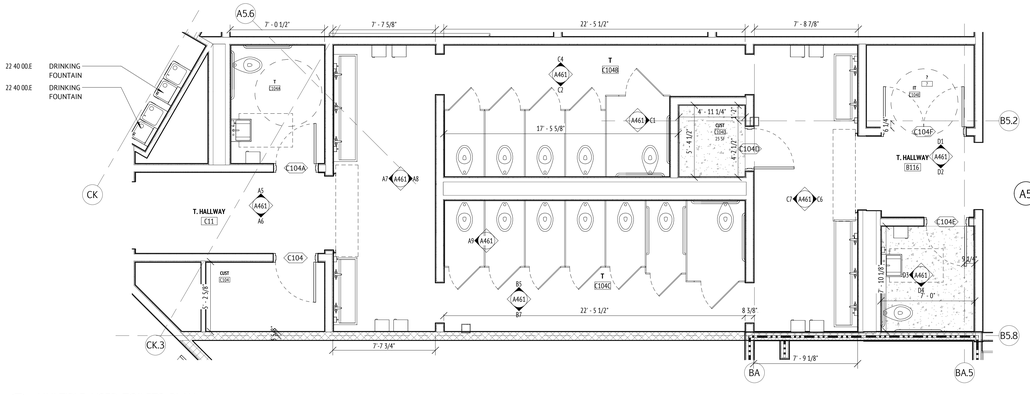
BATHROOMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

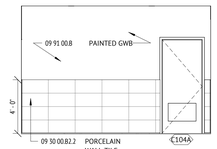
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

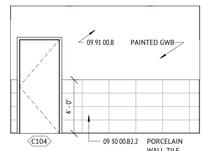
A460



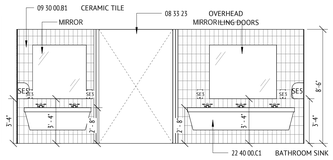
B1 MULTIPLE USER TOILETS PLAN
1/4" = 1'-0"



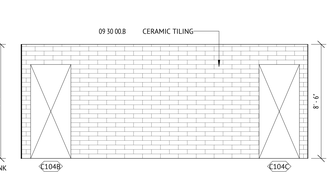
A5 C11 T. HALLWAY - NORTH
1/4" = 1'-0"



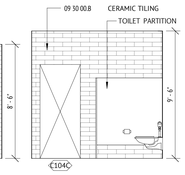
A6 C11 T. HALLWAY - SOUTH
1/4" = 1'-0"



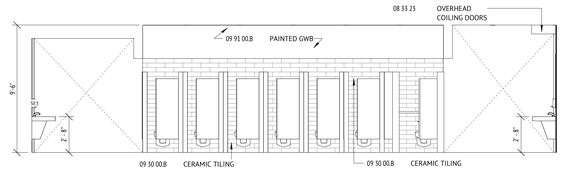
A7 C104B & C104C T. - WEST
1/4" = 1'-0"



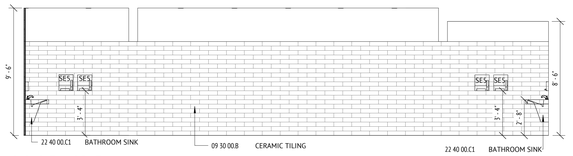
A8 C104B & C104C T. - INTERIOR EAST
1/4" = 1'-0"



A9 C104B & C104C T. - INTERIOR
1/4" = 1'-0"



B5 C104C T. - NORTH
1/4" = 1'-0"



B7 C104C T. - SOUTH
1/4" = 1'-0"

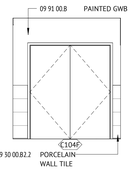
C1 C104B T. - EAST STALL
1/4" = 1'-0"

C2 C104B T. - SOUTH
1/4" = 1'-0"

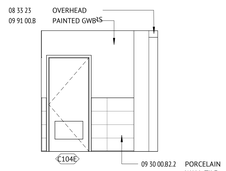
C4 C104B T. - NORTH
1/4" = 1'-0"

C6 C104B & C104C T. - EAST
1/4" = 1'-0"

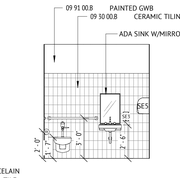
C7 C104B & C104C T. - INTERIOR WEST
1/4" = 1'-0"



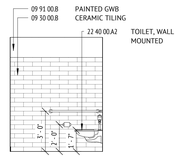
D1 B116 T. HALLWAY - NORTH
1/4" = 1'-0"



D2 B116 T. HALLWAY - SOUTH
1/4" = 1'-0"



D3 C104F T. - WEST
1/4" = 1'-0"



D4 C104F T. - SOUTH
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

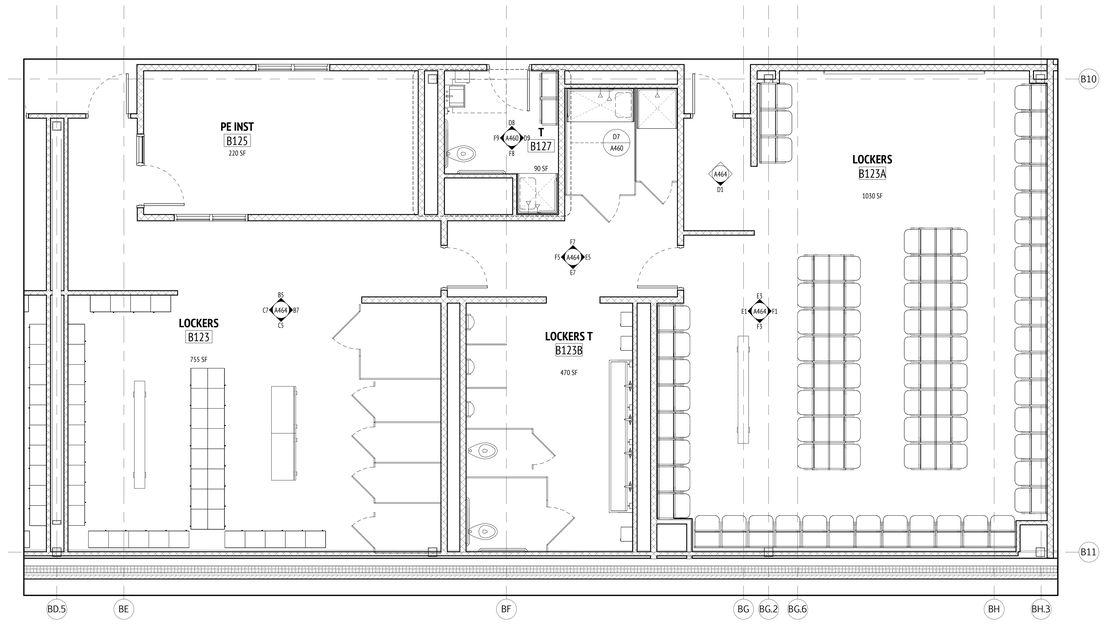
BATHROOMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

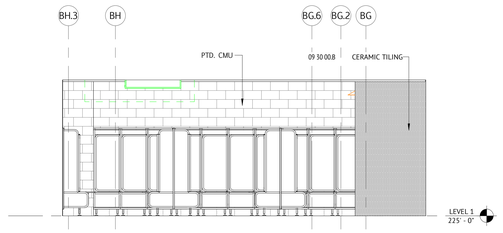
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

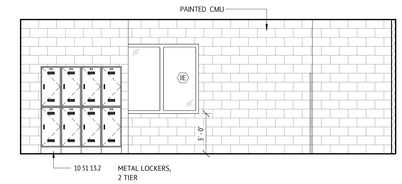
DD SET

A461

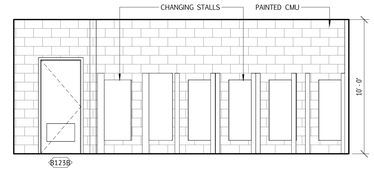


C1 B110-LOCKER ROOM PLAN
1/4" = 1'-0"

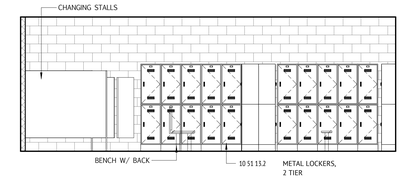




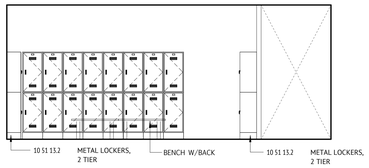
B5 B110-LOCKER ROOM-WEST
1/4" = 1'-0"



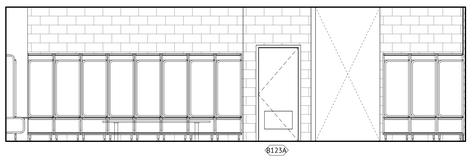
B7 B110-LOCKER ROOM-NORTH
1/4" = 1'-0"



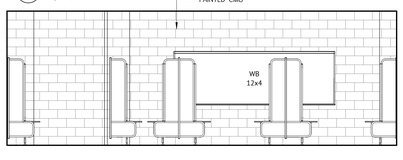
C5 B110-LOCKER ROOM-EAST
1/4" = 1'-0"



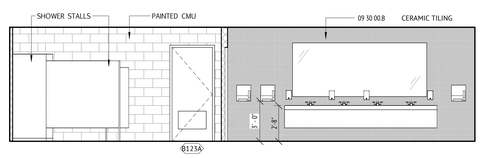
C7 B110-LOCKER ROOM-SOUTH
1/4" = 1'-0"



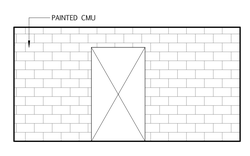
E1 B110-TEAM LOCKER ROOM-SOUTH
1/4" = 1'-0"



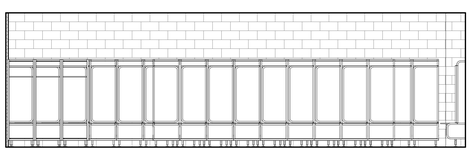
D1 B123 LOCKER ROOM ENTRANCE - SOUTH
1/4" = 1'-0"



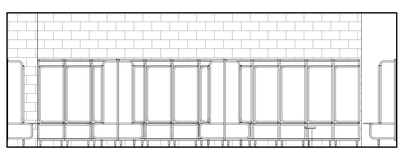
E5 B110-LOCKER ROOM TOILET-NORTH
1/4" = 1'-0"



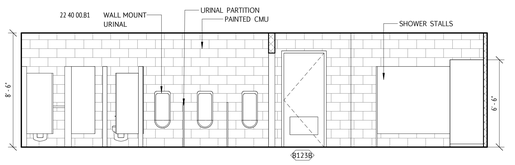
E7 B110-LOCKER ROOM TOILET-EAST
1/4" = 1'-0"



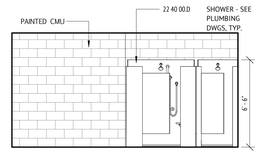
F1 B110-TEAM LOCKER ROOM-NORTH
1/4" = 1'-0"



F3 B110-TEAM LOCKER ROOM-EAST
1/4" = 1'-0"



F5 B110-LOCKER ROOM TOILET-SOUTH
1/4" = 1'-0"



F7 B110-LOCKER ROOM TOILET-WEST
1/4" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LOCKER ROOMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

A464

WHITEBOARD AND DISPLAY SCREEN SCHEDULE

Count	Description
74	Whiteboard 6x4
131	Whiteboard 8x4
47	Whiteboard 12x4

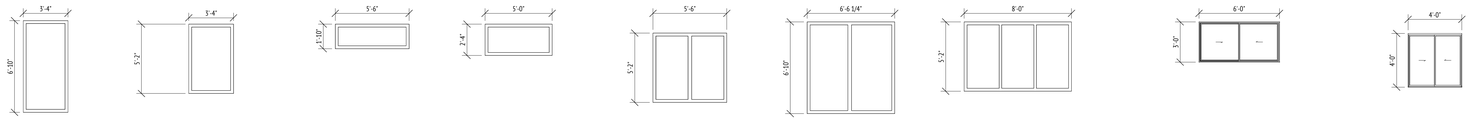
INTERIOR WINDOW SCHEDULE

Type Mark	Rough Width	Rough Height	Count	Comments
IA	3' - 4"	6' - 10"	3	FIXED
IB	3' - 4"	5' - 2"	9	<varies>
IC	5' - 6"	1' - 10"	56	<varies>
ID	5' - 0"	2' - 4"	3	FIXED
IE	5' - 6"	5' - 2"	24	FIXED
IF	6' - 6 1/4"	6' - 10"	2	FIXED
IH	6' - 0"	5' - 0"	2	AUDITORIUM CONTROL ROOM
T1	4' - 0"	4' - 0"	3	TRANSACTION WINDOW

SPECIALITY EQUIPMENT SCHEDULE

Type Mark	Description	Equipment: Owner Furnished	Equipment: Owner Install
SE1	Microwave Cabinet with Oven		
SE2	Display Case		
SE3	Soap Dispenser	Yes	No
SE4	Hydraulic Changing Station	Yes	
SE5	Paper Towel Dispenser	Yes	
SE7	Copier	Yes	Yes
SE9	Printer - Desktop	Yes	Yes
SE10	Large Copier	Yes	Yes
SE12	Cooktop		
SE13	Culinary Dishwasher		
SE14	Dishwasher		
SE15	Mini-Fridge		
SE16	Refrigerator - Side by Side		
SE18	Refrigerator -11.6 CF		
SE19	Refrigerator - 16 CF		
SE20	Refrigerator - 18 CF		
SE21	Cooking Range		
SE22	Dryer		
SE23	Washer		
SE24	Stacked Washer-Dryer		
SE25	Ice Machine		
SE27	Flat Screen Cart	Yes	Yes
SE29	Water Distiller	Yes	Yes
SE35	Hydraulic Paper Cutter	Yes	Yes
SE36	Laser Cutter	Yes	Yes
SE41	Vinyl Cutter 54"	Yes	Yes
SE43	Stage Main Curtain		
SE45	Ceiling-Hung, Front-Fold, Front-Braced Basketball Backstop		
SE46	Basketball Scoreboard		
SE47	Gym Divider		
SE48	Wrestling Mat Storage System		
SE49	Athletic Rehab Whirlpool		
SE50	40' Long Bleachers		
SE53	Flat Panel Display - 80" Diagonal	Yes	Yes
SE53b	Flat Panel Display - 80" Diagonal	Yes	
SE54	Flat Panel Display - 86" Diagonal	Yes	Yes
SE55	Flat Panel Display - 60" Diagonal	Yes	Yes
SE55b	Flat Panel Display - 60" Diagonal	Yes	
SE61	Monotype Press	Yes	Yes
SE62	KILN		
SE70	3D Printer	Yes	Yes
SE75	16"x 30"x 16" Microwave		
SE80	Lab Refrigerator - Side by Side		
SE81	Lab Freezer- Side by Side		
SE82	72" SINGLE SIDED LAB HOOD		
SE83	BIOHAZARD BIN	Yes	Yes
SE84	BIOHAZARD SHARPS BIN	Yes	Yes
SE85	CHEMICAL WASTE BIN	Yes	Yes
SE86	GENERAL LAB WASTE	Yes	Yes
SE87	LAB RECYCLING	Yes	Yes
SE88	UTILITY CART	Yes	Yes
SE89	ELECTRIC AUTOCLAVE	Yes	Yes
SE90	Electric Bunsen Burner	Yes	Yes
SE91	Electric Scale	Yes	Yes
SE92	Goggle Sanitizer Cabinet	Yes	
SE93	Student Microscope	Yes	Yes
SE94	72" DOUBLE SIDED LAB HOOD		
SE96	Point-of-Use Water Polisher	Yes	Yes
SE97	Ice Machine with Bin		
SE98	48" SINGLE SIDED HOOD		
SE99	Curtain Track		
Grand total: 480			

INTERIOR WINDOWS



IA IB IC ID IE IF IG IH T1

SKYLIGHTS



S1

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

INTERIOR SCHEDULES & DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

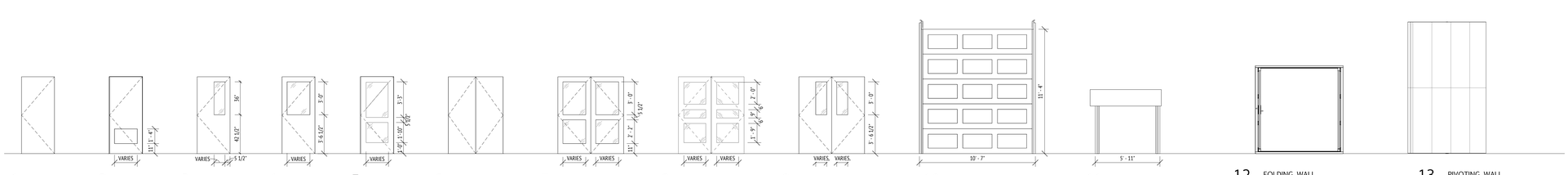
A473

DD DOOR SCHEDULE

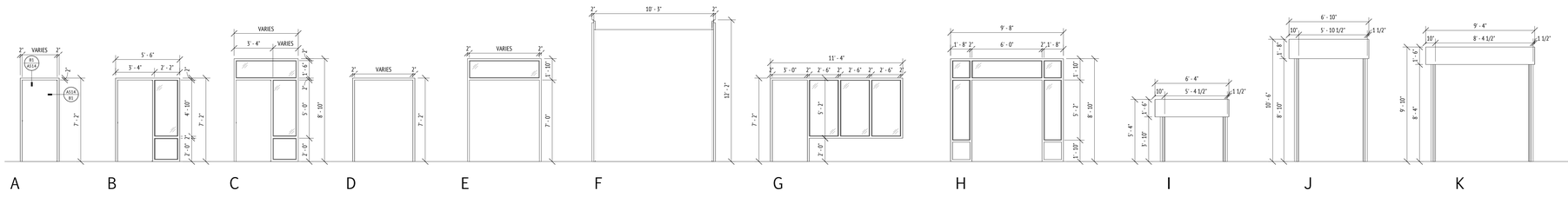
#	FROM	TO	DOOR WIDTH	DOOR HEIGHT	DOOR MAT	DOOR TYPE	DOOR THICK	FRAME MAT	FRAME TYP E	FRAME SILL	FIRE RATI NG	STC RATING	NOTES
A_Exterior													
D105BA	D105A	D105B	3' - 0"	7' - 0"	FG	4	0' - 1 3/4"	FG	A	r			
X101		V01A	6' - 4"	6' - 8 3/4"	ALUM	7	0' - 1 3/4"	ALUM		d			
X102		V01A	6' - 4"	6' - 11 1/4"	ALUM	7	0' - 1 3/4"	ALUM		d			
X103	B10		5' - 8"	6' - 11"	ALUM	9	0' - 1 3/4"	ALUM		b			
X103A			7' - 6"		MTL			MTL		i	1 HR		1-HR FIRE DOOR
X104	V02		6' - 1 1/2"	6' - 11 1/4"	ALUM	9	0' - 1 3/4"	ALUM		c			
X105	B129		8' - 0"	8' - 0"		11		MTL		c			
X106	B12		6' - 0"	7' - 0"	MTL	9	0' - 1 3/4"	MTL		b			
X107	C119A		10' - 0"	11' - 4"		11		MTL		c			
X108	C119		6' - 0"	7' - 0"	MTL	9	0' - 1 3/4"	MTL		c			
X109		C113	3' - 0"	7' - 0"	MTL		0' - 1 3/4"	MTL		c			
X110	V03		6' - 4 1/2"	6' - 11 1/4"	ALUM	8	0' - 1 3/4"	ALUM		d			
X111		D105B	3' - 0"	7' - 0"	ALUM	5	0' - 1 3/4"	ALUM					
X112		D105B	3' - 0"	7' - 0"	FG	1	0' - 1 3/4"	FG	A	h			
X113		V04	6' - 0"	6' - 11 1/4"	ALUM	7	0' - 1 3/4"	ALUM		d			
X114	V05		6' - 0"	6' - 11 1/4"	ALUM	7	0' - 1 3/4"	ALUM		d			
X115	E11		6' - 0"	6' - 11 1/4"	ALUM	7	0' - 1 3/4"	ALUM		b			
X116	V06		6' - 4 1/2"	6' - 11 1/4"	ALUM	8	0' - 1 3/4"	ALUM		d			
X117	C103		2' - 10 5/4"	8' - 0 3/4"	ALUM			ALUM		a			
X118	V07		3' - 5 1/4"	6' - 11 1/4"	ALUM	5	0' - 1 3/4"	ALUM		d			
X119	V07		6' - 4 1/2"	6' - 11 1/4"	ALUM	8	0' - 1 3/4"	ALUM		d			
X120	V08		6' - 0 1/2"	6' - 11 1/4"	ALUM	8	0' - 1 3/4"	ALUM		d			
X500			3' - 0"	7' - 0"	FG	1	0' - 1 3/4"	FG	A	i			
A_Interior													
A10	C10	A10	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL		k			
A10A	A10	A103	3' - 0"	7' - 0"	WD	4	0' - 1 3/4"	MTL	A	f			
A11	A12	A11	6' - 0"	7' - 0"	WD	7	0' - 1 3/4"	MTL	E	k			
A12A	C10	A12	6' - 0"	7' - 0"	WD	7	0' - 1 3/4"	MTL	E	k			
A100	A100D	A100D	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	f			
A100A	A100D	A100	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	e			
A100AA	A100B	A100A	3' - 6"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	q	60		
A100AB	A100B	A100A	8' - 0"	12' - 0"		13	0' - 6"			q	45 MIN		
A100AC	A100B	A100A	8' - 0"	12' - 0"		13	0' - 6"			q	45 MIN		
A100BC	A10	A100B	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	i	45 MIN		
A100C	A100G	A10	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	i	45 MIN		
A100CA	A12	A100C	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	i	45 MIN		
A100CB	A100A	A100C	3' - 6"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	q	60		
A100CC	A100A	A100C	8' - 0"	12' - 0"		13	0' - 6"			q	45 MIN		
A100CD	A100A	A100C	8' - 0"	12' - 0"		13	0' - 6"			q	45 MIN		
A100E	A100F	A10	3' - 0"	7' - 0"	WD	5	0' - 1 3/4"	MTL	A	i	45 MIN		
A100EE	A10	A100F	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e	45 MIN		
A100F	A100	A100E	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	e			
A100G	A100E	A100E	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	f			
A100GG	A100G	A100	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e	45 MIN		
A101	C10	A101A	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	f			
A101A	A101A	A101	3' - 0"	7' - 0"	WD	4	0' - 1 3/4"	MTL	A	e			
A101B	V01B	A101A	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A101C	A101	A101C	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A101D	A101	A101D	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	m			
A101E	A101	A101E	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A101F	A101F	A101	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A101G	A101	A101G	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A101H	A10	A101	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	f			
A101J	A101	A101J	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	f			
A102	A102	A10	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	i			
A103C	A103C	A103	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103D	A103	A103D	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103E	A103	A103E	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103F	A103	A103F	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103G	A103	A103G	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103GA	A103G	A101	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103H	C110	A103	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	m			
A103J	A103	A103J	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103J	A103	A103J	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103JA	A103A	A103J	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103JH	A101	C110	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	m			
A103K	A103K	A103A	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A103L	A105	A103	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A				
A104	A104	A10	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	k			
A104A	A104A	A104	3' - 0"	7' - 0"	WD	5	0' - 1 3/4"	MTL	A	f			
A104B	A104	A10	3' - 6"	7' - 0"	WD	4	0' - 1 3/4"	MTL	E	k			
A104C	A104C	A104B	3' - 0"	7' - 0"	WD	5	0' - 1 3/4"	MTL	A	f			
A105	A10	A105	6' - 0"	7' - 0"	WD	7	0' - 1 3/4"	MTL	E	f			
A105A	A105	A105	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A				
A105B	A105	A105B	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A105C	A105	A105C	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A105D	A105	A105D	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A105E	A105E	A105	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A105F	A105F	A105	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A105G	A105	A105G	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A105H	A105	A105H	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	f			
A105I	A105	A105I	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	f			
A105O	B107B	E100O	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A				
A106A	A11	A106A	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	k			
A106B	A11	A106B	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	k			
A106C	A11	A106C	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	k			
A106D	A11	A106D	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	k			
A106E	A11	A106E	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	k			
A106F	A11	A106F	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	k			
A106G	A11	A106G	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	k			
A107	A105	A107	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A107A	A107	A107A	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A107B	A107	A107B	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A107C	A107	A107C	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A107CA	A107	A107C	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
A107D	A107	A107D	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	m			
A107DA	A107D	A107D	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	r			
A107E	A107	A107E	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	m			
A107EA	A107	A107E	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	m			
A107F	A107	A11	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	f			
A108A	A108		3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	h			
A109	A11	A109	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A				
A109A	A109	A109A			WD	5	0' - 1 3/4"	MTL	A	k			
A110	A110	A12	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	f			
A110A	A110	A12	3' - 6"	7' - 0"	WD	4	0' - 1 3/4"	MTL	E	f			
A110B	A104	A110	3' - 0"	7' - 0"	WD	5	0' - 1 3/4"	MTL	A	f			
A111	A11	A111	3' - 6"	7' - 0"	WD	4	0' - 1 3/4"	MTL	E	e			
A112	A112	A12	3' - 0"	7' - 0"	MTL	1	0' - 1 3/4"	MTL	A	i			
A113	A113	A12	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	i			
A113A	A113A	A113	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	m			
A115B	A113	A11	3' - 6"	7' - 0"	WD	4	0' - 1 3/4"	MTL	E	m			
A115	A115	A12	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	i			
A115A	A12	A115	3' - 6"	7' - 0"	WD	4	0' - 1 3/4"	MTL	E	i			
A115B	A115	A115A	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	i			
A116A	A110	A116A	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	e			
A116B	A110	A116B	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	e			
A117	A117	A12	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	i			
A117A	A117A	A117	3' - 0"	7' - 0"	WD	4	0' - 1 3/4"	MTL	A	r			
A117B	A117	A117B	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	h			
A117C	A115A	A117	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	r			
A117D	A117	A12	3' - 6"	7' - 0"	WD	4	0' - 1 3/4"	MTL	E	i			
A200A	A100	A100	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	g			
A200B	A100	A100	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	g			
A200C	A100	E100R	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	h			
A200D		E100R	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	h			
B10	B10	C10	6' - 0"	7' - 0"	MTL	7	0' - 1 3/4"	MTL	H	k			
B11	B11	B11	6' - 0"	7' - 0"	WD	7	0' - 1 3/4"	MTL	E	l			
B12	B12	V02	5' - 7 3/4"	6' - 8 1/2"	ALUM	7	0' - 1 3/4"	ALUM					
B100	B10	B100	3' - 0"	7' - 0"	WD	4	0' - 1 3/4"	MTL	A	l			
B101	B101	B101	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	l			
B101A	B101	B101A	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	l			
B102	B10	B102	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	l			
B103	B103	B10	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	l			
B103A	B105	B103A	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	l			
B104	B104	B10	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	p			
B104A	B104A	B104	6' - 0"	7' - 0"	ALUM	7	0' - 1 3/4"	MTL	E	j			
B104B	B108	B104	3' - 0"	7' - 0"	WD	4	0' - 1 3/4"	MTL	A	q			
B104C	B104	B106	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	s			
B105A	B10	B105	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	G	l			
B105B	B105B	B105A	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
B105D	B105	B105D	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	n			

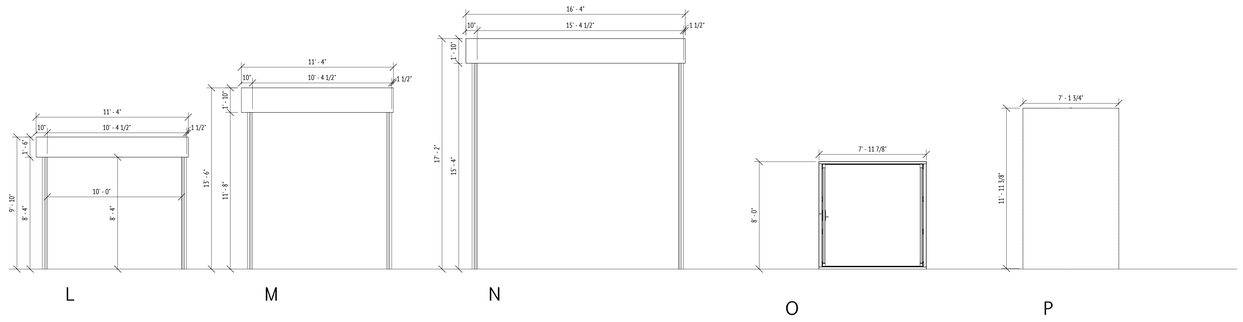
DD DOOR SCHEDULE

#	FROM	TO	DOOR WIDTH	DOOR HEIGHT	DOOR MAT	DOOR TYPE	DOOR THICK	FRAME MAT	FRAME TYP E	FRAME SILL	FIRE RATI NG	STC RATING	NOTES
B105E	B105F	B105E	5' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	m			
B105G	B105	B105G	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	l			
B106	B106	B106	6' - 0"	7' - 0"	WD	7	0' - 1 3/4"	MTL	E	p			
B106A	B106	B106	6' - 0"	7' - 0"	WD	7	0' - 1 3/4"	MTL	E	p			
B106B	B10	B106	3' - 6"	7' - 0"	WD	4	0' - 1 3/4"	MTL	E	p			
B107	B10	B107	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	G	e			
B107A	B107	B105	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	G	e			
B107B	C10	B107B	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	G	f			
B107BA	B107	B107B	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	G	e			
B107C	B107	B107C	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
B107D	B107	B107D	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
B107E	B107	B107E	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
B107F	B107	B107F	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
B107G	B107	B107G	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	e			
B107H	B107	B107H	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
B107I	B107	B107I	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
B108	B108	B12	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	G	n			
B108A	B108	B106	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	q			
B108B	B104	B108	8' - 0"	8' - 0"		12	0' - 2 7/8"			q			FOLDING GLASS WALL AT ALT PE
B109	B11	B109	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	i			
B110	B110	B12	6' - 0"	7' - 0"	MTL	6	0' - 1 3/4"	MTL	D	r			
B111	B11	B111	3' - 0"	7' - 0"	MTL	1	0' - 1 3/4"	MTL	A	r	120		
B111A		B111	3' - 0"	7' - 0"	MTL	1	0' - 1 3/4"	MTL	A	h	90		
B113	B113	B11	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
B117	B117A	B117A	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	n			
B117A	B117A	B117B	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	l			
B117C	B117	B117B	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	l			
B117D	B117	B117	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	n			
B119	B119	B12	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	l			
B121	B117	B121	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
B123	B123A	B123A	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	n			
B123A	B123A	B123B	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	l			
B123B	B123	B123B	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	l			
B123D	B123	B125	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	n			
B125	B123	B125	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
B127	B127	B12	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	l			
B129	V02	B129	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	h			
C10	C10	V05	5' - 8"	6' - 11"	ALUM	7	0' - 1 3/4"	ALUM		e			
C10A	C10	V04	6' - 0"	6' - 11"	ALUM	7	0' - 1 3/4"	ALUM					
C11A	C104C	C11	5' - 6"	8' - 6"		11		MTL		k			
C12	C12	B11	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	l			
C12A	C12		5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	l			
C101	C101	C10	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	i			
C103	C103	C10	6' - 0"	7' - 0"	WD		0' - 1 3/4"	MTL		f			
C103A	C103	C10	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	k			
C104	C11	C104	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	k			
C104A	C11	C104A	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	k			
C104BB	C102	C12	3' - 0"	7' - 0"	MTL	1	0' - 1 3/4"	MTL	A	i			
C104CC	C102	C12	6' - 0"	7' - 0"	MTL	6	0' - 1 3/4"	MTL	D	i			
C104D	C104D	C104B	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	k			
C104E	C104F	B116	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	k			
C104EE	A11	A108	5' - 0"	7' - 0"	MTL	1	0' - 1 3/4"	MTL	A	i			
C104F	B116	C104E	6' - 0"	7' - 0"	MTL	6	0' - 1 3/4"	MTL	D	k			
C104U	D20	D204A	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	k			
C104KK	D20	D204E	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	k			
C104LL	D20	D204D	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	k			
C104P	B104B	B104A	3' - 0"	7' - 0"	MTL	1	0' - 1 3/4"	MTL	A	h			
C104SS	D104B	D10	3' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	k			
C104TT	D10	D104	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	k			
C104U	C107		5' - 0"	5' - 6"		11				o			
C104UU	D10	D104A	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	k			
C104Z	D10	D106	3' - 0"	7' - 0"	MTL	1	0' - 1 3/4"	MTL	A	r			
C105	C105	C100	10' - 0"	8' - 0"		12		MTL		o			SERVERY
C105A	C105	C100	10' - 0"	8' - 0"		12		MTL		o			SERVERY
C105B	C105	D12	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	o			
C106	C10	C106	3' - 1 1/8"	6' - 11 1/4"	ALUM	5	0' - 1 3/4"	ALUM		f			
C106A	C106	C108	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	e			
C107	C12	C107	6' - 0"	7' - 0"	MTL	6	0' - 1 3/4"	MTL	D	o			
C107A	C107A	C107	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
C107B	C107B	C107	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
C107C	C107	C105	6' - 0"	7' - 0"	WD	9	0' - 1 3/4"	MTL	D	n			
C107D	C107	C107	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	n			
C107F	C107	C105	5' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	n			
C107G	C105	C107	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	n			
C107H	C107	C100	3' - 6"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	o			SERVERY
C107I	C107		3' - 6"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	o			
C108	C108	C10	3' - 1 1/8"	6' - 11 1/4"	ALUM	5	0' - 1 3/4"	ALUM		f			
C109	D12	C109	6' - 0"	7' - 0"	WD	6	0' - 1 3/4"	MTL	D	t			
C109A	C111	C109	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
C111	D12	C111	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
C111A	C111A	C111	3' - 0"	7' - 0"	WD	5	0' - 1 3/4"	MTL	A	n			
C113	D12	C113	5' - 0"	7' - 0"	MTL	6	0' - 1 3/4"	MTL	D	r			
C113A	C113A	C113	5' - 0"	7' - 0"	MTL	A	0' - 1 3/4"	MTL	A	h	90		
C115	C107	C115	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	n			
C116A	C104B	B116	5' - 6"	8' - 6"		11		MTL		k			
C119	C119B	C12	6' - 0"	7' - 0"	MTL	6	0' - 1 3/4"	MTL	D	k			
C200	C200	C200	5' - 10 1/2"	6' - 11 1/4"	ALUM	7	0' - 1 3/4"	ALUM		f			
C200A	C200	C200	5' - 10 3/4"	6' - 11 1/4"	ALUM	7	0' - 1 3/4"	ALUM		f			
C200B	E100R	C200	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	g			
C201A	C201	C201A	3' - 0 1/2"	6' - 11 1/4"	ALUM	5	0' - 1 3/4"	ALUM		e			
C201B	C201	C201B	5' - 0 1/2"	6' - 11 1/4"	ALUM	5	0' - 1 3/4"	ALUM		e			
C201C	C201	C201C	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	e			
C201D	C21	C201	5' - 8 1/2"	6' - 11 1/4"	ALUM	7	0' - 1 3/4"	ALUM		k			
C201E	C21	C201	3' - 1 1/8"	6' - 11 1/4"	ALUM	5	0' - 1 3/4"	ALUM		f			
C202	C21	C202	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	G	l			
C202A	C202	C202A	7' - 0"	7' - 0"	MTL		0' - 1 3/4"	MTL	D	n			
C205			15' - 0"	15' - 0"		11		MTL		k			
D10	D10	C10	6' - 0"	7' - 0"	MTL	7	0' - 1 3/4"	MTL	H	e			
D12	D12	C10	6' - 0"	7' - 0"	MTL	7	0' - 1 3/4"	MTL	H	f			
D20	D20	C21	6' - 0"	7' - 0"	MTL	7	0' - 1 3/4"	MTL	H	e			
D22	D22	C21	6' - 0"	7' - 0"	MTL	7	0' - 1 3/4"	MTL	H	e			
D100	D10	D100	3' - 0"	7' - 0"	MTL	1	0' - 1 3/4"	MTL	A	r	90		
D101	D101	D10	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	r			
D102	D102	D10	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	r			
D103	D103	D10	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	r			
D105	D105	D105	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
D105A	D10	D105	3' - 6"	7' - 0"	WD	4	0' - 1 3/4"	MTL	E	n			
D105B	D105	D105A	3' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	n			
D107	D107	D10	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	G	m			
D108	D108	D12	3' - 0"	7' - 0"	MTL	1	0' - 1 3/4"	MTL	A	m			
D109	D109	D109	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
D109A	D10	D109	3' - 6"	7' - 0"	WD	4	0' - 1 3/4"	MTL	E	n			
D109B	D105A	D109	5' - 0"	7' - 0"	WD	3	0' - 1 3/4"	MTL	A	n			
D110	D12	D110	5' - 0"	7' - 0"	MTL	2	0' - 1 3/4"	MTL	A	l			
D111	D111	D10	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
D112	D12	D112	3' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	r			
D112A	D10	D112	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	r			
D113	D10	D113	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	A	n			
D115	D115	D10	5' - 0"	7' - 0"	WD	1	0' - 1 3/4"	MTL	G	m			
D117	D117	D10	3' - 0"	7' - 0"	WD	1	0' - 1

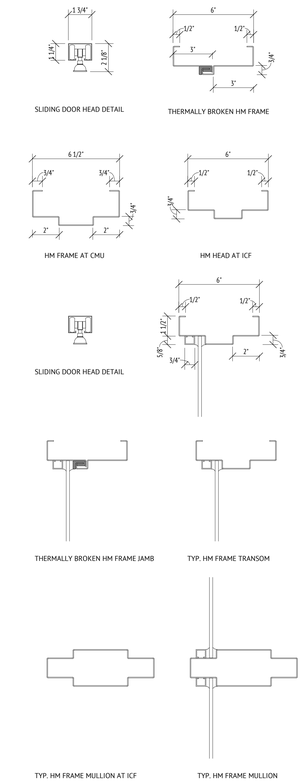


DOOR LEAF LEGEND
1/4" = 1'-0"



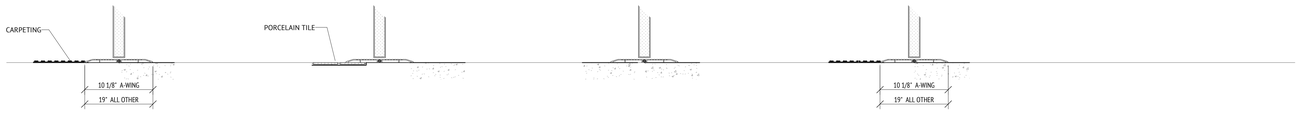


DOOR FRAME LEGEND
1/4" = 1'-0"



TYP. HOLLOW METAL FRAME TYPES
3" = 1'-0"

EXTERIOR



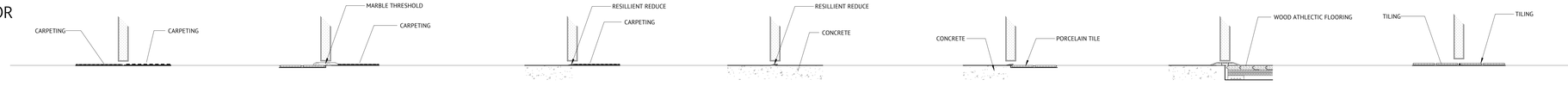
a WALK-OFF CARPET TILE TO EXTERIOR
AREAS OF REM1 TO HAVE 6" WCT BORDER
ALL EXTERIOR THRESHOLDS TO BE INSTALLED IN A FULL BED OF SILLICONE

b PORCELAIN TILE TO EXTERIOR
RUBBER TO EXTERIOR
LINOLEUM TILE TO EXTERIOR

c SEALED CONCRETE TO EXTERIOR

d CARPET TO EXTERIOR
AREAS OF REM TO EXTERIOR

INTERIOR



e CARPET TO WALK-OFF CARPET TILE
CARPET TO CARPET (SIM)
WALK-OFF CARPET TILE TO WALK-OFF CARPET TILE (SIM)

f PORCELAIN TILE TO CARPET
TILE TO WALK-OFF CARPET TILE (SIM)
WALK-OFF CARPET TILE (SIM) TO PORCELAIN TILE

g CONCRETE TO CARPET

h CONCRETE TO CONCRETE

i CONCRETE TO PORCELAIN TILE

j CONCRETE TO WOOD
WOOD TO CONCRETE

k PORCELAIN TILE TO PORCELAIN TILE



l LINOLEUM TO PORCELAIN TILE
PORCELAIN TILE TO LINOLEUM
RUBBER TO PORCELAIN TILE
PORCELAIN TILE TO RUBBER

m LINOLEUM TO WALK-OFF CARPET TILE
LINOLEUM TO CARPET
CARPET TO LINOLEUM
CARPET TO RUBBER

n LINOLEUM TO LINOLEUM
RUBBER TO LINOLEUM
RUBBER TO RUBBER
LINOLEUM TO RUBBER
EPOXY TO LINOLEUM
EPOXY TO EPOXY

o EPOXY TO PORCELAIN TILE

p WOOD ATHLETIC TO PORCELAIN TILE

q RUBBER TO WOOD ATHLETIC
LINOLEUM TO WOOD ATHLETIC

r CONCRETE TO RUBBER
CONCRETE TO LINOLEUM
CONCRETE TO EPOXY

s WOOD TO WOOD

DOOR THRESHOLD LEGEND
1 1/2" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DOOR LEGEND

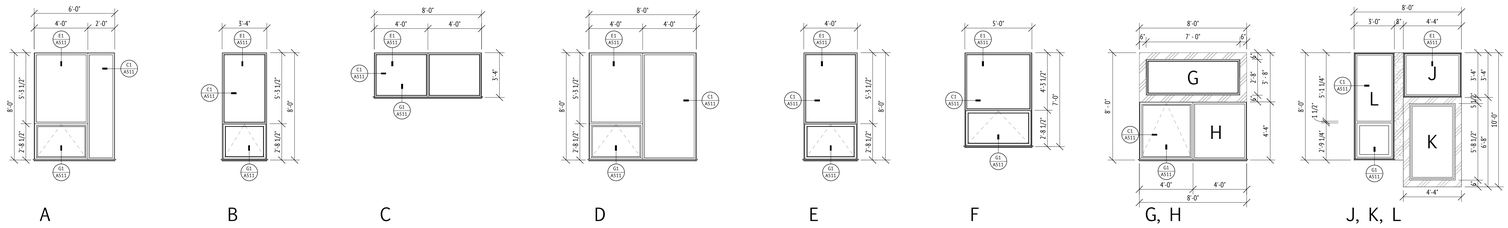
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

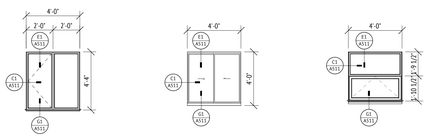
DD SET

A501

HIGH SCHOOL BUILDING WINDOWS



CONCESSIONS BUILDING WINDOWS



EXTERIOR WINDOW ELEVATIONS
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

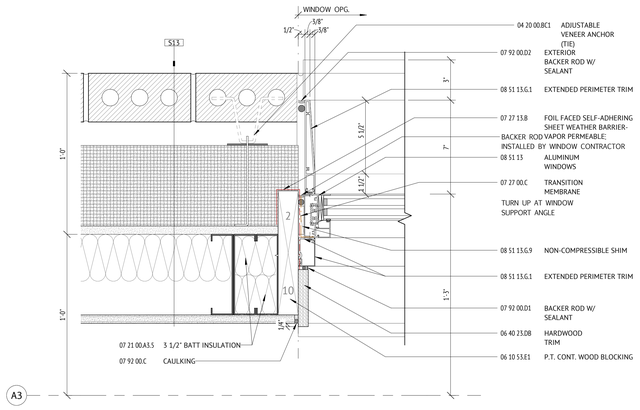
WINDOW ELEVATIONS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

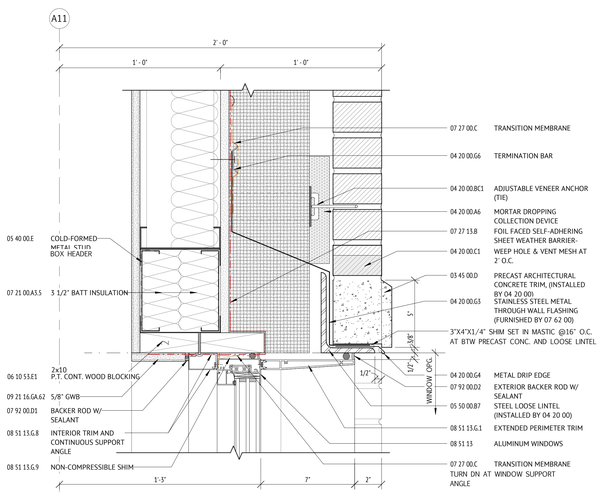
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	HS
REVISIONS:	

DD SET

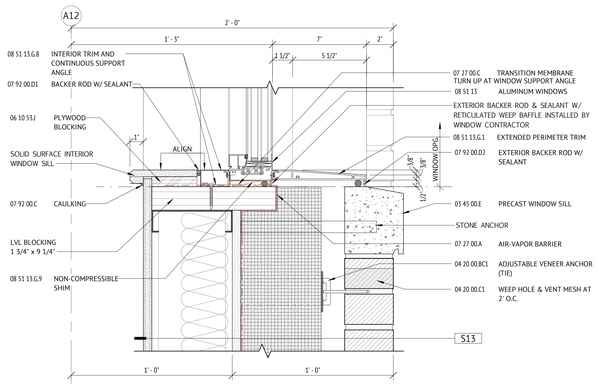
A510



C1 WINDOW JAMB DETAIL AT S13
3" = 1'-0"



E1 WINDOW HEAD DETAIL AT S13
3" = 1'-0"



G1 WINDOW SILL DETAIL AT S13
3" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

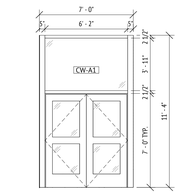
WINDOW DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

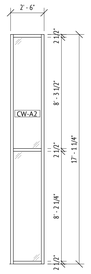
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	3" = 1'-0"
DRAWN BY:	HS
REVISIONS:	

DD SET

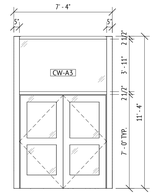
A511



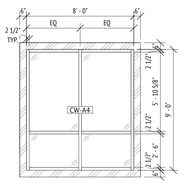
B1 CW-A1 - A WING NORTH
1/4" = 1'-0"



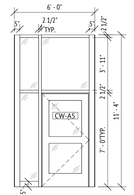
B2 CW-A2 - A WING AUDITORIUM WEST
1/4" = 1'-0"



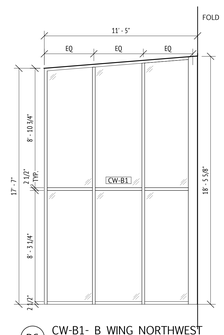
B3 CW-A3 - A WIG WEST
1/4" = 1'-0"



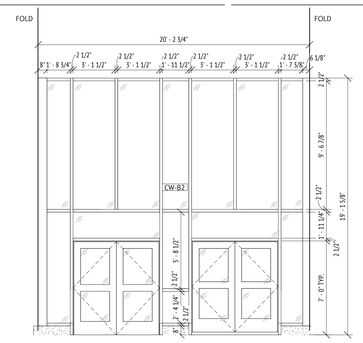
B4 CW-A4 - AWING WEST
1/4" = 1'-0"



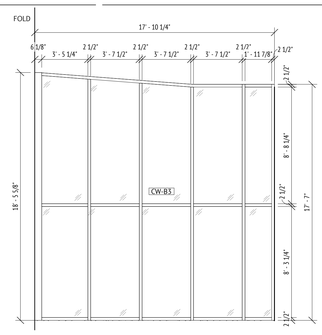
B5 CW-A5 - AWING SOUTH
1/4" = 1'-0"



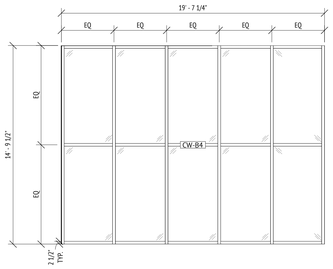
B6 CW-B1- B WING NORTHWEST
1/4" = 1'-0"



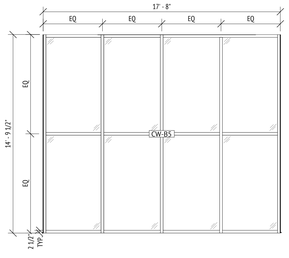
B7 CW-B2 - B WING NORTHWEST
1/4" = 1'-0"



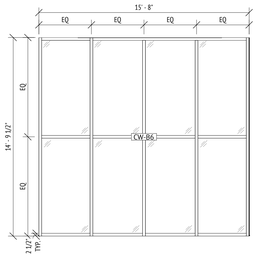
B9 CW-B3 - B WING NORTHWEST
1/4" = 1'-0"



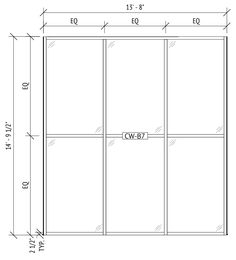
C1 CW-B4 - B WING NORTHWEST
1/4" = 1'-0"



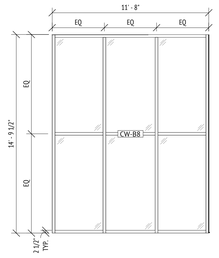
C3 CW-B5 - B WING NORTHWEST
1/4" = 1'-0"



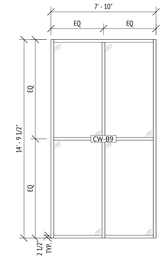
C4 CW-B6 - B WING NORTHWEST
1/4" = 1'-0"



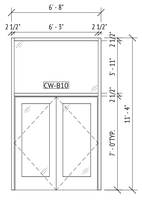
C5 CW-B7 - B WING NORTHWEST
1/4" = 1'-0"



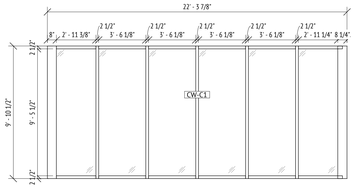
C7 CW-B8 - B WING NORTHWEST
1/4" = 1'-0"



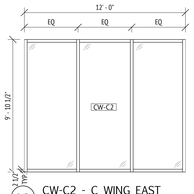
C8 CW-B9 - B WING NORTHWEST
1/4" = 1'-0"



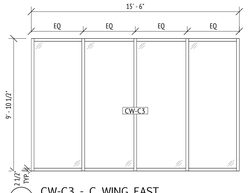
C9 CW-B10 - B WING NORTHEAST
1/4" = 1'-0"



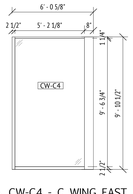
D1 CW-C1 - C WING NORTH
1/4" = 1'-0"



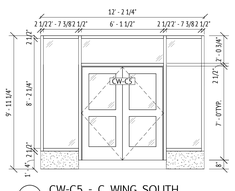
D3 CW-C2 - C WING EAST
1/4" = 1'-0"



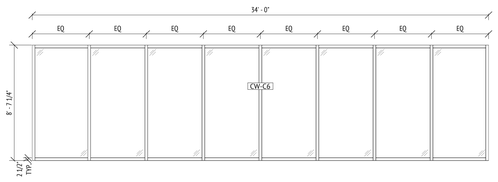
D4 CW-C3 - C WING EAST
1/4" = 1'-0"



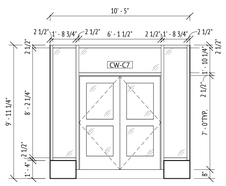
D5 CW-C4 - C WING EAST
1/4" = 1'-0"



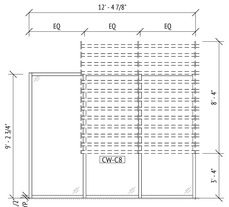
D6 CW-C5 - C WING SOUTH
1/4" = 1'-0"



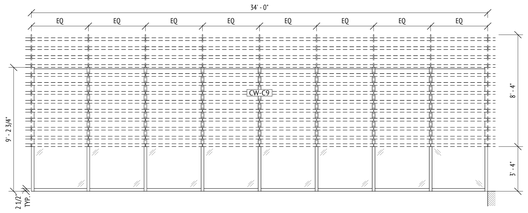
E1 CW-C6 - C WING SOUTH
1/4" = 1'-0"



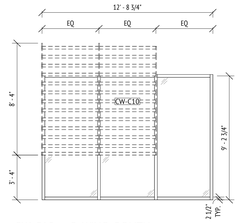
E3 CW-C7 - C WING SOUTH
1/4" = 1'-0"



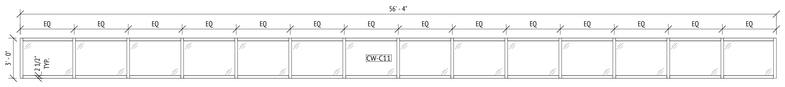
E4 CW-C8 - C WING SOUTH
1/4" = 1'-0"



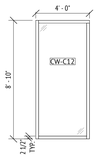
E5 CW-C9 - C WING SOUTH
1/4" = 1'-0"



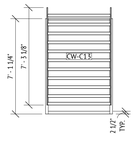
F1 CW-C10 - C WING SOUTH
1/4" = 1'-0"



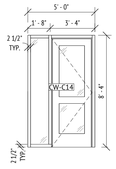
F2 CW-C11 - C WING SOUTH
1/4" = 1'-0"



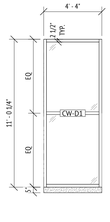
F6 CW-C12 - C WING SOUTH
1/4" = 1'-0"



F7 CW-C13 - C WING SOUTH
1/4" = 1'-0"



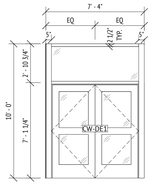
G1 CW-C14 - C WING SOUTH
1/4" = 1'-0"



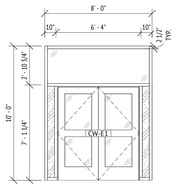
G2 CW-D1 - D WING NORTH
1/4" = 1'-0"



G3 CW-D2 - D WING EAST
1/4" = 1'-0"



G4 CW-DE1 - D WING SOUTH & E WING NORTH
1/4" = 1'-0"



G5 CW-E1 - E WING EAST
1/4" = 1'-0"

Curtain Wall Schedule

Mark	Type	Comments
CW-A1	Curtain Wall - S16 Metal Panel Wall	
CW-A2	Curtain Wall - 8" Triple Glazing	
CW-A3	Curtain Wall - 8" Triple Glazing_Bronze Mullion	
CW-A4	Curtain Wall - 8" Triple Glazing_Bronze Mullion	
CW-A5	Curtain Wall - 8" Triple Glazing	
CW-B1	Curtain Wall - 8" Triple Glazing	
CW-B2	Curtain Wall - 8" Triple Glazing	
CW-B3	Curtain Wall - 8" Triple Glazing	
CW-B4	Curtain Wall - 8" Triple Glazing	
CW-B5	Curtain Wall - 8" Triple Glazing	
CW-B6	Curtain Wall - 8" Triple Glazing	
CW-B7	Curtain Wall - 8" Triple Glazing	
CW-B8	Curtain Wall - 8" Triple Glazing	
CW-B9	Curtain Wall - 8" Triple Glazing	
CW-B10	Curtain Wall - 8" Triple Glazing	
CW-C1	Curtain Wall - 8" Triple Glazing	
CW-C2	Curtain Wall - S16 Metal Panel Wall	
CW-C2	Curtain Wall - S16 Metal Panel Wall	
CW-C2	Curtain Wall - S16 Metal Panel Wall	
CW-C3	Curtain Wall - S16 Metal Panel Wall	
CW-C3	Curtain Wall - S16 Metal Panel Wall	
CW-C4	Curtain Wall - 8" Triple Glazing	
CW-C5	Curtain Wall - 8" Triple Glazing	
CW-C6	Curtain Wall - 8" Triple Glazing	
CW-C7	Curtain Wall - 8" Triple Glazing	
CW-C8	Curtain Wall - 8" Triple Glazing	
CW-C9	Curtain Wall - 8" Triple Glazing	
CW-C10	Curtain Wall - 8" Triple Glazing	
CW-C11	Curtain Wall - 8" Triple Glazing	
CW-C12	Curtain Wall - S16 Metal Panel Wall	
CW-C13	Curtain Wall -Sunshade	
CW-C14	Curtain Wall - 8" Triple Glazing_Bronze Mullion	
CW-C14	Curtain Wall - S16 Metal Panel Wall	
CW-C14	Curtain Wall - S16 Metal Panel Wall	
CW-C14	Curtain Wall - S16 Metal Panel Wall	
CW-C14	Curtain Wall - S16 Metal Panel Wall	
CW-C15	Curtain Wall -Sunshade	
CW-C15	Curtain Wall -Sunshade	
CW-C15	Curtain Wall -Sunshade	
CW-D1	Curtain Wall - 8" Triple Glazing_Bronze Mullion	
CW-D1	Curtain Wall - 8" Triple Glazing_Bronze Mullion	
CW-D1	Curtain Wall - 8" Triple Glazing_Bronze Mullion	
CW-D1	Curtain Wall - 8" Triple Glazing_Bronze Mullion	
CW-D1	Curtain Wall - 8" Triple Glazing_Bronze Mullion	
CW-D2	Curtain Wall - 8" Triple Glazing_Bronze Mullion	
CW-DE1	Curtain Wall - S16 Metal Panel Wall	
CW-DE1	Curtain Wall - S16 Metal Panel Wall	
CW-E1	Curtain Wall - S16 Metal Panel Wall	

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

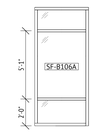
CURTAIN WALL ELEVATIONS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

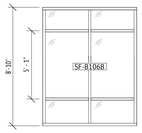
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	HS
REVISIONS:	

DD SET

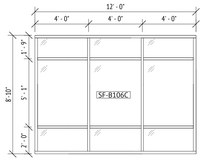
A520



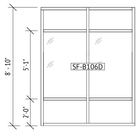
A1 SF-B106A
1/4" = 1'-0"



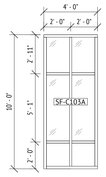
A2 SF-B106B
1/4" = 1'-0"



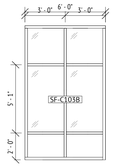
A3 SF-B106C
1/4" = 1'-0"



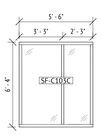
A4 SF-B106D, TYP
1/4" = 1'-0"



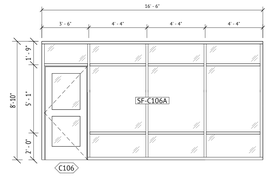
A5 SF-C103A
1/4" = 1'-0"



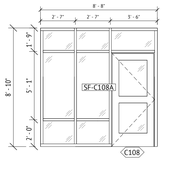
A6 SF-C103B
1/4" = 1'-0"



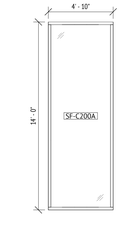
A7 SF-C103C
1/4" = 1'-0"



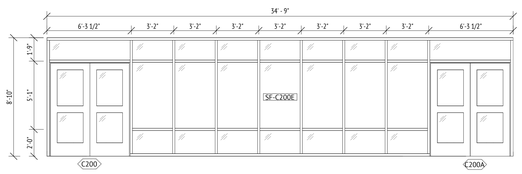
A8 SF-C106A
1/4" = 1'-0"



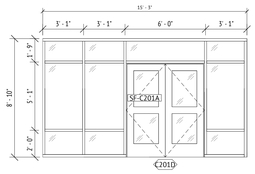
C1 SF-C108A
1/4" = 1'-0"



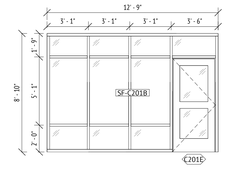
C2 SF-C200A, TYP
1/4" = 1'-0"



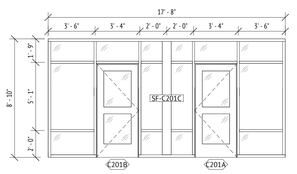
C3 SF-C200E
1/4" = 1'-0"



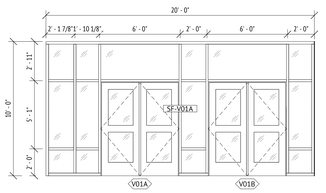
C6 SF-C201A
1/4" = 1'-0"



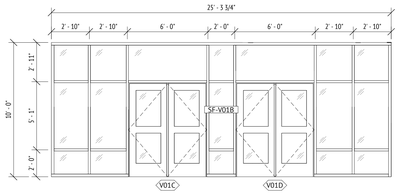
C7 SF-C201B
1/4" = 1'-0"



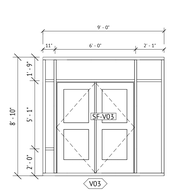
C8 SF-C201C
1/4" = 1'-0"



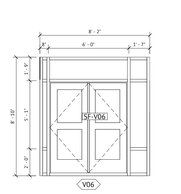
D1 SF-V01A
1/4" = 1'-0"



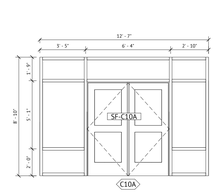
D3 SF-V01B
1/4" = 1'-0"



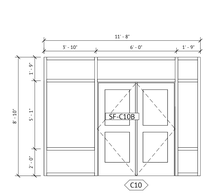
D5 SF-V03
1/4" = 1'-0"



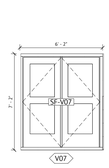
D6 SF-V06
1/4" = 1'-0"



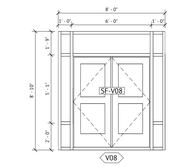
D7 SF-C10A
1/4" = 1'-0"



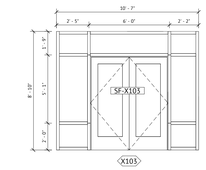
D8 SF-C10B
1/4" = 1'-0"



F1 SF-V07, SF-V02, TYP
1/4" = 1'-0"



F2 SF-V08
1/4" = 1'-0"



F3 SF-X103
1/4" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS

308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com

SMMA

CONSULTANTS:

INTERIOR STOREFRONT ELEVATIONS

EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

A521

SINK CABINETS

ITEM		W	H	D	DESCRIPTION
	BSC30	30	34	24	DOUBLE BASE CABINET WITH FALSE FRONT · TWO HINGED DOORS · ONE FALSE FRONT · ONE PULL PER EACH DOOR · DOOR FINISH TO BE WOOD VENEER UON · REFER TO INTERIOR ELEVATIONS FOR COUNTER MATERIAL TYPE
	BSC30-36	30	36	24	
	BSC36-36	36	36	24	

SINK BASE

ITEM		W	H	D	DESCRIPTION
SC					ADA Sink Base · OPEN ACCESSIBLE SINK CABINET · HARDWOOD APRON PANEL MEETING MINIMUM CLEARANCES (SEE DETAILS) · REMOVABLE SLOPED KNEE GUARD PANEL TO SPAN WIDTH AND ATTACH TO ADJACENT CABINETS OR WALL · REFER TO INTERIOR ELEVATIONS FOR COUNTER MATERIAL
	SC30	30	34	25	
	SC30-30	30	30	25	
	SC36	36	34	25	
	SC42	42	34	25	
	SC54-30	54	30	25	

BASE CABINETS

ITEM		W	H	D	DESCRIPTION
	BD15	15	36	24	SINGLE BASE CABINET, 3 DRAWERS • THREE DRAWERS OF EQUAL HEIGHT • ONE PULL PER DRAWER • DRAWER FINISH TO BE WOOD VENEER UON • REFER TO ELEVATIONS FOR COUNTER MATERIAL TYPE
	BD15-30	15	30	24	
	BD18	18	34	24	
	BD18-36	18	36	24	
	BD24-36	24	36	24	
BC					SINGLE BASE CABINET • ONE HINGED DOOR • ONE DRAWER • ONE PULL PER EACH DOOR • ONE PULL PER DRAWER • ONE ADJUSTABLE SHELF UON • DOOR FINISH TO BE WOOD VENEER UON • REFER TO INTERIOR ELEVATIONS FOR COUNTER MATERIAL TYPE
	BC15-36	15	36	24	
	BC18	18	34	24	
BC					DOUBLE BASE CABINET WITH DRAWERS • TWO HINGED DOORS • ONE DRAWER • ONE PULL PER EACH DOOR • TWO PULLS PER DRAWER • ONE ADJUSTABLE SHELF UON • DOOR FINISH TO BE WOOD VENEER UON • REFER TO INTERIOR ELEVATIONS FOR COUNTER MATERIAL TYPE
	BC30	30	34	24	
	BC30-30	30	30	24	
	BC30-36	30	36	24	
	BC36	36	36	24	
	BC36-36	36	36	24	
OC					OPEN BASE CABINET WITH SHELVES • OPEN CABINET FRONT • ONE ADJUSTABLE SHELF UNO • ALL EXPOSED FACES SHALL HAVE WOOD VENEER FINISH
	OC18-36	18	36	24	
	OC24	24	34	24	

WALL CABINETS

ITEM		W	H	D	DESCRIPTION
	UC15	15"	30"	12"	SINGLE PANELED WALL CABINET • ONE HINGED DOOR • ONE PULL PER DOOR • TWO ADJUSTABLE SHELVES UON • WHERE WALL CABINET HAS EXPOSED UNDERSIDE, PROVIDE HARDWARE LIP AT DOOR PER THE DETAILS • DOOR FINISH TO BE WOOD VENEER UON
	UC18	18"	30"	12"	
	UC24	24"	30"	12"	
	UC30	30	30	12	DOUBLE WALL CABINET • TWO HINGED DOORS • ONE PULL PER DOOR • TWO ADJUSTABLE SHELVES UON • WHERE WALL CABINET HAS EXPOSED UNDERSIDE, PROVIDE HARDWARE LIP AT DOOR PER THE DETAILS • DOOR FINISH TO BE WOOD VENEER UON
	UC30-18	30	18	12	
	UC30-24	30	24	12	
	UC36	36	30	12	
	UC36-24	36	24	12	
	OS18	18	24	12	WALL CABINET WITH OPEN SHELVES • OPEN CABINET FRONT • ONE ADJUSTABLE SHELF UNO • ALL EXPOSED FACES SHALL HAVE WOOD VENEER FINISH
	OS30	30	24	12	

LABORATORY CASEWORK

ITEM		W	H	D	DESCRIPTION
F1		30	36	22	FLAME-PROOF STORAGE • UL LISTED FLAMMABLE STORAGE • DOUBLE DOORS • ALL EXPOSED FACES SHALL HAVE A WOOD VENEER FINISH • TYPE F1- DOUBLE DOOR
A1		30	30	22	ACID STORAGE • POLYPROPYLENE LINED • EPOXY COATED, VENTILATED METAL SHELF • STAINLESS STEEL HINGES • ALL EXPOSED FACES SHALL HAVE WOOD VENEER FINISH • TYPE A1 - DOUBLE DOOR

PEG BOARD

ITEM		W	H	D	DESCRIPTION
GD36		12"	36"	1"	PEG BOARD

TALL CABINET

ITEM		W	H	D	DESCRIPTION
WB36		36"	84"	24"	PANELED WARDROBE • TWO HINGED DOORS • ONE PULL PER DOOR • DOORS SHALL BE LOCKABLE • FOUR ADJUSTABLE SHELVES • ONE HANGER ROD WITH FIXED SHELF ABOVE • DOOR FINISH TO BE WOOD VENEER UON

TALL CABINETS

ITEM		W	H	D	DESCRIPTION
TC24		24"	84"	24"	SINGLE TALL CABINET · ONE HINGED DOOR · ONE PULL PER DOOR · DOORS SHALL BE LOCKABE · FOUR ADJUSTABLE SHELVES · DOOR FINISH TO BE WOOD VENEER UON

TALL CABINET

ITEM		W	H	D	DESCRIPTION
					PANELED DOUBLE DOOR TALL CABINET
	TC36	36	84"	24"	• TWO HINGED DOORS • ONE PULL PER DOOR • DOORS SHALL BE LOCKABLE • FOUR ADJUSTABLE SHELVES • DOOR FINISH TO BE WOOD VENEER UON
	TC42	42	84"	24"	

MICROWAVE CABINET WITH OVEN

ITEM		W	H	D	DESCRIPTION
SE2		34"	84"	24"	Microwave cabinet with oven • FOUR HINGED DOORS • ONE PULL PER DOOR • DOORS SHALL BE LOCKABLE • THREE ADJUSTABLE SHELVES UON • DOOR FINISH TO BE WOOD VENEER UON • ALL EXPOSED FACES SHALL HAVE WOOD VENEER FINISH

WALL SHELVING

ITEM		W	H	D	DESCRIPTION
					WALL SHELVES ON ADJUSTABLE BRACKETS
	WS36	VARIES	36	12	WALL SHELVING: • THREE ADJUSTABLE SHELVES AT TYPE "WS36" • FOUR ADJUSTABLE SHELVES AT TYPES "WS54" • FIVE ADJUSTABLE SHELVES AT TYPES "WS72" • SIX ADJUSTABLE SHELVES AT TYPE "WS84" • SHELF STANDARDS SHALL BE PROVIDED EVERY 3'-0" O.C. • REFER TO PLANS & INTERIOR ELEVATIONS FOR LENGTH OF SHELVES
	WS54	VARIES	54	12	
	WS72	VARIES	72	12	
	WS84	VARIES	84	12	

LAB TABLE

ITEM		W	H	D	DESCRIPTION
					MOVEABLE WOOD LAB TABLE • 4-7/8" TALL APRON RAILS • TELESCOPING METAL LEGS • 1" EXPOXY RESIN WORK SURFACE • ONE CASTER PER LEG
	T34	24	34	72	
	T36	24	36	72	

BOOKCASES

ITEM		W	H	D	DESCRIPTION
					72" BOOKCASE: • OPEN CABINET FRONT • 5 ADJUSTABLE SHELVES • ALL EXPOSED FACES SHALL HAVE WOOD VENEER FINISH
	BK24	24	72	12	
	BK36	36	72	12	

CUBBY

ITEM	W	H	D	DESCRIPTION
CU48	varies	48"	varies	CUBBY • EQUIPPED WITH (2) HANGING HOOKS IN EACH LOCKER COMPARTMENT AND FINISH TOP • NO DOORS, STANDARD

DISPLAY CASE

ITEM	W	H	D	DESCRIPTION
M50	51"	42"	25"	50 MAILBOX CASE

MANUFACTURED CASEWORK GENERAL NOTES

1. GC TO PROVIDE BLOCKING FOR ALL CASEWORK.

2. FIELD VERIFY EXACT DIMENSIONS. INDICATE ACTUAL SIZES OF SHOP DRAWINGS.

3. ALL MANUFACTURED CASEWORK TO BE PROVIDED BY DIVISION 12.

4. SCHEDULED DIMENSIONS ARE NOMINAL UON. BASE CABINET HEIGHTS INCLUDE COUNTERTOP THICKNESS.

5. FILLER PANELS ARE NOT INDICATED IN ALL INTERIOR ELEVATIONS. ASSUME FILLER PANELS/ TRIM TO BE PROVIDED AT ANY CASEWORK WHERE IT ABUTTS A WALL OR SOFFIT.

6. PROVIDE COUNTERTOPS AND BACKSPLASHES OVER ALL BASE CABINETS. AT ROOMS D105,D105A, D109,E101,E101A,E105,D205,D207,D209,209A,E201,E201A,E205 COUNTERTOPS AND BACKSPLASHES TO BE EPOXY RESIN AND 2'-7" DEEP UON. ALL OTHER COUNTERTOPS AND BACKSPLASHES TO BE PLAM AND 25" DEEP UON. REFER TO INTERIOR ELEVATIONS AND CASEWORK DETAILS FOR COUNTERTOP MATERIAL.

7. PROVIDE RESILIENT BASE (09 65 13.A) CONTINUOUS AT TOE SPACE AND EXPOSED SIDES OF ALL FLOOR STANDING CABINETS.

8. ALL TALL CABINETS AND TEACHER WARDROBES TO BE LOCKABLE.

9. ALL EXPOSED CASEWORK SHALL HAVE FINISHED END PANELS, TYP.

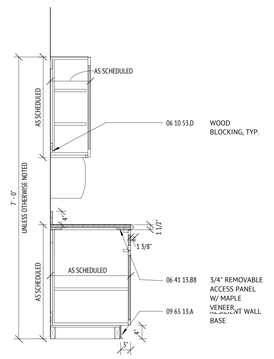
10. PROVIDE CENTRAL DIVIDER IN ANY WALL CABINET OVER 34" WIDE. ALL SHELVES GREATER THAN 34" SHALL HAVE INTERMEDIATE SUPPORTS.

MANUFACTURED CASEWORK NOTES:

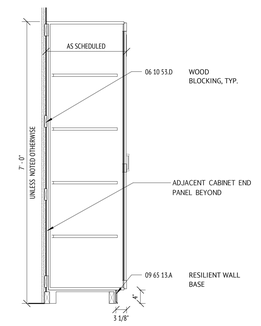
MANUFACTURED CASEWORK INCLUDES:
1. EVERYTHING IN CLASSROOMS
2. EVERYTHING IN OFFICES
3. ALL BOOKSHELVES
4. EVERYTHING IN SCIENCE LABS
5. STORAGE CUBBIES IN ALT PE

CUSTOM MILLWORK INCLUDES:
1. ADMIN DESK
2. LIBRARY DESK
3. BENCHES AND CORRIDOR/COMMONS DISPLAY CASES
4. PRE K CUBBIES

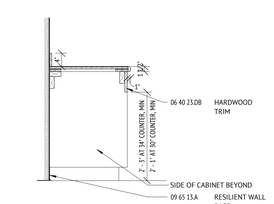
ALL COUNTERS TO BE PLASTIC LAMINATE WITH THE FOLLOWING EXCEPTIONS AND UON:
· COUNTERS IN LABS, LAB PREP ROOMS, AND CHEM STORAGE ROOM TO BE EPOXY.
· COUNTERS ON CUSTOM MILLWORK DESKS TO BE SOLID SURFACE, EXCEPT FOR MEDIA CENTER DESK WHICH IS TO BE LINOLEUM.
· COUNTERS IN CAFETERIA B (AT CURTAINWALL) AND IN CORRIDOR C21 TO BE SOLID SURFACE.



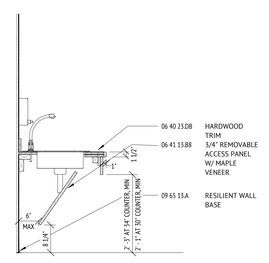
F7 TYP CASEWORK SECTION
3/4" = 1'-0"



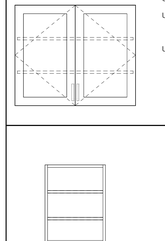
F8 TYP TALL CABINET SECTION
3/4" = 1'-0"



G7 TYP COUNTER SECTION - NO BASE
3/4" = 1'-0"



G8 TYP SINK BASE SECTION
3/4" = 1'-0"



G1 CASEWORK LEGEND
3/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

MANUFACTURED CASEWORK LEGEND

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	3/4" = 1'-0"
DRAWN BY:	TF
REVISIONS:	

DD SET

A600

ROOM FINISH SCHEDULE

NO.	NAME	FLOOR	WALL BASE	N. WALL		E. WALL		S. WALL		W. WALL		Comments
		MAT	MAT	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	
A10	CORRIDOR	PT-1	-	T-1/GWB	-/P-1	T-1/GWB	-/P-1	T-1/GWB	-/P-1	T-1/GWB	-/P-1	
A11	T. HALLWAY	PT-1/WCT	-	T-1/GWB	-/P-1	T-1/GWB	-/P-1	T-1/GWB	-/P-1	T-1/GWB	-/P-1	The corridor of bathroom area: Floor: PT-2; BASE: TB-2; WALL: GWB, P-1; WATERFOUNTAIN: Wall: T-7 on 3 walls, metal trim at base.
A12	CORRIDOR	PT-1	-	T-1/GWB	-/P-1	T-1/GWB	-/P-1	T-1/T-2/GWB/T-8	-/P-1	T-1/GWB	-/P-1	All classroom entrance alcoves in A-Wing tiled with T-2 to ceiling on all 3 walls set vertically. T-8 behind water fountain and on wing walls to ceiling.
A100	AUDITORIUM	CONC-S/CPT-WD	RB-1	WD/GWB	-/P-9	WD/GWB	-/P-9	WD/GWB	-/P-9	WD/GWB	-/P-1	Acoustic Wall Treatment, See auditorium sheets
A100A	STAGE											See auditorium sheets
A100B	DRESSING ROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A100C	DRESSING ROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A100D	AUDITORIUM VESTIBULE											
A100E	AUD VEST	CPT-3	RB-1	GWB	P-8	GWB	P-8	GWB	P-8	GWB	P-8	
A100F												
A100G												
A101	ADMIN	CPT-2	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
A101A	WAITING	CPT-1	-	-	P-1	GWB	P-1	GWB	P-1	GWBA	P-3	
A101B	PRINCIPAL SECRETARY	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A101C	SRO	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-3	GWB	P-1	
A101D	RECORD	LS-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A101E	PRINCIPAL	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A101F	AP 1	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A101G	AP 2	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A101H	MAIL TIME	CPT-2	RB-1	GWBA	P-1	-	-	-	-	GWBA	P-1	
A101I	DUPLICATING	CPT-2	RB-1	GWBA	P-1	GWBA	P-2	GWBA	P-1	GWBA	P-1	
A101J	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-7/GWB	-/P-2	T-13/GWB	-/P-1	All tile up to 7', paint above, metal edge trim at top and base (TYP of single user bathrooms)
A102	AUD STORAGE	CONC-S	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
A103	PUPIL SERVICES	CPT-2	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
A103A	WAITING	CPT-2	RB-1	-	-	GWBA	P-1	GWBA	P-1	-	-	
A103B	SPED ADMIN	CPT-2	RB-1	GWB	P-1	GWB	P-2	-	-	GWB	P-1	
A103C	DIRECTOR	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A103D	SPEECH	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A103E	SPED OFFICE	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A103F	SPED OFFICE	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A103G	SPED CONF RM	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-3	GWB	P-1	
A103I	CO STORAGE	LS-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A103J	SM CONF RM	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-2	GWB	P-1	
A103K	OFFICE	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-2	GWB	P-1	
A104	BAND	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	Reflective Acoustic Ceiling, Acustic Wall Treatment
A104A	PR	CPT-2	RB-1	GWB	P-1	GWB	P-3	GWB	P-1	GWB	P-1	
A104B	MUSIC STORAGE	LS-2	RB-1	GWB	P-1	-	-	GWB	P-1	GWB	P-1	
A104C	ENSEMBLE	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-3	GWB	P-1	
A105	DISTRICT OFFICE	CPT-2/WCT	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
A105A	CO ADMIN	CPT-2	RB-1	GWB	P-1	GWB	P-1	-	-	GWB	P-2	
A105B	SUPER	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A105C	ACCNT/BOOK	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A105D	CONFIRENCE ROOM	CPT-1	RB-1	GWB	P-3	GWB	P-1	GWB	P-3	GWB	P-1	
A105E	CFO	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-3	
A105F	DIR CUR	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-3	
A105G	KITCHENETTE	LS-5	RB-1	GWB	P-3	GWB	P-3	GWB	P-3	GWB	P-3	
A105H	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-7/GWB	-/P-2	
A105I	T	PT-2	MB-1	WD/GWB	-/P-1	T-7/GWB	-/P-2	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
A106A	T	PT-2	MB-1	T-13/GWB	-/P-1	T-7/GWB	-/P-2	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
A106B	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-7/GWB	-/P-2	
A106C	T	PT-2	MB-1	T-13/GWB	-/P-1	T-7/GWB	-/P-2	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
A106D	T	PT-2	MB-1	WD/GWB	-/P-1	T-7/GWB	-/P-2	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
A106E	CUST	CONC-S	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
A106F	T	PT-2	MB-1	WD/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-7/GWB	-/P-2	
A106G	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-7/GWB	-/P-2	
A107	CORRIDOR	CPT-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A107A	IT	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-3	
A107B	IT	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-3	
A107C	IT SHARED	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-3	
A107D	MDF	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A107E	IT REPAIR/STORAGE	LS-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A108	ELEC	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A109	PRE-K	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-11	GWB	P-1	
A109A	T	PT-2	MB-1	T-13/GWB	-/P-1	T-7/GWB	-/P-2	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
A110	CHORUS	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	Reflective Acoustic Ceiling, Acustic Wall Treatment
A111	ELCAT OFFICE	CPT-1/LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-3	
A112	IT	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A113	VIDEO LAB	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-2	GWB	P-1	Separate Equipment Budget: - 3 SLR Cameras - 3 Tripods or Wheels - 3 Field Microphones - Lighting Equipment - Overhead Lighting Grid - Curtain Track
A113A	PODCAST	CPT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-3	
A115	ART STUDIO	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-2	GWB	P-1	
A115A	ART STORAGE	LS-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A116A	PR	CPT-2	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A116B	PR	CPT-2	RB-1	GWB	P-3	GWB	P-1	GWB	P-1	GWB	P-1	
A117	ART STUDIO	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-2	GWB	P-1	
A117A	SEMINAR	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-3	
A117B	KILN	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
A200	CONTROLS	CPT-5	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
B10	CORRIDOR	PT-1	-	T-1/T-12/GWB/T-7	-/-/P-1	T-1/GWB	-/P-1	T-1/T-12/GWB	-/-/P-1	T-1/GWB	-/P-1	All entrance alcoves in B-Wing (except entrance to gym that holds doors B106 and 104 which is painted) tiled with T-12 to ceiling on all 3 walls set vertically. T-7 behind water fountain and on wing walls to ceiling.
B11	CORRIDOR	PT-1/R1	-/RCB-1	-	-	T-1/GWB/GWBA	-/P-1	-	-	T-1/GWB/GWBA	-/P-1	FLOOR: PT-1 to S doors, R-1 on other side; WALLS: T-1 to wainscot height up to S doors, GWBA on other side with rubber base
B12	CORRIDOR	R-1/WCT	RCB-1/GB B-1	GWBA	P-1	GWBA	P-1	T-12/GFB	-	GWBA/GFB	P-1/-	Entrance alcoves to locker room tiled with T-12 on all 3 sides to ceiling. S wall GFB with GBB-1 and one course stripe of GB-1 at 67
B100	TRAINER	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-12	GWB	P-1	Whirlpool
B101	MEDICALLY FRAGILE	LS-2	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	
B101A	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-7/GWB	-/P-12	T-13/GWB	-/P-1	All tile up to 7', paint above, metal edge trim at top and base (TYP of single user bathrooms)
B102	AD	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-12	GWB	P-1	
B103	LIFE SKILLS	LS-2	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	
B103A	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-7/GWB	-/P-12	T-13/GWB	-/P-1	
B104	ALTERNATIVE PE ROOM	R-5		GWB	P-1	GWB	P-12	GWB	P-1	GWB	P-1	Base to match floor
B104A	GYM ST	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
B104B	IT	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
B105	MEDICAL	LS-4	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
B105A	WAITING ROOM	LS-4	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
B105B	NURSE	LS-2	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	Cabinets lock
B105C	EXAM ROOM	CPT-4	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	
B105D	EXAM ROOM	LS-2	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	
B105E	STOR	CPT-4	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
B105F	RESTING	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-12	GWB	P-1	
B105G	T	PT-2	-	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-7/GWB	-/P-12	T-13/GWB	-/P-1	
B106	GYM	WAF	RVB	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	Bleachers. Custom vinyl graphic on S wall, Custom painted graphic on E & West wall.
B107	GUIDANCE	CPT-4	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
B107A	WAITING ROOM	CPT-4	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
B107B	CONFERENCE ROOM	CPT-3	RB-1	GWB	P-1	GWB	P-12	GWB	P-1	GWB	P-12	Flat Screen
B107C	ADJUST COUN	CPT-3	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	
B107D	COUNSELOR	CPT-3	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	
B107E	GUIDANCE	CPT-3	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	
B107F	GUIDANCE	CPT-3	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	
B107G	PSYCH	CPT-3	RB-1	GWB	P-12	GWB	P-1	GWB	P-1	GWB	P-1	
B107H	GUIDANCE	CPT-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-12	GWB	P-1	
B107I	GUIDANCE	CPT-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-12	GWB	P-1	
B108	WEIGHTS	R-4		GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	Overhead Door to Alt PE
B109	PE STO											
B110	WATER	CONC-S	RB-1	CMU	P-1	CMU	P-1	GWB	P-1	CMU	P-1	
B111	ELECTRICAL ROOM	CONC-S	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
B113	OT/PT	LS-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-12	
B116	T. HALLWAY	PT-2	MB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
B117	LOCKERS	R-2	RCB	CMU	P-1	CMU	P-1	CMU	P-1	CMU	P-1	Entrance alcove w/door B117D Paint P-13 except wall opposite door: tile to ceiling w T-15
B117A	LOCKERS	R-2	RCB	CMU	P-1	CMU	P-1	CMU	P-1	CMU	P-1	Entrance alcove w/door B117 Paint P-13 except wall opposite door: tile to ceiling w T-15
B117B	LOCKERS T	PT-2	-	CMU	P-1	CMU	P-1	CMU	P-1	T-16/CMU	-/P-1	T-16 on wet-wall only (to ceiling)
B119	T	PT-2	-	T-13/GWB	-/P-1	T-16/GWB	-/P-12	T-13/GWB	-/P-1	T-13/GWB	-/P-1	Finish E tiled wall at top with metal edge (typ).
B121	PE INST	R-1	RCB	CMU	P-1	CMU	P-1	CMU	P-12	CMU	P-1	
B123	LOCKERS	R-2	RCB	CMU	P-1	CMU	P-1	CMU	P-1	CMU	P-1	Entrance alcove w/door B123D Paint P-13 except wall opposite door: tile to ceiling w T-15
B123A	LOCKERS	R-2	RCB	CMU	P-1	CMU	P-1	CMU	P-1	CMU	P-1	Entrance alcove w/door B123 Paint P-13 except wall opposite door: tile to ceiling w T-15
B123B	LOCKERS T	PT-2	-	CMU	P-1	T-16/CMU	-/P-1	CMU	P-1	CMU	P-1	T-16 on wet-wall only (to ceiling)
B125	PE INST	R-1	RCB	CMU	P-1	CMU	P-1	CMU	P-12	CMU	P-1	
B127	T	PT-2	-	T-13/GWB	P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-16/GWB	-/P-2	

ROOM FINISH SCHEDULE

NO.	NAME	FLOOR	WALL BASE	N. WALL		E. WALL		S. WALL		W. WALL		Comments
		MAT	MAT	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	
B129	ATHLETICS STORAGE	CONC-S	RB-1	CMU	P-1	CMU	P-1	CMU	P-1	CMU	P-1	
C10	CIRCULATION	PT-1	-/TB-1	T-1/GWBA	-/P-1	T-1/GWB/WDA/T-9	-/P-1	T-1/GWB	-/P-1	T-1/GWBA/WDA	-/P-1	CG on S wall across from main entrance, see elevations for details. T-9 behind water fountain and wing walls to ceiling. TB-1 only at conditions where there is no T-1 on walls, see elevations for details of wood paneling locations.
C11	T. HALLWAY	PT-2	-	T-1/GWBA	-/P-1	-	-	T-1/GWBA	-/P-1	-	-	
C12	CORRIDOR	LS-5	RB-1	CMU	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
C21	CORRIDOR											
C100	CAFETERIA	PT-1	TB-1	-	-	T-1	-	-	-	T-1/GWB	-/P-1	E wall T-1 to ceiling; W wall T-1 to wainscot, P-1 above
C100B	CAFETERIA B	PT-1/WCT	TB-1	-	-	WD	-/P-1	-	-	WD	-/P-1	See elevations for wall finishes details
C101	CHAIR STORAGE	CONC-S	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
C102	MECH	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C103	LARGE GROUP INSTRUCTION	CPT-6	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C104	CUST	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C104A	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-9/GWB	-/P-4	All tile up to 7', paint above, metal edge trim at top and base (TYP of single user bathrooms)
C104B	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/T-7/GWB	-/P-1	T-13/GWB	-/P-1	T-13/T-9/GWB	-/P-1	E wall T-7 to ceiling only at wet-wall; W wall T-9 to ceiling only at wet-wall; all other walls P-13 to 7' with P-1 above
C104C	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/T-7/GWB	-/P-12/P-1	T-13/GWB	-/P-1	T-13/T-9/GWB	-/P-4/P-1	E wall T-7 to ceiling only at wet-wall; W wall T-9 to ceiling only at wet-wall; all other walls P-13 to 7' with P-1 above
C104D	CUST	CONC-S	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
C104E	IT	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C104F	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-7/GWB	-/P-12	
C105	SERVERY	EP								T-14		
C106	GRAD COACH	CPT-3	RB-1	GWB	P-1	GWB	P-9	GWB	P-1	GWB	P-1	
C107	KITCHEN	EP	RCB	GWB	FRP	GWB	FRP	GWB	FRP	GWB	FRP	
C107A	KITCHEN OFFICE	LS-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-9	
C107B	KITCHEN OFFICE	LS-3	RB-1	GWB	P-1	GWB	P-1	GWB	-/P-1	GWB	P-9	
C108	CAREER CENTER	CPT-3	RB-1	GWB	-/P-1	GWB	P-1	GWB	P-9	GWB	P-1	
C109	STOREROOM	LS-5	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C110	GUID STORAGE	CPT-4	RB-1	GWB	P-1	GWB	P-1	GWB	P-9	GWB	P-1	
C111	WORKSHOP	LS-5	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C111A	OFFICE	LS-5	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C113	ELEC	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C113A	EM ELEC	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C115	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-9/GWB	-/P-4	T-13/GWB	-/P-1	
C119	TRASH	CONC-S	RB-1	-	-	GWB	P-1	CMU	P-1	CMU	P-1	
C119A	RECEIVING	CONC-S	RB-1	CMU	P-1	GWB	P-1	-	-	CMU	P-1	
C119B	STOREROOM	CONC-S	RB-1	CMU	P-1	CMU	P-1	-	-	CMU	P-1	
C200	MEDIA CENTER	CPT-5/PT-1	RB-1	GWB	P-1	GWB	P-1	GWB	P-8	GWB	P-1	PT-1 in corridor floor
C201	MEDIA CENTER	CPT-5	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
C201A	STUDENT ACTIVITIES	CPT-3	RB-1	GWB	P-9	GWB	P-9	GWB	P-9	GWB	P-9	
C201B	STUDENT ACTIVITIES	CPT-3	RB-1	GWB	P-9	GWB	P-9	GWB	P-9	GWB	P-9	
C201C	LIBRARY OFFICE	CPT-3	RB-1	GWB	P-9	GWB	P-1	GWB	P-1	GWB	P-1	
C202	TECHNICAL SUPPORT	LS-3	RB-1	GWB	P-1	GWB	P-9	GWB	P-1	GWB	P-1	
C202A	IT	LS-3	RB-1	GWB	P-1	GWB	P-9	GWB	P-1	GWB	P-1	
D10	T. HALLWAY	LS-1A/LS-1B/WCT	-	T-1/GWB/T-9	-/P-1	T-1/GWB	-/P-1	T-1/GWB/T-5	-/P-1	T-1/GWB	-/P-1	LS-1A in corridor; LS-1B in stairwell common area; All classroom entrance alcoves in D-Wing level one tiled with T-5 to ceiling on all 3 walls set vertically (typ); T-9 behind water fountain and on wing walls to ceiling.
D12	CORRIDOR	LS-1A/LS-5	-	T-1/GWB/T-5	-/P-1	T-1/GWB	-/P-1	T-1/GWB	-/P-1	T-1/GWB	-/P-1	T-1 continues in to alcoves other than classroom entrance alcoves; LS-5 Only in corridor outside Workshop C111 & Elec C113
D20	T. HALLWAY	LS-1A/LS-1B/PT-2	-/TB-1	T-1/GWB	-/P-1	T-1/GWB	-/P-1	T-1/GWB/T-6	-/P-1	T-1/GWB	-/P-1	All classroom entrance alcoves in D-Wing level two tiled with T-6 to ceiling on all 3 walls set vertically (Typ); No base when T-1 is on walls; PT-2 On bathroom corridor floor; Tile base. T-11 behind water fountain and on wing walls to ceiling.
D22	CORRIDOR	LS1-A	-	T-1/GWB/T-6	-/P-1	-	-	T-1/GWB	-/P-1	T-1/GWB	-/P-1	
D100	EL	CONC-S	-	CMU	P-1	CMU	P-1	CMU	P-1	CMU	P-1	
D101	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-4	
D102	TEACHER PLANNING	LS-4	RB-1	GWB	P-5	GWB	P-5	GWB	P-5	GWB	P-5	
D102A	WORK ROOM											
D103	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-4	
D104	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-9/GWB	-/P-4	T-13/GWB	-/P-1	All tile up to 7', paint above, metal edge trim at top and base (TYP of single user bathrooms)
D104A	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-9/GWB	-/P-4	T-13/GWB	-/P-1	
D104B	T	PT-2	MB-1	T-13/GWB	-/P-1	T-9/GWB	-/P-4	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
D105	FORENSICS LAB	R-3	RCB	GWB	P-1	GWB	P-1	GWB	P-4	GWB	P-1	
D105A	PREP ROOM	R-3	RCB	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
D105B	GREENHOUSE	CONC-S	RB-1									
D106	WATER	CONC-S	RB-1	CMU	P-1	CMU	P-1	CMU	P-1	CMU	P-1	
D107	SMALL GROUP	CPT-3	RB-1	GWB	P-5	GWB	P-5	GWB	P-5	GWB	P-5	
D108	IT	CONC-S	RB-1	CMU	P-1	CMU	P-1	CMU	P-1	CMU	P-1	
D109	ENVIRONMENTAL LAB	R-3	RCB	GWB	P-1	GWB	P-1	GWB	P-4	GWB	P-1	
D110	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-9/GWB	-/P-4	
D111	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-4	GWB	P-1	
D112	FCS	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	(6) Range Hoods, one per cooktop
D113	RESOURCE	LS-4	RB-1	GWB	P-5	GWB	P-5	GWB	P-5	GWB	P-5	
D115	SMALL GROUP	CPT-3	RB-1	GWB	P-5	GWB	P-5	GWB	P-5	GWB	P-5	
D117	CLASSROOM	LS-2	RB-1	GWB	p-4	GWB	P-1	GWB	P-1	GWB	P-1	
D119	CLASSROOM	LS-2	RB-1	GWB	p-4	GWB	P-1	GWB	P-1	GWB	P-1	
D121	CLASSROOM	LS-2	RB-1	GWB	p-4	GWB	P-1	GWB	P-1	GWB	P-1	
D123	CLASSROOM	LS-2	RB-1	GWB	p-4	GWB	P-1	GWB	P-1	GWB	P-1	
D125	CLASSROOM	LS-2	RB-1	GWB	p-4	GWB	P-1	GWB	P-1	GWB	P-1	
D201	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-8	GWB	P-1	
D202	TEACHER PLANNING	LS-4	RB-1	GWB	P-9	GWB	P-9	GWB	P-9	GWB	P-9	
D202A	WK RM											
D202D												
D203	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-8	GWB	P-1	
D204A	T	PT-2	MB-1	T-13/GWB	-/P-1	T-11/GWB	-/P-9	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
D204B	T	PT-2	MB-1	T-13/GWB	-/P-1	T-11/GWB	-/P-9	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
D204C	T	PT-2	MB-1	T-11/GWB	-/P-9	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
D204D	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-11/GWB	-/P-9	T-13/GWB	-/P-1	
D204E	T	PT-2	MB-1	T-13/GWB	-/P-1	GWB	-/P-1	T-11/GWB	-/P-9	GWB	-/P-1	
D205	CHEMISTRY LAB	R-3	RCB	GWB	P-1	GWB	P-1	GWB	P-8	GWB	P-1	
D206	ELEC	CONC-S	RB-1	CMU	P-1	CMU	P-1	CMU	P-1	CMU	P-1	
D207	CHEM STORAGE	CPT-3	RB-1	GWB	P-9	GWB	P-9	GWB	P-9	GWB	P-9	Door and cabinets lock
D208	CUSTODIAL STORAGE	CONC-S	RB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
D209	AP CHEMISTRY LAB	R-3	RCB	GWB	P-1	GWB	P-1	GWB	P-8	GWB	P-1	
D209A	PREP ROOM											
D211	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-8	GWB	P-1	
D213	ELL	LS-4	RB-1	GWB	P-9	GWB	P-9	GWB	P-9	GWB	P-9	
D215	SMALL GROUP	CPT-3	RB-1	GWB	P-9	GWB	P-9	CMU	P-9	GWB	P-9	
D217	CLASSROOM	LS-2	RB-1	GWB	P-8	GWB	P-1	GWB	P-1	GWB	P-1	
D219	CLASSROOM	LS-2	RB-1	GWB	P-8	GWB	P-1	GWB	P-1	GWB	P-1	
D221	CLASSROOM	LS-2	RB-1	GWB	P-8	GWB	P-1	GWB	P-1	GWB	P-1	
D223	CLASSROOM	LS-2	RB-1	GWB	P-8	GWB	P-1	GWB	P-1	GWB	P-1	
D225	CLASSROOM	LS-2	RB-1	GWB	P-8	GWB	P-1	GWB	P-1	GWB	P-1	
D227	RESOURCE	LS-4	RB-1	GWB	P-9	GWB	P-9	GWB	P-9	GWB	P-9	
E10	T. HALLWAY	PT-2	TB-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	GWBA	P-1	
E11	CORRIDOR	LS-1A	-	T-1/GWB	-/P-1	T-1/GWB	-/P-1	T-1/GWB/

ROOM FINISH SCHEDULE

NO.	NAME	FLOOR MAT	WALL BASE MAT	N. WALL MAT	N. WALL FIN	E. WALL MAT	E. WALL FIN	S. WALL MAT	S. WALL FIN	W. WALL MAT	W. WALL FIN	Comments
E106	ELECTRICAL ROOM	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
E106A	T	PT-2	MB-1	T-8/GWB	-/P-6	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
E107	LIFE SKILLS	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-6	GWB	P-1	
E109	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-6	GWB	P-1	
E111	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-6	GWB	P-1	
E113	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-6	GWB	P-6	
E115	SEMINAR	CPT-1	RB-1	GWB	P-7	GWB	P-7	GWB	P-7	GWB	P-7	
E115A	ST	CONC	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
E117	CLASSROOM	LS-2	RB-1	GWB	P-6	GWB	P-1	GWB	P-1	GWB	P-1	
E119	CLASSROOM	LS-2	RB-1	GWB	P-6	GWB	P-1	GWB	P-1	GWB	P-1	
E121	CLASSROOM	LS-2	RB-1	GWB	P-6	GWB	P-1	GWB	P-1	GWB	P-1	
E123	CLASSROOM	LS-2	RB-1	GWB	P-6	GWB	P-1	GWB	P-1	GWB	P-1	
E125	WILLIE ROSS	CPT-1	RB-1	GWB	P-6	GWB	P-1	GWB	P-1	GWB	P-1	
E125A	WR SUPPORT	CPT-2	RB-1	GWB	P-7	GWB	P-7	GWB	P-7	GWB	P-7	
E127	WILLIE ROSS	CPT-1	RB-1	GWB	P-6	GWB	P-1	GWB	P-1	GWB	P-1	
E127A	WR SUPPORT	CPT-2	RB-1	GWB	P-7	GWB	P-7	GWB	P-7	GWB	P-7	
E129	GRAPHIC LAB	CPT-1	RB-1	GWB	P-6	GWB	P-1	GWB	P-1	GWB	P-1	
E129A	PRINTING	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	Dedicated exhaust for printing equipment
E131	IT	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
E200	TEACHER PLANNING	LS-4	RB-1	GWB	P-11	GWB	P-11	GWB	P-11	GWB	P-11	
E200A	WORK ROOM											
E201	LABORATORY	R-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-10	GWB	P-1	
E201A	PREP ROOM	R-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
E202	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-10/GWB	-/P-11	
E202A	T	PT-2	MB-1	T-13/GWB	-/P-1	T-10/GWB	-/P-11	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
E202B	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-10/GWB	-/P-11	
E202C	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-10/GWB	-/P-11	T-13/GWB	-/P-1	
E202D	T	PT-2	MB-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-10/GWB	-/P-11	T-13/GWB	-/P-1	
E203	SMALL GROUP	CPT-1	RB-1	GWB	P-11	GWB	P-11	GWB	P-11	GWB	P-11	
E204	CUST	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
E205	PHYSICS LAB	R-3	RB-1	GWB	P-1	GWB	P-1	GWB	P-10	GWB	P-1	
E206	ELEC	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
E207	ASD	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-10	GWB	P-1	
E207A	TOILET	PT-2	MB-1	T-10/GWB	-/P-11	T-13/GWB	-/P-1	T-13/GWB	-/P-1	T-13/GWB	-/P-1	
E207B	MEET RM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
E207C	SAFE RM	LS-2	RB-1	GWB	P-11	GWB	P-11	GWB	P-11	GWB	P-11	Wall pads on all 4 walls
E208	WATER	CONC-S	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
E209	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-10	GWB	P-1	
E210	SMALL GROUP	CPT-1	RB-1	GWB	P-11	GWB	P-11	GWB	P-11	GWB	P-11	
E211	CLASSROOM	LS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-10	GWB	P-1	
E212	STEM	LS-4	RB-1	GWB	P-11	GWB	P-11	GWB	P-11	GWB	P-11	Robotics Field, Unistrut Rail Overhead for Weight Bearing
E213	SEL	RS-2	RB-1	GWB	P-1	GWB	P-1	GWB	P-10	GWB	P-1	
E215	RESOURCE	CPT-1	RB-1	GWB	P-11	GWB	P-11	GWB	P-11	GWB	P-11	
E217	CLASSROOM	LS-2	RB-1	GWB	P-10	GWB	P-1	GWB	P-1	GWB	P-1	
E219	CLASSROOM	LS-2	RB-1	GWB	P-10	GWB	P-1	GWB	P-1	GWB	P-1	
E220	T. CORRIDOR	PT-2	TB-1	GMBA	P-1	GMBA	P-1	GMBA	P-1	GMBA	P-1	
E221	CLASSROOM	LS-2	RB-1	GWB	P-10	GWB	P-1	GWB	P-1	GWB	P-1	
E223	CLASSROOM	LS-2	RB-1	GWB	P-10	GWB	P-1	GWB	P-1	GWB	P-1	
E225	CLASSROOM	LS-2	RB-1	GWB	P-10	GWB	P-1	GWB	P-1	GWB	P-1	
E227	STEM	LS-5	RB-1	GWB	P-10	GWB	P-1	GWB	P-1	GWB	P-1	Robotics Field, Unistrut Rail Overhead for Weight Bearing
E227A	ST	CONC	RB-1	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	
S102	STAIR	RS-1										
S104	STAIR	RS-2										
S202	STAIR	RS-1										
S203	STAIR	TS										Terrazzo treads, perfed painted risers
S204	STAIR	RS-2										
V01A	MAIN ENTRY	REM										
V01B	VESTIBULE	WCT-1										
V02	VEST	REM										
V03	VESTIBULE	REM										
V04	VESTIBULE	REM										
V05	VESTIBULE	REM										
V06	V	REM										
V07	V	REM										
V07	V	REM										
V08	VEST	REM										

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ROOM FINISH SCHEDULE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	Author
REVISIONS:	

DD SET

A700.2

FINISH ABBREVIATIONS

Finish: Type	Material: Mark	Material	BOD: Manufacturer	Material: Comments
BASE				
BASE	EPCB-1	Clear Epoxy Cove Resin Base	SIKAFLOOR	Trowel Aggregate
BASE	GBB-1	Glazed Brick Base	Glen-Gery	
BASE	MB-1	Metal Edge Trim	Schluter	Product dependant on tile thickness of wall abutting
BASE	RB-1	Resilient Base	Tarkett	
BASE	RCB	Rubber Cove Base	NORA	To match flooring
BASE	RVB	Rubber Vented Base	CONNER SPORT	Architect to select color at submittal
BASE	TB-1	Tile Base	PROSPEC: CASALGRANDE PADANA	Bullnose
COUNTER				
COUNTER	C-LS	Linoleum Sheet	FORBO	
COUNTER	C-PLAM	Laminate	WILSONART	
COUNTER	C-SS	Solid Surface	CORIAN	
FLOOR				
FLOOR	CONC-P	Concrete Polished		
FLOOR	CONC-S	Concrete Sealed		
FLOOR	CPT-1	Carpet Tile Type 1	SHAW	
FLOOR	CPT-2	Carpet Tile Type 2	SHAW	
FLOOR	CPT-3	Carpet Tile Type 3	SHAW	
FLOOR	CPT-4	Carpet Tile Type 4	SHAW	
FLOOR	CPT-5	Carpet Tile Type 5	SHAW	
FLOOR	CPT-6	Carpet Tile Type 6	FORBO	
FLOOR	EP-1	Epoxy Type 1	SIKAFLOOR	
FLOOR	GB-1	Glazed Brick Type 1	GLEN-GERY	Architect to select color at submittal
FLOOR	LS-1A	Linoleum Sheet Type 1a	FORBO MARMOLEUM	See floor pattern sheet for details

FINISH ABBREVIATIONS

Finish: Type	Material: Mark	Material	BOD: Manufacturer	Material: Comments
FLOOR	LS-1B	Linoleum Sheet Type 1b	FORBO MARMOLEUM	See floor pattern sheet for details
FLOOR	LS-2	Linoleum Sheet Type 2	FORBO MARMOLEUM	Use Decibel in classrooms on second floor
FLOOR	LS-3	Linoleum Sheet Type 3	FORBO MARMOLEUM	
FLOOR	LS-4	Linoleum Sheet Type 4	FORBO MARMOLEUM	
FLOOR	LS-5	Linoleum Sheet Type 5	FORBO	
FLOOR	PT-1	Porcelain Tile Type 1	PROSPEC: CASALGRANDE PADANA	12X24 & 24X24; See floor pattern sheet for details
FLOOR	PT-2	Porcelain Tile Type 2	DALTILE	12X24 Running Bond BOND
FLOOR	R-1	Rubber Type 1	NORA	Sheet to withstand baseball cleats
FLOOR	R-2	Rubber Type 2	NORA	Sheet to withstand baseball cleats
FLOOR	R-3	Rubber Type 3	NORA	24 x 24 tile
FLOOR	R-4	Rubber Type 4	PLITEQ	Sports flooring able to withstand weight drops
FLOOR	R-5	Rubber Type 5	GERFLOR	Sports flooring with proper give for dance and yoga
FLOOR	RS-1	Rubber Stairs Type 1	TARKETT	
FLOOR	RS-2	Rubber Stairs Type 2	TARKETT	
FLOOR	WAF-1	Wood Athletic Floor	ACTION FLOOR SYSTEMS LLC	
SURFACE FINISH				
SURFACE FINISH	CG	Custom Graphic	KOROSEAL	Printed on substrate (main entrance) or Printed with a liquid lamination top coat (gymnasium)
SURFACE FINISH	P-1	Paint Type 1	SHERWIN WILLIAMS	
SURFACE FINISH	P-2	Paint Type 2	SHERWIN WILLIAMS	
SURFACE FINISH	P-3	Paint Type 3	SHERWIN WILLIAMS	

FINISH ABBREVIATIONS

Finish: Type	Material: Mark	Material	BOD: Manufacturer	Material: Comments
SURFACE FINISH	P-4	Paint Type 4	SHERWIN WILLIAMS	
SURFACE FINISH	P-5	Paint Type 5	SHERWIN WILLIAMS	
SURFACE FINISH	P-6	Paint Type 6	SHERWIN WILLIAMS	
SURFACE FINISH	P-7	Paint Type 7	SHERWIN WILLIAMS	
SURFACE FINISH	P-8	Paint Type 8	SHERWIN WILLIAMS	
SURFACE FINISH	P-9	Paint Type 9	SHERWIN WILLIAMS	
SURFACE FINISH	P-10	Paint Type 10	SHERWIN WILLIAMS	
SURFACE FINISH	P-11	Paint Type 11	SHERWIN WILLIAMS	
SURFACE FINISH	P-12	Paint Type 12	SHERWIN WILLIAMS	
SURFACE FINISH	P-13	Paint Type 13	SHERWIN WILLIAMS	
WALL				
WALL	AFP	Acoustic Fabric Wrapped Panels		
WALL	GFB-1	Ground Face Block Type 1	JANDRIS	
WALL	MP	Metal Panel		Rendering appearance not upgraded
WALL	T-1	Tile Type 1	CREATIVE MATERIALS	12 x 24; Horizontally Stacked
WALL	T-2	Tile Type 2	GARDEN STATE TILE	1 x 6; Matte, Vertically Stacked
WALL	T-3	Tile Type 3	GARDEN STATE TILE	1 x 6; Matte, Vertically Stacked
WALL	T-4	Tile Type 4	GARDEN STATE TILE	1 x 6; Matte, Vertically Stacked
WALL	T-5	Tile Type 5	GARDEN STATE TILE	1 x 6; Matte, Vertically Stacked
WALL	T-6	Tile Type 6	GARDEN STATE TILE	1 x 6; Matte, Vertically Stacked
WALL	T-7	Tile Type 7	CREATIVE MATERIALS	4 x 8; Glossy; Vertically Stacked
WALL	T-8	Tile Type 8	CREATIVE MATERIALS	4 x 8; Glossy; Vertically Stacked
WALL	T-9	Tile Type 9	CREATIVE MATERIALS	4 x 8; Glossy; Vertically Stacked
WALL	T-10	Tile Type 10	CREATIVE MATERIALS	4 x 8; Glossy; Vertically Stacked
WALL	T-11	Tile Type 11	CREATIVE MATERIALS	4 x 8; Glossy; Vertically Stacked
WALL	T-12	Tile Type 12	DALTILE	1 x 6; Matte, Vertically Stacked
WALL	T-13	Tile Type 13	DALTILE	4 x 16; Matte, Running Bond Set Horizontally
WALL	T-14	Tile Type 14	PROSPEC	2 x 8; Satin; Vertically Stacked
WALL	T-15	Tile Type 15	DALTILE	Glossy Penny Rounds
WALL	T-16	Tile Type 16	DALTILE	Matte Penny rounds
WALL	WDP	Wood Panels	RULON	
WALL	WDPA-1	Wood Panels Acoustic Type 1	RULON	
WALL	WDPA-2	Wood Panels Acoustic Type 2	RULON	

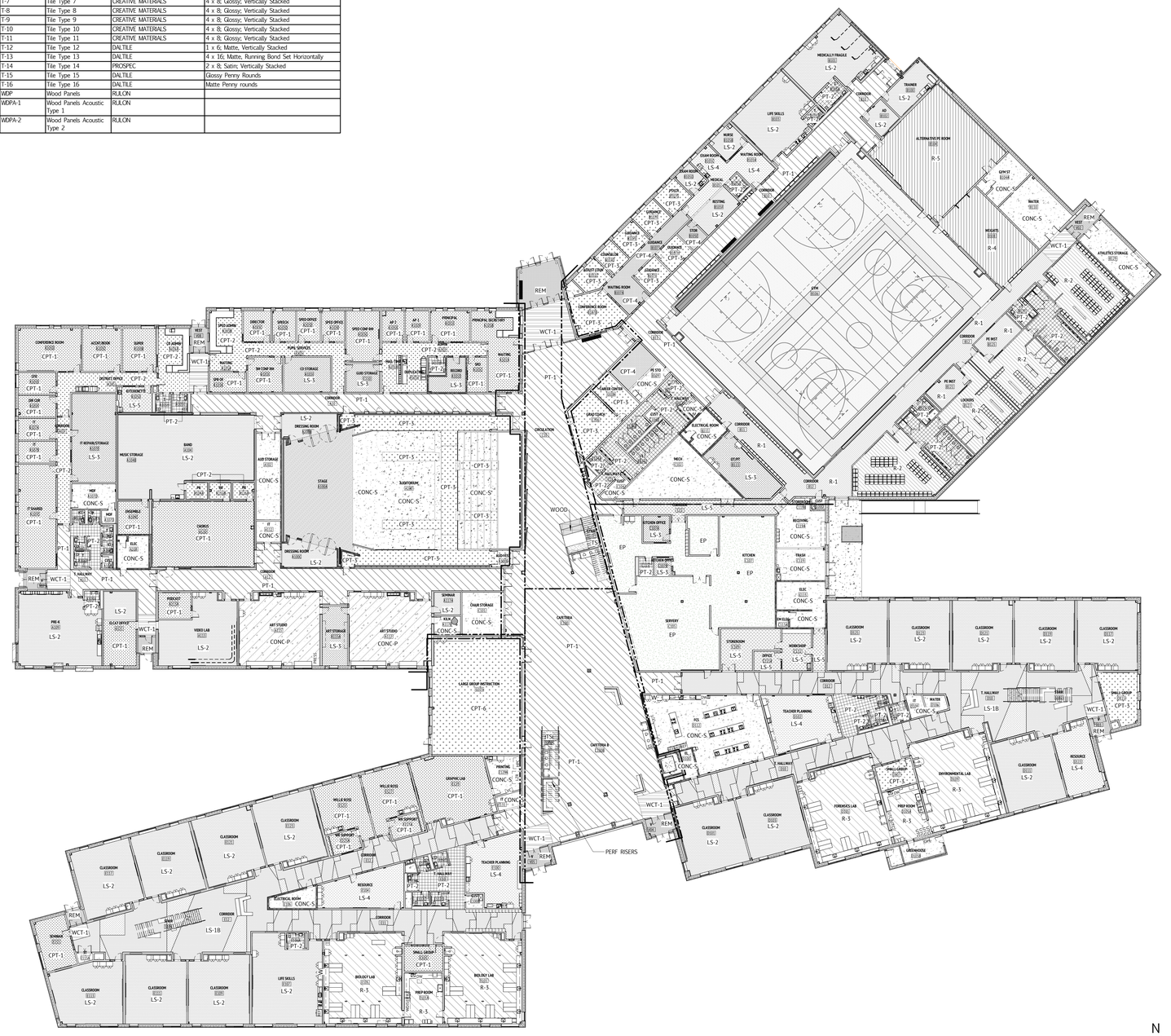
CPT-1 CPT-2 CPT-3 CPT-4 CPT-5 CPT-6

LS-1 LS-2 LS-3 LS-4 LS-5

PT-1 PT-2 R-1 R-2 R-3 R-4 R-5 RS-1 RS-1

REM WCT WAF CONC-S CONC-P C-EP TS

FLOOR FINISHES KEY PLAN - LEVEL 1
1/16" = 1'-0"



1 LEVEL 1 - FLOOR FINISH PLAN OVERALL
1" = 20'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 - FLOOR FINISH PLAN

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	HS
REVISIONS:	

DD SET

A701

CPT-1 CPT-2 CPT-3 CPT-4 CPT-5 CPT-6

LS-1 LS-2 LS-3 LS-4 LS-5

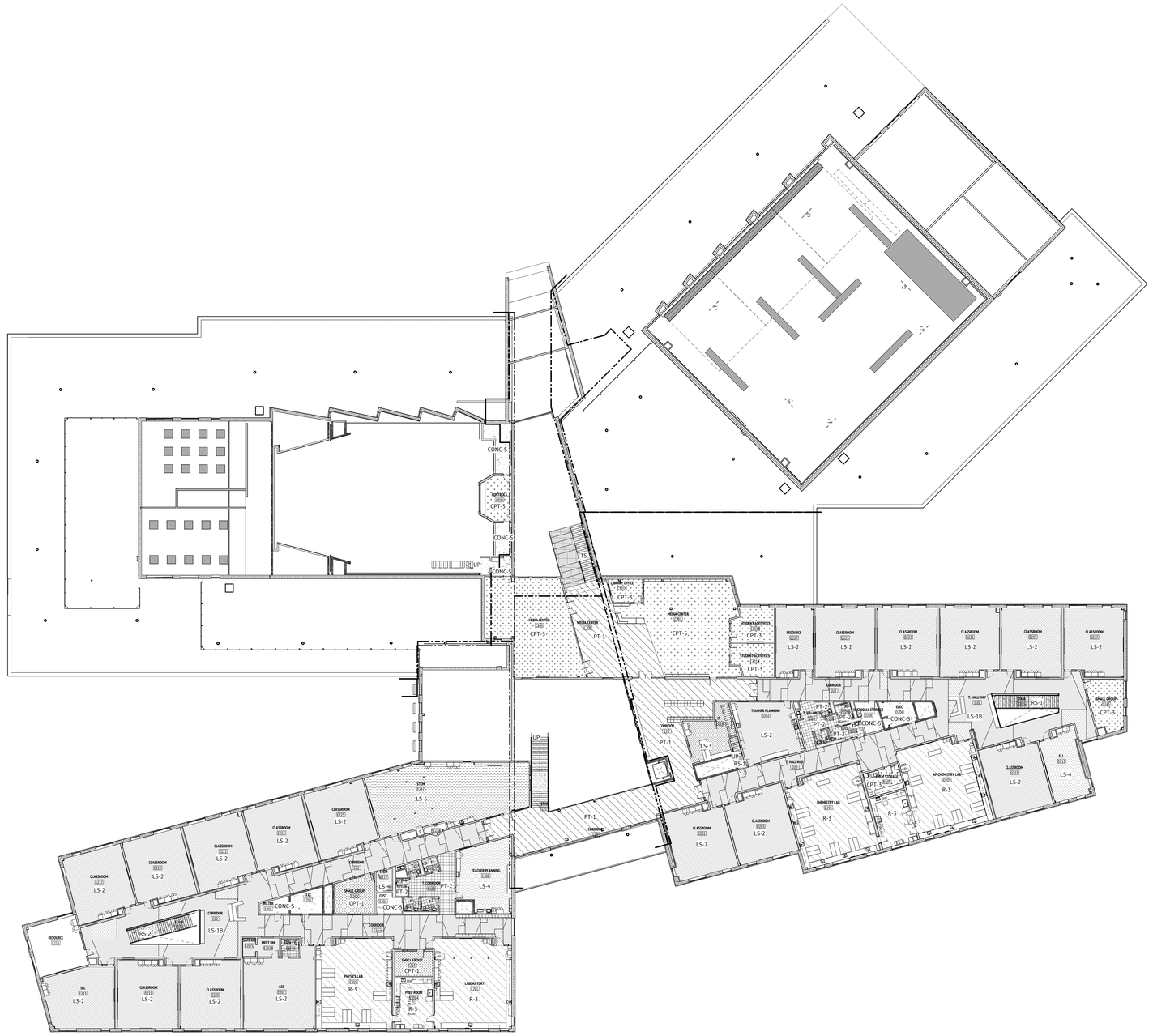
PT-1 PT-2

R-1 R-2 R-3 R-4 R-5 RS-1

REM WCT

WAF CONC-S C-EP TS

FLOOR FINISHES KEY PLAN - LEVEL 2
1/16" = 1'-0"



G1 LEVEL 2 - FLOOR FINISH PLAN
1" = 20'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

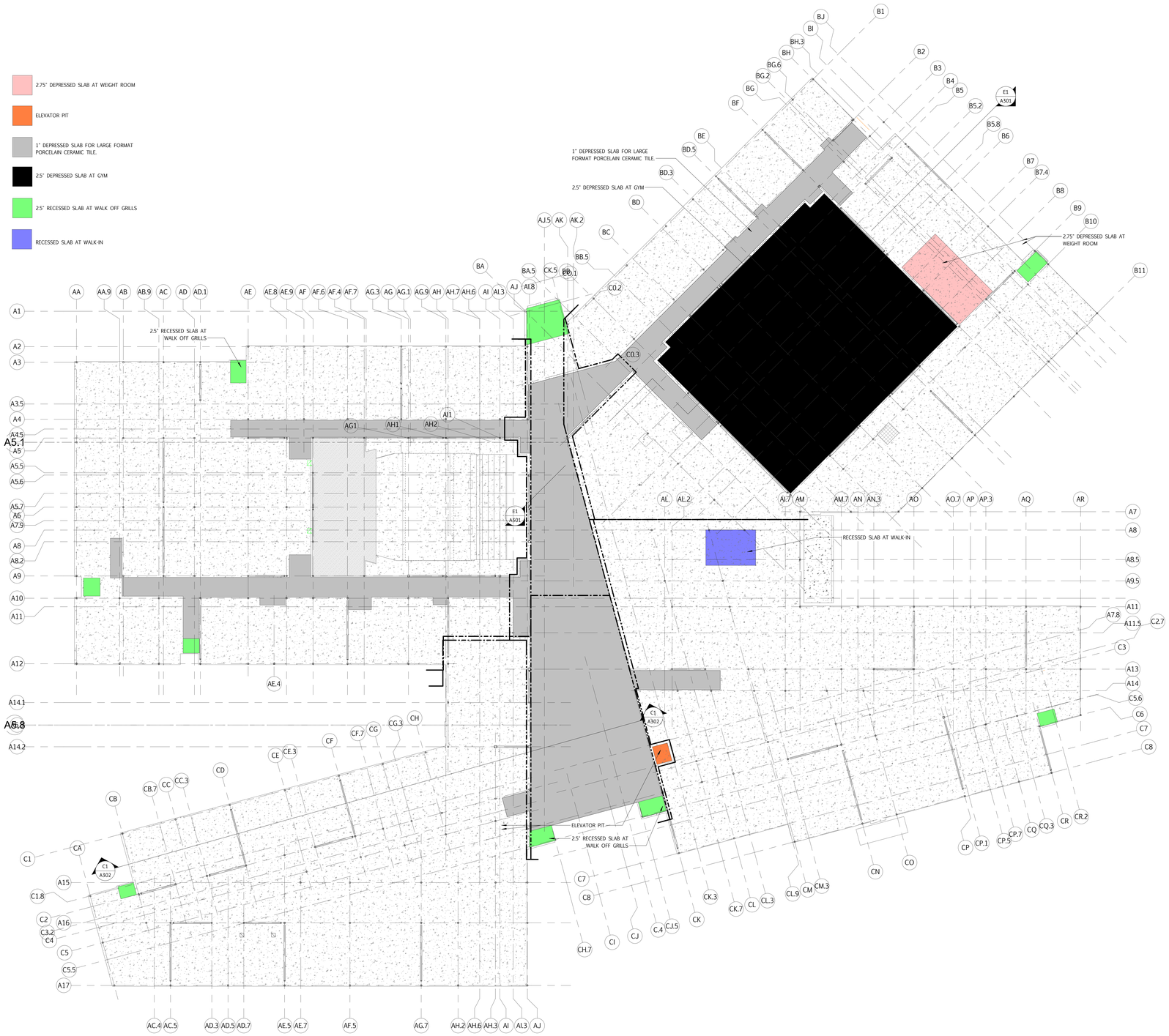
LEVEL 2 - FLOOR FINISH PLAN

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	HS
REVISIONS:	

DD SET

A702



G2 LEVEL 1 - EDGE OF SLAB OVERALL
1" = 20'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

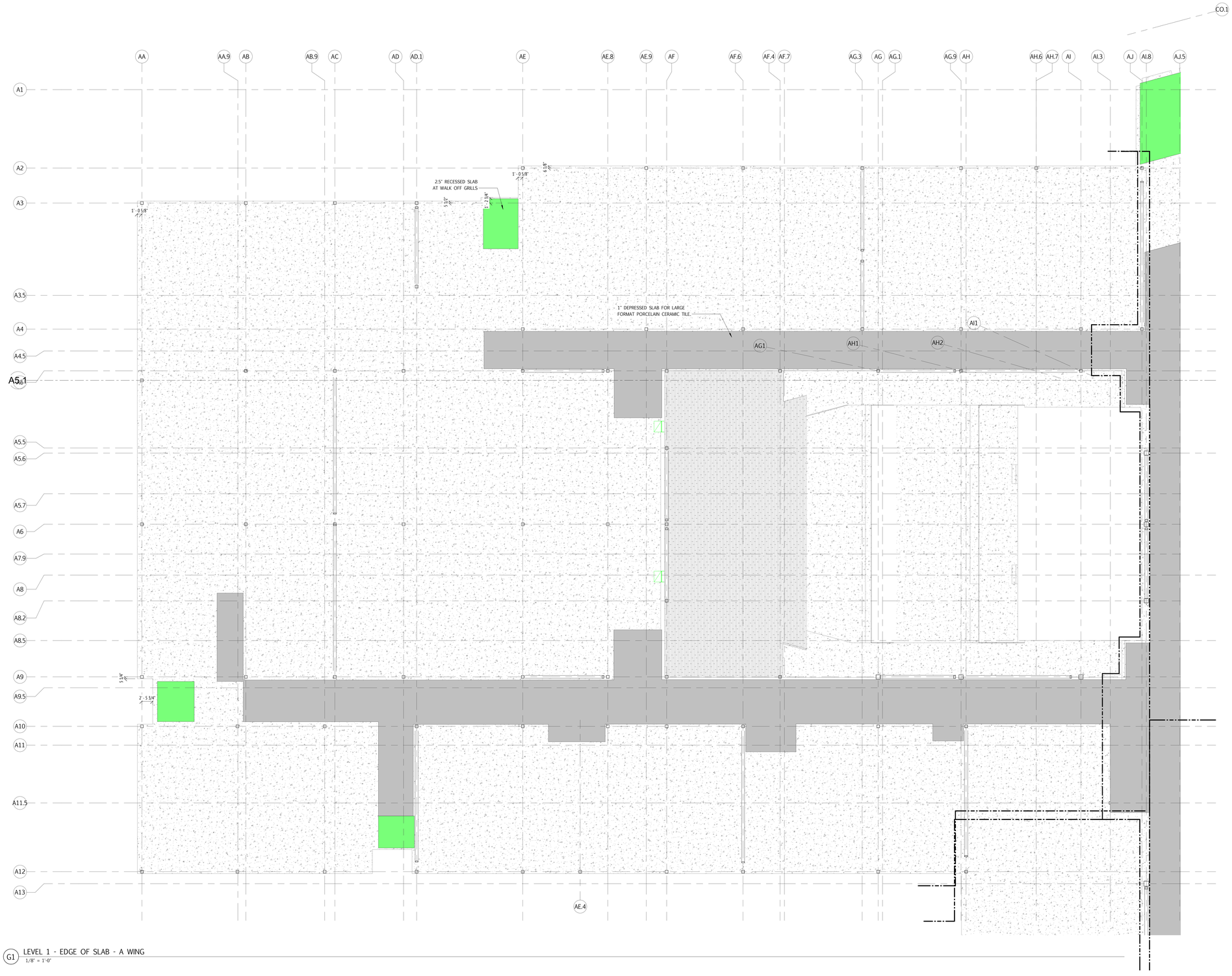
EDGE OF SLAB

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

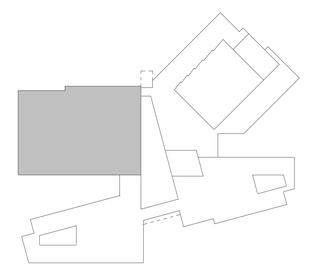
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 20'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

A801



G1 LEVEL 1 - EDGE OF SLAB - A WING
1/8" = 1'-0"



KEY PLAN - A WING
1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

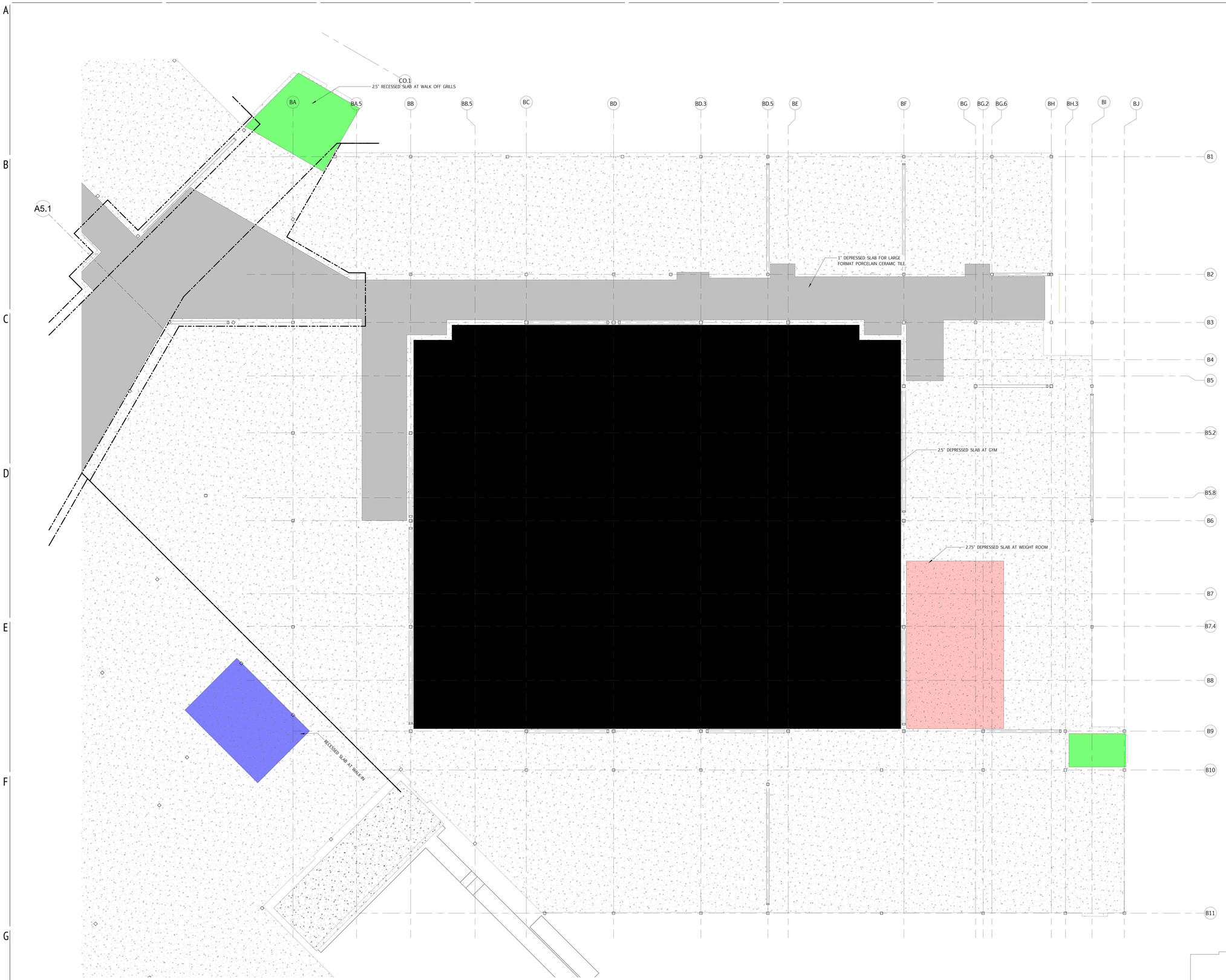
EDGE OF SLAB - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

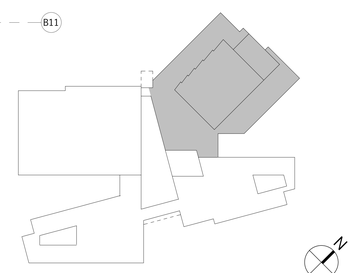
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A801.1



1 LEVEL 1 - EDGE OF SLAB - B WING
1/8" = 1'-0"



KEY PLAN - B WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

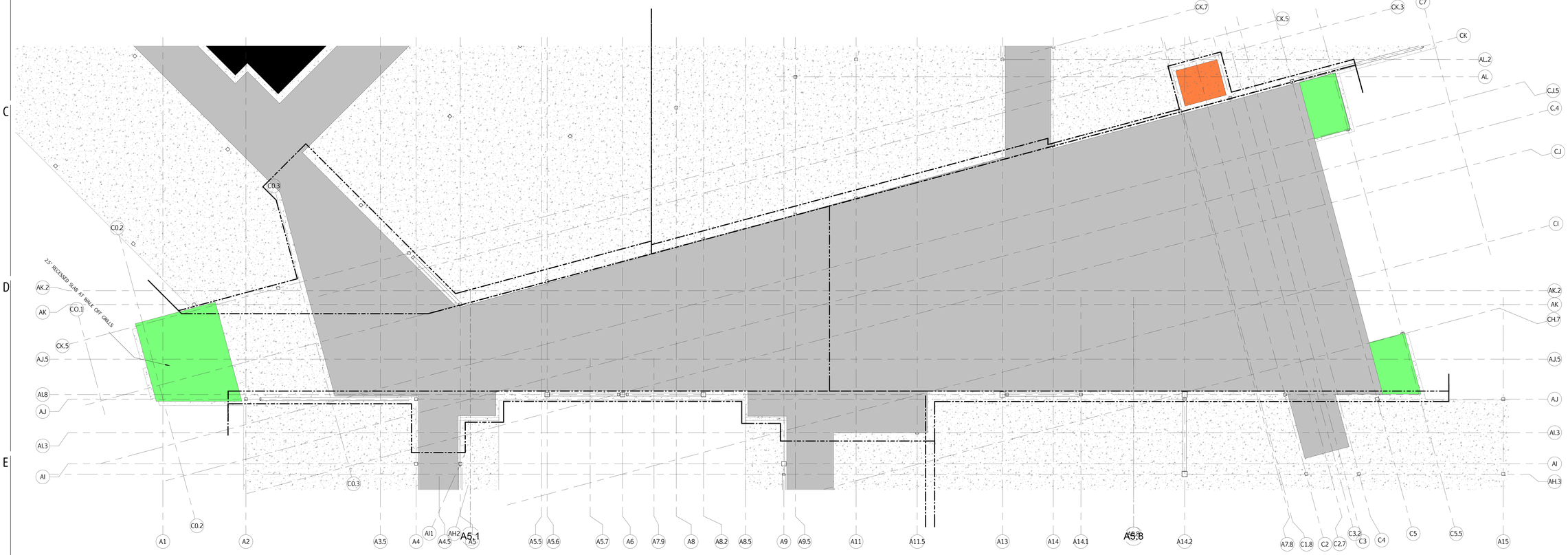
EDGE OF SLAB - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

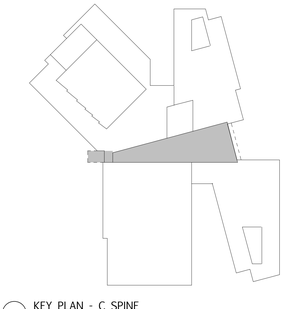
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A801.2



1 LEVEL 1 - EDGE OF SLAB - C WING
1/8" = 1'-0"



KEY PLAN - C SPINE
1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

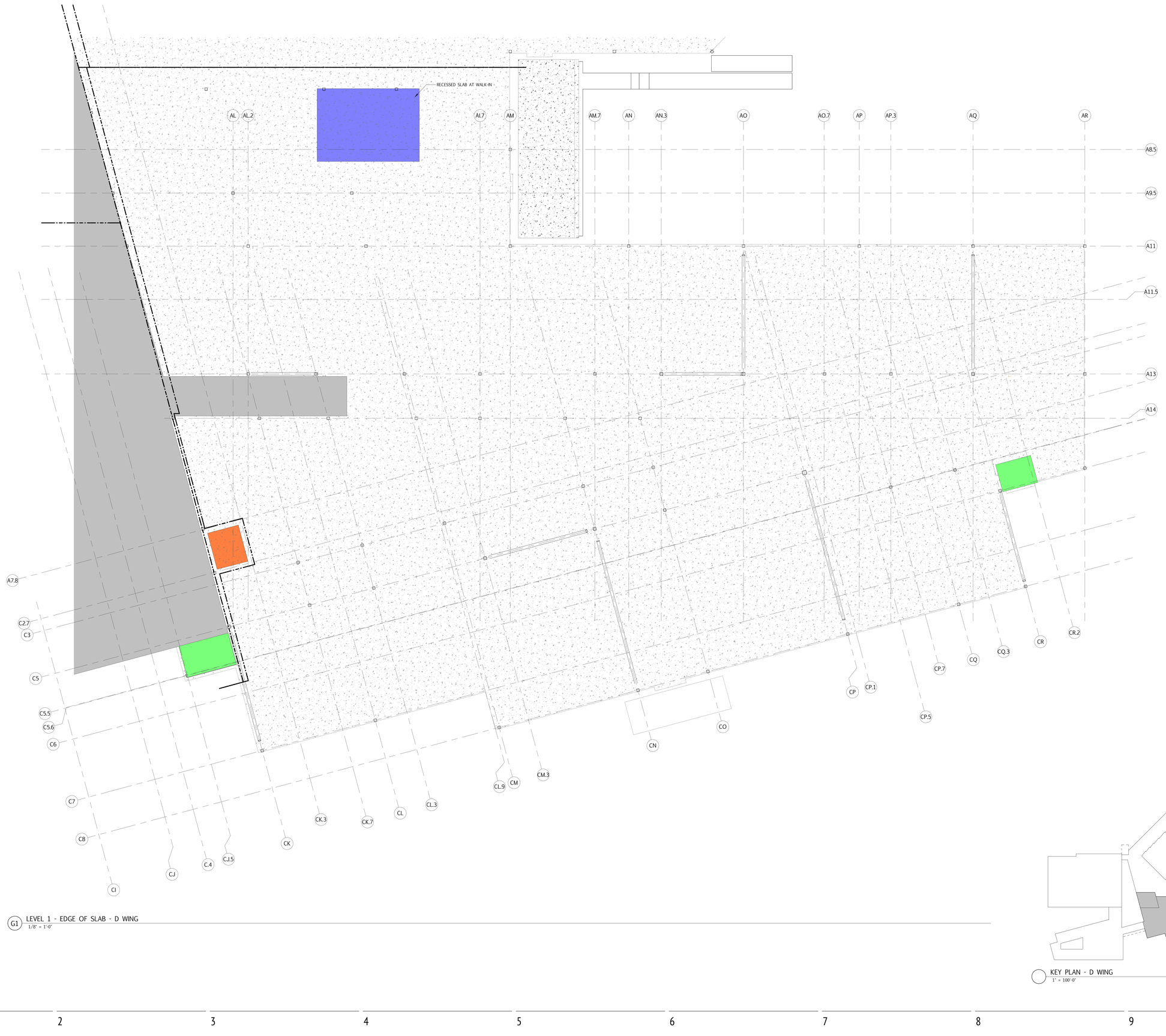
EDGE OF SLAB - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A801.3



G1 LEVEL 1 - EDGE OF SLAB - D WING
1/8" = 1'-0"

KEY PLAN - D WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

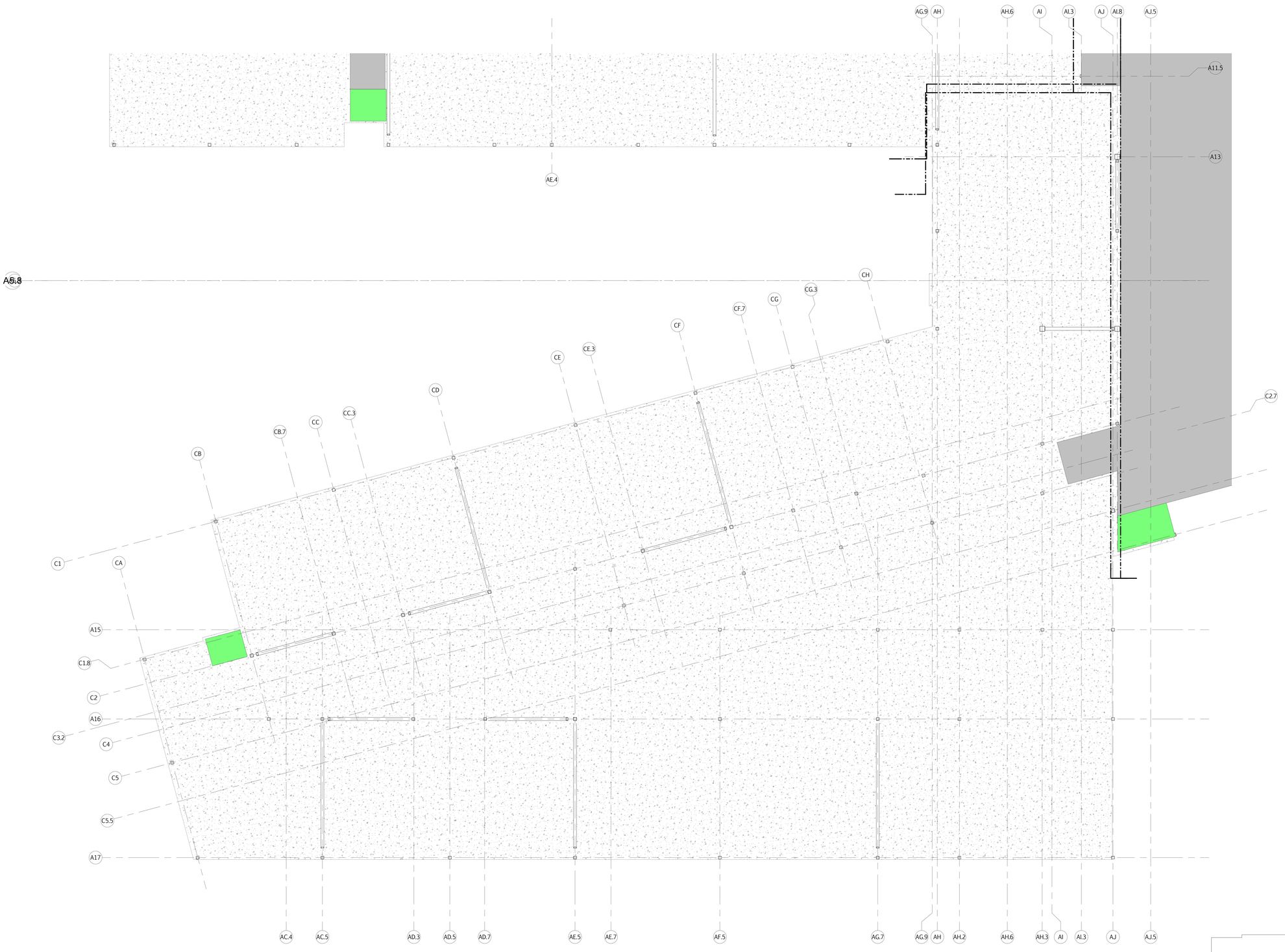
EDGE OF SLAB - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

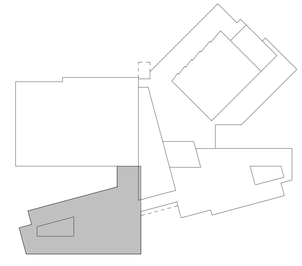
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A801.4



G1 LEVEL 1 - EDGE OF SLAB - E WING
1/8" = 1'-0"



KEY PLAN - E WING
1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

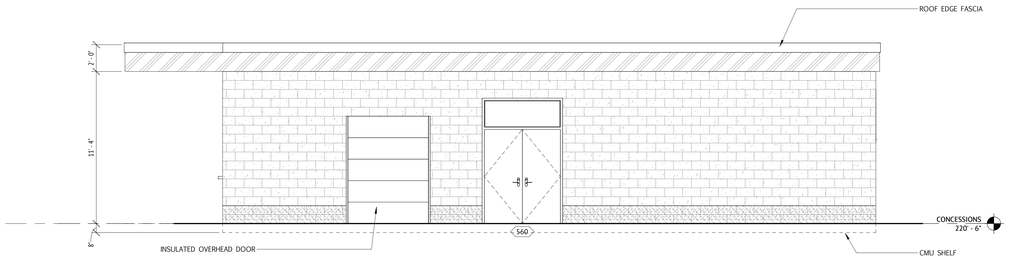
EDGE OF SLAB - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

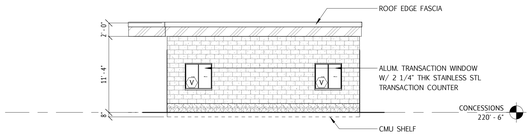
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

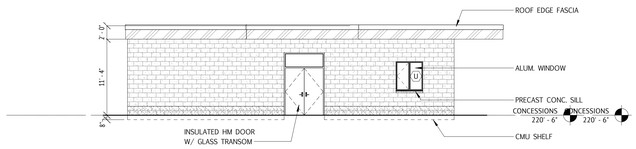
A801.5



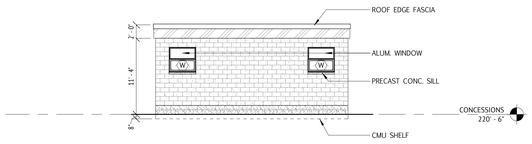
B3 CONCESSIONS NORTH
1/4" = 1'-0"



C3 CONCESSIONS EAST
1/8" = 1'-0"



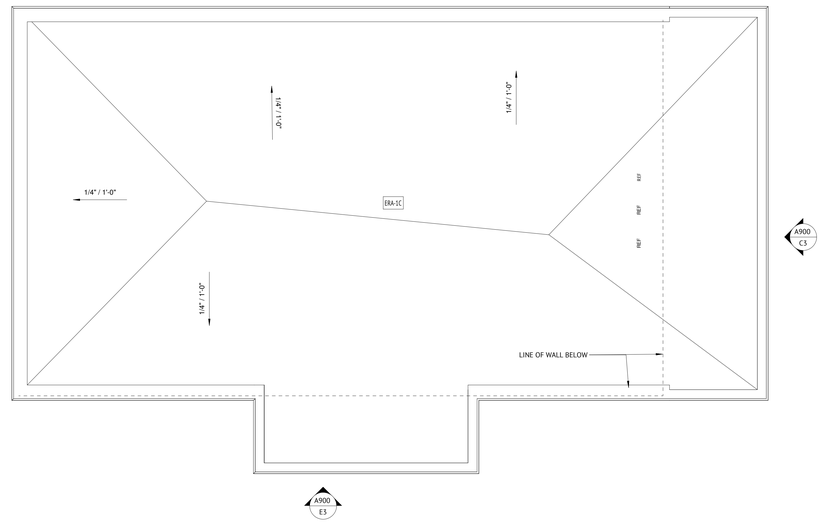
E3 CONCESSIONS SOUTH
1/8" = 1'-0"



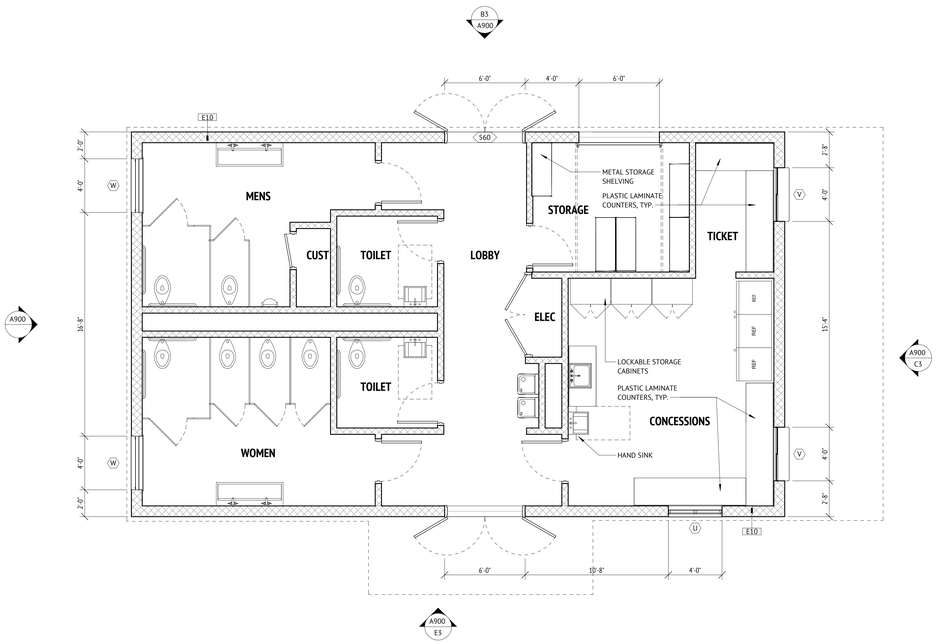
F3 CONCESSIONS WEST
1/8" = 1'-0"

EXTERIOR MATERIAL LEGEND

- GROUND FACE INSULATED CMU
- SPLIT FACE SOLID GROUT CMU
- PRECAST CONCRETE SILL
- COMPOSITE METAL PANEL



D6 CONCESSIONS ROOF
SCALE: 1/4" = 1'-0"



G6 CONCESSIONS
1/4" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CONCESSIONS BUILDING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

A900

MECH
C102

RECEIVING
C113

TRASH
C113A

MAIN ELEC
C111

OFFICE
C109A

BUSINE
D127

CAF A
C100

SERVERY
C105

KITCHEN

OFFICE
C107A

RECEIVING

CAN WASH & J.C.

WASHER
DRYER
DETERGENT STORAGE

LOCKERS

DRY STORAGE

WALK-IN REFRIGERATOR

WALK-IN FREEZER

VISION PANELS (TYPICAL)

42" DOOR CLEAR OPENING

TRUSH & RECYCLING

SOILED DEPOSIT WINDOW

WARE WASHING

TOILET

OFFICE

EYE WASH

PREPARATION

COOKING

SMART HOOD & ANSUL CABINET

POT WASHING

HOT & COLD SERVING LINE

BEVERAGES

COLD

HOT

ENTRY

EXIT

ICE CREAM

MILK

EXPRESS LINE

BEVERAGES

HOT

COLD

BEVERAGES

MOBILE CONDIMENTS

W

DW

?

OUTDOOR COMPRESSOR RACK

A/E NOTE:
UNIT CANNOT BE LOCATED MORE THAN A TOTAL OF 100'-0" FROM WALK-IN REFRIGERATORS/FREEZERS, INCLUDING 45'-0" MAXIMUM VERTICAL RISE.

K.E.C. TO VERIFY LOCATION WITH A/E DRAWINGS

A1 MAIN KITCHEN FOOD SERVICE EQUIPMENT ARRANGEMENT PLAN
SCALE 1" = 1/4"

KEY PLAN - D WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

MAIN KITCHEN FOOD SERVICE EQUIPMENT ARRANGEMENT PLAN
LEVEL 1 PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JMS
REVISIONS:	

DD SET

FS1.01

SCHEDULE OF FOOD SERVICE EQUIPMENT

NO.	QTY.	DESCRIPTION	HW	CW	W	IW	HP	KW	AMPS	VOLTS	CFM EXH	CFM SUP	REMARKS
1	12	STAFF LOCKERS (N.I.K.E.C.)											N.I.K.E.C. - SPECIFIED BY ARCHITECT
2	1	CAN STORAGE RACK											MOBILE
3	-	SPARE NO.											
4	9	STOREROOM SHELVING SECTIONS											MOBILE
5	1	STOREROOM DUNNAGE RACK											MOBILE
6	1	WALK-IN REFRIGERATOR						300 (LTS) / 0.5	20.0	120-1Ø			EO's,
	1	WALK-IN REFRIGERATOR EVAPORATOR COIL				1"			1.8	120-1Ø			E.O., IW TO FS
7	1	WALK-IN FREEZER						300 (LTS) / 0.5	20.0	120-1Ø			EO's,
	1	WALK-IN FREEZER EVAPORATOR COIL				1"			*	*			* ELECTRIC FOR FREEZER BLOWER COIL FROM COMPRESSOR RACK, SEE ROUGH-IN DRAWING FOR DETAILS
	1	WALK-IN FREEZER DRAIN LINE HEATER						1.0		120-1Ø			E.O.
8	2	FLOOR TROUGHS W/GRATING (A.D.A.)			4"								A.D.A. GRATING. WASTE IN DEPRESSION
9	-	SPARE NO.											
10	18	REFRIGERATOR SHELVING SECTIONS											MOBILE
11	4	REFRIGERATOR DUNNAGE RACKS											MOBILE
12	1	COMPRESSOR RACK					6.0 & 1.5		32.7	208-3Ø			OUT-DOOR, AIR-COOLED (SEE ROUGH-IN PLANS)
13	-	SPARE NO.											
14	10	ROLL-IN UTLITY PAN RACKS											MOBILE
15	1	PREPARATION TABLE WITH DRAWER											MOBILE, DRAWER WITH CUTTING BOARD
16	3	MANUAL CAN OPENERS											
17	1	DRAIN TROUGH W/GRATING (A.D.A.)			4"								A.D.A. GRATING , WASTE IN DEPRESSION
18	1	30 QUART MIXING MACHINE					3/4		2.8	208-3Ø			EO
19	1	MIXER PARTS RACK											SUSPENDED FROM CEILING
20	1	POT FILL FAUCET WITH HOSE	1/2"	1/2"									HW, CW
21	1	MOBILE STAND WITH DRAWER											
22	1	FOOD PROCESSOR					2.0		5.8	120-1Ø			SR
23	1	SLICER STAND											MOBILE
24	1	SLICING MACHINE					1/2		5.6	120-1Ø			SR
25	2	PREPARATION TABLES WITH DRAWERS							20.0	120-1Ø			ONE (1) UNIT - A.D.A. ACCESSIBLE MOBILE, DRAWER WITH CUTTING BOARD, DRs (CONVENIENT OUTLETS)
26	1	IMMERSION MIXER							6.25	120-1Ø			SR
27	2	PREPARATION TABLES WITH SINKS (1-A.D.A.)	2) 1/2"	2) 1/2"		2) 2"			20.0	120-1Ø			ONE (1) UNIT - A.D.A. ACCESSIBLE, OVERSHELF HWs, CWs, IW TO FS, DRs (CONVENIENCE OUTLETS)
28	1	COOK'S TABLE							20.0	120-1Ø			MOBILE, DR (CONVENIENCE OUTLET)
29	2	UNDERCOUNTER REFRIGERATORS					1/4		4.0	120-1Ø			MOBILE, DRAWERS, SR
30	2	HAND SINKS	1/2"	1/2"	1 1/2"								MANUAL FAUCET, PAPER TOWEL DISPENSER & SOAP DISPENSER BY OWNER , HW, CW, W
	2	EYE WASH ASSEMBLIES	1/2" (TEMPERED)	1/2"									HW & CW TO BE TEMPERED, MIXING VALVE BY P.C.
31	1	COOK'S TABLE WITH SINK	1/2"	1/2"		2"			20.0	120-1Ø			TOOL DRAWER, HW, CW, IW TO FS, DR (CONVENIENCE OUTLET)
32	1	UTENSIL RACK											SUSPENDED FROM CEILING
33	-	SPARE NO.											
34	1	VENTILATOR ASSEMBLY WITH LIGHTS, DCV & FIRE SYSTEMS						*		120-1Ø	4,516	3,612	EO [REFER TO ROUGH-IN DWGS. FOR ELECTRICAL INTERWIRING]
	1	(DCV) DEMAND CONTROL VENTILATION							*	*			* SEE ROUGH-IN REQUIREMENTS ON ROUGH-IN PLANS EO [REFER TO ROUGH-IN DWGS. FOR ELECTRICAL INTERWIRING]
		FIRE SUPPRESSION SYSTEM							20.0	120-1Ø			EO [REFER TO ROUGH-IN DWGS. FOR ELECTRICAL INTERWIRING]
35	1	UTILITY DISTRIBUTION SYSTEM	3/4"	1"					50.0 / 150.0	120/208-3Ø 480-3Ø			HW, CW, EO [REFER TO ROUGH-IN DWGS. FOR ELECTRICAL INTERWIRING]
36	1	POT FILL FAUCET WITH HOSE	*	*									* INTERCONNECTED TO U.D.S., ITEM NO. 35
37	1	4-FRENCH PLATE RANGE WITH OVEN							*	*			* INTERCONNECTED TO U.D.S., ITEM NO. 35, MOBILE
38	2	DOUBLE DECK CONVECTION OVENS							*	*			* INTERCONNECTED TO U.D.S., ITEM NO. 35, MOBILE
39	-	SPARE NO.											
40	1	40-GALLON TILTING SKILLET	*	*					*	*			* INTERCONNECTED TO U.D.S., ITEM NO. 35
41	1	DRAIN TROUGH W/GRATING			4"								ST. ST. GRATING, WASTES IN DEPRESSION
42	1	DOUBLE STACKED COMBI-OVEN (BOILERLESS)		*		2) 1-1/2"			*	*			* INTERCONNECTED TO U.D.S., ITEM NO. 35, IWs TO FS
43	3	POT & PAN RACKS											MOBILE
44	1	WASTE DISPOSER		1/2"	2"		2.0		3.6	208-3Ø			CW, WASTE, EO
45	1	POT WASHING ASSEMBLY W/OVERSHELF	2) 1/2"	2) 1/2"	(3) 2"								HWs, CWs,Ws
46	1	HAND SINK (A.D.A.)	1/2"	1/2"	1 1/2"								UNIT TO BE A.D.A. ACCESSIBLE, MANUAL FAUCET, PAPER TOWEL & SOAP DISPENSER BY OWNER, HW, CW, W
47	2	ROLL-THRU REFRIGERATED CABINETS					1/3		7.5	120-1Ø			SR
48	3	ROLL-THRU HEATED CABINETS						2.0	8.2	120/208-1Ø			SR
49	2	ROLL-IN REFRIGERATED CABINETS					1/3		7.3	120-1Ø			SR
50	2	ROLL-IN HEATED CABINETS						2.0	8.2	120/208-1Ø			SR
51	1	BACKCOUNTER W/ WORK SINKS & DRAWERS	1/2"	1/2"		2"			2) 20.0	120-1Ø			HW, CW, W, DRs (CONVENIENCE OUTLETS)
52	1	BACKCOUNTER WITH DRAWERS							20.0	120-1Ø			HW, CW, W, DR (CONVENIENCE OUTLET)
53	3	HAND SINKS	1/2"	1/2"	1 1/2"								MANUAL FAUCET, PAPER TOWEL DISPENSER & SOAP DISPENSER BY OWNER , HW, CW, W
54	1	BACKCOUNTER W/ WORK SINKS & DRAWERS	1/2"	1/2"		2"			2) 20.0	120-1Ø			HW, CW, W, DRs (CONVENIENCE OUTLETS)
55	1	BACKCOUNTER W/ WORK SINKS & DRAWERS	1/2"	1/2"		2"			2) 20.0	120-1Ø			HW, CW, W, DRs (CONVENIENCE OUTLETS)
56	1	WALL MOUNTED MICROWAVE SHELF											
57	1	MICROWAVE OVEN						1.2	17.3	120-1Ø			SR
58	6	MOBILE TRAY CARTS											
59	3	POT FILL FAUCETS WITH HOSE		1/2"									CW
60	2	AIR-CURTAIN COLD MERCHANDISERS						1.4	16.0	208-1Ø			SR (LS-20P)
61	3	WALL MOUNTED TRAYSLIDES											
62	1	SERVING COUNTER W/ FOOD PROTECTOR											
	1	2-TIER FOOD PROTECTOR WITH LIGHTS							0.36	120-1Ø			SR
	1	DROP-IN HOT OR COLD CERAMIC GLASS SHELF							7.5	120-1Ø			SR
63	3	MULTI-TEMP COUNTERS W/ FOOD PROTECTOR											MOBILE, LIGHTS, FOLD-DOWN WORKSHELVES
	3	DROP-IN HOT/COLD FOOD WELL UNITS				4) 1"			14.4	120/208-1Ø			IW TO FS (MANIFOLDED TO (1) 1" IW BY MFR.), SR
	3	FOOD SHIELDS WITH LIGHTS							0.18	120-1Ø			SR
64	1	SERVING COUNTER							20.0	120-1Ø			MOBILE, DR (CONVENIENCE OUTLET)
65	1	SERVING COUNTER W/ FOOD PROTECTOR											
	1	2-TIER FOOD PROTECTOR WITH LIGHTS							0.36	120-1Ø			SR
	1	DROP-IN HOT OR COLD CERAMIC GLASS SHELF							7.5	120-1Ø			SR
66	6	TRAY & CUTLERY DISPENSERS											MOBILE
67	2	MILK & JUICE CABINETS					1/5		2.7	120-1Ø			MOBILE, SR
68	2	REFRIGERATED MERCHANDISERS					1/2		8.5	120-1Ø			SLIDING DOORS, MOBILE, SR
69	1	AIR-CURTAIN COLD MERCHANDISER						1.4	16.0	208-1Ø			SR (LS-20P)
70	1	AIR-CURTAIN HOT MERCHANDISER						2.9	14.0	208-1Ø			SR
71	2	ICE CREAM MERCHANDISERS					1/4		3.0	120-1Ø			MOBILE, SR
72	1/LOT	TRAFFIC CONTROL ROPES (N.I.K.E.C.)											N.I.K.E.C. - BY ARCHITECT
73	2	CASHIER COUNTERS							20.0	120-1Ø			FOLD-DOWN TRAYSLIDE(S) DR (DEDICATED CIRCUIT)
74	1	CASHIER COUNTER (A.D.A.)							20.0	120-1Ø			ONE (1) UNIT A.D.A. ACCESSIBLE, FOLD-DOWN TRAYSLIDE(S) DR,(DEDICATED CIRCUIT)
75	3	CASH REGISTERS/P.O.S. STATIONS (N.I.K.E.C.)							*	*			(N.I.K.E.C. BY OWNER) - * EMPTY COMPUTER CONDUIT BY ELECTRICAL SUB-CONTRACTOR
76	2	MOBILE CONDIMENT COUNTERS											DUAL FOLD-DOWN TRAYSLIDES, BASE CABINET WITH LOCKABLE DOORS
77	1	WINDOW W/ROLL-DOWN SHUTTER (N.I.K.E.C.)											N.I.K.E.C. - BY ARCHITECT
78	1	SOILED DISHTABLE											
79	-	SPARE NO.											
80	1	POT & PAN SCRAP COLLECTOR	1/2"	1/2"		2"			3.2	208-3Ø			HW, CW, IW TO FS, EO
81	1	PRE-RINSE FAUCET	1/2"	1/2"									CW, HW

NOTE: ALL ROUGH-IN VALUES SHOWN ABOVE FOR EACH UNIT.

SCHEDULE OF FOOD SERVICE EQUIPMENT

NO.	QTY.	DESCRIPTION	HW	CW	W	IW	HP	KW	AMPS	VOLTS	CFM EXH	CFM SUP	REMARKS
82	1	CONVEYOR DISHWASHER W/ BOOSTER	1/2" (110°F. MIN.)	1/2"		2"		30.0	70.7	480-3Ø			WITH EXTENDED CHAMBER HW (70gph AT 70° RISE), IW TO FS, EO
83	1	DET. METER/RINSE INJECTOR (N.I.K.E.C.)							20.0	120-1Ø			N.I.K.E.C. BY OWNER, DR
84	2	VERTICAL VENT DUCTS									200 LOAD 400 UNLOAD		CFM @ 1/4" S.P.
85	1	CLEAN DISHTABLE											
86	4	TRAY DRYING RACKS											MOBILE
87	1	CLOTHES WASHER & DRYER (N.I.K.E.C.)	*	*	*				*	*	*		* CONSULTING ENGINEERS TO SHOW ALL UTILITY REQUIREMENTS SEE ARCHITECTURAL DRAWINGS
88	1	DETERGENT STORAGE SHELVING UNIT											MOBILE
89	-	SPARE NO.											
90	1	DRAIN TROUGH W/GRATING (A.D.A.)				4"							A.D.A. GRATING , WASTE IN DEPRESSION
91	1	HOSE REEL ASSEMBLY	1/2"	1/2"									HW, CW
92	1	CANWASHER & JANITOR'S SINK	1/2"	1/2"		2) 2"							HW, CW, IWs TO FS, PLUMBING CONTRACTOR TO CONNECT FOOT PEDALS AND FAUCETS
93	1	CAN RACK											MOBILE
94	1	HAND SINK WITH EYE WASH (A.D.A.)	1/2" (TEMPERED)	1/2"	1 1/2"								UNIT TO BE A.D.A. ACCESSIBLE, MANUAL FAUCET, HW & CW TO BE TEMPERED, MIXING VALVE BY P.C.

NOTE: ALL ROUGH-IN VALUES SHOWN ABOVE FOR EACH UNIT.

GENERAL NOTES & LEGENDS

NO. - Number	CFM - Cubic Feet Per Minute
QTY. - Quantity	EXT - Exhaust Air
HW - Hot Water	SUP - Return (Supply) Air
CW - Cold Water	FS - Floor Sink
W - Waste (solid connection)	Recommended size approximately 12 in. x 12 in. x 5 in. deep with removable sediment basket and floor grate.
IW - Indirect Waste (open)	All grates to be cut-out slightly larger than tail piece drain diameter They serve to eliminate splash-over.
HP - Horsepower	Provide minimal pitch toward floor sinks.
KW - Kilowatt	EO - Electrical Outlet (solid connection)
AMPS - Amperage	DR - Duplex Receptacle
GAS - Not Applicable	SR - Single Receptacle
BTU - British Thermal Unit	AFF + Height above finished floor (approximate point of final connection)

DCV - DEMAND CONTROL VENTILATION (EXHAUST HOOD)
E.C. - ELECTRICAL SUB-CONTRACTOR
P.C. - PLUMBING SUB-CONTRACTOR
HVAC - HEATING/VENTILATION SUB-CONTRACTOR
K.E.C. - KITCHEN EQUIPMENT SUB-CONTRACTOR
N.I.K.E.C. - Not In Kitchen Equipment Contract

GENERAL NOTES

WALK-IN FREEZER & REFRIGERATOR ITEMS NO. 6 & 7

1. ELECTRICAL SUB-CONTRACTOR TO INSTALL AND INTERWIRE ADDITIONAL LIGHTS IN CEILING OF WALK-IN BOXES. FIXTURES TO BE PROVIDED BY THE KITCHEN EQUIPMENT SUB-CONTRACTOR.
2. ELECTRICAL SUB-CONTRACTOR TO FIELD WIRE THERMOSTATS TO SOLENOID VALVES IN THE WALK-IN BOXES.
3. ELECTRICAL SUB-CONTRACTOR TO WIRE ALARM "BUILDING MONITORING SYSTEM" OR AS DIRECTED BY THE ARCHITECT. AUDIO/VISUAL ALARM PROVIDED AND INSTALLED BY THE KITCHEN EQUIPMENT SUB-CONTRACTOR.
4. FREEZERS - ELECTRICAL SUB-CONTRACTOR TO INTERWIRE THERMOSTATS TO SOLENOID VALVES. IN ADDITION, ELECTRICAL SUB-CONTRACTOR TO INTERWIRE TIME CLOCKS AT THE REFRIGERATION PACKAGE TO JUNCTION BOX LOCATED AT THE BLOWER COILS.
5. PLUMBING SUB-CONTRACTOR TO FURNISH AND INSTALL INSULATED INDIRECT WASTE FOR ALL WALK-IN BLOWER COILS.
6. KITCHEN EQUIPMENT SUB-CONTRACTOR TO FURNISH AND INSTALL ALL NECESSARY AND CONCEALED REFRIGERATION LINES FROM THE REFRIGERATION PACKAGE TO THE BLOWER COILS IN THE WALK-BOXES. ACCESS OPENINGS TO BE FURNISHED BY GENERAL CONTRACTOR.
7. K.E.C. TO COORDINATE WITH TRADES ALL PENETRATION LOCATIONS REQUIRED FOR REFRIGERATION LINES AND CONDUIT RUNS. PENETRATIONS SEALANT BY APPLICABLE TRADES.
8. KITCHEN EQUIPMENT SUB-CONTRACTOR TO FURNISH AND SET-IN-PLACE, REFRIGERATION PACKAGE FOR WALK-IN REFRIGERATORS & FREEZER. SEE ARCHITECTURAL/MECHANICAL DRAWINGS FOR LOCATION OF REFRIGERATION PACKAGE.
9. EMERGENCY ELECTRICAL POWER IS REQUIRED FOR ALL WALK-IN REFRIGERATOR AND FREEZER EQUIPMENT SHOWN ON THESE CONTRACT DRAWINGS.
10. KITCHEN EQUIPMENT SUB-CONTRACTOR TO FURNISH AND INSTALL FREEZER DRAIN LINE HEAT TAPE FOR FINAL CONNECTION BY ELECTRICAL SUB-CONTRACTOR.

K.E.C./ELECTRICAL SUB-CONTRACTOR - PANIC ALARMS

1. ALL MAN DOORS FOR ALL COMPARTMENTS SHALL BE FITTED WITH AN AUDIBLE PANIC ALARM.
2. THE KITCHEN EQUIPMENT SUB-CONTRACTOR SHALL ASSEMBLY AND MOUNT ALARMS SPECIFIED READY FOR INTERWIRING AND FINAL CONNECTIONS.

REMOTE REFRIGERATION PACKAGE ITEM NO. 12 - ONE (1) COMPRESSOR RACK

FOR ITEMS NO. 6 AND 7

1. REFRIGERATION PACKAGE TO MEASURE APPROXIMATELY 60" LONG X 40" WIDE X 35" HIGH AND WEIGHS APPROXIMATELY 500 POUNDS.
2. ROOFING SUB-CONTRACTOR TO FURNISH CURBING AS REQUIRED TO SUPPORT COMPRESSOR RACK ASSEMBLY. EXACT FINAL LOCATION OF CURBING AND COMPRESSOR RACK TO BE SHOWN ON ARCHITECTURAL/MECHANICAL DRAWINGS. (NOT FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR.)
3. UNIT TO BE FURNISHED AND SET-IN-PLACE BY THE KITCHEN EQUIPMENT SUB-CONTRACTOR. KITCHEN EQUIPMENT SUB-CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE ALL SUPPORT REQUIREMENTS.
4. UNIT CANNOT BE LOCATED MORE THAN A TOTAL OF 100'-0" FROM WALK-IN UNITS, INCLUDING A 45'-0" MAXIMUM VERTICAL RUN.

ITEM NO. 34 - VENTILATOR WITH LIGHTS, DEMAND CONTROL VENTILATION (DCV) & WET CHEMICAL FIRE SUPPRESSION SYSTEMS

1. ELECTRICAL SUB-CONTRACTOR TO PROVIDE ALL INTERWIRING BETWEEN VFDs, FIRE SUPPRESSION SYSTEM AND ROOF-TOP EXHAUST/SUPPLY FAN MACHINERY.
2. ELECTRICAL SUB-CONTRACTOR TO INTERWIRE FIRE SUPPRESSION SYSTEM RELAY AND SYSTEM ALARM BELLS, AND INTERWIRE TO BUILDING ALARM SYSTEM.
3. WIRING OF FAN CONTROLS AND FIRE SUPPRESSION SYSTEM TO BE IN ACCORDANCE WITH APPLICABLE NATIONAL AND/OR LOCAL CODES.
4. DEMAND CONTROL VENTILATION (DCV) AND FIRE SUPPRESSION SYSTEM SHALL BE FURNISHED AND SET-IN-PLACE BY THE K.E.C., READY FOR FINAL CONNECTIONS BY THE TRADES.
5. ALL REMOTE PULL STATIONS SHALL BE LOCATED AND INSTALLED BY FIRE SUPPRESSION SUPPLIER IN COORDINATION WITH ALL CODES AND LOCAL FIRE AUTHORITIES.

NOTE: KITCHEN EQUIPMENT SUB-CONTRACTOR & THEIR FIRE SUPPRESSION INSTALLER TO VERIFY WITH THE FIRE AUTHORITY HAVING JURISDICTION - THE USE OF DAMPERS.

IN ADDITION, VERIFY THE NEED FOR FIRE SUPPRESSION NOZZLES AND PROVIDE IF REQUIRED FOR PLENUM AND DUCT PROTECTION IN ADDITION TO SURFACE PROTECTION.

ALL CONTRACTORS NOTES:

1. ALL FLOOR DRAINS AND FLOOR TROUGHS SHOWN MUST BE SET-IN-PLACE FLUSH WITH FINISHED FLOOR. PITCH TO FLOOR DRAINS AND FLOOR TROUGHS TO BE MINIMAL.
2. DO NOT PROVIDE FLOOR DRAINS IN FOOD SERVICE AREA OTHER THAN THOSE SHOWN ON THE FOOD SERVICE EQUIPMENT CONTRACT DRAWINGS.
3. ALL UTILITY SERVICES INCLUDING ANY REQUIRED DRAIN VENTS MUST BE BROUGHT TO EQUIPMENT CONNECTION LOCATIONS WITHIN ARCHITECTURAL ELEMENTS SUCH AS CHASED WALLS, ETC. EXPOSED MAIN SERVICE LINES AND VENTS WILL BE UNACCEPTABLE.

PLUMBING SUB-CONTRACTOR NOTES:

1. FURNISH AND INSTALL REMOTE MAIN SHUT-OFF VALVES FOR HOT AND COLD WATER SERVICES.
2. FURNISH AND INSTALL ALL SUPPLY PIPES, TRAPS, STRAINERS, VALVES, PRESSURE REGULATORS AND OTHER FITTINGS REQUIRED BY EQUIPMENT, OR SHIPPED LOOSE WITH EQUIPMENT.
3. PROVIDE 110° FAHRENHEIT (MINIMUM) HOT WATER SUPPLY TO DISHWASHER'S BOOSTER HEATER, ITEM NO. 82.
4. EXTEND ALL INDIRECT WASTES TO NEAREST FLOOR RECEPTACLE KEEPING EQUIPMENT INTERIORS AS CLEAR AS POSSIBLE.
5. ALL PIPING EXPOSED TO VIEW TO BE CHROME PLATED.

KITCHEN EQUIPMENT SUB-CONTRACTOR NOTES:

1. THE MANUFACTURER OF THE VENTILATOR, ITEM NO. 34, UTILITY DISTRIBUTION SYSTEM, ITEM NO. 35 AND REMOTE REFRIGERATION PACKAGE, ITEM NO. 12 SHALL PROVIDE A FACTORY ENGINEER ON SITE DURING THE INSTALLATION OF THESE ITEMS. A SALES REPRESENTATIVE WILL NOT BE ACCEPTABLE.
2. THE KITCHEN EQUIPMENT SUB-CONTRACTOR SHALL PROVIDE ALL FAUCETS CAPABLE OF SUBMERSION WITH BACK-FLOW PREVENTION AS SPECIFIED.

ITEM NO. 35 - UTILITY DISTRIBUTION SYSTEM

PLUMBING SUB-CONTRACTOR

1. CONNECT MAIN SOURCES OF HOT WATER & COLD WATER SERVICES AND FURNISH AND INSTALL REQUIRED SHUT-OFF VALVES FOR RESPECTIVE MANIFOLDS IN UTILITY DISTRIBUTION SYSTEM.
2. MAKE ALL PLUMBING CONNECTIONS AT FIELD JOINTS. CONNECT MAIN INCOMING PLUMBING SERVICES FOR RISER AS SHOWN ON PLANS.
3. CONNECT ALL WATER HOSES TO UTILITY DISTRIBUTION SYSTEM, SUPPLIED BY K.E.C..

ELECTRICAL SUB-CONTRACTOR

1. CONNECT MAIN POWER SOURCES TO THE IN UTILITY DISTRIBUTION SYSTEM.
2. CONNECT ELECTRICAL SERVICE CONDUIT TO TERMINAL BLOCK THROUGH VERTICAL CHASE TO MAIN CIRCUIT BREAKERS IN RISERS. CONNECT ALL NUMBERED WIRES TO TERMINALS ON ALL FIELD JOINTS. INTERCONNECT FIRE CONTROL SYSTEMS MICRO-SWITCH OR RELAY TO TERMINAL BLOCKS AS SHOWN ON DRAWINGS. CONNECT UNITS ASSEMBLIES TO FOOD SERVICE EQUIPMENT ITEMS JUNCTION BOX. CONNECT HOOD LIGHT SYSTEM FROM TERMINAL STRIP TO JUNCTION BOX OF VENTILATOR.
3. CONNECT ALL LINE CORD & PLUG SETS UTILITY DISTRIBUTION SYSTEM, SUPPLIED BY K.E.C..
4. ELECTRICAL SUB-CONTRACTOR TO INTERCONNECT AUTOMATIC FIRE/FUEL SHUT-OFF DEVICES FOR ALL EQUIPMENT LOCATED UNDER VENTILATOR. FIRE/FUEL SHUT-OFF DEVICE IS LOCATED IN THE UTILITY DISTRIBUTION SYSTEM'S RISER.
5. MAKE ALL ELECTRICAL CONNECTIONS AT FIELD JOINTS. CONNECT MAIN INCOMING ELECTRICAL SERVES AT RISER AS SHOWN ON PLANS.

KITCHEN EQUIPMENT SUB-CONTRACTOR

1. THE KITCHEN EQUIPMENT SUB-CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL ROUGHING REQUIREMENTS FOR THE U.D.S AND VENTILATOR. ALL ROUGHING REQUIREMENTS WILL BE SHOWN ON THE K.E.C.'S SHOP DRAWINGS..
2. INSTALL THE UTILITY DISTRIBUTION SYSTEM AND VENTILATOR IN ACCORDANCE WITH CONTRACT DOCUMENTS AND MANUFACTURER'S RECOMMENDATION. FACTORY ENGINEER WILL BE REQUIRED ON SITE DURING INSTALLATION.
3. FURNISH AND INSTALL EQUIPMENT CABLE RESTRAINING DEVICES AS REQUIRED BY APPLICABLE CODES.
4. FURNISH WATER HOSES, LINE CORDS & PLUG TO BE INSTALLED BY APPLICABLE TRADES.
5. IT SHALL BE THE RESPONSIBILITY OF THE K.E.C. TO NEATLY BIND TOGETHER ALL HOSES & CABLE OFF U.D.S. TO EQUIPMENT FOR BETTER CLEANING PURPOSES.

HVAC NOTE:

1. ALL INDIVIDUAL ROOM VENTILATION SHALL BE DETERMINED BY THE CONSULTING ENGINEERS.

MISCELLANEOUS NOTES:

1. CONVENIENCE ELECTRICAL OUTLETS, PHONE AND INTERCOM LINES, ETC. TO BE LOCATED BY A/E AND FURNISHED BY RESPECTIVE TRADES.
2. LOCATIONS OF ALL SERVICES SHOWN ON FOOD SERVICE EQUIPMENT CONTRACT DRAWINGS ARE APPROXIMATE ONLY; NO ALLOWANCES ARE MADE FOR TRAPS, VALVES, ETC.
3. ALL DIMENSIONS SHOWN ON FOOD SERVICE EQUIPMENT CONTRACT DRAWINGS ARE FROM FINISHED FLOORS, WALLS, ETC.
4. ALL PLUMBING, ELECTRICAL AND HVAC SERVICES ARE TO BE BROUGHT TO THE APPROXIMATE POINTS OF CONNECTIONS SHOWN WITHIN WALLS, CHASES AND OTHER ARCHITECTURAL ELEMENTS PROVIDED.
5. ALL ELECTRIC EQUIPMENT FURNISHED AT 3 PHASE MUST HAVE BALANCED LEGS WHERE APPLICABLE. KITCHEN EQUIPMENT SUB-CONTRACTOR TO VERIFY REQUIREMENTS WITH ELECTRICAL ENGINEERS.

CASH REGISTER / P.O.S. SYSTEM STATIONS ITEM NO. 75

1. ALL P.O.S. SYSTEMS AND PRINTERS ARE NOT IN THE KITCHEN EQUIPMENT CONTRACT. FURNISHED BY OWNER.
2. ELECTRICAL SUB-CONTRACTOR SHALL FURNISH A NETWORK DROP AT EACH P.O.S. STATION LOCATION. DATA TO BE SENT TO THE FOOD SERVICE OFFICE.
3. ELECTRIC SUB-CONTRACTOR SHALL FURNISH EMPTY CONDUIT AND PULL-BOXES AS REQUIRED TO RUN DATA LINES. ELECTRICAL SUB-CONTRACTOR TO CONFIRM CONNECTION TYPES WITH OWNER.

A1 MAIN KITCHEN FOOD SERVICE SCHDULE OF EQUIPMENT, LEGEND & GENERAL NOTES
SCALE: NONE

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

MAIN KITCHEN FOOD SERVICE SCHEDULOF EQUIPMENT LEVEL 1 PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

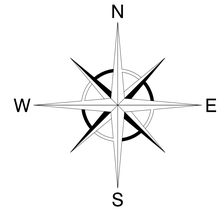
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JMS
REVISIONS:	

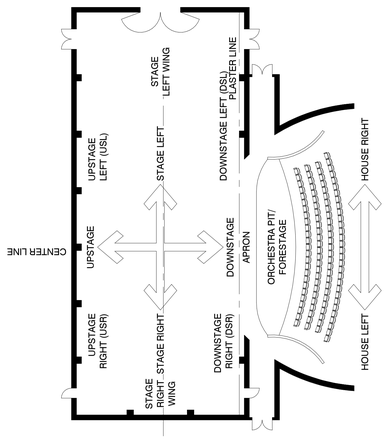
DD SET

FS1.02

@	AT, TIMES
#	NUMBER
µ	MICRO
Φ	PHASE
A	AMPERE
ADA	AMERICANS WITH DISABILITIES ACT
ADDL	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
AMP	AMPERE
ARCH	ARCHTECT(URAL)
AWG	AMERICAN WIRE GAUGE
BLDG	BUILDING
BOH	BACK OF HOUSE
BOS	BOTTOM OF STEEL
BSMT	BASEMENT
CKT	CIRCUIT
CL	CENTERLINE
CLG	CEILING
CM	CONSTRUCTION MANAGER
COL	COLUMN
CONT	CONTINUOUS, CONTINUE
DEMO	DEMOLISH, DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DMX	DMX 512 DIGITAL MULTIPLEX LIGHTING CONTROL PROTOCOL
DS	DOWNSTAGE
DSL	DOWNSTAGE LEFT
DSR	DOWNSTAGE RIGHT
DWG	DRAWING
E	EAST
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR
EMER	EMERGENCY
EQ	EQUAL(LY)
EQUIP	EQUIPMENT
ESTA	ENTERTAINMENT SERVICES AND TECHNOLOGY ASSOCIATION
ETCP	ENTERTAINMENT TECHNICIAN CERTIFICATION PROGRAM
ETR	EXISTING TO REMAIN
EXIST	EXISTING
EXP	EXPOSED
EXT	EXTERIOR
FA	FIRE ALARM
FFE	FURNITURE, FIXTURES, AND EQUIPMENT
FIN	FINISH(ED)
FOH	FRONT OF HOUSE
FT	FOOT, FEET
GALV	GALVANIZED
GC	GENERAL CONTRACT(OR)
GND	GROUND
H	HEIGHT
HDWR	HARDWARE
HGT	HEIGHT
HL	HOUSE LEFT
HOR	HORIZONTAL
HP	HORSE POWER
HR	HOUSE RIGHT
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
HZ	HERTZ
ID	INSIDE DIAMETER
IN	INCH, INCHES
INCL	INCLUDE, INCLUDED, INCLUDING
INT	INTERIOR
JB	JUNCTION BOX
KW	KILOWATT
L	LENGTH
LB	POUND
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
MAX	MAXIMUM
MCP	MOTOR CONTROL PANEL
MECH	MECHANICAL
MFR	MANUFACTURE(R)
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
N	NORTH
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NF	NON-FUSED
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
OVHD	OVERHEAD
OZ	OUNCE
PERF	PERFORMANCE
PL	PLASTER LINE
PLF	POUNDS PER LINEAL FOOT
PLYWD	PLYWOOD
PSF	POUNDS PER SQUARE FOOT
QTY	QUANTITY
R	RADIUS, RISER
RCP	REFLECTED CEILING PLAN
RDM	REMOTE DEVICE MANAGEMENT
REF	REFERENCE
REH	REHEARSAL
REQD	REQUIRED
REV	REVERSE(D), REVISE(D)
RFI	REQUEST FOR INFORMATION
RU	RACK UNIT: STANDARD UNIT OF MEASURE FOR HEIGHT OF RACK MOUNTED COMPONENTS (1RU=1-3/4 INCHES)
S	SOUTH
S/B	SHOULD BE
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FOOT, SQUARE FEET
SIM	SIMILAR
SL	STAGE LEFT
SLL	SOUND AND LIGHT LOCK (VESTIBULE)
SPEC	SPECIFICATION(S)
SR	STAGE RIGHT
STRUC	STRUCTURE, STRUCTURAL
T&G	TONGUE AND GROOVE
TEC	THEATER EQUIPMENT CONTRACTOR
TOS	TOP OF STEEL
TYP	TYPICAL
U	RACK UNIT: SEE RU
U/S	UNDERSIDE
UL	UNDERWRITER'S LABORATORY
UON	UNLESS OTHERWISE NOTED
US	UPSTAGE
USL	UPSTAGE LEFT
USR	UPSTAGE RIGHT
V	VOLTS, VOLTAGE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	WATT, WOMEN, WEST, WIDTH
W/	WITH
W/O	WITHOUT
WC	WHEELCHAIR, WATER CLOSET
WP	WORK POINT

3 ABBREVIATIONS





4 STAGE DIRECTIONS

1. THIS SHEET INCLUDES TYPICAL ABBREVIATIONS, REFERENCES, GRAPHICS, ETC. THAT MAY BE (BUT ARE NOT NECESSARILY) FOUND THROUGHOUT THE DRAWINGS.

2. SCHEDULES ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES AND PROVIDE ALL REQUIRED MATERIAL AND EQUIPMENT, WHETHER SCHEDULED OR NOT.

3. THE CONTRACTOR SHALL VERIFY LOCATIONS, MOUNTING HEIGHTS, AND MOUNTING CONDITIONS WITH THE ARCHITECT AND THEATER CONSULTANT PRIOR TO ROUGH IN.

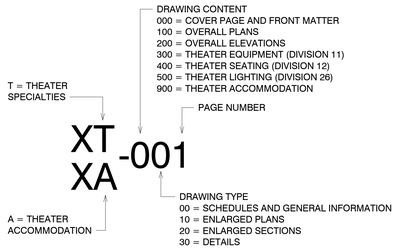
4. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL FEEDER CIRCUITS AND ALL UTILITY DISTRIBUTION CIRCUITS FOR THE WORK AND SHALL TERMINATE ALL LINE VOLTAGE CABLING. UNLESS OTHERWISE NOTED HEREIN, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, WIRE, ELECTRICAL BOXES, WIREWAYS, CABLE TRAYS, POWER DISTRIBUTION EQUIPMENT, AND TRANSFORMERS REQUIRED FOR THE WORK.

5. UNLESS OTHERWISE NOTED HEREIN, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LOW VOLTAGE CABLE AS REQUIRED FOR THE WORK. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, ELECTRICAL BOXES, WIREWAYS, AND CABLE TRAYS, REQUIRED FOR THE LOW VOLTAGE CABLE. VERIFY ALL LOW VOLTAGE CABLE TYPES AND REQUIREMENTS WITH THE THEATER EQUIPMENT AND SEATING CONTRACTORS BEFORE INSTALLATION.

6. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

7. CODE AND ADA COMPLIANCE IS THE RESPONSIBILITY OF THE ARCHITECT AND THE ARCHITECTURAL DRAWINGS SHOULD BE CONSULTED FOR ALL COMPLIANCE MATTERS.

2 GENERAL NOTES



THEATER SPECIALTIES (XT) DRAWINGS SHOW THEATER EQUIPMENT AND SEATING AND ARE DEVELOPED INTO CONTRACT DOCUMENTS BY NEXTSTAGE DESIGN.

THEATER ACCOMMODATION (XA) DRAWINGS SHOW FUNCTIONAL AND INFRASTRUCTURE REQUIREMENTS. THE INFORMATION SHOWN IS FOR ADOPTION AND INCORPORATION INTO THE CONTRACT DOCUMENTS PREPARED BY THE ARCHITECT AND ENGINEERS.

1 GUIDE TO DRAWINGS

DRAWING LIST

Sheet Number	Sub Discipline	Sheet Name
THEATER SPECIALTIES		
XA/XT001	THEATER SPECIALTIES	COVER SHEET
THEATER ACCOMMODATION		
XA101	THEATER ACCOMMODATION	SCHEDULES AND DETAILS
XA111	THEATER ACCOMMODATION	PLANS
THEATER EQUIPMENT		
XT301	THEATER EQUIPMENT	SCHEDULES
XT311	THEATER EQUIPMENT	FIRST FLOOR PLAN
XT312	THEATER EQUIPMENT	SECOND FLOOR PLAN
XT321	THEATER EQUIPMENT	CENTERLINE SECTION
THEATER SEATING		
XT401	THEATER SEATING	SCHEDULES
XT411	THEATER SEATING	PLAN
XT421	THEATER SEATING	CENTER LINE SECTION
THEATER LIGHTING		
XT501	THEATER LIGHTING	SCHEDULES
XT502	THEATER LIGHTING	SCHEDULES
XT503	THEATER LIGHTING	SCHEDULES
XT504	THEATER LIGHTING	SCHEDULES
XT511	THEATER LIGHTING	PLANS
XT531	THEATER LIGHTING	RISER DIAGRAM
XT532	THEATER LIGHTING	RISER DIAGRAM

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

COVER SHEET

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	CH
REVISIONS:	

DD SET

A/XT00

THEATER EQUIPMENT SERVICE SCHEDULE							
BOX NO	TYPE	EQUIPMENT SERVED	LEVEL	LOCATION	HP	SERVICE	CONNECT TO
900	MCP	ADJUSTABLE ACOUSTICS MOTOR CONTROL PANEL	LEVEL 2	STAGE CATWALK	N/A	TBD	BUILDING PANELBOARD
901	DS	CURTAIN MACHINE N1	LEVEL 2	NORTH LEDGE	1/2	N/A	MCP
902	DS	CURTAIN MACHINE N2	LEVEL 2	NORTH LEDGE	1/2	N/A	MCP
903	DS	CURTAIN MACHINE N3	LEVEL 2	NORTH LEDGE	1/2	N/A	MCP
904	DS	CURTAIN MACHINE N4	LEVEL 2	NORTH LEDGE	1/2	N/A	MCP
905	DS	CURTAIN MACHINE S1	LEVEL 2	SOUTH LEDGE	1/2	N/A	MCP
906	DS	CURTAIN MACHINE S2	LEVEL 2	SOUTH LEDGE	1/2	N/A	MCP
907	DS	CURTAIN MACHINE S3	LEVEL 2	SOUTH LEDGE	1/2	N/A	MCP
908	DS	CURTAIN MACHINE S4	LEVEL 2	SOUTH LEDGE	1/2	N/A	MCP
909	DS	MAIN CURTAIN MACHINE	LEVEL 2	STAGE CATWALK	TBD	TBD	BUILDING PANELBOARD
910	DS	BACKDROP HOIST	LEVEL 2	STAGE CATWALK	TBD	TBD	BUILDING PANELBOARD

ARCHITECTURAL LIGHTING FIXTURE SCHEDULE											
TYPE	IMAGE	LOCATION	DESCRIPTION	SOURCE	POWER SUPPLY/DRIVER	INPUT WATTS	INPUT WATT UNITS	LISTING	MANUFACTURER	ALT	NOTES
X11		CONTROL BOOTH, CORRIDORS	Wall recessed blue LED light with remote DMX driver, injection molded housing, frosted lens, black painted finish, eyelid accessory, and custom wall plate	LED Blue light 2.3 Lumens	Remote DIM (0.1% dimming) DMX	3.0 W	Each	ETL	ETC Blue Dome #BS-D-F-BLACK FINISH (fixture) + BSEL (eyelid) + Electrical Box Adapter Plate + Mounting Accessories and Power Supplies as required.	LUMENesce "CoolPuck" Tempo Theatre "RSL" with DMX driver	1. Fixture shall dim via DMX to 0.1%.
X11P		CATWALK	Pipe-mounted blue LED light with remote DMX driver, injection molded housing, frosted lens, black painted finish, eyelid accessory, and custom wallplate with toggle switch cutout	LED Blue light 2.3 Lumens	Remote DIM (0.1% dimming) DMX	3.0 W	Each	ETL	ETC Blue Dome #BS-D-F-BLACK FINISH (fixture) + BSEL (eyelid) + Electrical Box Adapter Plate + Mounting Accessories and Power Supplies as required.	LUMENesce "CoolPuck"	
X11S		DRESSING ROOMS, TECH BALCONIES	Wall recessed blue LED light with remote DMX driver, injection molded housing, frosted lens, black painted finish, eyelid accessory, and custom wallplate with toggle switch cutout	LED Blue light 2.3 Lumens	Remote DIM (0.1% dimming) DMX	3.0 W	Each	ETL	ETC Blue Dome #BS-D-F-BLACK FINISH (fixture) + BSEL (eyelid) + Electrical Box Adapter Plate + Mounting Accessories and Power Supplies as required.	LUMENesce "CoolPuck" Tempo Theatre "RSL" with DMX driver	1. Fixture shall dim via DMX to 0.1%.
X32		CATWALKS	Surface mounted LED direct linear rough usage fixture with 18-guage steel housing, polycarbonate lens, and black painted finish. Dimensions: 2.8" width x 2.72" height x 4' height	LED 3500K 80+ CRI 3350 Lumens	Integral DIM (1% dimming) 0-10V	33.5 W	Each	UL	Failsafe HVSL2-4-LD4-STD-35-UNV-O-ED1D1-BK	Luminaire LED VPF4-4FT-MIN1-40W-35K-MVOLT-OP-BLKSECOND	1. Fixture shall dim via 0-10V to 1%.
X61		CONTROL BOOTH	Surface mounted linear track with extruded alumium housing, black paint finish, and alumium mounting clips Dimensions: 1-13/16" width x 1-7/16" height	n/a	n/a	n/a	n/a	UL	LSI Surface Power Track #TRK-SP-LENGTH-1-VOLTSS-FINISH (Track) + END FEED + CURRENT LIMETER + MOUNTING ACCESSORIES AS REQUIRED	TBD	1. Refer to architectural elevation for track mounting height AFF. 2. Track shall be provided with current limiters. 3. Architect shall verify track finish. 4. Track and luminaires shall be compatible. Contractor to provide all necessary lengths, feeds, connectors, supports, and other components for complete and code compliant installation. 5. Track shall be equipped with Wattage-limiting circuit breaker equipment for each run of track. Allow for twice the drawings/maximum Wattage as allowed by code. Manufacturer shall submit a layout drawing for run lengths as shown on architectural drawings during shop drawing review for design team review prior to fabrication.
X62		CONTROL BOOTH	Track mounted round LED track head with alumium housing, field interchangable optics, hexcell louver accessory, and 24° beam spread. Dimensions: Fixture: 2-11/16" Dia. X 5-1/16" height	LED 3500K 80+ CRI L70 @ 50,000 Hours 830 Lumens	Integral DIM (1% dimming) ELV	11W	Each	UL	LSI LumeLEX Series #LX2030-TS9-08-83-35-P2-0E-ED-120-B (Track Head) + #AAA995 (Spread Lens) + #LX2030 (Cross Baffle)	TBD	1. Fixture shall dim. 2. Architect shall verify fixture finish. 3. Track and luminaires shall be compatible. Contractor to provide all necessary lengths, feeds, connectors, supports, and other components for complete and code compliant installation. 4. Fixture requires aiming to be determined in the field. Provide all accessories as noted, final accessories shall be determined in the field. Any unused accessories shall be provided to the Owner for extra stock.
X71		STAGE	Recessed LED linear indicator marker light, black finish Dimensions: 0.75" width x 0.5" depth	LED Red LED at centerline Green LED at steps Blue LEDs elsewhere; see diagram	Remote DIM (0.1% dimming) DMX	0.2W	LFT		Future Light Edgelyte	Lumenesce "Fourth Wall" Tivoli Lighting "Stage Edge"	1. Provide directino LED markers at front edge of stage floor and top surface of orchestra pit railing. 2. See theater and architectural drawings for configuration, mounting conditions, and other information. 3. Fixture shall dim via DMX to 0.1%.
X81		CONTROL BOOTH, DRESSING ROOMS	Recessed LED troffer with luminous center, steel housing, matte white powder coat finish. Dimensions: 12" width x 4.5" depth x 4' length	LED 3500K 80+ CRI L80 @ 60,000 hours 2068 Lumens	Integral DIM (0.1% dimming) DMX	19W	Each	CSA	Mark Architectural Lighting WHSPR-LCTR-1X4-80CRI-35K-2000LM-DARK-VOLTAGE-SWC-DMX	TBD	1. Fixture shall dim via DMX to 0.1%.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

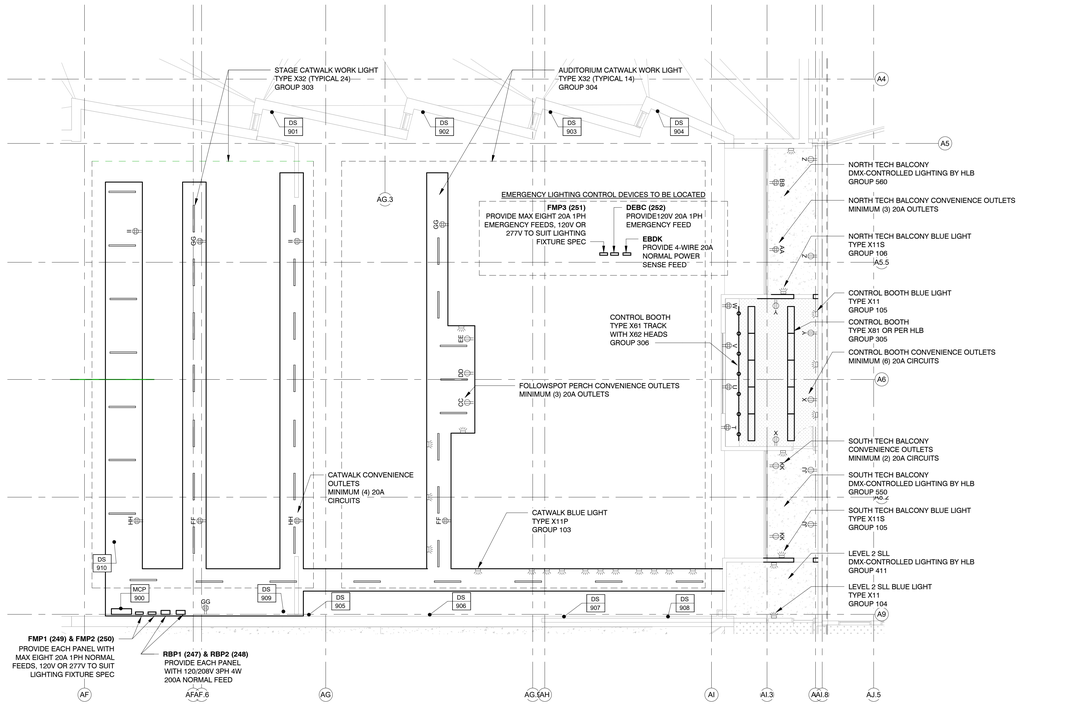
SCHEDULES AND DETAILS

EAST LONGMEADOW HS
Owner
Enter address here

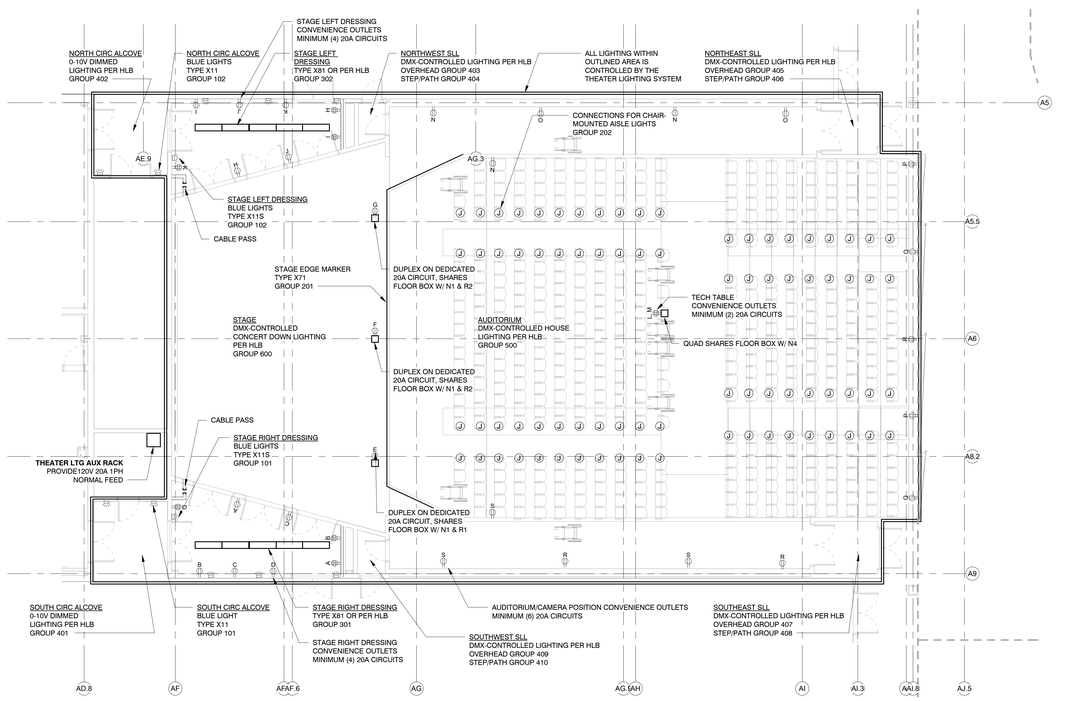
PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	
DRAWN BY:	GL
REVISIONS:	

DD SET

XA101



2 LEVEL 2 ACCOMMODATION PLAN
1/8" = 1'-0"



1 LEVEL 1 ACCOMMODATION PLAN
1/8" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANT
S:

PLANS

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	GL
REVISIONS:	

DD SET

XA111

DRAPERY SCHEDULE (SECTIONS 11 61 11 AND 11 61 43)													
ITEM #	CSI SECTION	DESCRIPTION	HEIGHT	WIDTH	QTY	FABRIC	LINING	FULLNESS	COLOR	TOP FINISH	BOTTOM FINISH	SIDE FINISH	ND_Drapery_Notes
1	11 61 43	MAIN DRAPE	27' - 0"	35' - 0"	2	25 OZ IFR VELOUR	IFR AVORA	100% SEWN IN	BY ARCHITECT	BLACK WEBBING, GROMMETS, AND SNAP HOOKS	6" HEM WITH SEWN-IN CHAIN	1/2 PANEL WIDTH TURN BACK ON EACH SIDE	RIGGED TO BI-POART ON (2) LENGTHS OF H&H 418PB CWANA TRAVELER TRACK WITH 2'-0" OVERLAP AT CENTER
2	11 61 43	CYCLORAMA	25' - 0"	46' - 0"	1	BLEACHED MUSLIN	NONE	FLAT	WHITE	BLACK WEBBING, GROMMETS, AND TIES	6' HEM WITH LINED PIPE POCKET	2" DOUBLE TURNED HEM WITH GROMMETS ON WEBBING	MOUNTED ON ETC PRODIGY P1 HOIST
3	11 61 11	ACOUSTIC DRAPE N1	12' - 0"	20' - 6"	1	22 OZ IFR VELOUR	NONE	FLAT	BY ARCHITECT	BLACK WEBBING, GROMMETS, AND SNAP HOOKS	6" HEM WITH SEWN-IN CHAIN	6" HEM	HUNG ON H&H 401B TRACK
4	11 61 11	ACOUSTIC DRAPE N2	12' - 0"	17' - 6"	1	22 OZ IFR VELOUR	NONE	FLAT	BY ARCHITECT	BLACK WEBBING, GROMMETS, AND SNAP HOOKS	6" HEM WITH SEWN-IN CHAIN	6" HEM	HUNG ON H&H 401B TRACK
5	11 61 11	ACOUSTIC DRAPE N3	12' - 0"	14' - 6"	1	22 OZ IFR VELOUR	NONE	FLAT	BY ARCHITECT	BLACK WEBBING, GROMMETS, AND SNAP HOOKS	6" HEM WITH SEWN-IN CHAIN	6" HEM	HUNG ON H&H 401B TRACK
6	11 61 11	ACOUSTIC DRAPE N4	12' - 0"	11' - 6"	1	22 OZ IFR VELOUR	NONE	FLAT	BY ARCHITECT	BLACK WEBBING, GROMMETS, AND SNAP HOOKS	6" HEM WITH SEWN-IN CHAIN	6" HEM	HUNG ON H&H 401B TRACK
7	11 61 11	ACOUSTIC DRAPE S1	12' - 0"	21' - 0"	1	22 OZ IFR VELOUR	NONE	FLAT	BY ARCHITECT	BLACK WEBBING, GROMMETS, AND SNAP HOOKS	6" HEM WITH SEWN-IN CHAIN	6" HEM	HUNG ON H&H 401B TRACK
8	11 61 11	ACOUSTIC DRAPE S2	12' - 0"	18' - 6"	1	22 OZ IFR VELOUR	NONE	FLAT	BY ARCHITECT	BLACK WEBBING, GROMMETS, AND SNAP HOOKS	6" HEM WITH SEWN-IN CHAIN	6" HEM	HUNG ON H&H 401B TRACK
9	11 61 11	ACOUSTIC DRAPE S3	12' - 0"	15' - 6"	1	22 OZ IFR VELOUR	NONE	FLAT	BY ARCHITECT	BLACK WEBBING, GROMMETS, AND SNAP HOOKS	6" HEM WITH SEWN-IN CHAIN	6" HEM	HUNG ON H&H 401B TRACK
10	11 61 11	ACOUSTIC DRAPE S4	12' - 0"	10' - 0"	1	22 OZ IFR VELOUR	NONE	FLAT	BY ARCHITECT	BLACK WEBBING, GROMMETS, AND SNAP HOOKS	6" HEM WITH SEWN-IN CHAIN	6" HEM	HUNG ON H&H 401B TRACK

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

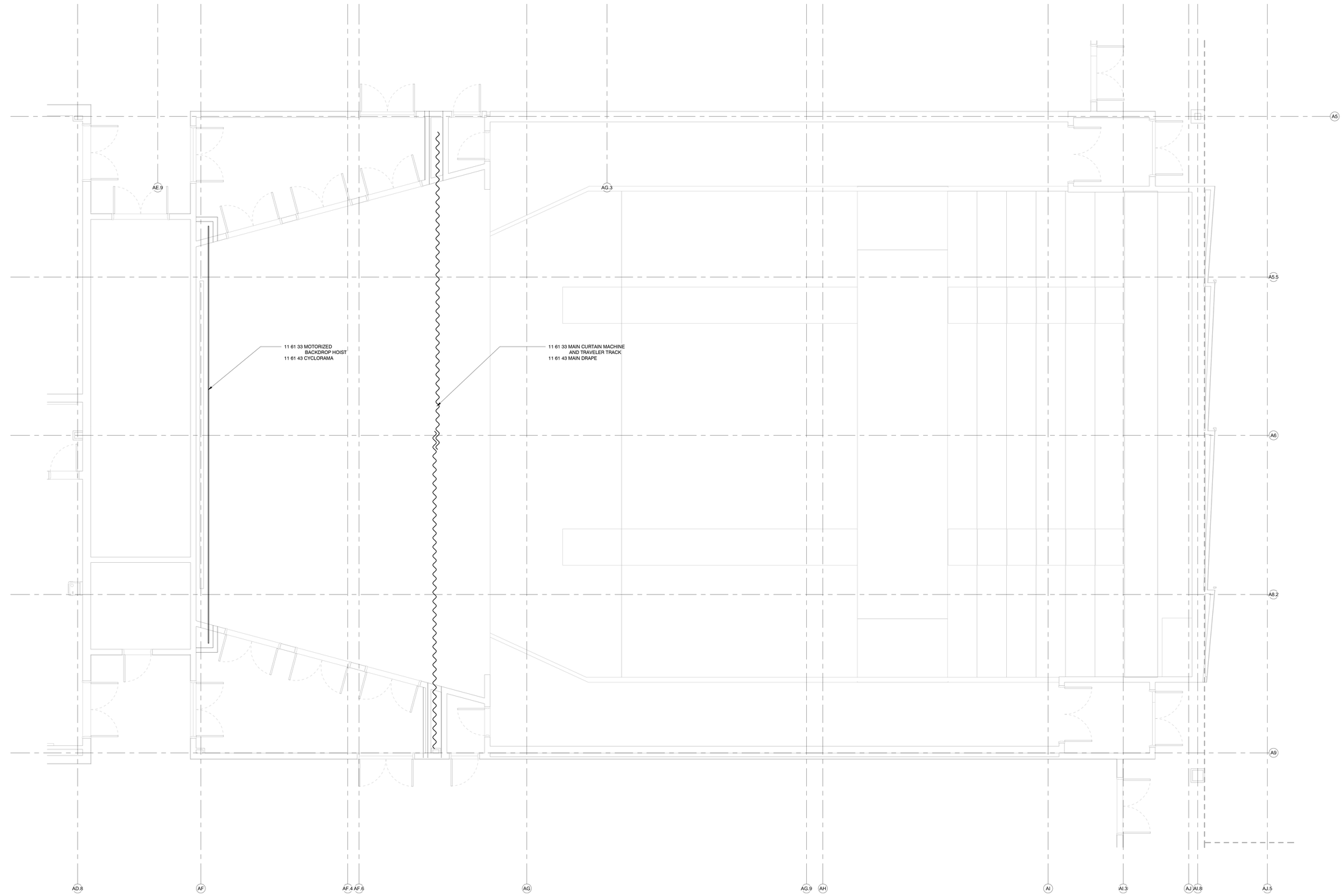
SCHEDULES

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER: 22020
DATE: 03/29/24
SCALE:
DRAWN BY: Author
REVISIONS:

DD SET

XT301



1 LEVEL 1 PLAN - THEATER EQUIPMENT
1/4" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

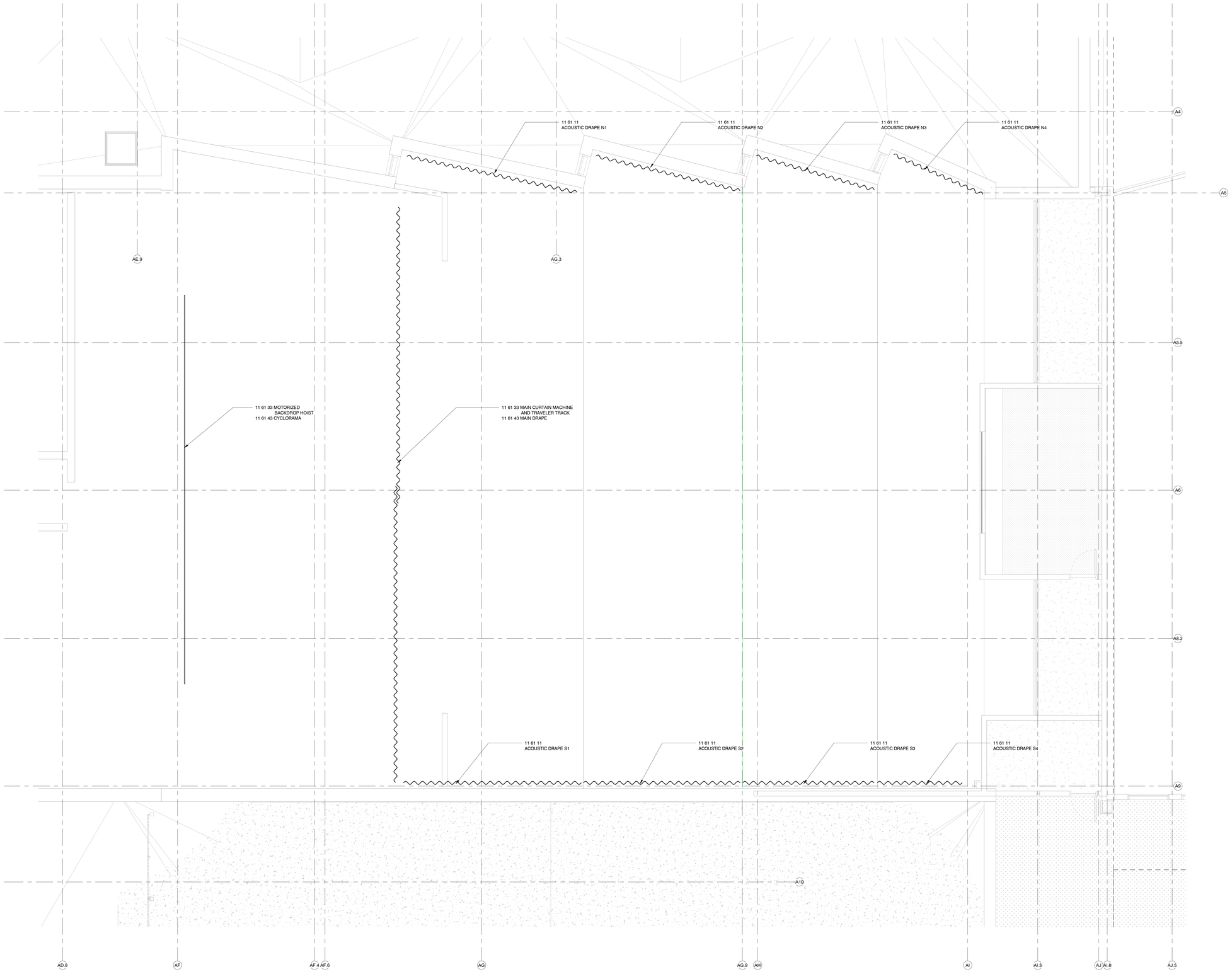
FIRST FLOOR PLAN

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

XT311



1 LEVEL 2 PLAN - THEATER EQUIPMENT
1/4" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

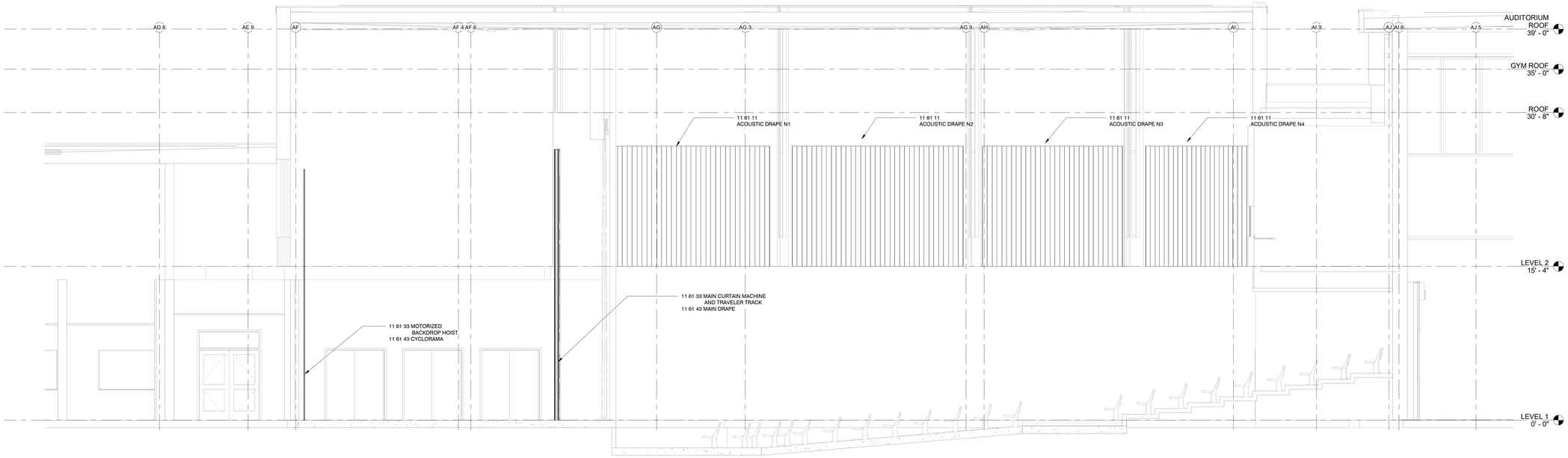
SECOND FLOOR PLAN

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

XT312



1 CENTERLINE SECTION - THEATER EQUIPMENT
1/4" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

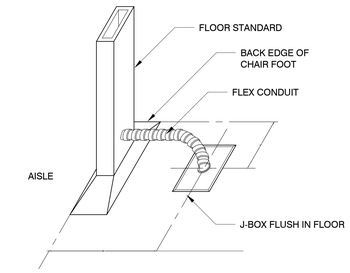
CENTERLINE SECTION

EAST LONGMEADOW HS
Owner
Enter address here

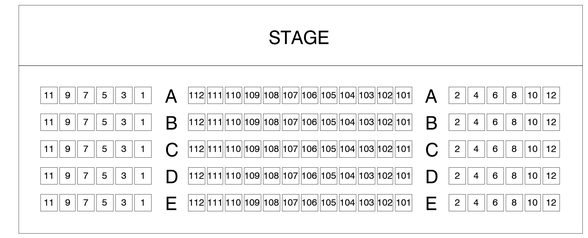
PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

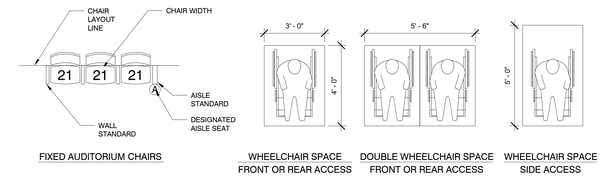
XT321



4 AISLE LIGHT CONNECTION
NO SCALE

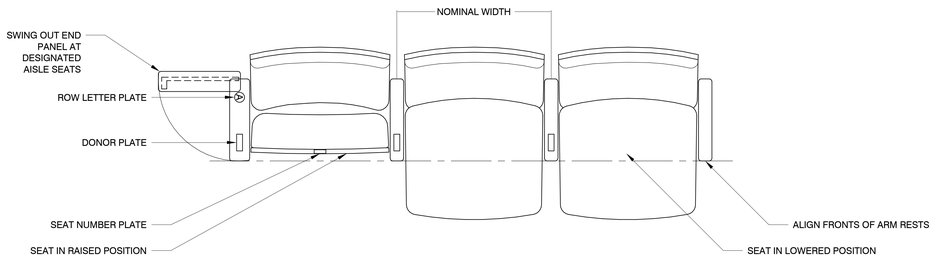


3 SEAT NUMBERING SCHEME
NO SCALE

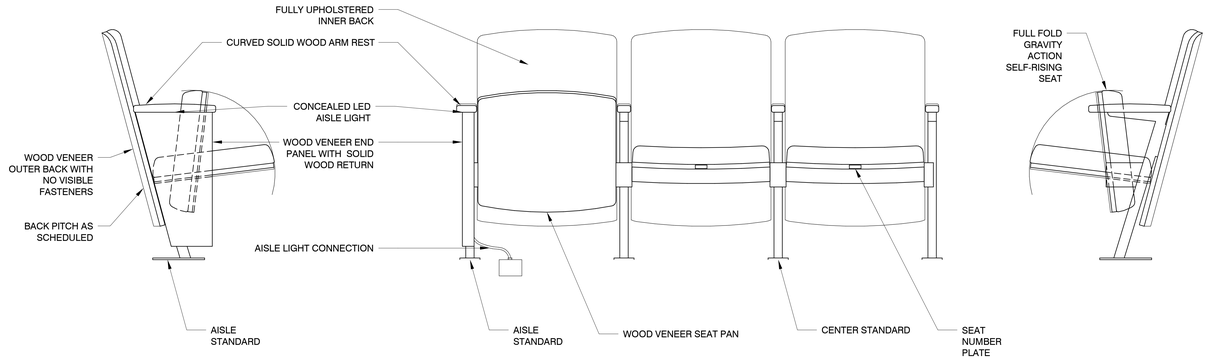


FIXED AUDITORIUM CHAIRS | WHEELCHAIR SPACE FRONT OR REAR ACCESS | DOUBLE WHEELCHAIR SPACE FRONT OR REAR ACCESS | WHEELCHAIR SPACE SIDE ACCESS

2 SEATING SYMBOL KEY
3/8" = 1'-0"



PLAN



AISLE ELEVATION | FRONT ELEVATION | CENTER STANDARD ELEVATION

1 FIXED SEATING
1 1/2" = 1'-0"

SEATING SCHEDULE

Row	Back Angle	Mounting	20	21	22	23	24	WC	Seat Count
LEFT BOX									
	<varies>	<varies>	0	0	0	0	0	1	8
ORCHESTRA CENTER									
A	16.00°	FLOOR	2	9	0	4	0	0	15
B	16.00°	FLOOR	2	9	0	4	0	0	15
C	16.00°	FLOOR	2	9	0	4	0	0	15
D	16.00°	FLOOR	2	9	0	4	0	0	15
E	16.00°	FLOOR	2	9	0	4	0	0	15
F	16.00°	FLOOR	2	9	0	4	0	0	15
G	16.00°	FLOOR	2	9	0	4	0	0	15
H	16.00°	FLOOR	2	9	0	4	0	0	15
J	16.00°	FLOOR	2	9	0	4	0	0	15
K	16.00°	FLOOR	2	9	0	4	0	0	15
L	<varies>	FLOOR	0	0	0	6	0	4	10
ORCHESTRA LEFT									
A	<varies>	FLOOR	0	0	2	0	0	1	3
B	16.00°	FLOOR	0	0	5	0	0	0	5
C	16.00°	FLOOR	0	0	5	0	0	0	5
D	16.00°	FLOOR	0	0	5	0	0	0	5
E	16.00°	FLOOR	0	0	5	0	0	0	5
F	16.00°	FLOOR	0	0	5	0	0	0	5
G	16.00°	FLOOR	0	0	5	0	0	0	5
H	16.00°	FLOOR	0	0	5	0	0	0	5
J	16.00°	FLOOR	0	0	5	0	0	0	5
K	16.00°	FLOOR	0	0	5	0	0	0	5
L	16.00°	FLOOR	0	0	5	0	0	0	5
ORCHESTRA RIGHT									
A	<varies>	FLOOR	0	0	2	0	0	1	3
B	16.00°	FLOOR	0	0	5	0	0	0	5
C	16.00°	FLOOR	0	0	5	0	0	0	5
D	16.00°	FLOOR	0	0	5	0	0	0	5
E	16.00°	FLOOR	0	0	5	0	0	0	5
F	16.00°	FLOOR	0	0	5	0	0	0	5
G	16.00°	FLOOR	0	0	5	0	0	0	5
H	16.00°	FLOOR	0	0	5	0	0	0	5
J	16.00°	FLOOR	0	0	5	0	0	0	5
K	16.00°	FLOOR	0	0	5	0	0	0	5
L	16.00°	FLOOR	0	0	5	0	0	0	5
PARTERRE CENTER									
M	16.00°	FLOOR	0	4	1	2	3	0	10
N	16.00°	FLOOR	0	4	1	2	3	0	10
O	16.00°	FLOOR	0	4	1	2	3	0	10
P	16.00°	FLOOR	0	4	1	2	3	0	10
Q	16.00°	FLOOR	0	4	1	2	3	0	10
R	16.00°	FLOOR	0	4	1	2	3	0	10
S	16.00°	FLOOR	0	4	1	2	3	0	10
T	16.00°	FLOOR	0	4	1	2	3	0	10
U	16.00°	FLOOR	0	4	1	2	3	0	10
PARTERRE LEFT									
M	16.00°	FLOOR	0	0	7	0	0	0	7
N	16.00°	FLOOR	0	0	7	0	0	0	7
O	16.00°	FLOOR	0	0	7	0	0	0	7
P	16.00°	FLOOR	0	0	7	0	0	0	7
Q	16.00°	FLOOR	0	1	6	0	0	0	7
R	16.00°	FLOOR	0	1	6	0	0	0	7
S	16.00°	FLOOR	0	1	6	0	0	0	7
T	16.00°	FLOOR	0	1	6	0	0	0	7
U	16.00°	FLOOR	0	1	6	0	0	0	7
PARTERRE RIGHT									
M	16.00°	FLOOR	0	0	7	0	0	0	7
N	16.00°	FLOOR	0	0	7	0	0	0	7
O	16.00°	FLOOR	0	0	7	0	0	0	7
P	16.00°	FLOOR	0	0	7	0	0	0	7
Q	16.00°	FLOOR	0	1	6	0	0	0	7
R	16.00°	FLOOR	0	1	6	0	0	0	7
S	16.00°	FLOOR	0	1	6	0	0	0	7
T	16.00°	FLOOR	0	1	6	0	0	0	7
U	16.00°	FLOOR	0	1	6	0	0	0	7
RIGHT BOX									
	<varies>	<varies>	0	0	0	0	0	1	8
Grand total: 498		9	20	136	229	64	27	8	498

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

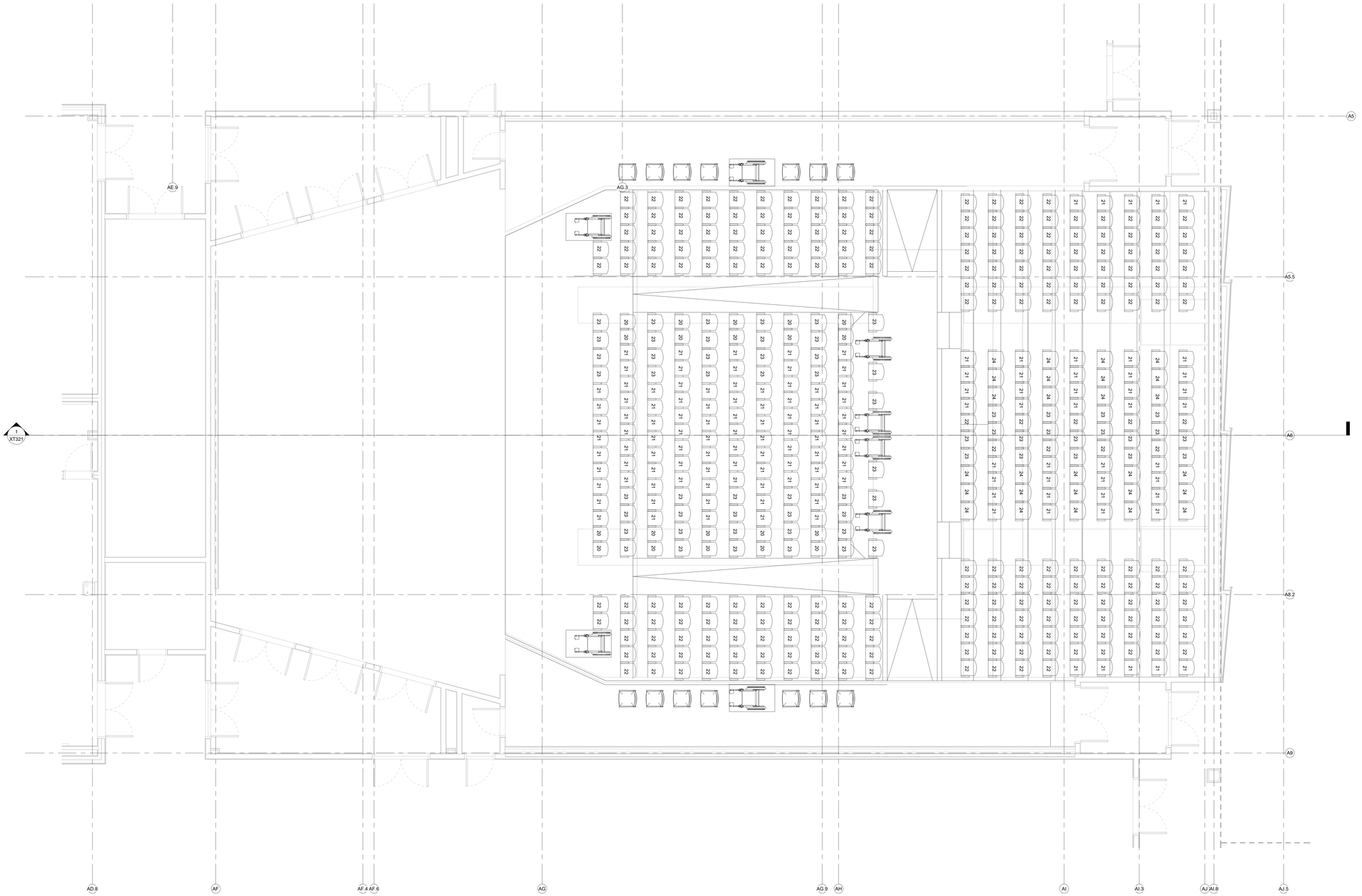
SCHEDULES

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER: 22020
DATE: 03/29/24
SCALE: As indicated
DRAWN BY: CH
REVISIONS:

DD SET

XT401



1 SEATING PLAN
1/4" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANT
S:

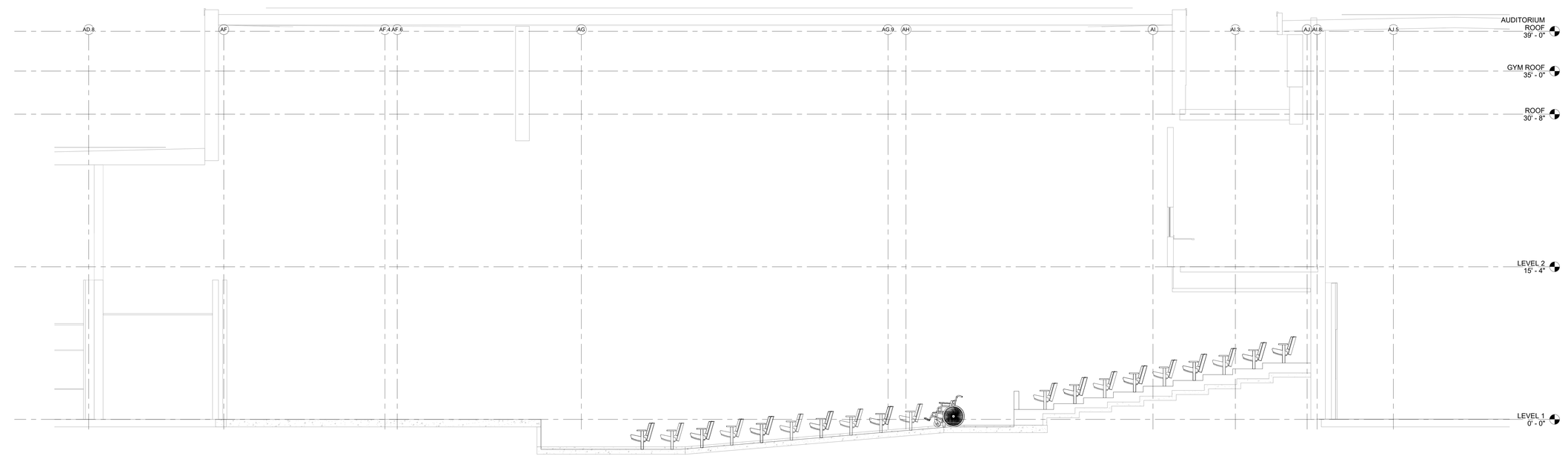
PLAN

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	CH
REVISIONS:	

DD SET

XT411



1 SEATING SECTION
1/4" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CENTER LINE SECTION

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	CH
REVISIONS:	

DD SET

XT421

THEATER LIGHTING RELAY SCHEDULE

BOX NO	TYPE	LEVEL	ROOM NO	LOCATION	MOUNTING	MOUNTING HEIGHT	COLOR	CKT QTY	CKT START	CKT END	BREAKER TYPE	WIRING TOPOLOGY	PANEL	BREAKER NO	sACN Univ	ADDRESS
101	R1	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED		BLACK	1	1	1	IQ SM B20	HOMERUN	RBP-1			
102	R1	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED		BLACK	1	2	2	IQ SM B20	HOMERUN	RBP-1			
103	R1	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED		BLACK	1	3	3	IQ SM B20	HOMERUN	RBP-1			
104	R4	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED		BLACK	4	4	7	IQ SM B20	HOMERUN	RBP-1			
105	R1	LEVEL 1	A100A	DOWNSTAGE RIGHT	FLOOR BOX		BLACK	1	8	8	IQ SM B20	HOMERUN	RBP-1			
106	R2	LEVEL 1	A100A	DOWNSTAGE CENTER	FLOOR BOX		BLACK	2	9	10	IQ SM B20	HOMERUN	RBP-1			
107	R1	LEVEL 1	A100A	DOWNSTAGE LEFT	FLOOR BOX		BLACK	1	11	11	IQ SM B20	HOMERUN	RBP-1			
108	R1	LEVEL 1	A100B	STAGE LEFT DRESSING	RECESSED		BLACK	1	12	12	IQ SM B20	HOMERUN	RBP-1			
109	R1	LEVEL 1	A100B	STAGE LEFT DRESSING	RECESSED		BLACK	1	13	13	IQ SM B20	HOMERUN	RBP-1			
110	R1	LEVEL 1	A100B	STAGE LEFT DRESSING	RECESSED		BLACK	1	14	14	IQ SM B20	HOMERUN	RBP-1			
111	R4	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED		BLACK	4	15	18	IQ SM B20	HOMERUN	RBP-1			
112	R1	LEVEL 2	A100	STAGE RIGHT PIPE LOW	RECESSED		CUSTOM	1	19	19	IQ SM B20	HOMERUN	RBP-1			
113	R1	LEVEL 2	A100	STAGE LEFT PIPE LOW	RECESSED		CUSTOM	1	20	20	IQ SM B20	HOMERUN	RBP-1			
114	R1	LEVEL 2	A100	STAGE RIGHT PIPE MID	RECESSED		CUSTOM	1	21	21	IQ SM B20	HOMERUN	RBP-1			
115	R1	LEVEL 2	A100	STAGE LEFT PIPE MID	RECESSED		CUSTOM	1	22	22	IQ SM B20	HOMERUN	RBP-1			
116	R1	LEVEL 2	A100	STAGE RIGHT PIPE HIGH	RECESSED		CUSTOM	1	23	23	IQ SM B20	HOMERUN	RBP-1			
117	R1	LEVEL 2	A100	STAGE LEFT PIPE HIGH	RECESSED		CUSTOM	1	23	23	IQ SM B20	HOMERUN	RBP-1			
118	R2	LEVEL 2	N/A	3 CATWALK UPSTAGE	PIPE		BLACK	2	25	26	IQ SM B20	HOMERUN	RBP-1			
119	R2	LEVEL 2	N/A	3 CATWALK UPSTAGE	PIPE		BLACK	2	27	28	IQ SM B20	HOMERUN	RBP-1			
120	R2	LEVEL 2	N/A	3 CATWALK UPSTAGE	PIPE		BLACK	2	29	30	IQ SM B20	HOMERUN	RBP-1			
121	R2	LEVEL 2	N/A	3 CATWALK UPSTAGE	PIPE		BLACK	2	31	32	IQ SM B20	HOMERUN	RBP-1			
122	R2	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	2	33	34	IQ SM B20	HOMERUN	RBP-1			
123	R2	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	2	35	36	IQ SM B20	HOMERUN	RBP-1			
124	R2	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	2	37	38	IQ SM B20	HOMERUN	RBP-1			
125	R2	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	2	39	40	IQ SM B20	HOMERUN	RBP-1			
126	R2	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	2	41	42	IQ SM B20	HOMERUN	RBP-1			
127	R2	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	2	43	44	IQ SM B20	HOMERUN	RBP-1			
128	R2	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	2	45	46	IQ SM B20	HOMERUN	RBP-1			
129	R2	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	2	47	48	IQ SM B20	HOMERUN	RBP-1			
130	R2	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	2	49	50	IQ SM B20	HOMERUN	RBP-2			
131	R2	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	2	51	52	IQ SM B20	HOMERUN	RBP-2			
132	R2	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	2	53	54	IQ SM B20	HOMERUN	RBP-2			
133	R2	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	2	55	56	IQ SM B20	HOMERUN	RBP-2			
134	R2	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	2	57	58	IQ SM B20	HOMERUN	RBP-2			
135	R2	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	2	59	60	IQ SM B20	HOMERUN	RBP-2			
136	R2	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	2	61	62	IQ SM B20	HOMERUN	RBP-2			
137	R2	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	2	63	64	IQ SM B20	HOMERUN	RBP-2			
138	R2	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	2	65	66	IQ SM B20	HOMERUN	RBP-2			
139	R2	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	2	67	68	IQ SM B20	HOMERUN	RBP-2			
140	R2	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	2	69	70	IQ SM B20	HOMERUN	RBP-2			
141	R2	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	2	71	72	IQ SM B20	HOMERUN	RBP-2			
142	R2	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	2	73	74	IQ SM B20	HOMERUN	RBP-2			
143	R1	LEVEL 2	N/A	SOUTH TECH BALCONY	RECESSED		BLACK	1	75	75	IQ SM B20	HOMERUN	RBP-2			
144	R1	LEVEL 2	N/A	NORTH TECH BALCONY	RECESSED		BLACK	1	76	76	IQ SM B20	HOMERUN	RBP-2			

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

SCHEDULES

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER: 22020
DATE: 03/29/24
SCALE:
DRAWN BY: GL
REVISIONS:

DD SET

XT501

THEATER LIGHTING CONTROL SCHEDULE

BOX NO	TYPE	LEVEL	ROOM NO	LOCATION	MOUNTING	MOUNTING HEIGHT	COLOR	PORT QTY	SIGNAL TYPE	WIRING TOPOLOGY	CONNECT TO
200	AUX	LEVEL 1	A112	IT ROOM	RACK			0			
201	N1	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
202	N1	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
203	N1	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
204	N1	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
205	N1	LEVEL 1	A100A	DOWNSTAGE RIGHT	FLOOR BOX		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
206	N1	LEVEL 1	A100A	DOWNSTAGE CENTER	FLOOR BOX		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
207	N1	LEVEL 1	A100A	DOWNSTAGE LEFT	FLOOR BOX		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
208	N1	LEVEL 1	A100B	STAGE LEFT DRESSING	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
209	N1	LEVEL 1	A100B	STAGE LEFT DRESSING	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
210	N1	LEVEL 1	A100B	STAGE LEFT DRESSING	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
211	N1	LEVEL 1	A100B	STAGE LEFT DRESSING	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
212	N1	LEVEL 2	A100	STAGE RIGHT PIPE LOW	RECESSED		CUSTOM	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
213	N1	LEVEL 2	A100	STAGE LEFT PIPE LOW	RECESSED		CUSTOM	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
214	N1	LEVEL 2	A100	STAGE RIGHT PIPE MID	RECESSED		CUSTOM	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
215	N1	LEVEL 2	A100	STAGE LEFT PIPE MID	RECESSED		CUSTOM	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
216	N1	LEVEL 2	A100	STAGE RIGHT PIPE HIGH	RECESSED		CUSTOM	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
217	N1	LEVEL 2	A100	STAGE LEFT PIPE HIGH	RECESSED		CUSTOM	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
218	N4	LEVEL 1	A100	CROSSAISLE	FLOOR BOX		BLACK	4	CAT 5E OR BETTER	HOMERUN	AUX RACK
219	N1	LEVEL 2	N/A	3 CATWALK UPSTAGE	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
220	N1	LEVEL 2	N/A	3 CATWALK UPSTAGE	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
221	N1	LEVEL 2	N/A	3 CATWALK UPSTAGE	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
222	N1	LEVEL 2	N/A	3 CATWALK UPSTAGE	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
223	N1	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
224	N1	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
225	N1	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
226	N1	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
227	N1	LEVEL 2	N/A	3 CATWALK DOWNSTAGE	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
228	N1	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
229	N1	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
230	N1	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
231	N1	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
232	N1	LEVEL 2	N/A	2 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
233	N1	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
234	N1	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
235	N1	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
236	N1	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
237	N1	LEVEL 2	N/A	1 CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
238	N1	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
239	N1	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
240	N1	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
241	N1	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
242	N1	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
243	N2	LEVEL 2	N/A	FOH CATWALK	PIPE		BLACK	2	CAT 5E OR BETTER	HOMERUN	AUX RACK
244	N1	LEVEL 2	N/A	SOUTH TECH BALCONY	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
245	N4	LEVEL 2	A200	CONTROL BOOTH	RECESSED		BLACK	4	CAT 5E OR BETTER	HOMERUN	AUX RACK
246	N1	LEVEL 2	N/A	NORTH TECH BALCONY	RECESSED		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
247	RBP1	LEVEL 2	N/A	STAGE CATWALK	SURFACE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
248	RBP2	LEVEL 2	N/A	STAGE CATWALK	SURFACE		BLACK	1	CAT 5E OR BETTER	HOMERUN	AUX RACK
249	FMP1	LEVEL 2	N/A	STAGE CATWALK	SURFACE		BLACK	0	DMX	DAISY CHAIN	AUX RACK
250	FMP2	LEVEL 2	N/A	STAGE CATWALK	SURFACE		BLACK	0	DMX	DAISY CHAIN	AUX RACK
251	FMP3	LEVEL 2	N/A	TBD	SURFACE		BLACK	0	EMERG DMX	HOMERUN	DEBC
252	DEBC	LEVEL 2	N/A	TBD	SURFACE		BLACK	0	DMX	DAISY CHAIN	AUX RACK

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

SCHEDULES

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER: 22020
DATE: 03/29/24
SCALE:
DRAWN BY: GL
REVISIONS:

DD SET

XT502

OCCUPANCY SENSOR SCHEDULE					
BOX NO	TYPE	LEVEL	ROOM NO	LOCATION	GROUP
304	OS	LEVEL 1	A12	SOUTH CIRC ALCOVE	401
305	OS	LEVEL 1	A10	NORTH CIRC ALCOVE	402
308	OS	LEVEL 1	N/A	NORTHWEST SLL	403
311	OS	LEVEL 1	N/A	NORTHEAST SLL	405
312	OS	LEVEL 1	N/A	SOUTHEAST SLL	407
315	OS	LEVEL 1	N/A	SOUTHWEST SLL	409
316	OS	LEVEL 2	N/A	LEVEL 2 SLL	411

PUSHBUTTON SCHEDULE												
BOX NO	TYPE	LEVEL	ROOM NO	LOCATION	A LABEL	A GROUP	B LABEL	B GROUP	C LABEL	C GROUP	D LABEL	D GROUP
302	PB1	LEVEL 1	A100C	STAGE RIGHT DRESSING	WORK LIGHT	301	N/A	N/A	N/A	N/A	N/A	N/A
303	PB1	LEVEL 1	A100C	STAGE RIGHT DRESSING	WORK LIGHT	301	N/A	N/A	N/A	N/A	N/A	N/A
306	PB1	LEVEL 1	A100B	STAGE LEFT DRESSING	WORK LIGHT	302	N/A	N/A	N/A	N/A	N/A	N/A
307	PB1	LEVEL 1	A100B	STAGE LEFT DRESSING	WORK LIGHT	302	N/A	N/A	N/A	N/A	N/A	N/A
309	PB4	LEVEL 1	A100	NORTHWEST ENTRY	PRESET A	500, 600	PRESET B	500, 600	PRESET C	500, 600	PRESET D	500, 600
310	PB4	LEVEL 1	A100	NORTHEAST ENTRY	PRESET A	500, 600	PRESET B	500, 600	PRESET C	500, 600	PRESET D	500, 600
313	PB4	LEVEL 1	A100	SOUTHEAST ENTRY	PRESET A	500, 600	PRESET B	500, 600	PRESET C	500, 600	PRESET D	500, 600
314	PB4	LEVEL 1	A100	SOUTHWEST ENTRY	PRESET A	500, 600	PRESET B	500, 600	PRESET C	500, 600	PRESET D	500, 600
317	PB2	LEVEL 2	N/A	CATWALK ENTRY	FOH	304	STAGE	303	N/A	N/A	N/A	N/A
318	PB1	LEVEL 2	N/A	SOUTH TECH BALCONY	SOUTH BALCONY	550	N/A	N/A	N/A	N/A	N/A	N/A
319	PB1	LEVEL 2	N/A	SOUTH TECH BALCONY	SOUTH BALCONY	550	N/A	N/A	N/A	N/A	N/A	N/A
320	PB2	LEVEL 2	A200	CONTROL BOOTH	WORK LIGHT	305	TRACK LIGHT	306	N/A	N/A	N/A	N/A
321	PB2	LEVEL 2	A200	CONTROL BOOTH	WORK LIGHT	305	TRACK LIGHT	306	N/A	N/A	N/A	N/A
322	PB1	LEVEL 2	N/A	NORTH TECH BALCONY	NORTH BALCONY	560	N/A	N/A	N/A	N/A	N/A	N/A

HOUSE AND WORK LIGHTING CONTROL SCHEDULE																
BOX NO	TYPE	LEVEL	ROOM NO	LOCATION	MOUNTING	MOUNTING HEIGHT	COLOR	PORT QTY	SIGNAL TYPE	WIRING TOPOLOGY	CONNECT TO	SHOW	WORK	REHEARSAL	NIGHT	CLASS
301	TSCR	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED	48-INCH AFF		1	CAT 5E OR BETTER	HOMERUN	AUX RACK					
302	PB1	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
303	PB1	LEVEL 1	A100C	STAGE RIGHT DRESSING	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
304	OS	LEVEL 1	A12	SOUTH CIRC ALCOVE	SURFACE	CEILING		0	ETC UNISON	DAISY CHAIN	AUX RACK					
305	OS	LEVEL 1	A10	NORTH CIRC ALCOVE	SURFACE	CEILING		0	ETC UNISON	DAISY CHAIN	AUX RACK					
306	PB1	LEVEL 1	A100B	STAGE LEFT DRESSING	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
307	PB1	LEVEL 1	A100B	STAGE LEFT DRESSING	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
308	OS	LEVEL 1	N/A	NORTHWEST SLL	SURFACE	CEILING		0	ETC UNISON	DAISY CHAIN	AUX RACK					
309	PB4	LEVEL 1	A100	NORTHWEST ENTRY	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
310	PB4	LEVEL 1	A100	NORTHEAST ENTRY	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
311	OS	LEVEL 1	N/A	NORTHEAST SLL	SURFACE	CEILING		0	ETC UNISON	DAISY CHAIN	AUX RACK					
312	OS	LEVEL 1	N/A	SOUTHEAST SLL	SURFACE	CEILING		0	ETC UNISON	DAISY CHAIN	AUX RACK					
313	PB4	LEVEL 1	A100	SOUTHEAST ENTRY	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
314	PB4	LEVEL 1	A100	SOUTHWEST ENTRY	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
315	OS	LEVEL 1	N/A	SOUTHWEST SLL	SURFACE	CEILING		0	ETC UNISON	DAISY CHAIN	AUX RACK					
316	OS	LEVEL 2	N/A	LEVEL 2 SLL	SURFACE	CEILING		0	ETC UNISON	DAISY CHAIN	AUX RACK					
317	PB2	LEVEL 2	N/A	CATWALK ENTRY	SURFACE	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
318	PB1	LEVEL 2	N/A	SOUTH TECH BALCONY	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
319	PB1	LEVEL 2	N/A	SOUTH TECH BALCONY	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
320	PB2	LEVEL 2	A200	CONTROL BOOTH	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
321	PB2	LEVEL 2	A200	CONTROL BOOTH	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					
322	PB1	LEVEL 2	N/A	NORTH TECH BALCONY	RECESSED	48-INCH AFF		0	ETC UNISON	DAISY CHAIN	AUX RACK					

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

SCHEDULES

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER: 22020
DATE: 03/29/24
SCALE:
DRAWN BY: GL
REVISIONS:

DD SET

XT503

RELAY PANEL FMP1					NORMAL SERVICE
CIRCUIT	RELAY	ACTION	GROUP	DESCRIPTION	NOTE
	1	ON/OFF	101-106	BLUE STEP LIGHT DRIVER	FMP1 POWERS DRIVER, GROUP CONTROL VIA DMX SIGNAL
	2	ON/OFF	201-202	STAGE EDGE MARKER AND CHAIR AISLE LIGHT DRIVERS	FMP1 POWERS DRIVER, GROUP DIMMING VIA DMX SIGNAL
	3	ON/OFF	301, 302, 305	DRESSING AND CONTROL ROOM TROFFERS	FMP1 POWERS FIXTURES, GROUP DIMMING VIA DMX SIGNAL
	4	0-10V DIM	303	STAGE CATWALK LINEARS	FMP1 PROVIDES 0-10V DIMMING CONTROL
	5	0-10V DIM	304	AUDITORIUM CATWALK LINEARS	FMP1 PROVIDES 0-10V DIMMING CONTROL
	6	ON/OFF	306	CONTROL BOOTH TRACK	FMP1 POWERS TRACK; TRACK HEADS HAVE ON BOARD DIMMING
	7	0-10V DIM	401	SOUTH CIRC ALCOVE LIGHTING	FMP1 PROVIDES 0-10V DIMMING CONTROL
	8	0-10V DIM	402	NORTH CIRC ALCOVE LIGHTING	FMP1 PROVIDES 0-10V DIMMING CONTROL

RELAY PANEL FMP2					NORMAL SERVICE
CIRCUIT	RELAY	ACTION	GROUP	DESCRIPTION	NOTE
	1	ON/OFF		AUDITORIUM AND SLL HOUSE LIGHTING PER HLB	FMP1 POWERS FIXTURES, DIMMING VIA DMX SIGNAL
	2	ON/OFF		"	"
	3	ON/OFF		"	"
	4	ON/OFF		"	"
	5	ON/OFF		"	"
	6	ON/OFF		"	"
	7	ON/OFF		"	"
	8	ON/OFF		"	"

RELAY PANEL FMP3					EMERGENCY SERVICE
CIRCUIT	RELAY	ACTION	GROUP	DESCRIPTION	NOTE
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				

SCHEDULE OF LOOSE EQUIPMENT (SECTION 26 55 61 THEATER LIGHTING CONTROL)				
QTY	ITEM	MANUFACTURER	MODEL	NOTES
1	Multiverse Transmitter 2.4GHz	CITY THEATRICAL	5911	
2	Wireless access point	ETC	WAP	
1	ETC Ion Xe 20 - 12K	ETC	ION XE 20 12K	Provide with keyboard, mouse, dust cover, power supply, and network cables
1	Nomad Puck Lighting Controller Kit	ETC	ETCnomad Puck Base	Provide with keyboard, mouse, power supply, and network cables
1	ETC Ion XE rack mounted RPU, 12k	ETC	ION XE RPU-12K	
4	23-inch touchscreen monitor		23" TS MON	Provide with stands
10	Two port touring gateway	ETC	RSN-DMX2-O-P-4	Provide with c-clamps and safety cables
1	Handheld remote and application	APPLE	IPAD	Provide with rugged case
1	7-inch Paradigm portable touch screen controller	ETC	P-TS7-PE	

SCHEDULE OF LOOSE EQUIPMENT (SECTION 11 61 91 THEATER LIGHTING FIXTURES)				
QTY	ITEM	MANUFACTURER	MODEL	NOTES
75	Source Four LED Series 3 Lustr, light engine with shutter barrel, black	ETC	S4LEDS3LS-0	Provide with edison connector
85	XDLT lens tubes, lot, black	ETC	XDLT-LOT	Lot - exact type and count of barrels to be developed
30	Desire Fresnel, 7-inch, black	ETC	DFL7	Provide with edison connector, c-clamps and safety cables
18	S4WRD PAR Fixture body, black	ETC	S4WRDPAR	Provide with c-clamps and safety cables
18	Source 4WRD II Retrofit Kit, Black	ETC	S4WRD	Provide with edison connector, c-clamps and safety cables
18	ETC Source 4 PAR, MFL lens	ETC	MFL	
11	Aurora LED strip, 12-cell	STRAND	64508-002	Provide with edison connector, c-clamps and safety cables
11	Aurora LED 12, Lens accessory kit	STRAND	64508-092	
2	Gz - 600w Cool White LED 7° - 14.5° Followspot w/ GT1000 Tripod	ROBERT JULIAT	1169C	Provide with stand and Telrad site
2	GT1000 Tripod Stand	ROBERT JULIAT	GT1000	Provide with stand and Telrad site
5	ETC SolaFrame Studio, Black	ETC	2560A1211	Provide with edison connector, hanging hardware, and safety cables
55	7.5-inch top hats	CITY THEATRICAL	2400	All top hats flocked
30	10-inch top hats	CITY THEATRICAL	2453	All top hats flocked
5	14-inch top hats	CITY THEATRICAL	2451	All top hats flocked
30	7.5-inch wash fixture barn doors	CITY THEATRICAL	2488	
30	City Theatrical Safer Side Arms	CITY THEATRICAL	202	
40	A-size pattern holder	ETC	400PH-A	
1	Cable package for rig to comprise a working system	LEX	CABLE LOT	All cable LEX or equal - exact type and quantites to be developed
15	5-pin terminators	LEX	DMX5P-TERM	LEX or equal

THEATER LIGHTING GROUP NOTES

1. SEE ALSO HOUSE AND WORK LIGHT CONTROL SCHEDULE.
2. **SHOW**, **WORK**, **REHEARSAL**, **NIGHT**, AND **CLASS** ARE GLOBAL STATES THAT SET LIGHTING LEVELS AND LOCK OUT OR ENABLE LOCAL CONTROL STATIONS AND OCCUPANCY SENSORS.
3. **NO CHANGE** MEANS THAT THE GROUP REMAINS AT ITS CURRENT LIGHT LEVEL AND IS NOT AFFECTED BY THE GLOBAL STATE.
4. **ON SENSOR** MEANS THAT THE GROUP IS CONTROLLED BY AN OCCUPANNCY SENSOR IN THIS GLOBAL STATE; OCCUPANCY SENSOR IS DISABLED WHEN GROUP IS INDICATED AS **OFF**.
5. **CLASS PRESET** AND **WORK PRESET** ARE USER-ADJUSTABLE HOUSE AND CONCERT LIGHTING PRESETS THAT ARE RECALLED BY THE **CLASS** AND **WORK** STATES RESPECTIVELY.
6. **GROUP** DESCRIBES A COLLECTION OF SIMILARLY WIRED LIGHTING FIXTURES WITHIN A ROOM OR MULTIPLE ADJOINING ROOMS. A GROUP MAY OR MAY NOT INDICATE A CONTROL ZONE, DEPENDING ON THE TYPE OF FIXTURE DRIVER, AS NOTED BELOW.

DMX DRIVER (INDIVIDUAL)
EACH GROUP CAN CONSTITUTE MULTIPLE ZONES.
PROVIDE POWER CIRCUIT TO DRIVER VIA FMP PANEL.
EACH POWER CIRCUIT CAN SUPPLY MULTIPLE CONTROL ZONES.
PROVIDE DRIVER WITH A DMX SIGNAL WIRE IN ACCORDANCE WITH THE SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
PROGRAM EACH FIXTURE WITH AN INDIVIDUAL DMX ADDRESS. FIXTURES WILL BE INDIVIDUALLY CONTROLLED VIA DMX/RDM PROTOCOL. CONTROL ZONES WILL BE DEFINED DURING THE PROGRAMMING OF THE ARCHITECTURAL CONTROLS.

DMX DRIVER (MULTICHANNEL)
EACH GROUP CONSTITUTES A CONTROL ZONE.
PROVIDE POWER CIRCUITRY TO DRIVER VIA FMP RELAY PANEL.
EACH POWER CIRCUIT CAN SUPPLY MULTIPLE DRIVERS.
PROVIDE DRIVER WITH A DMX SIGNAL WIRE IN ACCORDANCE WITH THE SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
PROGRAM EACH CHANNEL OF THE MULTICHANNEL DRIVER WITH AN INDIVIDUAL DMX ADDRESS.

NON DIM (NO OR NON-DIMMING DRIVER)
EACH GROUP CONSTITUTES A CONTROL ZONE.
PROVIDE POWER CIRCUITRY TO DRIVER VIA FMP RELAY PANEL.
EACH GROUP REQUIRES A DEDICATED POWER CIRCUIT.

0-10V DIMMING DRIVER
EACH GROUP CONSTITUTES A CONTROL ZONE.
PROVIDE POWER CIRCUITRY TO DRIVER VIA FMP RELAY PANEL.
EACH POWER CIRCUIT CAN SUPPLY MULTIPLE DRIVERS.
EACH GROUP REQUIRES A DEDICATED POWER CIRCUIT.
PROVIDE DRIVER WITH A 0-10V SIGNAL WIRE IN ACCORDANCE WITH THE SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.

THEATER LIGHTING GROUP SCHEDULE

GROUP	LEVEL	ROOM NO	LOCATION	DESCRIPTION	FIXTURE TYPE	FIXTURE DRIVER TYPE	NORMAL RELAY	RELAY ACTION	RELAY sACN UNIV	RELAY DMX ADDRESS	EMERGENCY RELAY	RELAY ACTION	RELAY sACN UNIV	RELAY DMX ADDRESS	FIXTURE sACN UNIV	FIXTURE DMX ADDRESSING	SHOW STATE	WORK STATE	REHEARSAL STATE	NIGHT STATE	CLASS STATE
101	LEVEL 1	A12/A101C	SOUTH CIRC ALCOVE/SR DRESSING	BLUE STEP LIGHT	X11/X11S	DMX (MULTI-CHANNEL)	FMP1:1	ON/OFF			N/A	N/A	N/A	N/A		ONE PER GROUP	ON	OFF	ON	OFF	OFF
102	LEVEL 1	A10/A101B	NORTH CIRC ALCOVE/SL DRESSING	BLUE STEP LIGHT	X11/X11S	DMX (MULTI-CHANNEL)	FMP1:1	ON/OFF			N/A	N/A	N/A	N/A		ONE PER GROUP	ON	OFF	ON	OFF	OFF
103	LEVEL 2	N/A	AUDITORIUM CATWALK	BLUE STEP LIGHT	X11P	DMX (MULTI-CHANNEL)	FMP1:1	ON/OFF			N/A	N/A	N/A	N/A		ONE PER GROUP	ON	OFF	ON	OFF	OFF
104	LEVEL 2	N/A	LEVEL 2 SLL	BLUE STEP LIGHT	X11	DMX (MULTI-CHANNEL)	FMP1:1	ON/OFF			N/A	N/A	N/A	N/A		ONE PER GROUP	ON	OFF	ON	OFF	OFF
105	LEVEL 2	N/A	CONTROL BOOTH/SOUTH TECH BALCONY	BLUE STEP LIGHT	X11/X11S	DMX (MULTI-CHANNEL)	FMP1:1	ON/OFF			N/A	N/A	N/A	N/A		ONE PER GROUP	ON	OFF	ON	OFF	OFF
106	LEVEL 2	N/A	NORTH TECH BALCONY	BLUE STEP LIGHT	X11S	DMX (MULTI-CHANNEL)	FMP1:1	ON/OFF			N/A	N/A	N/A	N/A		ONE PER GROUP	ON	OFF	ON	OFF	OFF
201	LEVEL 1	A101	STAGE	STAGE EDGE MARKER	X71	DMX (INDIVIDUAL)	FMP1:2	ON/OFF			N/A	N/A	N/A	N/A		ONE PER FIXTURE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE
202	LEVEL 1	A100	AUDITORIUM	CHAIR-MOUNTED AISLE LIGHTS	BY DIVISION 12	DMX (MULTI-CHANNEL)	FMP1:2	ON/OFF			N/A	N/A	N/A	N/A		ONE PER GROUP	ON	ON	ON	ON	ON
301	LEVEL 1	A101C	STAGE RIGHT DRESSING	RECESSED TROFFER	X81	DMX (INDIVIDUAL)	FMP1:3	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	NO CHANGE	OFF	OFF	NO CHANGE
302	LEVEL 1	A101B	STAGE LEFT DRESSING	RECESSED TROFFER	X81	DMX (INDIVIDUAL)	FMP1:3	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	NO CHANGE	OFF	OFF	NO CHANGE
303	LEVEL 2	N/A	STAGE CATWALK	ROUGH USAGE LINEAR	X32	0-10V	FMP1:4	0-10V DIM			TBD	0-10V DIM			N/A	N/A	OFF	ON	OFF	OFF	NO CHANGE
304	LEVEL 2	N/A	AUDITORIUM CATWALK	ROUGH USAGE LINEAR	X32	0-10V	FMP1:5	0-10V DIM			TBD	0-10V DIM			N/A	N/A	OFF	ON	OFF	OFF	NO CHANGE
305	LEVEL 2	A200	CONTROL BOOTH	RECESSED TROFFER	X81	DMX (INDIVIDUAL)	FMP1:3	ON/OFF			TBD	ON/OFF			N/A	N/A	OFF	NO CHANGE	OFF	OFF	NO CHANGE
306	LEVEL 2	A200	CONTROL BOOTH	TRACK AND HEADS	X61/X62	NONE	FMP1:6	ON/OFF			N/A	N/A	N/A	N/A	N/A	N/A	ON	NO CHANGE	ON	OFF	NO CHANGE
401	LEVEL 1	A12	SOUTH CIRC ALCOVE	OVERHEAD	PER HLB	0-10V	FMP1:7	0-10V DIM			TBD	0-10V DIM			N/A	N/A	OFF	ON SENSOR	OFF	ON SENSOR	ON SENSOR
402	LEVEL 1	A10	NORTH CIRC ALCOVE	OVERHEAD	PER HLB	0-10V	FMP1:8	0-10V DIM			TBD	0-10V DIM			N/A	N/A	OFF	ON SENSOR	OFF	ON SENSOR	ON SENSOR
403	LEVEL 1	N/A	NORTHWEST SLL	OVERHEAD	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	ON SENSOR	OFF	ON SENSOR	ON SENSOR
404	LEVEL 1	N/A	NORTHWEST SLL	STEP AND PATH	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	ON	OFF	ON	OFF	OFF
405	LEVEL 1	N/A	NORTHEAST SLL	OVERHEAD	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	ON SENSOR	OFF	ON SENSOR	ON SENSOR
406	LEVEL 1	N/A	NORTHEAST SLL	STEP AND PATH	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	ON	OFF	ON	OFF	OFF
407	LEVEL 1	N/A	SOUTHEAST SLL	OVERHEAD	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	ON SENSOR	OFF	ON SENSOR	ON SENSOR
408	LEVEL 1	N/A	SOUTHEAST SLL	STEP AND PATH	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	ON	OFF	ON	OFF	OFF
409	LEVEL 1	N/A	SOUTHWEST SLL	OVERHEAD	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	ON SENSOR	OFF	ON SENSOR	ON SENSOR
410	LEVEL 1	N/A	SOUTHWEST SLL	STEP AND PATH	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	ON	OFF	ON	OFF	OFF
411	LEVEL 2	N/A	LEVEL 2 SLL	OVERHEAD	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	ON SENSOR	OFF	ON SENSOR	ON SENSOR
500	LEVEL 1	A100	AUDITORIUM	HOUSE	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	NO CHANGE	OFF	OFF	CLASS PRESET
550	LEVEL 2	N/A	SOUTH TECH BALCONY	HOUSE	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	NO CHANGE	OFF	OFF	NO CHANGE
560	LEVEL 2	N/A	NORTH TECH BALCONY	HOUSE	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	NO CHANGE	OFF	OFF	NO CHANGE
600	LEVEL 1	A101	STAGE	CONCERT	PER HLB	DMX (INDIVIDUAL)	TBD	ON/OFF			TBD	ON/OFF				ONE PER FIXTURE	OFF	WORK PRESET	OFF	OFF	CLASS PRESET

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANT
S:

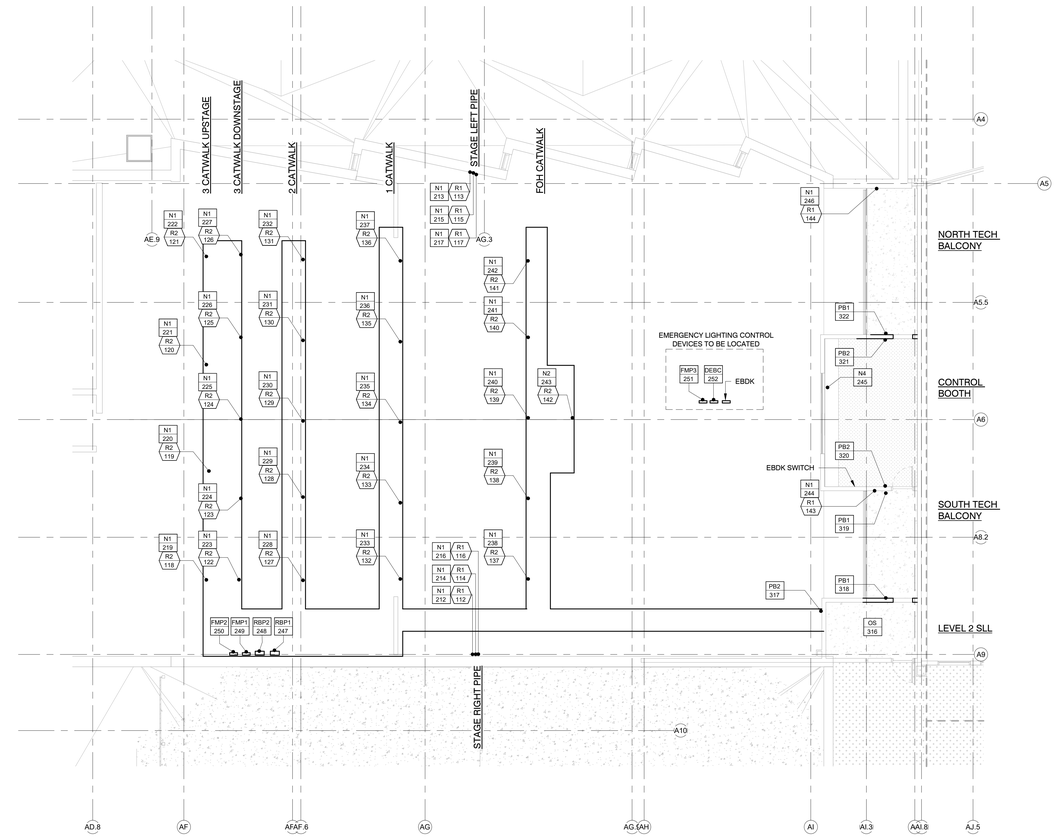
SCHEDULES

EAST LONGMEADOW HS
Owner
Enter address here

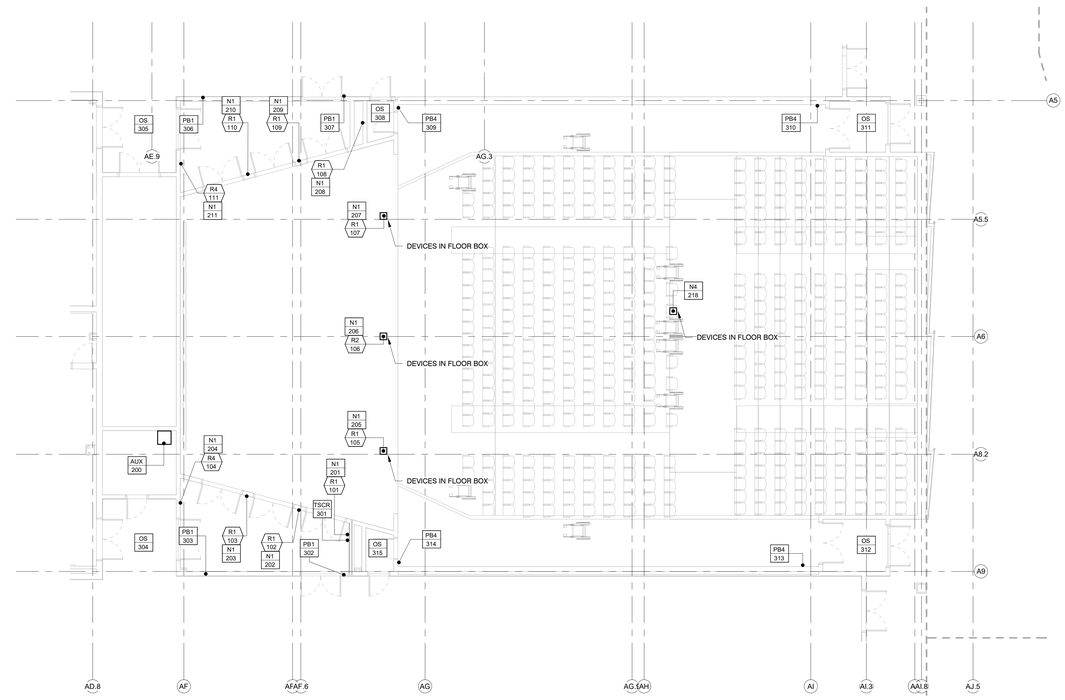
PROJ. NUMBER: 22020
DATE: 03/29/24
SCALE: 12" = 1'-0"
DRAWN BY: GL
REVISIONS:

DD SET

XT504



2 LEVEL 2 THEATER LIGHTING PLAN
1/8" = 1'-0"



1 LEVEL 1 THEATER LIGHTING PLAN
1/8" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

PLANS

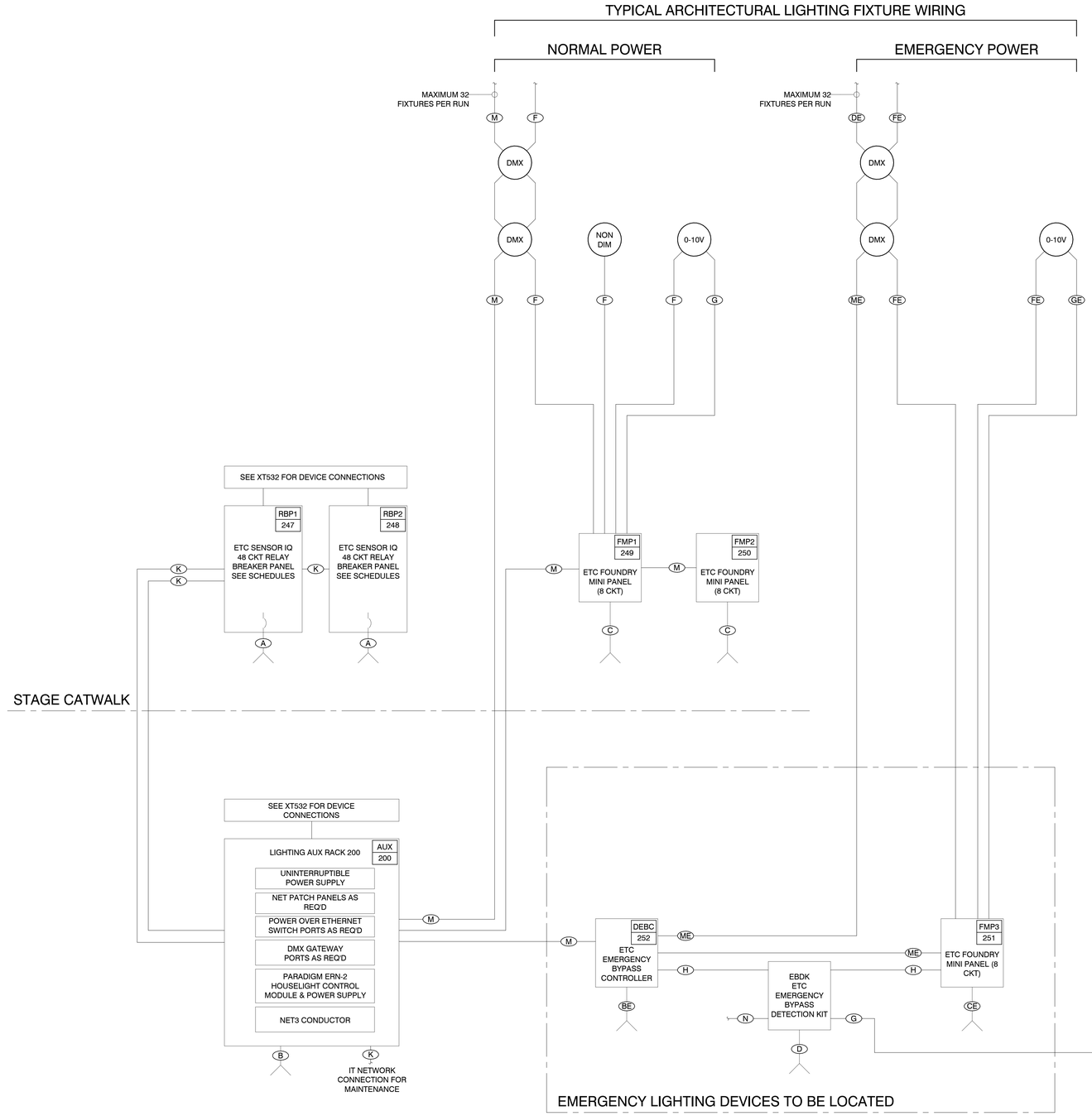
EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	GL
REVISIONS:	

DD SET

XT511

TYPICAL ARCHITECTURAL LIGHTING FIXTURE WIRING



OUTLET NUMBER KEY	
SERIES	DESCRIPTION
100	RELAY OUTLETS
200	LIGHTING NETWORK TAPS
300	PUSHBUTTON & TOUCHSCREEN CONTROLS

GENERAL NOTES
1. SEE XA SHEETS FOR ADDITIONAL REQUIREMENTS.
2. SEE XT501 SERIES FOR SCHEDULES.
3. SEE XT511 SERIES FOR PLANS.
4. SEE XT531 SERIES FOR RISERS.
5. SCHEDULES ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. VERIFY ALL QUANTITIES AND PROVIDE ALL NECESSARY MATERIAL AND EQUIPMENT, WHETHER SCHEDULED OR NOT.

SYMBOL KEY

TYPE NO — POWER OUTLETS

TYPE NO — CONTROL DEVICES

KEY	
A	120/208V 3-PHASE 4-WIRE PLUS GROUND 200A NORMAL SERVICE FEED
B	120V 1-PHASE 2-WIRE PLUS GROUND 20A NORMAL SERVICE FEED
BE	120V 1-PHASE 2-WIRE PLUS GROUND 20A NORMAL/EMERGENCY SERVICE FEED
C	MULTIPLE 120V OR 277V 1-PHASE 2-WIRE PLUS GROUND 20A NORMAL SERVICE FEEDS AS REQUIRED BY LOADS
CE	MULTIPLE 120V OR 277V 1-PHASE 2-WIRE PLUS GROUND 20A NORMAL/EMERGENCY SERVICE FEEDS AS REQUIRED BY LOADS
D	4-WIRE 20-AMP MAXIMUM NORMAL POWER SENSE FEED
F	RELAY-CONTROLLED NORMAL POWER 20A 2-WIRE PLUS GROUND BRANCH CIRCUIT
FE	RELAY-CONTROLLED NORMAL POWER 20A 2-WIRE PLUS GROUND BRANCH CIRCUIT
G	0-10V DIMMING SIGNAL CABLE (NORMAL POWER CIRCUIT)
GE	0-10V DIMMING SIGNAL CABLE (NORMAL/EMERGENCY POWER CIRCUIT)
H	2 #16 AWG
J	ETC UNISON
K	CAT5E OR BETTER ETHERNET CABLE
L	ETHERNET FIBER
M	DMX (RS485)
ME	EMERGENCY DMX (RS485)
N	DRY CONTACT CLOSURE FROM FIRE ALARM SYSTEM

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

RISER DIAGRAM

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	NO SCALE
DRAWN BY:	GL
REVISIONS:	

DD SET

XT531

OUTLET NUMBER KEY	
SERIES	DESCRIPTION
100	RELAY OUTLETS
200	LIGHTING NETWORK TAPS
300	PUSHBUTTON & TOUCHSCREEN CONTROLS

GENERAL NOTES
1. SEE XA SHEETS FOR ADDITIONAL REQUIREMENTS.
2. SEE XT501 SERIES FOR SCHEDULES.
3. SEE XT511 SERIES FOR PLANS.
4. SEE XT531 SERIES FOR RISERS.
5. SCHEDULES ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. VERIFY ALL QUANTITIES AND PROVIDE ALL NECESSARY MATERIAL AND EQUIPMENT, WHETHER SCHEDULED OR NOT.

SYMBOL KEY

TYPE / NO — POWER OUTLETS

TYPE / NO — CONTROL DEVICES

KEY	
A	120/208V 3-PHASE 4-WIRE PLUS GROUND 200A NORMAL SERVICE FEED
B	120V 1-PHASE 2-WIRE PLUS GROUND 20A NORMAL SERVICE FEED
BE	120V 1-PHASE 2-WIRE PLUS GROUND 20A NORMAL/EMERGENCY SERVICE FEED
C	MULTIPLE 120V OR 277V 1-PHASE 2-WIRE PLUS GROUND 20A NORMAL SERVICE FEEDS AS REQUIRED BY LOADS
CE	MULTIPLE 120V OR 277V 1-PHASE 2-WIRE PLUS GROUND 20A NORMAL/EMERGENCY SERVICE FEEDS AS REQUIRED BY LOADS
D	~~4-WIRE 20-AMP MAXIMUM NORMAL POWER SENSE~~ FEED
F	RELAY-CONTROLLED NORMAL POWER 20A 2-WIRE PLUS GROUND BRANCH CIRCUIT
FE	RELAY-CONTROLLED NORMAL POWER 20A 2-WIRE PLUS GROUND BRANCH CIRCUIT
G	0-10V DIMMING SIGNAL CABLE (NORMAL POWER CIRCUIT)
GE	0-10V DIMMING SIGNAL CABLE (NORMAL/EMERGENCY POWER CIRCUIT)
H	2 #16 AWG
J	ETC UNISON
K	CAT5E OR BETTER ETHERNET CABLE
L	ETHERNET FIBER
M	DMX (RS485)
ME	EMERGENCY DMX (RS485)
N	DRY CONTACT CLOSURE FROM FIRE ALARM SYSTEM

RELAY OUTLETS

R1 144, R1 143

R2 142, R2 141, R2 140, R2 139, R2 138, R2 137

R2 136, R2 135, R2 134, R2 133, R2 132

R2 131, R2 130, R2 129, R2 128, R2 127

R2 126, R2 125, R2 124, R2 123, R2 122

R2 121, R2 120, R2 119, R2 118

R1 117, R1 116

R1 115, R1 114

R1 113, R1 112

R4 111, R1 110, R1 109, R1 108

R1 107, R2 106, R1 105

R4 104, R1 103, R1 102, R1 101 (F)

HOME RUN TYPICAL PER RELAY

RBP1 247 — ETC SENSOR IQ 48 CKT RELAY BREAKER PANEL

RBP2 248 — ETC SENSOR IQ 48 CKT RELAY BREAKER PANEL

LEVEL 2

LEVEL 1

LIGHTING NETWORK TAPS

N1 246, N4 245, N1 244

N2 243, N1 242, N1 241, N1 240, N1 239, N1 238

N1 237, N1 236, N1 235, N1 234, N1 233

N1 232, N1 231, N1 230, N1 229, N1 228

N1 227, N1 226, N1 225, N1 224, N1 223

N1 222, N1 221, N1 220, N1 219

217 215, N1 216

N1 215, N1 214

N4 218, N1 213, N1 212

N1 211, N1 210, N1 209, N1 208

N1 207, N1 206, N1 205

N1 204 (K), N1 203, N1 202, N1 201

HOME RUN TYPICAL PER TAP

AUX 200 — THEATER LIGHTING AUX RACK

HOUSE/WORK CONTROLS

PB1 318, PB1 319, PB2 320, PB2 321, PB1 322

OS 316, PB2 317

OS 308, PB4 309, PB4 310, OS 311, OS 312, PB4 313, PB4 314, OS 315

PB1 305, PB1 306, OS 307

TSCR 301 (K), PB1 302 (J), PB1 303, OS 304

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANT S:

RISER DIAGRAM

EAST LONGMEADOW HS
Owner
Enter address here

PROJ. NUMBER:	22020
DATE:	03/29/24
SCALE:	12" = 1'-0"
DRAWN BY:	GL
REVISIONS:	

DD SET

XT532

GENERAL NOTES

1. CONTRACTOR SHALL DETERMINE EXISTING CONDITIONS WHERE REQUIRED AND VERIFY ALL FIELD CONDITIONS FOR CLEARANCES, DIMENSIONS AND ELEVATIONS SHOWN ON DRAWINGS. ANY DISCREPANCIES SHALL BE MARKED ON A PRINT OF THE STRUCTURAL DRAWING AND FORWARDED IMMEDIATELY TO THE ENGINEER.
2. THE CONTRACTOR SHALL COMPARE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING WITH THE WORK AND SHALL NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES REQUIRING CLARIFICATION OR REVISIONS. DO NOT SCALE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
3. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATIONS AND THE MASSACHUSETTS BUILDING CODE, 9TH...
4. THE CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS FOR THE ENGINEER'S APPROVAL FOR ALL PARTS OF THE WORK, INCLUDING A DESCRIPTION OF DEMOLITION, CONSTRUCTION METHODS AND SEQUENCING WHERE APPLICABLE. EXISTING FIELD CONDITIONS SHALL BE INCORPORATED INTO SUBMITTALS. NO PERFORMANCE OF THE WORK INCLUDING, BUT NOT LIMITED TO, DEMOLITION OF THE EXISTING STRUCTURE, OR FABRICATION OR ERECTION OF NEW STRUCTURAL ELEMENTS SHALL COMMENCE WITHOUT REVIEW OF THE SHOP DRAWINGS BY THE ENGINEER.
5. IN THE EVENT THAT CERTAIN DETAILS OF THE CONSTRUCTION ARE NOT FULLY SHOWN OR NOTED ON THE DRAWINGS, THEIR CONSTRUCTION SHALL BE OF THE SAME TYPE AS FOR SIMILAR CONDITIONS WHICH ARE SHOWN AND NOTED, SUBJECT TO THE STRUCTURAL ENGINEER'S APPROVAL.
6. SEE THE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:
   A. SIZE AND LOCATION OF ALL INTERIOR AND EXTERIOR NON BEARING PARTITIONS.
   B. SIZE AND LOCATION OF ALL CONCRETE CURBS, FLOOR DRAINS, SLOPES, INSERTS, ETC. EXCEPT AS SHOWN.
   C. SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS EXCEPT AS SHOWN.
   D. FLOOR AND ROOF FINISHES.
   E. FINISHED FLOOR AND EXTERIOR ELEVATIONS.
   F. DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
   G. STAIR FRAMING AND DETAILS.
7. SEE THE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR THE FOLLOWING:
   A. PIPE AND DUCT RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB OPENINGS, ETC. EXCEPT AS SHOWN OR NOTED.
   B. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS
   C. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL OR PLUMBING FIXTURES.
   D. SIZE AND LOCATION OF MACHINE OR EQUIPMENT BASES. ANCHOR BOLTS FOR MOTOR MOUNTS, EXCEPT AS SHOWN OR NOTED.
8. OPENING, POCKETS, ETC. LARGER THAN 6" SHALL NOT BE PLACED IN CONCRETE SLABS, DECKS, OR WALLS UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER WHEN DRAWINGS BY OTHER DISCIPLINES SHOW OPENINGS, POCKETS, ETC LARGER THAN 6" WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS.
9. ALL MECHANICAL SYSTEMS SUSPENDED LOADS EXCEEDING 100 POUNDS SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS.
10. DESIGN BASIS:
    DESIGN IS IN ACCORDANCE WITH THE MASSACHUSETTS STATE BUILDING CODE, 9TH EDITION.

    LIVE LOAD
    SEE DESIGN LOAD SCHEDULE

    SNOW LOAD

Pg:	35 PSF
Pf	35 PSF
Ce	1
I	1.1
Ct	1

    WIND LOAD (SPEED AND PSF IN ULTIMATE)*

BASIC WIND SPEED	130 MPH
RISK CATEGORY	III
EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT	±0.18
MWFRS DESIGN LOAD	43 PSF

    COMPONENTS AND CLADDING
    DESIGN LOAD (ULTIMATE)

WALL Aeff	EDGE**	FIELD
10 FT²	±51 PSF	±50 PSF
50 FT²	±52 PSF	±48 PSF
100 FT²	±48 PSF	±43 PSF
ROOF Aeff	EDGE**	FIELD
10 FT²	±76 PSF	±50 PSF
50 FT²	±60 PSF	±50 PSF
100 FT²	±53 PSF	±50 PSF

    *TO CONVERT ULTIMATE WIND PRESSURES TO ALLOWABLE, MULTIPLY BY 0.6. TO CONVERT ULTIMATE BASIC WIND SPEED TO ALLOWABLE, MULTIPLY BY .07.6. (IMPORTANCE FACTOR IS ALREADY INCLUDED IN SPEED AND PRESSURES).
    **SEE ASCE 7-10 FIGURE 30.6-1 FOR WIDTHS OF CORNER & EDGE ZONES

    SEISMIC LOAD

I/ RISK CATEGORY	1.25/III
Sxs/S1	0.174/0.065
SITE CLASS	D
SDS/SD1	0.186/0.104
SEISMIC DESIGN CATEGORY	B
SEISMIC-FORCE-RESISTING SYSTEM	STEEL CONCENTRICALLY BRACED FRAMES (NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE)
Cs	0.078
R	3
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE

11. SEE ARCHITECTURAL DRAWINGS FOR WATERPROOFING AND DAMPPROOFING DETAILS.
12. THE OWNER WILL RETAIN AN INDEPENDENT TESTING AGENCY TO INSPECT THE FOLLOWING TYPES OF WORK. SEE THE PROJECT SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.
    A. SUBGRADE, INCLUDING SOLID PREPARATION, COMPACTION AND BEARING CAPACITY
    B. STRUCTURAL FILL
    C. ALL CONCRETE WORK
    D. ALL STRUCTURAL STEEL WELDING AND HIGH STRENGTH BOLTING (EXCEPT METAL STUDS, FURRING, ETC.)
    E. SHOP WELDING PROCEDURES
    F. MASONRY WORK WHERE NOTED ON THE DRAWINGS
    G. INSTALLATION OF EXPANSION AND ADHESIVE ANCHORS
    H. STRUCTURAL STABILITY
    I. WIND BEARING OR LOAD BEARING LIGHT GAUGE METAL FRAMING
    J. WHERE INDICATED ON THE DRAWINGS OR PROJECT SPECIFICATIONS.
13. THE FOLLOWING SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL (RDP) NOT UNDER THE CONTROL OF THE STRUCTURAL ENGINEER OF RECORD (SER) AND SUBMITTED FOR REVIEW WITH CALCULATIONS PREPARED, STAMPED, AND SIGNED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE PROJECT'S STATE:
    A. LIGHT GAUGE METAL SYSTEMS
    B. CURTAIN WALL
    C. METAL OR CONCRETE STAIRS AND RAILS NOT DETAILED ON STRUCTURAL DRAWINGS
    D. STRUCTURAL STEEL CONNECTIONS NOT FULLY DETAILED IN CONTRACT DRAWINGS (SHEAR CONNECTIONS, MOMENT CONNECTIONS), BRACED FRAME CONNECTIONS.
    E. OPEN WEB STEEL JOISTS.
    F. HAND RAILS, GUARDRAILS AND HALF WALLS SERVING AS SUCH.
    G. ALL OTHER SYSTEMS NOTED AS SUCH IN PROJECT SPECIFICATIONS.

    STRUCTURAL DRAWINGS PROVIDED BY SER SUBMITTED FOR PERMIT DO NOT INCLUDE DESIGN OF THE SYSTEMS LISTED ABOVE.
14. EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE LATERAL SYSTEM (WIND OR SEISMIC) SHOWN ON THE STRUCTURAL DRAWINGS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER ACKNOWLEDGING AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

TEMPORARY WORK

1. ALL TEMPORARY WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE MASSACHUSETTS BUILDING CODE, 9TH EDITION.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE PROPER SHORING AND BRACING WHEREVER NECESSARY. SHOP DRAWINGS FOR SUCH SHORING SHALL BE PREPARED BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR, IN ACCORDANCE WITH ALL APPLICABLE CURRENT RULES AND REGULATIONS.
3. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.
4. SHEETING, SHORING AND BRACING FOR THE LATERAL SUPPORT OF EXCAVATION SHALL REMAIN IN PLACE UNTIL ALL PERMANENT STRUCTURAL SYSTEMS AT AND BELOW GROUND LEVEL ARE COMPLETE. FOR FURTHER INFORMATION ON LATERAL SUPPORT OF EXCAVATION, SEE SPECIFICATIONS.

EARTHWORK

1. ALL EARTHWORKS INCLUDING EXCAVATION, FILLING, SUBGRADE PREPARATIONS, AND PROOF ROLLING EXISTING SUBGRADE SHALL BE IN ACCORDANCE WITH THE GENERAL NOTES, SPECIFICATIONS, AND GEOTECHNICAL REPORTS DATED DECEMBER 19, 2022 BY O'REILLY, TALBOT & OKUN.
2. DO NOT PLACE BACKFILL BEHIND WALLS UNTIL CONCRETE HAS ATTAINED ITS FULL DESIGN STRENGTH. DO NOT BACKFILL WALLS BELOW GRADE UNTIL GROUND LEVEL FLOOR OR OTHER PERMANENT LATERAL SUPPORT SYSTEM IS COMPLETELY IN PLACE AND HAS ATTAINED 80 PERCENT OF FULL STRENGTH.
3. EXCAVATIONS BELOW FOOTINGS OF ALL TYPES AS WELL AS SLABS ON GRADE SHOULD BE MADE SO AS TO PROVIDE A CLEAN SMOOTH BEARING AREA OF UNDISTURBED SOIL. THE BOTTOM THREE INCHES OF EXCAVATIONS FOR FOOTINGS, PILE CAPS, AND GRADE BEAMS SHALL BE FINISHED BY HAND.
4. ALL BEARING SURFACES SHALL BE PROTECTED FROM CHANGES IN MOISTURE CONTENT IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
5. NO RESPONSIBILITY IS ASSUMED BY THE ARCHITECT FOR THE VALIDITY OF THE SUBSURFACE CONDITIONS DESCRIBED ON THE DRAWINGS, SPECIFICATIONS, TEST BORINGS, OR TEST PITS. THIS DATA IS INCLUDED ONLY TO ASSIST THE CONTRACTOR DURING BIDDING AND SUBSEQUENT CONSTRUCTION AND REPRESENT CONDITIONS ONLY AT THESE SPECIFIC LOCATIONS AT THE PARTICULAR TIME THEY WERE MADE.

FOUNDATIONS

1. THE FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY O'REILLY, TALBOT & OKUN DATED DECEMBER 19, 2022.
2. ALLOWABLE SOIL BEARING PRESSURE ASSUMED TO BE 4 KSF.
3. FOUNDATIONS ON THIS PROJECT CONSIST OF SPREAD FOOTINGS, BASEMENT AND FOUNDATION WALLS, AND SLAB ON GRADE.
4. DESIGN ELEVATION FOR GROUNDWATER IS BETWEEN 156 AND 166 FEET AS PER GEOTECHNICAL REPORT.
5. NO FOUNDATION CONCRETE SHALL BE PLACED IN WATER OR ON FROZEN SUBGRADE MATERIAL. WATER SHALL NOT BE ALLOWED TO STAND IN TRENCHES BEFORE OR AFTER CONCRETE IS PLACED. REFER TO GEOTECHNICAL REPORT FOR GUIDELINES ON DEWATERING.
6. IF TRENCHES BECOME SOFTENED DUE TO RAIN OR OTHER WATER BEFORE THE FOOTINGS ARE CAST, THE CONTRACTOR SHALL EXCAVATE THE SOFTENED MATERIAL AND REPLACE WITH CONCRETE.
7. FOUNDATION UNITS SHALL BE CENTERED UNDER SUPPORTED STRUCTURAL MEMBER, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
8. ALL EXCAVATIONS FOR FOUNDATIONS SHALL BE APPROVED BY THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO PLACING REINFORCEMENT AND CASTING CONCRETE.
9. BACKFILL UNDER ANY PORTION OF THE STRUCTURE SHALL BE COMPACTED IN MAXIMUM 12-INCH-THICK LIFTS WITH A MINIMUM OF 4 PASSES VIBRATORY ROLLER OR PLATE COMPACTOR. THESE ARE MINIMUM STANDARDS ONLY AND IN NO WAY RELIEVE THE CONTRACTOR OF THE CONTRACTOR'S OBLIGATION TO ACHIEVE THE SPECIFIED DEGREE OF COMPACTION BY WHATEVER ADDITIONAL EFFORT IS NECESSARY.
10. ALL SLAB ON GRADE AND FOOTING SUBGRADE LEVELS SHALL BE APPROVED BY OWNERS GEOTECHNICAL ENGINEER.
11. EXTERIOR CONSTRUCTION SHALL BE CARRIED DOWN TO A MINIMUM DEPTH OF 4 FEET BELOW FINISHED EXTERIOR GRADE UNLESS NOTED OTHERWISE. PROTECT IN-PLACE FOUNDATIONS AND SLABS FROM FROST PENETRATION UNTIL THE PROJECT IS COMPLETED.
12. DOWELS FROM FOUNDATIONS INTO PIERS, COLUMNS, BUTTRESSES, OR WALLS ABOVE SHALL BE THE SAME SIZE AND NUMBER AS VERTICAL REINFORCEMENT IN PIERS, COLUMNS, BUTTRESSES, OR WALLS UNLESS NOTED OTHERWISE IN DRAWINGS.

CONCRETE AND REINFORCEMENT

1. ALL CONCRETE CONSTRUCTION TO CONFORM TO THESE NOTES, THE SPECIFICATIONS, THE LATEST EDITION OF ACI 318, AND THE MASSACHUSETTS BUILDING CODE, 9TH EDITION, WHICHEVER IS MOST RESTRICTIVE.
2. CONTRACTOR SHALL SUBMIT CONCRETE MIX TO ENGINEER BEFORE ORDERING CONCRETE TO JOB SITE.
3. SCHEDULE OF STRUCTURAL CONCRETE 28 DAY STRENGTHS AND TYPES:

LOCATION IN STRUCTURE	28 DAY STRENGTH	DENSITY
SUSPENDED SLABS ON DECK	4000	115
SLABS ON GRADE	4000	150
WALLS AND PIERS	4000	150
FOOTINGS	4000	150
EXPOSED INTERIOR TOPPING SLABS	5000	145

4. CLEAN AND ROUGHEN TO ¼" AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED. A MINIMUM OF 72 HOURS SHALL ELAPSE BETWEEN ADJACENT CONCRETE PLACEMENTS.
5. ALL CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH THE TYPICAL DETAILS SHOWN ON THE STRUCTURAL DRAWINGS AND ONLY AT APPROVED LOCATIONS.
6. REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60. REINFORCING TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 60.
7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND SHALL HAVE AN ULTIMATE TENSILE STRENGTH OF 70,000 PSI.
8. ALL REINFORCEMENT SHALL BE DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI 315 DETAILING MANUAL
9. ALL REINFORCING STEEL SHALL BE SECURELY HELD IN PROPER POSITION WHILE POURING CONCRETE. IF REQUIRED, ADDITIONAL BARS AND STIRRUPS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT TO THE REINFORCING STEEL.
10. ALL REINFORCING BARS MARKED CONTINUOUS SHALL BE SPLICED AT BAR DIAMETERS AT SPLICES, EXCEPT AS OTHERWISE SHOWN ON DRAWINGS. HOOK BARS AT NON-CONTINUOUS ENDS. LAP CONTINUOUS TOP BARS AT CENTER BETWEEN SUPPORTS AND CONTINUOUS BOTTOM BARS AT SUPPORTS.
11. PROVIDE CLEAR COVERAGE OF OUTER REINFORCEMENT AS FOLLOWS:

LOCATION IN STRUCTURE	CLEAR COVERAGE
SURFACE CAST AGAINST AND PERMANENTLY IN CONTACT WITH EARTH	3"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER:	
#5 BAR OR SMALLER	1½"
#6 BAR TO #18 BAR	2"
FORMED SLABS, WALLS AND JOISTS NOT EXPOSED TO EARTH OR WEATHER (#11 BAR OR SMALLER)	¾"
FORMED BEAMS AND COLUMNS NOT EXPOSED TO EARTH OR WEATHER	1½"

12. MINIMUM LAP OF WELDED WIRE FABRIC SHALL BE 6" OR ONE FULL MESH, WHICHEVER IS GREATER, AND SHALL BE WIRED TOGETHER.
13. NO CONCRETE SHALL BE POURED UNTIL ALL REINFORCEMENT AND INSTALLATIONS HAVE BEEN INSPECTED AND APPROVED BY THE OWNER'S TESTING AGENCY. THE CONTRACTOR SHALL NOTIFY THE OWNERS TESTING AGENCY 48 HOURS BEFORE POURING CONCRETE TO ALLOW FOR ALL NECESSARY INSPECTIONS.
14. FOR CONCRETE SURFACES WHICH ARE TO RECEIVE FINISHES REFER TO ARCHITECTS DRAWINGS.
15. CONTRACTOR SHALL SUBMIT REBAR SHOP DRAWINGS FOR ENGINEER'S APPROVAL.
16. ALL CONCRETE TO BE EXPOSED TO FREEZING TEMPERATURES SHALL BE AIR-ENTRAINED.
17. NO PIPES OR CONDUIT SHALL BE EMBEDDED IN THE STRUCTURAL CONCRETE FLOOR SLABS WITHOUT APPROVAL OF STRUCTURAL ENGINEER.
18. PROVIDE POCKETS IN WALLS TO RECEIVE BEAMS AND SLABS WHERE REQUIRED.
19. PROVIDE VAPOR BARRIER UNDER INTERIOR SLABS CAST ON GRADE.
20. ALL OPENING FOR ELECTRICAL AND TELEPHONE CONDUITS AND ALL PLUMBING SLOTS SHALL BE FILLED WITH CONCRETE TO SAME DEPTH AS FLOOR SLAB AFTER ALL CONDUITS AND PIPING HAVE BEEN INSTALLED.
21. CONCRETE CAST ON SLOPED SURFACES SHALL BEGIN AT THE LOWEST ELEVATION AND CONTINUE MONOLITHICALLY TOWARD THE HIGHER ELEVATION UNTIL THE INTENDED CAST IS COMPLETED.
22. ALL CONSTRUCTION JOINT KEYS SHALL BE CONTINUOUS AND AS SHOWN ON THE DRAWINGS. MINIMUM KEY SIZE TO BE 3½" WIDE BY 1½" DEEP.
23. VERTICAL CONSTRUCTION JOINTS MAY BE MADE AT MIDSPAN OR AT POINTS OF MINIMUM SHEAR IN BEAM OR SLAB WHERE STOP IN CONCRETE WORK IS NECESSARY. SEE TYPICAL DETAILS FOR ADDITIONAL REINFORCING REQUIREMENTS AT CONSTRUCTION JOINTS.
24. CONCRETE FOUNDATION WALLS SHALL BE POURED IN ALTERNATE SECTIONS. EACH POUR SHALL NOT EXCEED 35 FEET IN LENGTH. NO HORIZONTAL JOINTS SHALL BE PERMITTED EXCEPT WHERE SHOWN ON PLAN OR APPROVED BY THE STRUCTURAL ENGINEER. LAYOUT OF ALL CONSTRUCTION AND/OR OTHER JOINTS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR APPROVAL.
25. PROVIDE BAR SUPPORTS AND SPACERS WITH NON-CORROSIVE TIPS IN ACCORDANCE WITH ACI 315 FOR ALL REINFORCING INCLUDING WWF.
26. MECHANICAL SPLICES OR WELDED SPLICES ARE GENERALLY USED FOR BARS LARGER THAN #11 DIAMETER, HOWEVER THEY MAY BE USED FOR SMALLER BARS AT CONTRACTORS OPTION.
27. WHERE MECHANICAL SPLICES ARE USED, SPLICES SHALL BE STAGGERED 24 INCHES MINIMUM ALONG LONGITUDINAL AXIS OF MEMBER AND SHALL DEVELOP 125 PERCENT OF SPECIFIED YIELD STRENGTH IN TENSION OR COMPRESSION.
28. WELDING OF REINFORCING SHALL CONFORM TO "STRUCTURAL WELDING CODE - REINFORCING STEEL" AWS D1.4. WELDING STIRRUPS, TIES, INSERTS, OR OTHER SIMILAR ELEMENTS TO LONGITUDINAL REINFORCING SHALL NOT BE PERMITTED. FIELD WELDING OF CROSSING BARS IS NOT PERMITTED WITHOUT THE EXPRESS APPROVAL OF THE ENGINEER.

EXPANSION AND ADHESIVE ANCHOR

1. ALL EXPANSION ANCHORS SHALL BE HILTI KWIK BOLT TZ OR APPROVED EQUAL, UNLESS NOTED OTHERWISE. SUBSTITUTIONS SHALL HAVE A CURRENT ICC EVALUATION REPORT.
2. ALL ADHESIVE ANCHORS SHALL BE THE HILTI HY 200 SYSTEM OR APPROVED EQUAL, UNLESS NOTED OTHERWISE. SUBSTITUTIONS SHALL HAVE A CURRENT ICC EVALUATION REPORT.
3. CONCRETE SHALL ATTAIN MINIMUM DESIGN STRENGTH PRIOR TO INSTALLATION OF THE ANCHORS.
4. INSTALL ANCHORS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND THE INSTRUCTIONS LISTED IN THE ICC REPORT.
5. PRIOR TO ALL EXPANSION ANCHOR DRILLING OPERATIONS IN CONCRETE OR MASONRY, THE CONTRACTOR SHALL LOCATE REINFORCEMENT BY NON-DESTRUCTIVE METHODS. NO REINFORCEMENT SHALL BE DAMAGED BY DRILLING OPERATIONS.
6. THE OWNER SHALL TEST TWENTY-FIVE PERCENT OF EACH GROUP OF ANCHORS USED FOR STRUCTURAL APPLICATIONS FOR THE FULL ALLOWABLE PULLOUT CAPACITY LISTED BY THE MANUFACTURER. IF HALF OF THE TESTED ANCHORS IN A GROUP FAIL THEN ALL OF THE ANCHORS IN THAT GROUP SHALL BE TESTED.

METAL DECK AND SHEAR CONNECTOR

1. ALL METAL DECK SHALL CONFORM TO THE REQUIREMENTS OF THESE NOTES, THE SPECIFICATIONS AND THE MASSACHUSETTS BUILDING CODE, 9TH EDITION.
2. STEEL DECK AND SHEAR CONNECTOR WORK SHALL CONFORM TO THE "SPECIFICATIONS FOR DESIGN OF LIGHT GAGE COLD-FORMED STEEL STRUCTURAL MEMBERS (AISI)"; "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC)"; "STRUCTURAL WELDING CODE-STEEL (AWS D1.1-LATEST EDITION)"; AND "STRUCTURAL WELDING CODE - SHEET STEEL (AWS D1.3-LATEST EDITION.)"
3. MINIMUM BEARING OF DECKING ON STEEL TO BE 2 INCHES.
4. STEEL DECK CROSS SECTIONS ARE ONLY REPRESENTED DIAGRAMMATICALLY ON THE DRAWINGS.
5. UNITS TO BE FASTENED TO ALL STEEL OVER WHICH THEY ARE PLACED WITH ¼" DIAMETER PUDDLE WELDS. PUDDLE WELDS TO BE PLACED AT EACH RIB, OR AT 12" O/C, DEPENDING ON THE ORIENTATION OF THE DECK RELATIVE TO THE BEAMS. DECREASE WELD SPACING TO 6" O.C. FOR ROOF DECK WITHIN 4'-0" OF THE BUILDING PERIMETER.
6. SIDE LAPS BETWEEN ADJACENT DECK UNITS SHALL BE FASTENED BY #10 SCREW AT 36 INCHES O/C.
7. PROVIDE FLASHING AND CLOSURE PLATES AT ENDS OF ALL UNITS, AT SLAB OPENINGS, AND AROUND COLUMNS. ALL JOINTS TO BE GROUT TIGHT.
8. PROVIDE MISCELLANEOUS STEEL AT COLUMNS TO SUPPORT DISCONTINUOUS DECK AS REQUIRED.
9. FABRICATE DECK UNIT IN LENGTHS TO SPAN 3 OR MORE SUPPORTS WHERE POSSIBLE.
10. STEEL DECK PANEL SHALL BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM A653 (GALV.), GRADE 33, WITH A MINIMUM YIELD POINT OF 33,000 PSI. ASTM A570/A1011 (UNGALVI), GRADE 33, OR ASTM A611/A1008 (UNGALVI), GRADE C, WITH A MINIMUM YIELD POINT OF 33,000 PSI AND A THICKNESS NOT THINNER THAN 20 GAGE.
11. SHEAR CONNECTORS SHALL CONFORM TO ASTM A108, GRADES 1010, 1015, 1017 OR 1020. TYPICALLY SHEAR CONNECTORS SHALL BE ¾" DIAMETER X 4½" LONG HEADED STUDS. IN NO CASE SHALL SHEAR CONNECTORS BE LESS THAN 1½" ABOVE STEEL DECK.
12. SHEAR CONNECTORS SHALL BE EQUALLY SPACED OVER THE LENGTH OF THE BEAM. WHERE THE NUMBER OF DECK CORRUGATIONS AVAILABLE IS LESS THAN THE NUMBER OF SHEAR CONNECTORS, USE PAIRS OF SHEAR CONNECTORS STARTING FROM EACH END OF BEAM AND CONTINUING TOWARD THE CENTER UNTIL IT IS POSSIBLE TO RETURN TO A SINGLE SHEAR CONNECTOR IN EACH CORRUGATION. SHEAR CONNECTORS SHALL BE SPACED NOT CLOSER THAN 3" TRANSVERSELY AND 4" LONGITUDINALLY.
13. HORIZONTAL CLEARANCE SHALL BE A MINIMUM OF 1" FROM THE EDGE OF ANY SHEAR CONNECTOR TO THE FACE OF CONCRETE, STEEL DECK RIB, OR SIMILAR ADJACENCY.
14. EDGE DISTANCE FROM THE CENTER OF A SHEAR CONNECTOR TO THE EDGE OF A STRUCTURAL STEEL BEAM SHALL PREFERABLY BE 2", BUT IN NO CASE LESS THAN 1½".
15. WHERE BOLTS OR MISCELLANEOUS STEEL BREAKS THE PLANE OF THE BOTTOM OF THE DECK RESULTING IN UNEVEN BEARING, SHOP DRAWING SHALL PROVIDE A DETAIL OR INSTRUCTIONS OF PROPOSED SOLUTION SO DECK CAN LAY FLAT.

CONCRETE BLOCK MASONRY

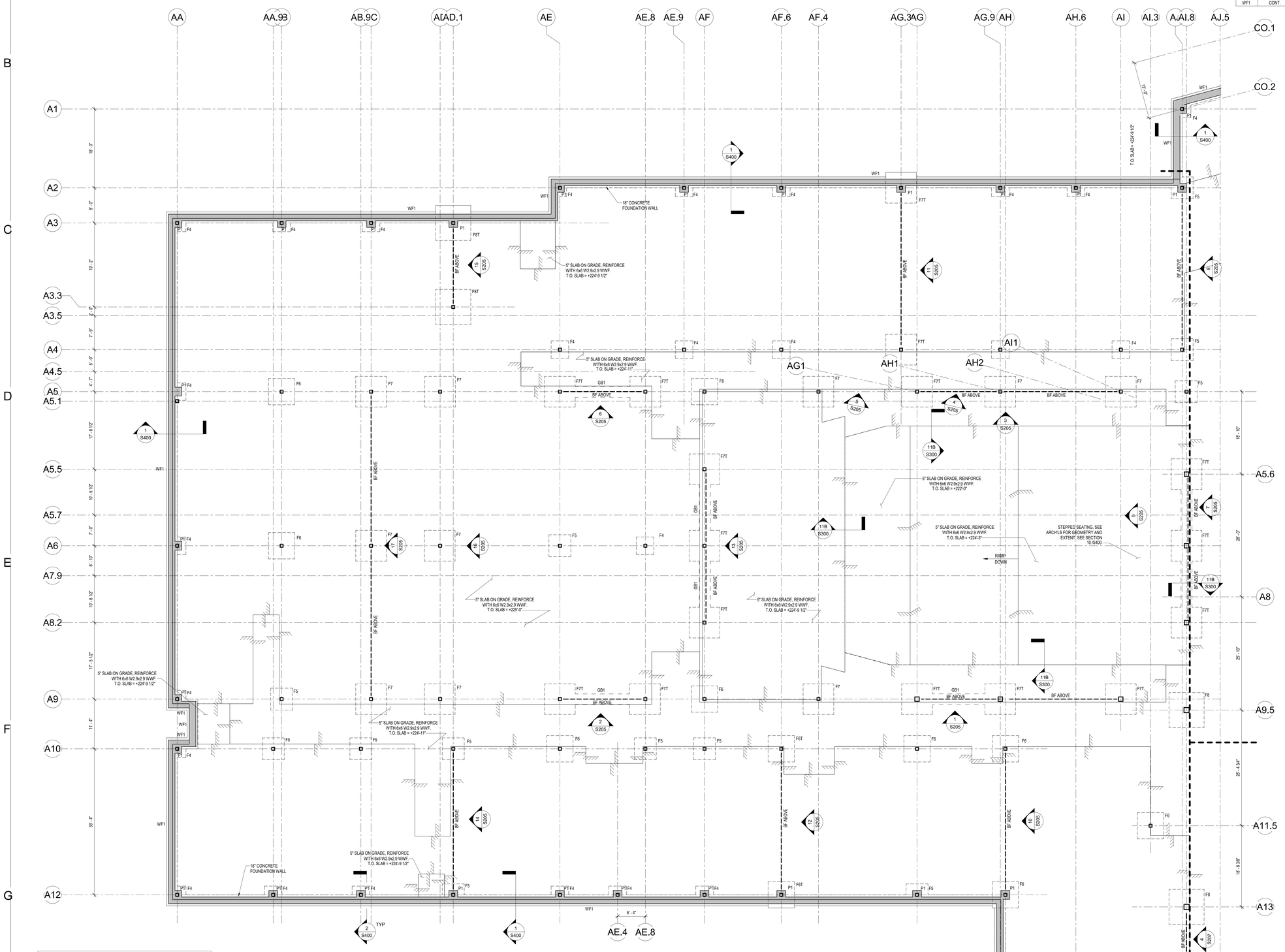
1. MASONRY WORK SHALL CONFORM TO THE REQUIREMENTS OF THESE NOTES, THE SPECIFICATIONS, LATEST EDITION ACI 530 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, AND THE MASSACHUSETTS BUILDING CODE, 9TH EDITION.
2. CONCRETE BLOCK TO BE NORMAL WEIGHT HOLLOW BLOCK ASTM C90 TYPE 1 GRADE N. NOMINAL 8" TALL X 16" LONG.
3. MORTAR TO BE ASTM C270 TYPE M OR S. ADMIXTURES ARE NOT ALLOWED.
4. GROUT TO CONFORM TO ASTM C476, FINE OR COURSE, WITH A MINIMUM STRENGTH OF 3000 PSI.
5. NET AREA COMPRESSIVE STRENGTH OF MASONRY, f'm, TO BE 2000 PSI UNO, CONSTRUCTED FROM 2000 PSI CMU AND TYPE "M" OR "S" MORTAR.
6. REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
7. JOINT REINFORCEMENT SHALL BE MANUFACTURED WIRE CONFORMING TO ASTM A82.
8. SEE THE ARCHITECTURAL DRAWINGS FOR NON-LOAD BEARING MASONRY PARTITIONS.
9. SEE SPECIFICATIONS FOR FILL AND INSPECTION REQUIREMENTS.
10. FILL ALL EXPANSION AND CONTROL JOINTS WITH CLOSED CELL NEOPRENE CONFORMING TO ASTM D1056 CLASS RE41 WITH 50% COMPRESSION.
11. REINFORCED MASONRY WALLS SHALL HAVE BOND BEAMS AT EACH FLOOR LEVEL, THE TOP COURSE OF PARAPETS, AND ELSEWHERE AS SHOWN. BOND BEAM REINFORCING SHALL BE EXTENDED INTO AND BE CONTINUOUS WITH ALL INTERSECTION BOND BEAMS. PROVIDE 2-#5 CONTINUOUS HORIZONTAL BARS MINIMUM IN BOND BEAMS AND FILL CONTINUOUSLY WITH GROUT.
12. MASONRY OPENINGS FOR MORE THAN 16" WIDE REQUIRE APPROVED LINTELS.
13. PROVIDE AND INSTALL LINTELS FOR OPENINGS IN ACCORDANCE WITH THE LOOSE LINTEL SCHEDULE. SEE 055000 SPEC SECTION
14. FOR WALLS LARGER THAN THE ABOVE THICKNESSES USE MULTIPLES OF THE ABOVE PIECES. LINTELS SHALL BEAR 8" MINIMUM AT BOTH ENDS. LONG LEGS SHALL BE VERTICAL. WHERE LINTEL ABUTS A COLUMN OR WALL PROVIDE CONNECTION TO SUCH. SUBMIT SHOP DRAWINGS OF CONNECTION DETAIL FOR APPROVAL.
15. BEAMS BEARING ON CMU WALLS SHALL HAVE BEARING PLATES OF SUFFICIENT SIZE TO DEVELOP THE MAXIMUM END REACTION OF THE BEAM. FILL CORES OF CONCRETE BLOCKS UNDER ALL BEARING PLATES WITH CONCRETE FOR A WIDTH EQUAL TO 3 TIMES THE BEARING PLATE LENGTH.
16. PROVIDE 1-#5 VERTICAL REINFORCING AT 32" O.C., UNO. THIS REINFORCING SHALL BE CONTINUOUS FOR THE FULL HEIGHT OF THE WALL, AND SPLICED 2'-0" ABOVE EACH FLOOR LEVEL.
17. REINFORCED MASONRY WALLS SHALL HAVE #9 GA LONGITUDINAL WIRES, LADDER OR TRUSS TYPE, AT 16 INCHES O.C. HORIZONTAL REINFORCEMENT, UNO.
18. MASONRY BLOCK CELLS CONTAINING VERTICAL REINFORCING SHALL BE GROUTED SOLID. FILLING CELL WITH MORTAR IS NOT ACCEPTABLE.
19. ALL CMU BELOW GRADE SHALL BE GROUTED SOLID.
20. OPENINGS, INCLUDING SEPARATE HORIZONTALLY-STAGGERED OPENINGS, IN NON-LOAD BEARING CMU WALLS TO INTERRUPT NO GREATER THAN ONE VERTICAL REINFORCEMENT BAR FOR EVERY 8 FEET IN LENGTH OF WALL. IN INSTANCES WHERE OPENINGS ARE GREATER THAN 4 FEET IN WIDTH, PROVIDE VERTICAL REINFORCEMENT AT EDGES OF OPENINGS PER TYPICAL DETAIL. DO NOT PLACE OPENINGS AT CELLS WHERE VERTICAL REINFORCEMENT RUNS AT ENDS OR CORNERS OF WALLS OR WHERE ANY HORIZONTAL REINFORCEMENT RUNS AT BOND BEAMS AT TOP AND BOTTOM OF WALLS. NOTIFY ENGINEER IF THESE PROPOSED OPENINGS DO NOT MEET THESE CRITERIA.

STRUCTURAL STEEL

1. STRUCTURAL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF THESE NOTES, THE SPECIFICATIONS, AND THE MASSACHUSETTS BUILDING CODE, 9TH EDITION.
2. STRUCTURAL STEEL WORK SHALL CONFORM TO "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 2010)", "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS & BRIDGES (AISC 2010)", AND "STRUCTURAL WELDING CODE - STEEL (AWS D1.1-04)"
3. STRUCTURAL STEEL SHALL BE DETAILED IN ACCORDANCE WITH "DETAILING FOR STEEL CONSTRUCTION (AISC)" AND, WHERE REQUIRED, DESIGNED IN ACCORDANCE WITH THE CITED REFERENCES.
4. STRUCTURAL STEEL SHALL BE THE FOLLOWING GRADES:

WIDE FLANGE ROLLED SHAPES	ASTM A992 GRADE 50
ANGLES, CHANNELS, PLATES AND BARS	ASTM A36
STEEL PIPE	ASTM A53 TYPE S GRADE B FY=35 KSI
ANCHOR RODS	ASTM F1554 GRADE 36 UNO
HIGH STRENGTH BOLTS	ASTM A325 OR A490
RECTANGULAR HSS	ASTM A500 GRADE B FY=46 KSI
ROUND HSS	ASTM A500 GRADE B FY=42 KSI

5. THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL ENGINEER LICENSED IN MASSACHUSETTS TO SUPERVISE THE DESIGN OF ALL STEEL CONNECTIONS NOT SPECIFICALLY CALLED OUT AS FULLY DESIGNED ON THE STRUCTURAL DRAWINGS. SEE THE SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS.
6. BOLTED CONNECTIONS SHALL BE AS FOLLOWS:
   a. 3/4 INCH MINIMUM BOLT DIAMETER, TWO BOLTS MINIMUM
   b. STANDARD, OVERSIZED, OR HORIZONTAL SHORT SLOTTED HOLES IN WEBS OF BEAMS
   c. SHEAR CONNECTIONS FOR MOMENT CONNECT



FOUNDATION PLAN - A WING 1
1/8" = 1'-0"

FOOTING SCHEDULE

MARK	FOOTING LENGTH	FOOTING WIDTH	FOOTING DEPTH	REINFORCEMENT
F4	4' - 0"	4' - 0"	1' - 0"	(5)#5 BOTTOM, EACH WAY
F5	5' - 0"	5' - 0"	1' - 0"	(6)#5 BOTTOM, EACH WAY
F6	6' - 0"	6' - 0"	1' - 3"	(7)#6 BOTTOM, EACH WAY
F6T	6' - 0"	6' - 0"	1' - 3"	(7)#6 TOP & BOTTOM, EACH WAY
F7	7' - 0"	7' - 0"	1' - 6"	(8)#6 BOTTOM, EACH WAY
F7T	7' - 0"	7' - 0"	1' - 6"	(8)#6 TOP & BOTTOM, EACH WAY
F8	8' - 0"	8' - 0"	1' - 9"	(9)#7 BOTTOM, EACH WAY
F8T	8' - 0"	8' - 0"	1' - 9"	(9)#7 TOOP & BOTTOM, EACH WAY
F9	9' - 0"	9' - 0"	2' - 0"	(10)#7 BOTTOM, EACH WAY
F10T	10' - 0"	10' - 0"	2' - 3"	(11)#7 TOP & BOTTOM, EACH WAY
F11T	11' - 0"	11' - 0"	2' - 6"	(13)#7 TOP & BOTTOM, EACH WAY
WF1	CONT.	2' - 6"	1' - 0"	(3)#5 BOTTOM, LONG WAY, #4@12" O.C. BOTTOM,TRANSVERSE

CONCRETE PILASTER SCHEDULE

MARK	LENGTH	WIDTH	VERTICAL REINFORCEMENT	TIE REINFORCEMENT
P1	2' - 0"	2' - 0"	(16)#6 BARS	#4@12"

CONCRETE STRAP GRADE BEAM SCHEDULE

MARK	BEAM WIDTH	BEAM DEPTH	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	TRANSVERSE
GB1	2' - 6"	1' - 6"	(7)#8 BARS	(7)#8 BARS	#4@12" O.C.

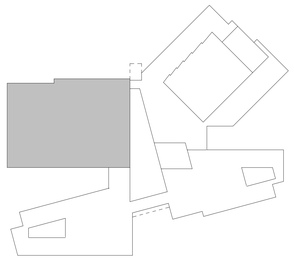
LEGEND:

BF ABOVE — INDICATES BRACED FRAME ABOVE

INDICATES STEPPED SLAB

NOTES:

1. ASSUMED ALLOWABLE SOIL BEARING CAPACITY = 4000 PSF
2. BOTTOM OF EXTERIOR FOOTINGS TO BE 4'-0" BELOW EXTERIOR GRADE
3. TOP OF INTERIOR FOOTINGS TO BE 1'-0" BELOW TOP OF SLAB ON GRADE



KEY PLAN - A WING
1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
63 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-9200
FAX: (617) 926-9201
www.rseassociates.com

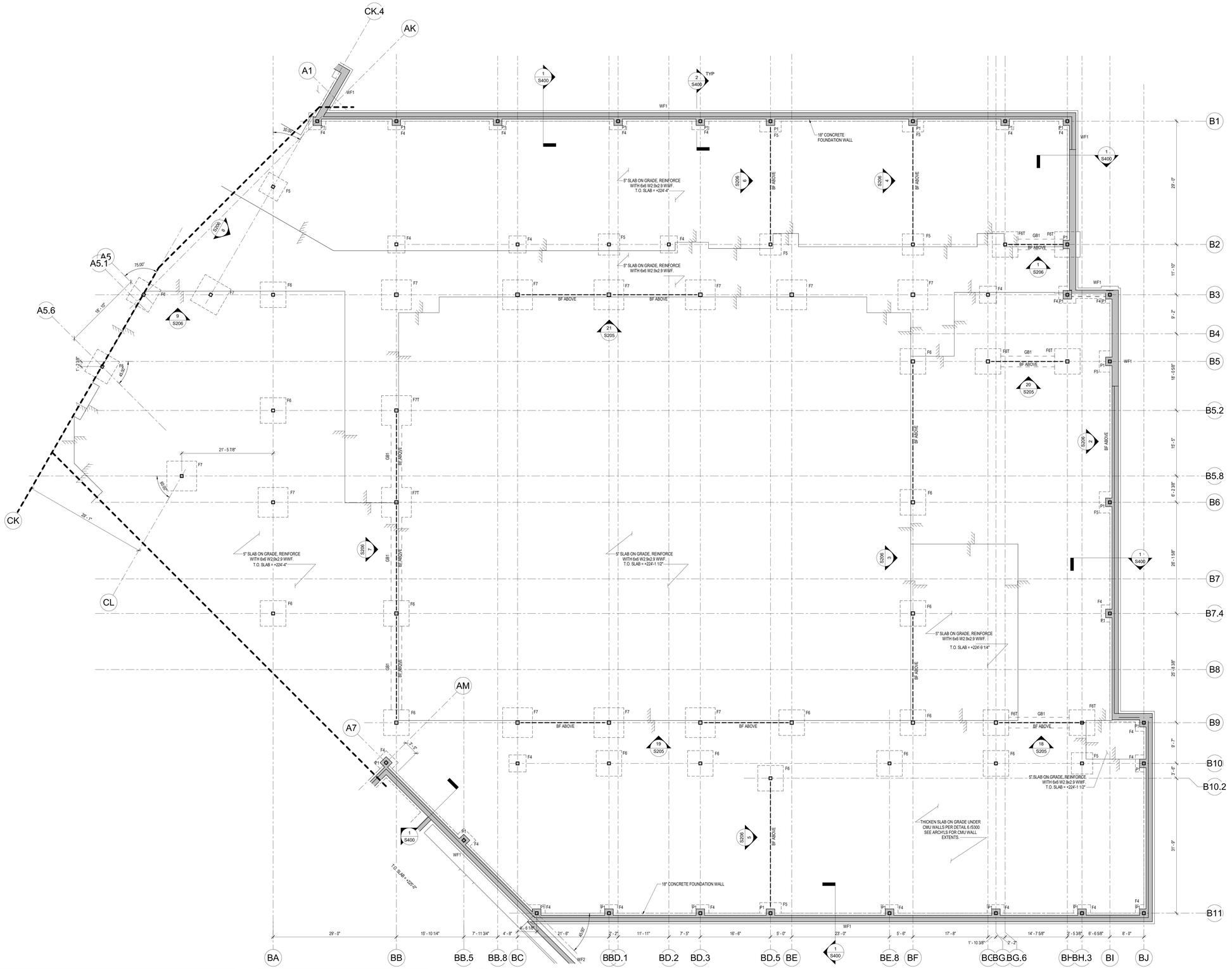
FOUNDATION PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S101.1



FOOTING SCHEDULE

MARK	FOOTING LENGTH	FOOTING WIDTH	FOOTING DEPTH	REINFORCEMENT
F4	4' - 0"	4' - 0"	1' - 0"	(5)#5 BOTTOM, EACH WAY
F5	5' - 0"	5' - 0"	1' - 0"	(6)#5 BOTTOM, EACH WAY
F6	6' - 0"	6' - 0"	1' - 3"	(7)#6 BOTTOM, EACH WAY
F6T	6' - 0"	6' - 0"	1' - 3"	(7)#6 TOP & BOTTOM, EACH WAY
F7	7' - 0"	7' - 0"	1' - 6"	(6)#6 BOTTOM, EACH WAY
F7T	7' - 0"	7' - 0"	1' - 6"	(8)#6 TOP & BOTTOM, EACH WAY
F8	8' - 0"	8' - 0"	1' - 9"	(9)#7 BOTTOM, EACH WAY
F8T	8' - 0"	8' - 0"	1' - 9"	(9)#7 TOOP & BOTTOM, EACH WAY
F9	9' - 0"	9' - 0"	2' - 0"	(10)#7 BOTTOM, EACH WAY
F10T	10' - 0"	10' - 0"	2' - 3"	(11)#7 TOP & BOTTOM, EACH WAY
F11T	11' - 0"	11' - 0"	2' - 6"	(13)#7 TOP & BOTTOM, EACH WAY
WF1	CONT.	2' - 6"	1' - 0"	(3)#5 BOTTOM, LONG WAY, #4@12" O.C. BOTTOM,TRANSVERSE

CONCRETE PILASTER SCHEDULE

MARK	LENGTH	WIDTH	VERTICAL REINFORCEMENT	TIE REINFORCEMENT
P1	2' - 0"	2' - 0"	(16)#6 BARS	#4@12"

CONCRETE STRAP GRADE BEAM SCHEDULE

MARK	BEAM WIDTH	BEAM DEPTH	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	TRANSVERSE
GB1	2' - 6"	1' - 6"	(7)#8 BARS	(7)#8 BARS	#4@12" O.C.

LEGEND:

BF ABOVE — INDICATES BRACED FRAME ABOVE

INDICATES STEPPED SLAB

NOTES:

1. ASSUMED ALLOWABLE SOIL BEARING CAPACITY = 4000 PSF
2. BOTTOM OF EXTERIOR FOOTINGS TO BE 4'-0" BELOW EXTERIOR GRADE
3. TOP OF INTERIOR FOOTINGS TO BE 1'-0" BELOW TOP OF SLAB ON GRADE

FOUNDATION PLAN - B WING 1
1/8" = 1'-0"

KEY PLAN - B WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
PH. (617) 926-9440
FAX. (617) 926-9301
www.rseassociates.com

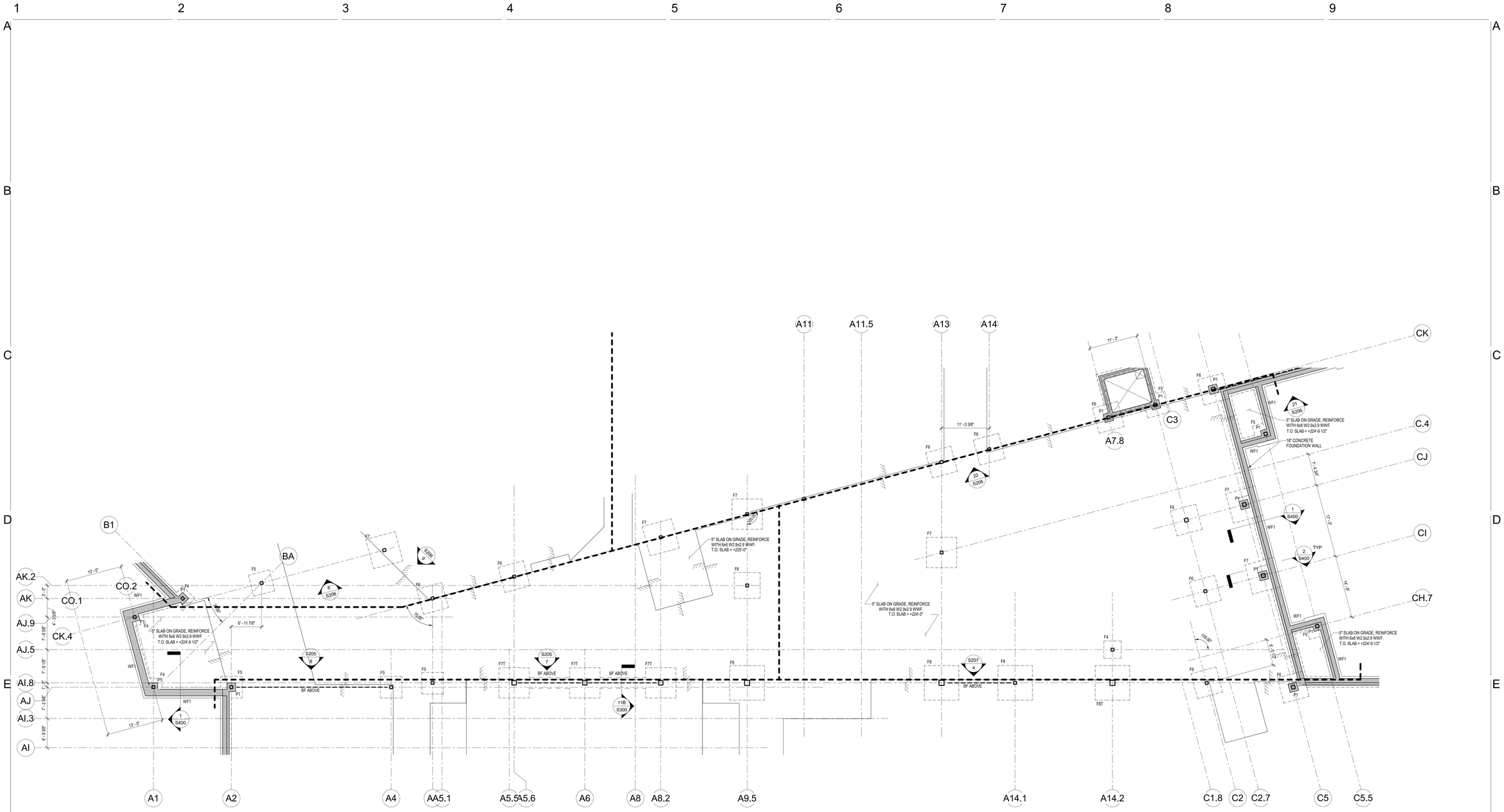
FOUNDATION PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

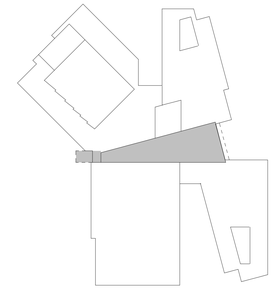
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S101.2



FOUNDATION PLAN - C SPINE 1
1/8" = 1'-0"



KEY PLAN - C SPINE

FOOTING SCHEDULE

MARK	FOOTING LENGTH	FOOTING WIDTH	FOOTING DEPTH	REINFORCEMENT
F4	4' - 0"	4' - 0"	1' - 0"	(5)#5 BOTTOM, EACH WAY
F5	5' - 0"	5' - 0"	1' - 0"	(6)#5 BOTTOM, EACH WAY
F6	6' - 0"	6' - 0"	1' - 3"	(7)#6 BOTTOM, EACH WAY
F6T	6' - 0"	6' - 0"	1' - 3"	(7)#6 TOP & BOTTOM, EACH WAY
F7	7' - 0"	7' - 0"	1' - 6"	(8)#6 BOTTOM, EACH WAY
F7T	7' - 0"	7' - 0"	1' - 6"	(8)#6 TOP & BOTTOM, EACH WAY
F8	8' - 0"	8' - 0"	1' - 9"	(9)#7 BOTTOM, EACH WAY
F8T	8' - 0"	8' - 0"	1' - 9"	(9)#7 TOOP & BOTTOM, EACH WAY
F9	9' - 0"	9' - 0"	2' - 0"	(10)#7 BOTTOM, EACH WAY
F10T	10' - 0"	10' - 0"	2' - 3"	(11)#7 TOP & BOTTOM, EACH WAY
F11T	11' - 0"	11' - 0"	2' - 6"	(13)#7 TOP & BOTTOM, EACH WAY
WF1	CONT.	2' - 6"	1' - 0"	(3)#5 BOTTOM, LONG WAY, #4@12" O.C. BOTTOM,TRANSVERSE

CONCRETE PILASTER SCHEDULE

MARK	LENGTH	WIDTH	VERTICAL REINFORCEMENT	TIE REINFORCEMENT
P1	2' - 0"	2' - 0"	(16)#6 BARS	#4@12"

CONCRETE STRAP GRADE BEAM SCHEDULE

MARK	BEAM WIDTH	BEAM DEPTH	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	TRANSVERSE
GB1	2' - 6"	1' - 6"	(7)#8 BARS	(7)#8 BARS	#4@12" O.C.

LEGEND:

BF ABOVE — INDICATES BRACED FRAME ABOVE

INDICATES STEPPED SLAB

NOTES:

1. ASSUMED ALLOWABLE SOIL BEARING CAPACITY = 4000 PSF
2. BOTTOM OF EXTERIOR FOOTINGS TO BE 4'-0" BELOW EXTERIOR GRADE
3. TOP OF INTERIOR FOOTINGS TO BE 1'-0" BELOW TOP OF SLAB ON GRADE

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
63 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-9200
FAX: (617) 926-9201
www.rseassociates.com

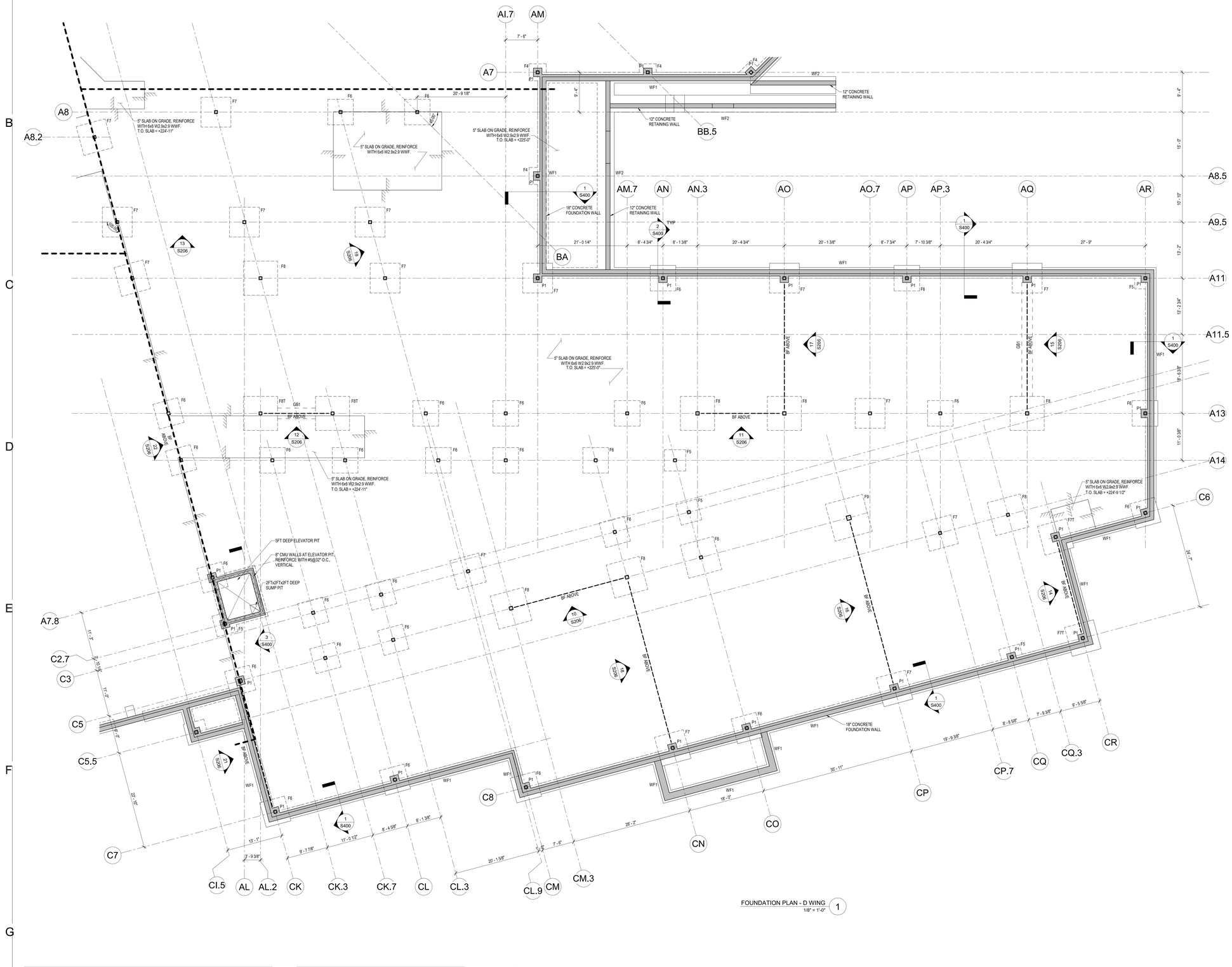
FOUNDATION PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S101.3



FOOTING SCHEDULE

MARK	FOOTING LENGTH	FOOTING WIDTH	FOOTING DEPTH	REINFORCEMENT
F4	4' - 0"	4' - 0"	1' - 0"	(5)-#5 BOTTOM, EACH WAY
F5	5' - 0"	5' - 0"	1' - 0"	(6)-#5 BOTTOM, EACH WAY
F6	6' - 0"	6' - 0"	1' - 3"	(7)-#6 BOTTOM, EACH WAY
F6T	6' - 0"	6' - 0"	1' - 3"	(7)-#6 TOP & BOTTOM, EACH WAY
F7	7' - 0"	7' - 0"	1' - 6"	(8)-#6 BOTTOM, EACH WAY
F7T	7' - 0"	7' - 0"	1' - 6"	(8)-#6 TOP & BOTTOM, EACH WAY
F8	8' - 0"	8' - 0"	1' - 9"	(9)-#7 BOTTOM, EACH WAY
F8T	8' - 0"	8' - 0"	1' - 9"	(9)-#7 TOOP & BOTTOM, EACH WAY
F9	9' - 0"	9' - 0"	2' - 0"	(10)-#7 BOTTOM, EACH WAY
F10T	10' - 0"	10' - 0"	2' - 3"	(11)-#7 TOP & BOTTOM, EACH WAY
F11T	11' - 0"	11' - 0"	2' - 6"	(13)-#7 TOP & BOTTOM, EACH WAY
WF1	CONT.	2' - 6"	1' - 0"	(3)-#5 BOTTOM, LONG WAY, #4@12" O.C. BOTTOM,TRANSVERSE
WF2	CONT.	4' - 0"	1' - 0"	(4)-#5 TOP & BOTTOM, LONG WAY, #5@12" O.C. TOP & BOTTOM,TRANSVERSE

CONCRETE PILASTER SCHEDULE

MARK	LENGTH	WIDTH	VERTICAL REINFORCEMENT	TIE REINFORCEMENT
P1	2' - 0"	2' - 0"	(16)-#6 BARS	#4@12"

CONCRETE STRAP GRADE BEAM SCHEDULE

MARK	BEAM WIDTH	BEAM DEPTH	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	TRANSVERSE
GB1	2' - 6"	1' - 6"	(7)-#8 BARS	(7)-#8 BARS	#4@12" O.C.

LEGEND:

BF ABOVE — INDICATES BRACED FRAME ABOVE

INDICATES STEPPED SLAB

NOTES:

1. ASSUMED ALLOWABLE SOIL BEARING CAPACITY = 4000 PSF
2. BOTTOM OF EXTERIOR FOOTINGS TO BE 4'-0" BELOW EXTERIOR GRADE
3. TOP OF INTERIOR FOOTINGS TO BE 1'-0" BELOW TOP OF SLAB ON GRADE

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
PHONE: (617) 924-1770
FAX: (617) 926-0243
www.rseassociates.com

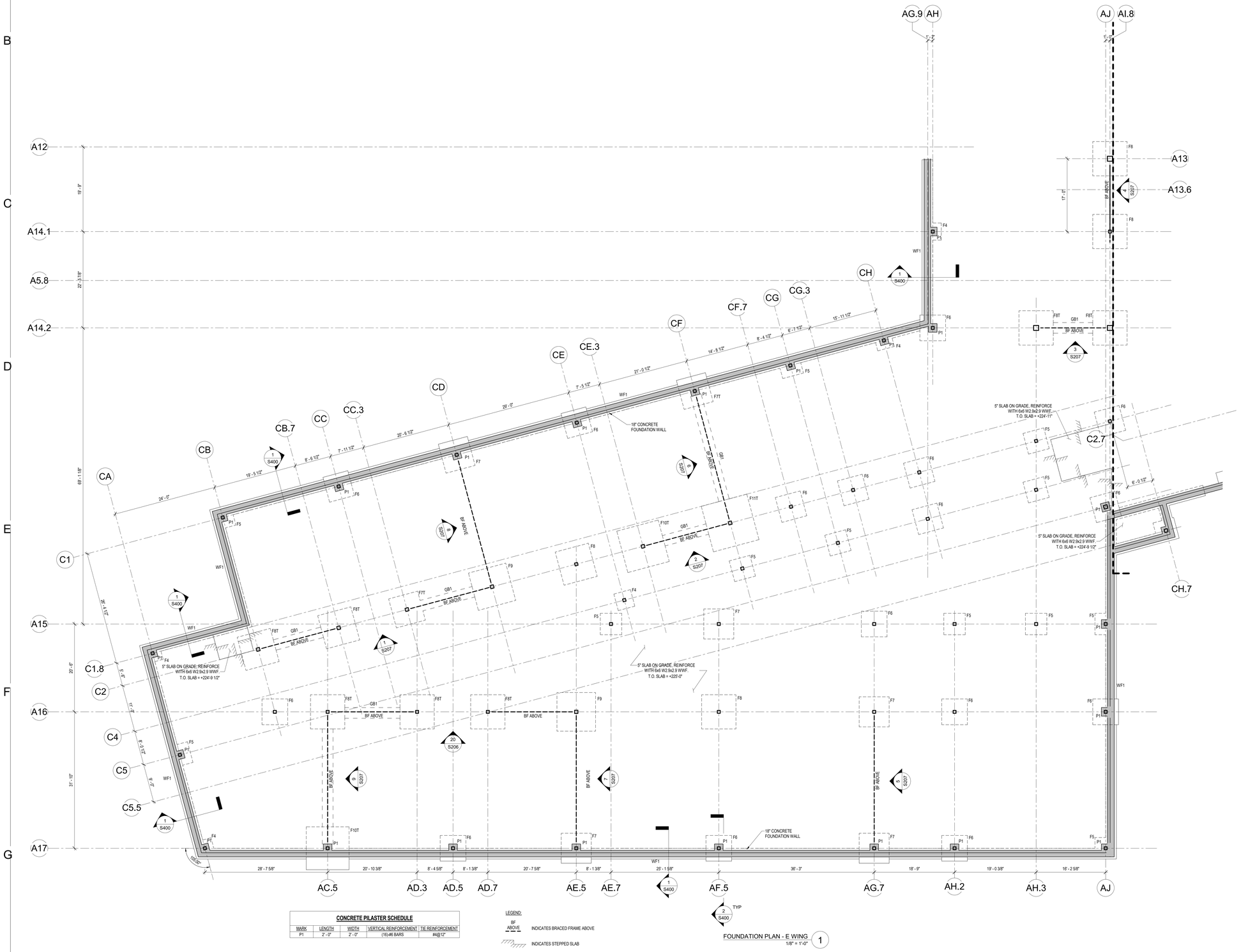
FOUNDATION PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S101.4



FOOTING SCHEDULE

MARK	FOOTING LENGTH	FOOTING WIDTH	FOOTING DEPTH	REINFORCEMENT
F4	4' - 0"	4' - 0"	1' - 0"	(5)#5 BOTTOM, EACH WAY
F5	5' - 0"	5' - 0"	1' - 0"	(6)#5 BOTTOM, EACH WAY
F6	6' - 0"	6' - 0"	1' - 3"	(7)#6 BOTTOM, EACH WAY
F6T	6' - 0"	6' - 0"	1' - 3"	(7)#6 TOP & BOTTOM, EACH WAY
F7	7' - 0"	7' - 0"	1' - 6"	(8)#6 BOTTOM, EACH WAY
F7T	7' - 0"	7' - 0"	1' - 6"	(8)#6 TOP & BOTTOM, EACH WAY
F8	8' - 0"	8' - 0"	1' - 9"	(9)#7 BOTTOM, EACH WAY
F8T	8' - 0"	8' - 0"	1' - 9"	(9)#7 TOOP & BOTTOM, EACH WAY
F9	9' - 0"	9' - 0"	2' - 0"	(10)#7 BOTTOM, EACH WAY
F10T	10' - 0"	10' - 0"	2' - 3"	(11)#7 TOP & BOTTOM, EACH WAY
F11T	11' - 0"	11' - 0"	2' - 6"	(13)#7 TOP & BOTTOM, EACH WAY
WF1	CONT.	2' - 6"	1' - 0"	(3)#5 BOTTOM, LONG WAY, #4@12" O.C. BOTTOM,TRANSVERSE

CONCRETE PILASTER SCHEDULE

MARK	LENGTH	WIDTH	VERTICAL REINFORCEMENT	TIE REINFORCEMENT
P1	2' - 0"	2' - 0"	(16)#6 BARS	#4@12"

CONCRETE STRAP GRADE BEAM SCHEDULE

MARK	BEAM WIDTH	BEAM DEPTH	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	TRANSVERSE
GB1	2' - 6"	1' - 6"	(7)#8 BARS	(7)#8 BARS	#4@12" O.C.

LEGEND:

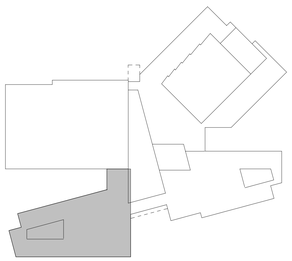
BF ABOVE — INDICATES BRACED FRAME ABOVE

INDICATES STEPPED SLAB

NOTES:

1. ASSUMED ALLOWABLE SOIL BEARING CAPACITY = 4000 PSF
2. BOTTOM OF EXTERIOR FOOTINGS TO BE 4'-0" BELOW EXTERIOR GRADE
3. TOP OF INTERIOR FOOTINGS TO BE 1'-0" BELOW TOP OF SLAB ON GRADE

FOUNDATION PLAN - E WING 1
1/8" = 1'-0"



KEY PLAN - E WING

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
63 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-9200
FAX: (617) 926-9201
www.rseassociates.com

FOUNDATION PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S101.5



LEVEL 2 FRAMING PLAN - A WING 1
1/8" = 1'-0"

LEGEND:

6.25"	INDICATES SPAN DIRECTION OF 3½" LWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6½".
R3	INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
6" NWT	INDICATES SPAN DIRECTION OF 3" NWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6".
BF	INDICATES BRACED FRAME
CANT	INDICATES CANTILEVERED STEEL BEAM
	INDICATES MOMENT CONNECTION
(#)	INDICATES NUMBER OF ½"Ø x 4½" LONG HEADED SHEAR STUDS UNIFORMLY SPACED ON BEAM. UNLESS INDICATED, PROVIDE 1 STUD EVERY 1 FOOT AT BEAMS SUPPORTING SLAB ON METAL DECK.
PU	INDICATES HSS7x7x1/2 H-D GALVANIZED MECHANICAL SCREEN POST UP
CU CD	INDICATES COLUMN UP OR COLUMN DOWN RESPECTIVELY
HU HD	INDICATES HANGING COLUMN UP OR HANGING COLUMN DOWN RESPECTIVELY

NOTES:

1. T.O. CONCRETE SLAB ON DECK = 240'-4", UNO
2. T.O. ROOF DECK = 240'-7", UNO
3. T.O. STEEL AT CONCRETE SLAB ON DECK = 239'-9½" , UNO IN PLAN THUS [+/-X"]
4. T.O. STEEL AT ROOF DECK = 240'-4" , UNO IN PLAN THUS [+/-X"]

KEY PLAN - A WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
65 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-9200
FAX: (617) 926-9201
www.rseassociates.com

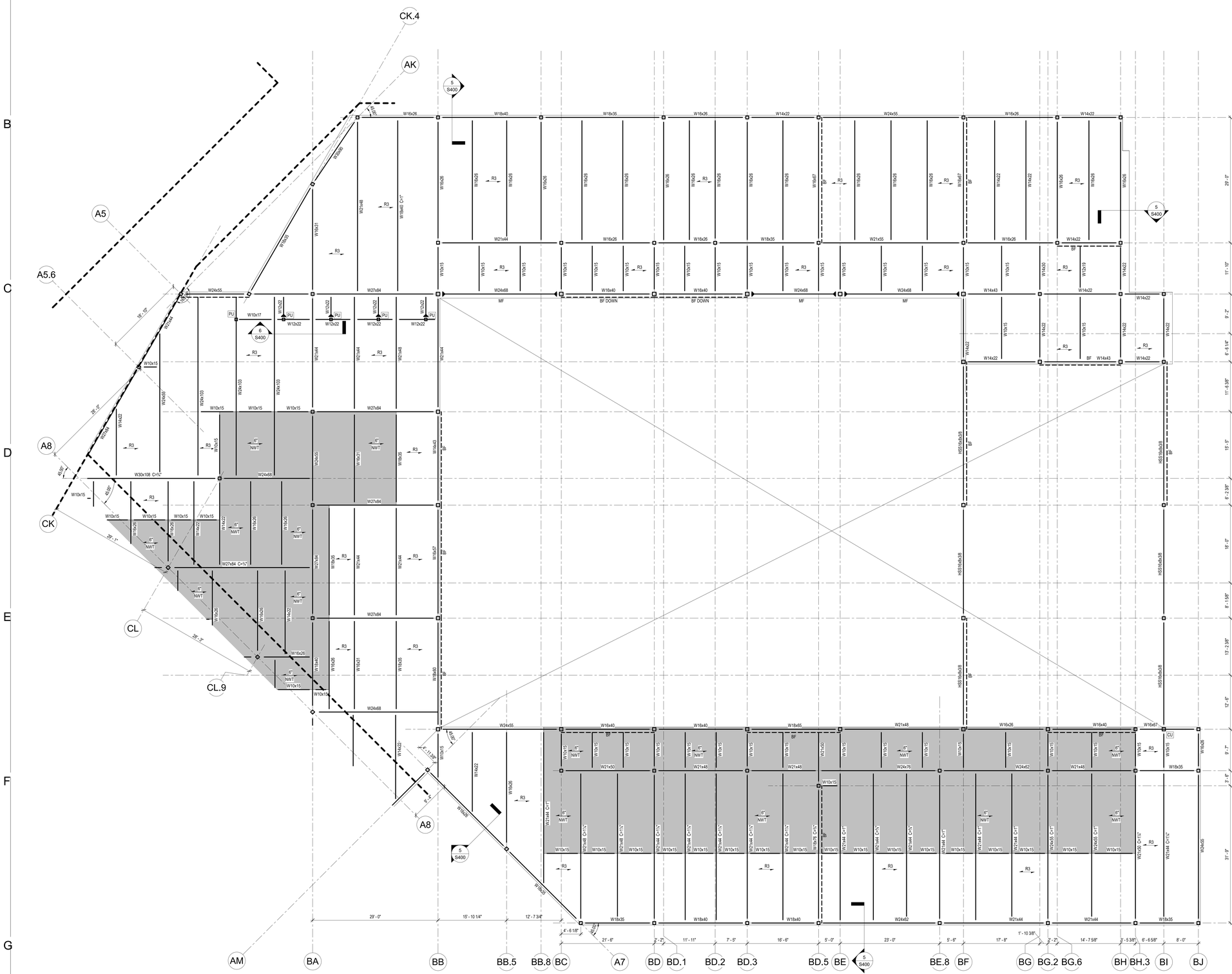
SECOND FLOOR FRAMING PLAN - A WING

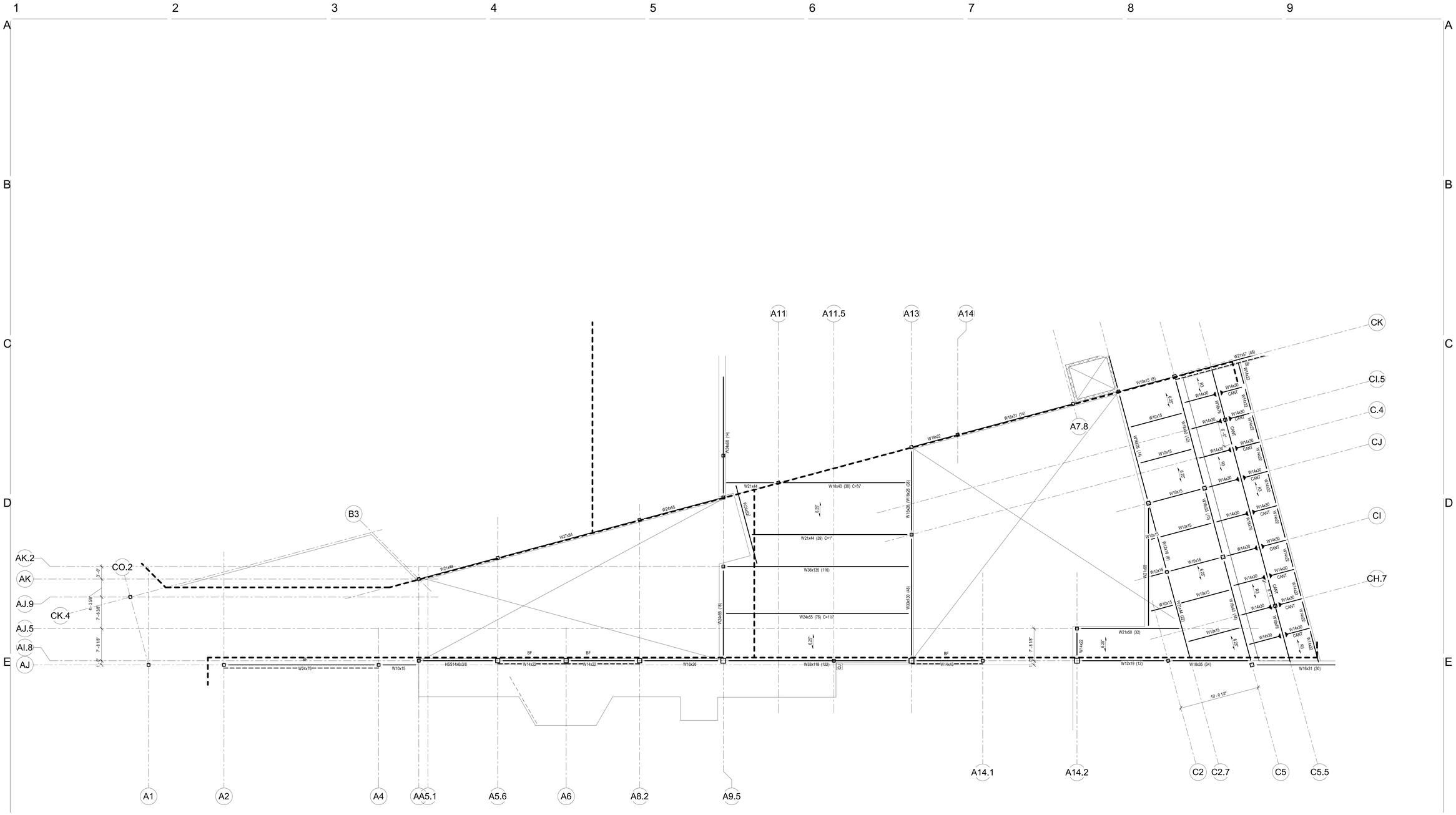
EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S102.1


CK.4
AK
A5
A5.6
A8
CK
CL
CL.9
AM
BA
BB
BB.5
BB.8
BC
A7
BD
BD.1
BD.2
BD.3
BD.5
BE
BE.8
BF
BG
BG.2
BG.6
BH
BH.3
BI
BJ
B1
B2
B3
B4
B5
B5.2
B5.8
B6
B7
B7.4
B8
B9
B10
B10.2
B11
W16x26
W18x40
W18x35
W14x22
W24x55
W21x44
W21x48
W27x84
W24x68
W24x103
W30x108 C=½"
W27x84 C=¾"
W24x55 C=¾"
W24x62
W21x50
W21x55
W24x76
W18x65
W18x60
W18x86
W18x76
W16x40
W16x67
W14x43
W14x30
W12x19
W10x17
W12x22
W10x15
W10x26
W16x31
W16x57
W14x82
W14x74
W14x61
W14x53
W14x48
W14x44
W14x38
W14x34
W14x30
W14x26
W14x22
W12x14
W10x12
W8x10
W8x13
W8x15
W8x18
W8x21
W8x24
W8x28
W8x31
W8x35
W8x40
W8x48
W8x58
W8x67
W6x9
W6x15
W6x20
W6x25
W6x16
W6x12
W6x8.5



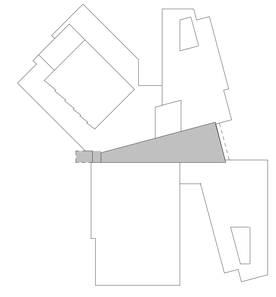
LEVEL 2 FRAMING PLAN - C SPINE 1
1/8" = 1'-0"

LEGEND:

6.25"	INDICATES SPAN DIRECTION OF 3½" LWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6½".
R3	INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
6" NWT	INDICATES SPAN DIRECTION OF 3" NWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6".
BF	INDICATES BRACED FRAME
CANT	INDICATES CANTILEVERED STEEL BEAM
	INDICATES MOMENT CONNECTION
(#)	INDICATES NUMBER OF ½"Ø x 4½" LONG HEADED SHEAR STUDS UNIFORMLY SPACED ON BEAM. UNLESS INDICATED, PROVIDE 1 STUD EVERY 1 FOOT AT BEAMS SUPPORTING SLAB ON METAL DECK.
PU	INDICATES HSS7x7x1/2 H-D GALVANIZED MECHANICAL SCREEN POST UP
CU CD	INDICATES COLUMN UP OR COLUMN DOWN RESPECTIVELY
HU HD	INDICATES HANGING COLUMN UP OR HANGING COLUMN DOWN RESPECTIVELY

NOTES:

1. T.O. CONCRETE SLAB ON DECK = 240'-4", UNO
2. T.O. ROOF DECK = 240'-7", UNO
3. T.O. STEEL AT CONCRETE SLAB ON DECK = 239'-9½" , UNO IN PLAN THUS [+/-X"]
4. T.O. STEEL AT ROOF DECK = 240'-4" , UNO IN PLAN THUS [+/-X"]



KEY PLAN - C SPINE

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
65 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-0300
FAX: (617) 926-9201
www.rseassociates.com

SECOND FLOOR FRAMING PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S102.3


B5.8
BA
AI.7
AM
A8.2
A7.8
AM.7
AN
AN.3
AO
AO.7
AP
AP.3
AQ
AR
A7
A8
A8.5
A9.5
A11
A11.5
C2.7
C3
A13
A14
C6
C8
CR
CQ.3
CQ
CP.7
CP
CO
CN
CM.3
CM
CL.9
CL.3
CL
CK.7
CK.3
CK
AL.2
AL
C7
C5.5
C5
21' - 0 1/4"
8' - 4 3/4"
8' - 1 3/8"
20' - 4 3/4"
20' - 1 3/8"
8' - 7 3/4"
7' - 10 3/8"
20' - 4 3/4"
27' - 9"
W21x44 (22)
W18x40 (20)
W24x84 (30)
W21x50 (60) C=½"
W24x55 (32)
W21x44 (26)
W24x68 (14)
W24x55 (72)
W24x76 C=½"
W24x62 (30) C=½"
W21x44 (20)
W16x26 (40)
W16x31 (28)
W16x40 (10)
W18x40 (20) C=½"
W16x26 (12)
W16x50 (16)
W18x40 (54)
W16x26 (10)
W18x35 (12)
W18x40 (22) C=½"
W16x26 (16)
W14x22 (10)
W14x22 (8)
W12x19 (10)
W16x26 (10)
W16x26 (18)
W16x26 (20)
W16x26 (12)
W21x44 (22)
W21x48 (40) C=½"
W27x84 (44)
W27x84 (53)
W16x65 (26)
W16x65 (20)
W16x89 (20)
W16x89 (28)
W16x89 (36) C=½"
W21x48 (40) C=½"
W21x48 (50) C=½"
W21x48 (68) C=½"
W16x40 (8)
W16x40 (12)
W16x40 (20)
W16x40 (28)
W16x40 (46)
W16x40 (48)
W16x40 (60) C=½"
W18x40 (52) C=½"
W18x40 (62) C=½"
W18x50 (8)
W18x50 (20)
W18x50 (30)
W18x50 (32)
W18x50 (40)
W18x76 (30)
W18x76 (50)
W18x76 (78)
W18x76 (86)
W18x76 (106)
W18x76 (114)
W18x76 (130)
W18x76 (146)
W18x76 (158) C=½"
W18x76 (166) C=½"
W18x76 (178) C=½"
W18x76 (186) C=½"
W18x76 (198) C=½"
W18x76 (206) C=½"
W18x76 (218) C=½"
W18x76 (226) C=½"
W18x76 (238) C=½"
W18x76 (246) C=½"
W18x76 (258) C=½"
W18x76 (266) C=½"
W18x76



INDICATES THERMALLY BROKEN SUNSHADE CONNECTION: PROVIDE (2) L5x5x½ ANGLE HANGER, 12"x12"x½" STEEL PLATE, 12"x12"x½" STRUCTURAL THERMAL PAD, AND 12" LONG WT6x20 AT EACH CONNECTION. PROVIDE A KICKER PER SECTION 9 /S301 AT EACH CONNECTION. TYP FOR 32, THIS PLAN. SEE ARCH'LS FOR GEOMETRY

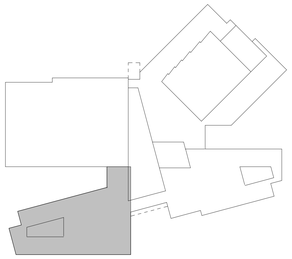
LEVEL 2 FRAMING PLAN - E WING 1
1/8" = 1'-0"

LEGEND:

- 6.25" — INDICATES SPAN DIRECTION OF 3½" LWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6¼".
- R3 — INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
- 6" NWT — INDICATES SPAN DIRECTION OF 3" NWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6".
- BF — INDICATES BRACED FRAME
- CANT — INDICATES CANTILEVERED STEEL BEAM
- INDICATES MOMENT CONNECTION
- (#) — INDICATES NUMBER OF ¾"Ø x 4½" LONG HEADED SHEAR STUDS UNIFORMLY SPACED ON BEAM. UNLESS INDICATED, PROVIDE 1 STUD EVERY 1 FOOT AT BEAMS SUPPORTING SLAB ON METAL DECK.
- PU — INDICATES HSS7x7x1/2 H-D GALVANIZED MECHANICAL SCREEN POST UP
- CU CD — INDICATES COLUMN UP OR COLUMN DOWN RESPECTIVELY
- HU HD — INDICATES HANGING COLUMN UP OR HANGING COLUMN DOWN RESPECTIVELY

NOTES:

1. T.O. CONCRETE SLAB ON DECK = 240'-4", UNO
2. T.O. ROOF DECK = 240'-7", UNO
3. T.O. STEEL AT CONCRETE SLAB ON DECK = 239'-9½", UNO IN PLAN THUS [+/-X"]
4. T.O. STEEL AT ROOF DECK = 240'-4", UNO IN PLAN THUS [+/-X"]



KEY PLAN - E WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
65 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-9300
FAX: (617) 926-9301
www.rseassociates.com

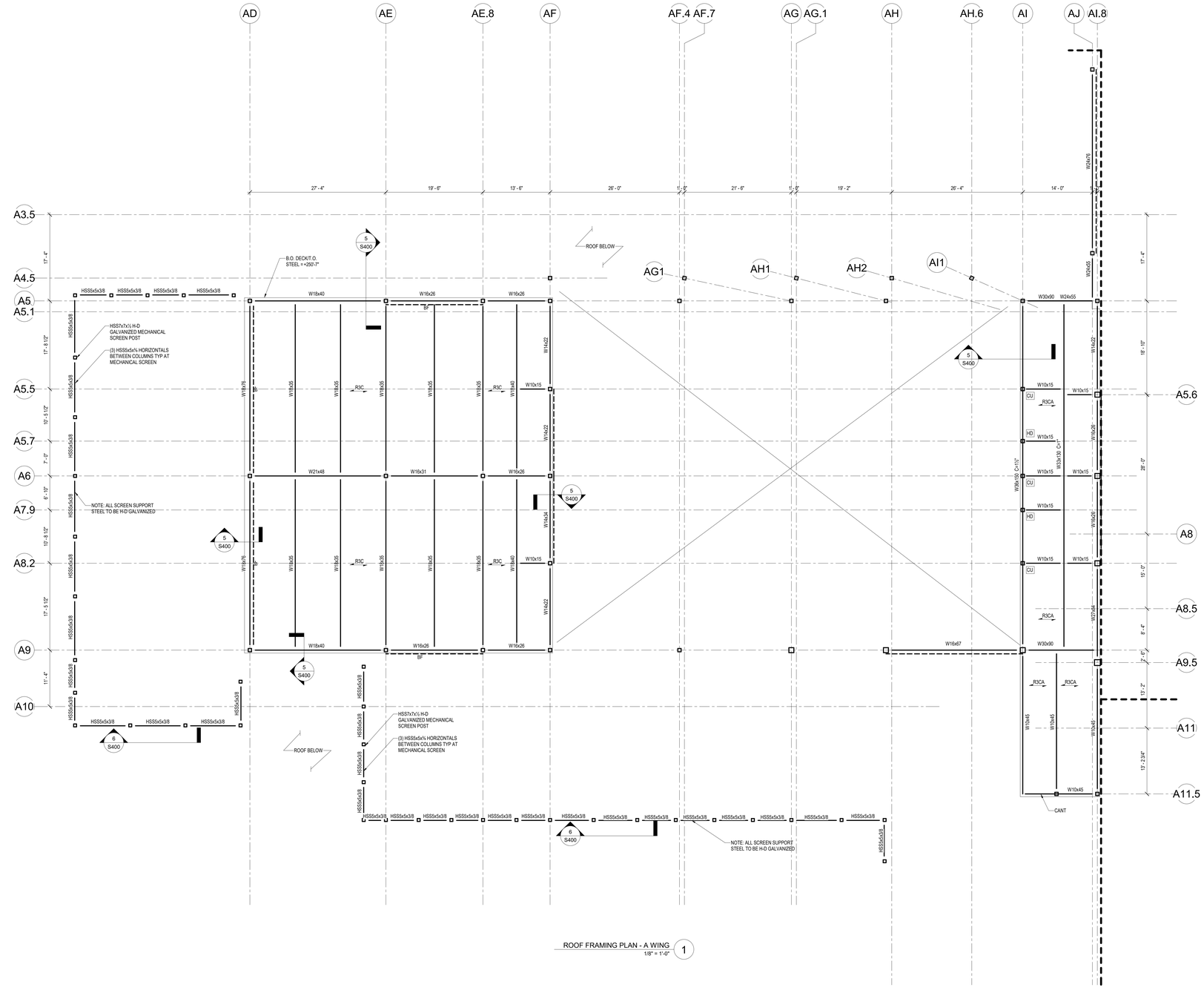
SECOND FLOOR FRAMING PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S102.5



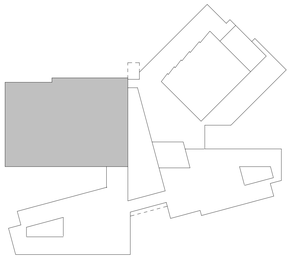
ROOF FRAMING PLAN - A WING 1
1/8" = 1'-0"

LEGEND:

- R3 — INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
- R3CA — INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ACOUSTIC ROOF DECK
- 6" NWT — INDICATES SPAN DIRECTION OF 3" NWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6".
- R3C — INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ROOF DECK
- BF — INDICATES BRACED FRAME
- CANT — INDICATES CANTILEVERED STEEL BEAM
- INDICATES MOMENT CONNECTION
- CU CD — INDICATES COLUMN UP OR COLUMN DOWN RESPECTIVELY
- HU HD — INDICATES HANGING COLUMN UP OR HANGING COLUMN DOWN RESPECTIVELY

NOTES:

1. T.O. ROOF DECK = 255'-11", UNO
2. T.O. STEEL = 255'-8", UNO IN PLAN THUS [+/-X"] FOR NON-SLOPING BEAMS



KEY PLAN - A WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
65 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-8300
FAX: (617) 926-8301
www.rseassociates.com

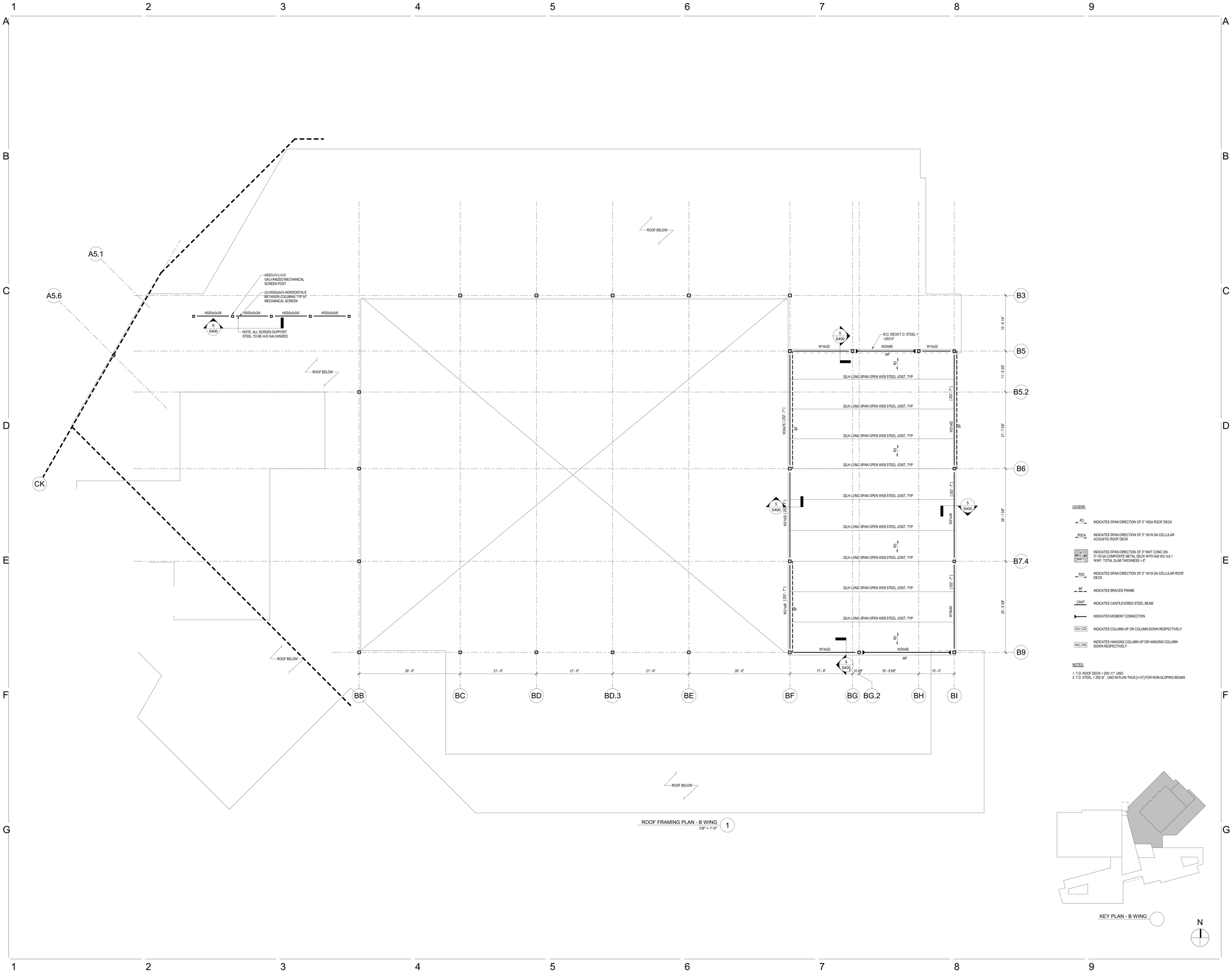
ROOF FRAMING PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S103.1



ROOF FRAMING PLAN - B WING 1
1/8" = 1'-0"

LEGEND:

R3	INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
R3CA	INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ACOUSTIC ROOF DECK
6" NWT	INDICATES SPAN DIRECTION OF 3" NWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6".
R3C	INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ROOF DECK
BF	INDICATES BRACED FRAME
CANT	INDICATES CANTILEVERED STEEL BEAM
	INDICATES MOMENT CONNECTION
CU CD	INDICATES COLUMN UP OR COLUMN DOWN RESPECTIVELY
HU HD	INDICATES HANGING COLUMN UP OR HANGING COLUMN DOWN RESPECTIVELY

NOTES:

1. T.O. ROOF DECK = 255'-11", UNO
2. T.O. STEEL = 255'-8" , UNO IN PLAN THUS [+/-X"] FOR NON-SLOPING BEAMS

KEY PLAN - B WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
65 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-3500
FAX: (617) 926-9201
www.rseassociates.com

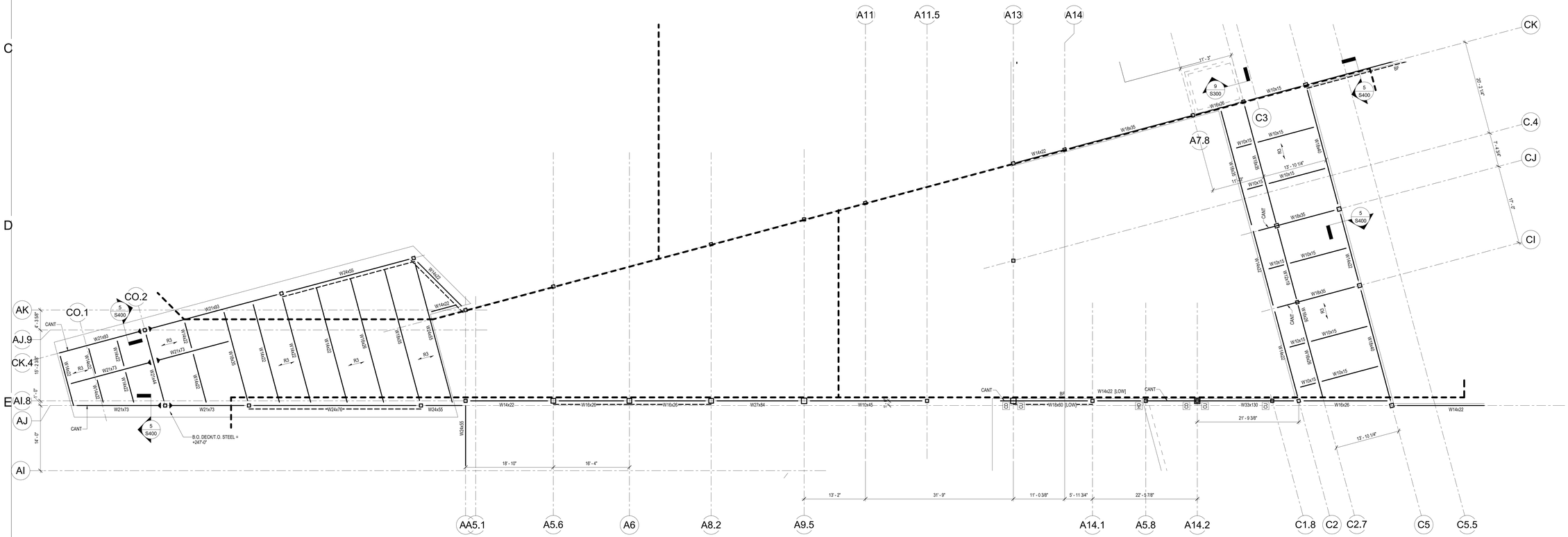
ROOF FRAMING PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S103.2



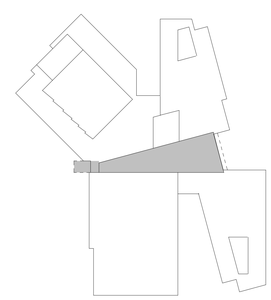
ROOF FRAMING PLAN - C SPINE
1/8" = 1'-0"
1

LEGEND:

R3	INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
R3CA	INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ACOUSTIC ROOF DECK
6" NWT	INDICATES SPAN DIRECTION OF 3" NWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6".
R3C	INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ROOF DECK
BF	INDICATES BRACED FRAME
CANT	INDICATES CANTILEVERED STEEL BEAM
	INDICATES MOMENT CONNECTION
CU CD	INDICATES COLUMN UP OR COLUMN DOWN RESPECTIVELY
HU HD	INDICATES HANGING COLUMN UP OR HANGING COLUMN DOWN RESPECTIVELY

NOTES:

1. T.O. ROOF DECK = 255'-11", UNO
2. T.O. STEEL = 255'-8", UNO IN PLAN THUS [+/-X"] FOR NON-SLOPING BEAMS



KEY PLAN - C SPINE

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
40 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-0200
FAX: (617) 926-0201
www.rseassociates.com

ROOF FRAMING PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S103.3



ROOF FRAMING PLAN - D WING 1
1/8" = 1'-0"

LEGEND:

- R3 — INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
- R3CA — INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ACOUSTIC ROOF DECK
- 6" NWT — INDICATES SPAN DIRECTION OF 3" NWT CONC ON 3"-18 GA COMPOSITE METAL DECK WITH 6x6 W2.1x2.1 WWF. TOTAL SLAB THICKNESS = 6".
- R3C — INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ROOF DECK
- BF — INDICATES BRACED FRAME
- CANT — INDICATES CANTILEVERED STEEL BEAM
- INDICATES MOMENT CONNECTION
- CU CD — INDICATES COLUMN UP OR COLUMN DOWN RESPECTIVELY
- HU HD — INDICATES HANGING COLUMN UP OR HANGING COLUMN DOWN RESPECTIVELY

NOTES:

1. T.O. ROOF DECK = 255'-11", UNO
2. T.O. STEEL = 255'-8", UNO IN PLAN THUS [+/-X"] FOR NON-SLOPING BEAMS

KEY PLAN - D WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
65 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-0200
FAX: (617) 926-0201
www.rseassociates.com

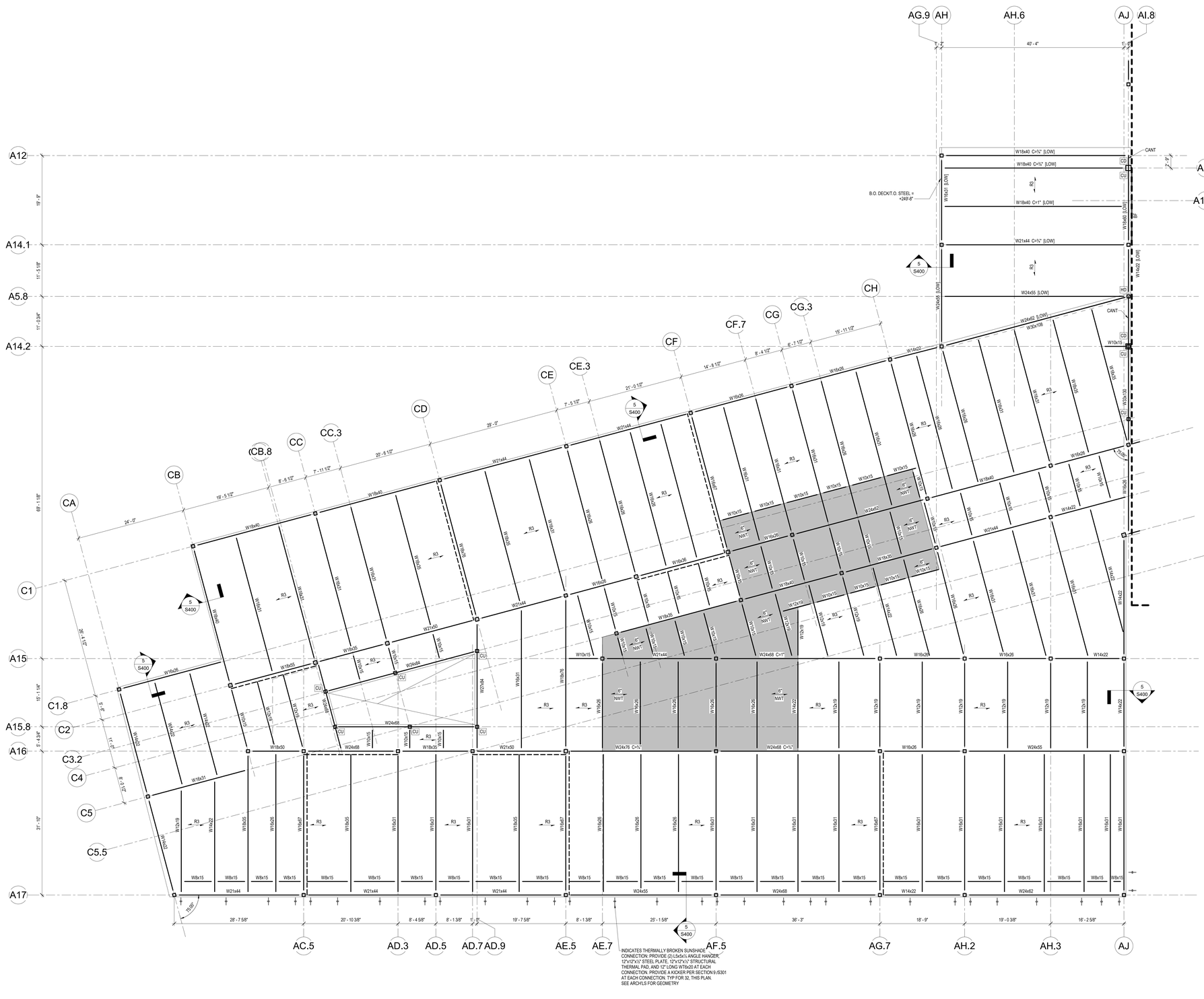
ROOF FRAMING PLAN - D WING

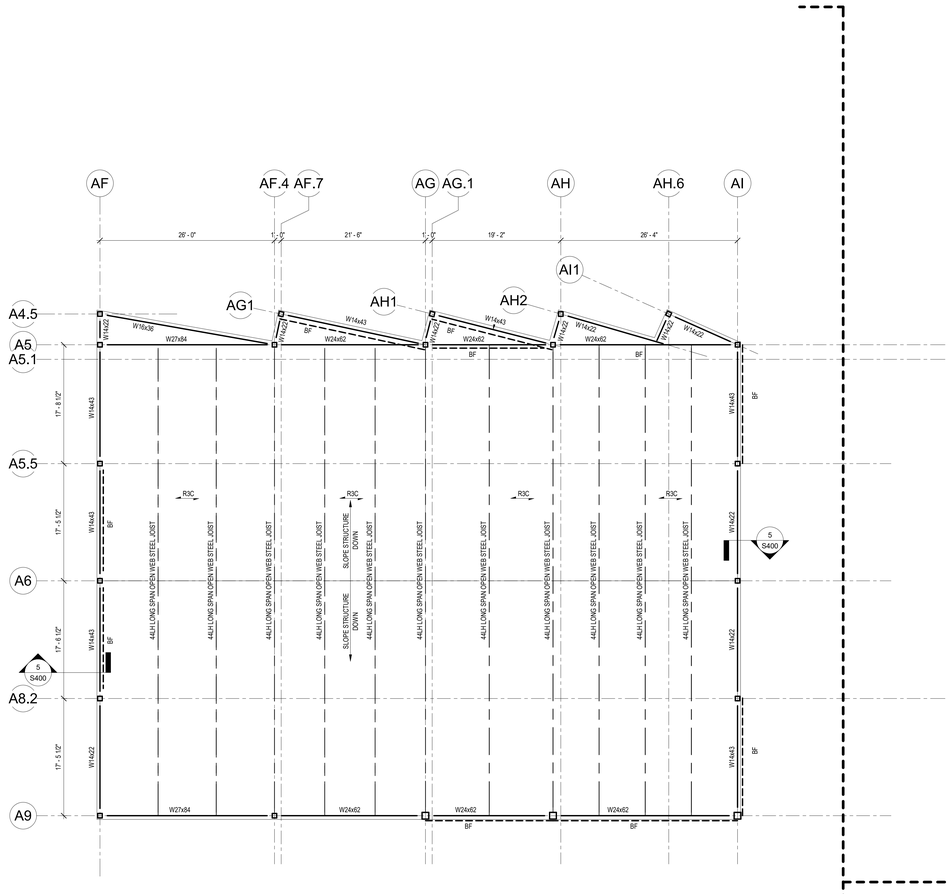
EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S103.4


AG.9
AH
AH.6
AJ
AI.8
A12
A13
A13.6
A14.1
A5.8
A14.2
A15
A15.8
A16
A17
CA
CB
CB.8
CC
CC.3
CD
CE
CE.3
CF
CF.7
CG
CG.3
CH
C1
C1.8
C2
C3.2
C4
C5
C5.5
40' - 4"
W18x40 C=½" [LOW]
W18x40 C=1" [LOW]
W21x44 C=½" [LOW]
W24x55 [LOW]
W24x76 C=¾"
W24x68 C=¾"
W24x68 C=1"
W18x51 [LOW]
W18x65 [LOW]
W24x55 [LOW]
W21x62 [LOW]
W24x62 [LOW]
W30x108
W18x35
W16x26
W16x31
W16x40
W16x45
W16x50
W16x55
W16x67
W16x78
W16x89
W18x50
W18x55
W18x65
W18x76
W18x86
W21x50
W21x57
W21x68
W21x83
W21x93
W21x101
W21x111
W24x84
W24x94
W24x103
W24x104
W27x84
W27x94
W30x90
W30x99
W30x108
W30x116
W30x124
W30x132
W30x148
W30x173
W10x15
W10x19
W10x26
W10x30
W10x33
W12x19
W12x22
W12x26
W14x22
W14x26
W14x30
W14x34
W14x38
W14x43
W14x48
W14x53
W14x61
W14x68
W14x74
W14x82
W14x90
W14x99
W14x109
W14x120
W14x132
W14x145
W14x159
W14x176
W14x193
W14x211
W14x233
W14x257
W14x283
W14x311
W14x342
W14x370
W14x398
W14x426
W14x455
W14x500
W14x550
W14x605
W14x665
W14x730
W14x808
W14x873
W14x932
W14x1000
W14x1082
W14x1176
W14x1269
W14x1370
W14x1500
W8x15
W8x18
W8x21
W8x24
W8x28
W8x31
W8x35
W8x40
W8x48
W8x58
W8x67
W8x76
W8x84
W8x93
W8x100
W8x110
W8x118
W8x127
W8x136
W8x144
W8x152
W8x162
W8x170
W8x179
W8x188
W8x197
W8x205
W8x214
W8x223
W8x232
W8x240
W8x248
W8x257
W8x265
W8x274
W8x282
W8x291
W8x299
W8x308
W8x317
W8x325
W8x334
W8x342
W8x351
W8x359
W8x367
W8x376
W8x384
W8x393
W8x401
W8x410
W8x418
W8x427
W8x435
W8x443
W8x452
W8x460
W8x469
W8x477
W8x486
W8x494
W8x503
W8x511
W8x520
W8x528
W8x537
W8x545
W8x554
W8x562
W8x571
W8x579
W8x588
W8x596
W8x605
W8x613
W8x622
W8x630
W8x639
W8x647
W8x656
W8x664
W8x673
W8x681
W8x690
W8x698
W8x707
W8x715
W8x724
W8x732
W8x741
W8x749
W8x758
W8x766



HIGH ROOF FRAMING PLAN - A WING 1
1/8" = 1'-0"

LEGEND:

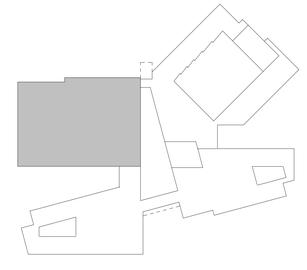
- R3 — INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
- R3CA — INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ACOUSTIC ROOF DECK
- R3C — INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ROOF DECK
- BF — INDICATES BRACED FRAME
- CANT — INDICATES CANTILEVERED STEEL BEAM
- INDICATES MOMENT CONNECTION

NOTES:

1. T.O. ROOF DECK = 264'-3", UNO
2. T.O. STEEL = 264'-0" , UNO IN PLAN THUS [+/-X"] FOR NON-SLOPING BEAMS

OPEN WEB STEEL JOISTS PRICING NOTES:

1. OPEN WEB STEEL JOIST AND ACCESSORIES STEEL TONNAGE: 6 PSF



KEY PLAN - A WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
65 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-3300
FAX: (617) 926-9301
www.rseassociates.com

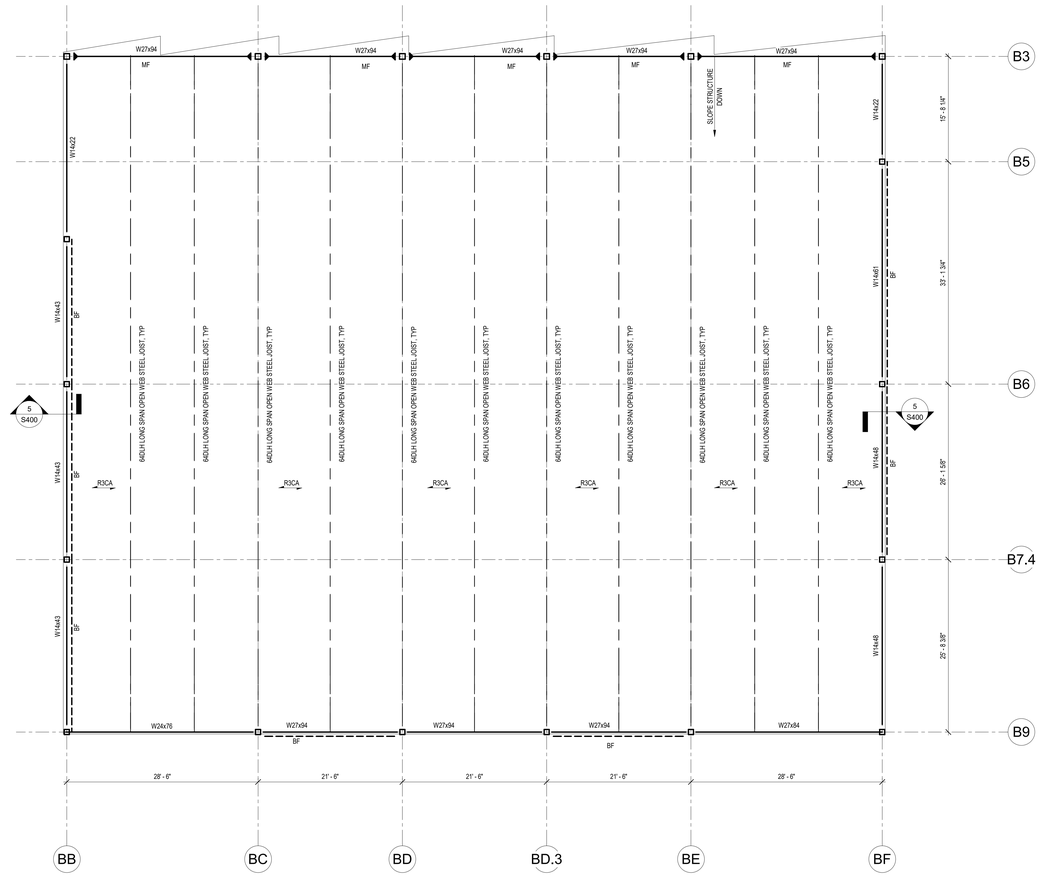
HIGH ROOF FRAMING PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S104.1



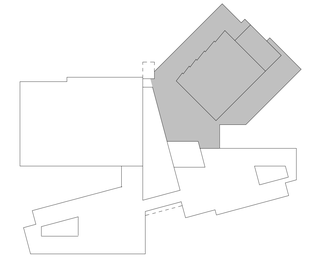
HIGH ROOF FRAMING PLAN - B WING 1
1/8" = 1'-0"

LEGEND:

- R3 — INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
- R3CA — INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ACOUSTIC ROOF DECK
- BF — INDICATES BRACED FRAME
- CANT — INDICATES CANTILEVERED STEEL BEAM
- INDICATES MOMENT CONNECTION
- INDICATES DIRECTION OF SLOPE DOWN OF PRIMARY BEAM TOWARDS TOP OF STEEL LOW POINT INDICATED THUS <x/x">. SECONDARY STEEL BEAMS TO SLOPE AND ROTATE WITH PRIMARY BEAMS

OPEN WEB STEEL JOISTS PRICING NOTES:

1. OPEN WEB STEEL JOIST AND ACCESSORIES STEEL TONNAGE: 6 PSF



KEY PLAN - B WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-9301
FAX: (617) 926-9307
www.rseassociates.com

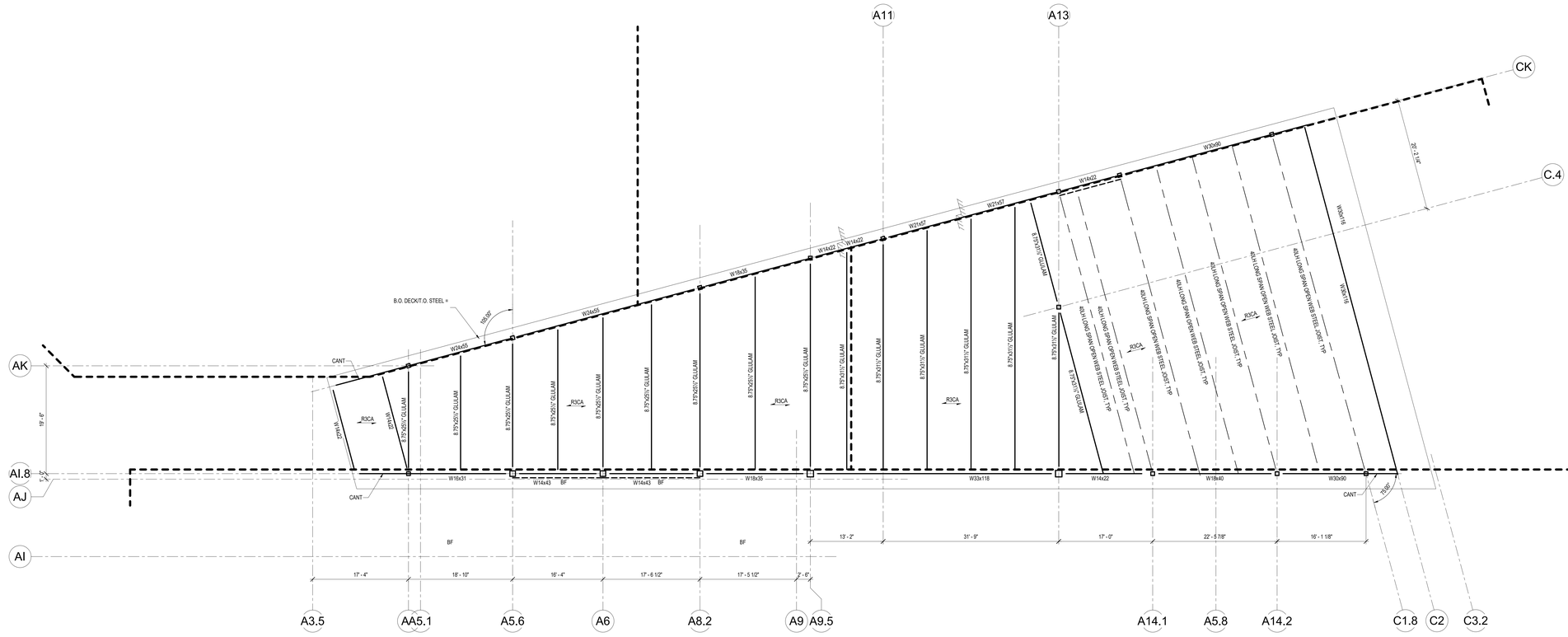
HIGH ROOF FRAMING PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S104.2



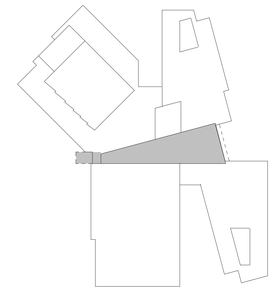
HIGH ROOF FRAMING PLAN - C SPINE
1/8" = 1'-0"
1

LEGEND:

R3	INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
R3CA	INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ACOUSTIC ROOF DECK
R3C	INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ROOF DECK
BF	INDICATES BRACED FRAME
CANT	INDICATES CANTILEVERED STEEL BEAM
	INDICATES MOMENT CONNECTION

NOTES:

1. T.O. ROOF DECK = 264'-3", UNO
2. T.O. STEEL = 264'-3", UNO, SLOPE AND CHAMFER FOR NON-SLOPING BEAMS
3. OPEN WEB STEEL JOIST AND ACCESSORIES STEEL TONNAGE: 6 PSF



KEY PLAN - C SPINE

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
65 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-0200
FAX: (617) 926-0201
www.rseassociates.com

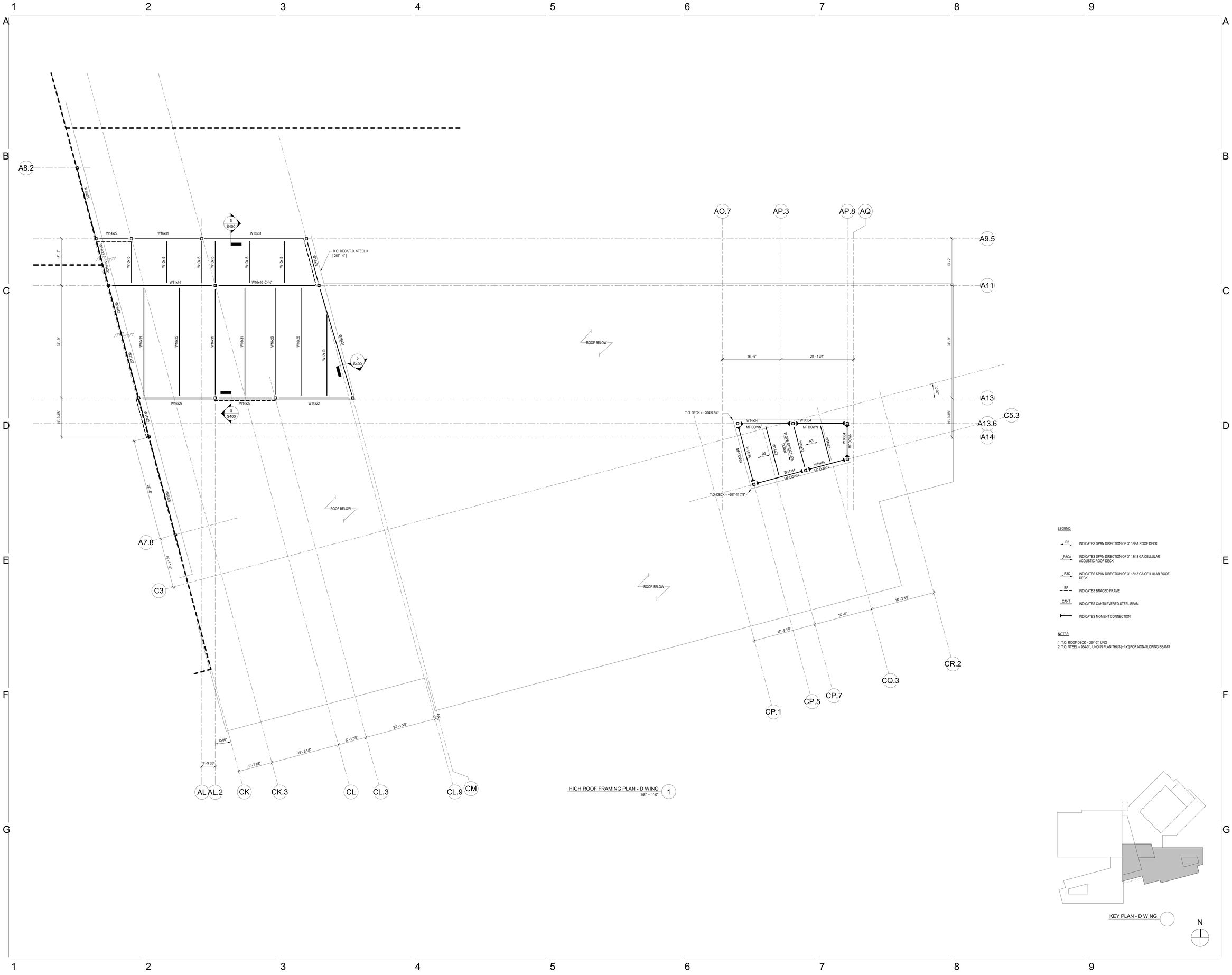
HIGH ROOF FRAMING PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S104.3



HIGH ROOF FRAMING PLAN - D WING
1/8" = 1'-0"
1

LEGEND:

R3	INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
R3CA	INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ACOUSTIC ROOF DECK
R3C	INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ROOF DECK
BF	INDICATES BRACED FRAME
CANT	INDICATES CANTILEVERED STEEL BEAM
	INDICATES MOMENT CONNECTION

NOTES:

1. T.O. ROOF DECK = 264'-3", UNO
2. T.O. STEEL = 264-0" , UNO IN PLAN THUS [+/-X"] FOR NON-SLOPING BEAMS

KEY PLAN - D WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
63 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-0300
FAX: (617) 926-0301
www.rseassociates.com

HIGH ROOF FRAMING PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S104.4



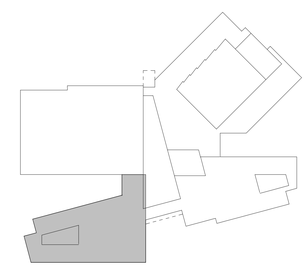
HIGH ROOF FRAMING PLAN - E WING
1/8" = 1'-0" (1)

LEGEND:

- R3 — INDICATES SPAN DIRECTION OF 3" 18GA ROOF DECK
- R3CA — INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ACOUSTIC ROOF DECK
- R3C — INDICATES SPAN DIRECTION OF 3" 18/18 GA CELLULAR ROOF DECK
- BF — INDICATES BRACED FRAME
- CANT — INDICATES CANTILEVERED STEEL BEAM
- INDICATES MOMENT CONNECTION

NOTES:

1. T.O. ROOF DECK = 264'-3", UNO
2. T.O. STEEL = 264'-0" , UNO IN PLAN THUS [+/-X"] FOR NON-SLOPING BEAMS



KEY PLAN - E WING

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-9301
FAX: (617) 926-9307
www.rseassociates.com

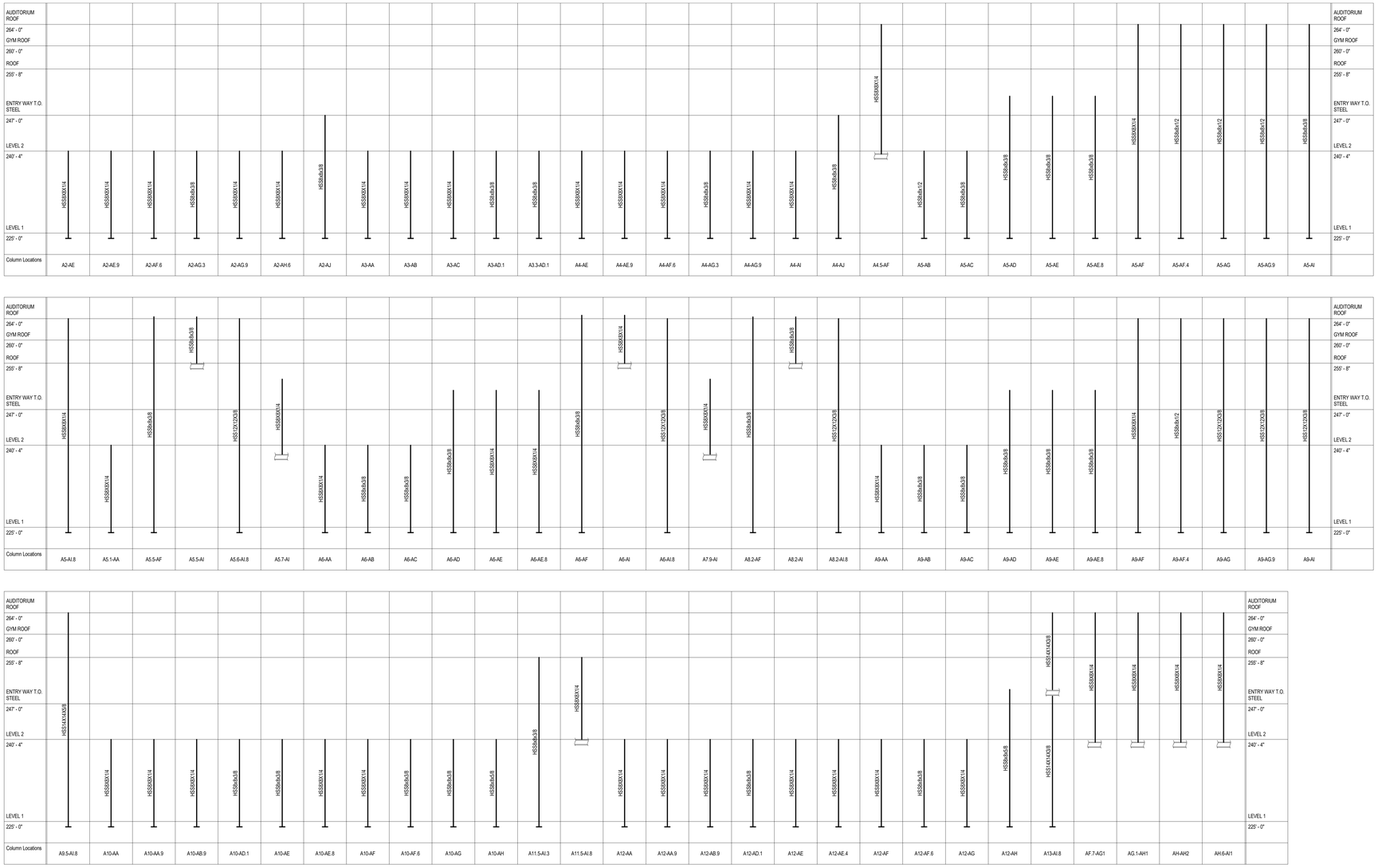
HIGH ROOF FRAMING PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S104.5



COLUMN SCHEDULE - A WING
1/8" = 1'-0"
1

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
63 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 926-9300
FAX: (617) 926-9301
www.rseassociates.com

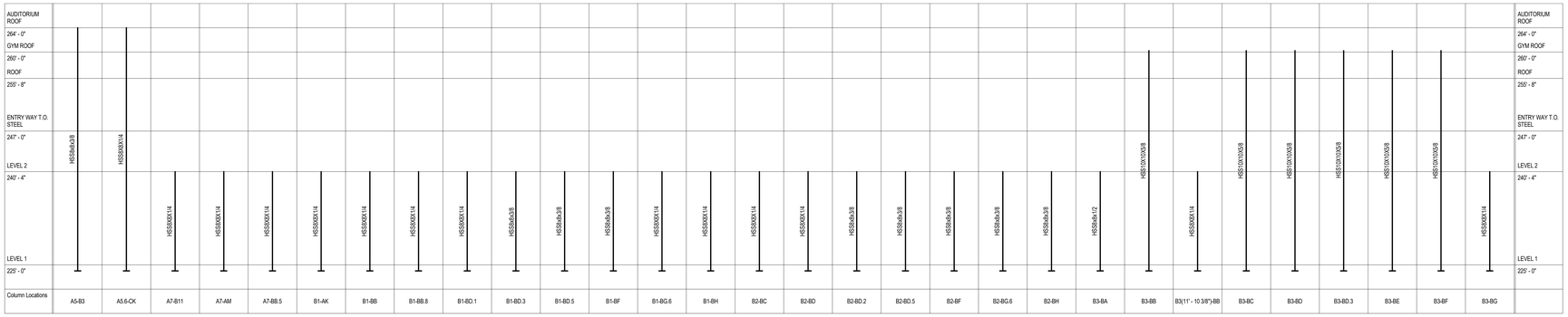
COLUMN SCHEDULE - A WING

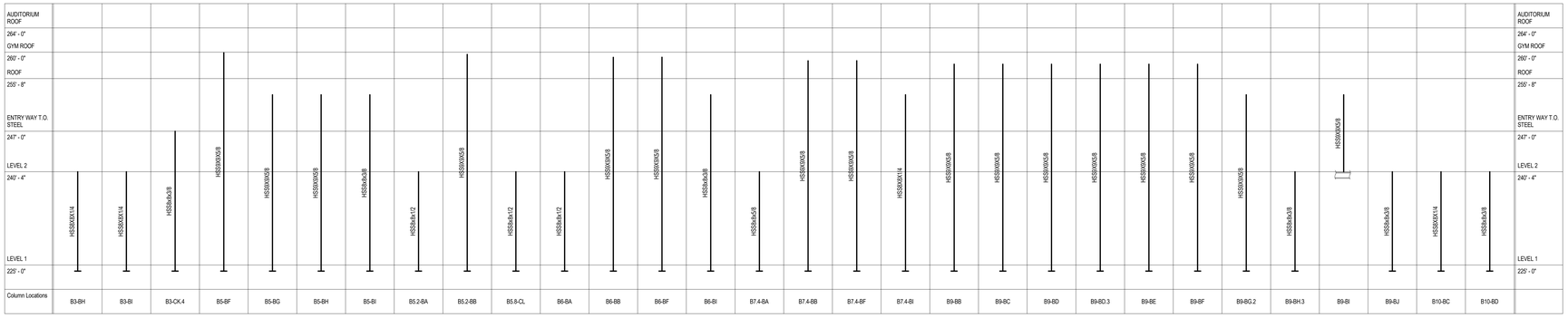
EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

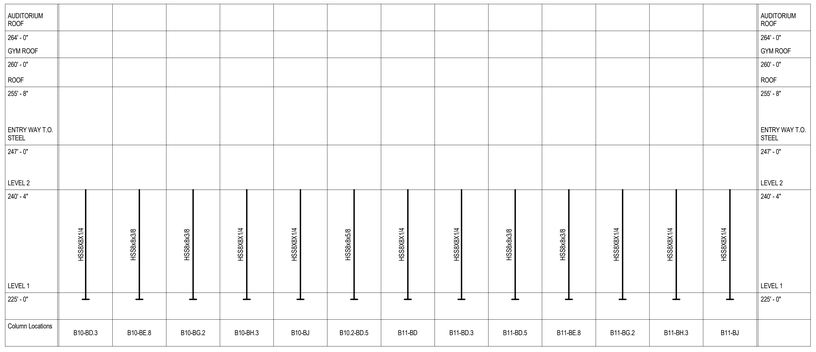
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/8" = 1'-0"
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

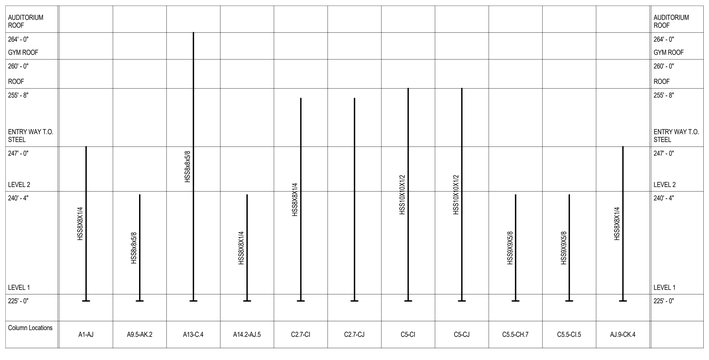
S200







COLUMN SCHEDULE - B WING
1/8" = 1'-0" (1)



COLUMN SCHEDULE - C SPINE
1/8" = 1'-0" (2)

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
PHONE: (617) 926-9440
FAX: (617) 926-9301
www.rseassociates.com

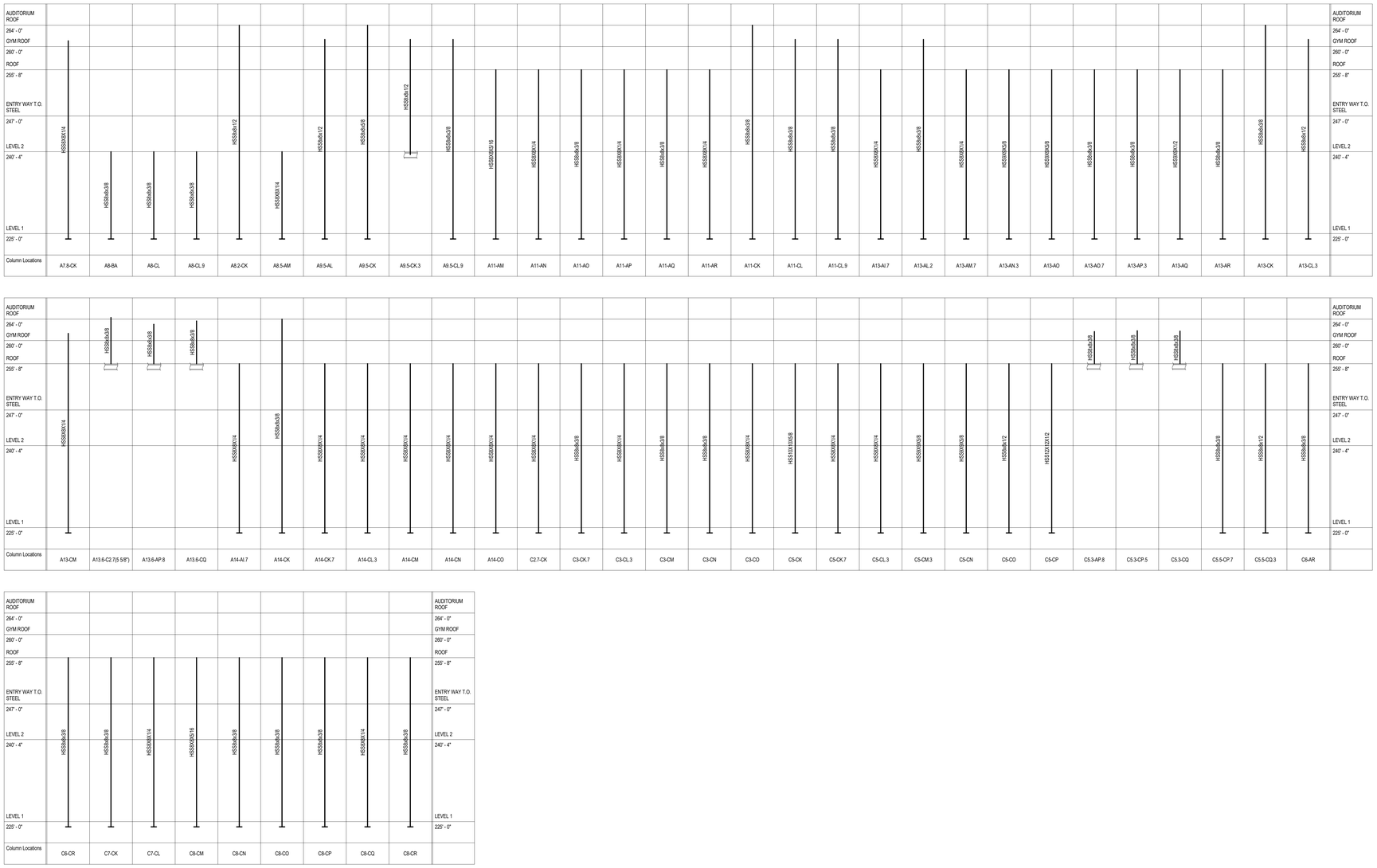
COLUMN SCHEDULE - B & C WING

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/8" = 1'-0"
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S201



Graphical Column Schedule - D WING 1
1/8" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com

SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
63 PLEASANT STREET
WATERTOWN, MA 02472
P.617.926.0201
FAX: (617) 926-0327
www.rseassociates.com

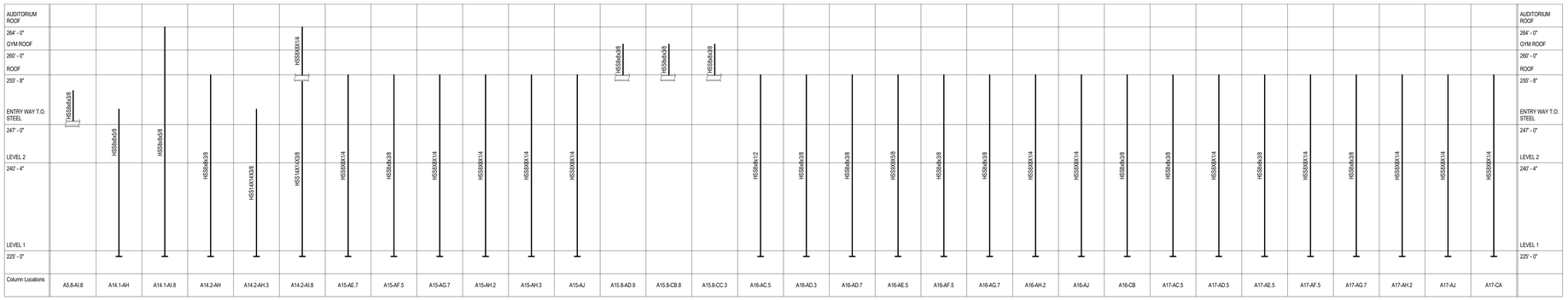
COLUMN SCHEDULE - D WING

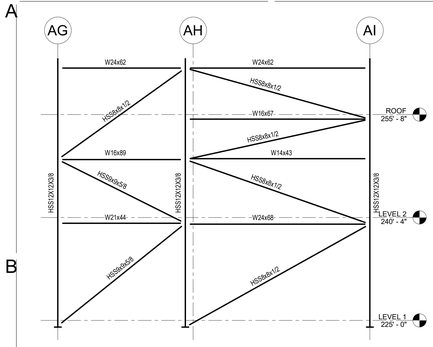
EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/8" = 1'-0"
DRAWN BY:	AB, GC, ES
REVISIONS:	

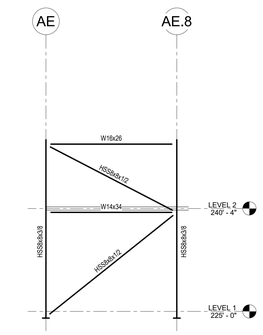
DD SET

S203

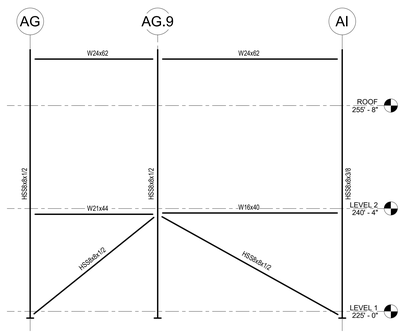

AUDITORIUM ROOF
264' - 0"
GYM ROOF
260' - 0"
ROOF
255' - 8"
ENTRY WAY T.O. STEEL
247' - 0"
LEVEL 2
240' - 4"
LEVEL 1
225' - 0"
Column Locations
HSS8x8x3/8
HSS8x8x5/8
HSS8x8x3/8
HSS8x8x5/8
HSS14X14X3/8
HSS14X14X3/8
HSS30X0X1/4
HSS30X0X1/4
HSS8X8X1/4
HSS8x8x5/8
HSS8X8X1/4
HSS8X8X1/4
HSS8X8X1/4
HSS8X8X1/4
HSS8x8x3/8
HSS8x8x3/8
HSS8x8x3/8
HSS8x8x3/8
HSS8X8X1/4
HSS8X8X1/4
HSS8X8X1/4
HSS8X8X1/4



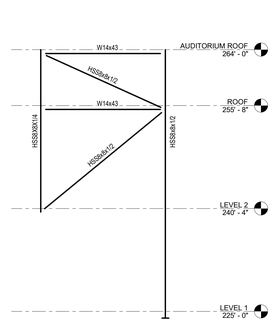
BRACED FRAME ELEVATION AT GRID A9 (1)
1/8" = 1'-0"



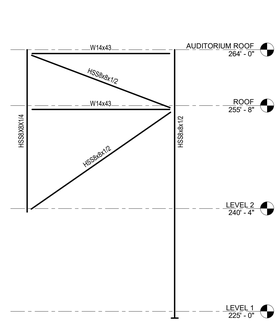
BRACED FRAME ELEVATION AT GRID A9 (2)
1/8" = 1'-0"



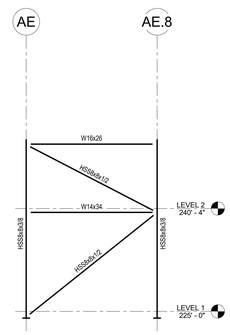
BRACED FRAME ELEVATION AT GRID A5 (3)
1/8" = 1'-0"



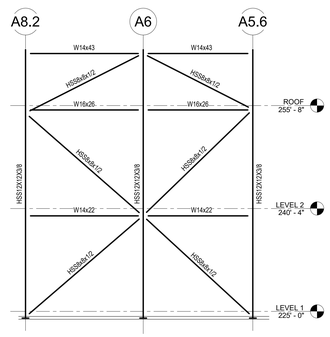
BRACED FRAME ELEVATION AT GRID AH1 (4)
1/8" = 1'-0"



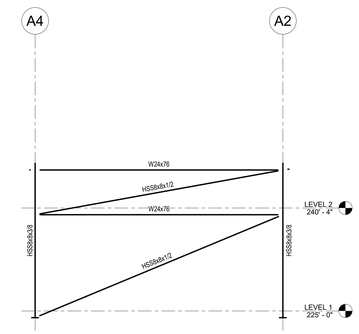
BRACED FRAME ELEVATION AT GRID AG1 (5)
1/8" = 1'-0"



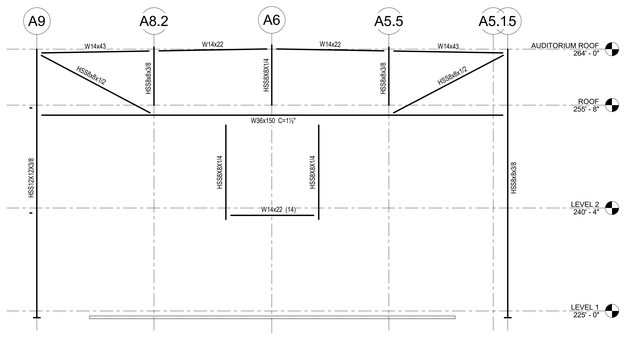
BRACED FRAME ELEVATION AT GRID A5 (6)
1/8" = 1'-0"



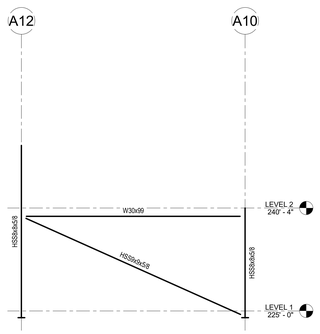
BRACED FRAME ELEVATION AT GRID AI.8 (7)
1/8" = 1'-0"



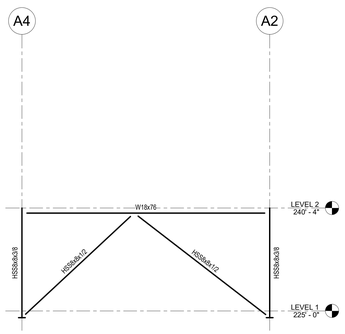
BRACED FRAME ELEVATION AT GRID AJ (8)
1/8" = 1'-0"



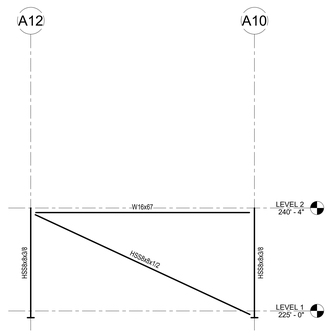
BRACED FRAME ELEVATION AT GRID AI (9)
1/8" = 1'-0"



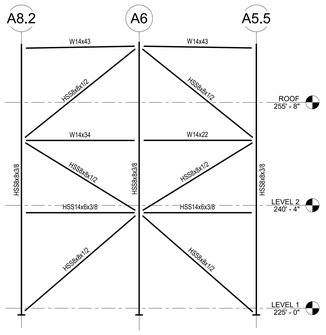
BRACED FRAME ELEVATION AT GRID AH (10)
1/8" = 1'-0"



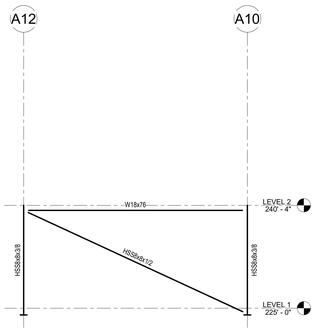
BRACED FRAME ELEVATION AT GRID AG.3 (11)
1/8" = 1'-0"



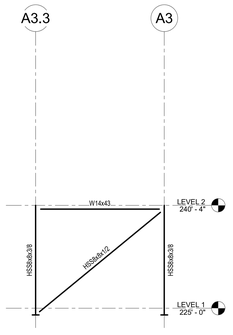
BRACED FRAME ELEVATION AT GRID AF.6 (12)
1/8" = 1'-0"



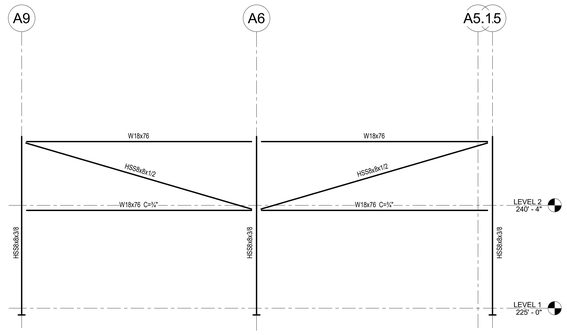
BRACED FRAME ELEVATION AT GRID AF (13)
1/8" = 1'-0"



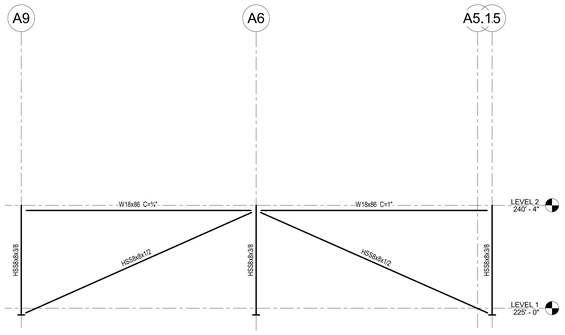
BRACED FRAME ELEVATION AT GRID AD.1 (14)
1/8" = 1'-0"



BRACED FRAME ELEVATION AT GRID AD.1 (15)
1/8" = 1'-0"



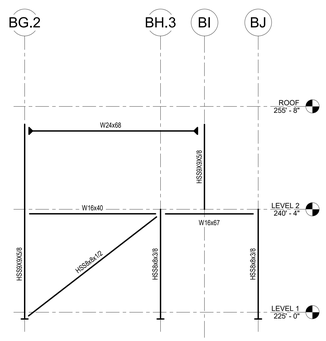
BRACED FRAME ELEVATION AT GRID AD (16)
1/8" = 1'-0"



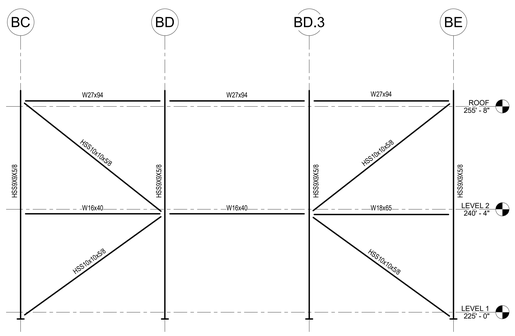
BRACED FRAME ELEVATION AT GRID AC (17)
1/8" = 1'-0"

NOTES:

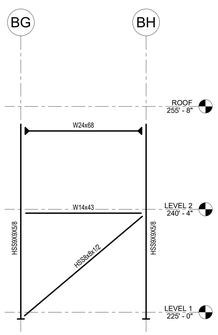
1. CONTRACTOR TO SUBMIT FOR REVIEW CALCULATIONS FOR BRACED FRAME AND TRUSS CONNECTIONS SIGNED AND STAMPED BY A MASSACHUSETTS LICENSED PROFESSIONAL ENGINEER.



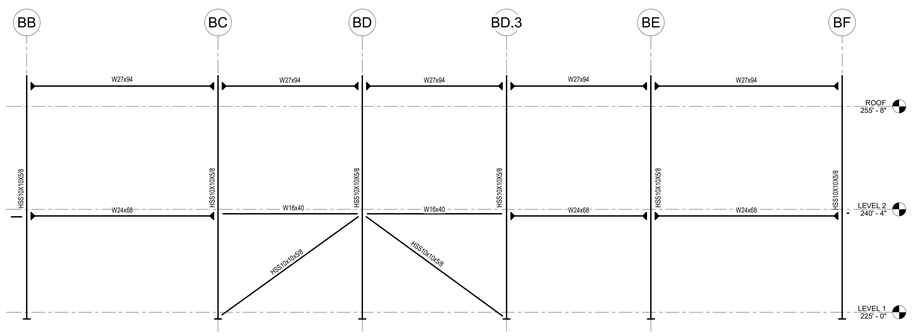
BRACED FRAME ELEVATION AT GRID B9 (18)
1/8" = 1'-0"



BRACED FRAME ELEVATION AT GRID B9 (19)
1/8" = 1'-0"



BRACED FRAME ELEVATION AT GRID B5 (20)
1/8" = 1'-0"



BRACED FRAME ELEVATION AT GRID B3 (21)
1/8" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 924-1770
FAX: (617) 926-0243
www.rseassociates.com

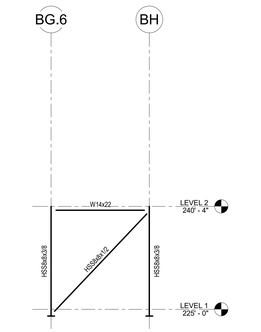
BRACED FRAME ELEVATIONS

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

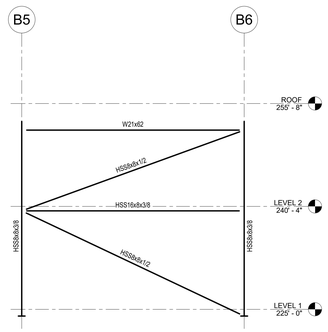
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/8" = 1'-0"
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

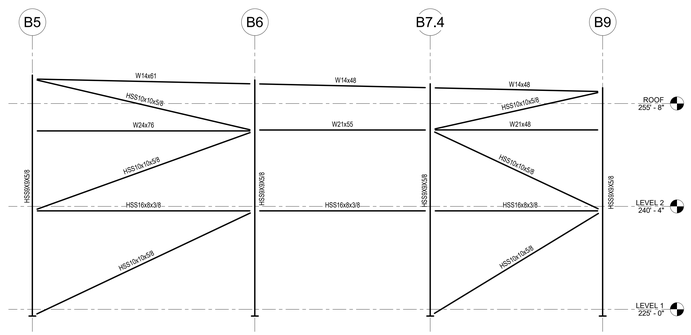
S205



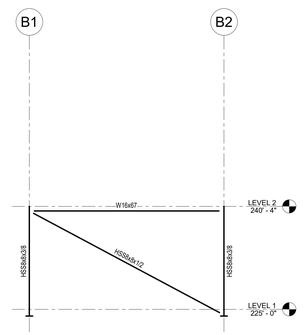
BRACED FRAME ELEVATION AT GRID B2 1/8" = 1'-0" 1



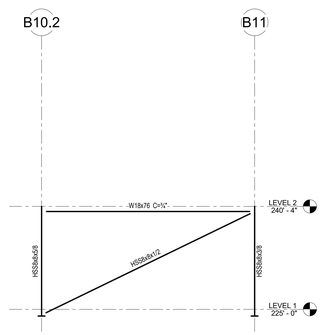
BRACED FRAME ELEVATION AT GRID BI 1/8" = 1'-0" 2



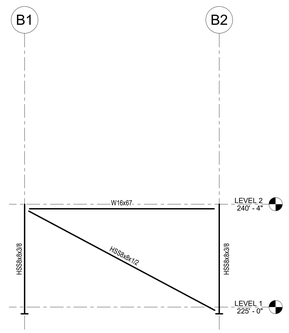
BRACED FRAME ELEVATION AT GRID BF.3 1/8" = 1'-0" 3



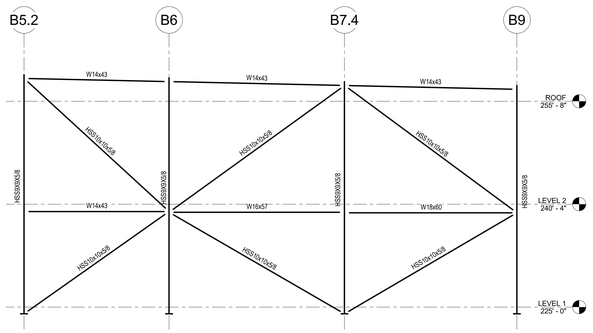
BRACED FRAME ELEVATION AT GRID BF 1/8" = 1'-0" 4



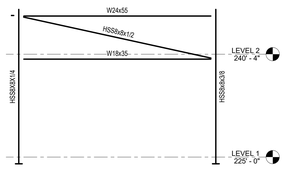
BRACED FRAME ELEVATION AT GRID BD.5 1/8" = 1'-0" 5



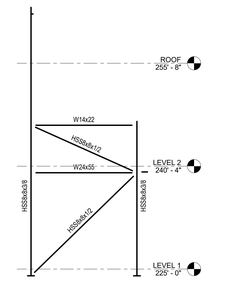
BRACED FRAME ELEVATION AT GRID BD.5 1/8" = 1'-0" 6



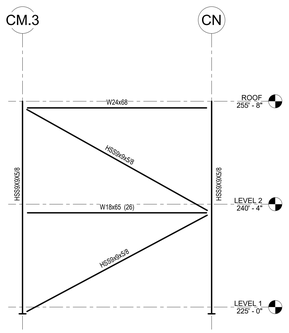
BRACED FRAME ELEVATION AT GRID BB 1/8" = 1'-0" 7



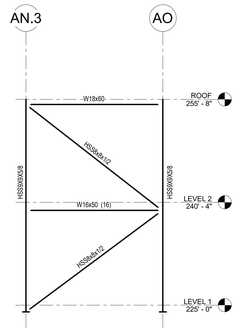
BRACED FRAME ELEVATION AT GRID CK.3 1/8" = 1'-0" 8



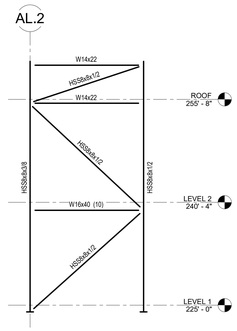
BRACED FRAME ELEVATION AT GRID B3 1/8" = 1'-0" 9



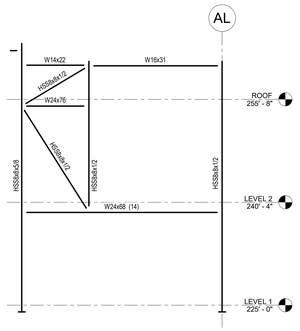
BRACED FRAME ELEVATION AT GRID C5 1/8" = 1'-0" 10



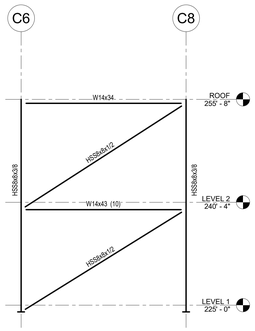
BRACED FRAME ELEVATION AT GRID A13 1/8" = 1'-0" 11



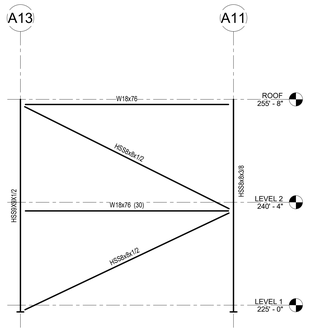
BRACED FRAME ELEVATION AT GRID A13 1/8" = 1'-0" 12



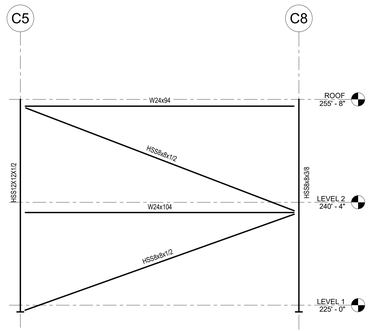
BRACED FRAME ELEVATION AT GRID A9.5 1/8" = 1'-0" 13



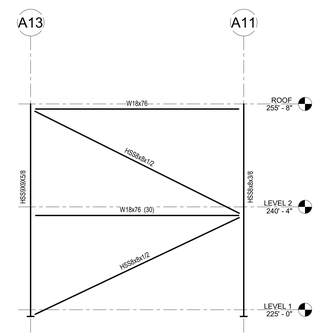
BRACED FRAME ELEVATION AT GRID CR 1/8" = 1'-0" 14



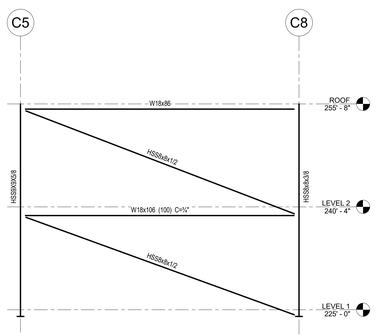
BRACED FRAME ELEVATION AT GRID AQ 1/8" = 1'-0" 15



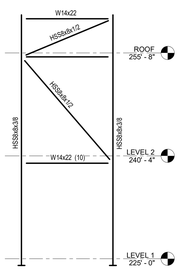
BRACED FRAME ELEVATION AT GRID CP 1/8" = 1'-0" 16



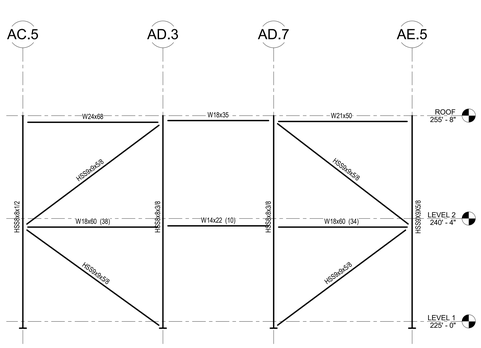
BRACED FRAME ELEVATION AT GRID AO 1/8" = 1'-0" 17



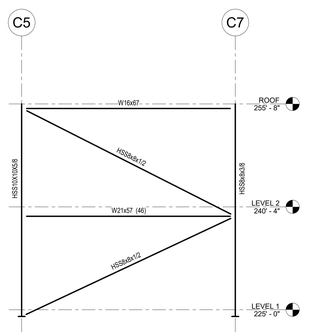
BRACED FRAME ELEVATION AT GRID CN 1/8" = 1'-0" 18



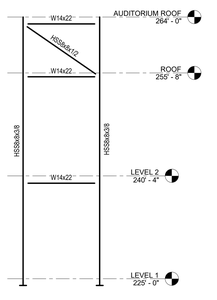
BRACED FRAME ELEVATION AT GRID CL.9 1/8" = 1'-0" 19



BRACED FRAME ELEVATION AT GRID A16 1/8" = 1'-0" 20



BRACED FRAME ELEVATION AT GRID CK 1/8" = 1'-0" 21



BRACED FRAME ELEVATION AT GRID CK 1/8" = 1'-0" 22

NOTES:

1. CONTRACTOR TO SUBMIT FOR REVIEW CALCULATIONS FOR BRACED FRAME AND TRUSS CONNECTIONS SIGNED AND STAMPED BY A MASSACHUSETTS LICENSED PROFESSIONAL ENGINEER.

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
PH: (617) 926-9440
FAX: (617) 926-9301
www.rseassociates.com

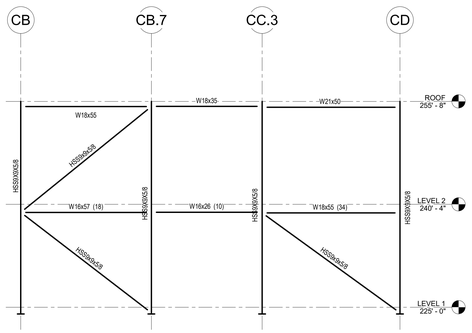
BRACED FRAME ELEVATIONS

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

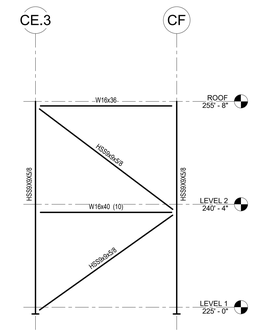
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/8" = 1'-0"
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

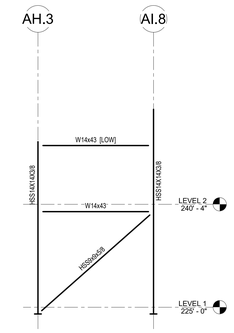
S206



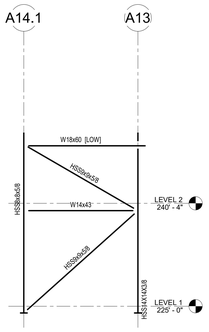
BRACED FRAME ELEVATION AT GRID C2
1/8" = 1'-0"
1



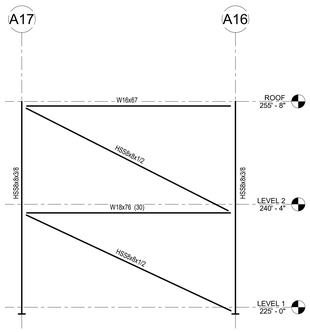
BRACED FRAME ELEVATION AT GRID C2
1/8" = 1'-0"
2



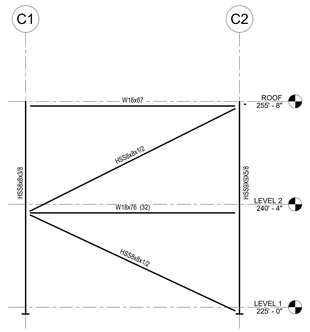
BRACED FRAME ELEVATION AT GRID 14.2
1/8" = 1'-0"
3



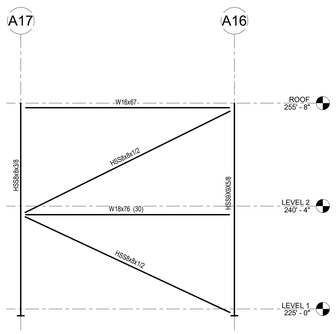
BRACED FRAME ELEVATION AT GRID AI.8
1/8" = 1'-0"
4



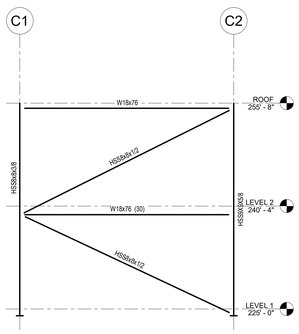
BRACED FRAME ELEVATION AT GRID AG.7
1/8" = 1'-0"
5



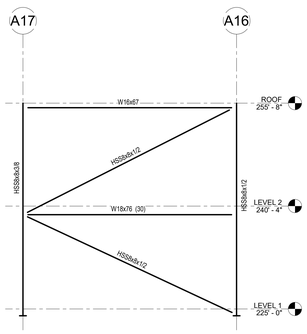
BRACED FRAME ELEVATION AT GRID CF
1/8" = 1'-0"
6



BRACED FRAME ELEVATION AT GRID AE.5
1/8" = 1'-0"
7



BRACED FRAME ELEVATION AT GRID CD
1/8" = 1'-0"
8



BRACED FRAME ELEVATION AT GRID AC.5
1/8" = 1'-0"
9

NOTES:

1. CONTRACTOR TO SUBMIT FOR REVIEW CALCULATIONS FOR BRACED FRAME AND TRUSS CONNECTIONS SIGNED AND STAMPED BY A MASSACHUSETTS LICENSED PROFESSIONAL ENGINEER.

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
83 PLEASANT STREET
WATERTOWN, MA 02472
TEL: 617.926.9200
FAX: 617.926.9201
www.rseassociates.com

BRACED FRAME ELEVATIONS

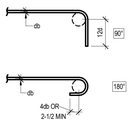
EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/8" = 1'-0"
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S207

BAR SIZE	db	FINISHED BEND DIA. "D"
#3	3/8"	2-1/4"
#4	1/2"	3"
#5	5/8"	3-3/4"
#6	3/4"	4-1/2"
#7	7/8"	5-1/4"
#8	1"	6"
#9	1-1/8"	9-1/2"
#10	1-1/4"	10-3/4"



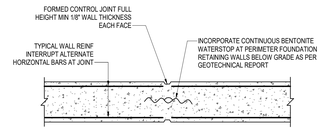
END HOOKS

BAR SIZE	db	FINISHED BEND DIA. "D"
#3	3/8"	1-1/2"
#4	1/2"	2"
#5	5/8"	2-1/2"
#6	3/4"	4-1/2"
#7	7/8"	5-1/4"
#8	1"	6"

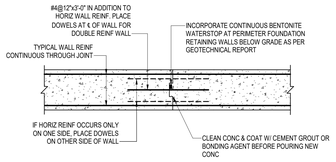


STIRRUP/TIE HOOKS

TYPICAL HOOK DETAILS 1



CONTROL JOINT

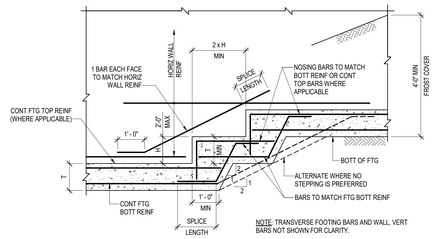


CONSTRUCTION JOINT

NOTE:

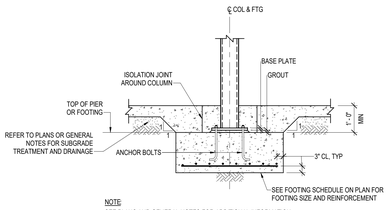
1. KEY WIDTH NOT TO EXCEED 1/3 DEPTH OF WALL.
2. VERTICAL CONSTRUCTION JOINTS SHALL BE LOCATED 4'-0" MIN AWAY FROM WALL CORNERS, FACE OF SUPPORTING PIERS OR BUTTRESSES, AND/OR WALL OPENINGS.
3. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR JOINT SPACING REQUIREMENTS. SUBMIT JOINT LOCATIONS FOR APPROVAL.

TYPICAL VERTICAL JOINTS IN CONCRETE WALL 2



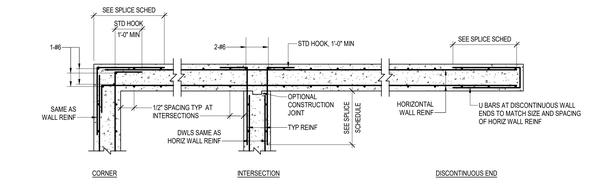
NOTE: TRANSVERSE FOOTING BARS AND WALL VERT BARS NOT SHOWN FOR CLARITY.

TYPICAL STEPPED FOOTING DETAIL AT FOUNDATION WALLS 3

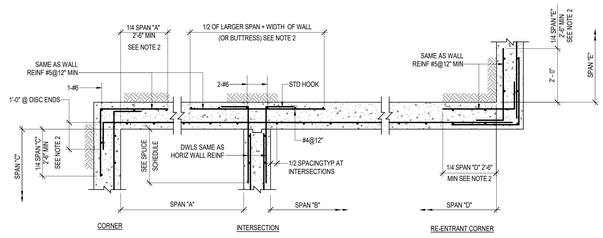


NOTE
SEE PLANS AND GENERAL NOTES FOR ADDITIONAL INFORMATION

TYPICAL INTERIOR COLUMN DETAIL 4



DOUBLE LAYER

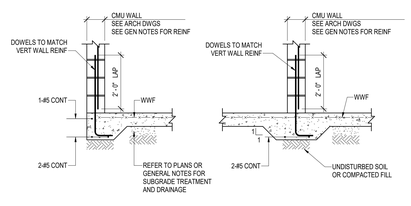


SINGLE LAYER

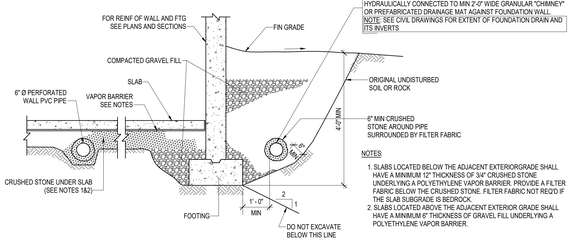
NOTES:

1. FOR WALL REINFORCEMENT, SEE FOUNDATION SECTIONS.
2. IF SPANS ARE LESS THAN 7 FEET, EXTEND REINFORCEMENT INTO ADJACENT SPAN.
3. ALL SPLICE LENGTHS ARE TENSION SPLICES PER CHARTS IN TYPICAL DETAILS.

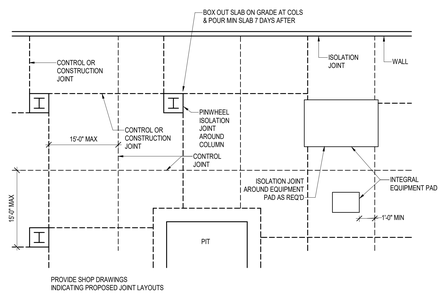
TYPICAL WALL REINFORCEMENT DETAIL 5



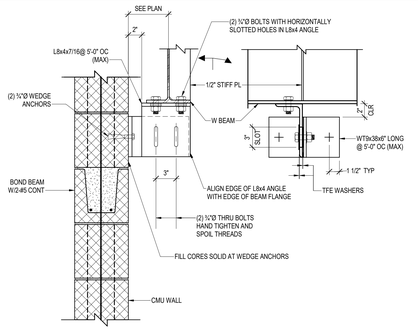
TYPICAL NON-LOAD BEARING CMU PARTITION WALL FOUNDATION DETAIL 6



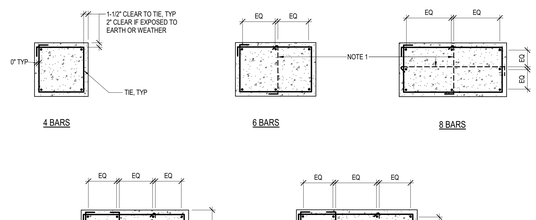
TYPICAL UNDERSLAB FILL AND FOUNDATION DRAIN DETAILS 7



LAYOUT OF CONTROL AND CONSTRUCTION JOINTS IN CONCRETE SLABS ON GRADE 8



LATERAL ANCHOR FOR CMU WALLS 9



NOTE:
1. ALTERNATE TIES MAY BE OMITTED WHERE CLEAR DISTANCE BETWEEN ADJACENT BARS IS 6" OR LESS. NO VERTICAL BAR SHALL BE UNSUPPORTED BY A TIE IN TWO DIRECTIONS UNLESS IT IS WITHIN 6" OF ANOTHER TIE.
2. SEE SCHEDULE FOR COL SIZE AND REINF. SQUARE/RECTANGULAR

TYPICAL CONCRETE COLUMN/PIER/PILASTER REINFORCEMENT 10

BAR SIZE	LAP CLASS	f'c=3,000 PSI				f'c=4,000 PSI				f'c=5,000 PSI			
		TOP BARS		OTHER BARS		TOP BARS		OTHER BARS		TOP BARS		OTHER BARS	
		CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2
#3	A	22	32	17	25	19	28	15	22	17	25	13	19
	B	28	42	22	32	24	36	19	28	22	33	17	25
#4	A	29	43	22	33	25	37	19	29	22	33	17	26
	B	37	56	29	43	32	48	25	37	29	43	22	33
#5	A	36	54	28	41	31	47	24	36	28	42	22	32
	B	47	70	36	54	40	60	31	47	36	54	28	42
#6	A	43	64	33	50	37	56	29	43	33	50	26	38
	B	56	84	43	64	48	72	37	56	43	65	33	50
#7	A	63	94	48	72	54	81	42	63	49	73	37	56
	B	81	122	63	94	70	106	54	81	63	94	49	73
#8	A	72	107	55	82	62	93	48	71	55	83	43	64
	B	93	139	72	107	80	121	62	93	72	108	55	83
#9	A	81	121	62	93	70	105	54	81	63	94	48	72
	B	105	157	81	121	91	136	70	105	81	122	63	94
#10	A	91	136	70	105	79	118	61	91	70	105	54	81
	B	118	177	91	136	102	153	79	118	91	137	70	105
#11	A	101	151	78	116	87	131	67	101	78	117	60	90
	B	131	196	101	151	113	170	87	131	101	152	78	117
#14	N/A	121	181	93	139	105	157	81	121	94	140	72	108
#18	N/A	161	241	124	186	139	209	107	161	125	187	96	114

NOTES:

1. TABULATED VALUES ARE BASED ON GRADE 60 REINFORCING BARS AND NORMAL WEIGHT CONCRETE.
2. "TENSION DEVELOPMENT LENGTHS OF STANDARD HOOKS ARE CALCULATED PER ACI 318-95, SECTION 318-95, SECTIONS 12.2.2 AND 12.15, RESPECTIVELY. TABULATED VALUES FOR BEAMS OR COLUMNS ARE BASED ON TRANSVERSE REINFORCEMENT AND CONCRETE COVER MEETING MINIMUM CODE REQUIREMENTS. LENGTHS ARE IN INCHES.
3. "CASES 1 AND 2, WHICH DEPEND ON THE TYPE OF STRUCTURAL ELEMENT, CONCRETE COVER, AND THE CENTER-TO-CENTER SPACING OF THE BARS, ARE DEFINED AS:
   BEAMS OR COLUMNS: CASE 1: COVER AT LEAST 1.0 db AND c-c SPACING AT LEAST 2.0 db
   CASE 2: COVER LESS THAN 1.0 db OR c-c SPACING LESS THAN 2.0 db
   ALL OTHERS: CASE 1: COVER AT LEAST 1.0 db AND c-c SPACING AT LEAST 3.0 db
   CASE 2: COVER LESS THAN 1.0 db OR c-c SPACING LESS THAN 3.0 db
4. LAP SPLICE LENGTHS ARE MULTIPLES OF TENSION DEVELOPMENT LENGTHS; CLASS A = 1.0 ld AND CLASS B = 1.3 ld (ACI 318-95, SECTION 12.15.1).
5. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.
6. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.3.
7. FOR EPOXY-COATED BARS, MULTIPLY THE TABULATED VALUES BY ONE OF THE FOLLOWING FACTORS:

CONCRETE COVER AND SPACING	TOP BARS	OTHER BARS
COVER < 3.0 db OR c-c SPACING < 7.0 db	1.71.3 = 1.31	1.50
COVER ≥ 3.0 db AND c-c SPACING ≥ 7.0 db	1.20	1.20

BAR SIZE	COMPRESSION DEVELOPMENT LENGTHS PER f'c (PSI)						COMPRESSION LAP SPLICE LENGTH
	3,000	4,000	5,000	6,000	7,000	8,000	
#3	9	8	8	8	8	8	12
#4	11	10	9	9	9	9	15
#5	14	12	12	12	12	12	19
#6	17	15	14	14	14	14	23
#7	19	17	16	16	16	16	27
#8	22	19	18	18	18	18	30
#9	25	22	21	21	21	21	34
#10	28	24	23	23	23	23	38
#11	31	27	26	26	26	26	43
#14	37	32	31	31	31	31	N/A
#18	50	43	41	41	41	41	N/A

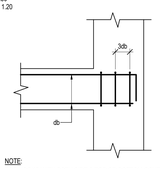
NOTES:

1. TABULATED VALUES ARE BASED ON GRADE 60 REINFORCING BARS AND NORMAL WEIGHT CONCRETE.
2. COMPRESSION DEVELOPMENT LENGTHS AND COMPRESSION LAP SPLICE LENGTHS ARE CALCULATED PER ACI 318-95, SECTIONS 12.3 AND 12.16, RESPECTIVELY. LENGTHS ARE IN INCHES.
3. FOR COMPRESSION DEVELOPMENT LENGTHS, IF BARS ARE ENCLOSED IN SPIRALS OR TIES PER ACI 318-95, SECTION 12.3.3.2 THEN A MODIFICATION FACTOR OF 0.75 MAY BE APPLIED BUT THE LENGTH MUST NOT BE LESS THAT 8 INCHES.
4. FOR COMPRESSION LAP SPLICE LENGTHS:
   A. IF BARS ARE ENCLOSED IN A TIED-REINFORCED COMPRESSION MEMBER PER ACI 318-95, SECTION 12.17.2.4, THEN A MODIFICATION FACTOR OF 0.83 MAY BE APPLIED BUT THE LENGTH MUST NOT BE LESS THAT 12 IN.
   B. IF THE BARS ARE ENCLOSED IN A SPIRALLY-REINFORCED COMPRESSION MEMBER PER ACI 318-95, SECTION 12.17.2.5, THEN A MODIFICATION FACTOR OF 0.75 MAY BE APPLIED BUT THE LENGTH MUST NOT BE LESS THAN 12 INCHES.
   C. THE TABULATED LENGTHS ARE APPLICABLE FOR ALL CONCRETE STRENGTHS OF AT LEAST 3,000 PSI.
5. ACI 318-95 DOES NOT ALLOW LAP SPLICES OF #14 OF #18 BARS, EXCEPT TO #11 OR SMALLER BARS.

BAR SIZE	f'c IN PSI					
	3000	4000	5000	6000	7000	8000
#3	9	7	7	6	6	6
#4	11	10	9	8	7	7
#5	14	12	11	10	9	9
#6	17	15	13	12	11	10
#7	19	17	15	14	13	12
#8	22	19	17	16	15	14
#9	25	22	19	18	16	15
#10	28	24	22	20	19	17
#11	31	27	24	22	21	19
#14	37	32	29	27	25	23
#18	50	43	39	35	33	31

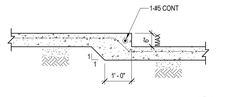
NOTES:

1. TABULATED VALUES ARE BASED ON GRADE 60 REINFORCING BARS AND NORMAL WEIGHT CONCRETE.
2. TENSION DEVELOPMENT LENGHTS OF STANDARD HOOKS ARE CALCULATED PER ACI 318-95, SECTION 318-95, SECTION 12.5. LENGTHS ARE IN INCHES.
3. FOR BAR SIZES #3 THROUGH #11 ONLY:
   A) IF CONCRETE COVER PER ACI 318-95 SECTIONS 12.5.3.2, THEN A MODIFICATION FACTOR OF 0.7 MAY BE APPLIED BUT THE LENGTH MUST NOT BE LESS THAN 8.0 db NOR 6 INCHES.
   B) IF HOOK IS ENCLOSED IN TIES OR STIRRUPS PER ACI 318-95, SECTION 12.5.3.3, THEN A MODIFICATION FACTOR OF 0.8 MAY BE APPLIED BUT THE LENGTH MUST NOT BE LESS THAN 8.0 db NOR 6 INCHES.
4. FOR EPOXY-COATED HOOKS, MULTIPLY THE TABULATED VALUES BY 1.2.

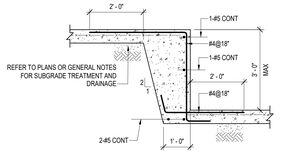


NOTE:
FOR HOOKS WITH BOTH SIDE & TOP OR BOTTOM COVER LESS THAN 2 1/2" ADD ADDL TIES PER ACI (AT DISCONTINUOUS MEMBERS ONLY) SEE DETAIL ABOVE

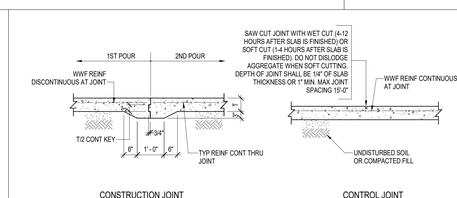
TYPICAL DEVELOPMENT AND LAP LENGTHS 12



TYPICAL STEPPED SLAB ON GRADE DETAILS 11A



TYPICAL STEPPED SLAB ON GRADE DETAILS 11B

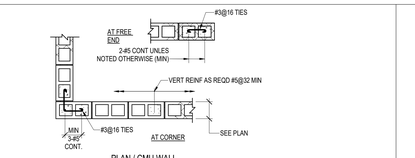


CONSTRUCTION JOINT CONTROL JOINT

NOTE:

1. FILL SAW CUTS WITH RIGID OR SEMI RIGID JOINT FILLER WHERE REQUIRED BY ARCHITECT TO HIDE OR PROTECT JOINT.
2. SEE LAYOUT DETAIL FOR LOCATIONS OF SLAB ON GRADE JOINTS.
3. WWF REINFORCEMENT SHALL BE LOCATED WITHIN UPPER THIRD OF SLAB THICKNESS, OR 2" MAX FROM TOP OF SLAB.

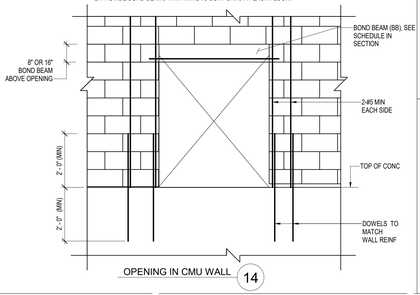
SLAB ON GRADE JOINTS 13



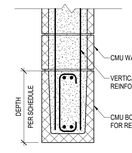
PLAN / CMU WALL

NOTES:

1. SEE SPECS FOR HORIZONTAL REINFORCEMENT REQUIREMENTS.
2. PROVIDE BOND BEAMS WITH MIN 2-#5 CONT BARS AT EACH FLOOR.



OPENING IN CMU WALL 14



CMU BOND BEAM SCHEDULE - 8" CMU

MAX OPENING LENGTH	BOND BEAM DEPTH	HORIZONTAL REINFORCEMENT	SHEAR REINFORCEMENT	MINIMUM BEARING
4' - 0"	8"	(2) #5 BARS BOTTOM	NOT REQ.	6"
7' - 0"	8"	(2) #5 BARS BOTTOM	NOT REQ.	6"
10' - 0"	16"	(2) #5 BARS BOTTOM	NOT REQ.	8"

TYPICAL BOND BEAM SCHEDULE 16

GRADE BEAM ELEVATION VIEW

NOTES:

1. FOR GRADE BEAM SIZE AND REINF, SEE GRADE BEAM SCHEDULE
2. THIS DETAIL APPLIES TO HORIZONTAL CONSTRUCTION JOINTS. CONTRACTOR TO SUBMIT PROPOSED JOINT LOCATIONS IN BEAMS FOR RENEW

TYPICAL CONCRETE GRADE BEAM CONSTRUCTION JOINT DETAIL 15

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
TEL: (617) 924-1770
FAX: (617) 926-0243
www.rseassociates.com

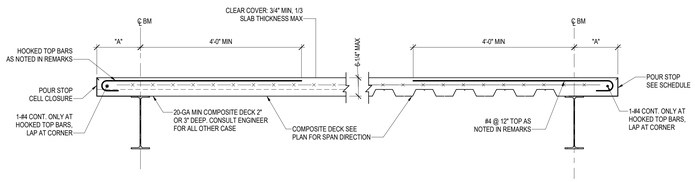
TYPICAL DETAILS

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S300

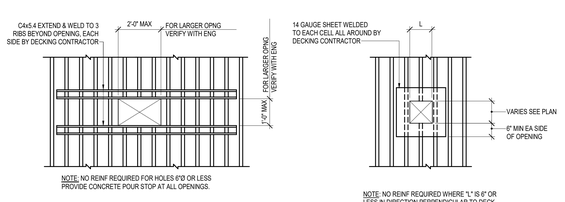


DECK ⊥ TO BEAM	
	REMARKS
A < 10"	
10" ≤ A ≤ 2'-10"	#4 @ 12" TOP

DECK ∥ TO BEAM OR STOPPING AT BEAM		
"A"	POUR STOP PLATE GAGE	REMARKS
A ≤ 6"	14	
6" < A <10"	12	
10"≤ A <12"	10	#4 @ 12" TOP
12"≤ A ≤1'-6"	1/4"	#4 @ 12" TOP

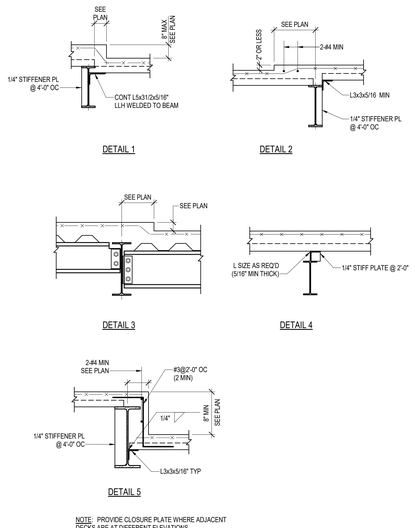
1. SEE PLANS AND ARCHITECT DRAWINGS FOR EDGE OF SLAB DISTANCES.
2. "FOR A > 1'-6" WHERE DECK SPAN IS PARALLEL TO THE BEAM OR A > 2'-10" WHERE DECK IS PERPENDICULAR AND EXTENDS PAST BEAM. NOTIFY ENGINEER.
3. FOR 1/4" THICK POUR STOPS, WELD TO BEAM FLANGE WITH 3/16" FILLET WELD, 3@12, B.S.

TYPICAL EDGE OF SLAB DETAIL 1



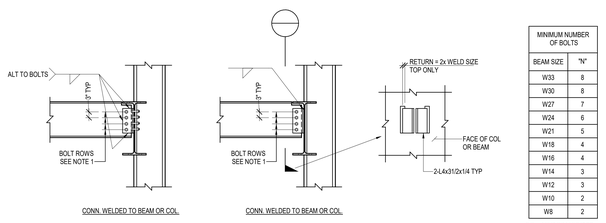
NOTES:
1. FOR OPTION 2, METAL DECK SHALL NOT BE CUT UNTIL CONCRETE HAS CURED.
2. CONTRACTOR SHALL SELECT REINFORCEMENT OPTION BASED ON OPENING SIZE.
3. COORDINATE SIZE, LOCATION AND QUANTITY WITH MECHANICAL AND ARCHITECTURAL DRAWINGS.

REINFORCEMENT AT OPENINGS IN SLABS WITH COMPOSITE METAL DECK 2



NOTE: PROVIDE CLOSURE PLATE WHERE ADJACENT DECKS ARE AT DIFFERENT ELEVATIONS

TYPICAL DETAILS FOR SLAB DEPRESSION ON STEEL DECK 3



MINIMUM NUMBER OF BOLTS	
BEAM SIZE	"N"
W33	8
W30	8
W27	7
W24	6
W21	5
W18	4
W16	4
W14	3
W12	3
W10	2
W8	2

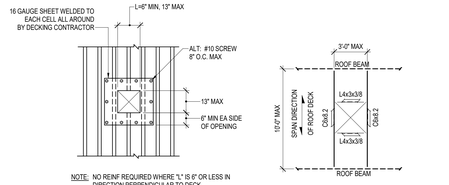
"N" = MINIMUM NUMBER OF BOLT ROWS

DOUBLE ANGLE CONNECTIONS TO BEAM OR COLUMN

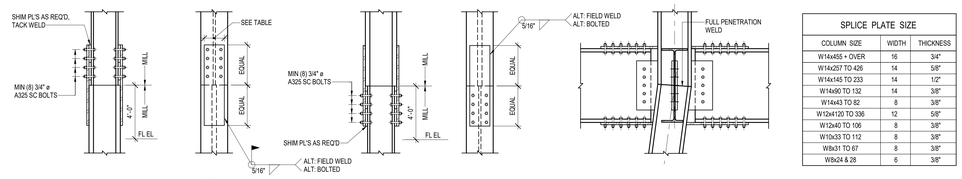
NOTE: CONN SIMILAR WHEN CONNECTING TO GIRDER OR COLUMN (SHOWN DASHED)

NOTES:
1. SIMPLE SHEAR CONNECTIONS SHALL BE DESIGNED FOR THE REACTION SHOWN ON THE DRAWINGS OR THE GREATEST OF THE FOLLOWING:
   a. REACTION FROM AISC MANUAL OF STEEL TABLES FOR BEAMS FOR APPLICABLE BEAM MATERIAL AS PER GENERAL NOTES.
   b. MINIMUM NUMBER OF BOLTS, SEE TABLE.
2. BOLTS SHALL BE 3/4" DIAMETER A325 MINIMUM U.O.N..
3. PROVIDE WEB REINFORCING AS REQUIRED DUE TO WEB CUTS, COPES ETC..
4. DESIGN OF DOUBLE ANGLE CONNECTIONS SHALL BE BASED ON THE LATEST AISC PROCEDURES SHOWN IN THE AISC MANUAL OF STEEL CONSTRUCTION.
5. FACTOR FOR CONVERSION OF LOADS FROM SERVICE TO ULTIMATE SHALL BE EQUAL TO 1.6.
6. ALTERNATE CONNECTION SYSTEM (SINGLE ANGLE, SEATED, ETC) MAY BE USED ONLY UPON SPECIFIED APPROVAL OF THE ENGINEER OF RECORD. DETAILER SHALL SUBMIT WRITTEN REQUESTS FOR USE OF ALTERNATE CONNECTIONS TO THE ARCHITECT AND ENGINEER OF RECORD.

TYPICAL SIMPLE SHEAR CONNECTION DETAIL 4



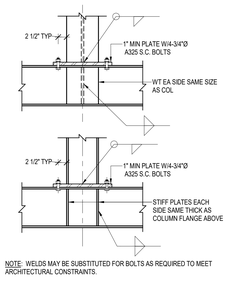
FRAMING FOR OPENINGS IN STEEL ROOF DECK (NO CONCRETE) 5



NOTE:
IF COLUMN DEPTHS DIFFER MORE THAN 2 TIMES FLANGE THICKNESS, FOLLOW AISC STANDARD DETAILS AND DEVELOP CONNECTION FOR BEARING CAPACITY OF SMALLER COLUMN. SUBMIT DETAIL FOR REVIEW.

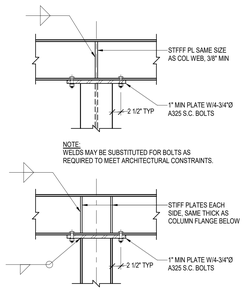
SPLICE PLATE SIZE		
COLUMN SIZE	WIDTH	THICKNESS
W14x455 + OVER	16	3/4"
W14x257 TO 426	14	5/8"
W14x145 TO 233	14	1/2"
W14x90 TO 132	14	3/8"
W14x43 TO 82	8	3/8"
W12x4120 TO 336	12	5/8"
W12x40 TO 106	8	3/8"
W10x33 TO 112	8	3/8"
W8x31 TO 67	8	3/8"
W8x24 & 28	6	3/8"

TYPICAL COLUMN SPLICES FOR GRAVITY COLUMNS 6

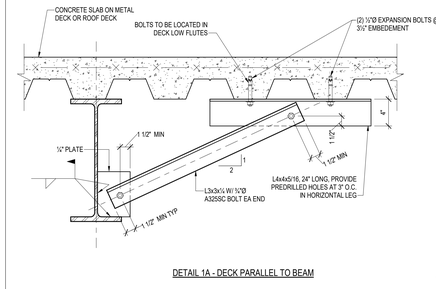


NOTE: WELDS MAY BE SUBSTITUTED FOR BOLTS AS REQUIRED TO MEET ARCHITECTURAL CONSTRAINTS.

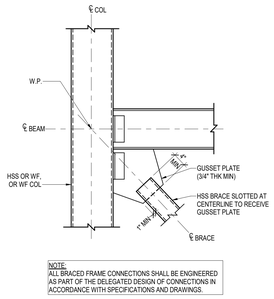
TYPICAL COLUMN OR POST OVER BEAM 7



TYPICAL BEAM OVER COLUMN 8

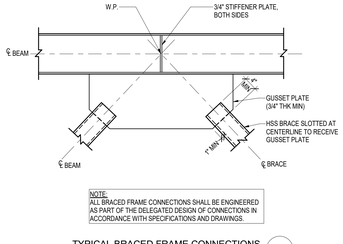


TYPICAL KICKER CONNECTION DETAILS 9



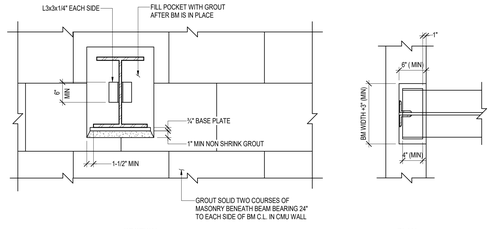
NOTE:
ALL BRACED FRAME CONNECTIONS SHALL BE ENGINEERED AS PART OF THE DELEGATED DESIGN OF CONNECTIONS IN ACCORDANCE WITH SPECIFICATIONS AND DRAWINGS.

TYPICAL BRACED FRAME AND TRUSS CONNECTIONS 10

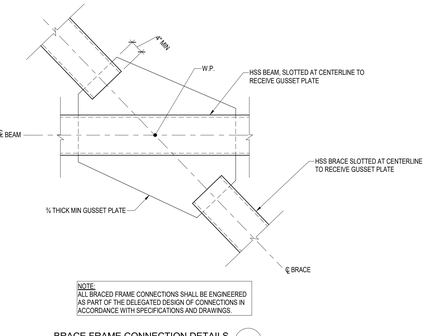


NOTE:
ALL BRACED FRAME CONNECTIONS SHALL BE ENGINEERED AS PART OF THE DELEGATED DESIGN OF CONNECTIONS IN ACCORDANCE WITH SPECIFICATIONS AND DRAWINGS.

TYPICAL BRACED FRAME CONNECTIONS 11

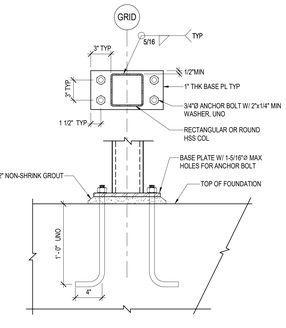


BEAM POCKETS 12

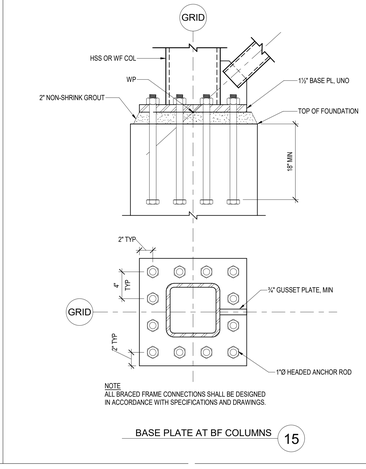


NOTE:
ALL BRACED FRAME CONNECTIONS SHALL BE ENGINEERED AS PART OF THE DELEGATED DESIGN OF CONNECTIONS IN ACCORDANCE WITH SPECIFICATIONS AND DRAWINGS.

BRACE FRAME CONNECTION DETAILS 13



TYPICAL HSS BASE PLATE DETAIL 14



NOTE
ALL BRACED FRAME CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH SPECIFICATIONS AND DRAWINGS.

BASE PLATE AT BF COLUMNS 15

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
PH: (617) 926-9440
FAX: (617) 926-9301
www.rseassociates.com

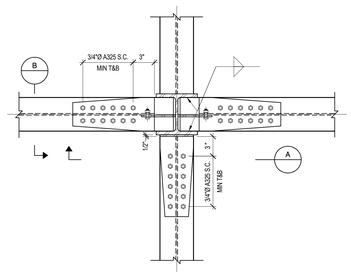
TYPICAL DETAILS

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

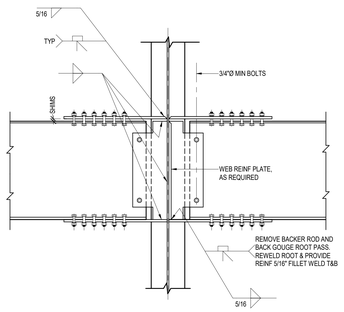
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

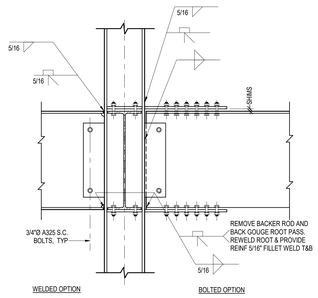
S301



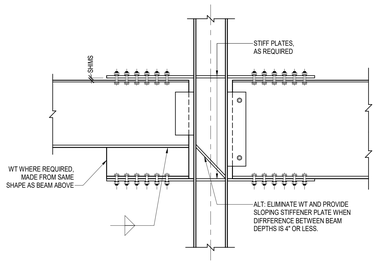
PLAN



SECTION A



SECTION B

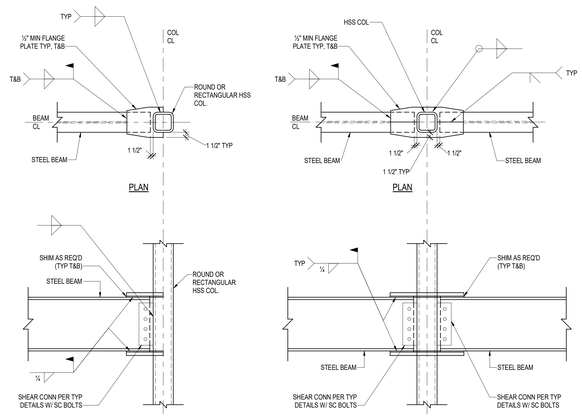


DIFFERENT DEPTH BEAMS

NOTE:

1. WELDS AND BOLTS FOR MOMENT CONNECTION MUST DEVELOP MOMENTS AS INDICATED ON DRAWINGS.
2. MOMENT PLATES SHALL BE 1/4" THICK MINIMUM.
3. WELD MAY BE SUBSTITUTED FOR BOLTS UPON APPROVAL OF AN EQUIVALENT DETAIL BY ENGINEER.
4. PROVIDE WEB REINFORCING WHERE REQUIRED DUE TO WEB CUTS FOR CONNECTIONS.
5. FILLER METAL USED IN CRITICAL WELDS IN BEAM TO COLUMN CONNECTIONS SHALL HAVE A MINIMUM CHARPHY V-NOTCH VALUE OF 20 FT-LBS AT 40° F FOR FULLY ENCLOSED AND HEATED BUILDINGS AND 20 FT-LBS AT 0° F FOR OTHER BUILDINGS.

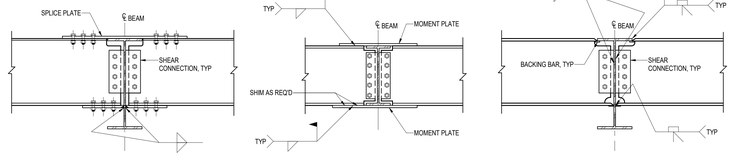
TYPICAL MOMENT CONNECTION DETAILS 1



NOTES:

1. ALTERNATE CONNECTION DETAILS MAY BE SUBMITTED FOR APPROVAL BY SER.
2. ALL MOMENT FRAME CONNECTIONS SHALL BE ENGINEERED AS PART OF THE DELEGATED DESIGN OF CONNECTIONS IN ACCORDANCE WITH SPECIFICATIONS AND DRAWINGS.

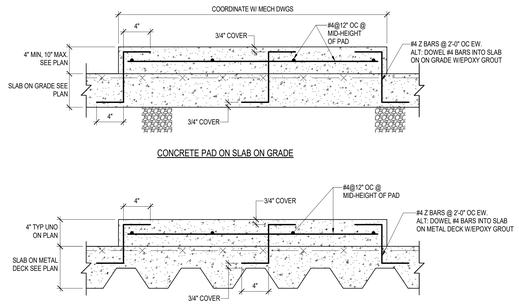
TYPICAL BEAM HSS TO COLUMN MOMENT CONNECTION DETAILS 2



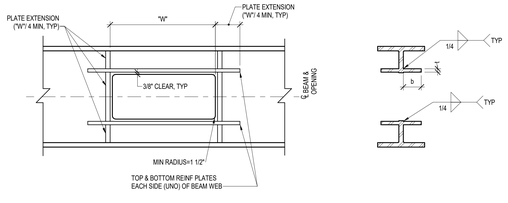
NOTES:

1. SHEAR CONNECTION SHALL BE DESIGNED FOR THE BEAM END REACTIONS PER GENERAL NOTES.
2. DESIGN MOMENT PLATES FOR THE FULL MOMENT CAPACITY OF THE SMALLER BEAM UNLESS NOTED OTHERWISE.

TYPICAL BEAM TO GIRDER MOMENT CONNECTION DETAILS 3



TYPICAL MECHANICAL PAD DETAIL 4



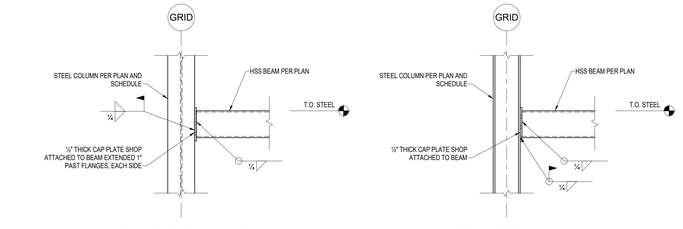
BEAM WEB PENETRATION SCHEDULE

MARK	SIZE (WxD)	"b" WIDTH x "t" THICKNESS	REINFORCING DETAIL

NOTES:

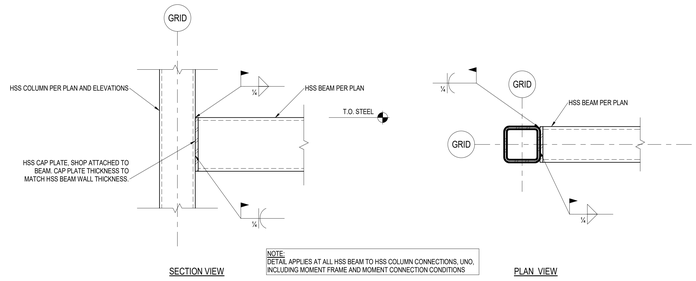
1. SEE PLAN FOR MARK AND LOCATION.
2. ALL OPENINGS TO BE CENTERED AT BEAM MID-DEPTH.
3. AN ADDITIONAL 2 STUDS PER FOOT (IN ADDITION TO STUDS SHOWN ON PLAN) ARE REQUIRED FOR 2'-0" BEYOND EACH END OF OPENING.
4. COORDINATE ALL BEAM PENETRATION WITH HVAC, PLUMBING, AND ELECTRICAL CONTRACTORS.

TYPICAL DETAIL OF BEAM WEB PENETRATION 5



NOTE:
THESE DETAILS APPLY TO ALL HSS BEAMS TO WIDE FLANGE COLUMN CONNECTIONS. ALTERNATE BOLTED CONNECTION DETAILS MAY BE SUBMITTED FOR APPROVAL BY SER. ALTERNATE CONNECTIONS NEED TO BE DESIGNED FOR 25 K-FT ASD TORSION AND SHEAR FORCES AS NOTED IN PLAN

TYPICAL HSS BEAM TO WIDE FLANGE COLUMN CONNECTION 6



NOTE:
DETAIL APPLIES AT ALL HSS BEAM TO HSS COLUMN CONNECTIONS, UNO, INCLUDING MOMENT FRAME AND MOMENT CONNECTION CONDITIONS

TYPICAL HSS COLUMN TO HSS BEAM CONNECTION 7

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
PH: (617) 926-9440
FAX: (617) 926-9301
www.rseassociates.com

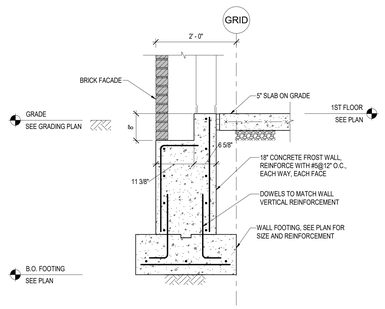
TYPICAL DETAILS

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

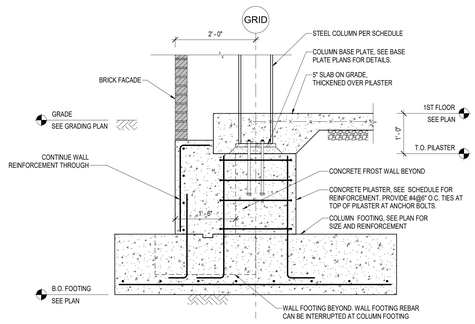
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

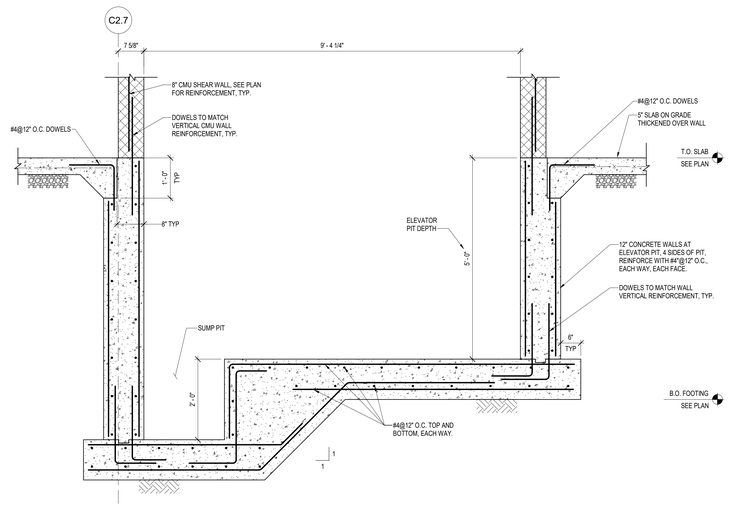
S302



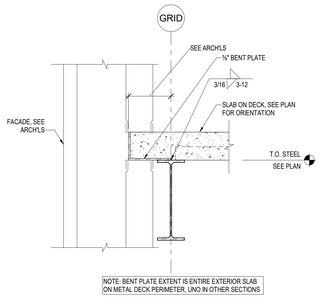
TYPICAL FOUNDATION SECTION
3/4" = 1'-0" 1



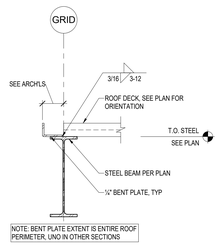
FOUNDATION SECTION AT PILASTER
3/4" = 1'-0" 2



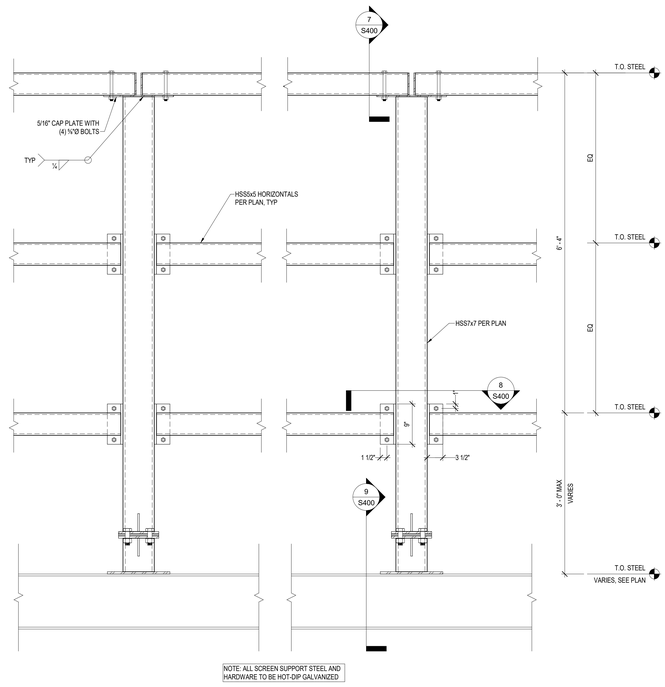
ELEVATOR PIT SECTION
3/4" = 1'-0" 3



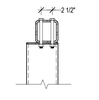
TYPICAL EXTERIOR EDGE OF SLAB SECTION
1" = 1'-0" 4



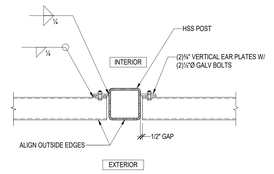
TYPICAL ROOF EDGE SECTION
1" = 1'-0" 5



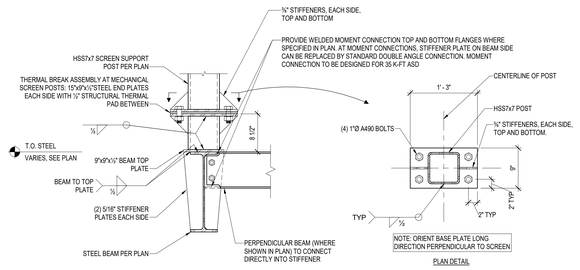
MECHANICAL SCREEN ELEVATION
1" = 1'-0" 6



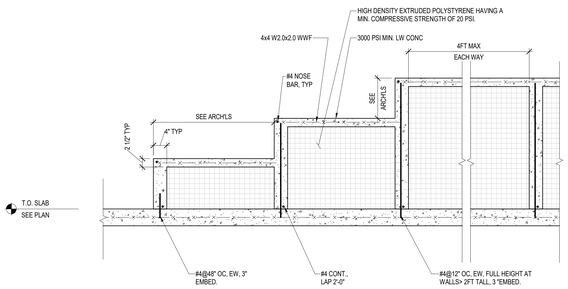
SECTION
1" = 1'-0" 7



SECTION
1" = 1'-0" 8



MECHANICAL SCREEN POST BASE CONNECTION
1" = 1'-0" 9



STEPPED SEATING SECTION
3/4" = 1'-0" 10

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
RSE ASSOCIATES Inc.
STRUCTURAL ENGINEERS
95 PLEASANT STREET
WATERTOWN, MA 02472
PH: (617) 924-1770
FAX: (617) 926-0243
www.rseassociates.com

SECTIONS AND DETAILS

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	AB, GC, ES
REVISIONS:	

DD SET

S400

ABBREVIATIONS:

A	
ABAN	ABANDON
ABBRV	ABBREVIATION
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ASC	ABOVE SUSPENDED CEILING
ACS PNL	ACCESS PANEL
AHJ	AUTHORITY HAVING JURISDICTION
ABD	AUTOMATIC BALL DRIP
ASKLR	AUTOMATIC SPRINKLER
ASD	AUTOMATIC SPRINKLER DRAIN
ASR	AUTOMATIC SPRINKLER RISER
ATS	AUTOMATIC TRANSFER SWITCH
B	
BFP	BACKFLOW PREVENTER
BOP	BOTTOM OF PIPE ELEVATION
C	
CLG	CEILING
CLDI	CEMENT LINED DUCTILE IRON
CL	CENTERLINE
C TO C	CENTER TO CENTER
CHKV	CHECK VALVE
CONN	CONNECT
CONT	CONTINUE
CONTR	CONTRACTOR
CP	CONTROL PANEL
COORD	COORDINATE
CTE	CONNECT TO EXISTING
D	
DEMO	DEMOLITION
DIAG	DIAGRAM
DIA	DIAMETER
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DR	DRAIN PIPE
DWG	DRAWING
DACV	DRY ALARM CHECK VALVE
DS	DRY SPRINKLER PIPE
DSP	DRY STANDPIPE
E	
EB	ELECTRC BELL
EL	ELEVATION
EC	ELECTRICAL CONTRACTOR
EX	EXAMPLE
EXST	EXISTING
ETR	EXISTING TO REMAIN
EXP	EXPANSION
EJ	EXPANSION JOINT
F	
FM	FACTORY MUTUAL
FIN FLR	FINISH FLOOR
FF EL	FINISH FLOOR ELEVATION
FACP	FIRE ALARM CONTROL PANEL
FDC	FIRE DEPARTMENT CONNECTION
FDCC	FIRE DEPARTMENT CONNECTION CABINET
FDV	FIRE DEPARTMENT VALVE
FDVC	FIRE DEPARTMENT VALVE CABINET
FH	FIRE HOSE
FHC	FIRE HOSE CABINET
FH	FIRE HYDRANT
F	FIRE LINE
FP	FIRE PROTECTION
FPC	FIRE PROTECTION CONTRACTOR
FPW	FIRE PROTECTION WATER SUPPLY
FPCP	FIRE PUMP CONTROL PANEL
FSH	FIRE SPRINKLER HEAD
FSP	FIRE STANDPIPE
FLR	FLOOR
FL SW	FLOW SWITCH
G	
GAL	GALLON
GPM	GALLONS PER MINUTE
GC	GENERAL CONTRACTOR
H	
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
HYD	HYDRANT
HYDR	HYDRAULIC
I	
IN	INCHES
ITS	INSPECTOR'S TEST STATION
J	
JPCP	JOCKEY PUMP CONTROL PANEL
K	
KEC	KITCHEN EQUIPMENT CONTRACTOR
L	
LFPC	LIMIT OF FIRE PROTECTION CONTRACT
M	
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MIN	MINIMUM
N	
NAS	NO AUTOMATIC SPRINKLER
NS	NO SCALE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O	
OC	ON CENTER
P	
PEND	PENDANT
PC	PLUMBING CONTRACTOR
PIV	POST INDICATOR VALVE
PSI	POUNDS PER SQUARE INCH
PACV	PRE-ACTION CONTROL VALVE
PA	PRE-ACTION SPRINKLER PIPE
PRV	PRESSURE REGULATOR VALVE
PS	PRESSURE SWITCH
R	
RE	REMOVE, EXISTING
RV	RELIEF VALVE
REQD	REQUIRED
S	
SCH	SCHEDULE
SD	SMOKE DETECTOR
SPKLR	SPRINKLER
SAV	SPRINKLER ALARM VALVE
SPR	SPRINKLER LINE
SF	SQUARE FOOT
SP	STANDPIPE
ST PR	STATIC PRESSURE
T	
TOP	TOP OF PIPE ELEVATION
TS	TAMPER SWITCH
TYP	TYPICAL
U	
UON	UNLESS OTHERWISE NOTED
V	
VIF	VERIFY IN FIELD
W	
WIV	WALL INDICATOR VALVE
WACV	WET ALARM CHECK VALVE
WS	WET SPRINKLER PIPE
WI	WITH
W/O	WITHOUT

SYMBOLS:

		LIGHT LINE INDICATES EXISTING PIPING
		HEAVY LINE INDICATES NEW PIPING
		DOUBLE LINE INDICATES BURIED PIPING
	AIP	ABANDON IN PLACE
	RE	EXISTING PIPING TO BE REMOVED
	ETR	EXISTING TO REMAIN
	CTE	CONNECT TO EXISTING
EXISTING TO BE REMOVED / EXISTING TO REMAIN	C&C	CUT & CAP
		LIMITS OF DEMOLITION
F	F	FIRE MAIN PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.)
F	F	FIRE MAIN PIPING ABOVE GRADE
WS	WS	WET SPRINKLER PIPING
DS	DS	DRY SPRINKLER PIPING
DR	DR	DRAIN PIPING
PA	PA	PREACTION SPRINKLER PIPING
SP	SP	STANDPIPE PIPING
FM	FM	FM 200 PIPING
IN	IN	INERGEN PIPING
ANTI	ANTI	ANTIFREEZE SPRINKLER PIPING
TH	TH	FIRE PUMP TEST HEADER PIPING
FDC	FDC	FIRE DEPT. CONNECTION PIPING
A/1		DENOTES ZONE (SECTOR/FLOOR)
	DV	DRAIN VALVE
	DN	PIPE DOWN THROUGH FLOOR
	UP	PIPE UP THROUGH FLOOR ABOVE
		PIPE DROP OR RISE
		CONCENTRIC REDUCER
		ECCENTRIC REDUCER
		PIPE CAP
		PIPE BREAK
		UNION
EJ		FLEXIBLE CONNECTOR (EXPANSION JOINT)
		STRAINER
	WTS	WATERTIGHT SLEEVE
		GUIDE
		PRESSURE GAUGE
		SHUT-OFF VALVE (TYPE PER SPECS)
		SHUT-OFF VALVE WITH TAMPER SWITCH
	VIV	VALVE IN VERTICAL
	VIV	VALVE IN VERTICAL WITH TAMPER SWITCH
		RELIEF VALVE
	FS	FLOW SWITCH
	PRV	PRESSURE REGULATING VALVE
	CV	CHECK VALVE
DO	CV	CHECK VALVE WITH AUTOMATIC BALL DRIP
		FLOW ARROW
		PITCH DOWN (REFER TO SPEC.)
		PIPING EXPANSION LOOP
	AP	ACCESS PANEL
	TB	THRUST BLOCK
TS	TS	TAMPER SWITCH
PS	PS	PRESSURE SWITCH

	DCVA	DOUBLE CHECK VALVE ASSEMBLY WITH TAMPER SWITCHES
		ELECTRIC BELL
	WMG	WATER MOTOR GONG
	WACV	WET ALARM CHECK VALVE
	DACV	DRY ALARM CHECK VALVE
	PACV	PRE-ACTION CONTROL VALVE (OR CABINET)
	PIV	POST INDICATOR VALVE
H		HEAT DETECTOR
S		SMOKE DETECTOR
TH	TH	PUMP TEST HEADER
	FDC	FIRE DEPARTMENT CONNECTION
	RM	ROOF MANIFOLD
	FDC	FIRE DEPARTMENT CONNECTION (STORZ TYPE WITH 45° ANGLE FITTING)
	FDV-1	FIRE DEPARTMENT VALVE & TYPE
	FDVC-1	FIRE DEPARTMENT VALVE CABINET (SURFACE MOUNT) & TYPE
	FDVC-1	FIRE DEPARTMENT VALVE CABINET (RECESSED) & TYPE
	FCVA(A/1)	FLOOR CONTROL VALVE ASSEMBLY & SECTOR/FLOOR
		HYDRAULIC REFERENCE POINT
		PENDENT/RECESSED SPRINKLER
EC		PENDENT /RECESSED SPRINKLER (EXTENDED COVERAGE)
		UPRIGHT SPRINKLER
		CONCEALED SPRINKLER
EC		CONCEALED SPRINKLER (EXTENDED COVERAGE)
		SIDEWALL SPRINKLER
EC		SIDEWALL SPRINKLER (EXTENDED COVERAGE)
DP		DRY PENDENT SPRINKLER
DS		DRY SIDEWALL SPRINKLER
212		HIGH TEMERATURE (212) SPRINKLER (SEE TYPE)
G		SPRINKLER (SEE TYPE) W/ GUARD
		EXISTING SPRINKLER TO BE REMOVED
		WINDOW SPRINKLER
P		EXISTING SPRINKLER TO BE REMOVED AND PLUG PIPING ABOVE CEILING
		EXISTING SPRINKLER TO REMAIN
		EXISTING SPRINKLER TO BE RELOCATED (REMOVE EXISTING AND PROVIDE NEW)

RISER DESIGNATOR — SERVICE DESIGNATOR (A / 1) — DRAWING WHERE RISERS OCCUR (P-40X) — RISER DIAGRAM DESIGNATION

DETAIL NUMBER (5) — DRAWING WHERE DETAIL OCCURS (P-501) — DETAIL REFERENCE

EQUIPMENT TYPE (HTR) — EQUIPMENT NUMBER (1) — EQUIPMENT TAG (ELECTRICAL EQUIPMENT)

FIRE PROTECTION WORK NOTES:

1. THE FIRE PROTECTION CONTRACT DRAWINGS ARE THE TIER ONE DRAWINGS (780 CMR 901.2.1) "PRELIMINARY PLANS" DEFINED BY NFPA 13, A.22.1 PREPARED FOR PRELIMINARY SUBMISSION TO THE AUTHORITIES HAVING JURISDICTION TO OBTAIN A PERMIT. THE "BID DOCUMENTS" INDICATE A PARTIAL DESIGN AND DESCRIBE THE DESIGN CRITERIA TO BE USED BY THE INSTALLING CONTRACTOR WHO FINALIZES THE SYSTEM LAYOUT AND PROVIDES HYDRAULIC CALCULATIONS FOR THE INSTALLED SYSTEMS. THE PRELIMINARY PLANS ONLY SHOW THE TENTATIVE LOCATION OF MAJOR PIPING INCLUDING MAINS, RISERS, AND FIRE DEPARTMENT CONNECTIONS. THE SPRINKLER AND PIPING LAYOUTS AND PIPE SIZES SHOWN ON THE CONTRACT DRAWINGS ARE TO DEFINE THE BASIC SCOPE FOR PERMITTING AND ARE NOT INTENDED TO BE COMPLETE TAKE OFF BID DOCUMENTS FOR COMPETITIVE BIDDING. THE DRAWINGS ARE DIAGRAMMATIC AND SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS TO PROVIDE COMPLETE FULLY FUNCTIONAL AND CODE COMPLIANT SYSTEMS.
2. THE WORK OF THE FIRE PROTECTION CONTRACT INCLUDES:
   -780 CMR 901.2.1 TIER 2 AND TIER 3 DOCUMENTS
   -PREPARATION OF WORKING DRAWINGS AS DEFINED BY NFPA 13
   -COMPLETE SPRINKLER PROTECTION IN COMPLIANCE WITH NFPA 13
   -PERFORM HYDRANT FLOW TEST TO CONFIRM THE AVAILABLE WATER SUPPLY

FIRE PROTECTION GENERAL NOTES:

1. THE FIRE PROTECTION SYSTEM SHALL BE DESIGNED TO COMPLY WITH THE ADOPTED LOCAL AND NFPA 13 REQUIREMENTS, AS WELL AS INSURANCE UNDERWRITER FM GUIDELINES: FINAL DESIGN SHALL BE BASED ON THIS CRITERIA.
2. EXAMINE ALL CONTRACT DOCUMENTS FOR ALL TRADES. THE F.P.C. SHALL COORDINATE ALL ELECTRICAL, PLUMBING & HVAC REQUIREMENTS WITH THE ELECTRICAL, PLUMBING AND HVAC CONTRACTORS.
3. DRAWINGS ARE DIAGRAMMATIC ONLY; FINAL ROUTING OF PIPING AND EQUIPMENT LOCATIONS SHALL BE DETERMINED IN THE FIELD. ADDITIONAL OFFSETS, ELBOWS, ETC., SHALL BE PROVIDED AND INSTALLED WITHOUT ADDITIONAL COST TO THE OWNER.
4. VERIFY THE INTEGRITY, CONDITION AND LOCATION OF EXISTING PIPING WHICH IS TO BE REUSED. IF PIPING CANNOT BE REUSED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER TO DETERMINE EXTENT OF REPLACEMENT.
5. VERIFY IN FIELD EXACT LOCATIONS, PIPE ELEVATIONS AND PIPE SIZES OF EXISTING SPRINKLER PIPING (BRANCH AND MAIN) AND SPRINKLER HEADS PRIOR TO ANY WORK.
6. TAKE CARE AND PROTECT EXISTING SPRINKLER HEAD (S) AND PIPING TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
7. COORDINATE ALL ELECTRICAL, PLUMBING & HVAC REQUIREMENTS WITH THE ELECTRICAL, PLUMBING AND HVAC CONTRACTORS.
8. FURNISH AND INSTALL ALL INCIDENTAL ACCESSORIES/SUPPLEMENTAL STEEL NECESSARY TO MAKE THE FIRE PROTECTION WORK COMPLETE AND READY FOR OPERATION.
9. INFORM AND COORDINATE WITH THE OWNER AND FIRE DEPARTMENT ALL NECESSARY INTERRUPTIONS TO EXISTING BUILDING SYSTEMS AND SERVICE THAT MAY AFFECT THE NORMAL OPERATION OF OCCUPIED PORTIONS OF THE BUILDING. THE OWNER AND FIRE DEPARTMENT SHALL BE INFORMED OF ANY INTERRUPTIONS AT LEAST 72 HOURS IN ADVANCE, AND GRANT PERMISSION OF EACH SHUT-DOWN. PROVIDE COSTS FOR ANY FIRE WATCH OR TEMPORARY SERVICE REQUIRED BY FIRE DEPARTMENT TO REDUCE OR ELIMINATE UNPROTECTED AREAS AT ANY TIME DURING DEMOLISHED CONSTRUCTION. PROVIDE AN IMPAIRMENT PLAN TO THE LOCAL FIREBUILDING DEPARTMENTS PRIOR TO INSTALLATION.
10. INFORM THE OWNER WELL IN ADVANCE OF ANY WORK TO BE UNDERTAKEN IN OCCUPIED AREAS OF THE BUILDING ASSOCIATED WITH THIS PROJECT. THE FIRE PROTECTION CONTRACTOR SHALL CONFORM TO THE OWNER'S CRITERIA FOR WORK HOURS, ENVIRONMENTAL ISOLATION, AND NOISE LIMITS IN THE PORTIONS OF THE BUILDING WHICH REMAIN OCCUPIED DURING CONSTRUCTION.
11. PERFORM HYDRANT FLOW TEST AND PROVIDE HYDRAULIC CALCULATIONS FOR THE INSTALLED SYSTEMS.
12. PROVIDE COORDINATED, HYDRAULICALLY SIZED, AND FULLY DESIGNED SPRINKLER FABRICATION DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO ANY WORK, FABRICATION, OR ORDERING OF ANY MATERIALS. INCLUDED IN THIS SUBMISSION SHALL BE STAMPED AND SIGNED DRAWINGS AND HYDRAULIC CALCULATIONS OF THE ENTIRE FACILITY, AS WELL AS SEISMIC RESTRAINT LOCATIONS AND DESIGN. THIS SHALL ALL BE PROVIDED AFTER COORDINATION DRAWINGS ARE SUBMITTED AND APPROVED FOR LAYOUT.
13. PROVIDE COORDINATION DRAWINGS FOR REVIEW BY ARCHITECT, ENGINEER AND INSURANCE UNDERWRITER (FM) PRIOR TO FABRICATION OR INSTALLATION. COORDINATE THE WORK OF THE FIRE PROTECTION CONTRACT WITH THE WORK OF THE MECHANICAL, PLUMBING, ELECTRICAL, AND TELE/DATA CONTRACTS. RESOLVE LOCATION AND DIMENSION CONFLICTS PRIOR TO FABRICATING AND INSTALLING THE WORK.
14. REFER TO SPRINKLER SYSTEM DESIGN CRITERIA SCHEDULE FOR THE SYSTEM HYDRAULIC DESIGN REQUIREMENTS. PROVIDE A PLACARD CONTAINING THE SYSTEM HYDRAULIC REQUIREMENTS AND MOUNT THE PLACARD AT THE SYSTEM RISER.
15. ALL SYSTEM PIPING, FITTINGS, DEVICES, VALVES, AND SPRINKLERS SHALL BE UL LISTED AND FM APPROVED FOR THE SERVICE AND USE INTENDED.
16. FLOW AND TAMPER SWITCHES WILL BE PROVIDED BY FIRE PROTECTION CONTRACTOR, HOWEVER, ALL ELECTRICAL WIRING IS BY OTHERS. FIRE PROTECTION CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE WITH THE APPROPRIATE SUBCONTRACTOR.
17. ALL SPRINKLER PIPING SHALL BE AT LEAST 1" SIZE, AND AS REQUIRED BY HYDRAULIC CALCULATIONS.
18. NEW SPRINKLERS SHALL MATCH THE THERMAL SENSITIVITY, RESPONSE TIME, PROTECTION AREA, AND SPACING OF THE EXISTING SPRINKLERS THAT ARE TO REMAIN WITHIN THE SAME COMPARTMENT.
19. ALL THREADED PIPE SHALL BE BLACK STEEL OR EQUAL (2" AND SMALLER).
20. ALL GROOVED PIPE SHALL BE BLACK STEEL, SCHEDULE-10 OR EQUAL (2-1/2" AND LARGER).
21. FITTINGS SHALL BE CLASS 125 THREADED CAST IRON ANSI B16.4.
22. ALL PIPING SHALL BE EARTHQUAKE BRACED AS OUTLINED IN NFPA 13 / FM DATA SHEET 2-8.
23. ALL HANGER COMPONENTS AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 / FM DATA SHEETS.
24. ALL NEW PIPING IS TO BE HYDROSTATICALLY TESTED AT 200 PSI A PERIOD NOT LESS THAN TWO HOURS.

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

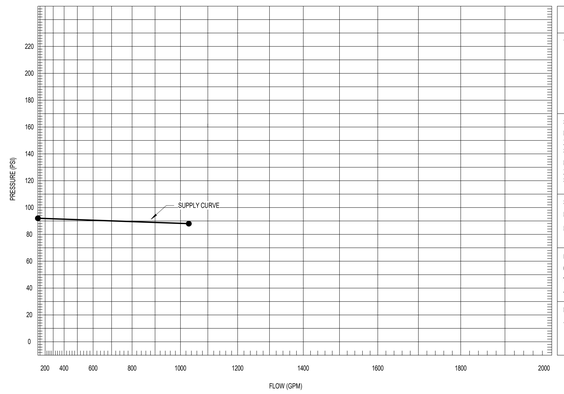
LEGEND AND NOTES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	NTS
DRAWN BY:	JW/PCE
REVISIONS:	

DD SET

F001



WATER SUPPLY TEST DATA

TEST INFO: FROM HYDRANT FLOW TEST

SPRINKLER DEMAND POINT
REMOTE AREA 1:
XXX GPM @ XX.X PSI (INCLUDING ADDITIONAL 250 GPM HOSE STREAM ALLOWANCE)
REMOTE AREA 2:
XXX GPM @ XX.X PSI (INCLUDING ADDITIONAL 250 GPM HOSE STREAM ALLOWANCE)

STATIC PRESSURE:	92	PSI
RESIDUAL PRESSURE:	88	PSI
FLOW	1030	GPM

DATE TESTED:
03/21/23
TIME:
-

PERFORMED BY:
-

WATER SUPPLY GRAPH-N $^{1.85}$ HYDRAULIC GRAPH / FLOW TEST DATA

SPRINKLER HEAD SCHEDULE

SYMBOL	MANUFACTURER / MODEL NUMBER	K-FACTOR	DEFLECTOR TYPE	RESPONSE	NOMINAL THREAD SIZE	TEMP RATING	COATINGS AND FINISHES	APPROVALS AND LISTINGS
	VICTAULIC / REliABLE / VIKING / TYCO F1FR56	5.6	PENDENT	QUICK	1/2"	155°F	BRASS	UL & FM
	GS-56	5.6	CONCELAED PENDANT	QUICK	1/2"	155°F	WHITE	UL & FM
	F1FR56	5.6	UPRIGHT	QUICK	1/2"	155°F	BRASS	UL & FM
	ESR-2087	5.6	WINDOW SPRINKLER	QUICK	1/2"	155°F	-	ICC ES
DP	GS-56 DRY	5.6	CONCEALED DRY PENDENT	QUICK	1/2"	155°F	-	UL & FM

*COORDINATE FINISH OF ALL PENDENT SPRINKLER COVERPLATES WITH ARCHITECT.

SPRINKLER SYSTEM DESIGN CRITERIA

DESIGN CRITERIA IN ACCORDANCE WITH NFPA REQUIREMENTS

AREA DESCRIPTION	NFPA OCCUPANCY CLASSIFICATION	DESIGN DENSITY (GPM/SQ. FT.)	CALCULATION AREA (SQ. FT.)	HOSE ALLOWANCE (GPM)	MAX. AREA (SQ. FT.)
PUBLIC SPACES, OFFICE SPACES, CLASSROOMS	LIGHT HAZARD	0.10	1500	100	225
LOADING DOCK	ORDINARY HAZARD GROUP I	0.15	1500	250	130
DATA/HEAD END, ELECTRICAL	ORDINARY HAZARD GROUP I	0.15	1500	250	130
KITCHEN AND STORAGE AREAS	ORDINARY HAZARD GROUP I	0.15	1500	250	130
MECHANICAL SPACES	ORDINARY HAZARD GROUP I	0.15	1500	250	130
GYM	LIGHT HAZARD	0.10	1500	100	225
AUDITORIUM, STAGE	LIGHT HAZARD	0.10	1500	100	225
LIBRARY	LIGHT HAZARD	0.10	1500	100	225
SCIENCE ROOMS	LIGHT HAZARD	0.10	1500	100	225

WATER SUPPLY INFORMATION

DATE	TIME	CONDUCTED BY	SOURCE TYPE	HYDRANT NUMBER	STATIC (PSI)	RESIDUAL (PSI)	FLOW (GPM)
03/21/2023	-	-	HYDRANT FLOW TEST	3069	92	88	1030

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

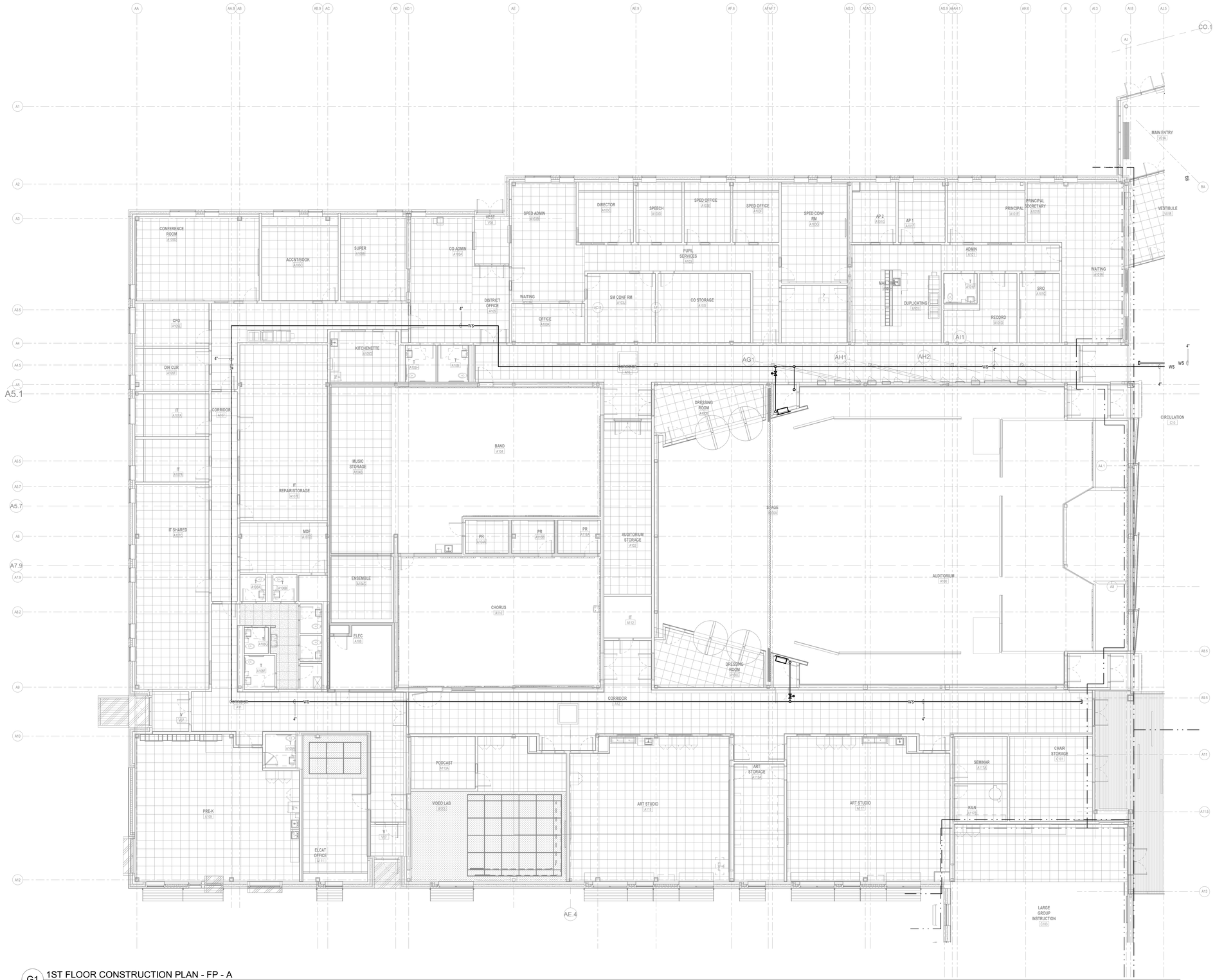
SITE PLAN AND HYDRAULIC DATA

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	NTS
DRAWN BY:	JW/PCE
REVISIONS:	

DD SET

F002



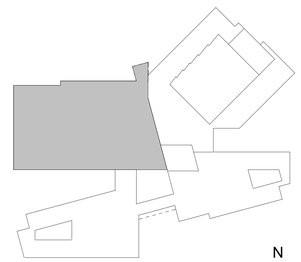
FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING

LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS

G1 1ST FLOOR CONSTRUCTION PLAN - FP - A
SCALE: 1/8" = 1'-0"



KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 CONSTRUCTION PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

DD SET

F101.1

FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING			
LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS

G1 1ST FLOOR CONSTRUCTION PLAN - FP - B
SCALE: 1/8" = 1'-0"

KEY PLAN - B WING
SCALE: 1" = 100'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 CONSTRUCTION PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

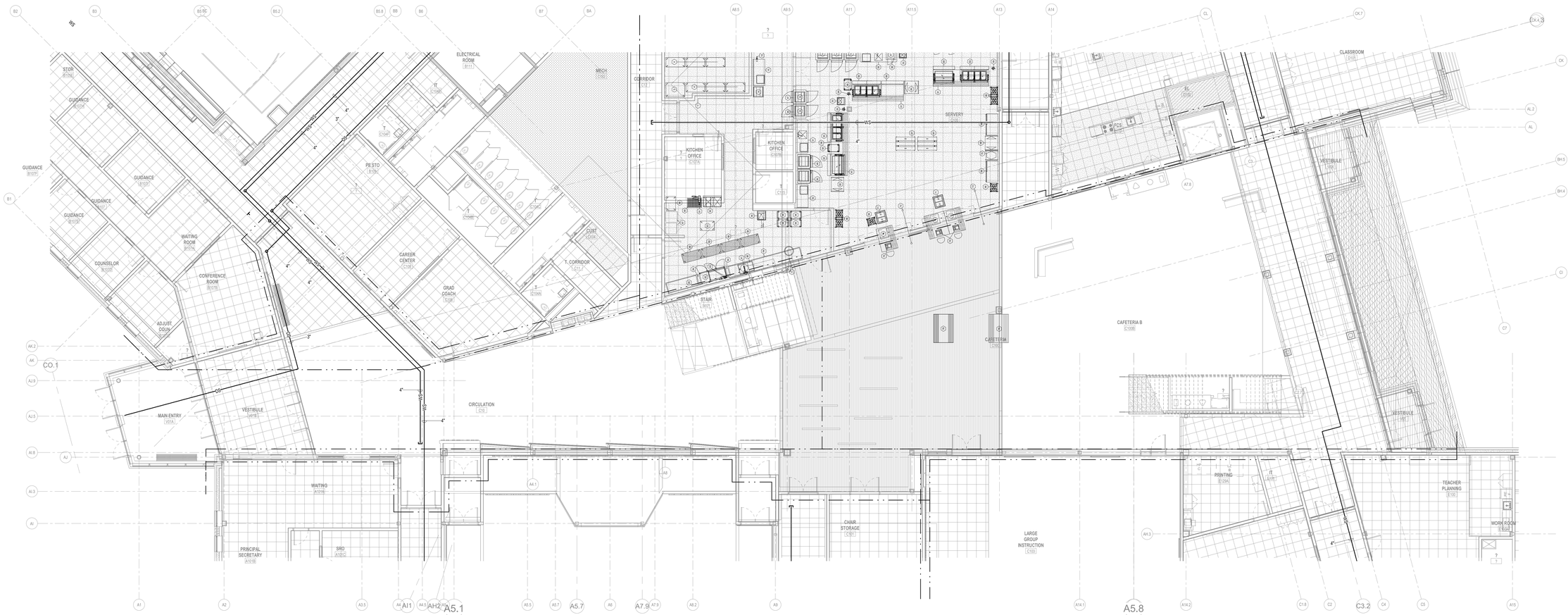
DD SET

F101.2

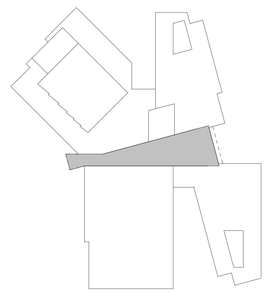
FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING			
LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS



F1 1ST FLOOR CONSTRUCTION PLAN - FP - C
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

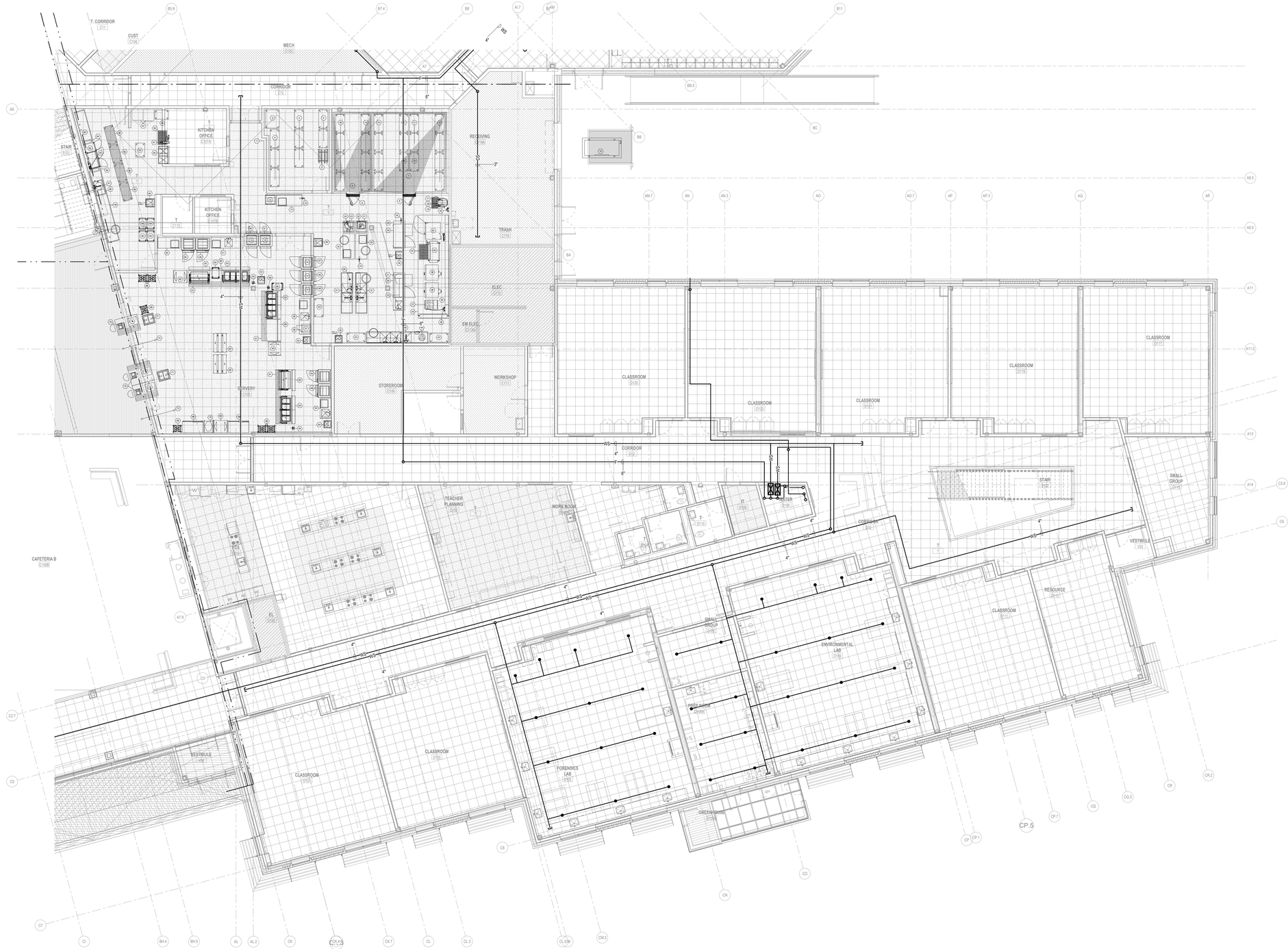
LEVEL 1 CONSTRUCTION PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

DD SET

F101.3



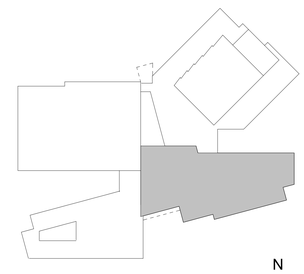
FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING

LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS

G1 1ST FLOOR CONSTRUCTION PLAN - FP - D
SCALE: 1/8" = 1'-0"



KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 CONSTRUCTION PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

DD SET

F101.4

FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING

LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS

G1 1ST FLOOR CONSTRUCTION PLAN - FP - E
SCALE: 1/8" = 1'-0"

KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

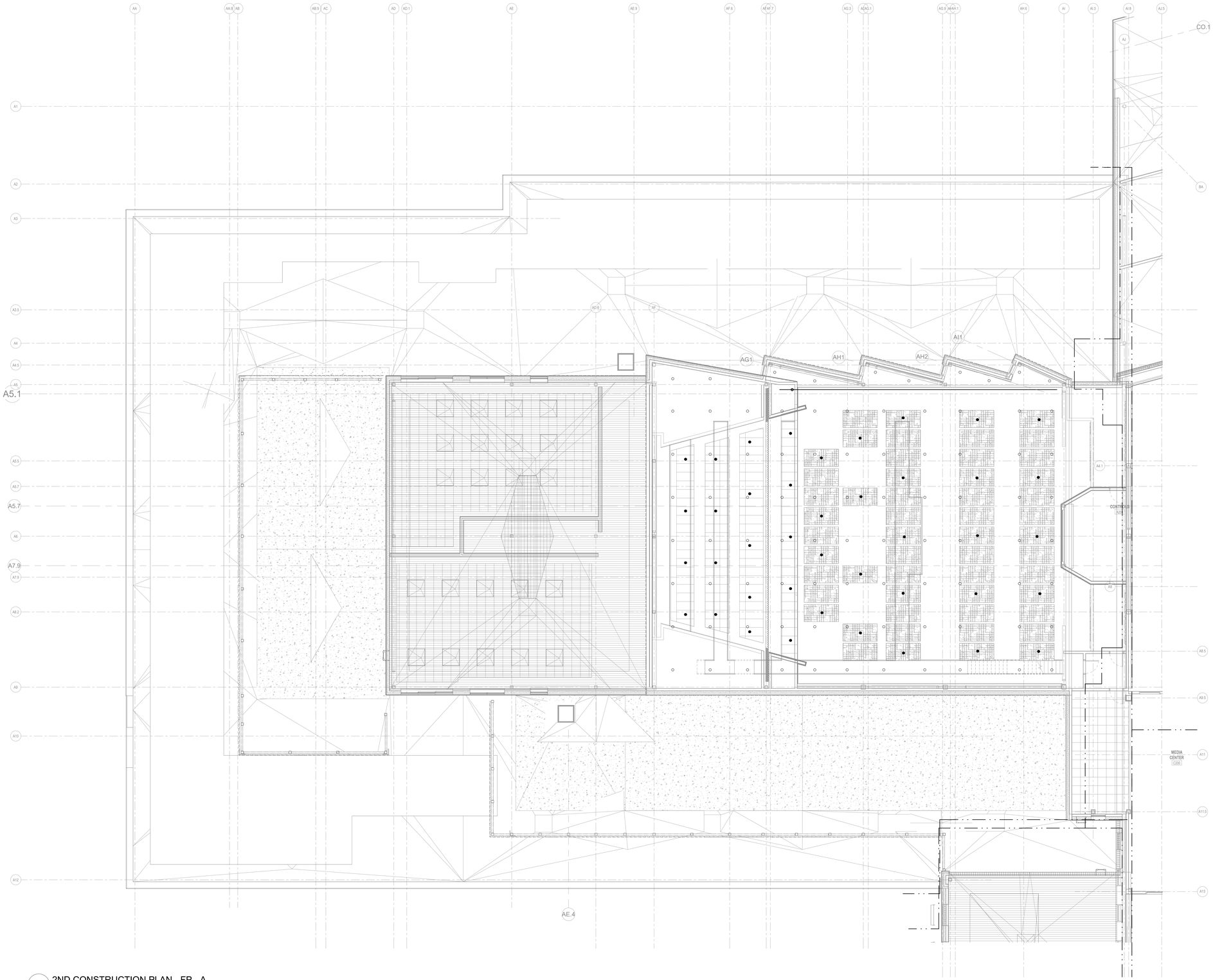
LEVEL 1 CONSTRUCTION PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

DD SET

F101.5

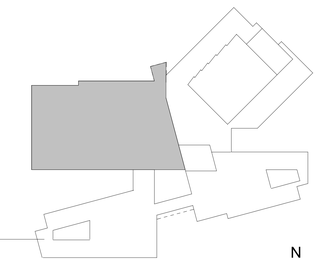


G1 2ND CONSTRUCTION PLAN - FP - A
SCALE: 1/8" = 1'-0"

FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING			
LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS



KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

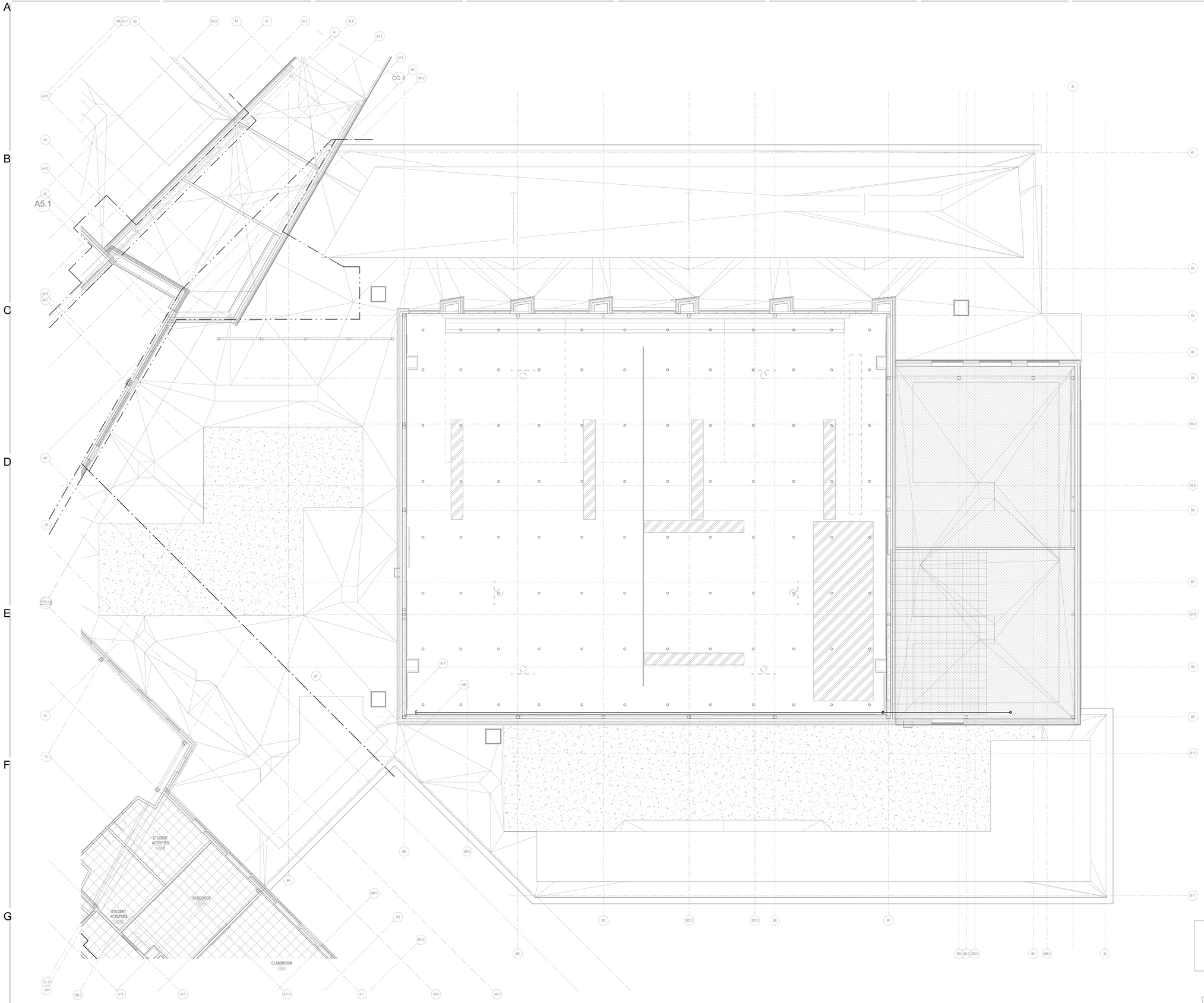
LEVEL 2 CONSTRUCTION PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

DD SET

F102.1

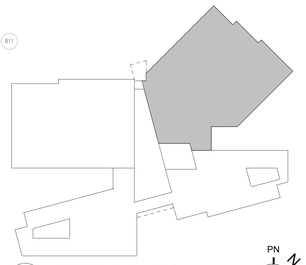


FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING			
LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS

G1 2ND CONSTRUCTION PLAN - FP - B
SCALE: 1/8" = 1'-0"



KEY PLAN - B WING
SCALE: 1" = 100'-0"

PN

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 CONSTRUCTION PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

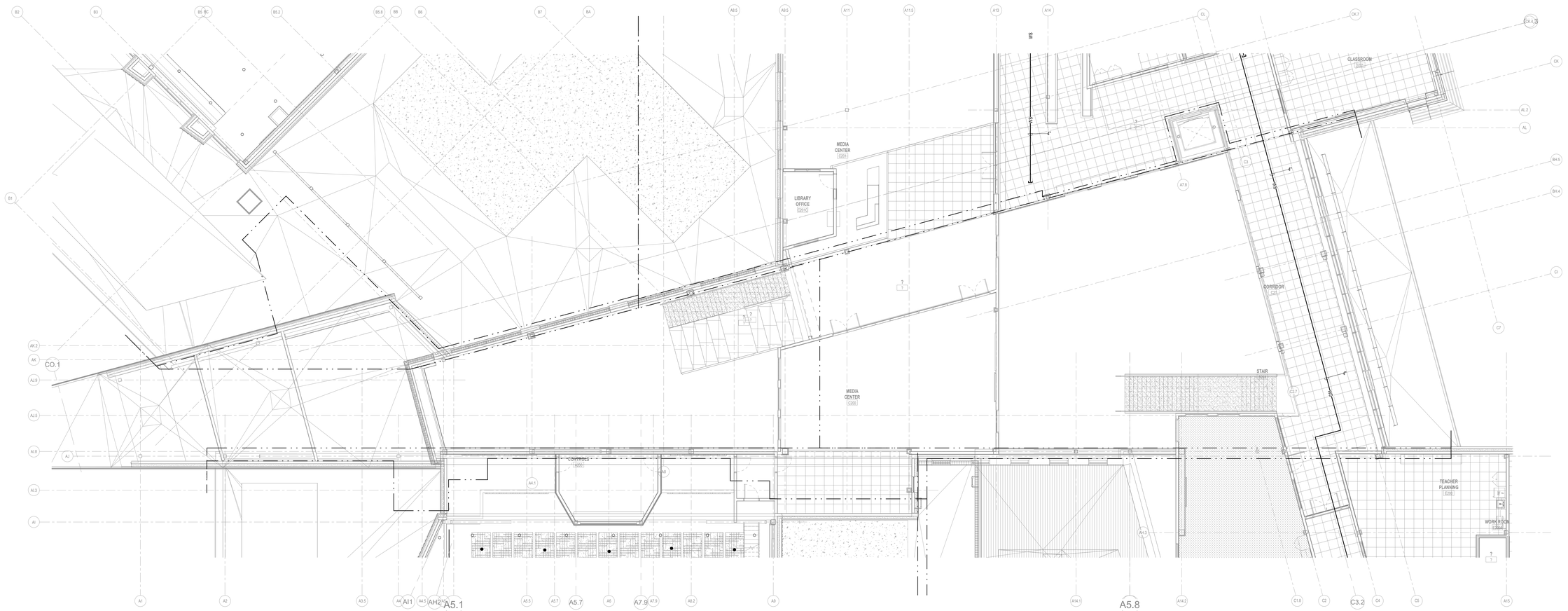
DD SET

F102.2

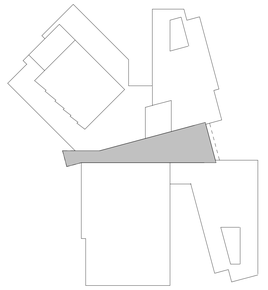
FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING			
LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS



1 2ND CONSTRUCTION PLAN - FP - C
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 CONSTRUCTION PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

DD SET

F102.3

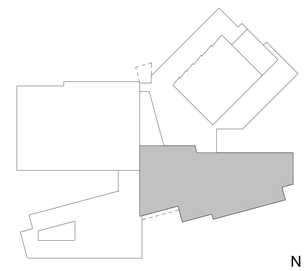


FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING			
LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS

G1 2ND CONSTRUCTION PLAN - FP - D
SCALE: 1/8" = 1'-0"



KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

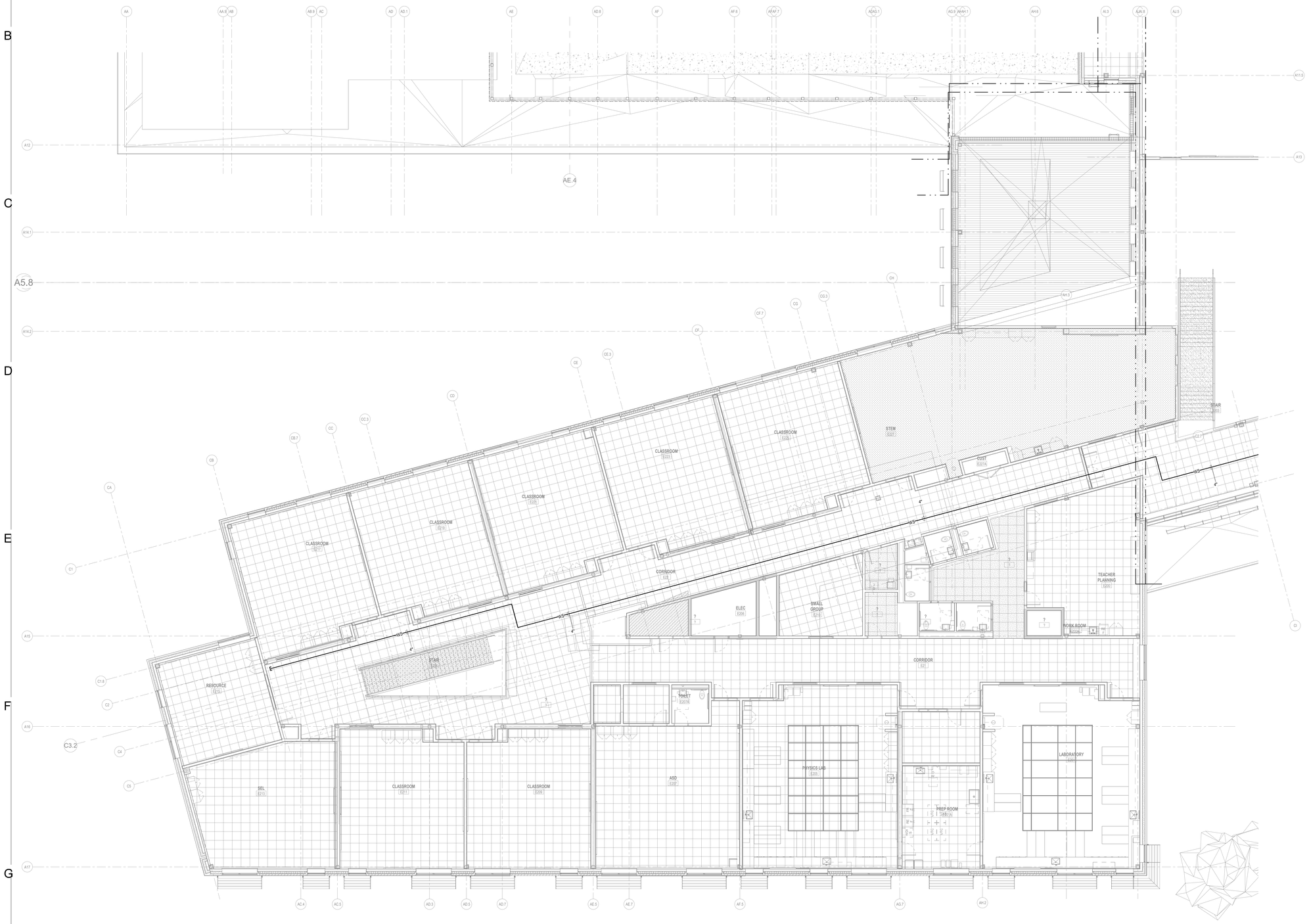
LEVEL 2 CONSTRUCTION PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

DD SET

F102.4



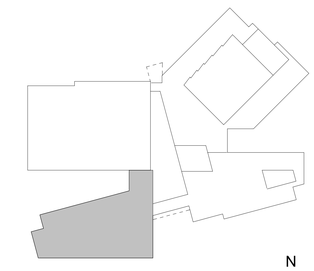
FIRE PROTECTION SHEET NOTES

1. PROVIDE SPRINKLERS BELOW EXPOSED DUCTWORK AND OTHER SIMILAR FIXED OBSTRUCTIONS WHICH ARE OVER 4-FEET WIDE. REFER TO MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS.
2. COORDINATE SPRINKLER LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE WITH LIGHTING, DIFFUSERS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF CEILING MOUNTED OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER PROTECTION AS REQUIRED AT CEILING MOUNTED OBSTRUCTIONS IN ACCORDANCE WITH THE OBSTRUCTION REQUIREMENTS OF NFPA 13.
3. PROVIDE LOW POINT DRAINS AT SYSTEM LOW POINTS IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
4. PROVIDE UPRIGHT SPRINKLERS IN ROOMS/AREAS WITHOUT CEILINGS. PROVIDE CONCEALED SPRINKLERS IN AREAS WITH FINISHED CEILINGS.
5. ALL EXPOSED PIPING IN FINISHED SPACES (UNLESS CLEARLY INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS) WILL BE INSTALLED AS HIGH AS POSSIBLE, TIGHT TO STRUCTURE ABOVE. THIS EXPOSED PIPING IS TO ALSO BE INSTALLED IN A CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. FULLY COORDINATED FABRICATION DRAWINGS WILL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO ANY FABRICATION OR INSTALLATION.

PIPE SIZING

LIGHT HAZARD		ORDINARY HAZARD	
1 IN.	2 SPRINKLERS	1 IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	10 SPRINKLERS
2 1/2 IN.	30 SPRINKLERS	2 1/2 IN.	20 SPRINKLERS
3 IN.	60 SPRINKLERS	3 IN.	40 SPRINKLERS
3 1/2 IN.	100 SPRINKLERS	3 1/2 IN.	65 SPRINKLERS
4 IN.	SEE NFPA 13 SECTION 8.2	4 IN.	100 SPRINKLERS

G1 2ND CONSTRUCTION PLAN - FP - E WING
SCALE: 1/8" = 1'-0"



KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

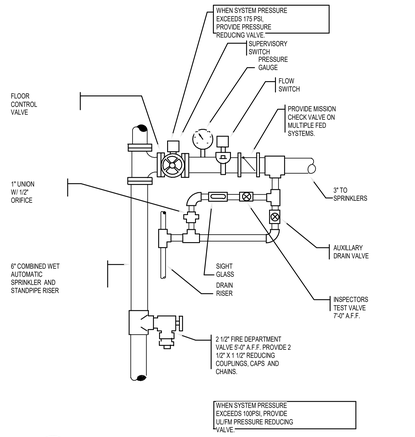
LEVEL 2 CONSTRUCTION PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

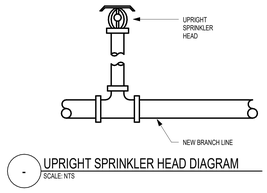
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	RRC
REVISIONS:	

DD SET

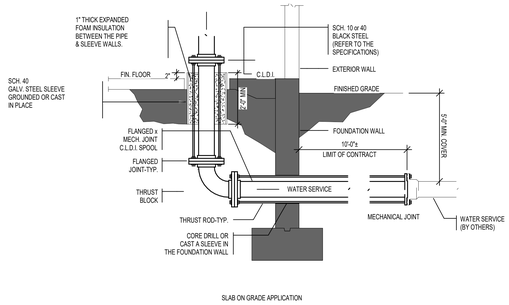
F102.5



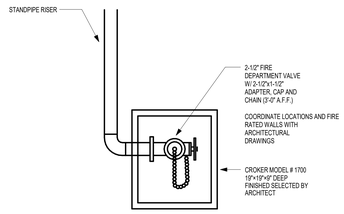
FCVA1
SCALE: NTS



UPRIGHT SPRINKLER HEAD DIAGRAM
SCALE: NTS



SLAB ON GRADE APPLICATION



FIRE DEPARTMENT VALVE CABINET (FDVC)
SCALE: NTS

NOTES:

1. ALL INSTALLATIONS SHALL BE IN COMPLIANCE WITH NFPA 24, 13, (AND 20 WHERE THE SERVICE SUPPLIES A FIRE PUMP).
2. SOCKET CLAMP ASSEMBLIES SHALL INCLUDE WASHERS. GRINNELL FIG'S. 595 AND 594, OR APPROVED EQUAL.

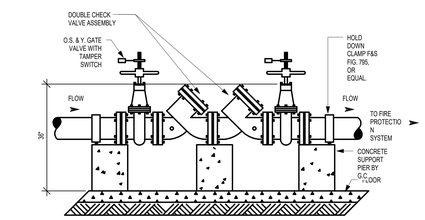
   AFTER INSTALLATION, ALL BURIED RESTRAINT DEVICES SHALL BE CLEANED AND COATED WITH A BITUMINOUS OR OTHER CORROSION RETARDING MATERIAL.

C.L.D.I. = CEMENT LINED DUCTILE IRON.

NOMINAL PIPE SIZE, (IN.)	NUMBER & SIZE OF THRUST RODS	SOCKET CLAMP SIZE (NOTE 2)	SLEEVE/CORE SIZE, (IN.)
4	(2) 5/8"	1/2" x 2"	8
6	(2) 5/8"	1/2" x 2"	10
8	(2) 3/4"	5/8" x 2-1/2"	12
10 *	(4) 5/8"	N/A	14

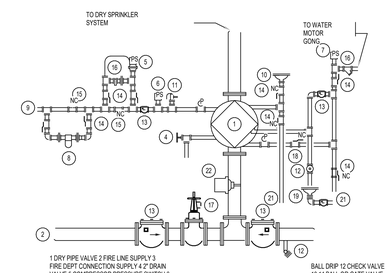
* MECHANICAL JOINT APPLICATION.

FIRE SERVICE ENTRANCE DIAGRAM
SCALE: NTS



NOTES:
1. DOUBLE CHECK VALVE ASSEMBLY SHALL BE MIN.-763" MAX. FROM FINISH FLOOR TO TOP OF DEVICE MIN. CLEARANCE OF 12" FROM FACE OF
2. SUPPORTS AT DEVICE SHALL IN NO MANNER WITH THE OPERATION, TESTING, & SERVICING OF THE INCLUDING THE INTEGRAL RELIEF VALVE &
3. FURNISH TO OWNER ONE TEST KIT AND SPARE
4. REFER TO FLOOR PLAN FOR SIZE.

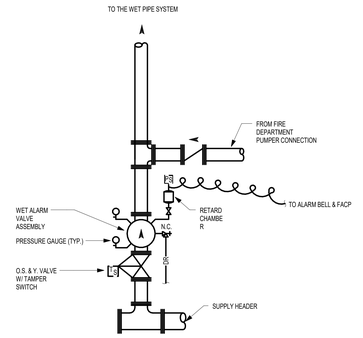
DOUBLE CHECK VALVE ASSEMBLY (DCVA) DIAGRAM
SCALE: NTS



1 DRY PIPE VALVE 2 FIRE LINE SUPPLY 3 FIRE DEPT CONNECTION SUPPLY 4 2" DRAIN VALVE 5 COMPRESSOR PRESSURE SWITCH 6 HIGH-LOW PRESSURE SWITCH TROUBLE ALARM 7 FIRE ALARM PRESSURE SWITCH 8 AIR DRYER 9 AIR SUPPLY FROM COMPRESSOR 10 PRIMER FILL CUP 11 PRESSURE RELIEF VALVE

BALL DRIP 12 CHECK VALVE 13 14 BALL OR GATE VALVE 15 NORMALLY CLOSED BY-PASS STRAINER 16 17 TAMPER ALARM SWITCH 18 INSPECTORS TEST VALVE DRIP CUP 19 NOT USED 20 21 SPILL INTO DRAIN WATER FLOW ALARM SWITCH 22.

DRY ALARM CHECK VALVE ASSEMBLY (DACV)
SCALE: NTS



WET ALARM CHECK VALVE ASSEMBLY (WACV)
SCALE: NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS SHEET 1

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	NTS
DRAWN BY:	RRC
REVISIONS:	

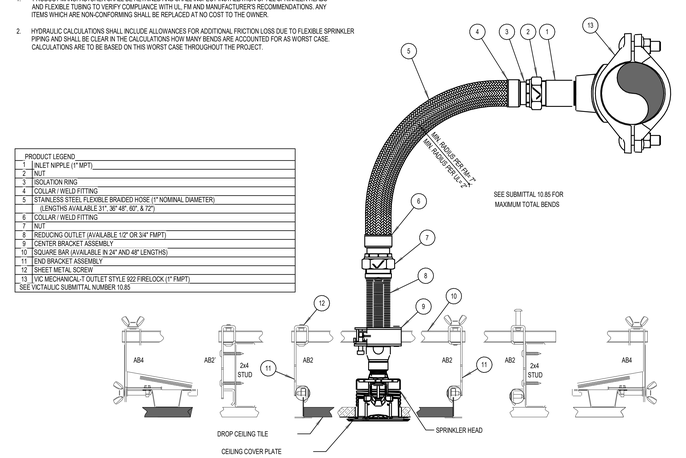
DD SET

F501

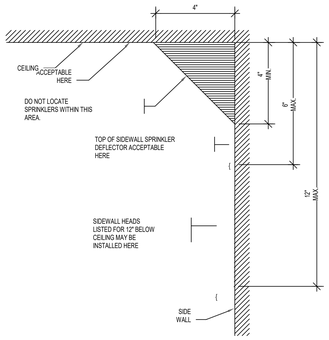
NOTE:
1. PRODUCT MANUFACTURER SHALL BE RETAINED AND SHALL INSPECT INSTALLATION OF ALL SPRINKLER HEADS AND FLEXIBLE TUBING TO VERIFY COMPLIANCE WITH UL, FM AND MANUFACTURER'S RECOMMENDATIONS. ANY ITEMS WHICH ARE NON-CONFORMING SHALL BE REPLACED AT NO COST TO THE OWNER.

2. HYDRAULIC CALCULATIONS SHALL INCLUDE ALLOWANCES FOR ADDITIONAL FRICTION LOSS DUE TO FLEXIBLE SPRINKLER PIPING AND SHALL BE CLEAR IN THE CALCULATIONS HOW MANY BENDS ARE ACCOUNTED FOR AS WORST CASE. CALCULATIONS ARE TO BE BASED ON THIS WORST CASE THROUGHOUT THE PROJECT.

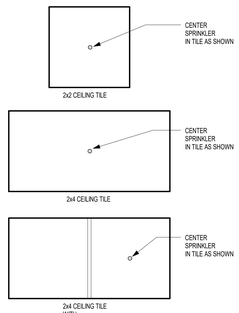
PRODUCT LEGEND	
1	INLET NIPPLE (1" MPT)
2	NUT
3	ISOLATION RING
4	COLLAR / WELD FITTING
5	STAINLESS STEEL FLEXIBLE BRAIDED HOSE (1" NOMINAL DIAMETER) LENGTHS AVAILABLE 31", 36" 48", 60", & 72")
6	COLLAR / WELD FITTING
7	NUT
8	REDUCING OUTLET (AVAILABLE 1/2" OR 3/4" FNPT)
9	CENTER BRACKET ASSEMBLY
10	SQUARE BAR (AVAILABLE IN 24" AND 48" LENGTHS)
11	END BRACKET ASSEMBLY
12	SHEET METAL SCREW
13	VIC MECHANICAL T OUTLET STYLE 922 FIRELOCK (1" FNPT)
SEE VICTAULIC SUBMITTAL NUMBER 10.85	



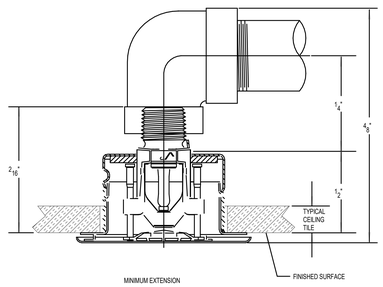
- FLEXIBLE HOSE SPRINKLER FOR CONCEALED SPRINKLER
SCALE: NTS



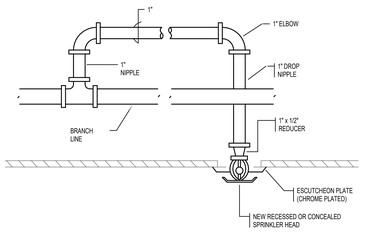
- LOCATION OF SPRINKLERS AT WALLS
SCALE: NTS



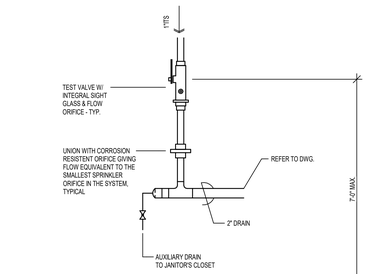
- SPRINKLER LOCATION DETAIL
SCALE: NTS



- DETAIL - CONCEALED PENDENT ELBOW
SCALE: NTS



- NEW CONCEALED SPRINKLER HEAD DETAIL
SCALE: NTS



NOTE:
REFER TO DRAWINGS FOR QUANTITY AND LOCATION OF INSPECTOR'S TEST STATIONS.

- INSPECTOR'S TEST STATION
SCALE: N.T.S.

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

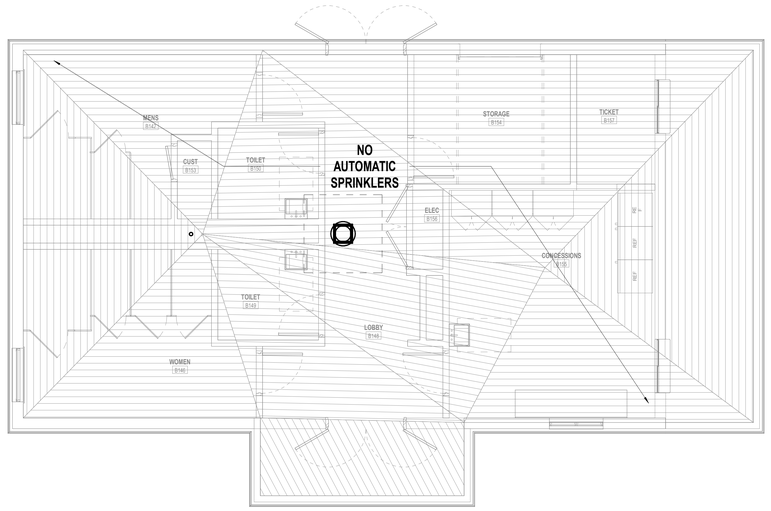
DETAILS SHEET 2

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	NTS
DRAWN BY:	RRC
REVISIONS:	

DD SET

F502



N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CONCESSIONS BUILDING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/4" = 1'-0"
DRAWN BY:	PCE
REVISIONS:	

DD SET

F900

ABBREVIATIONS

A

ABAN	ABANDON
ABBRV	ABBREVIATION
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ASC	ABOVE SUSPENDED CEILING
ACS PNL	ACCESS PANEL
pH	ACID/ALKALINE SCALE
ACID RES V	ACID RESISTANT VENT
ACID RES W	ACID RESISTANT WASTE
AVTR	ACID VENT THROUGH ROOF
AV	ACID VENT
AVS	ACID VENT STACK
AW	ACID WASTE
AWS	ACID WASTE STACK
ADDM	ADDENDUM
ALT	ALTERNATE
ALT NO	ALTERNATE NUMBER
APPROX	APPROXIMATE
AD	AREA DRAIN
AAV	AUTOMATIC AIR VENT
ACHKV	AUTOMATIC CHECK VALVE
ACP	AUTOMATIC CONTROL PANEL
ACV	AUTOMATIC CONTROL VALVE

B

BFP	BACKFLOW PREVENTER
BV	BALL VALVE
BT	BATH TUB
BLR	BOILER
BSTR	BOOSTER
BOT	BOTTOM
BOP	BOTTOM OF PIPE ELEVATION
BTUH	BRITISH THERMAL UNIT PER HOUR
BAS	BUILDING AUTOMATION SYSTEM
BCV	BUTTERFLY CHECK VALVE
BFV	BUTTERFLY VALVE
BYP	BY PASS

C

CI	CAST IRON
CIP	CAST IRON PIPE
CISP	CAST IRON SOIL PIPE
CLG	CEILING
CLDI	CEMENT LINED DUCTILE IRON
CTR	CENTER
CL	CENTERLINE
C TO C	CENTER TO CENTER
CHKV	CHECK VALVE
CHW	CIRCULATING HOT WATER
CO	CLEANOUT
COTG	CLEANOUT TO GRADE
CL D	CLOTHES DRYER
CW	COLD WATER PIPING
CWR	COLD WATER RISER
COL	COLUMN
CSB	CONCRETE SPLASH BLOCK
CNDS	CONDENSATE
CONN	CONNECT
CONT	CONTINUE
CONTR	CONTRACTOR
CP	CONTROL PANEL
COORD	COORDINATE
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CTE	CONNECT TO EXISTING

D

DEMO	DEMOLITION
DIAG	DIAGRAM
DIA	DIAMETER
DW	DISHWASHER
DHW	DOMESTIC HOT WATER
DWH	DOMESTIC WATER HEATER
DWR	DOMESTIC WATER RETURN
DWS	DOMESTIC WATER SUPPLY
DS	DOWNSPOUT
DWV	DRAIN, WASTE AND VENT
DWG	DRAWING
DFU	DRAINAGE FIXTURE UNIT
DF	DRINKING FOUNTAIN

E

EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EL	ELEVATION
EMER SHR	EMERGENCY SHOWER
EC	ELECTRICAL CONTRACTOR
EX	EXAMPLE
EXST	EXISTING
ETR	EXISTING TO REMAIN
ERD	EXISTING ROOF DRAIN
EXP	EXPANSION
EJ	EXPANSION JOINT
EWS	EYEWASH STATION

F

FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FIN FLR	FINISH FLOOR
FF EL	FINISH FLOOR ELEVATION
FIXT	FIXTURE
FLR	FLOOR
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLR SK	FLOOR SINK
FV	FLUSH VALVE

G

GAL	GALLON
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GWH	GAS FIRED WATER HEATER
GC	GENERAL CONTRACTOR
GLV	GLOBE VALVE
GTV	GATE VALVE
GCVTR	GAS-CONDUIT VENT THROUGH ROOF
GTVTR	GAS TRAIN VENT THROUGH ROOF
GVTR	GARAGE VENT THROUGH ROOF
GVS	GARAGE VENT STACK
GWS	GARAGE WASTE STACK

H

HS	HAND SINK
HEX	HEAT EXCHANGER
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
HPG	HIGH-PRESSURE GAS
HTHW	HIGH TEMPERATURE HOT WATER
HP	HORSEPOWER
HB	HOSE BIBB
H&CW	HOT AND COLD WATER
HW	HOT WATER
HWR	HOT WATER RISER
HWCP	HOT WATER CIRCULATING PUMP
HTR	HOT WATER HEATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HWC	HOT WATER CIRCULATION PIPING
HWCR	HOT WATER CIRCULATION RISER

I

IN	INCHES
ID	INSIDE DIAMETER
INH	INSTANTANEOUS WATER HEATER
INV EL	INVERT ELEVATION
IW	INDIRECT WASTE PIPING
IR	IRRIGATION WATER PIPING

J

JAN CLO	JANITOR CLOSET
JS	JANITOR'S SINK

K

kWh	KILOWATT HOUR
KIT	KITCHEN
KEC	KITCHEN EQUIPMENT CONTRACTOR

L

LAB	LABORATORY
LAV	LAVATORY
LPC	LIMIT OF PLUMBING CONTRACT
LVTR	LABORATORY VENT THROUGH ROOF

M

MAU	MAKE UP AIR UNIT
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MECH RM	MECHANICAL ROOM
M	METER
MIN	MINIMUM
MSB	MOP SERVICE BASIN
MS	MOP SINK

N

NS	NO SCALE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE

O

OC	ON CENTER
OD	OUTSIDE DIAMETER
OFD	OVERFLOW DRAIN
ORD	OVERFLOW ROOF DRAIN
OFCI	OWNER FURNISHED/CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED/OWNER INSTALLED

P

PERF	PERFORATED
PH	PHASE
PSL	PIPE SLEEVE
PLBG	PLUMBING
PC	PLUMBING CONTRACTOR
POTW	POTABLE WATER
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH, ABSOLUTE
PSIG	POUNDS PER SQUARE INCH, GAUGE
PG	PRESSURE GAUGE
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE

R

R	RADIUS
RWL	RAIN WATER LEADER
RV	RELIEF VALVE
REQD	REQUIRED
R	RISER
RD	ROOF DRAIN
RTU	ROOF TOP UNIT

S

S	SANITARY
SCHED	SCHEDULE
SCHEM	SCHEMATIC
SF	SQUARE FEET
SS	SERVICE SINK
SWR	SEWER
SHR	SHOWER
SHRD	SHOWER DRAIN
SHR HD	SHOWER HEAD
SOV	SHUT OFF VALVE
SK	SINK
SOLV	SOLENOID VALVE
SP GR	SPECIFIC GRAVITY
ST	STORM PIPING
SMP	SUMP PUMP
S/S	STAINLESS STEEL
SS	SOIL STACK

T

TEMP	TEMPERATURE
T&P VALVE	TEMPERATURE AND PRESSURE RELIEF VALVE
THRU	THROUGH
TDP	TOP OF PIPE ELEVATION
TD	TRENCH DRAIN
TYP	TYPICAL

U

UGND	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UR	URINAL

V

VB	VACUUM BREAKER
VEL	VELOCITY
VS	VENT STACK
VTR	VENT THROUGH ROOF
VIF	VERIFY IN FIELD

W

WCO	WALL CLEANOUT
WH	WALL HYDRANT
W	WASTE
WS	WASTE STACK
WC	WATER CLOSET
WH	WATER HEATER
WM	WATER METER
WT	WATERTIGHT
W/	WITH
W/O	WITHOUT
W/IN	WITHIN

SYMBOLS:

DN	PIPE DOWN THROUGH FLOOR
UP	PIPE UP THROUGH FLOOR/ROOF ABOVE
	PIPE DROP
WCO	WALL CLEANOUT
CO	CLEANOUT
GCO	GRADE CLEANOUT
FCO	FLOOR CLEANOUT
DCO	DANDY CLEANOUT
	CAP
	PIPE BREAK
	UNION
	FLEXIBLE CONNECTOR (EXPANSION JOINT)
	STRAINER
WTS	WATERTIGHT PIPE SLEEVE
PG	PIPE GUIDE
PA	PIPE ANCHOR
	THERMOMETER
PG	PRESSURE GAUGE
SOV	SHUT-OFF VALVE (TYPE PER SPECS)
BV	BALANCING VALVE
VIV	VALVE IN VERTICAL
T & P	TEMPERATURE & PRESSURE RELIEF VALVE
	VACUUM RELIEF VALVE
PRV-1	PRESSURE REDUCING VALVE AND TYPE
CV	CHECK VALVE
CV	CHECK VALVE WITH AUTOMATIC BALL DRIP
DV	DRAIN VALVE W/VACUUM BREAKER
	FLOW ARROW
	WATER METER
	PIPE SLOPE INDICATOR (DN/FT)
	PIPING EXPANSION LOOP
BWV	BACKWATER VALVE
BWV	BACKWATER VALVE WITH FLOOR CLEANOUT
AP	ACCESS PANEL
EW-1	EMERGENCY EYEWASH UNIT & TYPE
ES/EW-1	EMERGENCY SHOWER/EYEWASH UNIT & TYPE
ES-1	EMERGENCY SHOWER UNIT & TYPE
TP-1	TRAP PRIMER & TYPE
LW&T	LAB WASTE AND TRAP
KW&T	KITCHEN WASTE AND TRAP
S&T	SAN AND TRAP
SA-1	SHOCK ABSORBER & TYPE
HB-1	HOSE BIBB & TYPE
WH-1	WALL HYDRANT & TYPE
H/C HB-1	HOT & COLD WATER HOSE BIBB & TYPE
SH	SHOWER HEAD

MV-1	MIXING VALVE & TYPE
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
BVS	HOT WATER BALANCING VALVE STATION
FD-1	FLOOR DRAIN & TYPE
FS-1	FLOOR SINK & TYPE
OD-1	OVERFLOW DRAIN & TYPE
RD-1	ROOF DRAIN & TYPE
PD-1	PLANTER DRAIN & TYPE
TD-1	TRENCH DRAIN & TYPE
	LIGHT LINE INDICATES EXISTING PIPING
	HEAVY LINE INDICATES NEW PIPING
	DOUBLE LINE INDICATES BURIED PIPING
AIP	ABANDON IN PLACE
RE	EXISTING PIPING TO BE REMOVED
ETR	EXISTING TO REMAIN
CW	DOMESTIC COLD WATER PIPING BELOW SLAB OR GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C. IF REQUIRED; SUPPORT BY P.C.)
CW	DOMESTIC COLD WATER PIPING
HW	DOMESTIC HOT WATER PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C. IF REQUIRED; SUPPORT BY P.C.)
HW	DOMESTIC HOT WATER PIPING
HWC	DOMESTIC HOT WATER CIRCULATION PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C. IF REQUIRED; SUPPORT BY P.C.)
HWC	DOMESTIC HOT WATER CIRCULATION PIPING
HW140	DOMESTIC HOT WATER 140° PIPING
HWC140	DOMESTIC HOT WATER CIRCULATION 140° PIPING
NPHW	NON-POTABLE HOT WATER PIPING
NPCW	NON-POTABLE COLD WATER PIPING
TW	TEMPERED WATER PIPING
FW	FILTERED WATER PIPING
DWS	CHILLED DRINKING WATER SUPPLY
DWR	CHILLED DRINKING WATER RECRCULATION PIPING
IR	IRRIGATION WATER PIPING

ST	STORM PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.; BEDDING BY P.C.)
ST	STORM PIPING ABOVE GRADE
OST	SECONDARY STORM PIPING
S	SANITARY PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C., BEDDING BY P.C.)
S	SANITARY PIPING ABOVE GRADE
V	VENT PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.)
V	VENT PIPING ABOVE GRADE
ULW	LAB WASTE PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C., BEDDING BY P.C.)
LW	LAB WASTE PIPING ABOVE GRADE
LV	LABORATORY VENT PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.; BEDDING BY P.C.)
LV	LABORATORY VENT PIPING ABOVE GRADE
KW	KITCHEN WASTE PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.)
KW	KITCHEN WASTE PIPING ABOVE GRADE
KV	KITCHEN (GREASE) VENT PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.)
KV	KITCHEN (GREASE) VENT PIPING ABOVE GRADE
IW	INDIRECT WASTE PIPING
PD	PUMPED DISCHARGE
FM	FORCED MAIN PIPING
TP	TRAP PRIMER PIPING
HTI	HEAT TRACED & INSULATED PIPING (FREEZE PROTECTION) (HEAT TRACE BY E.C.; INSULATION BY P.C.)

RISER DESIGNATION — SERVICE DESIGNATOR (A 1 / P-60X) — DRAWING WHERE RISERS OCCUR

RISER DIAGRAM DESIGNATION

DETAIL NUMBER (5 / P-501) — DRAWING WHERE DETAIL OCCURS

DETAIL REFERENCE

EQUIPMENT TYPE (HTR 1) — EQUIPMENT NUMBER

EQUIPMENT TAG (ELECTRICAL EQUIPMENT)

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com

SMMA

CONSULTANTS:

LEGEND, NOTES, AND ABBREVIATIONS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

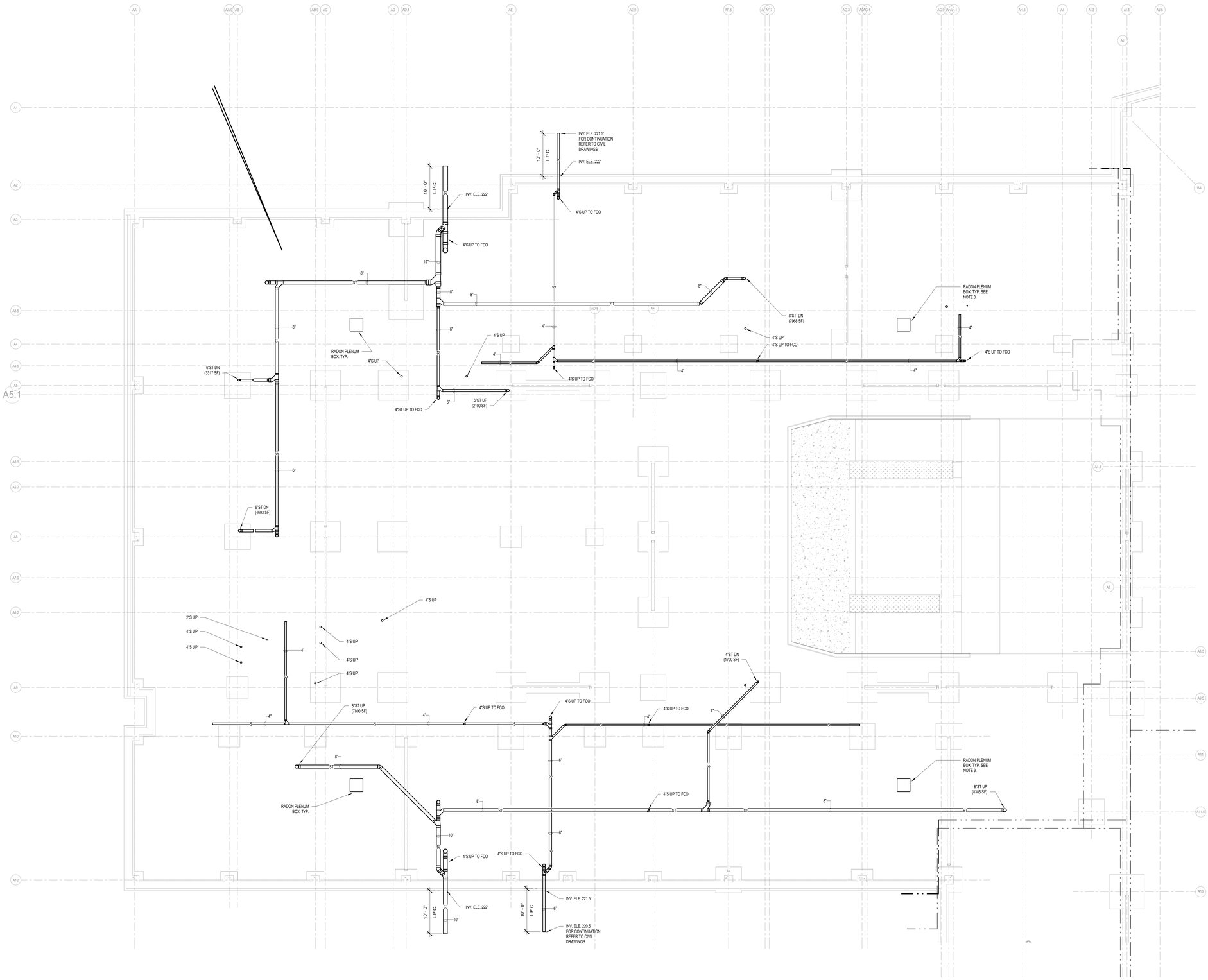
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	NTS
DRAWN BY:	Author
REVISIONS:	

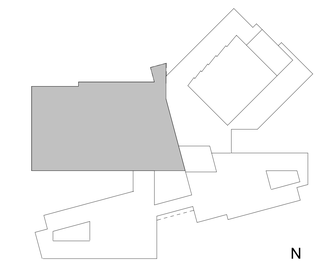
DD SET

P001

PLUMBING UNDERGROUND NOTES:

1. PROVIDE CLEANOUTS ON SANITARY AND STORM PIPING AT CHANGES OF DIRECTION GREATER THAN 45°, AT THE BASE OF EACH STACK, AT BUILDING EXITS, AND ON HORIZONTAL BRANCHES AND MAINS NO MORE THAN 50 FEET APART.
2. COORDINATED FINISH AND LOCATION OF FLOOR CLEANOUTS WITH THE ARCHITECT PRIOR TO INSTALLATION.
3. PROVIDE RADON PLENUM BOXES FOR FUTURE. QUANTITIES AND LOCATIONS TO BE BY THE GEOTECHNICAL ENGINEER. LOCATIONS SHOWN FOR COORDINATION.
4. SEE STRUCTURAL DRAWINGS FOR CRUSHED STONE AND VAPOR BARRIER LAYER DETAILS AND DIAGRAMS.





KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

UNDERSLAB PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

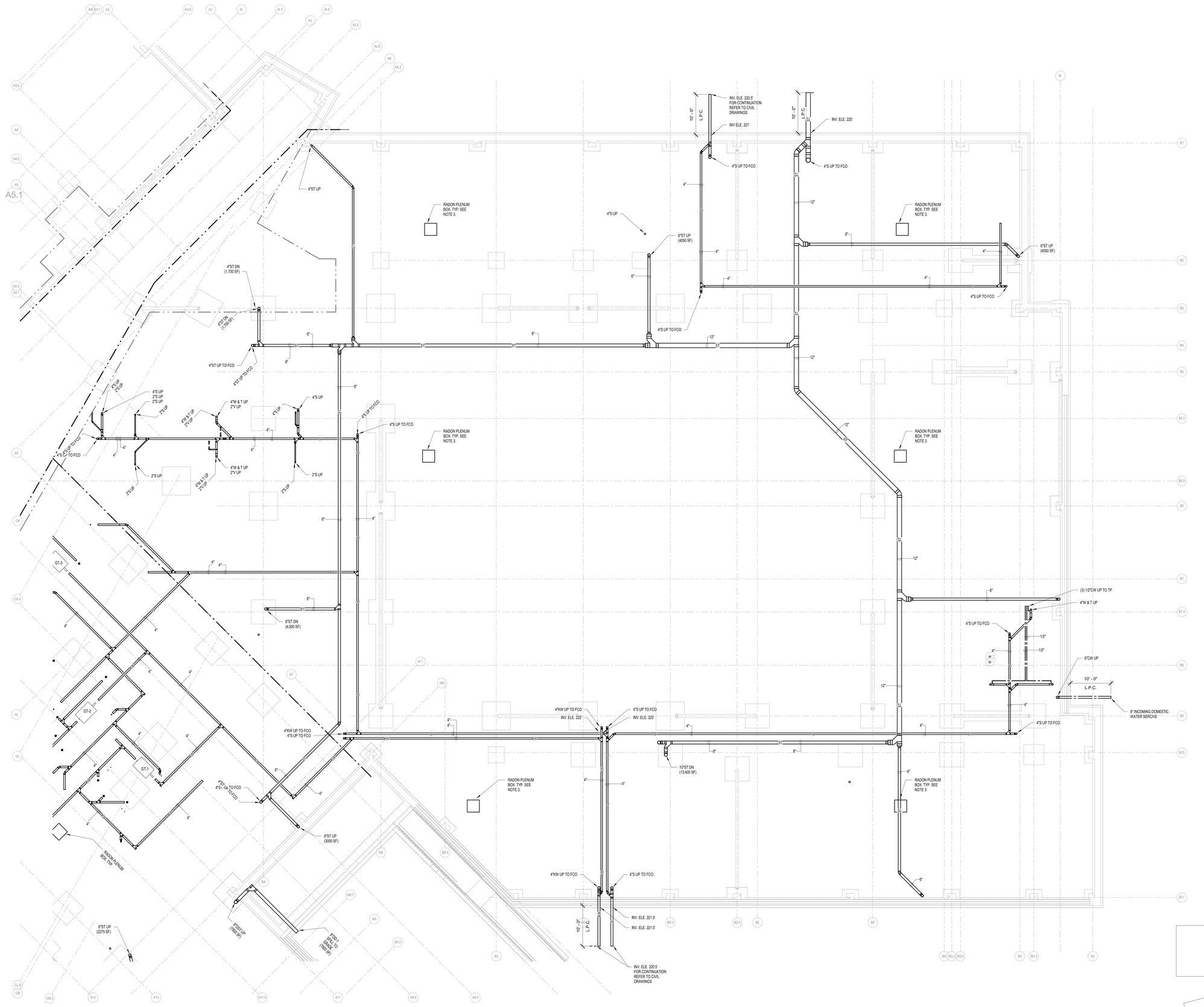
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

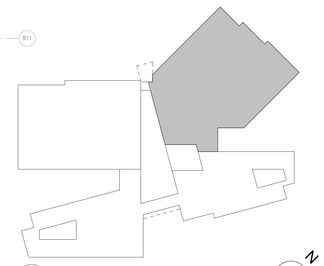
DD SET

P100.1

PLUMBING UNDERGROUND NOTES:

1. PROVIDE CLEANOUTS ON SANITARY AND STORM PIPING AT CHANGES OF DIRECTION GREATER THAN 45°, AT THE BASE OF EACH STACK, AT BUILDING EXITS, AND ON HORIZONTAL BRANCHES AND MAINS NO MORE THAN 50 FEET APART.
2. COORDINATED FINISH AND LOCATION OF FLOOR CLEANOUTS WITH THE ARCHITECT PRIOR TO INSTALLATION.
3. PROVIDE RADON PLENUM BOXES FOR FUTURE. QUANTITIES AND LOCATIONS TO BE BY THE GEOTECHNICAL ENGINEER. LOCATIONS SHOWN FOR COORDINATION.
4. SEE STRUCTURAL DRAWINGS FOR CRUSHED STONE AND VAPOR BARRIER LAYER DETAILS AND DIAGRAMS.





KEY PLAN - B WING
SCALE: 1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

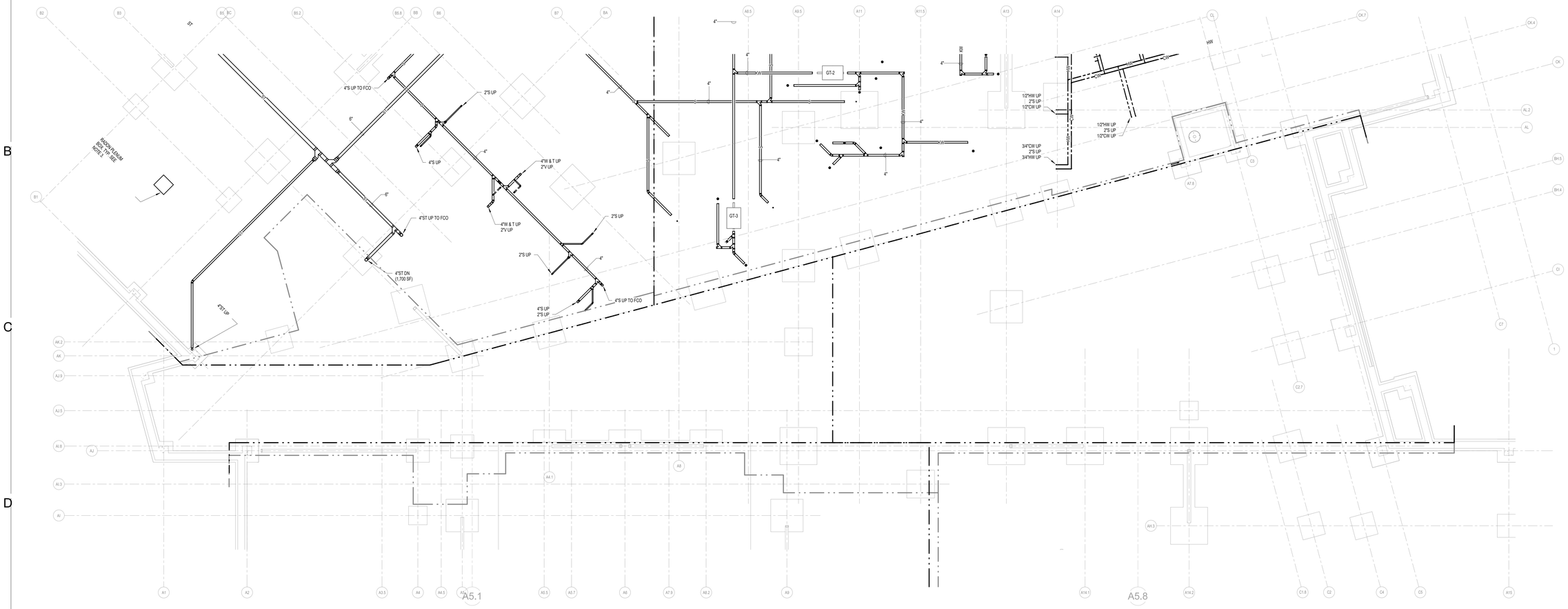
UNDERSLAB PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

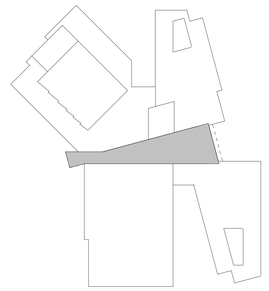
P100.2



1 UNDERSLAB PLAN - C
SCALE: 1/8" = 1'-0"

PLUMBING UNDERGROUND NOTES:

1. PROVIDE CLEANOUTS ON SANITARY AND STORM PIPING AT CHANGES OF DIRECTION GREATER THAN 45°, AT THE BASE OF EACH STACK, AT BUILDING EXITS, AND ON HORIZONTAL BRANCHES AND MAINS NO MORE THAN 50 FEET APART.
2. COORDINATED FINISH AND LOCATION OF FLOOR CLEANOUTS WITH THE ARCHITECT PRIOR TO INSTALLATION.
3. PROVIDE RADON PLENUM BOXES FOR FUTURE. QUANTITIES AND LOCATIONS TO BE BY THE GEOTECHNICAL ENGINEER. LOCATIONS SHOWN FOR COORDINATION.
4. SEE STRUCTURAL DRAWINGS FOR CRUSHED STONE AND VAPOR BARRIER LAYER DETAILS AND DIAGRAMS.



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

UNDERSLAB PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

P100.3

PLUMBING UNDERGROUND NOTES:

1. PROVIDE CLEANOUTS ON SANITARY AND STORM PIPING AT CHANGES OF DIRECTION GREATER THAN 45°, AT THE BASE OF EACH STACK, AT BUILDING EXITS, AND ON HORIZONTAL BRANCHES AND MAINS NO MORE THAN 50 FEET APART.
2. COORDINATED FINISH AND LOCATION OF FLOOR CLEANOUTS WITH THE ARCHITECT PRIOR TO INSTALLATION.
3. PROVIDE RADON PLENUM BOXES FOR FUTURE. QUANTITIES AND LOCATIONS TO BE BY THE GEOTECHNICAL ENGINEER. LOCATIONS SHOWN FOR COORDINATION.
4. SEE STRUCTURAL DRAWINGS FOR CRUSHED STONE AND VAPOR BARRIER LAYER DETAILS AND DIAGRAMS.

4"KW UP TO FCO
4"S UP TO FCO
GT-3
GT-2
GT-1
4"ST UP TO FCO
6"ST UP (3000 SF)
8"CO-1 SPILL TO GRADE (7800 SF)
8"COST UP (7800 SF)
RADON PLENUM BOX. TYP.
RADON PLENUM BOX. TYP. SEE NOTE 3.
6"ST UP (2275 SF)
4"ST UP TO FCO
6"ST UP (2200 SF)
3/4"CW UP
2"S UP
3/4"HW UP
1/2"HW UP
1/2"CW UP
2"S UP
1/2"CW UP
8"ST UP (1500 SF)
6"ST UP (1025 SF)
6"ST UP (2775 SF)
6"ST UP (2650 SF)
6"ST UP (2500 SF)
6"ST UP (2600 SF)
6"ST UP (750 SF)
6"ST (5450 SF)
8"ST (5375 SF)
10"ST (16,425 SF)
12"ST (21,875 SF)
2" LW UP
8"ST (4800 SF)
8"ST (11050 SF)
8"ST (6250 SF)
6" ST UP (3250 SF)
6"ST UP (3000 SF)
CHIP TANK
4"LW UP TO FCO
4"S UP TO FCO
4" LW UP
INV. ELE. 221.5'
10'-0" L.P.C.
FOR CONTINUATION REFER TO CIVIL DRAWINGS
RADON PLENUM BOX. TYP. SEE NOTE 3.

KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

UNDERSLAB PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

P100.4

PLUMBING UNDERGROUND NOTES:

1. PROVIDE CLEANOUTS ON SANITARY AND STORM PIPING AT CHANGES OF DIRECTION GREATER THAN 45°, AT THE BASE OF EACH STACK, AT BUILDING EXITS, AND ON HORIZONTAL BRANCHES AND MAINS NO MORE THAN 50 FEET APART.
2. COORDINATED FINISH AND LOCATION OF FLOOR CLEANOUTS WITH THE ARCHITECT PRIOR TO INSTALLATION.
3. PROVIDE RADON PLENUM BOXES FOR FUTURE. QUANTITIES AND LOCATIONS TO BE BY THE GEOTECHNICAL ENGINEER. LOCATIONS SHOWN FOR COORDINATION.
4. SEE STRUCTURAL DRAWINGS FOR CRUSHED STONE AND VAPOR BARRIER LAYER DETAILS AND DIAGRAMS.

RADON PLENUM BOX. TYP.

8"

4"S UP TO FCO

8"ST UP (8386 SF)

10"

6"

4"S UP TO FCO

4"S UP TO FCO

INV. ELE. 222'

INV. ELE. 221.5'

10' - 0" L.P.C.

10' - 0" L.P.C.

INV. ELE. 220.5' FOR CONTINUATION REFER TO CIVIL DRAWINGS

RADON PLENUM BOX. TYP. SEE NOTE 3.

6"ST UP (2700 SF)

6"ST UP (2550 SF)

6"ST UP (3200 SF)

RADON PLENUM BOX. TYP.

6"ST UP (1750 SF)

10"

4"S UP TO FCO

6"ST UP (2900 SF)

6"ST UP&DN (2200 SF)

2" LW UP

6"ST UP (2650 SF)

6"ST UP (2700 SF)

4"LW UP TO FCO

RADON PLENUM BOX. TYP. SEE NOTE 3.

2" LW UP

4"LW UP TO FCO

CHIP TANK

2" LW UP

4"S UP TO FCO

4"S UP TO FCO

4"LW UP TO FCO

INV. ELEV. 220.5'

INV. ELE. 221.5'

10' - 0" L.P.C.

10' - 0" L.P.C.

INV. ELE. 220' FOR CONTINUATION REFER TO CIVIL DRAWINGS

4" LW UP

4" LW UP

4" V UP

4" LW UP

KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

UNDERSLAB PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

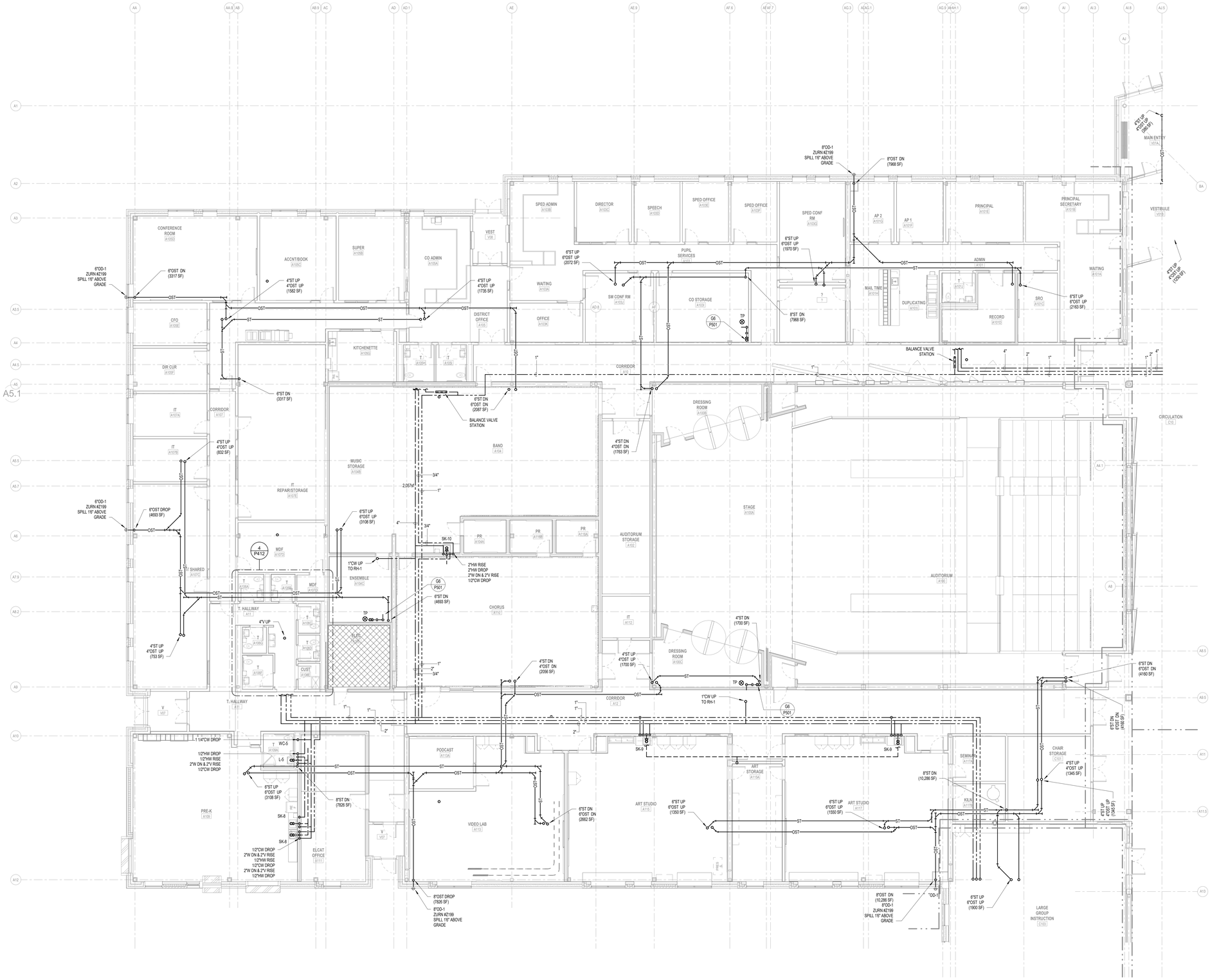
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

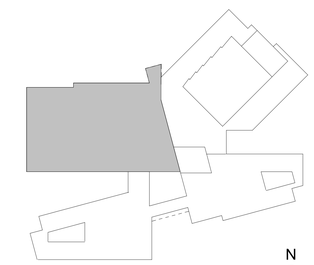
DD SET

P100.5

PLUMBING SHEET NOTES:

1. PROVIDE EXPANSION LOOPS ON HOT WATER AND HOT WATER RECIRCULATION MAINS THAT ARE GREATER THAN 100 FEET. SEE DETAIL.
2. PROVIDE ACCESS PANELS AT CLEANOUTS.
3. PROVIDE DRAIN VALVES AT SYSTEM LOW POINTS.
4. REFERENCE P-400 SERIES DRAWINGS FOR ENLARGED PART PLANS.
5. REFERENCE P-500 SERIES DRAWINGS FOR DETAILS AND DIAGRAMS.
6. REFERENCE P-600 SERIES DRAWINGS FOR SCHEDULES.
7. COORDINATE ACCESS PANEL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. SUBMIT PANELS AND LOCATIONS FOR APPROVAL DURING THE SHOP DRAWING PROCESS.





KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 CONSTRUCTION PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

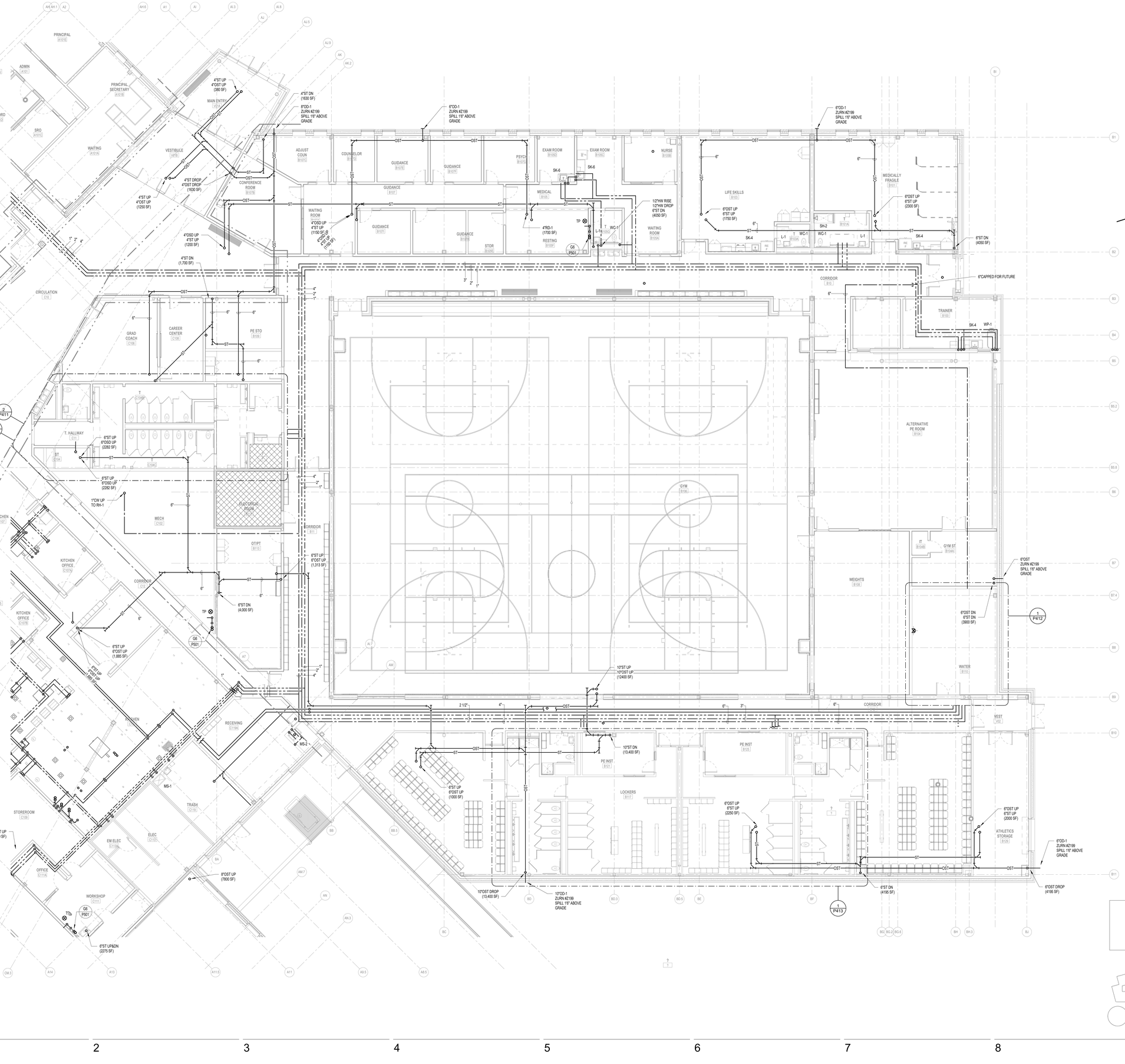
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

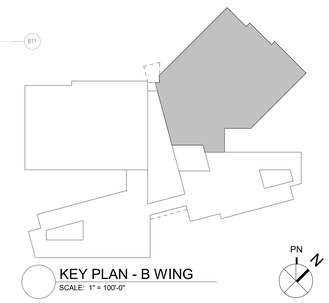
DD SET

P101.1

PLUMBING SHEET NOTES:

1. PROVIDE EXPANSION LOOPS ON HOT WATER AND HOT WATER RECIRCULATION MAINS THAT ARE GREATER THAN 100 FEET. SEE DETAIL.
2. PROVIDE ACCESS PANELS AT CLEANOUTS.
3. PROVIDE DRAIN VALVES AT SYSTEM LOW POINTS.
4. REFERENCE P-400 SERIES DRAWINGS FOR ENLARGED PART PLANS.
5. REFERENCE P-500 SERIES DRAWINGS FOR DETAILS AND DIAGRAMS.
6. REFERENCE P-600 SERIES DRAWINGS FOR SCHEDULES.
7. COORDINATE ACCESS PANEL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. SUBMIT PANELS AND LOCATIONS FOR APPROVAL DURING THE SHOP DRAWING PROCESS.





KEY PLAN - B WING
SCALE: 1" = 100'-0"

PN

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 CONSTRUCTION PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

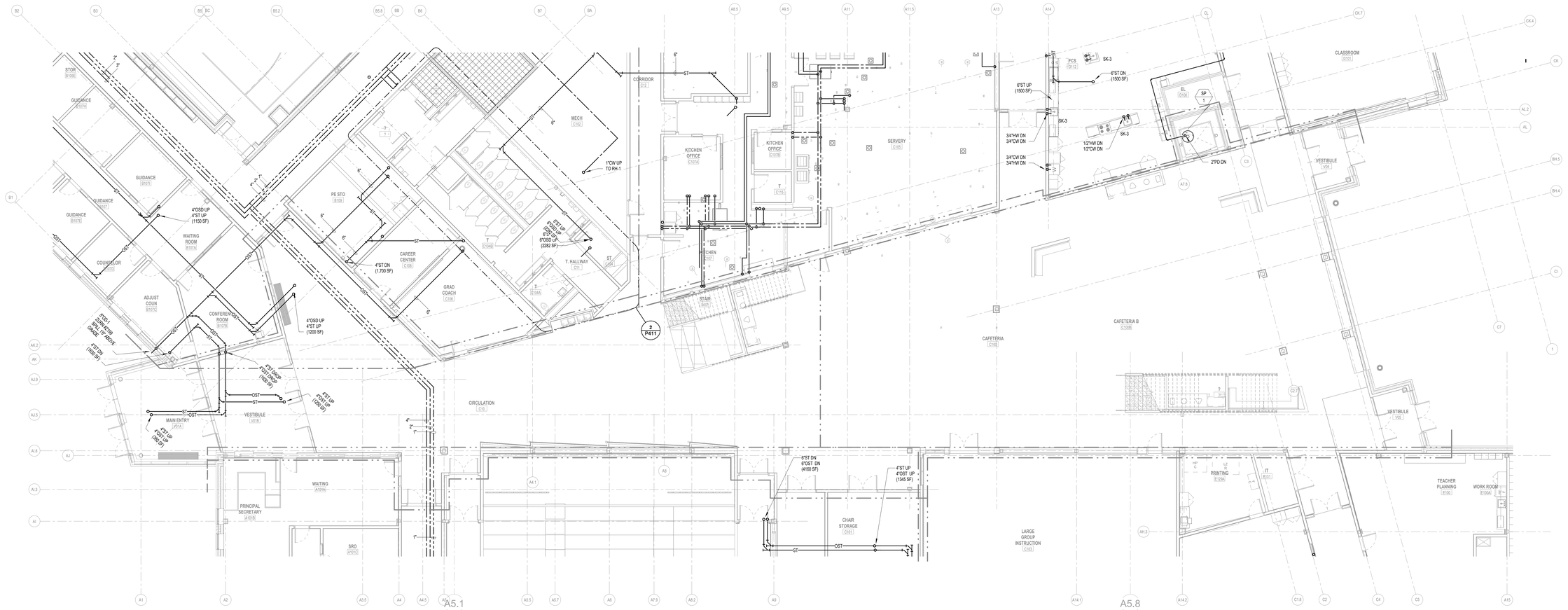
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

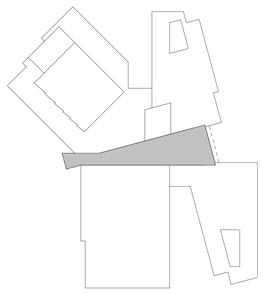
P101.2

PLUMBING SHEET NOTES:

1. PROVIDE EXPANSION LOOPS ON HOT WATER AND HOT WATER RECIRCULATION MAINS THAT ARE GREATER THAN 100 FEET. SEE DETAIL.
2. PROVIDE ACCESS PANELS AT CLEANOUTS.
3. PROVIDE DRAIN VALVES AT SYSTEM LOW POINTS.
4. REFERENCE P-400 SERIES DRAWINGS FOR ENLARGED PART PLANS.
5. REFERENCE P-500 SERIES DRAWINGS FOR DETAILS AND DIAGRAMS.
6. REFERENCE P-600 SERIES DRAWINGS FOR SCHEDULES.
7. COORDINATE ACCESS PANEL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. SUBMIT PANELS AND LOCATIONS FOR APPROVAL DURING THE SHOP DRAWING PROCESS.



1 1ST FLOOR CONSTRUCTION PLAN - C
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 CONSTRUCTION PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

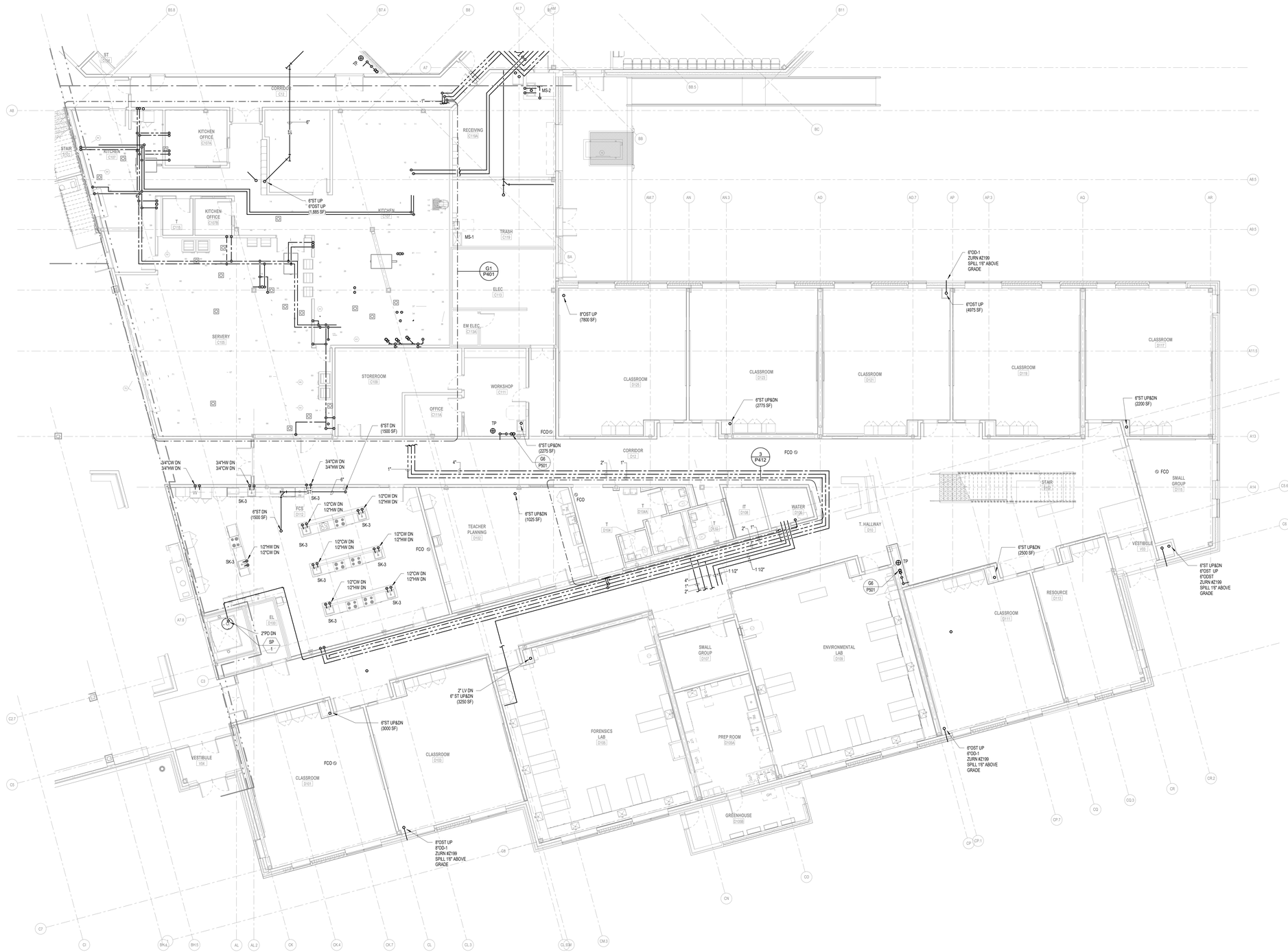
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

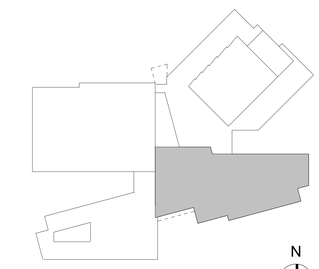
DD SET

P101.3

PLUMBING SHEET NOTES:

1. PROVIDE EXPANSION LOOPS ON HOT WATER AND HOT WATER RECIRCULATION MAINS THAT ARE GREATER THAN 100 FEET. SEE DETAIL.
2. PROVIDE ACCESS PANELS AT CLEANOUTS.
3. PROVIDE DRAIN VALVES AT SYSTEM LOW POINTS.
4. REFERENCE P-400 SERIES DRAWINGS FOR ENLARGED PART PLANS.
5. REFERENCE P-500 SERIES DRAWINGS FOR DETAILS AND DIAGRAMS.
6. REFERENCE P-600 SERIES DRAWINGS FOR SCHEDULES.
7. COORDINATE ACCESS PANEL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. SUBMIT PANELS AND LOCATIONS FOR APPROVAL DURING THE SHOP DRAWING PROCESS.





KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 CONSTRUCTION PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

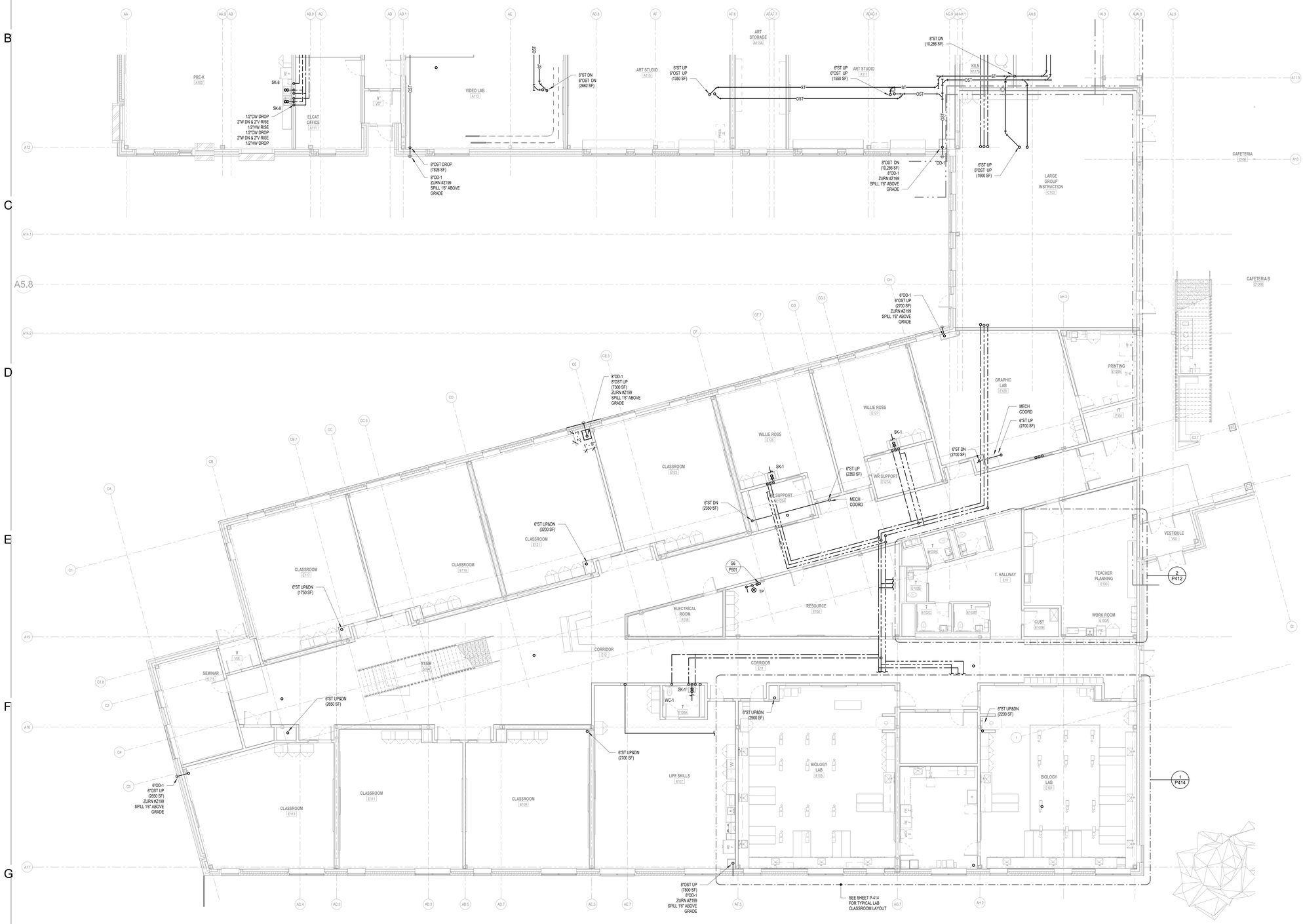
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

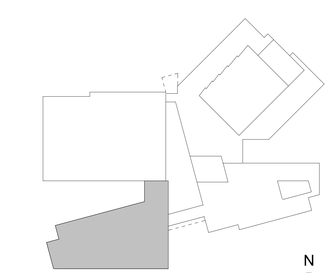
DD SET

P101.4

PLUMBING SHEET NOTES:

1. PROVIDE EXPANSION LOOPS ON HOT WATER AND HOT WATER RECIRCULATION MAINS THAT ARE GREATER THAN 100 FEET. SEE DETAIL.
2. PROVIDE ACCESS PANELS AT CLEANOUTS.
3. PROVIDE DRAIN VALVES AT SYSTEM LOW POINTS.
4. REFERENCE P-400 SERIES DRAWINGS FOR ENLARGED PART PLANS.
5. REFERENCE P-500 SERIES DRAWINGS FOR DETAILS AND DIAGRAMS.
6. REFERENCE P-600 SERIES DRAWINGS FOR SCHEDULES.
7. COORDINATE ACCESS PANEL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. SUBMIT PANELS AND LOCATIONS FOR APPROVAL DURING THE SHOP DRAWING PROCESS.





KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

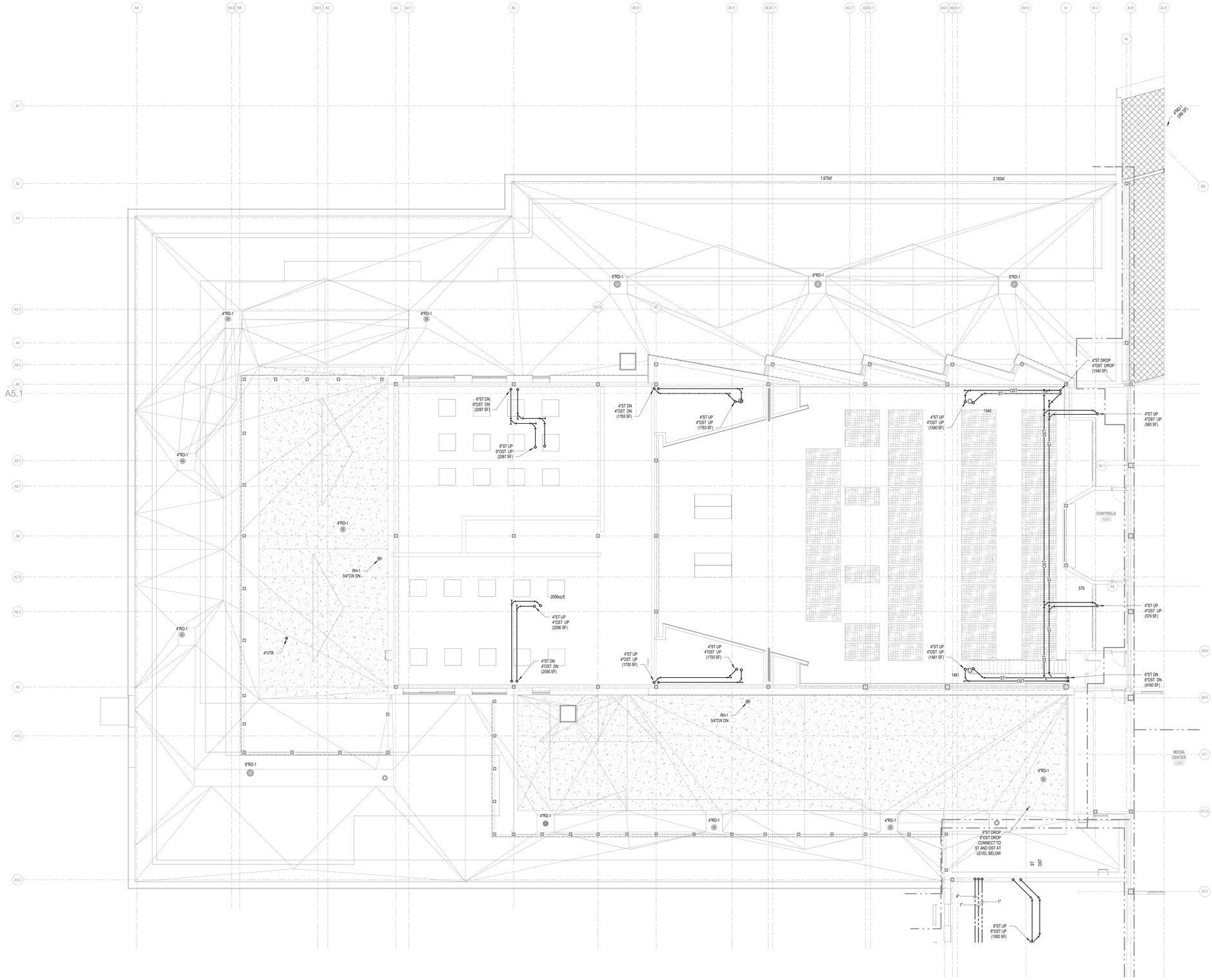
LEVEL 1 CONSTRUCTION PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

P101.5



KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

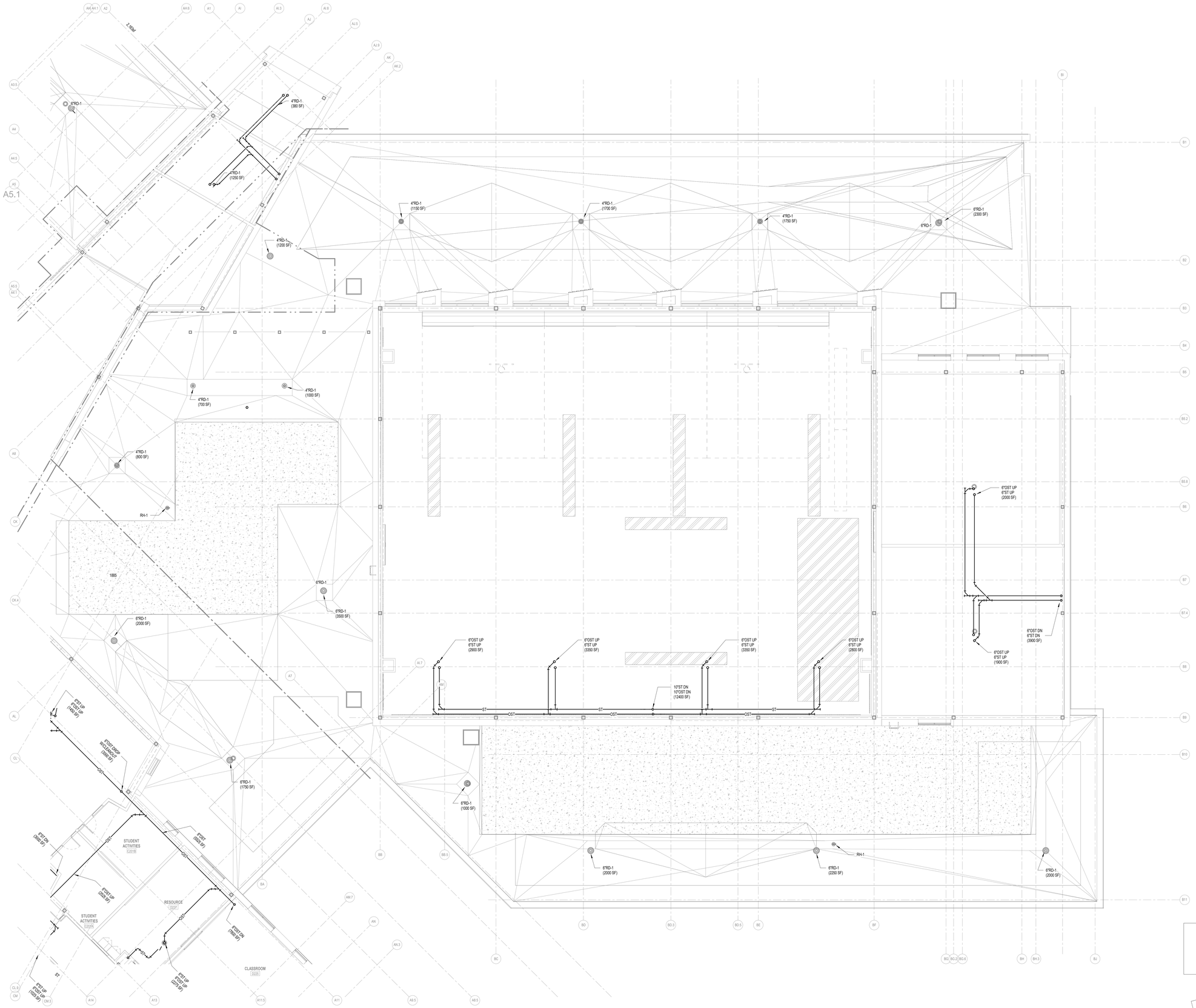
LEVEL 2 CONSTRUCTION PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

P102.1



KEY PLAN - B WING
SCALE: 1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

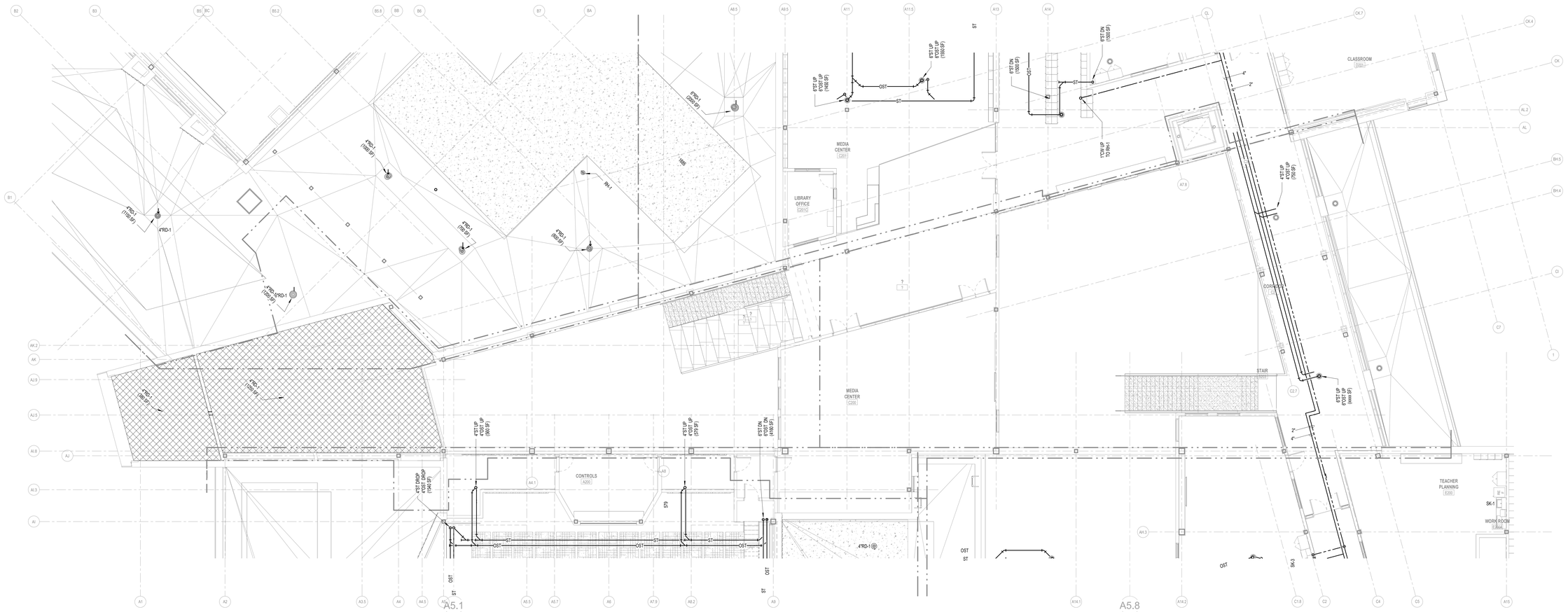
LEVEL 2 CONSTRUCTION PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

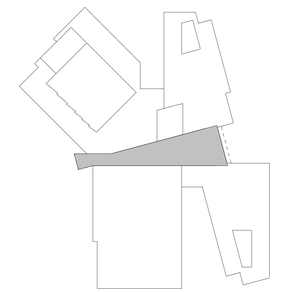
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW
REVISIONS:	

DD SET

P102.2



1 2ND FLOOR CONSTRUCTION PLAN - C
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 CONSTRUCTION PLAN - C SPINE

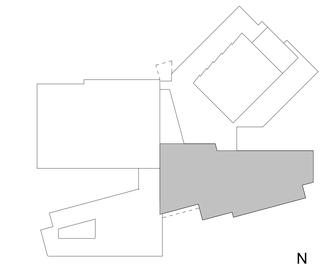
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW
REVISIONS:	

DD SET

P102.3





KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 CONSTRUCTION PLAN - D WING

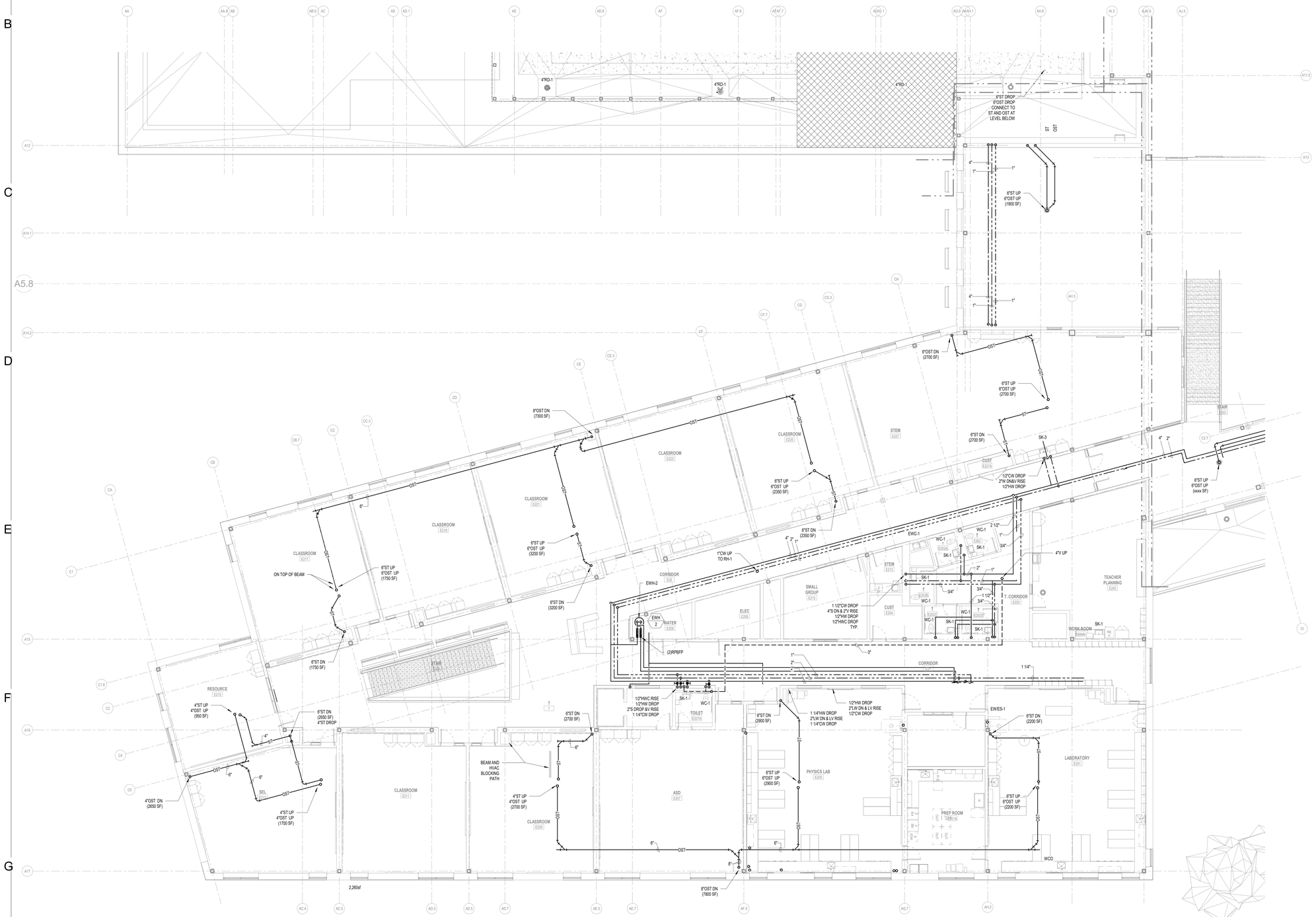
EAST LONGMEADOW HIGH SCHOOL

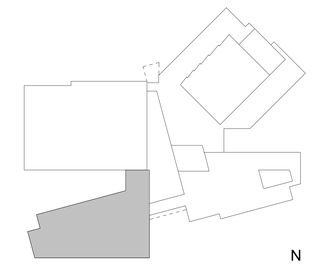
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW/PCE
REVISIONS:	

DD SET

P102.4





KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

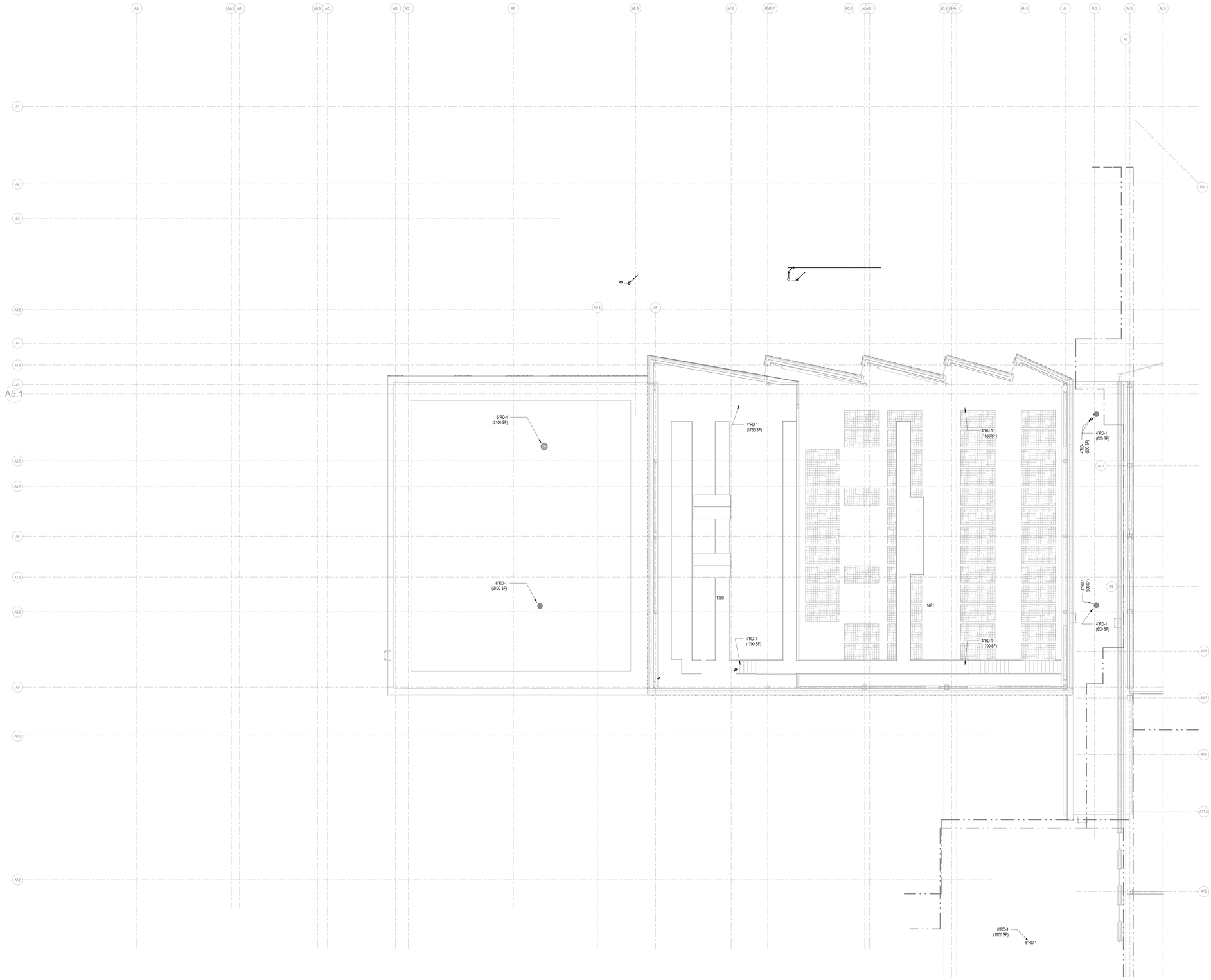
LEVEL 2 CONSTRUCTION PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

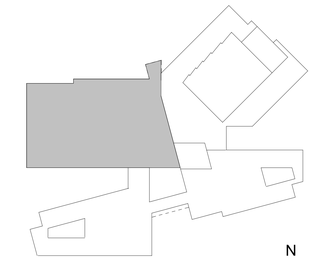
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW/PCE
REVISIONS:	

DD SET

P102.5



1 ROOF CONSTRUCTION PLAN - A
SCALE: 1/8" = 1'-0"



KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

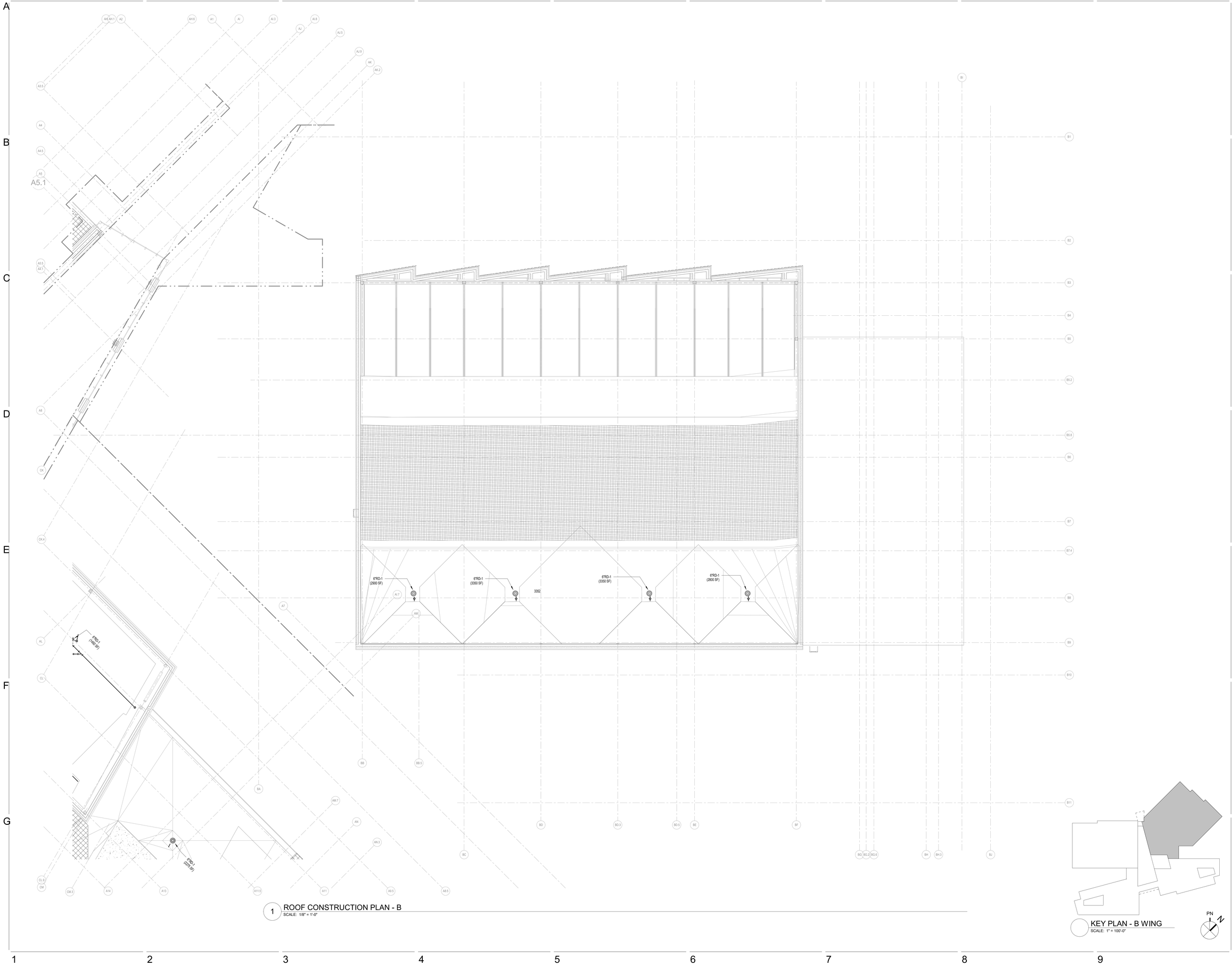
ROOF CONSTRUCTION PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW/PCE
REVISIONS:	

DD SET

P103.1



1 ROOF CONSTRUCTION PLAN - B
SCALE: 1/8" = 1'-0"

KEY PLAN - B WING
SCALE: 1" = 100'-0"

PN

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

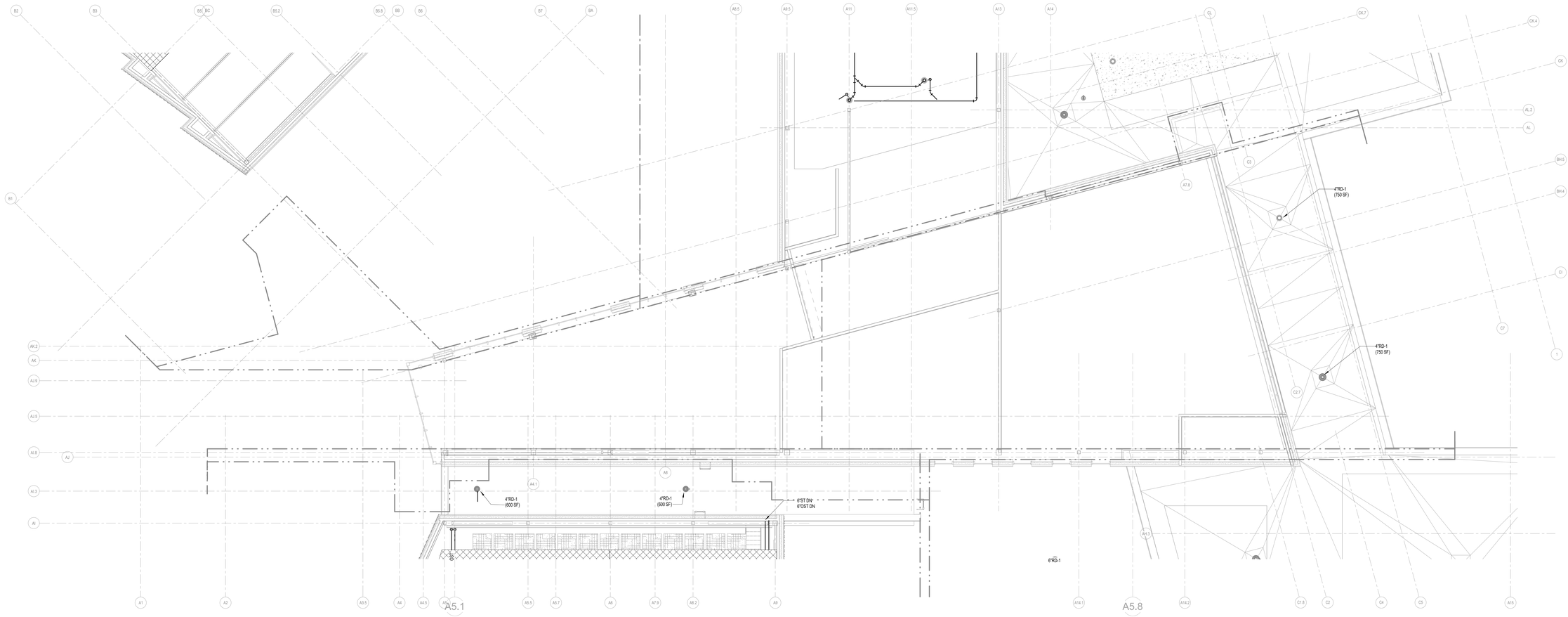
ROOF CONSTRUCTION PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

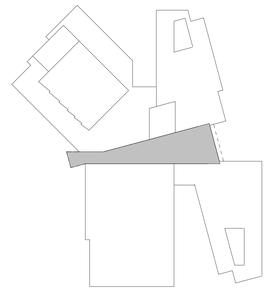
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW
REVISIONS:	

DD SET

P103.2



1 ROOF CONSTRUCTION PLAN - C
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

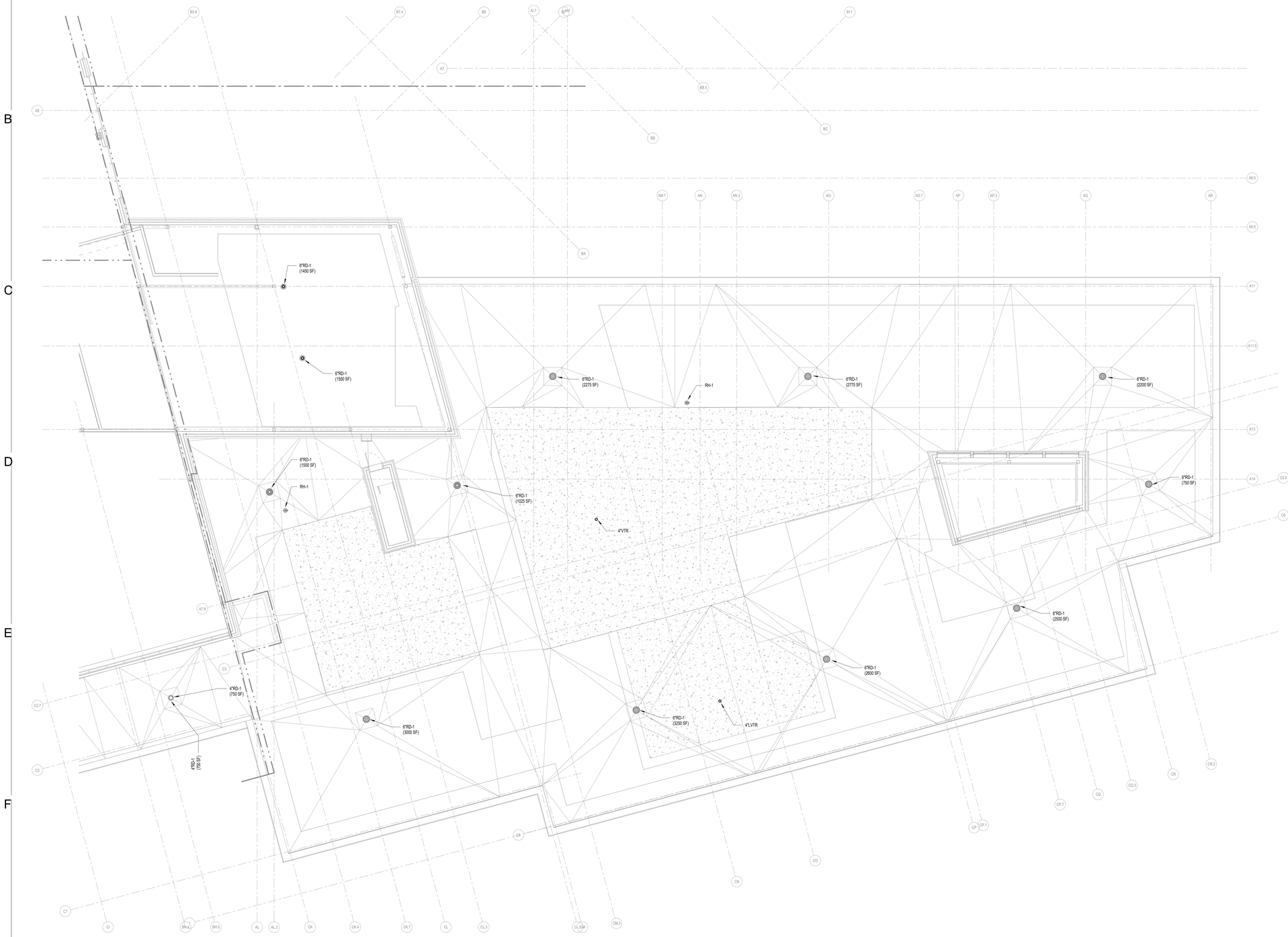
ROOF CONSTRUCTION PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

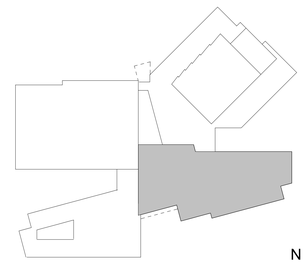
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW/PCE
REVISIONS:	

DD SET

P103.3



1 ROOF CONSTRUCTION PLAN - D
SCALE: 1/8" = 1'-0"



KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

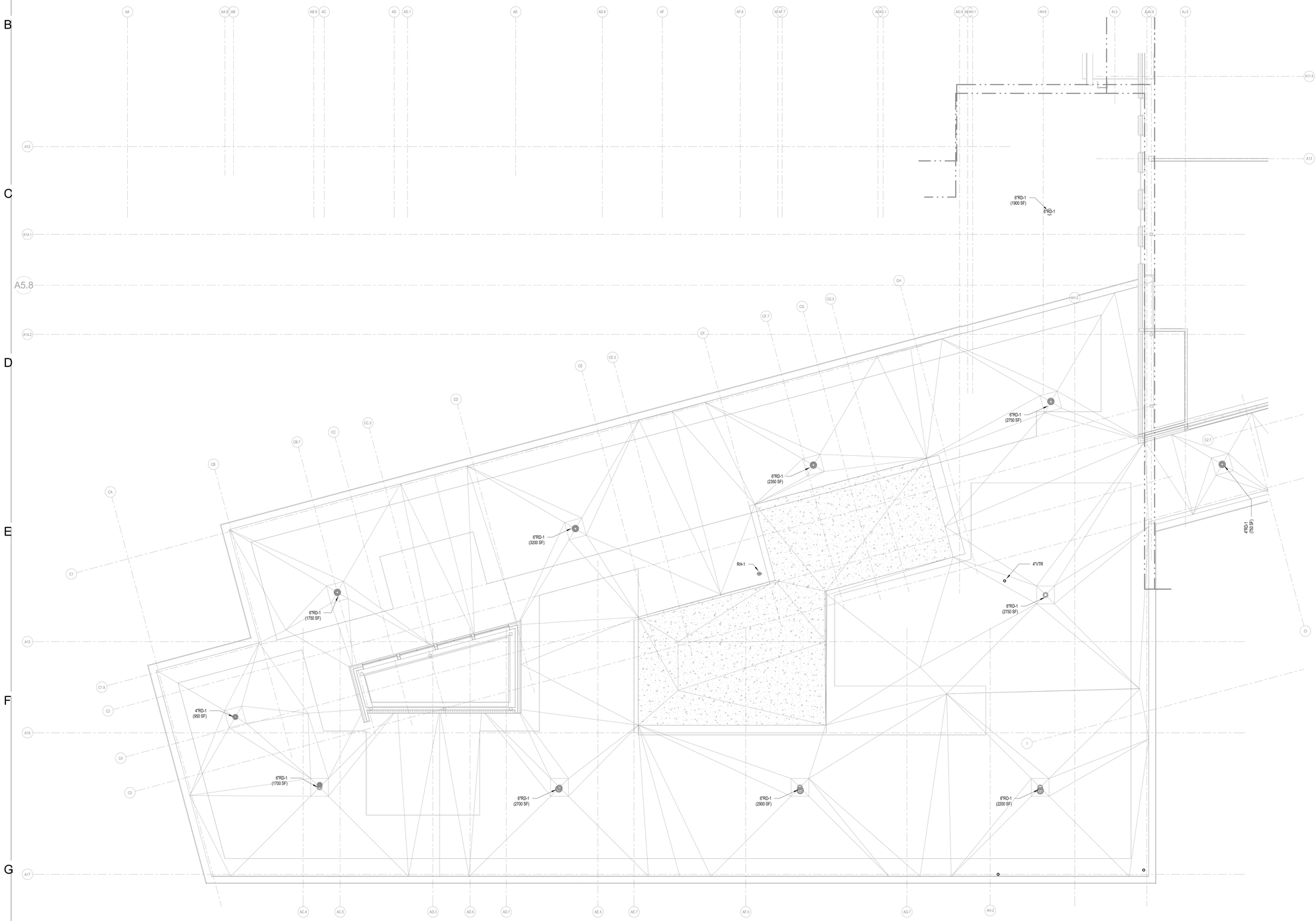
ROOF CONSTRUCTION PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

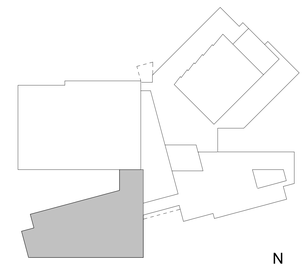
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW/PCE
REVISIONS:	

DD SET

P103.4



1 ROOF CONSTRUCTION PLAN - E
SCALE: 1/8" = 1'-0"



KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ROOF CONSTRUCTION PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

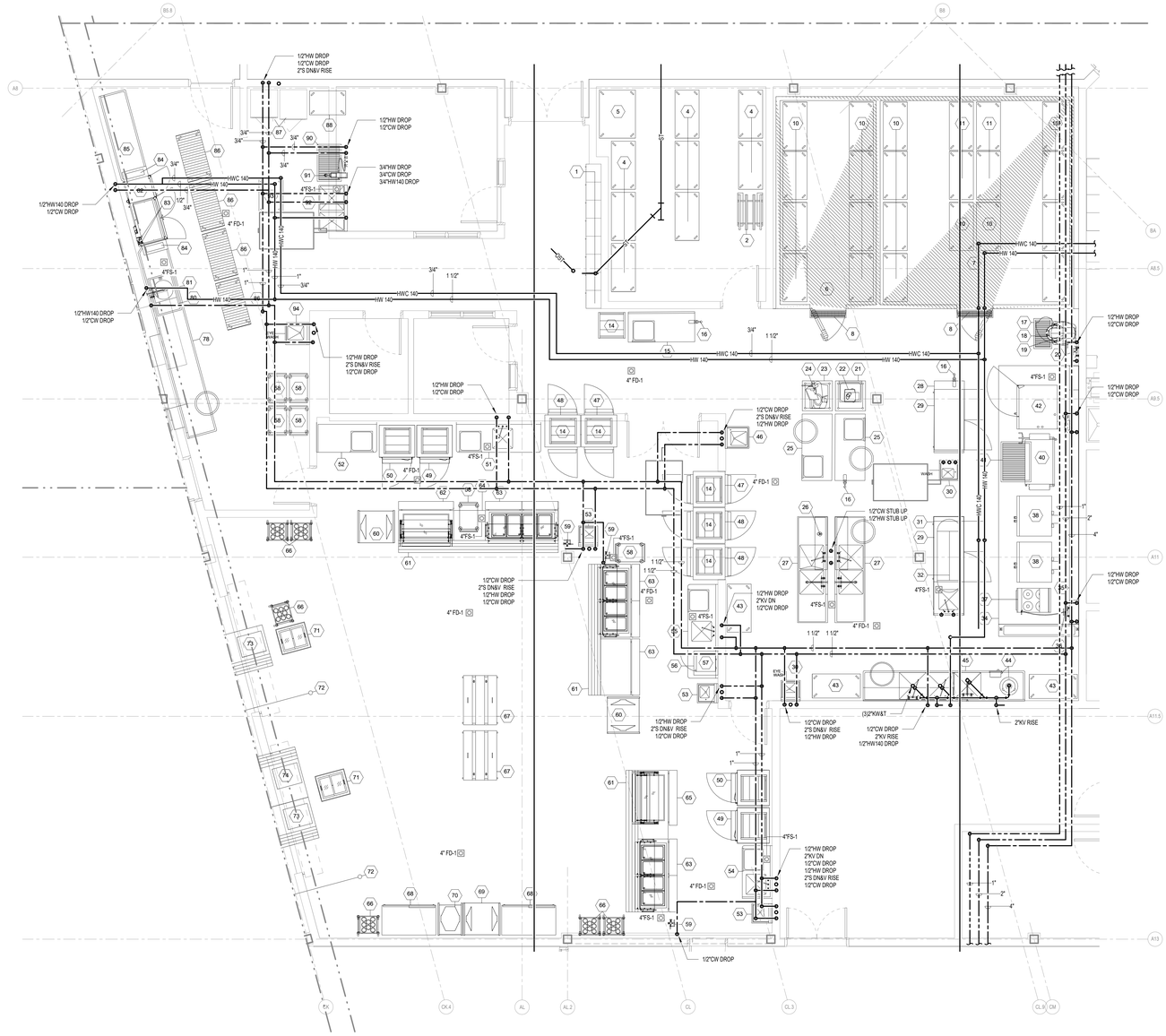
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW/PCE
REVISIONS:	

DD SET

P103.5

PLUMBING KEY NOTES:

1. 1/2"CW DROP
   2"S&V RISE
   1/2"HW DROP
2. 1/2"CW DROP
   2"KW&KV RISE
   1/2"HW DROP



G1 1ST FLOOR KITCHEN WASTE AND VENT PART PLAN
SCALE: 1/4" = 1'-0"

FOOD SERVICE EQUIPMENT SCHEDULE

ITEM # on D...	QNTY	EQUIPMENT Description	PLUMBING WATER H.W.	WATER C.W.	WATER H.W. 140	WASTE DIR.	WASTE KW	WASTE IND.	Remarks
6	1	WALK-IN REFRIGERATOR EVAPORATOR COIL	-	-	-	-	-	1"	
7	1	WALK-IN FREEZER EVAPORATOR COIL	-	-	-	-	-	1"	
8	2	FLOOR TROUGHS W/ GRATING	-	-	-	-	4"	-	
17	1	DRAIN TROUGH W/ GRATING	-	-	-	-	4"	-	
20	1	POTFILL FAUCET WITH HOSE	1/2"	1/2"	-	-	-	-	INDIRECT WASTE TO FLOOR SINK
27	2	PREP TABLES WITH SINKS (1 ADA)	(2)1/2"	(2)1/2"	-	(2)2"	-	-	
30	2	HAND SINKS	1/2"	1/2"	-	2"	-	-	
30a	2	EYE WASH ASSEMPLIES	1/2"	1/2"	-	-	-	-	PROVIDE 1/2" TEMPERED WATER CONNECTION TO EYE WASH...
31	1	COOKS TABLE W/ SINK	1/2"	1/2"	-	-	2"	-	
35	1	UTILITY DISTRIBUTION SYSTEM	3/4"	1/2"	-	-	-	-	
36	1	POT FILL FAUCET WITH HOSE	1/2"	1/2"	-	-	-	-	INTERCONNECTED TO U.D.S. ITEM NO. 35
40	1	40-GALLON TILTING SKILLET	1/2"	1/2"	-	-	-	-	4" DRAIN TROUGH LOCATED NEARBY PIPED TO KITCHEN WASTE
41	1	DRAIN TROUGH W/ GRATING	-	-	-	-	4"	-	
42	1	DOUBLE STACKED COMBI-OVEN	-	1/2"	-	-	-	(2)1-1/2"	BOILERLESS
44	1	WASTE DISPOSER	-	1/2"	-	2"	-	-	
45	1	POT WASHING ASSEMBLY W/ OVERSHELF	(2)1/2"	(2)1/2"	-	(3)2"	-	-	
46	1	HAND SINK	1/2"	1/2"	-	2"	-	-	ADA
51	1	BACKCOUNTER W/ WORK SINKS & DRAWERS	1/2"	1/2"	-	-	-	2"	
53	3	HANDSINKS	1/2"	1/2"	-	2"	-	-	
54	1	BACKCOUNTER W/ WORK SINKS & DRAWERS	1/2"	1/2"	-	-	-	2"	
55	1	BACKCOUNTER W/ WORK SINKS & DRAWERS	1/2"	1/2"	-	-	-	2"	
59	3	POT FILL FAUCETS WITH HOSE	-	1/2"	-	-	-	-	
63	3	DROP-IN HOT/COLD FOOD WELL UNITS	-	-	-	-	-	(4)1"	INDIRECT WASTE TO FLOOR SINKS
80	1	POT & PAN SCRAP COLLECTOR	1/2"	1/2"	-	-	-	2"	
81	1	PRE-RINSE FAUCET	1/2"	1/2"	-	-	-		
82	1	CONVEYOR DISHWASHER W/ BOOSTER	-	1/2"	1/2"	-	-	2"	
87	1	CLOTHES WASHER & DRYER	3/4"	3/4"	-	3"	-	-	
90	1	DRAIN TROUGH W/ GRATING	-		-	-	4"	-	ADA
91	1	HOSE REEL ASSEMBLY	1/2"	1/2"	-	-	-	-	
92	1	CANWASHER & JANITOR'S SINK	-	3/4"	3/4"	-	-	(2)2"	CANWASHER WASTE TO GREASE INTERCEPTOR AND JANITOR SINK WASTE TO BUILDING SANITARY SYSTSEM.
94	1	HAND SINK WITH EYE WASH	1/2"	1/2"	-	2"	-	-	ADA. PROVIDE TEMPERED WATER TO EYEWASH

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ENLARGED KITCHEN PART PLANS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	JW
REVISIONS:	

DD SET

P401

GENERAL KITCHEN NOTES

A. ALL FAUCETS TO BE FURNISHED BY THE KITCHEN SUPPLIER AND INSTALLED BY THE PLUMBING CONTRACTOR.

B. WATER PIPING CONCEALED UNDER THE SLAB SHALL BE TYPE "K" COPPER PROTECTED WITH 1/2" ARMAFLEX.

C. PLUMBING CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIAL AS REQUIRED TO MAKE FINAL CONNECTION TO EACH PIECE OF KITCHEN EQUIPMENT.

D. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL STOPS, PRESSURE REDUCING VALVES, REDUCERS, UNIONS, PIPING, TUBING, VACUUM BREAKERS, ETC., AS REQUIRED TO MAKE FINAL CONNECTION TO EACH PIECE OF KITCHEN EQUIPMENT.

E. AUTOMATIC GAS VALVE FOR HOOD SYSTEMS SHALL BE SUPPLIED BY THE KITCHEN SUPPLIER. INSTALLED BY THE PLUMBING CONTRACTOR IN ACCORDANCE WITH MANUFACTURER'S SPECS.

F. (E) INDICATES EQUIPMENT SUPPLIED BY FOOD SERVICE SUPPLIER.

G. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL A GAS COCK AND UNION AT EACH PIECE OF EQUIPMENT.

H. ALL EXPOSED WATER PIPING TO RECEIVE THREE (3) SEPARATE COATS OF CHROME PAINT TO OBTAIN A FINISH SIMILAR TO FACTORY COAT CHROME.

I. ALL WATER PIPING CONCEALED SHALL BE COVERED WITH 1/2 INCH FIBERGLASS INSULATION WITH VAPOR BARRIER.

J. ALL INDIRECT WASTE PIPING SHALL TERMINATE ABOVE A FLOOR DRAIN OR FLOOR SINK AND SHALL BE CUT AT A 45° ANGLE TO PROMOTE PROPER DRAINAGE.

K. MAINTAIN AIR GAP ON ALL INDIRECT WASTE PIPING AT FLOOR DRAINS, AS PER THE PLUMBING CODE.

L. ALL WATER AND GAS PIPING TO BE HUNG FROM FRAMING WHERE POSSIBLE. PROVIDE ALL OFFSETS, DROPS, DRIP-LEGS, ETC., AS REQUIRED TO CLEAR ALL DUCTWORK, CONDUCTS, ETC.

M. COORDINATE WITH KITCHEN EQUIPMENT CONTRACTOR FOR ALL MOUNTING HEIGHTS, POINTS OF CONNECTION, TYPE OF CONNECTION REQUIRED, ETC., PRIOR TO ROUGHING AND PIPING.

N. PROVIDE MECHANICAL SHOCK ABSORBERS ON THE HOT AND COLD SUPPLIES TO GARBAGE DISPOSERS, DISHWASHER AND PRE-RINSE SINKS.

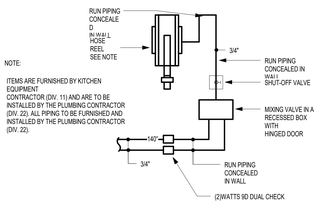
O. AT WATER CONNECTIONS TO DISHWASHER PROVIDE PRESSURE REGULATING VALVE, WATTS BY-PASS MODEL 45b, SAME SIZE AS PIPE LINE, WITH VALVE BY-PASS AND STRAINER.

P. IT IS NOT THE INTENTION OF THESE DRAWINGS THAT EVERY FITTING, HANGER, VALVE, DEVICE, ETC., BE SHOWN. ALL SUCH ITEMS SHALL BE FURNISHED AND INSTALLED AS MAY BE NECESSARY TO COMPLETE THE PLUMBING SYSTEMS AS USUALLY GIVEN TO THE TRADE AND TO THE SATISFACTION OF THE ARCHITECT.

Q. FURNISH AND INSTALL HEAT TRACE ON EACH CONDENSATE PIPING IN WALK-INS, WIRED BY ELECTRICAL CONTRACTOR.

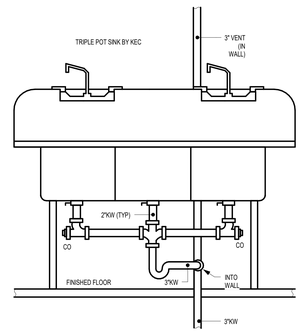
R. GAS COOKING EQUIPMENT SHALL HAVE REGULATORS FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR.

- GENERAL KITCHEN NOTES

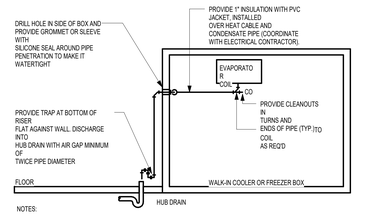


NOTE:
ITEMS ARE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR (DIV. 11) AND ARE TO BE INSTALLED BY THE PLUMBING CONTRACTOR (DIV. 22). ALL PIPING TO BE FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR (DIV. 22).

- PIPING AT HOSE REEL
SCALE: NTS

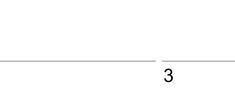


- TRIPLE POT SINK DIAGRAM
SCALE: NTS

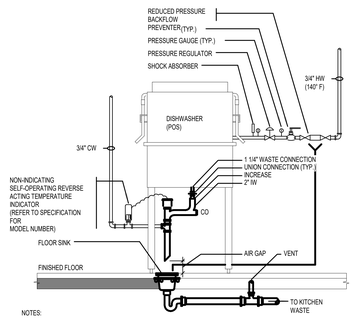


NOTES:
1. INSTALL PIPE AS HIGH AS POSSIBLE, ANCHORED TO WALL OF BOX WITH SUPPORTS AT MAXIMUM SIX FOOT CENTERS. USE TYPE "M" HARD COPPER TUBE AND FITTINGS WITH LEAD-FREE SOLDER JOINTS. SLOPE HORIZONTAL PIPE AT MINIMUM TWO PERCENT
2. PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST AS REQUIRED. VERIFY CONNECTION LOCATIONS BEFORE INSTALLING PIPE RUNS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. ALL EXPOSED PIPING & FITTINGS SHALL BE CHROME PLATED WITH ESCUTCHEONS AT PENETRATIONS

- WALK-IN REFRIGERATOR-FREEZER BOX CONDENSATE DRAIN (TYPICAL)
SCALE: NTS

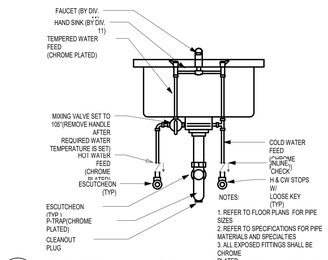


- ICE MAKER / WATER DISPENSER CONNECTION
SCALE: NTS



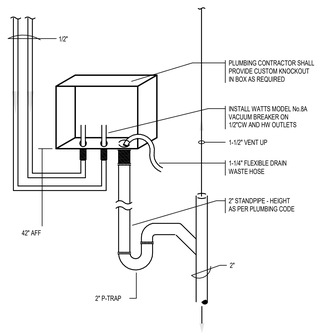
NOTES:
1. REFER TO FLOOR PLANS FOR PIPE SIZES.
2. REFER TO SPECIFICATIONS FOR PIPE MATERIALS AND SPECIALTIES

- COMMERCIAL KITCHEN DISHWASHER PIPING
SCALE: NTS



NOTES:
1. REFER TO FLOOR PLANS FOR PIPE SIZES
2. REFER TO SPECIFICATIONS FOR PIPE MATERIALS AND SPECIALTIES
3. ALL EXPOSED FITTINGS SHALL BE CHROME PLATED

- TEMPERED WATER KITCHEN HAND SINK CONNECTION (TYPICAL)
SCALE: NTS



- WM BOX DRAIN & SUPPLY FOR DISHWASHER
SCALE: NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

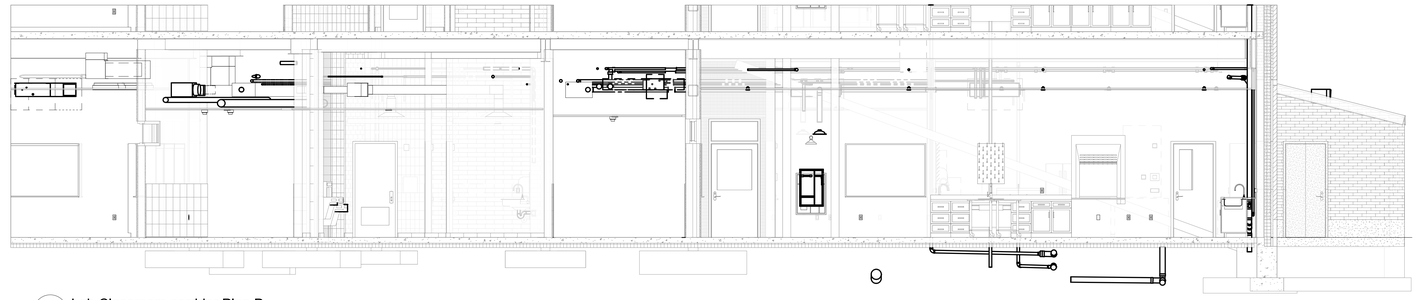
KITCHEN DETAILS AND DIAGRAMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

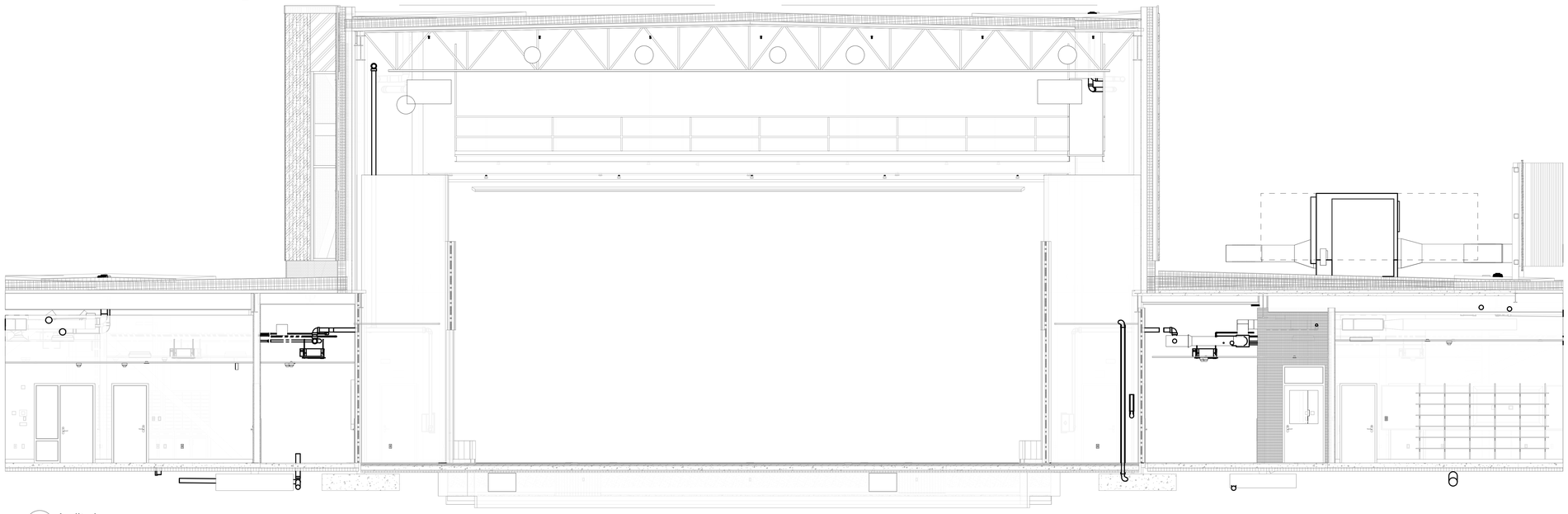
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	NTS
DRAWN BY:	Author
REVISIONS:	

DD SET

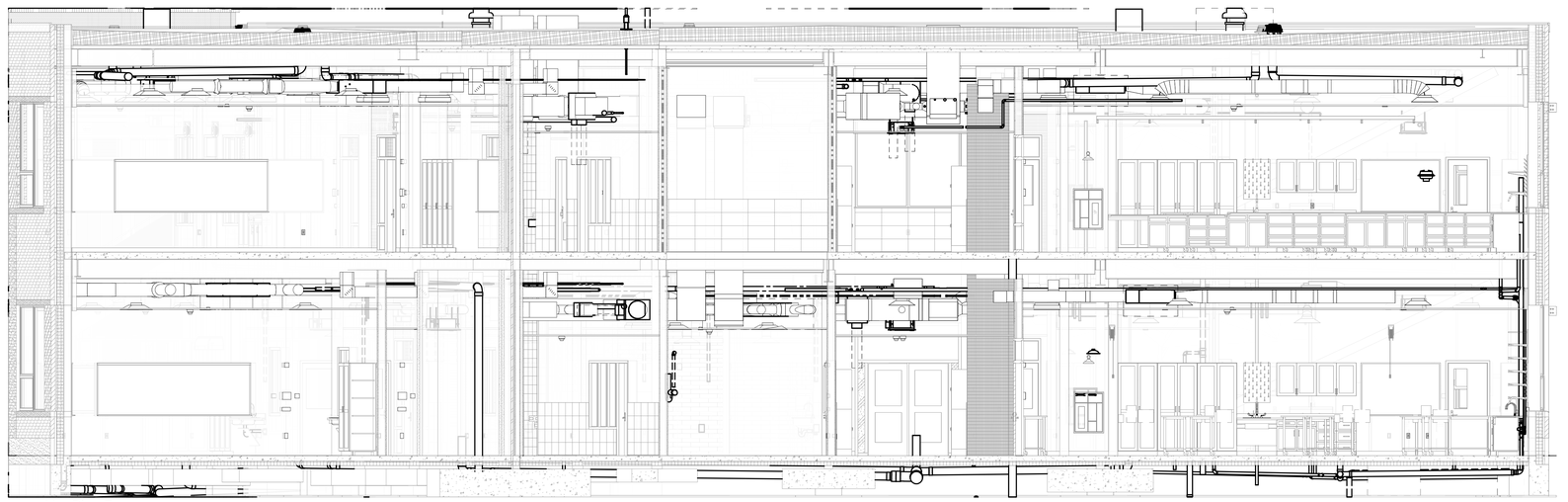
P402



1 Lab Classroom corridor Plan D
SCALE:



2 Auditorium
SCALE:



3 Lab Classroom corridor Plan E
SCALE:

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

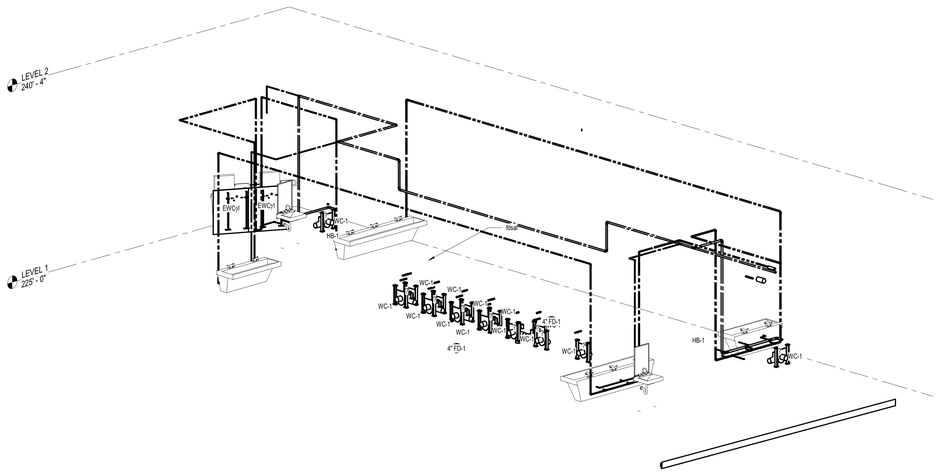
PLUMBING SECTIONS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

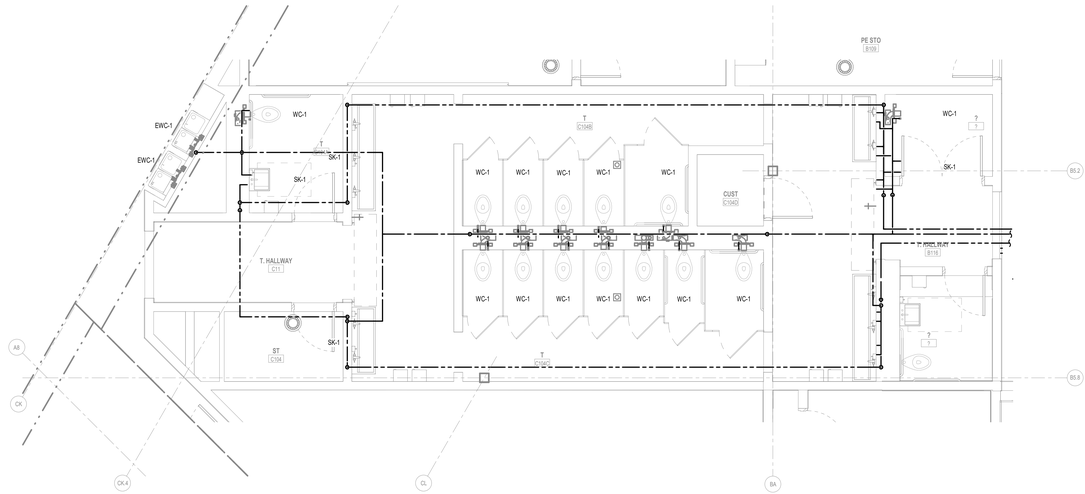
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	
DRAWN BY:	Author
REVISIONS:	

DD SET

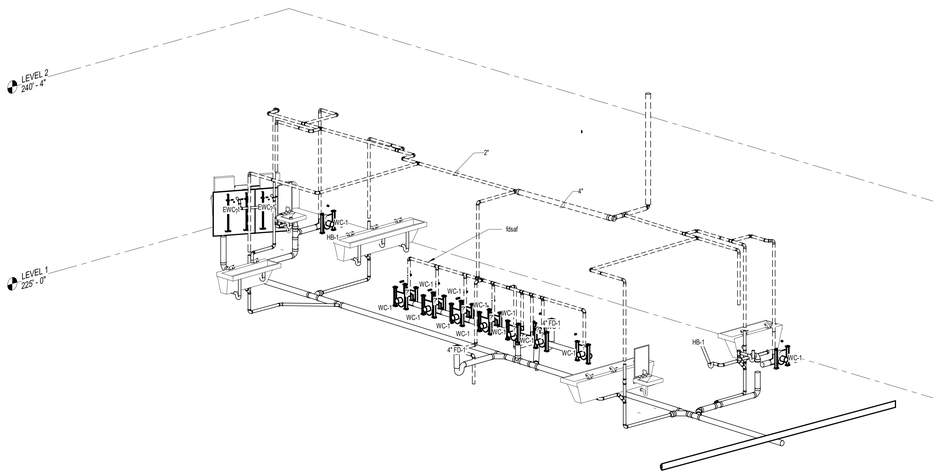
P403



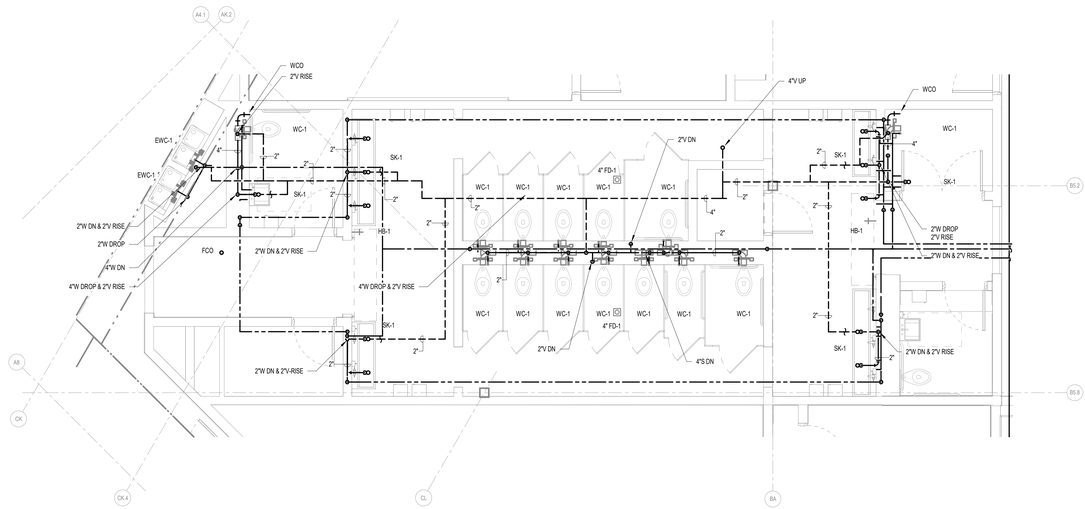
4 1ST FLOOR CONSTRUCTION PLAN - B RESTROOM DOMESTIC SUPPLY RISER DIAGRAM
SCALE:



1 1ST FLOOR RESTROOM DOMESTIC SUPPLY PART PLAN
SCALE: 1/4" = 1'-0"



3 1ST FLOOR CONSTRUCTION PLAN - B RESTROOM WASTE AND VENT RISER DIAGRAM
SCALE:



2 1ST FLOOR RESTROOM WASTE AND VENT PART PLAN
SCALE: 1/4" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

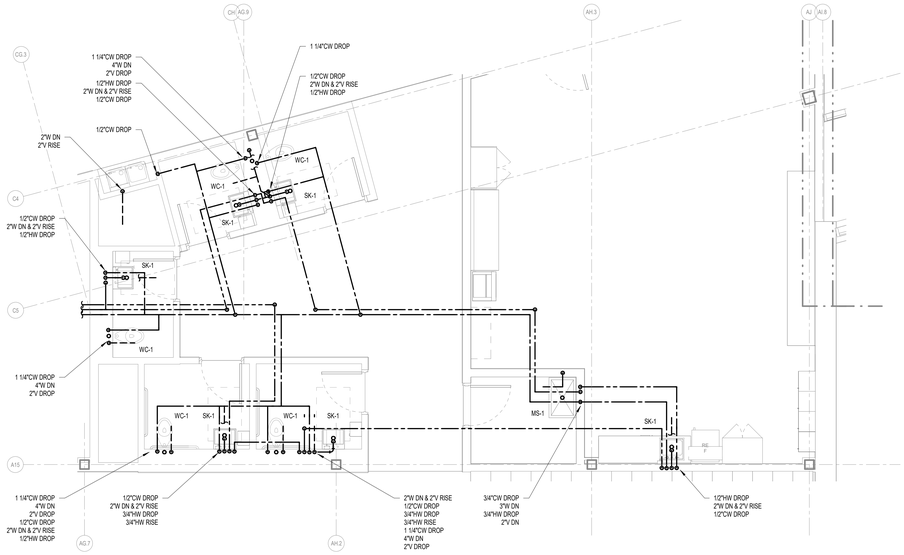
PLUMBING PART PLANS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

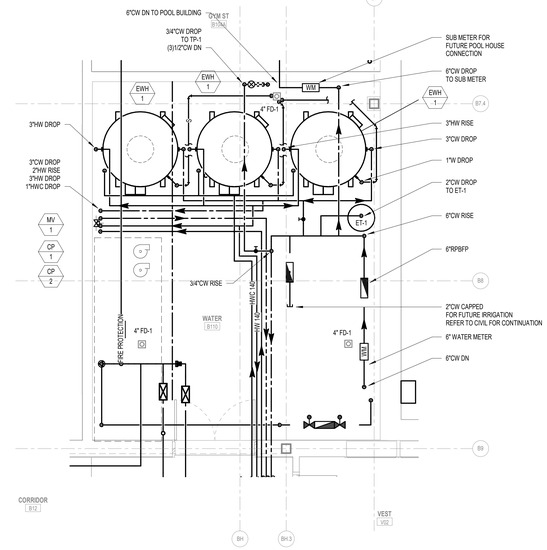
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/4" = 1'-0"
DRAWN BY:	JW
REVISIONS:	

DD SET

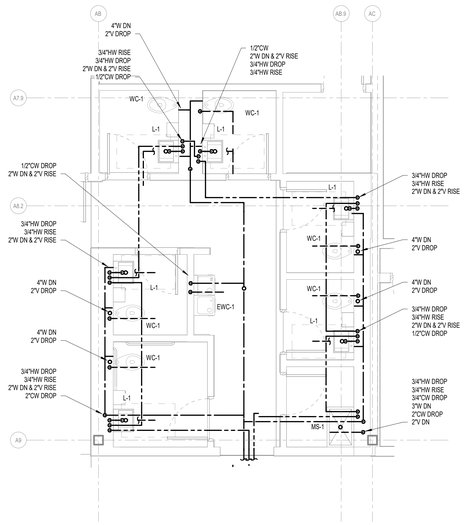
P411



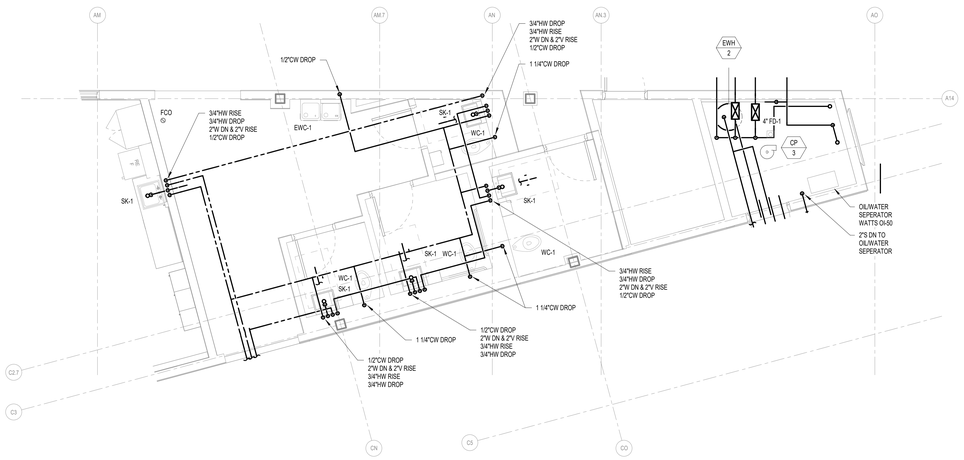
2 1ST FLOOR PART PLAN - E - 1
SCALE: 1/4" = 1'-0"



1 1ST FLOOR CONSTRUCTION PLAN - WATER ROOM PART PLAN
SCALE: 1/4" = 1'-0"



4 1ST FLOOR PART PLAN - A - 1
SCALE: 1/4" = 1'-0"



3 1ST FLOOR PART PLAN - D - 1
SCALE: 1/4" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

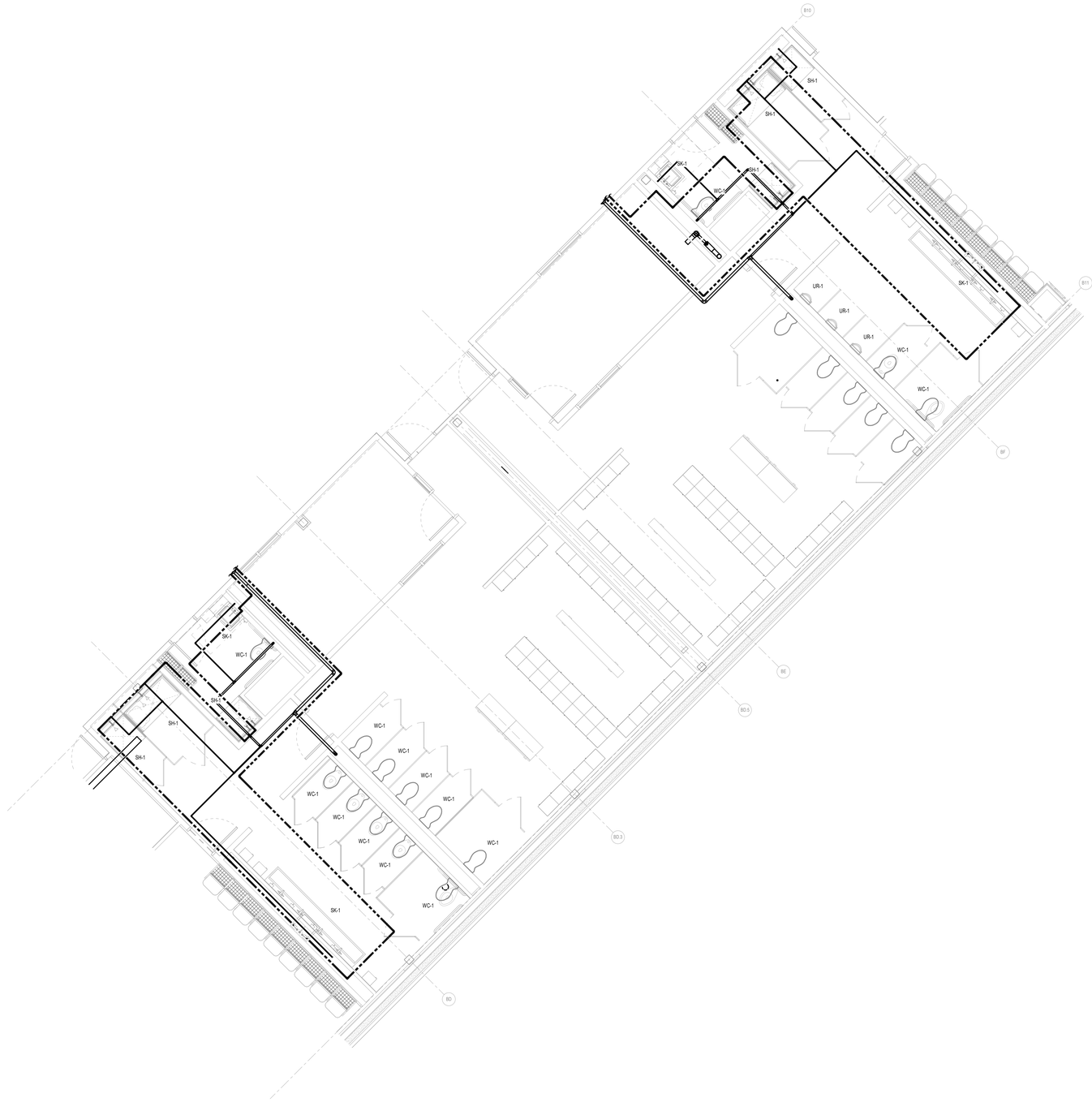
PLUMBING PART PLANS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

P412



N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

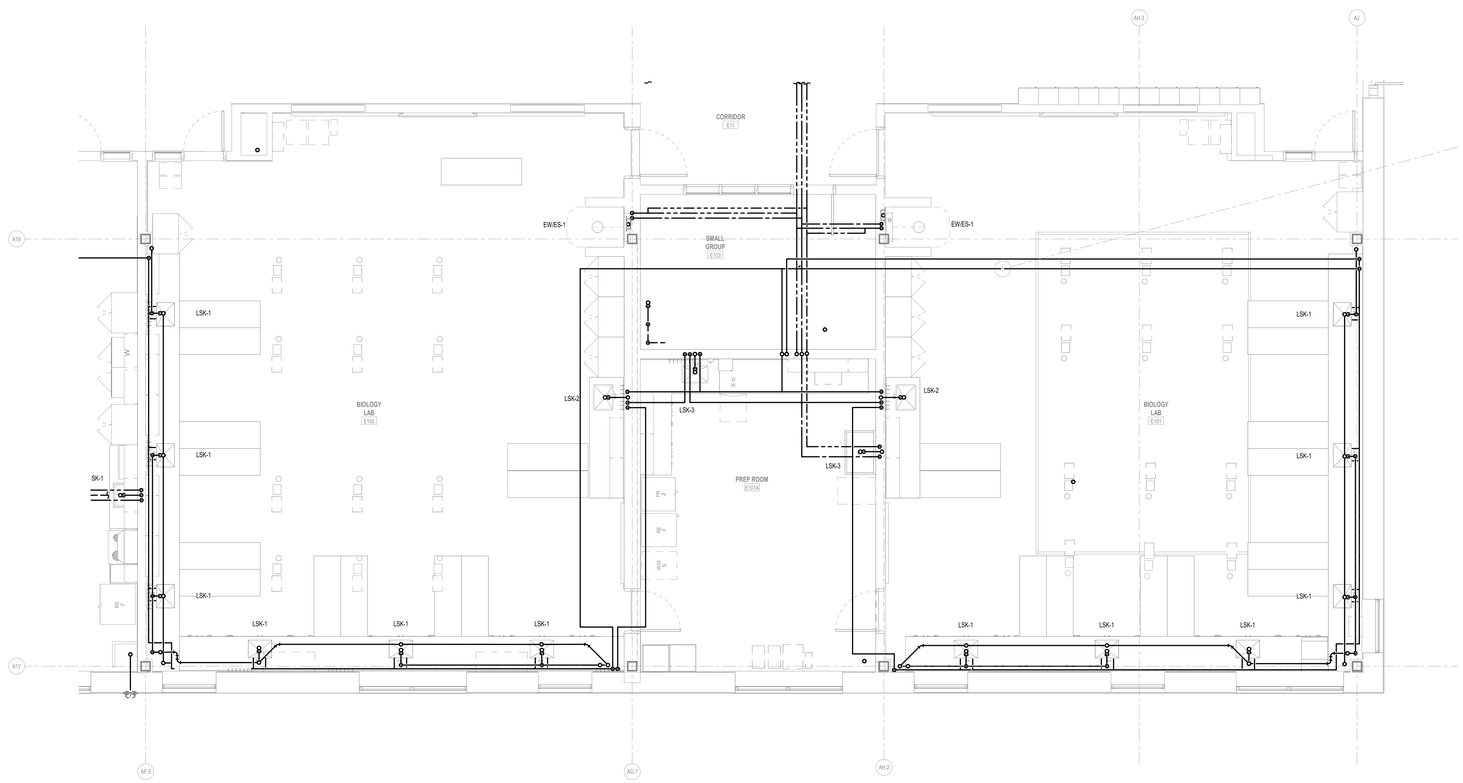
PLUMBING PART PLANS

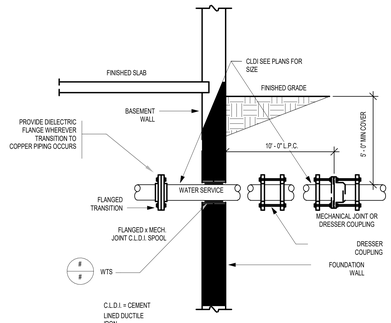
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	1/4" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

P413


CORRIDOR
E11
SMALL GROUP
E10
EWES-1
EWES-1
LSK-1
LSK-2
LSK-3
LSK-2
LSK-3
BIOLOGY LAB
E09
BIOLOGY LAB
E01
PREP ROOM
E10A
SK-1
LSK-1
LSK-1
LS



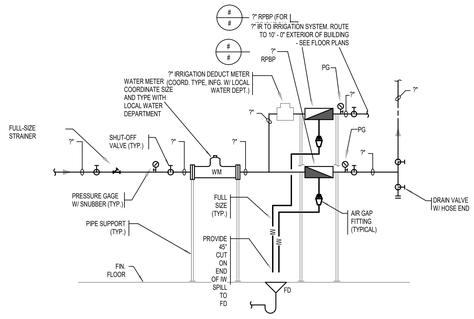
NOTES:

1. SOCKET CLAMP ASSEMBLIES SHALL INCLUDE WASHERS.
GRINNELL FIG'S. 595 AND 594, OR APPROVED EQUAL.

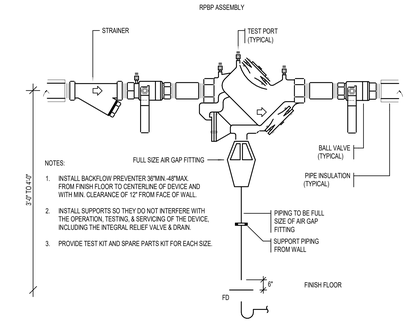
2. AFTER INSTALLATION, ALL BURIED RESTRAINT DEVICES SHALL
BE CLEANED AND COATED WITH A BITUMINOUS OR OTHER
CORROSION RETARDING MATERIAL.

NOMINAL PIPE SIZE..(IN.)	NUMBER & SIZE OF THRUST RODS	SOCKET CLAMP SIZE (NOTE 1)	SLEEVE/CORE SIZE..(IN.)
4	(2) 5/8"	1/2" x 2"	8
6	(2) 5/8"	1/2" x 2"	10
8	(2) 3/4"	5/8" x 2-1/2"	12

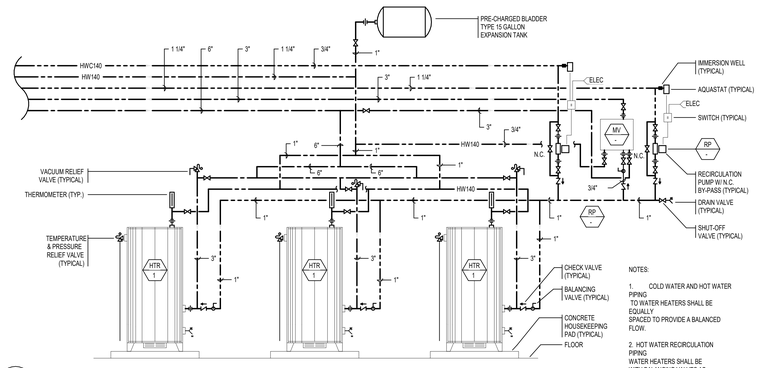
- WATER SERVICE ENTRANCE DIAGRAM
SCALE: NTS



D4 WATER METER & BACKFLOW PREVENTERS SCHEMATIC
SCALE: NTS



D7 REDUCED PRESSURE BACKFLOW PREVENTER
SCALE: NTS

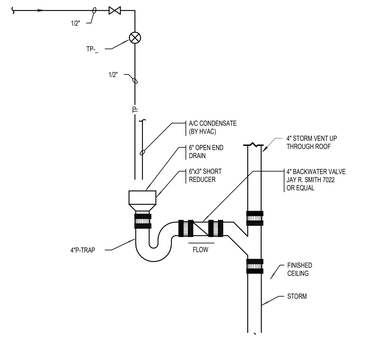


NOTES:

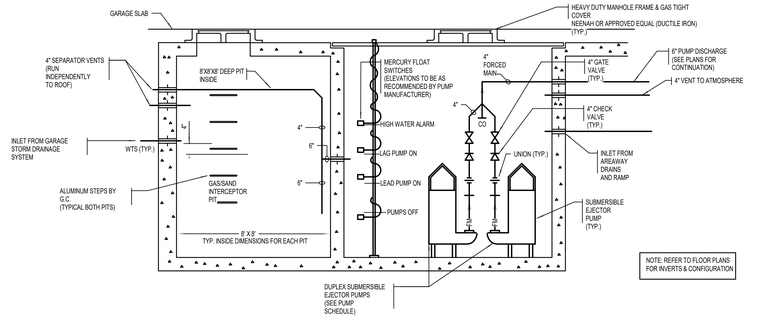
1. COLD WATER AND HOT WATER PIPING
TO WATER HEATERS SHALL BE EQUALLY
SPACED TO PROVIDE A BALANCED FLOW.

2. HOT WATER RECIRCULATION PIPING
WATER HEATERS SHALL BE WITH BALANCING VALVES AS SHOWN.

G1 TRIPLEX ELECTRIC WATER HEATERS - 2 TEMP.
SCALE: NTS



G4 OPEN END DRAIN (OED) FOR A/C CONDENSATE
SCALE: NTS



G6 GAS/SAND INTERCEPTOR AND EJECTOR PITS (STORM DRAINAGE)
SCALE: NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

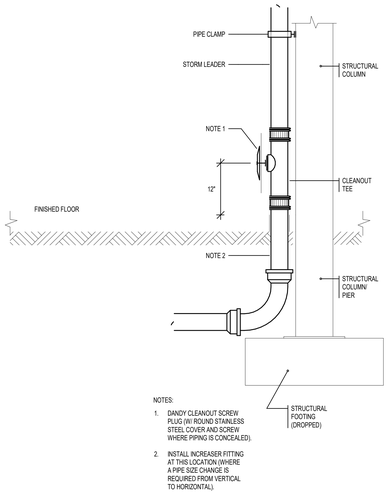
DETAILS SHEET 1

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

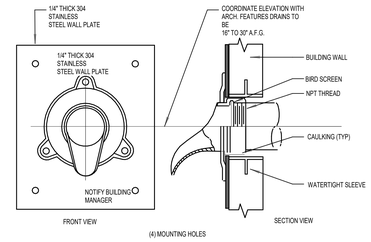
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	NTS
DRAWN BY:	PCE
REVISIONS:	

DD SET

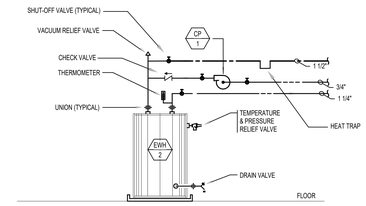
P501



D2 BASE OF STORM DRAIN PIPING
SCALE: NTS

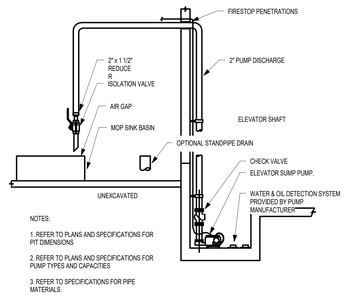


D4 SECONDARY STORM CONDUCTOR NOZZLE
SCALE: N.T.S.

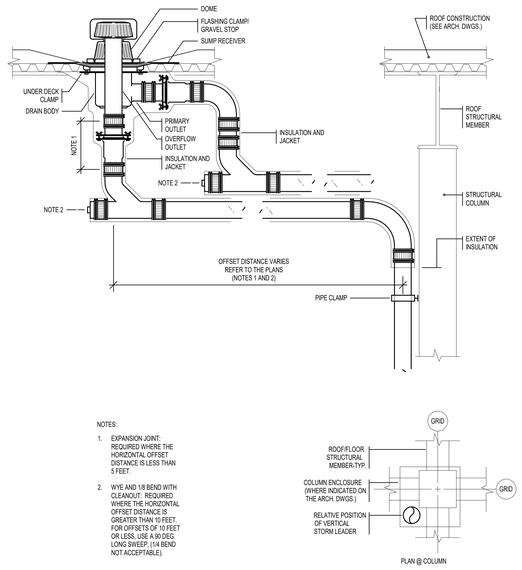


NOTES:
1. DRIP PAN TO HAVE A MINIMUM DEPTH OF 2" AND HAVE AT LEAST A 2" CLEARANCE OF AROUND BASE OF THE WATER HEATER

D6 ELECTRIC WATER HEATER (WITH CIRCULATION)
SCALE: NTS



G1 ELEVATOR SUMP PUMP
SCALE: NTS



G4 ROOF/OVERFLOW COMBO DRAINAGE PIPING
SCALE: NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

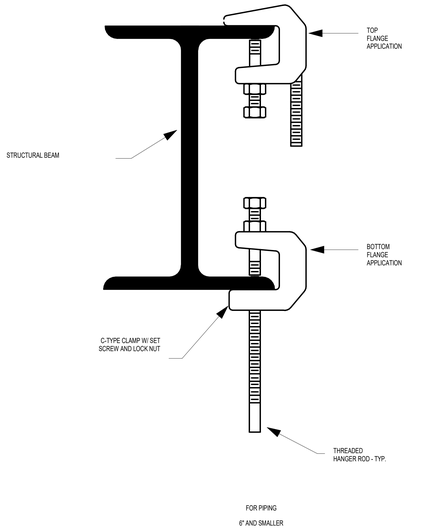
DETAILS SHEET 2

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

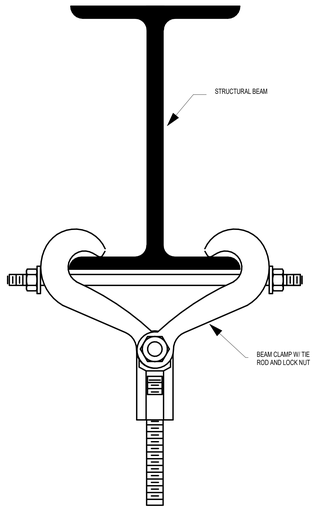
PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	NTS
DRAWN BY:	Author
REVISIONS:	

DD SET

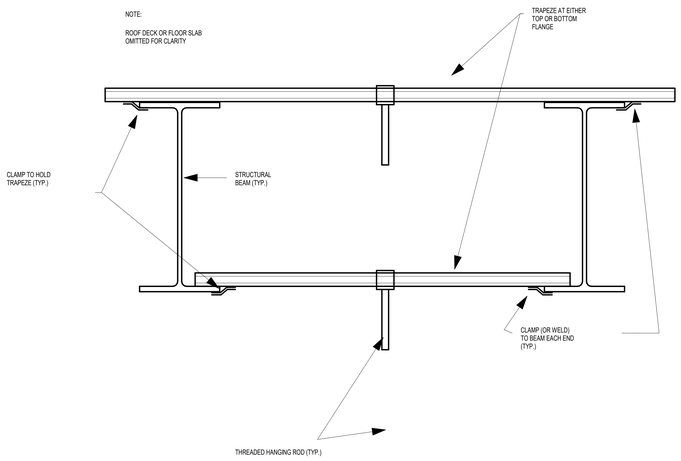
P502



FOR PIPING
6" AND SMALLER

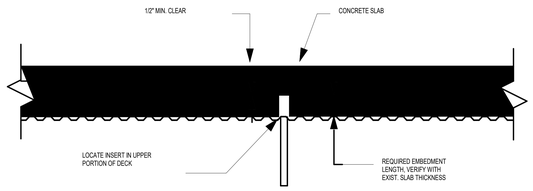


FOR PIPING
8" AND LARGER

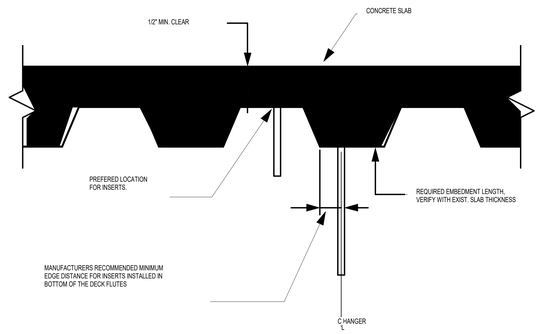


P21A BEAM HANGING DETAILS
SCALE: NTS

UNIFY



SLABS ON FORM DECK



SLABS ON COMPOSITE DECK

P21B FLOOR HANGING DETAILS (FOR PIPES 5" OR LESS)
SCALE: NTS

UNIFY

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS SHEET 3

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	NTS
DRAWN BY:	PCE
REVISIONS:	

DD SET

P503

DRAIN SCHEDULE

TAG	BASIS OF DESIGN		DESCRIPTION	REMARKS
	MANUFACTURER	MODEL		
4" FD-1	JAY R. SMITH	2005-B-P050-U-NB	DUCO CAST IRON BODY WITH FLASHING COLLAR WITH SQUARE S.S. ADJUSTABLE STRAINER HEAD	CAULK (BURIED) OR NO-HUB (UN-BURIED) OUTLET (FOR TOILET AND SHOWER ROOMS) PROVIDE SURE SEAL IN LINE FLOOR DRAIN TRAP SEAL INSERT. SIZE TO MATCH THE SIZE OF FLOOR DRAIN.
4"FS-1	JAY R. SMITH	3101	CAST IRON RECEPTOR WITH ACID RESISTENT COATED INTERIOR AND SEDIMENT BUCKET	HALF GRATE TO RECEIVE IW FROM KITCHEN FIXTURES
6"RD-1	ZURN	FROET 100C	DUAL OUTLET ROOF DRAIN	<varies>

WATER HEATER SCHEDULE

TAG	SERVICE/ LOCATION	GALLONS STORAGE	RECOVERY RATE (GPH) - 40° -140°	ELECTRICAL				BASIS OF DESIGN		REMARKS
				KW	V	Ø	HZ	MANUFACTURER	MODEL	
EWH-1	WATER B110	300	220	54	240	3		PVI	1200 L 750A-VE	
EWH-2	WATER D106,E208	33	36	12.2	240	3		AO SMITH	DEL-30	

PUMP SCHEDULE

TAG	LOCATION	DESCRIPTION	FLUID		GPM (EACH)	HEAD	ELECTRICAL					BASIS OF DESIGN		REMARKS
			TYPE	TEMP (°F)			RPM	HP	V	Ø	HZ	MANUFACTURER	MODEL	
CP-1	WATER B110	DUPLEX DOMESTIC POTABLE HOT WATER CIRC PUMP										GRUNDFOS		
CP-2	WATER B110	KITCHEN HOT WATER										GRUNDFOS		
CP-3	WATER D106,E208	NON POTABLE HOT WATER										GRUNDFOS		
SP-1	ELEVATOR PIT	ELEVATOR SUMP PUMP	GRAY WATER	50	50	25'		1		3	60	STANCOR	SE-100	

INTERCEPTOR SCHEDULE

TAG	FLOW (GPM)	GREASE CAPACITY	BASIS OF DESIGN		INLET SIZE	OUTLET SIZE	DIMENSIONS	REMARKS
			MANUFACTURER	MODEL				
GT-1	75	860 LBS	SCHIER	GB-75	4"	4"	33"x47"	
GT-2	75	860 LBS	SCHIER	GB-75	4"	4"	33"x47"	
GT-3	75	860 LBS	SCHIER	GB-75	4"	4"	33"x47"	

TRAP PRIMER VALVE SCHEDULE

TAG	LOCATION	BASIS OF DESIGN		INLET SIZE	OUTLET SIZE(S)	ELECTRICAL			REMARKS
		MANUFACTURER	MODEL			V	Ø	HZ	
TP-1		PPP	MPB-500	1/2"	1/2"	115	1	60	

MIXING VALVE SCHEDULE

TAG	SYSTEM TYPE/ LOCATION/ RM #	BASIS OF DESIGN		INLET SIZE		OUTLET SIZE	MINIMUM FLOW (GPM)	MAXIMUM FLOW (GPM)	PRESSURE DROP @ MAX. FLOW	OPERATING TEMPERATURE		REMARKS
		MANUFACTURER	MODEL	HW	CW					HW INLET	HW OUTLET	
MV-1	WATER B110	LEONARD WATER TEMPERATURE CONTROLS	MEGATRON NV-300-LF	2"	3"	3"	1 GPM	226 GPM	10 PSI	140°F	120°F	
MV-2	EMERGENCY FIXTURES	GUARDIAN EQUIPMENT	G3807LF	1"	1"	1-1/4"	3 GPM	44 GPM	38 PSI	120°F	75°F	

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	MOUNTING	ADA/MAAB	FIXTURE	TRIM	FLOW RATE	STOP	TRAP	CARRIER	WASTE	VENT	COLD WATER	HOT WATER	LAB WASTE	LAB VENT	NON POTABLE COLD WATER	NON POTABLE HOT WATER	LAB GAS	COMPRESSED AIR	REMARKS	EQUIVALENTS
EWC-1	ELECTRIC WATER COOLER / BOTTLE FILLING STATION	WALL	YES	ELKAY LZWS-LRPBM28K	INCLUDED		1/2" BALL VALVE	BRASS VALVE 1-1/4" TAIL PIECE W/1-1/2" TUBULAR TRAP	WALL MOUNTING FRAME	2"	2"	1/2"	-							120V, 60HZ	
HB-1	HOSE BIBB (FINISHED AREAS)																				
HB-2	HOSE BIBB (COLD AND HOT)																				
LAV-1	1-STATION LAVATORY	WALL	YES	BRADLEY VERGE WASH BASIN ONE STATION UNIT MODEL LVAD1 NO SOAP DISPENSER (FAUCETS:HW,CW & WASTE ARE PRE-PIPED) 0.5 GPM PER FAUCET.	AMERICAN STANDARD SELECTRONIC INTEGRATED ELECTRONIC PROXIMITY LAVATORY FAUCET MODEL NO. 7055.105, SENSOR OPERATED, PWRX LONG LIFE BATTERY POWERED WITH ABOVE DECK MIXING AND 0.5 GPM AREATOR	0.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE #155WC OFFSET GRID DRAIN 1-1/4"x1-1/2" BRASS SLIP JOINT TUBULAR TRAP WITH CLEANOUT	PROVIDE BRADLEY FRAMING SYSTEM	1 1/2"	1 1/2"	1/2"	1/2"	-	-	-	-		COLOR EVEREST, INSULATE HOT & COLD WATER, AND WASTE PIPING (PRE-FORMED)	
LAV-2	2-STATION LAVATORY	WALL	YES	BRADLEY VERGE WASH BASIN TWO STATION UNIT MODEL LVL D2 NO SOAP DISPENSER (FAUCETS:HW,CW & WASTE ARE PRE-PIPED) 0.5 GPM PER FAUCET.	AMERICAN STANDARD SELECTRONIC INTEGRATED ELECTRONIC PROXIMITY LAVATORY FAUCET MODEL NO. 7055.105, SENSOR OPERATED, PWRX LONG LIFE BATTERY POWERED WITH ABOVE DECK MIXING AND 0.5 GPM AREATOR	0.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE #155WC OFFSET GRID DRAIN 1-1/4"x1-1/2" BRASS SLIP JOINT TUBULAR TRAP WITH CLEANOUT	PROVIDE BRADLEY FRAMING SYSTEM	1 1/2"	1 1/2"	1/2"	1/2"	-	-	-	-		COLOR EVEREST, INSULATE HOT & COLD WATER, AND WASTE PIPING (PRE-FORMED)	
LAV-3	3-STATION LAVATORY	WALL	YES	BRADLEY VERGE WASH BASIN THREE STATION UNIT MODEL LVSD3 NO SOAP DISPENSER (FAUCETS:HW,CW & WASTE ARE PRE-PIPED) 0.5 GPM PER FAUCET.	AMERICAN STANDARD SELECTRONIC INTEGRATED ELECTRONIC PROXIMITY LAVATORY FAUCET MODEL NO. 7055.105, SENSOR OPERATED, PWRX LONG LIFE BATTERY POWERED WITH ABOVE DECK MIXING AND 0.5 GPM AREATOR	0.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE #155WC OFFSET GRID DRAIN 1-1/4"x1-1/2" BRASS SLIP JOINT TUBULAR TRAP WITH CLEANOUT	PROVIDE BRADLEY FRAMING SYSTEM	1 1/2"	1 1/2"	1/2"	1/2"	-	-	-	-		COLOR EVEREST, INSULATE HOT & COLD WATER, AND WASTE PIPING (PRE-FORMED)	
LSK-1	SINK (LAB)	FLOOR	YES	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	1.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE 2" GRID DRAIN STRAINER W/ 1-1/2" OFFSET TAILPIECE, 1-1/2" C.P. SLIP JOINT TUBULAR TRAP WITH CLEANOUT	NONE	2"	1 1/2"	1/2"	1/2"	-	-	-	-	-	PROVIDE BELOW DECK THERMOSTATIC MIXING VALVE AND ADJUST TEMPERATURE TO 105°F	
LSK-2	SINK (LAB)	FLOOR	YES	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	1.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE 2" GRID DRAIN STRAINER W/ 1-1/2" OFFSET TAILPIECE, 1-1/2" C.P. SLIP JOINT TUBULAR TRAP WITH CLEANOUT	NONE	2"	1 1/2"	1/2"	1/2"	-	-	-	-	-	PROVIDE BELOW DECK THERMOSTATIC MIXING VALVE AND ADJUST TEMPERATURE TO 105°F	
MS-1	MOP SINK																				
SH-1	SHOWER W/ HAND SHOWER (ADA)	WALL	YES	LASCO 1363BFS (ADA COMPLIANT) 36" X 36" WITH 18" GRAB BAR, CENTER DRAIN LOCATION, SLIP RESISTANT, HORIZONTAL L-SHAPED GRAB BAR, STAINLESS STEEL, VERTICAL 18" GRAB BAR, L-SHAPED FOLD-UP SEAT , HANDHELD SHOWER, PROVIDE VACUUM BREAKER AND 60" HOSE WITH PRESSURE BALANCING MIXING VALVE PLUS BRASS DRAIN	-	1.5 GPM	INTEGRAL STOP	REFER TO DRAIN REQUIREMENTS AS SHOWN ON PLAN	NONE	2"	2"	1/2"	1/2"	-	-	-	-		PROVIDE 2" DRAIN JAY R. SMITH 2010 SHOWER DRAIN DUCO CAST IRON BODY WITH FLASHING COLLAR AND SQUARE S.S. ADJUSTABLE STRAINER HEAD, CAULK (BURIED) NO HUB (UN-BURIED)	
SH-2	SHOWER	WALL	YES	FIAT TERRAZZO WHEELCHAIR SHOWER RECEPTOR WITH STAINLESS STEEL STRAINER PLATE AND STAINLESS STEEL RAMP. STAINLESS STEEL AND CAST INTEGRAL DRAIN. MODEL NO. ADAWN3636	SYMMONS MODEL # 4705-TRM-1.5 PRESSURE BALANCED VALVE W/ THERMOMETER, 5' METAL HOSE SPRAY, VACUUM BREAKER, DIVERTER & SHOWER HEAD BRACKET	1.5 GPM	INTEGRAL STOP	REFER TO DRAIN REQUIREMENTS AS SHOWN ON PLAN	NONE	2"	2"	1/2"	1/2"	-	-	-	-		PROVIDE 2" DRAIN TYPE FD-3	
SK-1	CLASSROOM SINK	COUNTER	YES	SINK INTEGRAL TO COUNTERTOP (FURNISHED BY CASEWORK CONTRACTOR)	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	1.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE 2" GRID DRAIN STRAINER W/ 1-1/2" OFFSET TAILPIECE, 1-1/2" C.P. SLIP JOINT TUBULAR TRAP WITH CLEANOUT	NONE	2"	1 1/2"	1/2"	1/2"	-	-	-	-		PROVIDE PLASTER TRAP SIMILAR TO JAY R. SMITH 8710	
SK-2	CLASSROOM SINK	COUNTER	NO	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	1.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE 2" GRID DRAIN STRAINER W/ 1-1/2" OFFSET TAILPIECE, 1-1/2" C.P. SLIP JOINT TUBULAR TRAP WITH CLEANOUT	NONE	2"	1 1/2"	1/2"	1/2"	-	-	-	-		PROVIDE PLASTER TRAP SIMILAR TO JAY R. SMITH 8710	
SK-3	SINK (CLASSROOM)	COUNTER	YES	ELKAY LRAD 2521 (25"X21-1/4"X6"D) TYPE 304 NICKEL BEARING STAINLESS STEEL, 18 GA. W/ SOUND DEAD, 4 HOLE, SELF- RIMMING	KOHLER FORTE MODEL NO. K-10412 9-1/16" SWING SPOUT, CERAMIC DISC VALVE AND MATCHING SIDESPRAY	1.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE 2" GRID DRAIN STRAINER W/ 1-1/2" OFFSET TAILPIECE, 1-1/2" C.P. SLIP JOINT TUBULAR TRAP WITH CLEANOUT	NONE	2"	1 1/2"	1/2"	1/2"	-	-	-	-		PROVIDE BELOW DECK, THERMOSTATIC MIXING VALVE AND ADJUST TEMPERATURE TO 105°F	
SK-4	SINK (CLASSROOM)	COUNTER	YES	ELKAY LRAD 2521 (25"X21-1/4"X6"D) TYPE 304 NICKEL BEARING STAINLESS STEEL, 18 GA. W/ SOUND DEAD, 4 HOLE, SELF- RIMMING	KOHLER FORTE MODEL NO. K-10412 9-1/16" SWING SPOUT, CERAMIC DISC VALVE AND MATCHING SIDESPRAY	1.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE 2" GRID DRAIN STRAINER W/ 1-1/2" OFFSET TAILPIECE, 1-1/2" C.P. SLIP JOINT TUBULAR TRAP WITH CLEANOUT	NONE	2"	1 1/2"	1/2"	1/2"	-	-	-	-		PROVIDE BELOW DECK THERMOSTATIC MIXING VALVE AND ADJUST TEMPERATURE TO 105°F	
SK-5	SINK (CLASSROOM)	COUNTER	YES	ELKAY LRAD 2521 (25"X21-1/4"X6"D) TYPE 304 NICKEL BEARING STAINLESS STEEL, 18 GA. W/ SOUND DEAD, 4 HOLE, SELF- RIMMING	CHICAGO NO. 201-AGN2AE3VP A1000CP 5-1/4" RIDGID/ SWING GOOSENECK SPOUT, DECK MOUNTED,8" FIXED CENTERS	1.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE 2" GRID DRAIN STRAINER W/ 1-1/2" OFFSET TAILPIECE, 1-1/2" C.P. SLIP JOINT TUBULAR TRAP WITH CLEANOUT	NONE	2"	1 1/2"	1/2"	1/2"	-	-	-	-		PROVIDE GURDIAN MODEL G-1840LH-HA-TMV SWING-DOWN EYEWASH W/ THEMOSTATIC MIXING VALVE MOUNTED BELOW SINK IN CABINET PROVIDE SPECIAL SINK PUNCH TO ACCOMMODATE THE EYEWASH TEMPLATE COORDINATE EYEWASH SWING WITH FAUCET SPOUT	
SK-6	SINK	FLOOR	YES	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	1.5 GPM	MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE 2" GRID DRAIN STRAINER W/ 1-1/2" OFFSET TAILPIECE, 1-1/2" C.P. SLIP JOINT TUBULAR TRAP WITH CLEANOUT	NONE	2"	1 1/2"	1/2"	1/2"	-	-	-	-	-	PROVIDE BELOW DECK THERMOSTATIC MIXING VALVE AND ADJUST TEMPERATURE TO 105°F	
SK-7	SINK	COUNTER	YES	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR	FURNISHED BY CASEWORK CONTRACTOR INSTALLED BY PLUMBING CONTRACTOR		MCGUIRE HEAVY DUTY POLISHED C.P. CAST BRASS ANGLE VALVE KITS, LOOSE KEY, FLEXIBLE RISER , AND ESCUTCHEON	MCGUIRE 2" GRID DRAIN STRAINER W/ 1-1/2" OFFSET TAILPIECE, 1-1/2" C.P. SLIP JOINT TUBULAR TRAP WITH CLEANOUT	NONE	2"	1 1/2"	1/2"	1/2"	-	-	-	-	-		
UR-1	URINAL	WALL	YES	AMERICAN STANDARD WASHBROOK FLOWISE MODEL NO. 6590.001	AMERICAN STANDARD SELECTRONIC SENSOR-OPERATED MODEL NO. 6063.013.002 URINAL FLUSH VALVE,EXPOSED, 0.125 GPF, BATTERY POWERED	0.125 GPF	INTEGRAL ANGLE STOP	INTEGRAL	JAY R. SMITH MODEL 0637	2"	2"	-	-	-	-	-	-	-		—	
UR-2	URINAL	WALL	NO	AMERICAN STANDARD WASHBROOK FLOWISE MODEL NO. 6590.001	AMERICAN STANDARD SELECTRONIC SENSOR-OPERATED MODEL NO. 6063.013.002 URINAL FLUSH VALVE,EXPOSED, 0.125 GPF, BATTERY POWERED	0.125 GPF	INTEGRAL ANGLE STOP	INTEGRAL	JAY R. SMITH MODEL 0637	2"	2"	-	-	-	-	-	-	-		—	
WC-1	WATER CLOSET	WALL	YES	AMERICAN STANDARD MODEL 2257.511 AFWAL MILLENIUM FLOWISE TOILET SYSTEM WITH VITREOUS CHINA ELONGATED FLUSHOMETER VALVE TOILET	AMERICAN STANDARD SELECTRONIC SENSOR-OPERATED, MODEL NO. 6066.111.002 TOILET FLUSH VALVE, EXPOSED, 1.28 GPF, PWRX LONG-LIFE BATTERY POWERED	1.28 GPF	INTEGRAL ANGLE STOP	INTEGRAL	JAY R. SMITH 200 SERIES	4"	2"	1 1/4"	-	-	-	-	-	-		PROVIDE WITH AMERICAN STANDARD MODEL 5905.100 WHITE SEAT	
WC-1A	WATER CLOSET	WALL	NO	AMERICAN STANDARD MODEL 2257.511 AFWAL MILLENIUM FLOWISE TOILET SYSTEM WITH VITREOUS CHINA ELONGATED FLUSHOMETER VALVE TOILET	AMERICAN STANDARD SELECTRONIC SENSOR-OPERATED, MODEL NO. 6066.111.002 TOILET FLUSH VALVE, EXPOSED, 1.28 GPF, PWRX LONG-LIFE BATTERY POWERED	1.28 GPF	INTEGRAL ANGLE STOP	INTEGRAL	JAY R. SMITH 200 SERIES	4"	2"	1 1/4"	-	-	-	-	-	-		PROVIDE WITH AMERICAN STANDARD MODEL 5905.100 WHITE SEAT	
WC-2	WATER CLOSET	WALL	YES	AMERICAN STANDARD MODEL 2257.511 AFWAL MILLENIUM FLOWISE TOILET SYSTEM WITH VITREOUS CHINA ELONGATED FLUSHOMETER VALVE TOILET	AMERICAN STANDARD SELECTRONIC SENSOR-OPERATED, MODEL NO. 6066.111.002 TOILET FLUSH VALVE, EXPOSED, 1.28 GPF, PWRX LONG-LIFE BATTERY POWERED	1.28 GPF	INTEGRAL ANGLE STOP	INTEGRAL	JAY R. SMITH 200 SERIES	4"	2"	1 1/4"	-	-	-	-	-	-		PROVIDE WITH AMERICAN STANDARD MODEL 5905.100 WHITE SEAT	
WH-1																					
WM-1	WATER SUPPLY BOX	WALL	N/A	OATEY ICE MAKER MODEL #39156								1/2"								-	
WSB-1	WATER SUPPLY BOX	WALL	N/A	OATEY ICE MAKER MODEL #39156								1/2"								-	

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

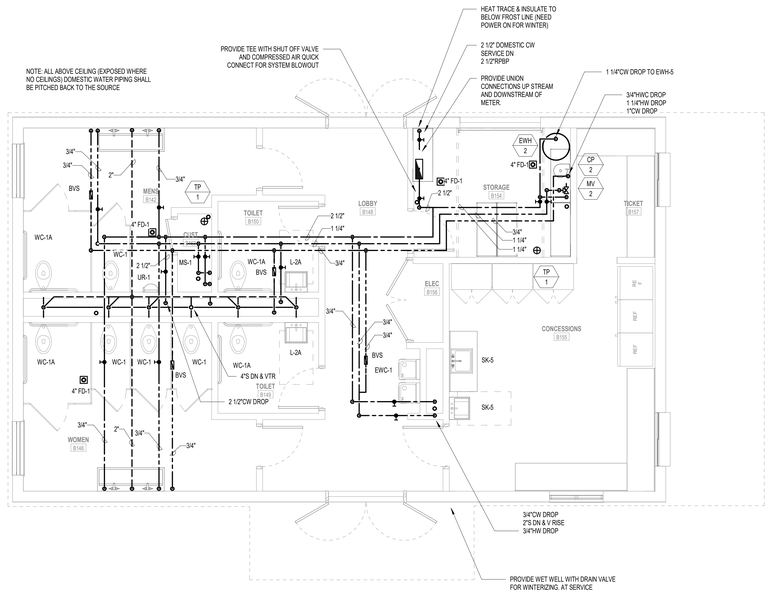
SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	
DRAWN BY:	PCE/JW
REVISIONS:	

DD SET

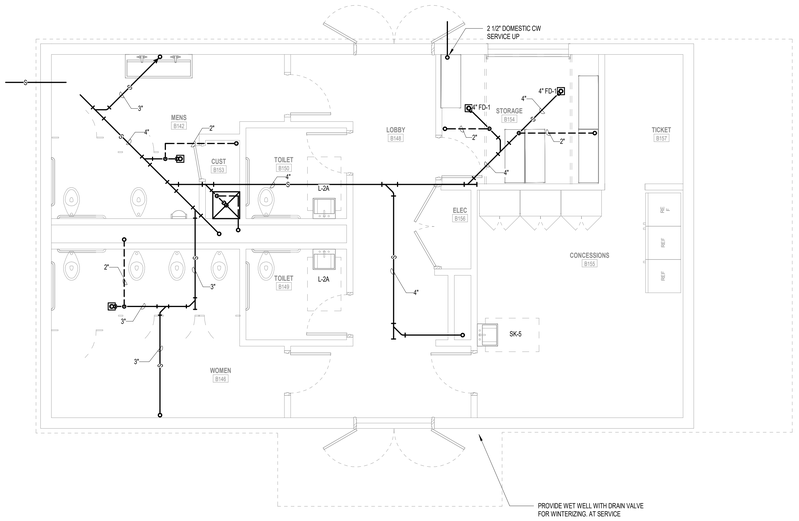
P601



1 1ST FLOOR CONCESSIONS CONSTRUCTION PLAN
SCALE: 1/4" = 1'-0"

WINTER SHUTDOWN PROCEDURE:

1. SHUT OFF WATER SUPPLY AT WATER SERVICE.
2. DE-ENERGIZE WATER HEATER AND CIRCULATOR PUMP.
3. DRAIN DOWN SYSTEM LOW POINTS.
4. SHUT OFF VALVE DOWNSTREAM OF WATER METER.
5. DISCONNECT AND REMOVE WATER METER
6. REMOVE ALL FLUSH VALVES AND LEAVE SUPPLIES OPEN.
7. DISCONNECT FAUCET SUPPLIES FOR LAVATORIES AND SINKS.
8. DRAIN DOWN WATER HEATER.
9. DISCONNECT MIXING VALVE, LEAVE PIPING OPEN.
10. SHUT ALL SECTIONAL SHUTOFF VALVES.
11. BLOW OUT SYSTEM WITH HIGH VELOCITY/CAPACITY COMPRESSED AIR, OPENING UP EACH INDIVIDUAL SECTIONAL AND FIXTURE VALVE STOP UNTIL ALL WATER IS BLOWN OUT IN THAT PARTICULAR BRANCH. REPEAT UNTIL SYSTEM IS COMPLETELY BLOWN OUT. MAKE SURE TRAP PRIMERS ARE BLOWN OUT AS WELL.
12. FILL EACH FIXTURE AND FLOOR DRAIN TRAP WITH FOOD GRADE ANTIFREEZE.
13. FOR REOPENING, RECONNECT ALL, OPEN VALVES AND SANITIZE DOMESTIC WATER SYSTEMS PRIOR TO OPENING BUILDING, FLUSH OUT TRAPS; RE-ENERGIZE WATER HEATER, CIRC PUMP.



2 UNDERSLAB CONCESSIONS CONSTRUCTION PLAN
SCALE: 1/4" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CONCESSIONS BUILDING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/2024
SCALE:	As indicated
DRAWN BY:	PCE
REVISIONS:	

DD SET

P900

ABBREVIATIONS

A	
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AD	ACCESS DOOR
AP	ACCESS PANEL
ACT	ACOUSTICAL CEILING TILE
ADDM	ADDENDUM
ADDL	ADDITIONAL
ADJ	ADJUSTABLE; ADJACENT; ADJOINING
A/C	AIR CONDITIONING
ACCU	AIR COOLED CONDENSING UNIT
AF	AIR FOIL
AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
AV	AIR VENT
ALM	ALARM
ALT	ALTERNATE; ALTITUDE
AC	ALTERNATING CURRENT
ALUM	ALUMINUM
AMB	AMBIENT
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
AMP	AMPERE
ETC	ET CETERA
ARCH	ARCHITECT
A/E	ARCHITECT/ENGINEER
ASB	ASBESTOS
AI	ANALOG INPUT
AI	AIR INTAKE
AO	ANALOG OUTPUT
ACU	AIR CONDITIONING UNIT
ATM	ATMOSPHERE
ATTN	ATTENTION
AAV	AUTOMATIC AIR VENT
ACP	AUTOMATIC CONTROL PANEL
ACD	AUTOMATIC CONTROL DAMPER
ACV	AUTOMATIC CONTROL VALVE
AFC	AUTOMATIC FREQUENCY CONTROLLER
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AVG	AVERAGE
B	
BDD	BACKDRAFT DAMPER
BFP	BACKFLOW PREVENTER
BAL	BALANCE
BV	BALL VALVE
BB	BASEBOARD
BSMT	BASEMENT
BAT	BATTERY
BLW	BELOW
BTW	BETWEEN
BLWDN	BLOWDOWN
BLR	BOILER
BFBP	BOILER FEED BOOSTER PUMP
BFS	BOILER FEED SYSTEM
BFW	BOILER FEEDWATER
BFWP	BOILER FEEDWATER PUMP
BOT	BOTTOM
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
MBTU	BRITISH THERMAL UNIT (THOUSAND)
BTUH	BRITISH THERMAL UNIT PER HOUR
BRZ	BRONZE
BLDG	BUILDING
BAS	BUILDING AUTOMATION SYSTEM
BFV	BUTTERFLY VALVE
C	
CLH	CABINET UNIT HEATER
CO2	CARBON DIOXIDE
CO	CLEANOUT; CARBON MONOXIDE
CLG	CEILING
C	CELSIUS; CENTIGRADE
CTR	CENTER; COOLING TOWER RETURN
CM	CENTIMETER
CHW	CHILLED WATER
CHWPP	CHILLED WATER PRIMARY PUMP
CHWP	CHILLED WATER PUMP
CHWR	CHILLED WATER RETURN
CHWSP	CHILLED WATER SECONDARY PUMP
CHWS	CHILLED WATER SUPPLY
CH	CHILLER
CLASS	CLASSIFICATION
CW	CLOCKWISE
COEFF	COEFFICIENT
COP	COEFFICIENT OF PERFORMANCE (HEATING)
CLR	COLOR; CLEAR; CLEARENCE
COL	COLUMN
COMM	COMMUNICATION
CWP	CONDENSER WATER PUMP
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
CONN	CONNECT
CD	CONSTRUCTION DOCUMENTS
CONT	CONTINUE; CONTINUATION
CTRL	CONTROL
CP	CONTROL PANEL
CV	CONTROL VALVE
CC	COOLING COIL
COORD	COORDINATE
CU	COPPER; CUBIC
CCW	COUNTERCLOCKWISE
CU FT	CUBIC FEET
CFM	CUBIC FEET PER MINUTE
CU IN	CUBIC INCH
M3	CUBIC METER
M3/S	CUBIC METER PER SECOND
CT	CURRENT TRANSMITTER
D	
DB	DRY BULB; DECIBEL
DAT	DISCHARGE AIR TEMPERATURE
D	DEEP; DEPTH; DRAIN
DEG	DEGREE
DEG C	DEGREES CELSIUS
DEG F	DEGREES FAHRENHEIT
DIW	DEIONIZED WATER
DEMO	DEMOLITION; DEMONSTRATION
DET	DETAIL
DP	DEW POINT
DPT	DEW POINT TEMPERATURE; DIFFERENTIAL PRESSURE TRANSMITTER
DIAG	DIAGRAM
DIA	DIAMETER
DPS	DIFFERENTIAL PRESSURE SENSOR
DPI	DIFFERENTIAL PRESSURE INDICATOR
DIFF	DIFFUSER; DIFFERENCE; DIFFERENTIAL
DIM	DIMENSION
DN	DOWN
DC	DIRECT CURRENT
DDC	DIRECT DIGITAL CONTROL
DO	DIGITAL OUTPUT
DISCH	DISCHARGE
DIST	DISTANCE
DIV	DIVISION; DIVIDE
DOC	DOCUMENT
DR/LV	DOOR LOUVER
DWG	DRAWING
DBT	DRY BULB TEMPERATURE
DAP	DUCT ACCESS PANEL
E	
ECC	ECCENTRIC
ECON	ECONOMIZER
ET	EXPANSION TANK
EFF	EFFICIENCY; EFFECTIVE
ELEC	ELECTRIC
EH	ELECTRIC HEATER
EHP	ELECTRIC HEATING PANEL
EP	ELECTRICAL PANEL (PANELBOARD)
ES	END SWITCH
EER	ENERGY EFFICIENCY RATIO
EMS	ENERGY MANAGEMENT SYSTEM
EAT	ENTERING AIR TEMPERATURE
EDBT	ENTERING DRY BULB TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
EWBT	ENTERING WET BULB TEMPERATURE
EQUIP	EQUIPMENT
EVAP	EVAPORATE
ECU	EVAPORATIVE COOLING UNIT
EX	EXAMPLE
EXH	EXHAUST
EA	EXHAUST AIR; EACH
EF	EXHAUST FAN
EXST	EXISTING
ETR	EXISTING TO REMAIN
EXP	EXPANSION; EXPAND; EXPOSED
EXT	EXTERIOR; EXTERNAL
ESP	EXTERNAL STATIC PRESSURE
ERU	ENERGY RECOVERY VENTILATOR
F	
FA	FACE AREA; FIRE ALARM; FRESH AIR
FV	FACE VELOCITY
F	FAHRENHEIT
FCU	FAN COIL UNIT
FPB	FAN POWERED BOX
FF	FINAL FILTER
FDW	FEED WATER
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FRP	FIBER REINFORCED POLYESTER; FIBERGLASS REINFORCED PLASTIC
FIG	FIGURE
FLTR	FILTER
FTR	FINNED TUBE RADIATION
FPI	FINS PER INCH
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FD	FIRE DAMPER; FLOOR DRAIN
FP	FIRE PROTECTION
FLMB	FLAMMABLE
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP; FUEL OIL STORAGE TANK
FLEX	FLEXIBLE
FLR	FLOOR
FM	FLOWMETER; FACTORY MUTUAL
FS	FLOW SWITCH
FT	FOOT; FEET
FTLB	FOOT-POUND
FTLBF	FOOT-POUND FORCE
FSTAT	FREEZESTAT
FO	FUEL OIL
FOP	FUEL OIL PUMP
FOR	FUEL OIL RETURN
FOF	FUEL OIL RETURN LINE
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
FLA	FULL LOAD AMPS
G	
GA	GAGE
GAL	GALLON
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GPS	GALLONS PER SECOND
GALV	GALVANIZED
GEN	GENERAL; GENERATOR
GC	GENERAL CONTRACTOR
GE	GENERAL EXHAUST
GLV	GLOBE VALVE
GRV	GRAVITY ROOF VENTILATOR; GROOVE
GV	GRAVITY VENT; GASOLINE VENT
GND	GROUND
GMP	GUARANTEED MAXIMUM PRICE
GYP	GYPSUM
H	
H2A	HAND-OFF-AUTOMATIC
HD	HAND DAMPER; HEAD
HC	HEATING COIL
H	HIGH; HUMIDITY
HX	HEAT EXCHANGER
HG	HEAT GAIN; MERCURY
HP	HEAT PUMP; HIGH PRESSURE; HORSEPOWER
Q	HEAT TRANSFER; RATE OF FLOW
U	HEAT TRANSFER COEFFICIENT
HTG	HEATING
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
HT	HEIGHT
HZ	HERTZ
HDPE	HIGH DENSITY POLYETHYLENE
HEPA	HIGH EFFICIENCY PARTICULATE AIR (FILTER)
HPR	HIGH PRESSURE RETURN
HPS	HIGH PRESSURE STEAM
HTHW	HIGH TEMPERATURE HOT WATER
HR	HOUR
HB	HOSE BIBB
HW	HOT WATER
HWP	HOT WATER PUMP
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HWT	HOT WATER TANK
HSTAT	HUMIDISTAT
I	
ID	IDENTIFICATION; INSIDE DIAMETER; INSIDE DIMENSION
ID NO	IDENTIFICATION NUMBER
IN WC	INCHES, WATER COLUMN
IAQ	INDOOR AIR QUALITY
INFO	INFORMATION
IR	INFRARED; INSIDE RADIUS
I/O	INPUT/OUTPUT
INSUL	INSULATION
IBC	INTERNATIONAL BUILDING CODE
INV	EL INVERT ELEVATION
K	
KPA	KILPASCAL
KVA	KILOVOLT AMPERE
KW	KILOWATT
KWH	KILOWATT HOUR
L	
LAB	LABORATORY
LFU	LAMINAR FLOW UNIT
LH	LATENT HEAT; LEFT HAND
LAT	LEAVING AIR TEMPERATURE
LDB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
LF	LINEAR FEET (FOOT)
L	LENGTH; LITER
LRA	LOCKED ROTOR AMPS
LVR	LOUVER
LVDR	LOUVER DOOR
LVD	LOUVERED
LP	LOW PRESSURE (MECHANICAL)
LPCR	LOW PRESSURE CONDENSATE RETURN
LPR	LOW PRESSURE RETURN
LPS	LOW PRESSURE STEAM
LTHW	LOW TEMPERATURE HOT WATER
M	
MCB	MAIN CIRCUIT BREAKER
MAU	MAKE UP AIR UNIT
MAV	MANUAL AIR VENT
MVD	MANUAL VOLUME DAMPER
MFR	MANUFACTURER; MASS FLOW RATE
MAX	MAXIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MECH	MECHANICAL
MED	MEDIUM; MEDICAL
MPR	MEDIUM PRESSURE RETURN
MPS	MEDIUM PRESSURE STEAM
MTG	MEETING; MOUNTING
MTL	METAL
M	METER
M/S	METERS PER SECOND
MEZZ	MEZZANINE
MM	MILLIMETER
MV	MILLIVOLT
MIN	MINIMUM; MINUTE
MCA	MINIMUM CIRCUIT AMPS
MISC	MISCELLANEOUS
MA	MIXED AIR
MAT	MIXED AIR TEMPERATURE
MB	MIXING BOX
MBH	1000 BTUH
MCC	MOTOR CONTROL CENTER
MOD	MOTOR OPERATED DAMPER
MOV	MOTOR OPERATED VALVE
MS	MOTOR STARTER
MTD	MOUNTED; MEAN TEMPERATURE DIFFERENCE
MULT	MULTIPLE
N	
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
G	NATURAL GAS
NEG	NEGATIVE
NT WT	NET WEIGHT
NTS	NOT TO SCALE
NC	NOISE CRITERIA; NORMALLY CLOSED
NIC	NOT IN CONTRACT
NR	NOISE REDUCTION
NO	NORMALLY OPEN; NUMBER
NA	NOT APPLICABLE
O	
OCC	OCCUPY
OC	ON CENTER
OED	OPEN ENDED DUCT
OR	OPERATING ROOM
OPP	OPPOSITE
OPT	OPTIONAL
OA	OUTSIDE AIR
OV	OUTLET VELOCITY
OAD	OUTSIDE AIR DAMPER
OD	OUTSIDE DIAMETER; OUTSIDE DIMENSION
OI	OVER
OVFL	OVERFLOW
OVRD	OVERRIDE
OFIC	OWNER FURNISHED/CONTRACTOR INSTALLED
OFIOI	OWNER FURNISHED/OWNER INSTALLED
O	OXYGEN
P	
P	PUMP
PKG	PACKAGE
PTAC	PACKAGED TERMINAL AIR CONDITIONER
PT	PAINT; PIPE THREAD; PNEUMATIC TUBE; PRESSURE TREATED
PARA	PARAGRAPH
PART	PARTIAL
PA	PASCAL
PAT	PATTERN
PH	PENTHOUSE; PHASE; ACID/ALKALINE SCALE
PCT	PERCENT
PLBG	PLUMBING
PLYWD	PLYWOOD
PNEU	PNEUMATIC
PVC	POLYVINYL CHLORIDE (PLASTIC)
POS	POSITION; POSITIVE; PROVIDED BY OTHER SECTION
LB	POUND
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH; GAGE
PWR	POWER
PF	POWER FACTOR; PREFILTER
PCC	PRECOOL COIL
PCHWR	PROCESS CHILLED WATER RETURN
PCHWS	PROCESS CHILLED WATER SUPPLY
PREFAB	PREFABRICATE
PHC	PREHEAT COIL
PRESS	PRESSURE
PD	PRESSURE DROP OR DIFFERENCE
PG	PRESSURE GAGE
PP	PROCESS PUMP
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE; PRESSURE REGULATOR VALVE; PRESSURE RELIEF VALVE
PREV	PREVIOUS
Q	
QA	QUALITY ASSURANCE
QTY	QUANTITY
R	
RAD	RADIATOR; RETURN AIR DUCT; RADIUS; RADIAN
R	RISER; RANGE; RISER; THERMAL RESISTANCE
REC	RECESSED
RECT	RECTANGLE
REF	REFERENCE; REFRIGERATOR
RCP	REFLECTED CEILING PLAN
RHG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID LINE
RS	REFRIGERANT SUCTION LINE
REG	REGISTER; REGULATION
RHC	REHEAT COIL
RHV	REHEAT VALVE
RH	RELATIVE HUMIDITY; RIGHT HAND; ROOF HATCH
RV	RELIEF VALVE; ROOF VENT; ROOF VENTILATOR
RFI	REQUEST FOR INFORMATION
REQD	REQUIRED
RET	RETURN
RA	RETURN AIR
RAT	RETURN AIR TEMPERATURE
RO	REVERSE OSMOSIS
REV	REVISION; REVOLUTIONS
RPM	REVOLUTIONS PER MINUTE
RPS	REVOLUTIONS PER SECOND
RT	RIGHT
RTU	ROOF TOP UNIT
RM	ROOM
RND	ROUND
S	
SF	SAFETY FACTOR; SQUARE FOOT (FEET); SUPPLY FAN
SCHEM	SCHEMATIC
SHWR	SECONDARY HOT WATER RETURN
SHWS	SECONDARY HOT WATER SUPPLY
SECT	SECTION
SH	SENSIBLE HEAT
SHG	SENSIBLE HEAT GAIN
SHR	SENSIBLE HEAT RATIO
SP	SET POINT; STATIC PRESSURE
SC	SHADING COEFFICIENT
SK	SKETCH
SD	SMOKE DETECTOR; SHOP DRAWINGS; STORM DRAIN; SUPPLY DUCT
SP GR	SPECIFIC GRAVITY
SPEC	SPECIFICATION
SQ	SQUARE
SQ IN	SQUARE INCH
M2	SQUARE METER
SST	STAINLESS STEEL
SSP	STAINLESS STEEL PIPE
STD	STANDARD
S/S	START/STOP
SP	STATIC PRESSURE
STM	STEAM
SG	STEAM GENERATOR
STL	STEEL
STRB/HRN	STROBE/HORN
STRUCT	STRUCTURAL
SA	SUPPLY AIR
SAT	SUPPLY AIR TEMPERATURE
SYM	SYMBOL
SYMM	SYMMETRICAL
SYS	SYSTEM
T	
TEMP	TEMPERATURE; TEMPORARY
TCP	TEMPERATURE CONTROL PANEL
TCV	TEMPERATURE CONTROL VALVE
TD	TEMPERATURE DIFFERENCE; TRENCH DRAIN
TSTAT	THERMOSTAT
THRU	THROUGH
TOD	TOP OF DUCT
TOP	TOP OF PIPE
TDH	TOTAL DYNAMIC HEAD
TSP	TOTAL STATIC PRESSURE
TG	TRANSFER GRILLE
TYP	TYPICAL
U	
UV	ULTRAVIOLET
UPS	UNINTERRUPTIBLE POWER SUPPLY
UH	UNIT HEATER
DBA	UNIT OF SOUND LEVEL
V	
VB	VACUUM BREAKER; VALVE BOX
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VEL	VELOCITY
VP	VELOCITY PRESSURE; VACUUM PUMP; VAPOR PRESSURE
VTR	VENT THROUGH ROOF
VENT	VENTILATION; VENTILATOR
VIF	VERIFY IN FIELD
V	VOLT
VA	VOLT AMPERE
VOLT	VOLTAGE
VOL	VOLUME
VD	VOLUME DAMPER
W	
WC	WATER COLUMN
WG	WATER GAGE
WPD	WATER PRESSURE DROP
W	WATT; WIDE
WT	WEIGHT
WB	WET BULB
WMS	WIRE MESH SCREEN
W/	WITH
W/O	WITHOUT

PIPING SYSTEM ABBREVIATIONS

BBD	BOILER BLOWDOWN
BFW	BOILER FEED
CHWS	CHILLED WATER SUPPLY
CHWR	CHILLED WATER RETURN
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
D	DRAIN
DTR	DUAL TEMPERATURE RETURN (TWO PIPE HEATING/COOLING SUPPLY)
DTS	DUAL TEMPERATURE SUPPLY (TWO PIPE HEATING/COOLING RETURN)
FOF	FUEL OIL FILL
FOO	FUEL OIL OVERFLOW
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
HPWR	HEAT PUMP WATER RETURN
HPWS	HEAT PUMP WATER SUPPLY
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HPR	HIGH PRESSURE RETURN (CONDENSATE)
HPS	HIGH PRESSURE STEAM
LPR	LOW PRESSURE RETURN (CONDENSATE)
LPS	LOW PRESSURE STEAM
MPR	MEDIUM PRESSURE RETURN (CONDENSATE)
MPS	MEDIUM PRESSURE STEAM
MU	MAKE-UP WATER
PC	PUMPED CONDENSATE
PCHWR	PRIMARY CHILLED WATER RETURN
PCHWS	PRIMARY CHILLED WATER SUPPLY
RL	REFRIGERANT LIQUID LINE
RS	REFRIGERANT SUCTION LINE
SCHWR	SECONDARY CHILLED WATER RETURN
SCHWS	SECONDARY CHILLED WATER SUPPLY
SHWR	SECONDARY HOT WATER RETURN
SHWS	SECONDARY HOT WATER SUPPLY
V	VENT

PIPING DEVICE SYMBOLS

SCHEMATIC | TOP VIEW | SIDE VIEW

- GATE VALVE
- BALL VALVE
- BALL VALVE W/ HOSE BIBB W/ CAP AND CHAIN
- BUTTERFLY VALVE
- GLOBE VALVE
- CHECK VALVE
- AUTOMATIC CONTROL VALVE, TWO POSITION ACTUATOR, SIZE 1" AND SMALLER
- AUTOMATIC CONTROL VALVE, TWO POSITION ACTUATOR, SIZE 1-1/4" TO 6"
- AUTOMATIC CONTROL VALVE, TWO POSITION ACTUATOR, SIZE 8" AND LARGER
- AUTOMATIC CONTROL VALVE, MODULATING ACTUATOR, SIZE 1" AND SMALLER
- AUTOMATIC CONTROL VALVE, MODULATING ACTUATOR, SIZE 1-1/4" TO 6"
- AUTOMATIC CONTROL VALVE, MODULATING ACTUATOR, SIZE 8" AND LARGER
- THREE WAY AUTOMATIC CONTROL VALVE, TWO POSITION ACTUATOR
- THREE WAY AUTOMATIC CONTROL VALVE, TWO POSITION ACTUATOR
- COMBINATION BALANCE/SHUT-OFF VALVE
- FLOW CONTROL BALANCING VALVE (PRESSURE INDEPENDENT)
- FLOW CONTROL BALANCING VALVE (PRESSURE DEPENDENT)
- SOLENOID VALVE
- STRAINER ASSEMBLY
- Y-TYPE STRAINER WITH GATE VALVE DRAIN & HOSE END CAP

PIPING SYMBOLS

DOUBLE LINE | SINGLE LINE

- DOWN THRU FLR
- UP THRU FLR ABV
- DROP
- DROP & RUN
- DROP & TURN
- OFFSET
- BRANCH RISE
- BLIND FLANGE
- CAP
- BRANCH DROP
- 90° ELBOW
- 45° ELBOW
- TEE
- BREAK
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- FLANGED CONNECTION
- FLEXIBLE CONNECTOR
- CLEAN OUT FOR CONDENSATE DRAIN
- DIRECTION OF FLOW
- PITCH PIPING UP IN DIRECTION OF FLOW
- PITCH PIPING DOWN IN DIRECTION OF FLOW
- SUPPLY PIPING
- RETURN PIPING
- EXISTING PIPING

SCHEMATIC

- DUPLEX STRAINER
- FUSIBLE LINK VALVE
- LOCK SHIELD VALVE
- PLUG VALVE
- PRESSURE REDUCING VALVE
- RELIEF VALVE OR SAFETY VALVE
- NEEDLE VALVE
- PRESSURE GAGE ASSEMBLY
- UNION
- THERMOMETER
- THERMOMETER WELL
- PRESSURE TEMPERATURE TAP W/ CAP
- ORIFICE
- AUTOMATIC AIR VENT
- MANUAL AIR VENT
- FLOW MEASURING STATION
- METER
- EXPANSION JOINT
- VACUUM BREAKER
- TRAP ASSEMBLY
- F&T — FLOAT & THERMOSTATIC STEAM TRAP ASSEMBLY
- IB — INVERTED BUCKET STEAM TRAP ASSEMBLY
- T — THERMOSTATIC STEAM TRAP ASSEMBLY
- TD — THERMODYNAMIC STEAM TRAP ASSEMBLY
- PIPE GUIDE
- PIPE ANCHOR
- EXPANSION LOOP
- FUNNEL DRAIN

DUCTWORK SYMBOLS

DOUBLE LINE | SINGLE LINE

- 24x12 — RECTANGULAR DUCT DIMENSIONS (I.D. IN INCHES) FIRST DIMENSION IS PLAN VIEWED (WIDTH), SECOND DIMENSION IS HEIGHT
- 12Ø — ROUND DUCT DIMENSION (IN INCHES)
- SUPPLY DUCT ROOF PENETRATION
- SUPPLY DUCT UP
- SUPPLY DUCT DOWN
- SUPPLY ROUND DUCT ROOF PENETRATION
- SUPPLY ROUND DUCT UP
- SUPPLY ROUND DUCT DOWN, OR AWAY FROM VIEWER
- RETURN DUCT ROOF PENETRATION
- RETURN DUCT UP
- RETURN DUCT DOWN
- RETURN ROUND DUCT ROOF PENETRATION
- RETURN ROUND DUCT UP
- RETURN ROUND DUCT DOWN, OR AWAY FROM VIEWER
- EXHAUST DUCT ROOF PENETRATION
- EXHAUST DUCT UP
- EXHAUST DUCT DOWN
- EXHAUST ROUND DUCT ROOF PENETRATION
- EXHAUST ROUND DUCT UP
- EXHAUST ROUND DUCT DOWN, OR AWAY FROM VIEWER
- LINED DUCT - DIMENSION GIVEN IS INSIDE CLEAR
- DUCT DROP IN DIRECTION OF AIR FLOW
- DUCT RISE IN DIRECTION OF AIR FLOW
- FLEXIBLE DUCT CONNECTION
- RECTANGULAR ELBOW
- GOOSENECK HOOD
- DUCT TRANSITION (CONCENTRIC)
- DUCT TRANSITION (ECCENTRIC)
- BRANCH DUCT (NO SPLITTER W/ 45° FLARE)
- ACCESS DOOR INTO DUCT (PLAN & ELEV. SHOWN)
- FIRE/SMOKE DAMPER OR FIRE DAMPER W/ ACCESS DOOR
- FLEXIBLE DUCT
- DUCT CAP

EQUIPMENT SYMBOLS

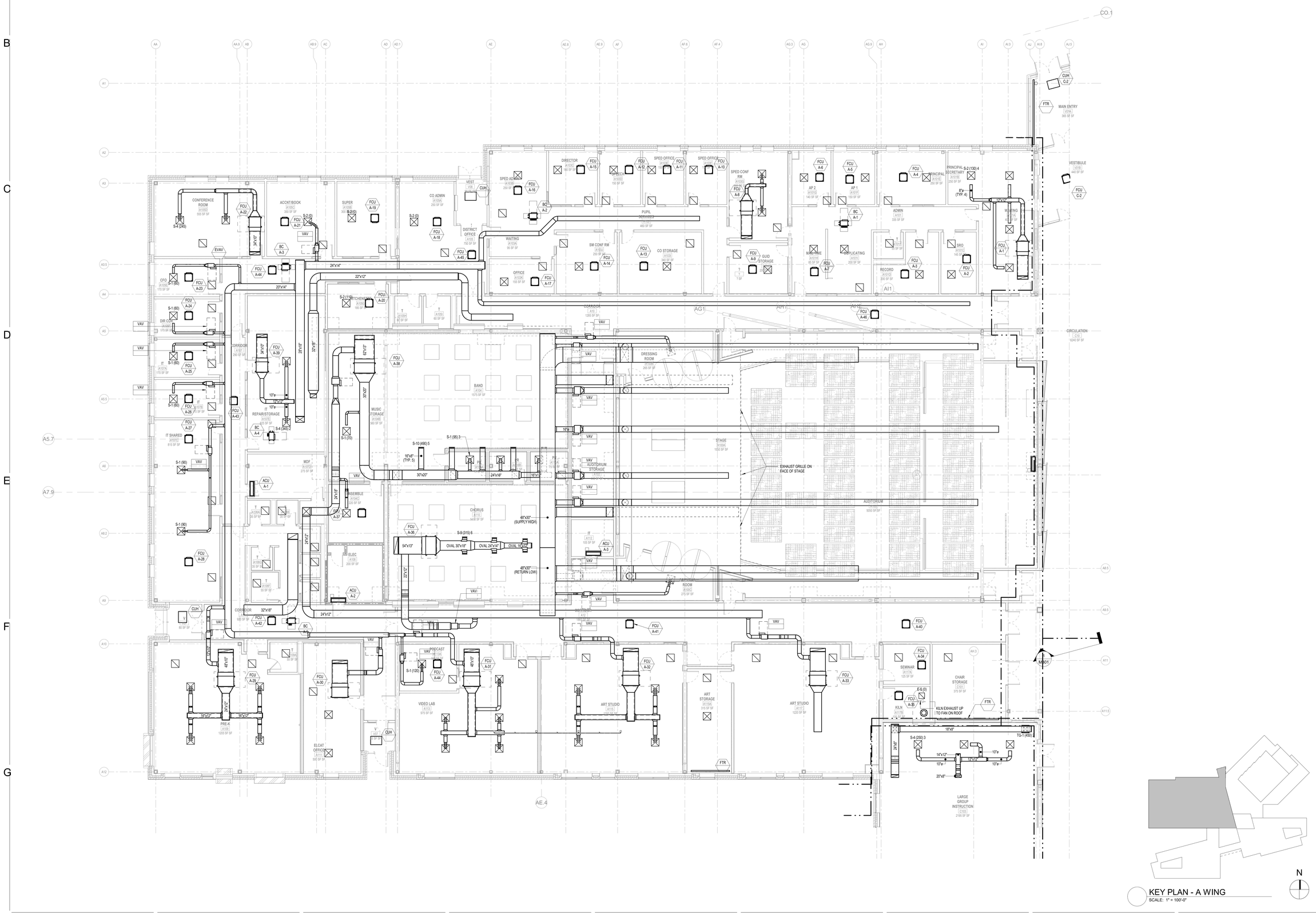
- SHELL AND TUBE HEAT EXCHANGER
- PLATE AND FRAME HEAT EXCHANGER
- EXPANSION TANK
- AIR SEPARATOR
- BLOW DOWN SEPARATOR
- FLASH TANK
- SHOT FEEDER
- BUFFER TANK
- BOILER
- CONDENSATE RECEIVER AND PUMP
- UNIT HEATER
- CONDENSER / EVAPORATOR — WATER COOLED CHILLER
- AIR COOLED CHILLER
- WATER SIDE ECONOMIZER — AIR COOLED CHILLER WITH WATER SIDE ECONOMIZER
- COOLING TOWER
- FINNED TUBE RADIATION
- SOUND ATTENUATOR
- HEATING COIL
- PREHEAT COIL
- REHEAT COIL
- COOLING COIL
- FILTER
- HUMIDIFIER
- PUMP
- FAN
- PROPELLER FAN
- UPBLAST FAN
- DOWNBLAST FAN
- SUPPLY DIFFUSER
- RETURN GRILLE OR REGISTER
- EXHAUST GRILLE OR REGISTER
- VFD — VARIABLE FREQUENCY DRIVE
- MOTOR STARTER — MOTOR STARTER
- FH — FUME HOOD
- AIR VALVE
- PNEUMATIC AIR VALVE
- AIR TERMINAL BOX
- AIR TERMINAL BOX WITH REHEAT COIL
- AIR TERMINAL BOX WITH SOUND ATTENUATOR
- AIR TERMINAL BOX WITH SOUND ATTENUATOR AND REHEAT COIL
- PARALLEL FAN POWERED BOX (PRIMARY AIR, RETURN AIR, SUPPLY AIR)
- SERIES FAN POWERED BOX (PRIMARY AIR, RETURN AIR, SUPPLY AIR)

GENERAL DRAWING NOTES

1. GENERAL DRAWING NOTES, SYMBOLS LIST AND DETAILS ARE APPLICABLE TO ALL "M" SERIES DRAWINGS.
2. DRAWINGS ARE DIAGRAMMATIC, THEREFORE DETERMINE EXACT LOCATIONS OF SYSTEMS AND COMPONENTS IN FIELD.
3. COORDINATE WORK OF THIS SECTION WITH WORK IN ALL OTHER SECTIONS.
4. ANY DEMOLITION IS TO BE COORDINATED WITH OWNER, ARCHITECT, GENERAL CONTRACTOR AND ENGINEER PRIOR TO START OF DEMOLITION.
5. OFFSETS IN PIPING AND DUCTWORK (INCLUDING DIVIDED DUCTS) AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
6. SHEETMETAL FITTINGS SHOWN ARE TO BE PROVIDED. NO SUBSTITUTES SHALL BE ALLOWED WITHOUT PRIOR CONSENT FROM ARCHITECT/ENGINEER.
7. COORDINATE ROOF PENETRATIONS WITH WORK OF OTHER SECTIONS AND WITH FLASHING REQUIREMENTS.
8. INSTALL THERMOSTATS AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY ARCHITECT. MOUNTING HEIGHT AFF SHALL COMPLY WITH ADA REQUIREMENTS.
9. INSTALL DUCTWORK AND PIPING CONCEALED UNLESS SPECIFIED OTHERWISE. ALL DUCTWORK SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO WALLS AND UNDERSIDE OF STRUCTURE.
10. EXTERIOR LOUVERS ARE INDICATED FOR INFORMATION ONLY. DETAILED DESCRIPTIONS ARE PROVIDED IN ARCHITECTURAL SPECIFICATIONS.
11. ALL AIR TERMINAL DEVICES (BOXES, DAMPERS, ETC) AND SOUND ATTENUATORS ARE TO HAVE SAME MATERIAL CONSTRUCTION, PRESSURE CLASS, SEAL AND LEAKAGE CLASS AS ASSOCIATED DUCTWORK.
12. REFER TO SPECIFICATIONS FOR DUCTWORK CONSTRUCTION CLASSES, SEAL, AND LEAKAGE CLASSES.
13. VERIFY ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. VERIFY AND PROVIDE DUCT TRANSITIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE ALL DIMENSIONS PRIOR TO FABRICATION.
14. ALL EQUIPMENT AND DEVICES SHALL BE INSTALLED PER THE MANUFACTURERS INSTALLATION REQUIREMENTS AND EQUIPMENT DETAILS. DISCREPANCIES BETWEEN THE MANUFACTURERS INSTALLATION REQUIREMENTS AND EQUIPMENT DETAILS SHALL BE RESOLVED WITH THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION. PROVIDE REQUIRED STRAIGHT LENGTH OF DUCT AND/OR PIPE RUN UPSTREAM AND DOWNSTREAM OF INLINE DEVICES AND/OR EQUIPMENT AS INDICATED IN MANUFACTURERS INSTALLATION REQUIREMENTS.
15. ACCESS PANELS SHALL BE PROVIDED TO CLEAN COILS AND SERVICE DAMPERS, HEATERS, VALVES AND ALL CONCEALED MECHANICAL EQUIPMENT.
16. ALL CONDENSATE DRAIN LINES SHALL BE PIPED FULL SIZE OF THE UNIT DRAIN OUTLET, WITH "P" TRAP, CONNECTED TO PLUMBING AS INDICATED ON DRAWINGS. PROVIDE CLEAN-OUTS AT EACH PIPING OFFSET.
17. CONCRETE HOUSEKEEPING PADS AND STEEL PLATFORMS FOR MECHANICAL EQUIPMENT SHALL BE SIZED AND LOCATED BY THE MECHANICAL CONTRACTOR. CONCRETE HOUSEKEEPING PADS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. IT SHALL BE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE SIZE AND LOCATION OF PADS WITH GENERAL CONTRACTOR. HOUSEKEEPING PADS SHALL BE PAINTED (COLOR TO BE COORDINATED WITH ARCHITECT).
18. SUPPORT ALL EQUIPMENT, PIPING AND DUCTWORK FROM BUILDING STRUCTURE TO PROVIDE A VIBRATION FREE INSTALLATION. PROVIDE TO GENERAL CONTRACTOR A LIST OF ALL WEIGHTS AND METHODS OF SUPPORT FOR COORDINATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
19. THE MECHANICAL DRAWINGS CANNOT BE FULLY AND CORRECTLY INTERPRETED WITHOUT REFERENCE TO SYMBOLS, SCHEDULES, ABBREVIATIONS AND SPECIFICATIONS. IT IS THE INTENT OF THE DRAWINGS TO SHOW THE INSTALLATION, AS DETAILED BY THE TYPICAL ARRANGEMENTS. ITEMS SHOWN ONCE ON FLOOR PLANS, ELEVATIONS, DETAILS OR DIAGRAMS MAY NOT BE REPEATED IN FULL FOR OTHER TYPICAL INSTANCES. THE MECHANICAL DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO INDICATE CAPACITY, SIZE, APPROXIMATE LOCATION AND GENERAL ARRANGEMENT, NOT THE SPECIFIC DETAILS OF CONSTRUCTION.

MISC. SYMBOLS AND DEVICES

- BDD — BACKDRAFT DAMPER
- FD — FIRE DAMPER W/ ACCESS DOOR
- FD/SD — COMBINATION SMOKE AND FIRE DAMPER W/ ACCESS DOOR
- SD — SMOKE DAMPER W/ ACCESS DOOR
- VOLUME DAMPER
- BD — BAROMETRIC DAMPER
- M — MOTORIZED DAMPER
- OBD — OPPOSED BLADE DAMPER
- PBD — PARALLEL BLADE DAMPER
- DUCTORK, PIPING AND/OR EQUIPMENT TO BE DEMOLISHED
- CONNECT TO EXISTING
- (THIS SIDE TO BE DEMOLISHED)
- LIMIT OF DEMOLITION
- (THIS SIDE TO REMAIN)
- SD — SMOKE DETECTOR
- T — THERMOSTAT
- TS — TEMPERATURE SENSOR
- H — HUMIDISTAT
- P — PRESSURE SENSOR
- CO2 — CARBON MONOXIDE SENSOR
- CO2 — CARBON DIOXIDE SENSOR
- OS — OCCUPANCY SENSOR
- # — KEYED NOTE
- AIR FLOW (SUPPLY)
- AIR FLOW (RETURN OR EXHAUST)
- U — DOOR UNDERCUT
- L — DOOR LOUVER
- REVISION NUMBER
- FLAT OVAL DUCTWORK
- 1 / M-301 — SECTION DESIGNATION / DRAWING NUMBER
- SA / 1 — AIR RISER DESIGNATION - SA SUPPLY AIR - RA RETURN AIR - EA EXHAUST AIR - OA OUTSIDE AIR
- C



KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

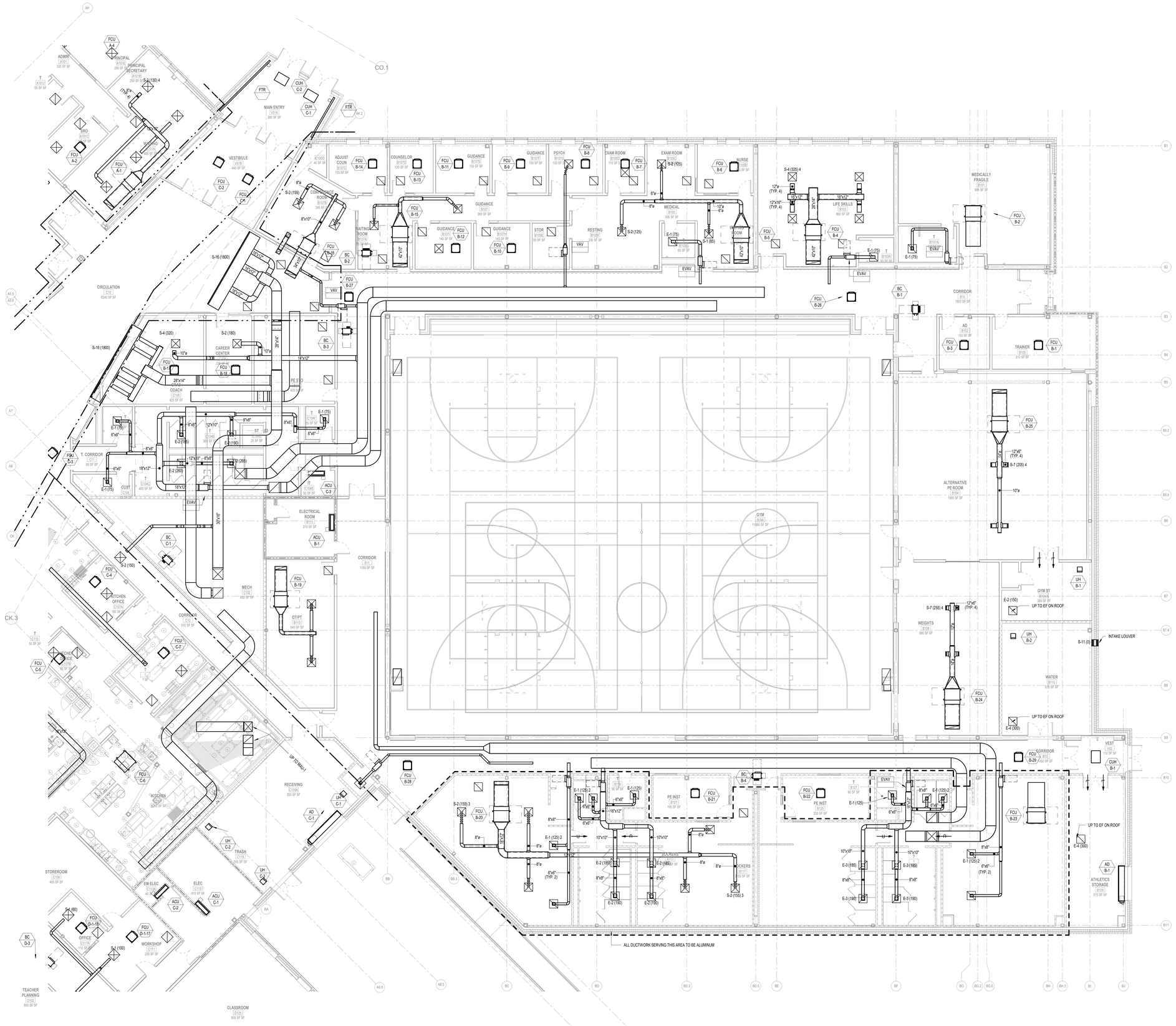
LEVEL 1 CONSTRUCTION PLAN - A WING

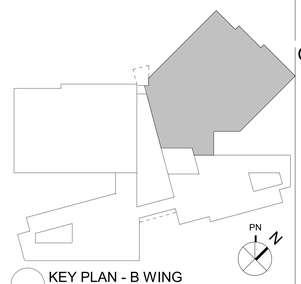
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JAS
REVISIONS:	

DD SET

M101.1





JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 CONSTRUCTION PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

M101.2



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

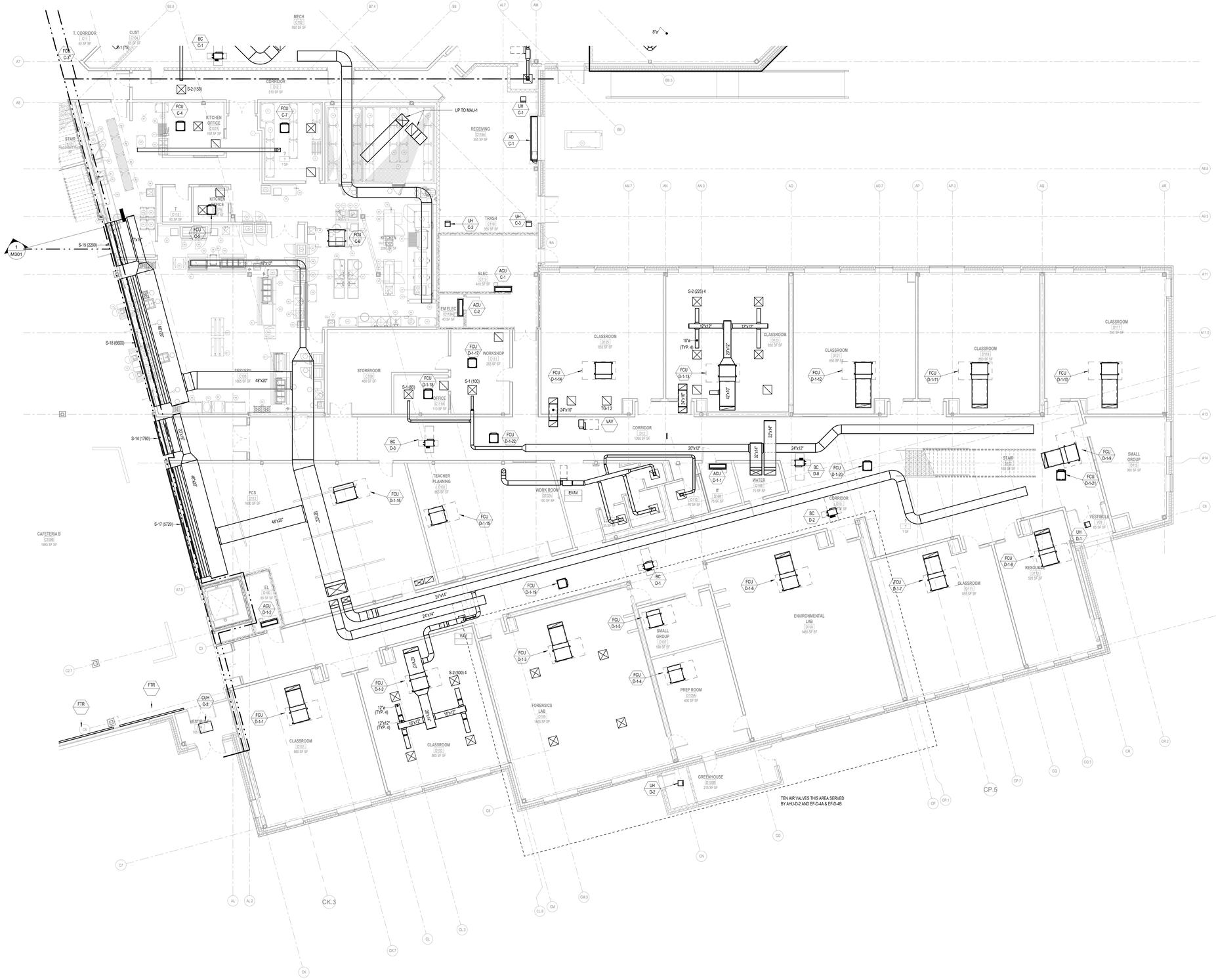
LEVEL 1 CONSTRUCTION PLAN - C SPINE

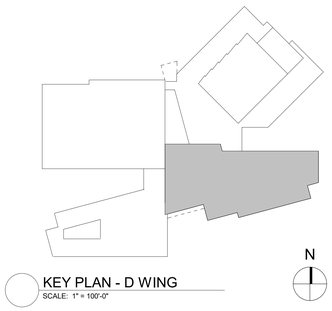
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

M101.3





KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS

308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com

SMMA

CONSULTANTS:

LEVEL 1 CONSTRUCTION PLAN - D WING

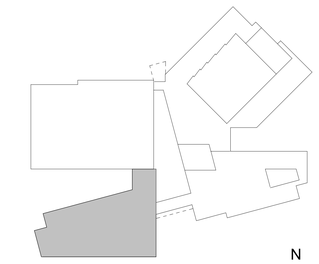
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JAS
REVISIONS:	

DD SET

M101.4





KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

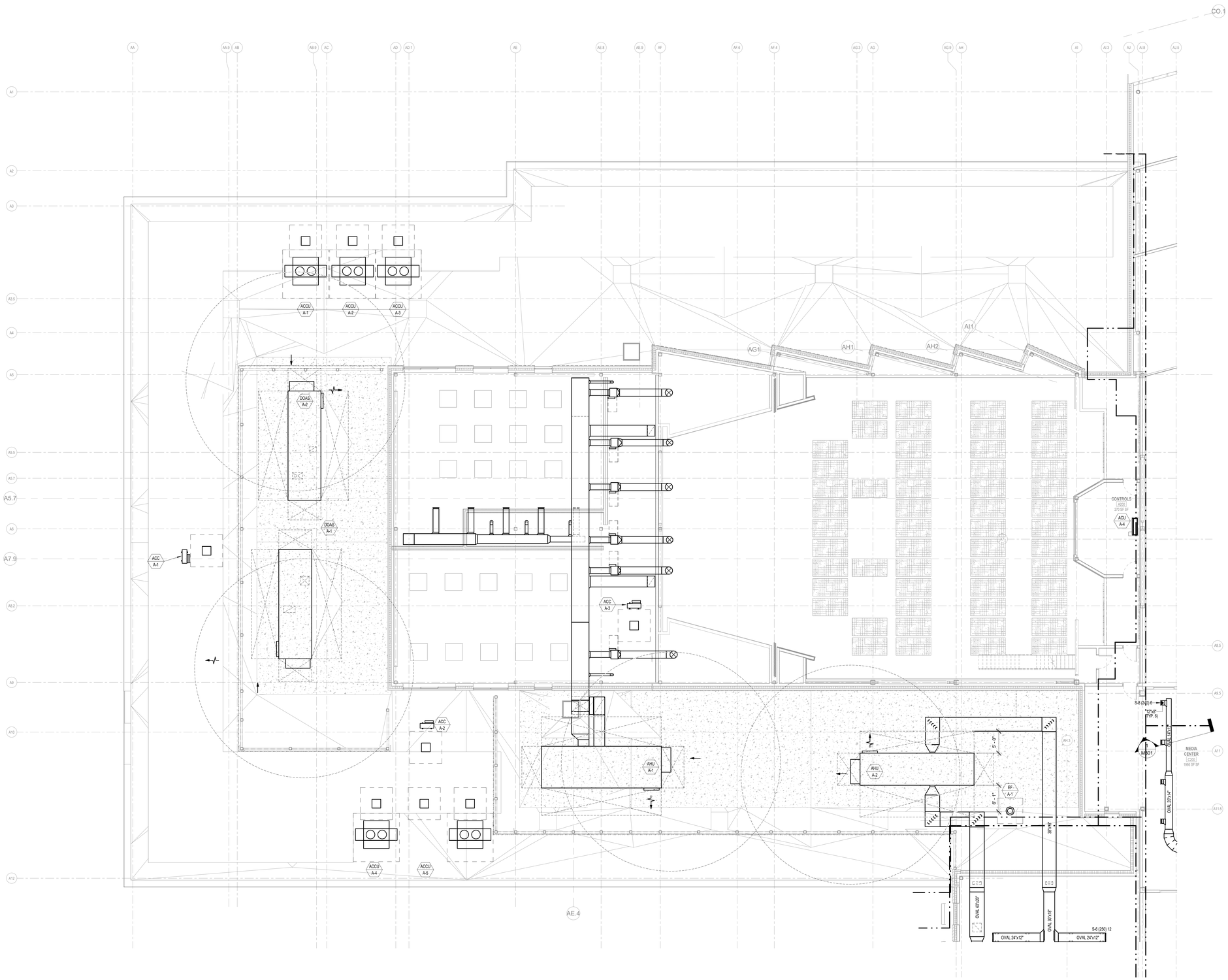
LEVEL 1 CONSTRUCTION PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JAS
REVISIONS:	

DD SET

M101.5



KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

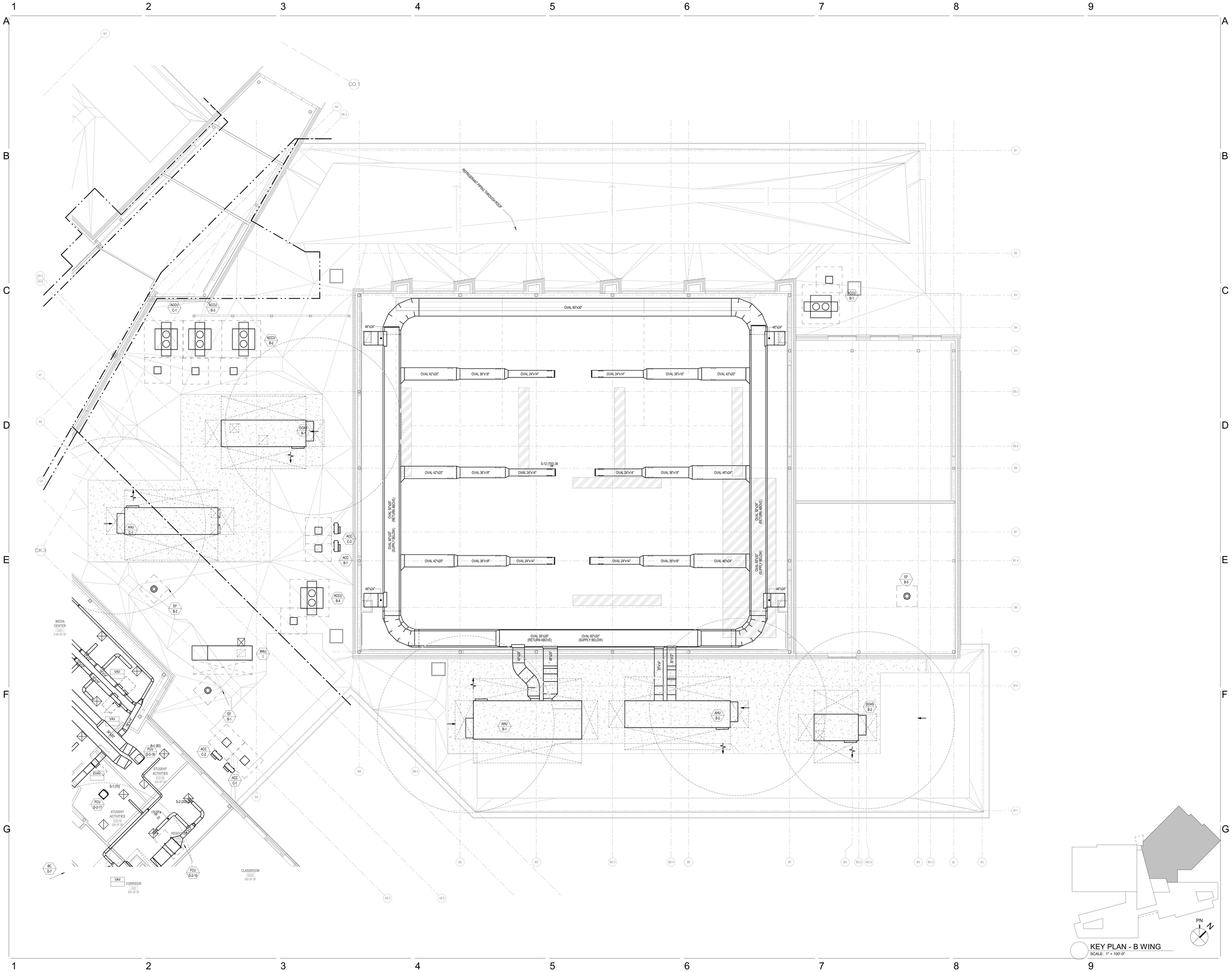
LEVEL 2 CONSTRUCTION PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JAS
REVISIONS:	

DD SET

M102.1



KEY PLAN - B WING
SCALE: 1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

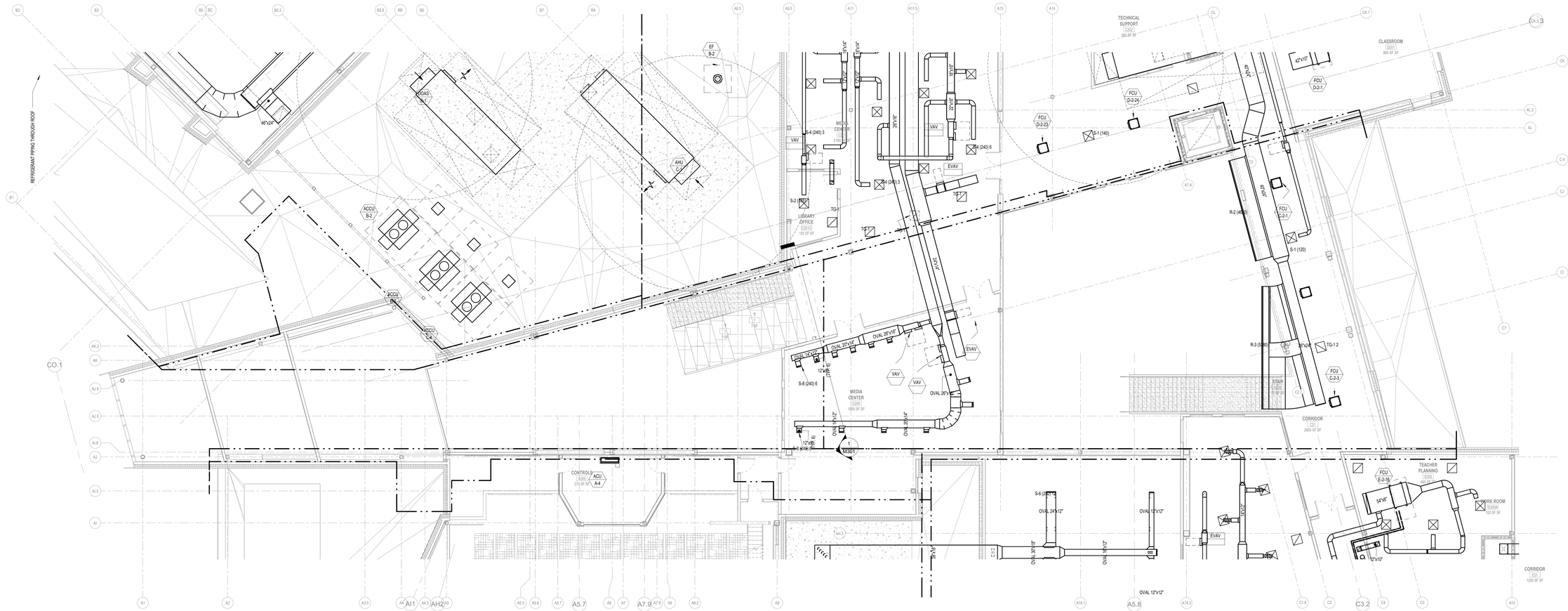
LEVEL 2 CONSTRUCTION PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

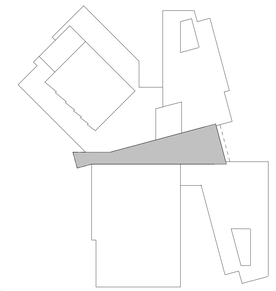
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

M102.2



1 LEVEL 2 - C NORTH
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 CONSTRUCTION PLAN - C SPINE

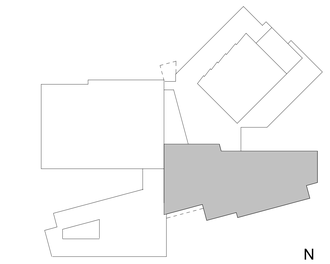
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

M102.3





KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

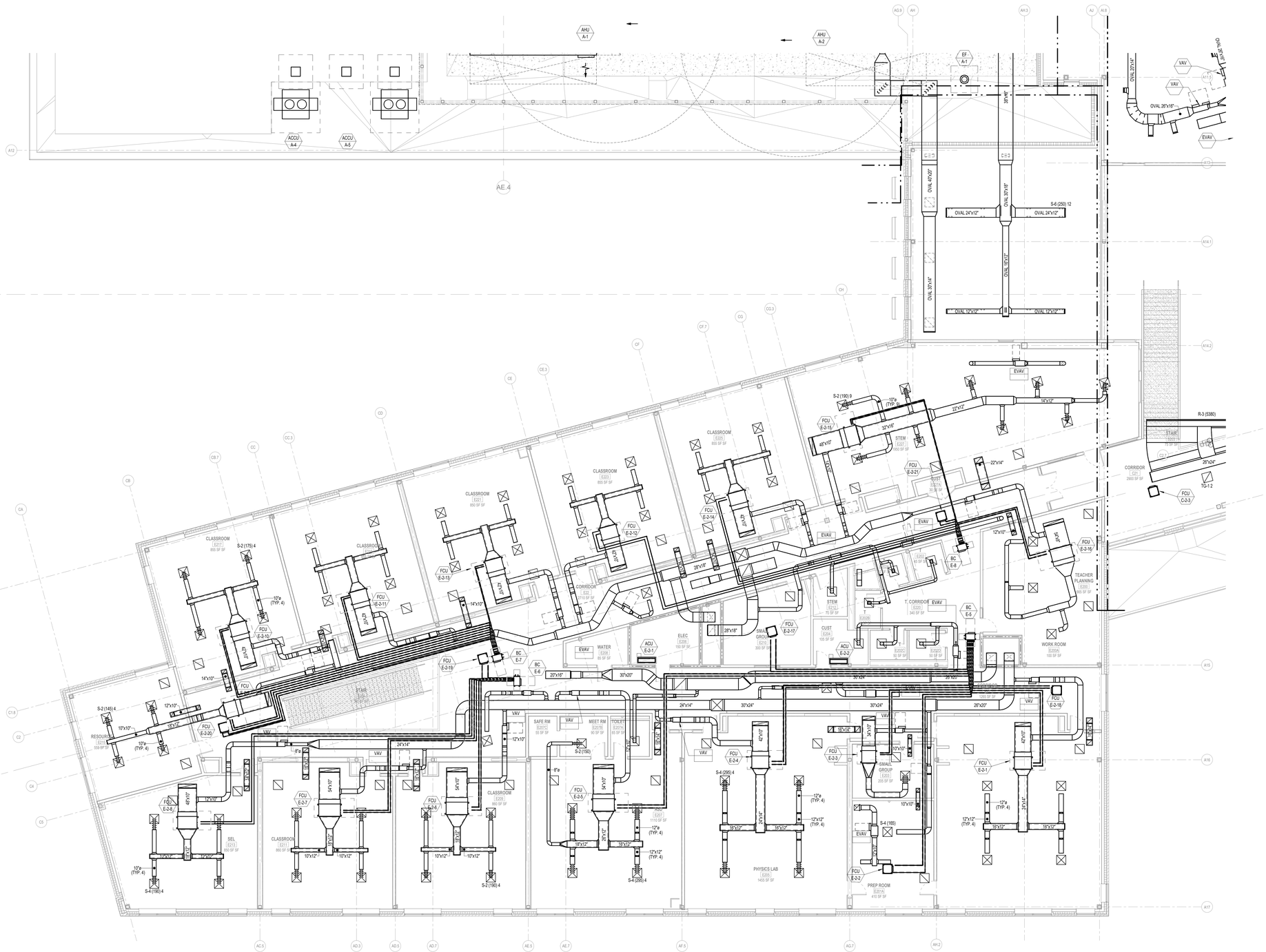
LEVEL 2 CONSTRUCTION PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JAS
REVISIONS:	

DD SET

M102.4



KEY PLAN - E WING
SCALE: 1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

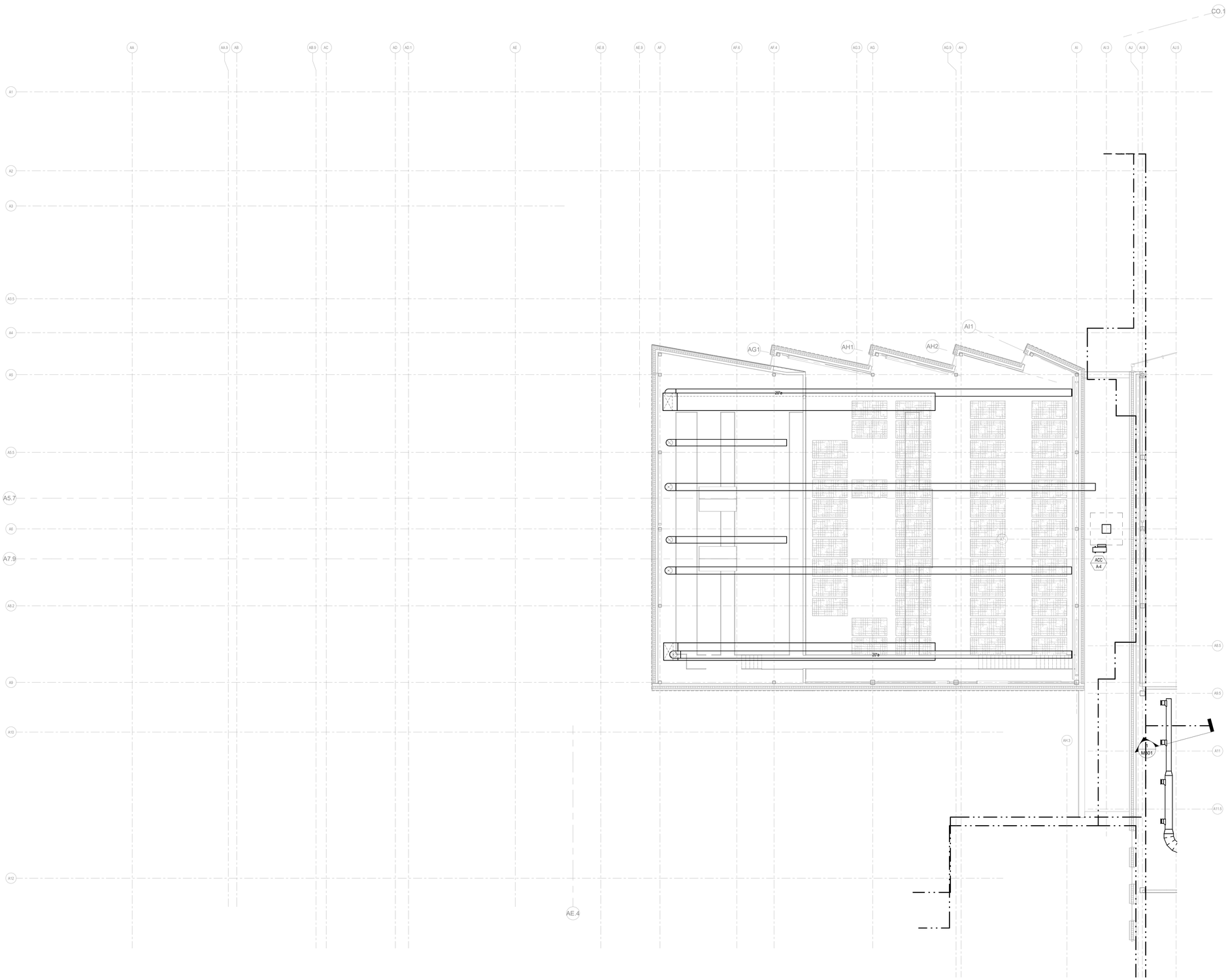
LEVEL 2 CONSTRUCTION PLAN - E WING

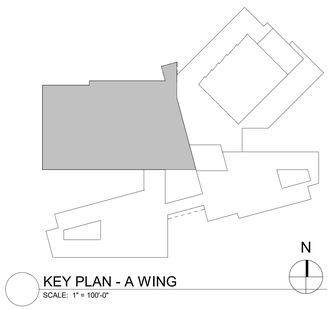
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JAS
REVISIONS:	

DD SET

M102.5





KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

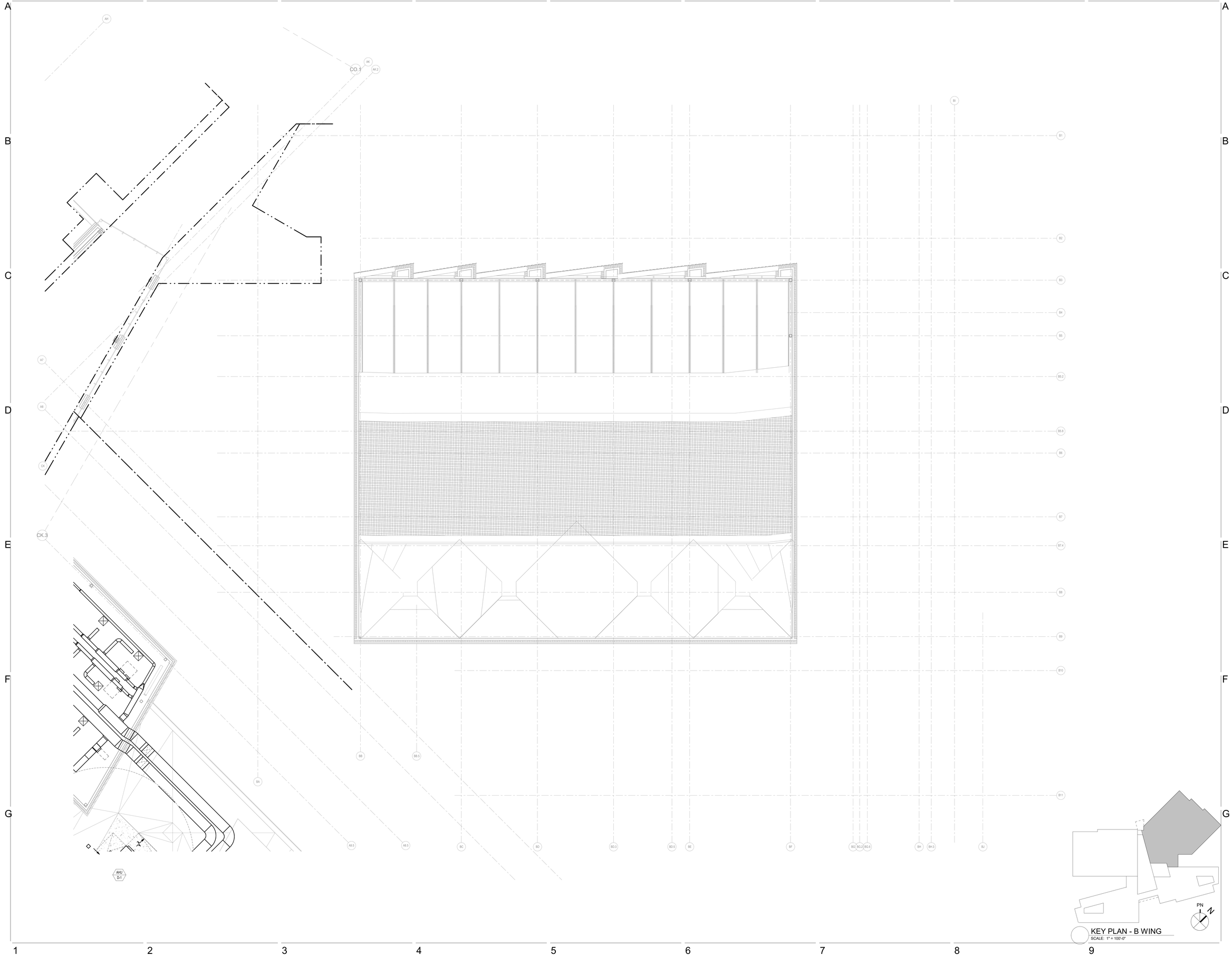
ROOF CONSTRUCTION PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JAS
REVISIONS:	

DD SET

M160.1



JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

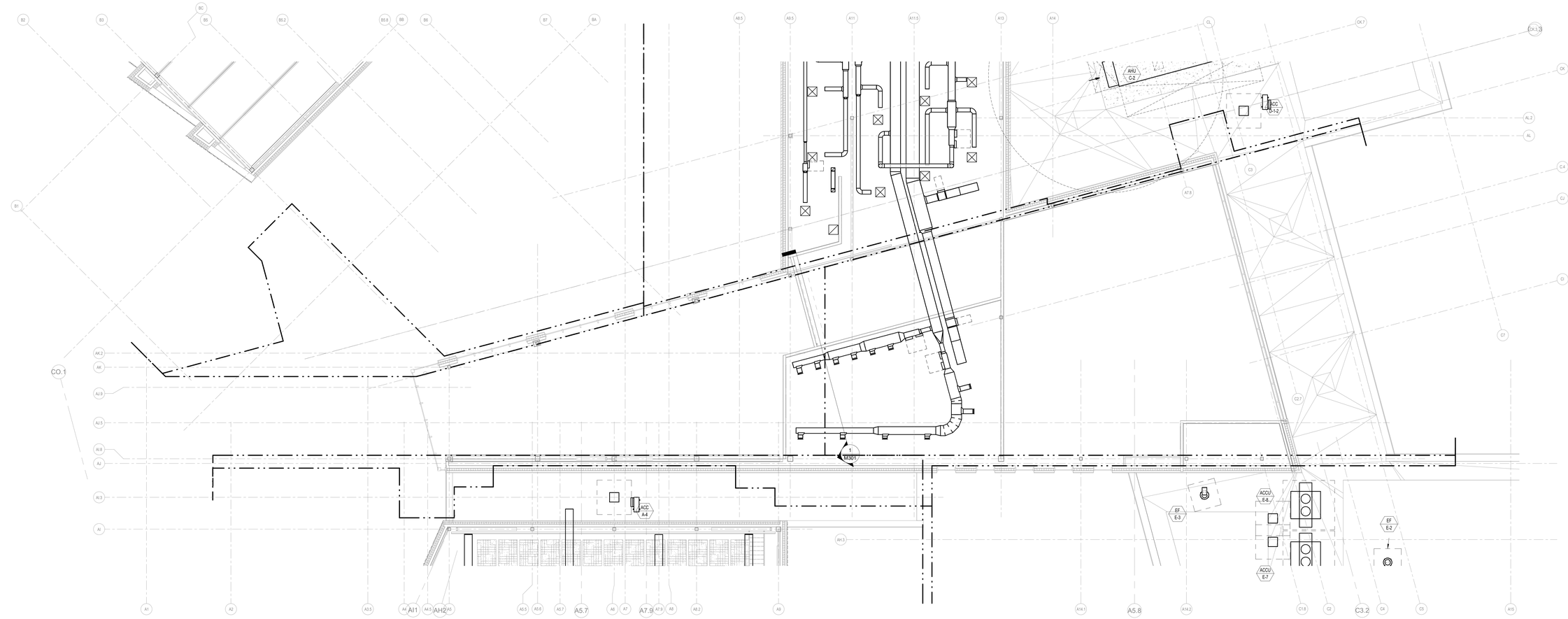
ROOF CONSTRUCTION PLAN - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

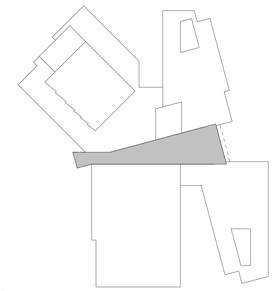
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

M160.2



1 ROOF - C NORTH
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

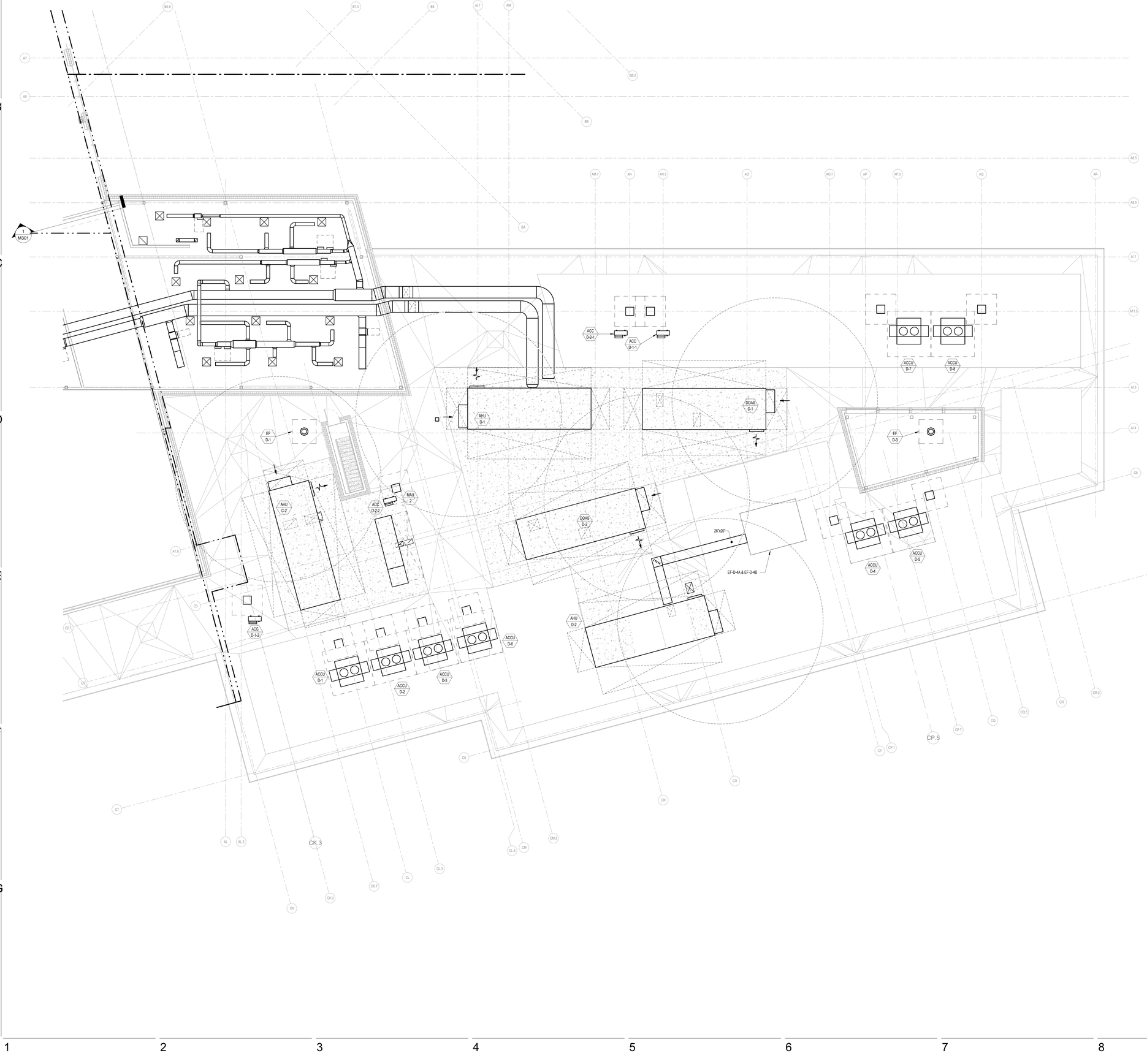
ROOF CONSTRUCTION PLAN - C SPINE

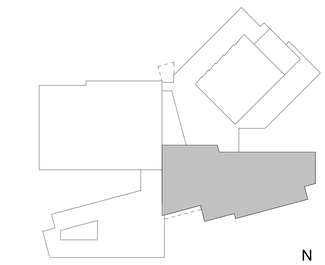
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

M160.3





KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ROOF CONSTRUCTION PLAN - D WING

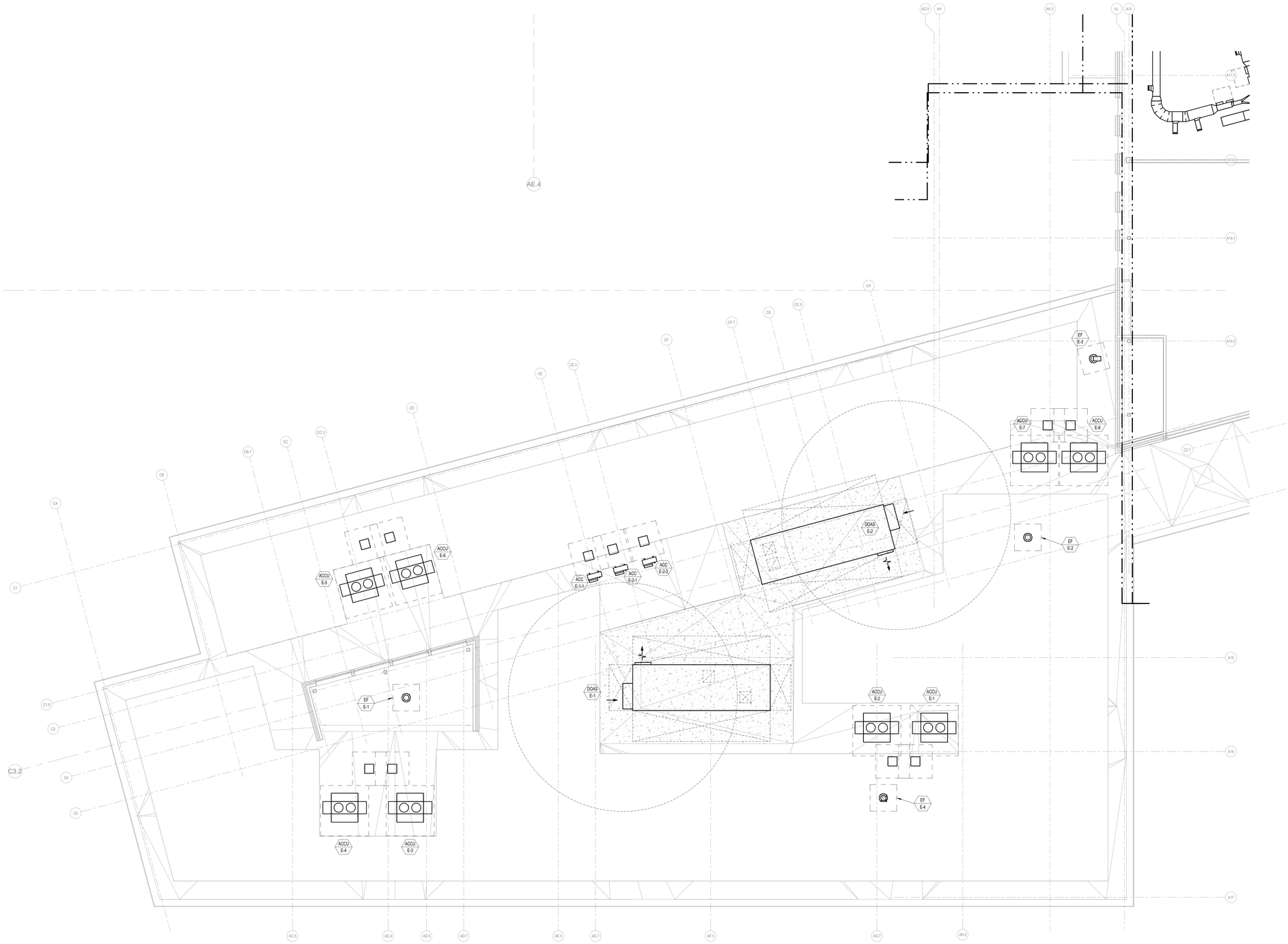
EAST LONGMEADOW HIGH SCHOOL

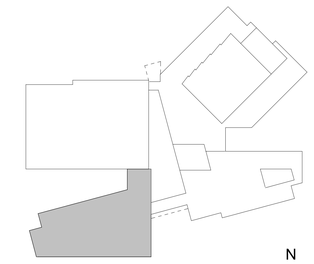
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JAS
REVISIONS:	

DD SET

M160.4





KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

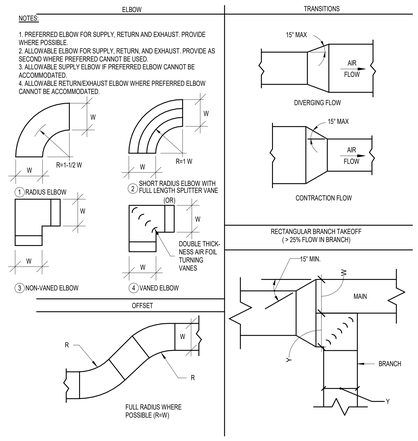
ROOF CONSTRUCTION PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

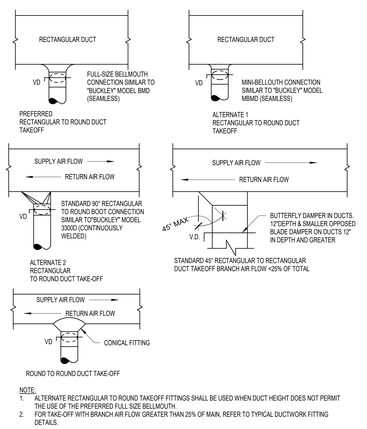
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JAS
REVISIONS:	

DD SET

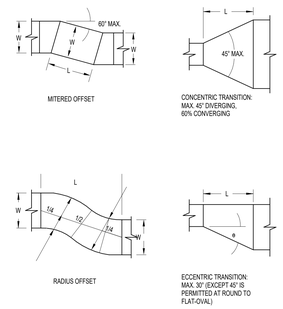
M160.5



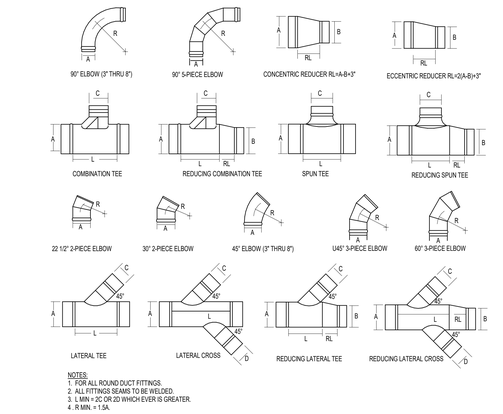
C1 DUCTWORK FITTINGS
SCALE: NTS



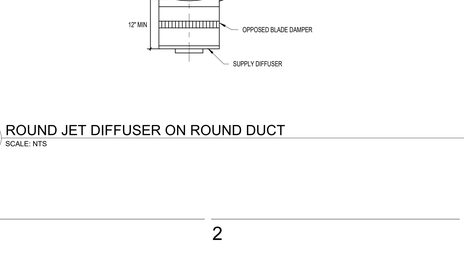
C3 DUCT TAKEOFFS
SCALE: NTS



C5 DUCTWORK TRANSITIONS
SCALE: NTS



C7 ROUND DUCT FITTINGS
SCALE: NTS

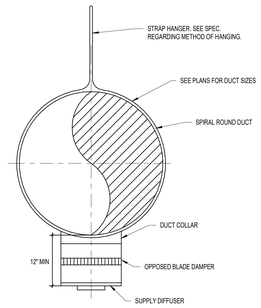


E1 LINEAR DIFFUSER TAKE-OFF
SCALE: NTS

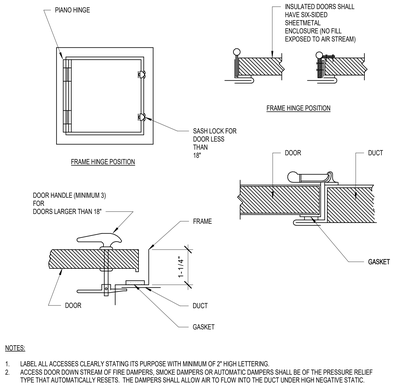
E3 SQUARE DIFFUSER TAKE-OFF
SCALE: NTS

E5 DRUM DIFFUSER ON ROUND DUCT
SCALE: NTS

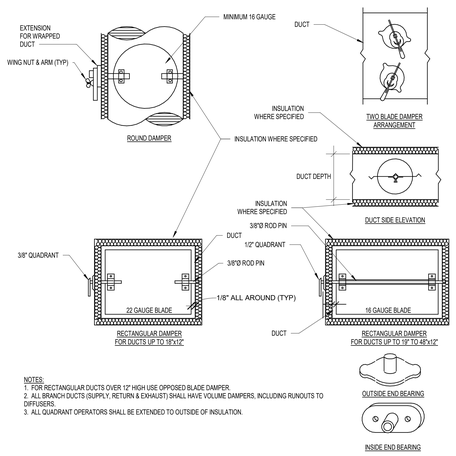
E7 DRUM DIFFUSER ON OVAL DUCT
SCALE: NTS



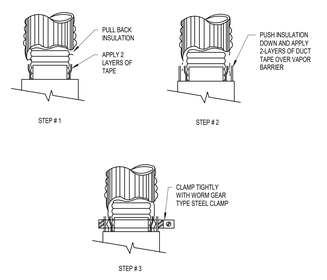
G1 ROUND JET DIFFUSER ON ROUND DUCT
SCALE: NTS



G3 DUCT ACCESS DOOR
SCALE: NTS



G5 VOLUME DAMPER (SINGLE BLADE)
SCALE: NTS



G7 FLEX DUCT TAPE AND CLAMP
SCALE: NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

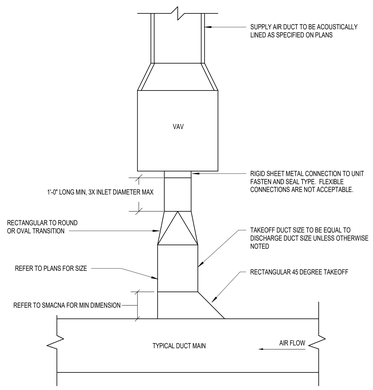
DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

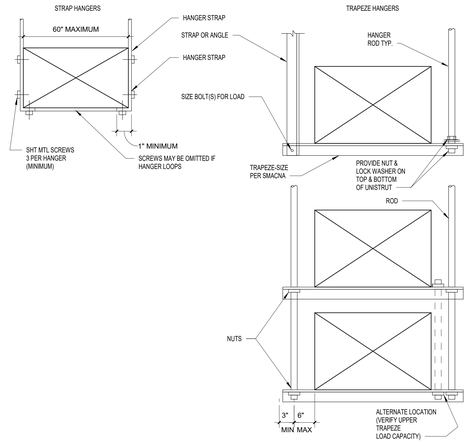
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	JAS
REVISIONS:	

DD SET

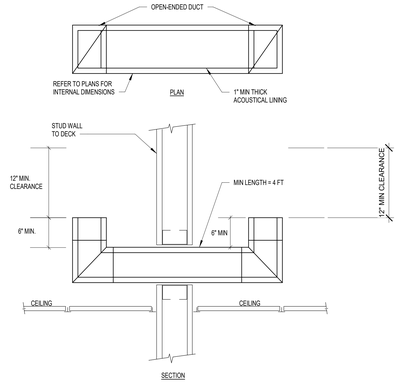
M501



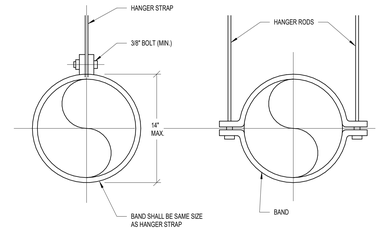
C1 VAV TERMINAL DUCT
SCALE: NTS



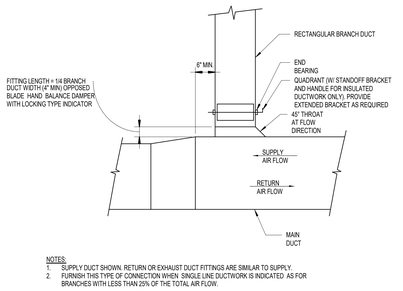
C3 DUCT HANGER SUPPORT
SCALE: NTS



C5 TYPICAL OPEN-ENDED TRANSFER DUCT
SCALE: NTS

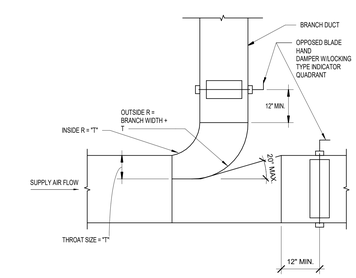


C8 ROUND DUCT HANGERS
SCALE: NTS

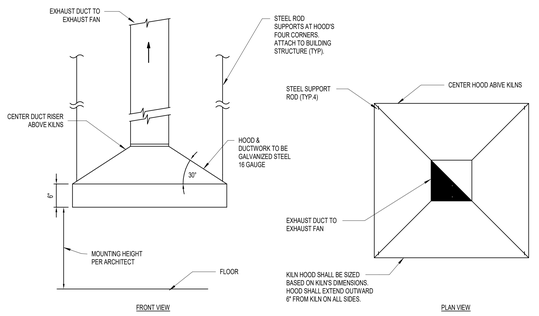


NOTES:
1. SUPPLY DUCT SHOWN. RETURN OR EXHAUST DUCT FITTINGS ARE SIMILAR TO SUPPLY.
2. FURNISH THIS TYPE OF CONNECTION WHEN SINGLE LINE DUCTWORK IS INDICATED AS FOR BRANCHES WITH LESS THAN 25% OF THE TOTAL AIR FLOW.

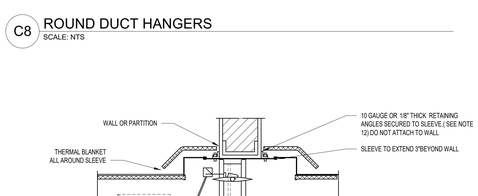
E1 RECTANGULAR 45° DUCT TAP W/ VOLUME DAMPER
SCALE: NTS



E3 RECTANGULAR BRANCH W/ THROAT AND VOLUME DAMPER
SCALE: NTS

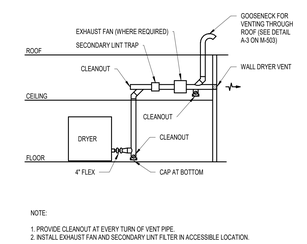


E5 KILN HOOD
SCALE: NTS



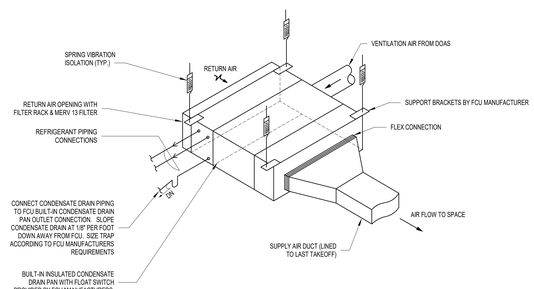
NOTES:
1. FIRE DAMPERS SHALL BE U.L. LISTED AND LABELED.
2. ALL FIRE AND SMOKE DAMPERS SHALL BE RATED TO MAINTAIN THE RATING OF THE FIRE SEPARATION.
3. TYPICAL INSTALLATION SHOWN. ACTUAL INSTALLATION SHALL COMPLY WITH REQUIREMENTS OF NFPA 90A, NFPA 101, UL 555 AND WITH ALL MANUFACTURER'S RECOMMENDATIONS.
4. LOCATE ACCESS DOOR FOR BEST ACCESS TO LINK.
5. FUSIBLE LINK TO BE RATED FOR 50 PERCENT ABOVE MAXIMUM OPERATING TEMPERATURE OF SYSTEM.
6. ALL DUCT-COLLAR CONNECTIONS SHALL COMPLY WITH UL 555 AND SMACNA. CONNECTIONS BETWEEN COLLAR AND DUCTWORK SHALL BE BREAKAWAY TYPE SUCH AS "S" SLIP, CRIMP, OR OTHER SLIP TYPE IN ACCORDANCE WITH SMACNA PLATE 15A, 4th EDITION AND PLATE 1, SMACNA FIRE DAMPER GUIDE, 1988 UNLESS OTHERWISE REQUIRED BY CODE.
7. GAUGES FOR COLLAR AND RECTANGULAR DUCT SHALL BE AS FOLLOWS: FIRE DAMPER COLLARS SHALL BE SAME GAUGE AS DUCTWORK WITH A MINIMUM OF 16 GAUGE FOR DUCTWORK UP TO 36" WIDE.FOR DUCTWORK ABOVE 36" WIDE, THE COLLAR SHALL BE 14 GAUGE.
8. PROVIDE STEEL STUD FRAMING AS REQUIRED, TO ACCEPT THE FIRE DAMPER ASSEMBLY (INCLUDING SLEEVES, ETC.).
9. AFTER THE INSTALLATION OF DAMPERS, THE CONTRACTOR SHALL SEAL AND TAPE ALL JOINTS FOR AIR TIGHTNESS. INSTALLATION SHALL BE MADE AVAILABLE FOR INSPECTION BY ARCHITECT BEFORE TAPING.
10. TO ALLOW FOR EXPANSION DAMPERS SHALL HAVE A CLEARANCE EQUAL TO 1/8" FOR EACH FOOT OF DAMPER HEIGHT. THE SIDE CLEARANCE SHALL BE 1/8" FOR EACH FOOT OF DAMPER WIDTH EQUALLY DIVIDED TO THE LEFT AND THE RIGHT OF THE COLLAR. THE MAXIMUM CLEARANCE FOR THE TOP AND THE TOTAL OF BOTH SIDES SHALL BE 1/2" EACH. THE RETAINING ANGLES SHALL BE 1-1/2"x1-1/2"x1/8" SO THAT THERE WILL BE A MINIMUM OF 1" OVERLAP ON THE FIRE SEPARATION.
11. DAMPER SHALL BE SECURED TO COLLAR, WITH EITHER 1/2" TACK WELDS, NO.10 SHEET METAL SCREWS, 1/4" DIA. NUTS AND BOLTS, OR 3/16" STEEL POP RIVETS, ALL 8" ON CENTER.
12. RETAINING ANGLES SHALL BE SECURED TO COLLAR, SLEEVE OR PLATE WITH EITHER 1/2" TACK WELDS, NO. 10 SHEET METAL SCREWS, 1/4" DIA. NUTS AND BOLTS, OR 3/16" STEEL POP RIVETS, ALL 8" CENTER.
13. WHERE HUNG CEILING DOES NOT HAVE REMOVABLE TILES, AN ACCESS DOOR (FIRE RATED WHERE REQUIRED) SHALL BE INSTALLED IN CEILING OR WALL NEAR LOCATION OF FIRE DAMPER.
14. ALL RETAINING ANGLES SHALL BE GALVANIZED STEEL.
15. INSTALL FIRE DAMPERS SO THE LOCKING DEVICE CAN BE ACCESSED WHEN THE DAMPER IS CLOSED.
16. FIRE DAMPER ACCESS DOORS SHALL BE LABELED/STENCILED WITH MIN. 1" LETTER " FIRE DAMPER." ACCESS DOOR ON SIDE AS SHOWN OR BOTTOM OF DUCT MINIMUM SIZE 18"X14" IF DUCT SIZE PERMITS. FOR SMALLER DUCTS MAKE DOOR 2" SMALLER THAN DUCT SIZE.

E8 MOTOR OPERATED FIRE/SMOKE DAMPER
SCALE: NTS

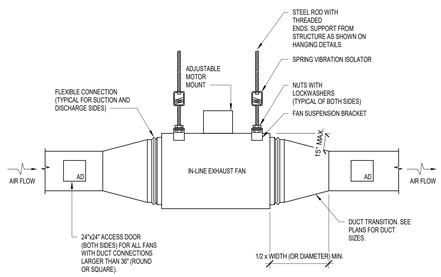


NOTE:
1. PROVIDE CLEANOUT AT EVERY TURN OF VENT PIPE.
2. INSTALL EXHAUST FAN AND SECONDARY LINT FILTER IN ACCESSIBLE LOCATION.

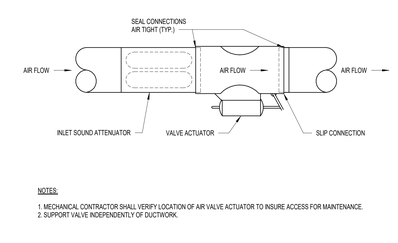
G1 DRYER EXHAUST DETAIL
SCALE: NTS



G3 FAN COIL UNIT
SCALE: NTS



G5 IN-LINE EXHAUST FAN
SCALE: NTS



NOTES:
1. MECHANICAL CONTRACTOR SHALL VERIFY LOCATION OF AIR VALVE ACTUATOR TO INSURE ACCESS FOR MAINTENANCE.
2. SUPPORT VALVE INDEPENDENTLY OF DUCTWORK.

G8 EXHAUST AIR VALVE
SCALE: NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

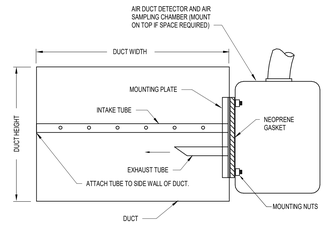
DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	JAS
REVISIONS:	

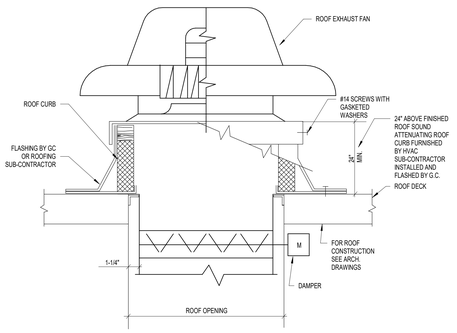
DD SET

M502



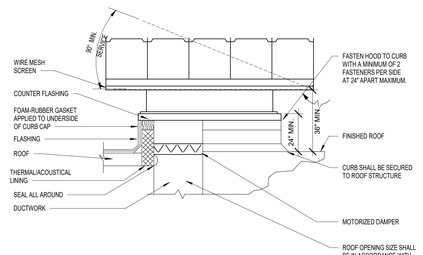
NOTES:
1. SMOKE DETECTOR FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR, AND MOUNTED BY MECHANICAL CONTRACTOR.
2. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. PROVIDE ACCESS DOOR AT SAMPLING TUBES.
4. THE TUBE SHALL BE INSTALLED PARALLEL TO LONG DIMENSION OF DUCT.
5. PRODUCT SHALL BE UL555 OR UL555S LISTED.

C1 SMOKE DETECTOR MOUNTING
SCALE: NTS



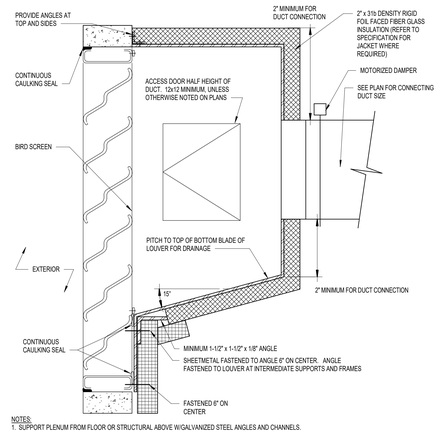
NOTES:
1. ROOF OPENING SIZE SHALL BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.
2. FASTEN FAN TO CURB WITH #14 SCREWS WITH GASKETED WASHERS SPACED AT 12" ON CENTER MAXIMUM AROUND PERIMETER OF THE FAN BASE.
3. FASTEN CURB TO ROOF WITH #14 SCREWS WITH GASKETED WASHERS SPACED AT 12" ON CENTER MAXIMUM AROUND THE PERIMETER OF THE FAN CURB.
4. PROVIDE ROOF CURB FOR SLOPED ROOF AS REQUIRED. ROOF CURB SLOPE TO MATCH ROOF SLOPE. KEEP TOP OF CURB HORIZONTAL.

C2 ROOF EXHAUST FAN
SCALE: NTS



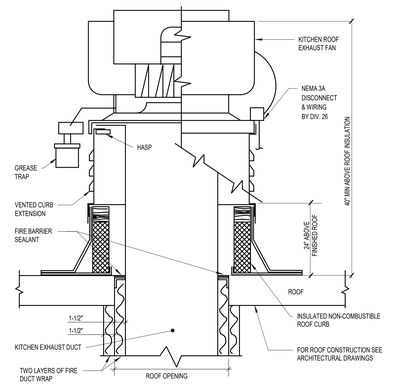
NOTES:
1. CURB TO BE FURNISHED BY HVAC AND INSTALLED BY GENERAL CONTRACTOR.
2. FOR SLOPED ROOF: CURB SLOPE TO MATCH ROOF SLOPE. KEEP TOP OF CURB HORIZONTAL.

C4 INTAKE/RELIEF HOOD
SCALE: NTS



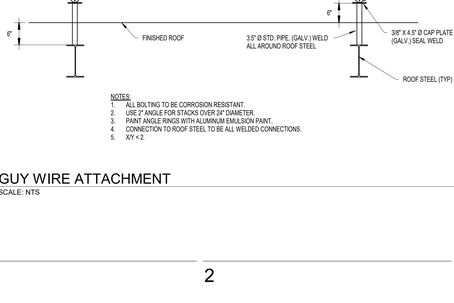
NOTES:
1. SUPPORT PLENUM FROM FLOOR OR STRUCTURAL ABOVE W/GALVANIZED STEEL ANGLES AND CHANNELS.

C6 PLENUM INTAKE/RELIEF/EXHAUST
SCALE: NTS



NOTES:
1. KITCHEN EXHAUST FAN MUST HAVE EXTERNAL WIRING.
2. 40" MIN DISCHARGE HEIGHT.
3. PROVIDE ROOF CURB FOR SLOPED ROOF AS REQUIRED. CURB SLOPE TO MATCH ROOF SLOPE. KEEP TOP OF CURB HORIZONTAL.

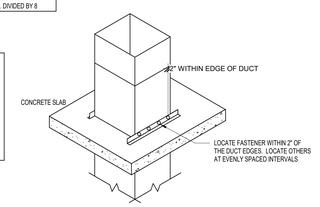
C8 KITCHEN ROOF EXHAUST FAN
SCALE: 1/2" = 1'-0"



MINIMUM NUMBER OF FASTENERS ON EACH OF THE TWO SUPPORT BARS	
LARGEST DUCT DIM.	MINIMUM NUMBER OF FASTENERS
16" AND DOWN	2
17-24"	3
OVER 24"	LARGEST DUCT DIM. DIVIDED BY 8

SUGGESTED SIZING FOR SUPPORT OF 12 FEET OF DUCT	
DUCT SIZE	ANGLE
36x18	1 1/2" x 1 1/2" x 1/8"
48x24	1 1/2" x 1 1/2" x 1/8"
60x30	1 1/2" x 1 1/2" x 3/16"
60x60	1 1/2" x 1 1/2" x 1/4" or 2" x 2" x 1/8"

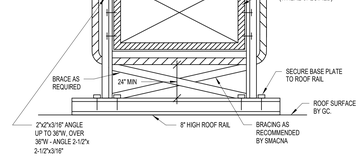
OVER 60" - INCREASE ANGLE SIZE AS REQUIRED FOR SPACE AND DUCT SIZE



E1 DUCT RISER SUPPORT
SCALE: NTS

NOTE:
ROOF CURB TO BE FURNISHED BY HVAC & INSTALLED BY GEN. CONTRACTOR. FLASHING SHALL BE PROVIDED BY GEN. CONTRACTOR & COUNTER FLASHING BY HVAC SUBCONTRACTOR.

E3 RELIEF/INTAKE GOOSENECK
SCALE: NTS



E5 ROOF MOUNTED DUCTWORK SUPPORT
SCALE: NTS

NOTES:
1. PROVIDE ENGINEERED DESIGN AND SHOP DRAWINGS FOR ALL EXTERIOR DUCTWORK ON MOLDED RUBBER SUPPORT SYSTEM ON ROOF
2. PROVIDE TYPE, SIZE & NUMBER OF SUPPORTS & ATTACHMENTS ACCORDING TO MANUFACTURER'S REQUIREMENTS BASED ON HVAC SYSTEM TYPE, INSULATION REQUIREMENTS, LOCATION & ROUTING.

E7 DUCTWORK ON MOLDED RUBBER SUPPORT SYSTEM ON ROOF
SCALE: NTS

NOTES:
1. ALL BOLTING TO BE CORROSION RESISTANT.
2. USE 2" ANGLE FOR STACKS OVER 24" DIAMETER.
3. PAINT ANGLE RINGS WITH ALUMINUM EMULSION PAINT.
4. CONNECTION TO ROOF STEEL TO BE ALL WELDED CONNECTIONS.
5. X/Y = 2.

G1 GUY WIRE ATTACHMENT
SCALE: NTS

NOTES:
1. PROVIDE ENGINEERED DESIGN AND SHOP DRAWINGS FOR ALL EXTERIOR PIPING ON MOLDED RUBBER SUPPORT SYSTEM ON ROOF
2. PROVIDE TYPE, SIZE & NUMBER OF SUPPORTS & ATTACHMENTS ACCORDING TO MANUFACTURER'S REQUIREMENTS BASED ON HVAC SYSTEM TYPE, INSULATION REQUIREMENTS, LOCATION & ROUTING.

G3 PIPING ON MOLDED RUBBER SUPPORTS ON ROOF
SCALE: NTS

G5 SPLIT SYSTEM AIR COOLED CONDENSER INSTALLATION
SCALE: NTS

G7 TYPICAL VALVE HANDLE EXTENSION
SCALE: NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

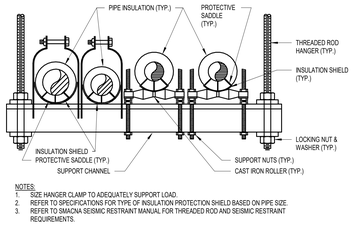
DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	JAS
REVISIONS:	

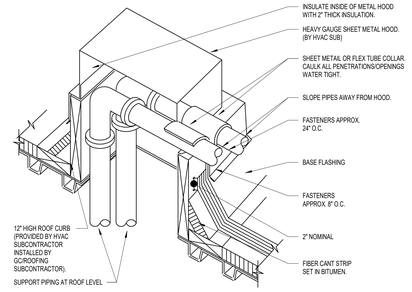
DD SET

M503

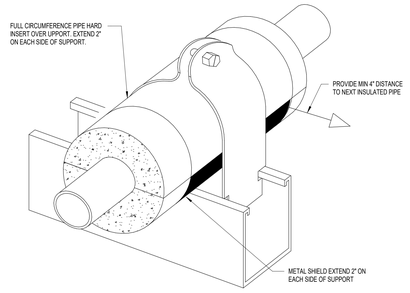


NOTES:
1. SIZE HANGER CLAMP TO ADEQUATELY SUPPORT LOAD.
2. REFER TO SPECIFICATIONS FOR TYPE OF INSULATION PROTECTION SHIELD BASED ON PIPE SIZE.
3. REFER TO SMACNA SEISMIC RESTRAINT MANUAL FOR THREADED ROD AND SEISMIC RESTRAINT REQUIREMENTS.

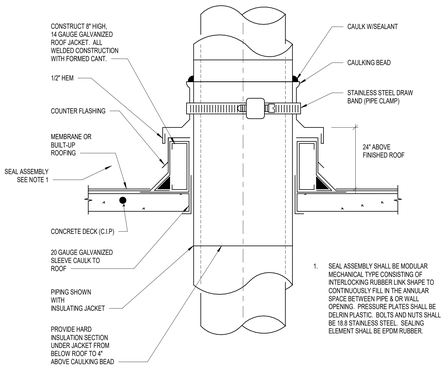
B1 MECHANICAL TRAPEZE PIPE HANGER
SCALE: NTS



B3 REFRIGERANT PIPING THROUGH ROOF
SCALE: NTS



B5 REFRIGERANT PIPING SUPPORT
SCALE: NTS

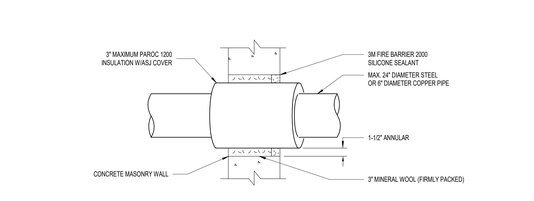


1. SEAL ASSEMBLY SHALL BE MODULAR MECHANICAL TYPE CONSISTING OF INTERLOCKING RUBBER LINK SHAPE TO CONTINUOUSLY FILL IN THE ANNULAR SPACE BETWEEN PIPE & OR WALL OPENING. PRESSURE PLATES SHALL BE DELRIN PLASTIC. BOLTS AND NUTS SHALL BE 18-8 STAINLESS STEEL. SEALING ELEMENT SHALL BE EPDM RUBBER.

B7 PIPE THROUGH ROOF
SCALE: NTS

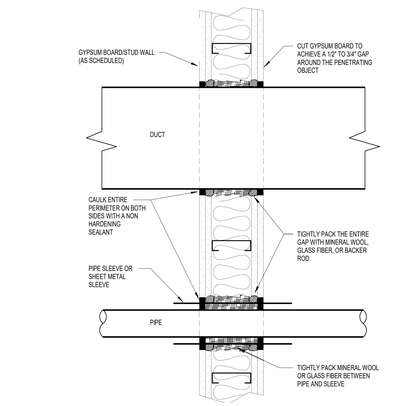
NOTES:
1. ASSEMBLY: MINIMUM 4-1/2" THICK LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR.
2. PENETRATING ITEM(S): MAXIMUM 24" DIAMETER MINIMUM SCHEDULE 10 STEEL PIPE, OR MAXIMUM 4" MINIMUM SCHEDULE 5 STEEL PIPE, CONDUIT EMT OR MAXIMUM 6" DIAMETER TYPE L (OR HEAVIER) COPPER TUBING OR MAXIMUM 6" DIAMETER REGULAR (OR HEAVIER) COPPER PIPE COVERED WITH NOMINAL 1" THICK GLASS FIBER 3.5 PCF FOIL-SCRIM-KRAFT PIPE INSULATION.
3. INSTALLATION NOTES:
   A. MINIMUM ANNULAR SPACE REQUIREMENT IS 1/2". MAXIMUM ANNULAR SPACE ALLOWABLE IS 1-1/2".
   B. FIRMLY PACK A MINIMUM OF 3" OF MINIMUM 4 PCF MINERAL WOOL INTO THE OPENING PERIMETER FROM THE FLOOR SURFACE.
   C. INSTALL 1/2" OF 3M FIRE BARRIER 2000 SILICONE SEALANT OR 3M FIRE BARRIER 2003 SILICONE SEALANT SL ON TOP OF MINERAL WOOL.

D1 PIPE THROUGH FIRE RATED FLOOR
SCALE: NTS



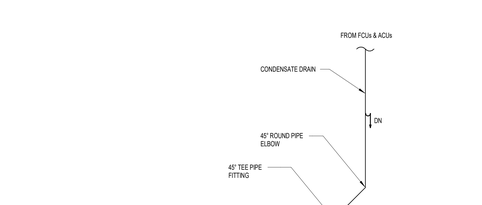
NOTES:
1. ALLOW SUFFICIENT SPACE BELOW DRAIN PAN FOR TRAP.
2. PITCH DRAIN FOR PROPER RUN OFF.
3. MANUALLY PRIME TRAP BEFORE START-UP TO FORM INITIAL DRAIN SEAL.
4. SUPPORT LONG DRAIN LINES TO PREVENT SAG AND CONDENSATE OVERFLOW.
5. DROP TRAP THROUGH FLOOR AND RISE TO SAME LEVEL IF REQUIRED BY TRAP DEPTH AND CONDENSATE DRAIN OUTLET CENTERLINE ABOVE FLOOR.
6. INTERIOR CONDENSATE DRAIN PIPING TO BE INSULATED PER SPECIFICATION.
7. REFER TO PLANS FOR PIPE SIZE. PIPE SHALL BE NO SMALLER THAN DRAIN CONNECTION SIZE (3/4" MIN).

D3 DRAIN TRAP PIPING
SCALE: NTS



NOTES:
1. DUCTS SHALL RUN TIGHT TO BOTTOM OF STEEL
2. PIPES AND EQUIPMENT SHALL NOT BE SUPPORTED FROM METAL DECK OR BRIDGING
3. ALL HANGERS & SUPPORTS MUST BE COORDINATED WITH ALL OTHER TRADES
4. ECCENTRIC BEAM LOADING WILL NOT BE ALLOWED UNLESS APPROVED, IN WRITING, BY ENGINEER

D5 PIPING & DUCTWORK BEAM LOADING METHODS
SCALE: NTS



NOTES:
1. SIZE HANGER CLAMP TO ADEQUATELY SUPPORT LOAD.
2. REFER TO STRUCTURAL HANGING DETAILS FOR ATTACHMENTS.
3. IF INSULATED PIPE, SIZE HANGER PROPERLY. INSULATION SHIELDS FOR COLD LINES AND PROTECTION SADDLES FOR HOT LINES.
4. REFER TO SPECIFICATIONS FOR TYPE OF INSULATION PROTECTION SHIELD BASED ON PIPE SIZE.
5. REFER TO SMACNA SEISMIC RESTRAINT MANUAL FOR THREADED ROD AND SEISMIC RESTRAINT REQUIREMENTS.

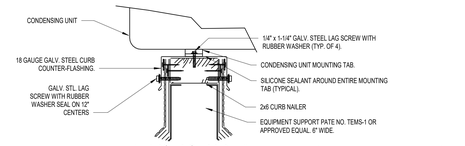
D7 PIPE HANGER
SCALE: NTS

F1 PIPE ANCHOR AND GUIDE
SCALE: NTS

DUCT THROUGH SEISMIC/EXPANSION JOINT

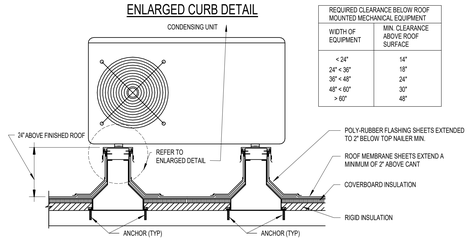
F3 DUCT & PIPE THROUGH BUILDING EXPANSION JOINT
SCALE: NTS

F5 DUCT & PIPE THROUGH GYPSUM WALL
SCALE: NTS



ENLARGED CURB DETAIL

REQUIRED CLEARANCE BELOW ROOF MOUNTED MECHANICAL EQUIPMENT	
WIDTH OF EQUIPMENT	MIN. CLEARANCE ABOVE ROOF SURFACE
< 24"	14"
24" < 36"	18"
36" < 48"	24"
48" < 60"	30"
> 60"	48"



NOTES:
1. CONTRACTOR SHALL PROVIDE ALL ROOF WATER-PROOFING IN STRICT ACCORDANCE WITH PROJECT ROOFING SYSTEM MANUFACTURER. INSTALLATIONS SHALL BE BY BONDED ROOFING CONTRACTOR APPROVED BY ROOF SYSTEM MANUFACTURER TO MAINTAIN ALL ROOF WARRANTIES. EQUIPMENT SHALL BE FASTENED TO ROOF TO COMPLY WITH WIND-LOADING REQUIREMENTS IN STRICT ACCORDANCE WITH BUILDING CODE AND LOCAL ORDINANCES.

F7 ROOF MOUNTED SPLIT SYSTEM CONDENSING UNIT
SCALE: NTS

NOTES:
1. ASSEMBLY: MINIMUM 4-1/2" THICK WALL ASSEMBLY CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCK (WITH A FIRE RATING EQUAL TO OR GREATER THAN THE SYSTEM RATING) OR LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE.
2. PENETRATING ITEM(S): MAXIMUM 24" DIAMETER MINIMUM SCHEDULE 10 STEEL PIPE, OR MAXIMUM 4" MINIMUM SCHEDULE 5 STEEL PIPE, CONDUIT EMT OR MAXIMUM 6" DIAMETER TYPE L (OR HEAVIER) COPPER TUBING OR MAXIMUM 6" DIAMETER REGULAR (OR HEAVIER) COPPER PIPE COVERED WITH MAXIMUM 3" THICK MINERAL WOOL FOIL-SCRIM-KRAFT PIPE INSULATION. PIPE INSULATION TOP BE SECURED TO PIPE WITH MINIMUM 18 GAUGE STEEL TIE WIRE SPACED 12" ON CENTER. MINERAL WOOL PIPE INSULATION OS PAROC 1200 MANUFACTURED BY PARTEK INSULATIONS.
3. INSTALLATION NOTES:
   A. MINIMUM ANNULAR SPACE REQUIREMENT IS 1/2". MAXIMUM ANNULAR SPACE ALLOWABLE IS 1-1/2".
   B. FIRMLY PACK A MINIMUM OF 3" OF MINIMUM 4 PCF MINERAL WOOL INTO THE OPENING AND RECESS IT1/2" FROM EACH WALL SURFACE.
   C. INSTALL 1/2" OF 3M FIRE BARRIER 2000 SILICONE SEALANT ON BOTH SIDES OF MINERAL WOOL IN WALLS.

G3 PIPE THROUGH FIRE RATED WALL
SCALE: NTS

NOTES:
1. REFER TO DRAWINGS FOR LOCATIONS AND SIZES OF DUCT/ROOF PENETRATIONS.
2. ROOF CURB SUPPLIED BY HVAC SUBCONTRACTOR AND INSTALLED BY GENERAL CONTRACTOR/ROOFING CONTRACTOR.
3. FOR SLOPED ROOF: CURB SLOPE TO MATCH ROOF SLOPE. KEEP TOP OF CURB HORIZONTAL.

G5 ROOF CURB - DUCT THROUGH ROOF
SCALE: NTS

NOTES:
1. PROVIDE CLEANOUT ON CONDENSATE DRAIN PIPING AT EACH CHANGE OF DIRECTION.
2. SLOPE CONDENSATE DRAIN PIPING DOWN AT 1/8" PER FOOT TOWARDS THE POINT OF DISCHARGE (AWAY FROM FCU & ACU).
3. REFER TO DIV. 23 FOR PIPING & INSULATION SPECIFICATIONS.

G7 CONDENSATE DRAIN PIPING
SCALE: NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

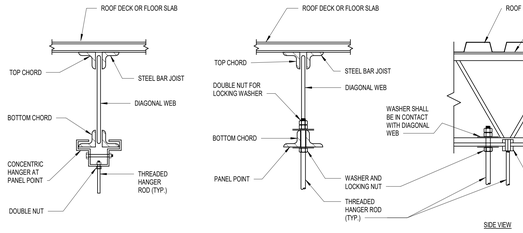
DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	JAS
REVISIONS:	

DD SET

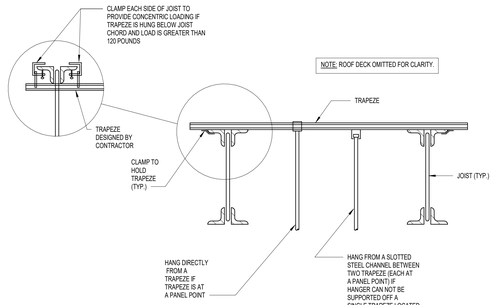
M504



DETAIL "A" CONCENTRIC (AND ECCENTRIC) HANGERS

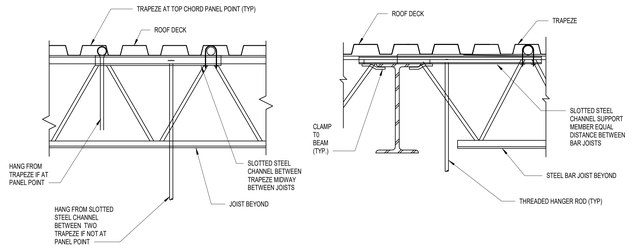
(ECCENTRIC HANGERS ONLY ALLOWED FOR LOADS OF 120 POUNDS OR LESS)

DETAIL "B" HANGING FROM BOTTOM CHORD



DETAIL "C" HANGING FROM TOP CHORD

(APPLICABLE AT LOCATIONS WITH 1-1/2" MIN DEEP ROOF DECK)



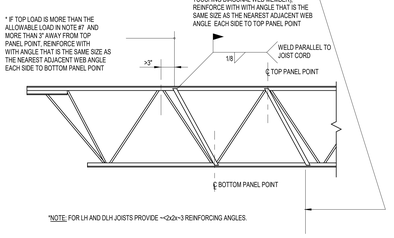
DETAIL "D" TYPICAL JOIST REINFORCING

(FOR LOADS NOT AT PANEL POINTS)

NOTE:
ALL FIELD WELDING OF JOISTS MUST OCCUR IN A DIRECTION PARALLEL TO THE CHORDS, NOT PERPENDICULAR.

* IF TOP LOAD IS MORE THAN THE ALLOWABLE LOAD IN NOTE #7 AND MORE THAN 3" AWAY FROM TOP PANEL POINT, REINFORCE WITH WITH ANGLE THAT IS THE SAME SIZE AS THE NEAREST ADJACENT WEB ANGLE EACH SIDE TO BOTTOM PANEL POINT

* IF BOTTOM LOAD IS MORE THAN THE ALLOWABLE LOAD IN NOTE #7 AND IS NOT AT BOTTOM CHORD PANEL POINT (OR HANGER IS NOT TOUCHING DIAGONAL WEB MEMBER), REINFORCE WITH WITH ANGLE THAT IS THE SAME SIZE AS THE NEAREST ADJACENT WEB ANGLE EACH SIDE TO TOP PANEL POINT



*NOTE: FOR LH AND DLH JOISTS PROVIDE ~<2x2x~3 REINFORCING ANGLES.

JOIST HANGING NOTES:
1. DO NOT HANG PIPES AND EQUIPMENT FROM STEEL DECK OR FROM BRIDGING ANGLES.
2. WHERE POSSIBLE SUSPEND HANGERS FROM WIDE-FLANGED BEAMS, NOT FROM BAR JOISTS.
3. UTILITIES, INCLUDING PIPING, DUCTWORK AND CONDUIT RUNNING PARALLEL TO BAR JOISTS, WHERE THE LOAD IS 25 POUNDS PER LINEAR FOOT OR LESS, MAY BE HUNG FROM A SINGLE JOIST.
4. UTILITIES, INCLUDING PIPING, DUCTWORK AND CONDUIT, RUNNING PARALLEL TO BAR JOISTS, WHERE THE LOAD IS GREATER THAN 25 POUNDS PER LINEAR FOOT, SHALL BE SUPPORTED MID-WAY BETWEEN TWO JOISTS.
5. WHERE PAIRS OF PIPES RUN PERPENDICULAR TO BAR JOISTS, STAGGER HANGERS BETWEEN ALTERNATE JOISTS, OR HANG FROM EVERY JOIST.
6. THE TOTAL WEIGHT OF ALL UTILITIES, SERVICES, PIPING, DUCTWORK AND CONDUIT HANGING FROM A SINGLE POINT SHALL NOT EXCEED 200 LBS FOR K-SERIES JOISTS AND 400 LBS FOR LH AND DLH SERIES JOISTS UNLESS OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS. WHEN THIS WEIGHT IS EXCEEDED, SUBMIT A DETAIL OF PROPOSED METHOD OF HANGING TO THE ARCHITECT FOR APPROVAL.
7. HANGERS MAY BE LOCATED BETWEEN PANEL POINTS PROVIDED THAT THEY DO NOT EXCEED THE FOLLOWING LOADS:

	K-SERIES JOISTS	LH & DLH- SERIES JOISTS
BETWEEN TOP CHORD PANEL POINTS	100 LBS	200 LBS
BETWEEN BOTTOM CHORD PANEL POINTS	50 LBS	100 LBS

8. ECCENTRIC HANGERS (C-CLAMPS) WILL BE ALLOWED FOR PIPING AND OTHER TRADES WHERE THE HANGER SPACING LIMITS THE TOTAL POINT LOAD TO 120 LBS OR LESS. C-CLAMPS FOR LOADS GREATER THAN 30 LBS, BUT NOT MORE THAN 120 LBS, MUST BE LOCATED AT JOIST PANEL POINTS UNLESS THE JOIST CHORD IS REINFORCED WITH AN ANGLE SIMILAR TO DETAIL "D".
9. WELDING OF JOISTS SHALL ONLY BE IN A DIRECTION PARALLEL TO JOIST CHORDS.

GENERAL NOTES:

1. COORDINATE HANGING LOCATIONS AND DETAILS WITH OTHER TRADES. ATTEND A PRE-INSTALLATION CONFERENCE WITH GENERAL CONTRACTOR, ARCHITECT AND OTHER TRADES TO REVIEW HANGING METHODS AND COORDINATE HANGING LOCATIONS.
2. DO NOT HANG FROM ROOF DECK.
3. SUBMIT ALTERNATE METHODS FOR HANGING TO ARCHITECT FOR REVIEW AND DO NOT USE WITHOUT WRITTEN APPROVAL FROM ARCHITECT.
4. SEE SPECIFICATIONS FOR SEISMIC BRACING REQUIREMENTS.

JOIST HANGING

FOR PIPING 6"ø OR LESS

FOR PIPING LARGER THAN 6"ø

BEAM HANGING

SLABS ON COMPOSITE DECK

FOR PIPING 6"ø AND SMALLER FLOOR HANGING

TYPICAL PIPE HOLE THRU BEAM

(HOLES AND REINFORCING WORK IN FIELD BY TRADE CONTRACTOR)

NOTE:
ALL BEAM PENETRATIONS SHALL BE REVIEWED AND APPROVED BY STRUCTURAL ENGINEER OF RECORD (S.E.R.)

F2 STRUCTURAL DETAILS
SCALE: NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	JAS
REVISIONS:	

DD SET

M505

DEDICATED OUTDOOR AIR SYSTEM

fh	SERVICE/ LOCATION	SUPPLY FAN										EXHAUST FAN									DX COIL												HOT GAS REHEAT COIL			ELECTRIC HEATING COIL			AIR SOURCE HEAT PUMP						
																					COOLING MODE						HEATING MODE																		
																					TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EAT (°F)		LAT (°F)		TOTAL CAPACITY (MBH)	EAT (°F)	LAT (°F)																		
		TOTAL CFM	MIN OA CFM	ESP (IN WG)	TSP (IN WG)	RPM	BHP	HP	FAN TYPE	FAN QTY	VFD (Y/N)	FAN CFM	ESP (IN WG)	TSP (IN WG)	RPM	BHP	HP	FAN TYPE	FAN QTY	VFD (Y/N)			DB	WB	DB	WB						TOTAL CAPACITY (MBH)	EAT (°F)	LAT (°F)	KW	CONTROL TYPE	EAT (°F)	LAT (°F)	QUANTITY	NOMINAL TONNAGE	CIRCUIT QUANTITY PER KIT	DESIGN AMBIENT TEMP. (oF.) (COOLING)	DESIGN AMBIENT TEMP. (oF.) (HEATING)	COMPRESSOR MODULATION Y/N	MODEL
DOAS-A-1	ARTS WING/ A WING ROOF	4,000	4,000	3	6.8	3,293	3.1	3.4	PLUG	2	Y	4,374	2.5	4.4	2,644	2.0	2.1	PLUG	2	Y	155	115	78	65.10	52	52	140	43	75	36	52	60	95	SCR		75	1	14	2	95	15	Y	ASTP14.2
DOAS-A-2	ADMIN & TOWN OFFICES	5,000	5,000	3	6.8	3,293	3.6	4.0	PLUG	2	Y	5,442	2.5	4.4	2,313	2.3	2.5	PLUG	2	Y	194	143	78	65.10	52	52	175	43	75	44	52	60	119	SCR		75	1	20	2	95	15	Y	ASTP20.2
DOAS-B-1	GUIDANCE/ B WING ROOF	3,000	3,000	3	6.7	3,526	2.3	2.5	PLUG	2	Y	3,315	2.5	4.4	2,949	1.5	1.6	PLUG	2	Y	116	86	78	65.10	52	52	105	43	75	27	52	60	72	SCR		75	1	14	2	95	15	Y	
DOAS-B-2	ALT GYM/ LKRS/ B WING ROOF	4,500	4,500	3	7.5	3,371	3.8	4.2	PLUG	2	Y	4,942	2.5	5.2	2,965	2.7	3.0	PLUG	2	Y	173	128	77.8	65	52	52		43		40	52	60	105	SCR		75	1	14	2	95	15	Y	ASTP14.2
DOAS-D-1	CLASSROOM EAST/ D WING ROOF	9,000	9,000	3	6.8	2,666	6.6	7.3	PLUG	2	Y	9,736	2.5	4.4	2,334	4.4	4.8	PLUG	2	Y	351	259	78.1	65.20	52	52	315	43	75	80	52	60	214	SCR		75	1	40	2	95	15	Y	ASTP40.2
DOAS-D-2	CLASSROOM EAST/ D WING ROOF	9,000	9,000	3	6.8	2,666	6.6	7.3	PLUG	2	Y	9,736	2.5	4.4	2,334	4.4	4.8	PLUG	2	Y	351	259	78.1	65.20	52	52	315	43	75	80	52	60	214	SCR		75	1	40	2	95	15	Y	ASTP40.2
DOAS-E-1	CLASSROOM WEST/ E WING ROOF	8,000	8,000	3	6.8	2,565	5.7	6.2	PLUG	2	Y	8,706	2.5	4.4	2,218	3.8	4.2	PLUG	2	Y	309	229	78	65.10	52	52	279	43	75	71	52	60	190	SCR		75	1	30	2	95	15	Y	ASTP30.2
DOAS-E-2	CLASSROOM WEST/ E WING ROOF	8,000	8,000	3	6.8	2,565	5.7	6.2	PLUG	2	Y	8,706	2.5	4.4	2,218	3.8	4.2	PLUG	2	Y	309	229	78	65.10	52	52	279	43	75	71	52	60	190	SCR		75	1	30	2	95	15	Y	ASTP30.2

DEDICATED OUTDOOR AIR SYSTEM (CONTINUED)

EQUIPMENT NAME	SERVICE/ LOCATION	ENERGY WHEEL																	OA AIR FILTERS		RETURN AIR FILTER	MAXIMUM SOUND POWER LEVELS (DB)																								ELECTRICAL				EMERGENCY POWER (Y/N)	OPERATING WEIGHT (LBS)	BASIS OF DESIGN		REMARKS
		SUMMER PERFORMANCE						WINTER PERFORMANCE										HP	VFD (Y/N)	PRE MERV RATING	FINAL MERV RATING	MERV RATING	DISCHARGE								DUCTED INLET								CASING														
		OAT (°F)		SAT (°F)		RAT (°F)		EAT (°F)		OAT (°F)		SAT (°F)		RAT (°F)		EAT (°F)							63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000	V/Ø/HZ	FLA	MCA	MOCP			MANUFACTURER	MODEL	
		DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB																																	
DOAS-A-1	ARTS WING/ A WING ROOF	90	72	78	65.1	75	62.5	87	69.8	-5	-6.5	42.7	37.8	70	53	22.3	22.3	Y	10	15	10																							460/3/60	99	114	125	N	8500	ANNEXAIR	ERP-E-07-EW-HE-D-HR-ASP14.2	
DOAS-A-2	ADMIN & TOWN OFFICES	90	72	78	65.1	75	62.5	87	69.8	-5	-6.5	42.8	37.8	70	53	22.2	22.2	Y	10	15	10																							460/3/60	121	139	150	N	9200	ANNEXAIR	ERP-E-09-EW-HE-D-HR-ASP20.2	
DOAS-B-1	GUIDANCE/ B WING ROOF	90	72	78	65.1	75	62.5	87	69.8	-5	-6.5	42.6	37.7	70	53			Y	10	15	10																							460/3/60	83	85	100	N	8000	ANNEXAIR	ERP-E-05-EW-HE-D-HR-ASP14.2	
DOAS-B-2	ALT GYM/ LKRS/ B WING ROOF	90	72	77.8	65	75	62.5			-5	-6.5	42.6	37.8	70	53	22.4	22.4	Y	10	15	10																							460/3/60	109	125	150	N	8200	ANNEXAIR	ERP-E09-EW-HE-D-HR-ASP14.2	
DOAS-D-1	CLASSROOM EAST/ D WING ROOF	90	72	78.1	65.2	75	62.5	86.9	69.7	-5	-6.5	42.6	37.6	70	53	22.4	22.4	Y	10	15	10																							460/3/60	218	222	225	N	13200	ANNEXAIR	ERP-E-16-EW-HE-D-HR-ASP40.2	
DOAS-D-2	CLASSROOM EAST/ D WING ROOF	90	72	78.1	65.2	75	62.5	86.9	69.7	-5	-6.5	42.6	37.6	70	53	22.4	22.4	Y	10	15	10																							460/3/60	218	222	225	N	13200	ANNEXAIR	ERP-E-16-EW-HE-D-HR-ASP40.2	
DOAS-E-1	CLASSROOM WEST/ E WING ROOF	90	72	78	65.1	75	62.5	87	69.8	-5	-6.5	42.8	37.9	70	53	22.2	22.2	Y	10	15	10																							460/3/60	172	178	200	N	12400	ANNEXAIR	ERP-E-16-EW-HE-D-HR-ASP30.2	
DOAS-E-2	CLASSROOM WEST/ E WING ROOF	90	72	78	65.1	75	62.5	87	69.8	-5	-6.5	42.8	37.9	70	53	22.2	22.2	Y	10	15	10																							460/3/60	172	199	200	N	12400	ANNEXAIR	ERP-E-16-EW-HE-D-HR-ASPE30.2	

NOTES:
1. PROVIDE VARIABLE FREQUENCY DRIVE ON ENERGY RECOVERY WHEEL MOTOR.
2. FOR OUTDOOR UNITS PROVIDE ACOUSTICAL LOUVER ON EXHAUST AIR DISCHARGE OPENING.
3. PROVIDE FLEXIBLE CONNECTIONS AT UNIT SUPPLY AND RETURN DUCTWORK CONNECTIONS.
4. PROVIDE MOTORIZED ISOLATION DAMPERS ON SUPPLY AND RETURN OPENINGS IN UNITS.
5. ALL DUCTWORK AND PIPING RUNNING WITHIN ROOF CURBS TO BE PROVIDED WITH WEATHERPROOF INSULATION JACKET.
6. PROVIDE ROOF CURB FOR SLOPED ROOF. HEIGHT TO BE 24" ABOVE FINISHED ROOF INSULATION.
7. WINTER EXHAUST LEAVING AIR TEMPERATURE AFTER ENERGY RECOVERY WHEEL TO BE MAINTAINED AT MIN 22 DEG F DB AND AFTER ENERGY RECOVERY HEAT PIPE TO BE MAINTAINED AT MIN 36 DEG F DB
8. PROVIDE INDIVIDUAL VFD FOR EACH SUPPLY AND EACH RETURN EXHAUST FAN.
9. PROVIDE INDIVIDUAL MOTORIZED ISOLATION DAMPER FOR EACH SUPPLY AND EACH RETURN EXHAUST FAN.
10. HEATING COILS ARE SIZED IN THE EVENT OF ENERGY RECOVERY WHEEL FAILURE.
11. PROVIDE PERFORATED LINERS IN ALL FAN SECTIONS.
12. ALL UNITS WITH MIN OA LESS THAN 45% SHALL HAVE SEPARATE MIN OA MOTORIZED DAMPERS.
13. FOR UNITS WITH ENTHALPY WHEELS, EXHAUST FANS NEED TO ACCOUNT FOR WHEEL PURGE AIR FLOW
14. PROVIDE SMOKE DAMPERS ON SUPPLY AND RETURN DUCT CONNECTIONS FOR ALL UNITS WITH AIRFLOW GREATER THAN 15,000 CFM.

AIR HANDLING UNIT

EQUIPMENT NAME	SERVICE/ LOCATION	SUPPLY FAN									RETURN FAN								DX COIL											HOT GAS REHEAT COIL			ELECTRIC HEATING COIL			AIR SOURCE HEAT PUMP					
																			COOLING MODE						HEATING MODE																
																					TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EAT (°F)		LAT (°F)		TOTAL CAPACITY (MBH)	EAT (°F)	LAT (°F)													
		TOTAL CFM	MIN OA CFM	ESP (IN WG)	TSP (IN WG)	RPM	BHP	HP	FAN TYPE	FAN QTY	VFD (Y/N)	CFM	ESP (IN WG)	TSP (IN WG)	RPM	BHP	HP	FAN TYPE	FAN QTY	VFD (Y/N)			DB	WB	DB	WB						TOTAL CAPACITY (MBH)	EAT (°F)	LAT (°F)	KW	EAT (°F)	LAT (°F)	QUANTITY	NOMINAL TONNAGE	CIRCUIT QUANTITY PER KIT	DESIGN AMBIENT TEMP. (oF.) (COOLING)	DESIGN AMBIENT TEMP. (oF.) (HEATING)	COMPRESSOR MODULATION Y/N	MODEL
AHU-A-1	AUDITORIUM/ A WING ROOF	1,2000	8,600	2.5	7.1	2495	8.9	9.8	PLUG	2	Y	1,200	2	4.7	2,178	5.9	6.6	PLUG	2	Y	465	362	79.4	65.1	52	52	222	53	70	106	52	60	65	70		1	48	2	95	15	Y	
AHU-A-2	LGI /A WING ROOF	4,000	1,400	2.5	7.1	3229	3.3	3.6	PLUG	2	Y	4,000	2	4.8	2,730	2.1	2.3	PLUG	2	Y	145	117	78.2	64.3	52	52	31	63	70	36	52	60	13	73		1	14	2	95	15	Y	
AHU-B-1	GYM/ B WING ROOF	20,000	9,000	2.5	7.1	2582	9.9	10.9	PLUG	3	Y	20,000	2	4.8	2,283	6.7	7.4	PLUG	3	Y	691	568	78.7	64.6	52.9	52.9	210	60	70	157	52	60	64	70.3		1	60	2	95	15	Y	
AHU-B-2	GYM/ B WING ROOF	7,000	3,000	2.5	7.1	3035	5.2	5.7	PLUG	2	Y	7,000	2	4.7	2,625	3.4	3.8	PLUG	2	Y	256	205	78.6	64.5	52	52	70	61	70	62	52	60	23	70.8		1	24	2	95	15	Y	
AHU-C-1	SPINE/ B WING ROOF	6,000	1,100	2.5	7.1	2923	4.5	5.0	PLUG	2	Y	6,000	2	4.7	2,492	2.9	3.2	PLUG	2	Y	206	172	78	63.8	52	52	17	68	70	53	52	60	19	77.5		1	20	2	95	15	Y	
AHU-C-2	CAFETERIA/ B WING ROOF	13,000	8,000	2.5	7.1	2556	9.6	10.6	PLUG	2	Y	13,000	2	4.7	2,251	6.5	7.1	PLUG	2	Y	492	388	79.1	64.9	52	52	201	56	70	115	52	60	59	70		1	48	2	95	15	Y	
AHU-D-1	MEDIA CENTER/ D WING ROOF	6,000	3,300	2.5	7.1	2936	4.6	5.1	PLUG	2	Y	6,000	2	4.7	2,507	3.0	3.3	PLUG	2	Y	225	179	79	64.7	52	52	81	58	70	53	52	60	24	70		1	20	2	95	15	Y	
AHU-D-2	D WING LABS/ D WING ROOF	5,000	5,000	2.5			4.1	4.4	PLUG	2	Y										295	185	85.5	70.7	52	52	228	28	70	0	0	0	67	70		1	30	2	95	15	Y	

AIR HANDLING UNIT (CONTINUED)

EQUIPMENT NAME	SERVICE/ LOCATION	HEAT RECOVERY DEVICE																	OA AIR FILTERS		RETURN AIR FILTER MERV RATING	MAXIMUM SOUND POWER LEVELS (DB)																								ELECTRICAL						EMERGENCY POWER (Y/N)	OPERATING WEIGHT (LBS)	BASIS OF DESIGN		REMARKS
		SUMMER PERFORMANCE								WINTER PERFORMANCE													DISCHARGE								DUCTED INLET								CASING														
		OAT (°F)		SAT (°F)		RAT (°F)		EAT (°F)		OAT (°F)		SAT (°F)		RAT (°F)		EAT (°F)		HP	VFD (Y/N)	PRE MERV RATING	FINAL MERV RATING		63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000	V	Ø	HZ	FLA	MCA	MOCP			MANUFACTURER	MODEL	
		DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB																																			
AHU-A-1	AUDITORIUM/ A WING ROOF																		Y	10	15	10																								480	3	60	212	237	250	Y	14,200	ANNEXAIR	ERP-E-16-EW-HE-D-HR-ASP48.2 (TB)	ENERGY WHEEL
AHU-A-2	LGI /A WING ROOF																		Y	10	15	10																								480	3	60	71	79	80	Y	6,700	ANNEXAIR	ERP-E-03-EW02-HE-D-HR-ASP14.2	ENERGY WHEEL
AHU-B-1	GYM/ B WING ROOF																		Y	10	15	10																								480	3	60	253	278	300	Y	16,900	ANNEXAIR	ERP-E-20-EW16-HE-D-HR-ASP60.2	ENERGY WHEEL
AHU-B-2	GYM/ B WING ROOF																		Y	10	15	10																								480	3	60	102	114	125	Y	10,200	ANNEXAIR	ERP-E-07-EW05-HE-D-HR-ASP24.2	ENERGY WHEEL
AHU-C-1	SPINE/ B WING ROOF																		Y	10	15	10																								480	3	60	91	102	110	Y	8,000	ANNEXAIR	ERP-E-05-EW02-HE-D-HR-ASP20.2	ENERGY WHEEL
AHU-C-2	CAFETERIA/ B WING ROOF																		Y	10	15	10																								480	3	60	207	230	250	Y	14,200	ANNEXAIR	ERP-E-16-EW-HE-D-HR-ASP48.2	ENERGY WHEEL
AHU-D-1	MEDIA CENTER/ D WING ROOF																		Y	10	15	10																								480	3	60	98	110	110	Y	8,300	ANNEXAIR	ERP-E-05-EW-HE-D-HR-ASP20.2	ENERGY WHEEL
AHU-D-2	D WING LABS/ D WING ROOF																		Y	10	15	10																								480	3	60	147	174	175	Y	9,700	ANNEXAIR	ERP-E-05-HP-HE-D-HR-ASP30.4	HEAT PIPE

NOTES:
1. PROVIDE VARIABLE FREQUENCY DRIVE ON ENERGY RECOVERY WHEEL MOTOR.
2. FOR OUTDOOR UNITS PROVIDE ACOUSTICAL LOUVER ON EXHAUST AIR DISCHARGE OPENING.
3. PROVIDE FLEXIBLE CONNECTIONS AT UNIT SUPPLY AND RETURN DUCTWORK CONNECTIONS.
4. PROVIDE MOTORIZED ISOLATION DAMPERS ON SUPPLY AND RETURN OPENINGS IN UNITS.
5. ALL DUCTWORK AND PIPING RUNNING WITHIN ROOF CURBS TO BE PROVIDED WITH WEATHERPROOF INSULATION JACKET.
6. PROVIDE ROOF CURB FOR SLOPED ROOF. HEIGHT TO BE 24" ABOVE FINISHED ROOF INSULATION.
7. WINTER EXHAUST LEAVING AIR TEMPERATURE AFTER ENERGY RECOVERY WHEEL TO BE MAINTAINED AT MIN 22 DEG F DB AND AFTER ENERGY RECOVERY HEAT PIPE TO BE MAINTAINED AT MIN 36 DEG F DB
8. PROVIDE INDIVIDUAL VFD FOR EACH SUPPLY AND EACH RETURN EXHAUST FAN.
9. PROVIDE INDIVIDUAL MOTORIZED ISOLATION DAMPER FOR EACH SUPPLY AND EACH RETURN EXHAUST FAN.
10. HEATING COILS ARE SIZED IN THE EVENT OF ENERGY RECOVERY WHEEL FAILURE.
11. PROVIDE PERFORATED LINERS IN ALL FAN SECTIONS.
12. ALL UNITS WITH MIN OA LESS THAN 45% SHALL HAVE SEPARATE MIN OA MOTORIZED DAMPERS.
13. FOR UNITS WITH ENTHALPY WHEELS, EXHAUST FANS NEED TO ACCOUNT FOR WHEEL PURGE AIR FLOW
14. PROVIDE SMOKE DAMPERS ON SUPPLY AND RETURN DUCT CONNECTIONS FOR ALL UNITS WITH AIRFLOW GREATER THAN 15,000 CFM.

MAKE-UP AIR UNIT

EQUIPMENT NAME	SERVICE/ LOCATION	SUPPLY FAN								HEATING COIL					FILTER	ELECTRICAL						EMERGENCY POWER (Y/N)	OPERATING WEIGHT (LBS)	BASIS OF DESIGN		REMARKS
		TOTAL CFM	ESP (IN WG)	TSP (IN WG)	RPM	BHP	HP	FAN QTY	VFD (Y/N)	TOTAL CAPACITY KW (MBH)	EAT (°F)	LAT (°F)	TYPE	CAPACITY CONTROL	MERV RATING	MCA	MOCP	V	Ø	HZ			MANUFACTURER	MODEL	
MAU-1	KITCHEN - B WING ROOF	4,800																					GREENHECK	P122-H22-D1	
MAU-2	CULINARY ARTS - D WING ROOF	4,800																					GREENHECK	P122-H22-D1	

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com

SMMA

CONSULTANTS:

SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	JAS
REVISIONS:	

DD SET

M601

FAN COIL UNIT (VRF) CONTINUED

EQUIPMENT NAME	SERVICE/ LOCATION	ASSOCIATED BC CONTROLLER	ASSOCIATED OUTDOOR UNIT	CAPACITY (BTU/HR)			MAXIMUM CFM	REFRIGERANT	ELECTRICAL					EMERGENCY POWER (Y/N)	BASIS OF DESIGN		REMARKS
				COOLING	SENSIBLE	HEATING			V	Ø	HZ	MCA	MOCP		MANUFACTURER	MODEL	
FCU-E-1-2							0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-E-2-17							0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-E-1-1																	
FCU-E-1-1		BC-E-1-1	ACCU-E-1-1	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-3		BC-E-1-1	ACCU-E-1-1	10.8	8.2	10.6	371	R410A	208	1	60			Y	MITSUBISHI	PEFY-P12NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-4		BC-E-1-1	ACCU-E-1-1	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-5		BC-E-1-1	ACCU-E-1-1	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-18		BC-E-1-1	ACCU-E-1-1	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-22		BC-E-1-1	ACCU-E-1-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-E-1-2																	
FCU-E-1-6		BC-E-1-2	ACCU-E-1-2	21.6	18.8	22.0	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P24NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-7		BC-E-1-2	ACCU-E-1-2	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-8		BC-E-1-2	ACCU-E-1-2	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-23		BC-E-1-2	ACCU-E-1-2				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-E-1-3																	
FCU-E-1-9		BC-E-1-3	ACCU-E-1-3	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-10		BC-E-1-3	ACCU-E-1-3	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-11		BC-E-1-3	ACCU-E-1-3	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-24		BC-E-1-3	ACCU-E-1-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-E-1-4																	
FCU-E-1-12		BC-E-1-4	ACCU-E-1-4	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-13		BC-E-1-4	ACCU-E-1-4	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-14		BC-E-1-4	ACCU-E-1-4	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-15		BC-E-1-4	ACCU-E-1-4	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-16		BC-E-1-4	ACCU-E-1-4	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-17		BC-E-1-4	ACCU-E-1-4	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-1-19		BC-E-1-4	ACCU-E-1-4				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P06NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-E-1-20		BC-E-1-4	ACCU-E-1-4				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P06NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-E-1-21		BC-E-1-4	ACCU-E-1-4				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-E-2-1																	
FCU-E-2-1		BC-E-2-1	ACCU-E-2-1	21.6	18.8	22.0	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P24NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-2		BC-E-2-1	ACCU-E-2-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-E-2-3		BC-E-2-1	ACCU-E-2-1	10.8	8.2	10.6	371	R410A	208	1	60			Y	MITSUBISHI	PEFY-P12NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-4		BC-E-2-1	ACCU-E-2-1	21.6	18.8	22.0	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P24NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-18		BC-E-2-1	ACCU-E-2-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-E-2-2																	
FCU-E-2-5		BC-E-2-2	ACCU-E-2-2	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-6		BC-E-2-2	ACCU-E-2-2	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-7		BC-E-2-2	ACCU-E-2-2	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-8		BC-E-2-2	ACCU-E-2-2	26.6	21.0	23.7	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P30NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-19		BC-E-2-2	ACCU-E-2-2				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-E-2-3																	
FCU-E-2-9		BC-E-2-3	ACCU-E-2-3	16.0	13.3	13.9	600	R410A	208	1	60			Y	MITSUBISHI	PEFY-P18NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-10		BC-E-2-3	ACCU-E-2-3	21.6	18.8	22.0	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P24NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-11		BC-E-2-3	ACCU-E-2-3	21.6	18.8	22.0	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P24NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-12		BC-E-2-3	ACCU-E-2-3	21.6	18.8	22.0	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P24NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-20		BC-E-2-3	ACCU-E-2-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-E-2-4																	
FCU-E-2-13		BC-E-2-4	ACCU-E-2-4	21.6	18.8	22.0	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P24NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-14		BC-E-2-4	ACCU-E-2-4	21.6	18.8	22.0	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P24NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-15		BC-E-2-4	ACCU-E-2-4	26.6	21.0	23.7	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P30NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-16		BC-E-2-4	ACCU-E-2-4	32.4	27.9	34.7	1271	R410A	208	1	60			Y	MITSUBISHI	PEFY-P36NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-E-2-21		BC-E-2-4	ACCU-E-2-4				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.

BRANCH CONTROLLER (VRF)

EQUIPMENT NAME	SERVICE/ LOCATION	REFRIGERANT	MAX CONNECTED UNITS	ELECTRICAL					EMERGENCY POWER (Y/N)	OPERATING WEIGHT	BASIS OF DESIGN		REMARKS
				V	Ø	HZ	MCA	MOCP			MANUFACTURER	MODEL	
BC-A-1				208	1	60			Y		MITSUBISHI	CMB-P108NU-JA1	8 BRANCH TYPE.
BC-A-2				208	1	60			Y		MITSUBISHI	CMB-P108NU-JA1	8 BRANCH TYPE.
BC-A-3				208	1	60			Y		MITSUBISHI	CMB-P108NU-JA1	8 BRANCH TYPE.
BC-A-4				208	1	60			Y		MITSUBISHI		
BC-A-5				208	1	60			Y		MITSUBISHI		
BC-B-1				208	1	60			Y		MITSUBISHI	CMB-P108NU-JA1	8 BRANCH TYPE.
BC-B-2				208	1	60			Y		MITSUBISHI	CMB-P108NU-JA1	8 BRANCH TYPE.
BC-B-3				208	1	60			Y		MITSUBISHI		
BC-B-4				208	1	60			Y		MITSUBISHI	CMB-P106NU-J1	6 BRANCH TYPE.
BC-C-1				208	1	60			Y		MITSUBISHI		
BC-D-1				208	1	60			Y		MITSUBISHI	CMB-P106NU-J1	6 BRANCH TYPE.
BC-D-2				208	1	60			Y		MITSUBISHI	CMB-P106NU-J1	6 BRANCH TYPE.
BC-D-3				208	1	60			Y		MITSUBISHI		
BC-D-4				208	1	60			Y		MITSUBISHI	CMB-P106NU-J1	6 BRANCH TYPE.
BC-D-5				208	1	60			Y		MITSUBISHI	CMB-P106NU-J1	6 BRANCH TYPE.
BC-D-6				208	1	60			Y		MITSUBISHI	CMB-P106NU-J1	6 BRANCH TYPE.
BC-D-7				208	1	60			Y		MITSUBISHI	CMB-P108NU-JA1	8 BRANCH TYPE.
BC-D-8				208	1	60			Y		MITSUBISHI		
BC-E-1				208	1	60			Y		MITSUBISHI	CMB-P108NU-JA1	8 BRANCH TYPE.
BC-E-2				208	1	60			Y		MITSUBISHI		
BC-E-3				208	1	60			Y		MITSUBISHI	CMB-P106NU-J1	6 BRANCH TYPE.
BC-E-4				208	1	60			Y		MITSUBISHI	CMB-P108NU-JA1	8 BRANCH TYPE.
BC-E-5				208	1	60			Y		MITSUBISHI	CMB-P108NU-JA1	8 BRANCH TYPE.
BC-E-6				208	1	60			Y		MITSUBISHI		
BC-E-7				208	1	60			Y		MITSUBISHI	CMB-P106NU-J1	6 BRANCH TYPE.
BC-E-8				208	1	60			Y		MITSUBISHI	CMB-P106NU-J1	6 BRANCH TYPE.

AIR COOLED CONDENSER (VRF)

EQUIPMENT NAME	SERVICE/ LOCATION	TOTAL CAPACITY (BTU/HR)		AIR COOLED CONDENSER ELECTRICAL				SEER	REFRIGERANT	BC CONTROLLER		ELECTRICAL			EMERGENCY POWER (Y/N)	OPERATING WEIGHT	BASIS OF DESIGN		REMARKS
		COOLING	HEATING	V	Ø	HZ	MCA	MOCP		ASSOCIATED BC CONTROLLER	MODEL	V	Ø	HZ			MANUFACTURER	MODEL	
ACCU-A-1	A WING / ROOF	89.9	97.9	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-A-2	A WING / ROOF	109	121.5	460	3	60	19	30		R410A					Y		MITSUBISHI	PURY-EP120YNU-A	
ACCU-A-3	A WING / ROOF	85.3	92.8	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-A-4	A WING / ROOF	61.3	65.8	460	3	60	10	15		R410A					Y		MITSUBISHI	PURY-EP72YNU-A	
ACCU-A-5	A WING / ROOF	157	145.5	460	3	60	26	40		R410A					Y		MITSUBISHI	PURY-EP168YNU-A	
ACCU-B-1	B WING / ROOF	92.8	97.5	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-B-2	B WING / ROOF	48	54	460	3	60	10	15		R410A					Y		MITSUBISHI	PURY-EP72YNU-A	
ACCU-B-3	B WING / ROOF	68.4	73.1	460	3	60	10	15		R410A					Y		MITSUBISHI	PURY-EP72YNU-A	
ACCU-B-4	B WING / ROOF	114.5	114	460	3	60	19	30		R410A					Y		MITSUBISHI	PURY-EP120YNU-A	
ACCU-C-1	C WING / ROOF	32	36	460	3	60	10	15		R410A					Y		MITSUBISHI	PURY-EP72YNU-A	
ACCU-D-1	D WING / ROOF	86.4	87.2	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-D-2	D WING / ROOF	86.4	88	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-D-3	D WING / ROOF	86.4	88	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-D-4	D WING / ROOF	96.3	91.6	460	3	60	19	30		R410A					Y		MITSUBISHI	PURY-EP120YNU-A	
ACCU-D-5	D WING / ROOF	96	96.8	460	3	60	19	30		R410A					Y		MITSUBISHI	PURY-EP120YNU-A	
ACCU-D-6	D WING / ROOF	88.9	91.8	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-D-7	D WING / ROOF	86.4	88	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-D-8	D WING / ROOF	83.2	84.9	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-E-1	E WING / ROOF	91.6	93.9	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	
ACCU-E-2	E WING / ROOF	118.8	126.1	460	3	60	19	30		R410A					Y		MITSUBISHI	PURY-EP120YNU-A	
ACCU-E-3	E WING / ROOF	162	173.5	460	3	60	26	40		R410A					Y		MITSUBISHI	PURY-EP168YNU-A	
ACCU-E-4	E WING / ROOF	162	173.5	460	3	60	26	40		R410A					Y		MITSUBISHI	PURY-EP168YNU-A	
ACCU-E-5	E WING / ROOF	64.8	65.2	460	3	60	10	15		R410A					Y		MITSUBISHI	PURY-EP72YNU-A	
ACCU-E-6	E WING / ROOF	113	115.1	460	3	60	19	30		R410A					Y		MITSUBISHI	PURY-EP120YNU-A	
ACCU-E-7	E WING / ROOF	102.4	101.9	460	3	60	19	30		R410A					Y		MITSUBISHI	PURY-EP120YNU-A	
ACCU-E-8	E WING ROOF	91.4	89.7	460	3	60	14	20		R410A					Y		MITSUBISHI	PURY-EP96YNU-A	

FAN

EQUIPMENT NAME	SERVICE/ LOCATION	AIRFLOW (CFM)	ESP (IN WG)	ELECTRICAL							TYPE	DRIVE	ROOF OPENING (IN)	VFD (Y/N)	EMERGENCY POWER (Y/N)	OPERATING WEIGHT	BASIS OF DESIGN		REMARKS
				BHP	HP	FRPM	V	Ø	HZ								MANUFACTURER	MODEL	
EF-A-1	KILN/ A WING ROOF	1000															GREENHECK	VECTOR-H	
EF-B-1	KITCHEN HOOD/ B WING ROOF	6000															GREENHECK	CUE	
EF-B-2	DISHWASHER/ B WING ROOF	6000															GREENHECK	CUE	
EF-B-5	B110 WATER RM/ B WING ROOF	0															GREENHECK	G	
EF-D-1	CULINARY HOOD/ D WING ROOF	7000															GREENHECK	CUE	
EF-D-3	STAIRS 3202/ D WING ROOF	500															GREENHECK	G	
EF-E-1	STAIRS 5204/ E WING ROOF	500															GREENHECK	G	
EF-E-2	STEM E212	1000															GREENHECK	G	
EF-E-3	PRINTING E129A	1000															GREENHECK	G	
EF-E-4	PREP RM	1000															GREENHECK	G	

NOTES:
1. EF-B-3, EF-B-4, EF-D-2, TJERNLUND IN LINE FAN MODEL LB2, 160CFM.
2. EF-D-4A & EF-D-4B; MK PLASTICS AXUET PLENUM DILUTION EXHAUST FANS.

FAN COIL UNIT (VRF)

EQUIPMENT NAME	SERVICE/ LOCATION	ASSOCIATED BC CONTROLLER	ASSOCIATED OUTDOOR UNIT	CAPACITY (BTU/HR)			MAXIMUM CFM	REFRIGERANT	ELECTRICAL					EMERGENCY POWER (Y/N)	BASIS OF DESIGN		REMARKS
				COOLING	SENSIBLE	HEATING			V	Ø	HZ	MCA	MOCP		MANUFACTURER	MODEL	
FCU-							0	R410A	208	1	60				MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-							0	R410A	208	1	60				MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-							0	R410A	208	1	60				MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-A-1																	
FCU-A-1		BC-A-1	ACCU-A-1	10.8	8.2	9	371	R410A	208	1	60			Y	MITSUBISHI	PEFY-P12NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-A-2		BC-A-1	ACCU-A-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-3		BC-A-1	ACCU-A-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-4		BC-A-1	ACCU-A-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-5		BC-A-1	ACCU-A-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-6		BC-A-1	ACCU-A-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-7		BC-A-1	ACCU-A-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-46		BC-A-1	ACCU-A-1				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-A-2																	
FCU-A-8		BC-A-2	ACCU-A-2	7.1	6.3	6.3	300	R410A	208	1	60			Y	MITSUBISHI	PEFY-P08NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-A-9		BC-A-2	ACCU-A-2				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-10		BC-A-2	ACCU-A-2				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-11		BC-A-2	ACCU-A-2				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-12		BC-A-2	ACCU-A-2				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-13		BC-A-2	ACCU-A-2				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-14		BC-A-2	ACCU-A-2				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-15		BC-A-2	ACCU-A-2				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-A-3																	
FCU-A-16		BC-A-3	ACCU-A-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-17		BC-A-3	ACCU-A-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-18		BC-A-3	ACCU-A-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-19		BC-A-3	ACCU-A-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-20		BC-A-3	ACCU-A-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-21		BC-A-3	ACCU-A-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-44		BC-A-3	ACCU-A-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-45		BC-A-3	ACCU-A-3				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-A-4																	
FCU-A-22		BC-A-4	ACCU-A-4	13.3	11.1	11.8	494	R410A	208	1	60			Y	MITSUBISHI	PEFY-P15NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-A-23		BC-A-4	ACCU-A-4				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-24		BC-A-4	ACCU-A-4				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-25		BC-A-4	ACCU-A-4				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-26		BC-A-4	ACCU-A-4				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-39		BC-A-4	ACCU-A-4	13.3	11.1	11.8	494	R410A	208	1	60			Y	MITSUBISHI	PEFY-P15NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-A-43		BC-A-4	ACCU-A-4				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
ACCU-A-5																	
FCU-A-27		BC-A-5	ACCU-A-5				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-28		BC-A-5	ACCU-A-5				0	R410A	208	1	60			Y	MITSUBISHI	PLFY-P12NFMU-E	2'x2' CEILING CASSETTE TYPE.
FCU-A-29		BC-A-5	ACCU-A-5	26.6	21.0	23.7	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P30NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-A-30		BC-A-5	ACCU-A-5	26.6	21.0	23.7	883	R410A	208	1	60			Y	MITSUBISHI	PEFY-P30NMAU-E4	MEDIUM STATIC, DUCTED, CEILING CONCEALED TYPE.
FCU-A-36		BC-A-5	ACCU-A-5	42.7

VARIABLE AIR VOLUME BOX - EXHAUST

EQUIPMENT NAME	PRIMARY AIRFLOW (CFM)		INLET SIZE (IN)	MAX STATIC PD (IN WG)	MAX RADIATED NC (1.0 IN WG)	MAX DISCHARGE NC (1.0 IN WG)	MANUFACTURER - MODEL	MANUFACTURER - MODEL	MANUFACTURER - MODEL	REMARKS
	MAX	MIN								
EVAV-	0		10	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		10	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		10	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		10	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		10	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		10	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		8	1.0	21	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		8	1.0	21	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		6	1.0	20	22	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		16	1.0	22	24	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		16	1.0	22	24	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		16	1.0	22	24	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		16	1.0	22	24	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		12	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		12	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		16	1.0	22	24	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		16	1.0	22	24	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		14	1.0	20	21	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		10	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		6	1.0	20	22	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		6	1.0	20	22	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		8	1.0	20	22	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		20x18	1.0	20	21	TITUS-DEXV	PRICE-SDEQ	NAILOR-D30X	
EVAV-	0		20x18	1.0	20	21	TITUS-DEXV	PRICE-SDEQ	NAILOR-D30X	
EVAV-	0		24x18	1.0	22	24	TITUS-DEXV	PRICE-SDEQ	NAILOR-D30X	
EVAV-	0		10	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		12	1.0	20	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		8	1.0	21	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		8	1.0	21	20	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		6	1.0	20	22	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	
EVAV-	0		16	1.0	22	24	TITUS - DEXV	PRICE - SDEQ	NAILOR - D30X	

VARIABLE AIR VOLUME BOX

EQUIPMENT NAME	SERVICE/LOCATION	PRIMARY AIRFLOW (CFM)		INLET SIZE (IN)	MAX STATIC PD (IN WG)	MAX RADIATED NC (1.0 IN WG)	MAX DISCHARGE NC (1.0 IN WG)	ELECTRIC COIL				ELECTRICAL			MANUFACTURER - MODEL	REMARKS
		MAX	MIN					TOTAL CAPACITY		STEPS	EAT (°F)	LAT (°F)	V	Ø	HZ	
								MBH	KW							
VAV		0		8	1.0	20	27	0.0	0	SCR			460	3	60	NAILOR - D30RE
VAV		0		10	1.0	20	24	0.0	0	SCR			460	3	60	NAILOR - D30RE
VAV		0		8	1.0	20	27	0.0	0	SCR			460	3	60	NAILOR - D30RE
VAV		0		10	1.0	20	24	0.0	0	SCR			460	3	60	NAILOR - D30RE
VAV		0		10	1.0	20	24	0.0	0	SCR			460	3	60	NAILOR - D30RE

CABINET UNIT HEATER (ELECTRIC)

EQUIPMENT NAME	SERVICE/ LOCATION	AIRFLOW	HEATING CAPACITY		ELECTRICAL			OPERATING WEIGHT	BASIS OF DESIGN		REMARKS
			kW	MBH	V	Ø	HZ		MANUFACTURER	MODEL	
CUH-		0							MARLEY	CUH935	
CUH-		0							MARLEY	CUH935	
CUH-		0							MARLEY	CUH935	
CUH-		0							Marley Engineered Products	SSAR4808	
CUH-B-1		0							MARLEY	CUH935	
CUH-C-1		0							MARLEY	CUH935	
CUH-C-2		0							MARLEY	CUH935	
CUH-C-3		0							MARLEY	CUH935	
CUH-C-4		0							MARLEY	CUH935	
CUH-E-1		0							MARLEY	CUH935	

REGISTER, GRILLE, & DIFFUSER

Equipment Tag Name	Equipment Tag Number	EQUIPMENT NAME	AIRFLOW RANGE (CFM)	TYPE	INLET SIZE (IN)	FACE SIZE (IN)	MATERIAL	MAX PD (IN WG)	MAX NC	BASIS OF DESIGN		REMARKS
										MANUFACTURER	MODEL	
TG	1	TG-1	0-1500	EGGCRATE GRILLE	22"x22"	24x24	ALUMINUM	0.04	16	NAILOR	51EC	
S	1	S-1	0-125	SQUARE SUPPLY CEILING DIFFUSER	8"ø	24"x24"	STEEL	0.04	14	NAILOR	6500IV	
S	2	S-2	126-225	SQUARE SUPPLY CEILING DIFFUSER	10"ø	24"x24"	STEEL	0.04	14	NAILOR	6500IV	
S	3	S-3	126-225	SQUARE RADIAL SUPPLY CEILING DIFFUSER	10"ø	24"x24"	STEEL	0.04	14	NAILOR	6500IV	
S	4	S-4	226-350	SQUARE SUPPLY CEILING DIFFUSER	12"ø	24"x24"	STEEL	0.04	15	NAILOR	6500IV	
S	5	S-5	351-450	SQUARE SUPPLY CEILING DIFFUSER	14"ø	24"x24"	STEEL	0.04	16	NAILOR	6500IV	
S	6	S-6	176-400	SIDEWALL SUPPY GRILLE	10"x6"	12"x8"	STEEL		24	NAILOR	610H	
S	7	S-7	126-300	SIDEWALL SUPPY GRILLE	12"x6"	14"x8"	STEEL		24	NAILOR	610H	
S	8	S-8	176-400	SIDEWALL SUPPY GRILLE	12"x8"	14"x10"	STEEL		24	NAILOR	610H	
S	9	S-9	270-550	SIDEWALL SUPPY GRILLE	14"x10"	16"x12"	STEEL		24	NAILOR	610H	
S	10	S-10	176-400	SIDEWALL SUPPY GRILLE	16"x8"	18"x10"	STEEL		24	NAILOR	610H	
S	11	S-11	340-700	SIDEWALL SUPPY GRILLE	18"x8"	20"x10"	STEEL		24	NAILOR	610H	
S	12	S-12	340-700	SPIRAL DUCT MOUNTED SUPPY GRILLE	18"x8"	20"x10"	STEEL		24	NAILOR	610VC	
S	13	S-13	201-300	LINEAR SLOT SUPPLY DIFFUSER	12"ø	48"Lx6"W	STEEL	0.07	25	NAILOR	5010	(4) 1" SLOT, PROVIDE INSULATED PLENUM 5310(I)
S	14	S-14	640-1840	LINEAR BAR SUPPLY GRILLE	96"x6"	98"5"	STEEL		30	NAILOR	49-480	LINEAR BAR GRILLE
S	15	S-15	800-2300	LINEAR BAR SUPPLY GRILLE	120"x6"	122"x8"	STEEL		30	NAILOR	49-480	LINEAR BAR GRILL
S	16	S-16	1600-4600	LINEAR BAR SUPPLY GRILLE	240"x6"	242"x8"	STEEL		30	NAILOR	49-480	LINEAR BAR GRILLE
S	17	S-17	2080-5980	LINEAR BAR SUPPLY GRILLE	312"x6"	314"x8"	STEEL		30	NAILOR	49-480	LINEAR BAR GRILLE
S	18	S-18	2400-6900	LINEAR BAR SUPPLY GRILLE	360"x6"	362"x8"	STEEL		30	NAILOR	49-480	LINEAR BAR GRILLE
R	2	R-2	1760-5060	LINEAR BAR RETURN GRILLE	264"x6"	266"x8"	STEEL		30	NAILOR	49-480	
R	3	R-3	2080-5980	LINEAR BAR RETURN GRILLE	312"x6"	314"x8"	STEEL		30	NAILOR	49-480	
E	1	E-1	0-100	CEILING EXHAUST GRILLE	8"x8"	24"x24"	STEEL	0.06	20	NAILOR	6145FH	
E	2	E-2	151-250	CEILING EXHAUST GRILLE	10"x10"	24"x24"	STEEL	0.06	20	NAILOR	6145FH	
E	3	E-3	151-250	CEILING EXHAUST GRILLE	10"x10"	24"x24"	ALUMINUM	0.06	20	NAILOR	5145FH	
E	4	E-4	251-350	CEILING EXHAUST GRILLE	12"x12"	24"x24"	STEEL	0.06	20	NAILOR	6145FH	
E	5	E-5	486-700	CEILING EXHAUST GRILLE	16"x16"	24"x24"	STEEL	0.06	20	NAILOR	6145FH	

UNIT HEATER

EQUIPMENT NAME	SERVICE/ LOCATION	AIRFLOW	HEATING CAPACITY		ELECTRICAL			OPERATING WEIGHT	BASIS OF DESIGN		REMARKS
			kW	MBH	V	Ø	HZ		MANUFACTURER	MODEL	
UH-CN-1		0	7.5		208			50	MARLEY	MUH-07-8	
UH-CN-2		0	7.5		208			50	MARLEY	MUH-07-8	
UH-CN-3		0	7.5		208			50	MARLEY	MUH-07-8	
UH-CN-4		0	7.5		208			50	MARLEY	MUH-07-8	
UH-CN-5		0	7.5		208			50	MARLEY	MUH-07-8	
UH-CN-6		0	7.5		208			50	MARLEY	MUH-07-8	
UH-CN-7		0	7.5		208			50	MARLEY	MUH-07-8	
UH-CN-8		0	5		208				MARLEY	CDF558	
UH-CN-9		0	5		208				MARLEY	CDF558	
UH-CN-10		0	5		208				MARLEY	CDF558	

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	JAS
REVISIONS:	

DD SET

M603

AIR DOOR CURTAIN

EQUIPMENT NAME	SERVICE/ LOCATION	DOOR DIMENSIONS		AIR DATA		ELECTRIC COIL	MOTOR	ELECTRICAL			OPERATING WEIGHT	BASIS OF DESIGN		REMARKS
		WIDTH (IN)	HEIGHT (IN)	AIRFLOW (CFM)	TEMP. RISE (°F)	KW	HP	V	Ø	HZ		MANUFACTURER	MODEL	
AD-B-1				0		28						BERNER	IDC12	
AD-C-1				0		28						BERNER	IDC12	

SUPPLY AIR VALVE

EQUIPMENT NAME	SERVICE/LOCATION	PRIMARY AIRFLOW (CFM)		INLET SIZE (IN)	OPERATING PRESSURE RANGE (IN W.G.)	ELECTRIC REHEAT COIL					ELECTRICAL			MANUFACTURER	MODEL	REMARKS
		MIN	MAX			TOTAL CAPACITY MBH	KW	STEPS	TEMPERATURE RISE (°F)	LAT (°F)	V	Ø	HZ			

EXHAUST AIR VALVE

EQUIPMENT NAME	SERVICE/LOCATION	VALVE AIRFLOW RANGE(CFM)		INLET SIZE (IN)	OPERATING PRESSURE RANGE (IN W.G)	MANUFACTURER	MODEL	REMARKS
		MAX	MIN					

SOUND ATTENUATOR

EQUIPMENT NAME	SERVICE/ LOCATION	AIRFLOW (CFM)	TYPE	FLOW DIRECTION	ATTENUATOR SIZE (IN)			MAX PD (IN WG)	DYNAMIC INSERTION LOSS (dB)								FACE VELOCITY (FPM)	OPERATING WEIGHT (LBS)	BASIS OF DESIGN		REMARKS
					WIDTH	HEIGHT	LENGTH		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz			MANUFACTURER	MODEL	

AIR COOLED CONDENSER (SPLIT SYSTEM)

EQUIPMENT NAME	SERVICE/ LOCATION	ELECTRICAL					SEER	REFRIGERANT	EMERGENCY POWER (Y/N)	OPERATING WEIGHT	BASIS OF DESIGN		REMARKS
		V	Ø	HZ	MCA	MOCP					MANUFACTURER	MODEL	
ACC-A-1		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-A-2		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-A-3		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-A-4		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-B-1		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-C-1		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-C-2		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-C-3		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-D-1-1		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-D-1-2		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-D-2-1		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-D-2-2		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-E-1-1		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-E-2-1		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	
ACC-E-2-2		208	1	60	19	26	21.2	R410A		180	MITSUBISHI	PUY-A24NHA7	

AIR CONDITIONING UNIT (SPLIT SYSTEM)

EQUIPMENT NAME	SERVICE/ LOCATION	TOTAL CAPACITY (BTU/H)		AIRFLOW (CFM)		FILTER	REFRIGERANT	OPERATING WEIGHT (LBS)	BASIS OF DESIGN		REMARKS
		COOLING	HEATING	SUPPLY AIR	OUTDOOR AIR				MANUFACTURER	MODEL	
ACU-A-1				0					MITSUBISHI	PKA-A36KA4	
ACU-A-2				0					MITSUBISHI	PKA-A36KA4	
ACU-A-3				0					MITSUBISHI	PKA-A36KA4	
ACU-A-4				0					MITSUBISHI	PKA-A36KA4	
ACU-B-1				0					MITSUBISHI	PKA-A36KA4	
ACU-C-1				0					MITSUBISHI	PKA-A36KA4	
ACU-C-2				0					MITSUBISHI	PKA-A36KA4	
ACU-C-3				0					MITSUBISHI	PKA-A36KA4	
ACU-D-1-1				0					MITSUBISHI	PKA-A36KA4	
ACU-D-1-2				0					MITSUBISHI	PKA-A36KA4	
ACU-D-2-1				0					MITSUBISHI	PKA-A36KA4	
ACU-D-2-2				0					MITSUBISHI	PKA-A36KA4	
ACU-E-1-1				0					MITSUBISHI	PKA-A36KA4	
ACU-E-1-?				0					MITSUBISHI	PKA-A36KA4	
ACU-E-2-1				0					MITSUBISHI	PKA-A36KA4	
ACU-E-2-2				0					MITSUBISHI	PKA-A36KA4	

RELIEF HOOD

SERVICE/ LOCATION	AIRFLOW (CFM)	PD (IN WG)	THROAT SIZE (IN)	CURB CAP (IN)	HOOD SIZE (IN)	BASIS OF DESIGN		REMARKS
						MANUFACTURER	MODEL	

FINNED TUBE RADIATION

SERVICE/ LOCATION	CAPACITY		ENCLOSURE			ELECTRICAL			BASIS OF DESIGN		REMARKS
	BTU/LF	W/LF	HEIGHT (IN)	DEPTH (IN)	MOUNTING HEIGHT (IN)	V	Ø	HZ	MANUFACTURER	MODEL	

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

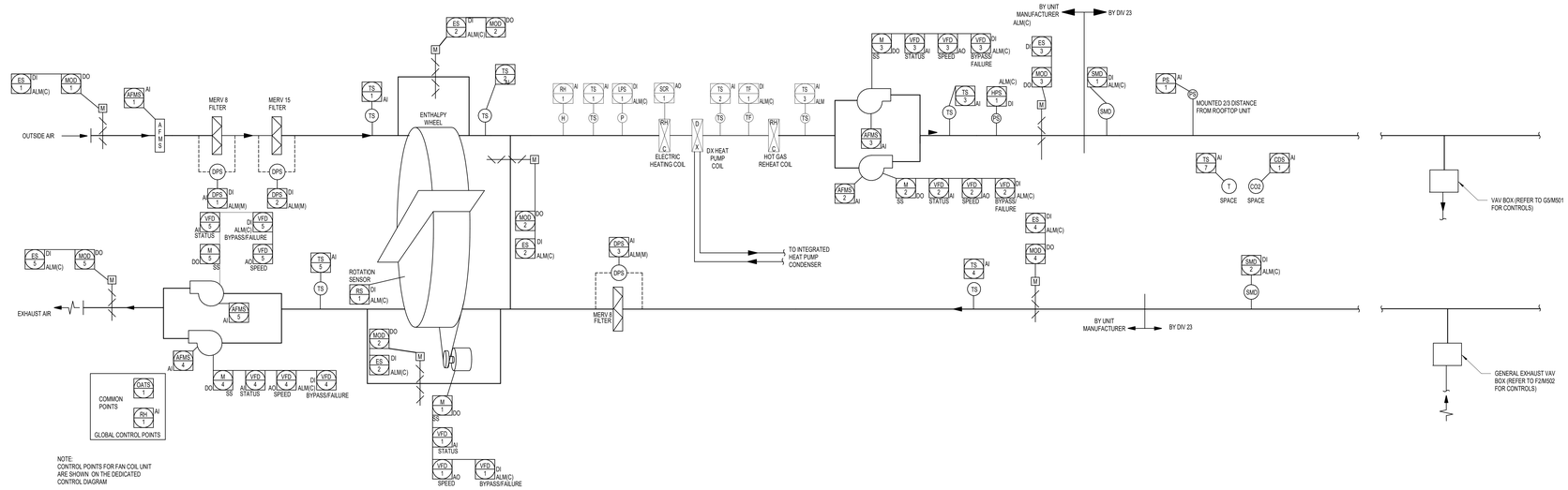
SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

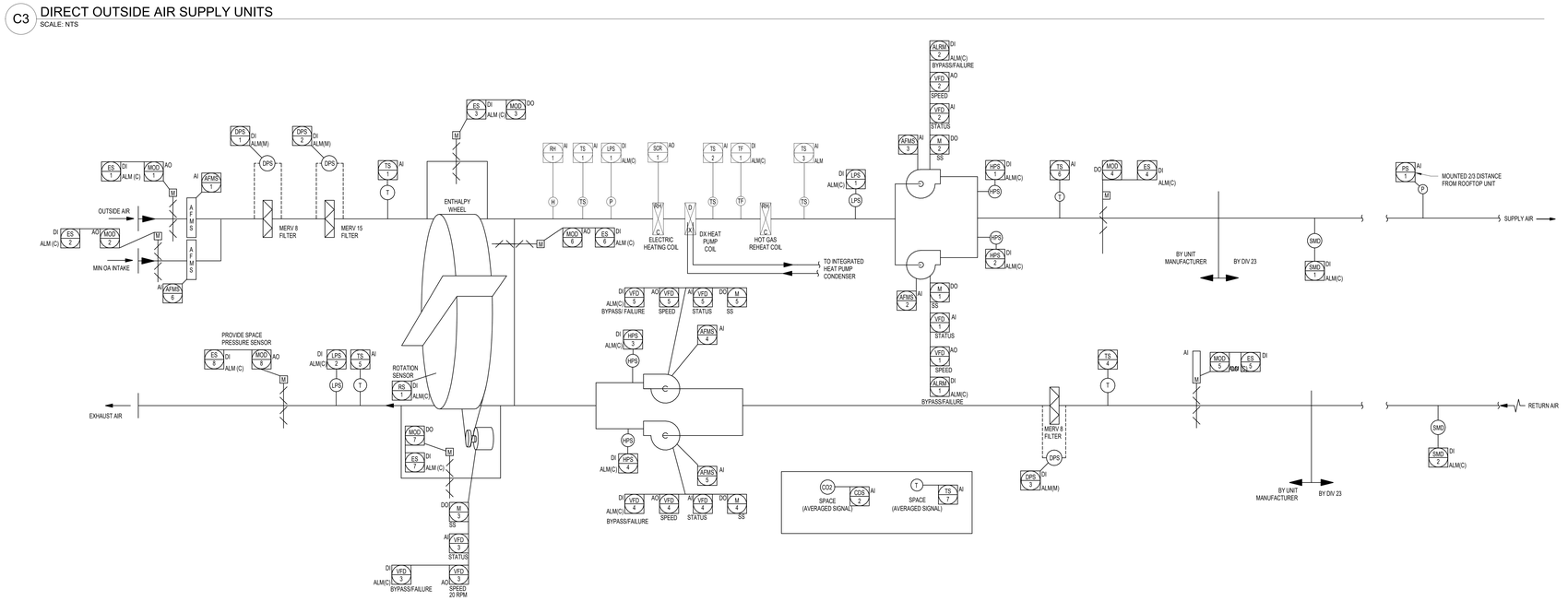
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	JAS
REVISIONS:	

DD SET

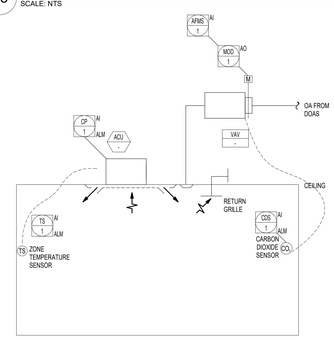
M604



C3 DIRECT OUTSIDE AIR SUPPLY UNITS
SCALE: NTS

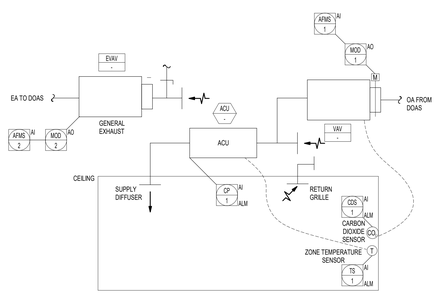


F3 AIR HANDLING UNITS
SCALE: NTS



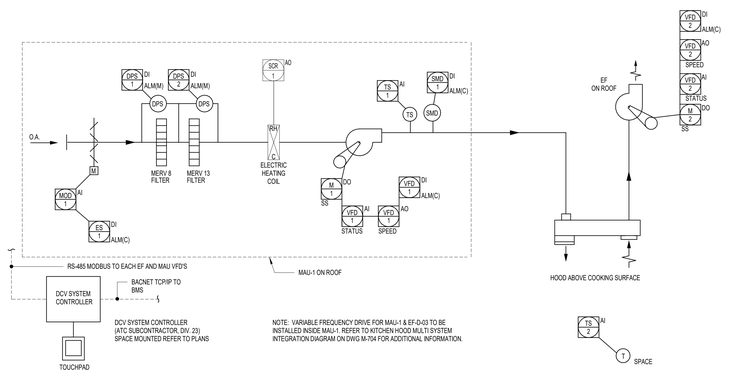
NOTE: BMS SHALL INTERFACE WITH VRF CONTROL SYSTEM VIA BACNET INTERFACE FOR MONITORING AND CONTROL.

4 TYPICAL VRF CASSETTE UNIT W/ VAV
SCALE: NTS



NOTE: BMS SHALL INTERFACE WITH VRF CONTROL SYSTEM VIA BACNET INTERFACE FOR MONITORING AND CONTROL.

G5 VRF DUCTED UNIT W/ VAV
SCALE: NTS



3 MAKEUP AIR UNIT MAU & EXHAUST FAN EF
SCALE: NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

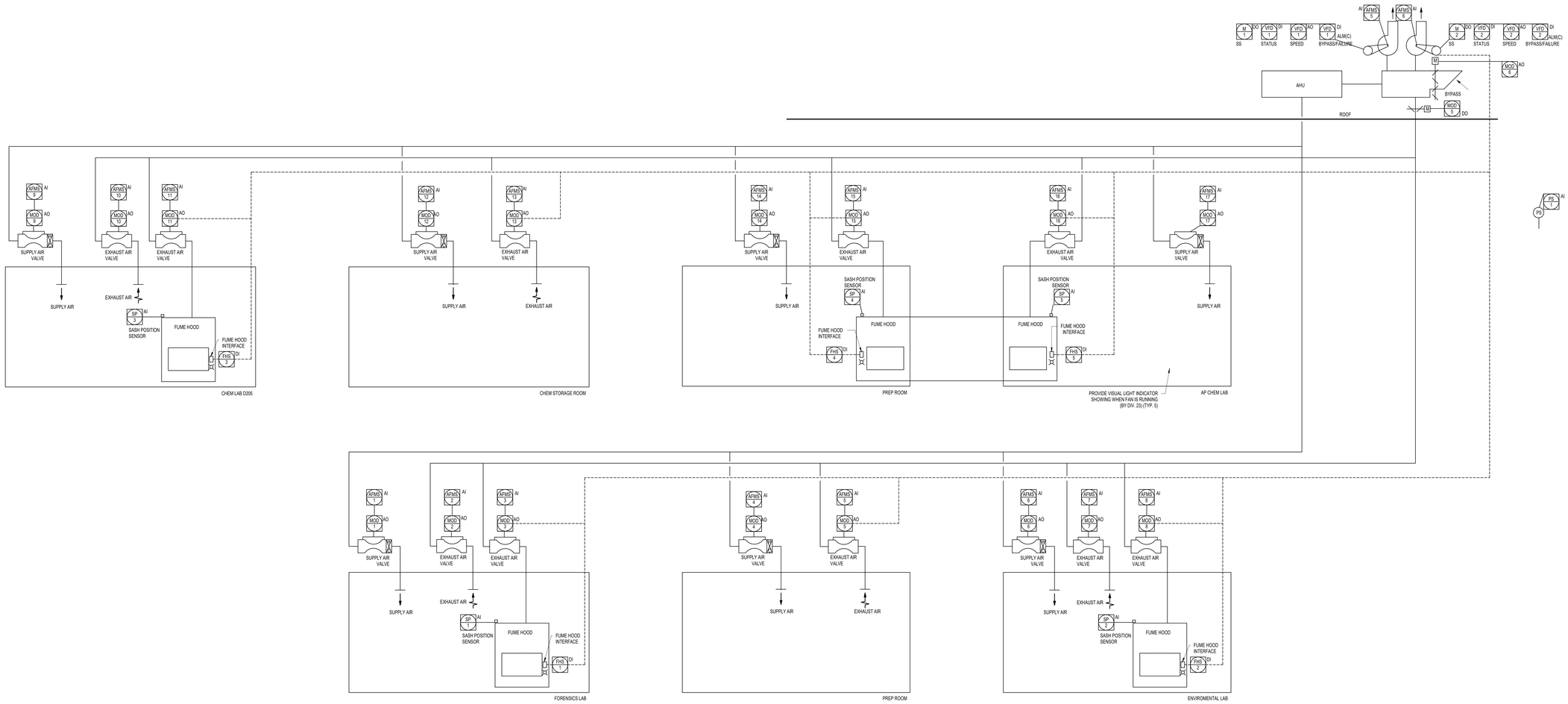
CONTROL DIAGRAMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	JAS
REVISIONS:	

DD SET

M701



E1 FUME HOOD EXHAUST FAN
SCALE: NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

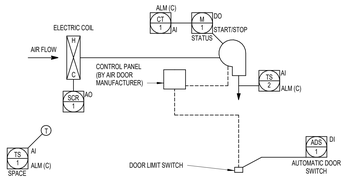
CONTROL DIAGRAMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

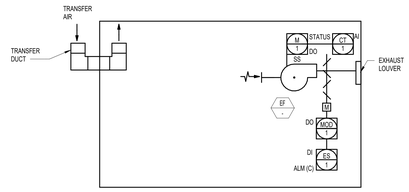
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	JAS
REVISIONS:	

DD SET

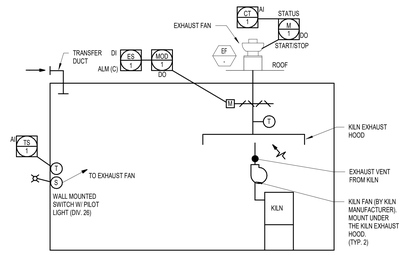
M702



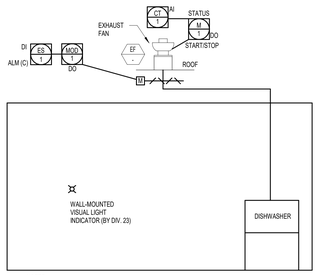
1 AIR CURTAIN DOOR
SCALE: NTS



B5 TRASH/ RECYCLE EXHAUST
SCALE: NTS

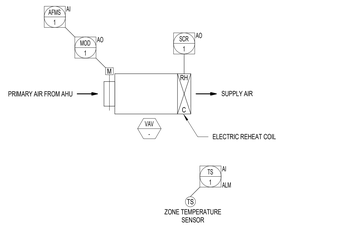


B6 KILN ROOM EXHAUST
SCALE: NTS

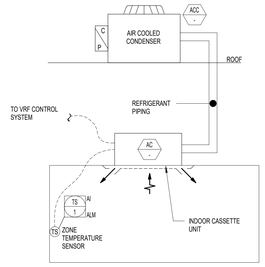


NOTES:
1. INTERLOCK DISHWASHER OPERATION WITH EXHAUST FAN. PROVIDE WALL-MOUNTED VIDUAL LIGHT TO INDICATE FAN ON/OFF STATUS.

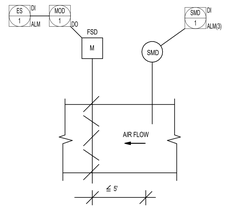
B8 DISHWASHER EXHAUST
SCALE: NTS



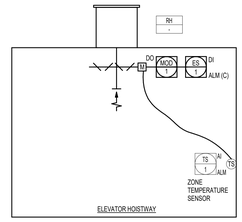
4 VARIABLE AIR VOLUME BOX W/ ELECTRIC COIL
SCALE: NTS



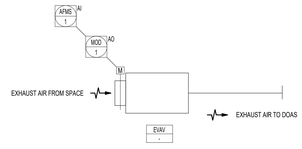
C5 TYPICAL DUCTLESS SPLIT SYSTEM
SCALE: NTS



C7 FIRE / SMOKE DAMPER
SCALE: NTS

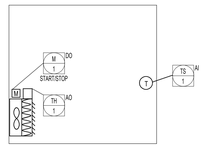


C8 ELEVATOR HOISTWAY VENTILATION
SCALE: NTS



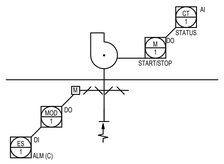
NOTE:
1. GENERAL EXHAUST VAV BOXES SHALL TRACK THE CORRESPONDING SUPPLY VAV BOXES TO PROVIDE A 5% NEGATIVE OFFSET FROM THE SUM OF THE SUPPLY VAV BOXES ASSOCIATED WITH THE GIVEN EXHAUST VAV BOX.

3 GENERAL EXHAUST VAV BOX
SCALE: NTS

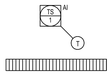


NOTE: WHERE REMOTE TEMPERATURE SENSOR IS NOT SHOWN, INTEGRAL TEMP SENSOR SHALL BE PROVIDED.

D5 ELECTRIC UNIT HEATER CONTROL DIAGRAM
SCALE: NTS

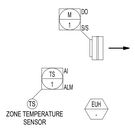


D7 GENERAL EXHAUST
SCALE: NTS

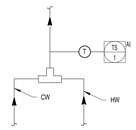


NOTE: WHERE SMALL FTR TERMINAL UNITS ARE SHOWN WITH INTEGRAL CONTROL, CONTROL SHALL BE DO (ON/OFF).

D8 FIN TUBE RADIATION / RADIANT PANEL
SCALE: NTS



2 ELECTRIC UNIT HEATER
SCALE: NTS



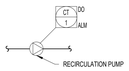
NOTE: EQUIPMENT BY PLUMBING CONTRACTOR

E5 DOMESTIC WATER MIXING VALVE
SCALE: NTS



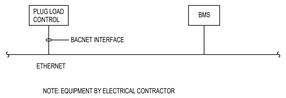
NOTE: COORDINATE METER INTERFACE REQUIREMENT FOR PULSE SIGNAL. EQUIPMENT BY PLUMBING CONTRACTOR.

E7 COLD WATER METER
SCALE: NTS



NOTE: EQUIPMENT BY PLUMBING CONTRACTOR.

E8 DOMESTIC WATER CIRCULATOR PUMP
SCALE: NTS



NOTE: EQUIPMENT BY ELECTRICAL CONTRACTOR

F5 NETWORK PLUG LOAD CONTROL INTERFACE
SCALE: NTS



NOTE: EQUIPMENT BY ELECTRICAL CONTRACTOR

F7 NETWORK LIGHTING CONTROL INTERFACE
SCALE: NTS



NOTE: COORDINATE METER INTERFACE REQUIREMENT FOR PULSE SIGNAL. EQUIPMENT BY ELECTRICAL CONTRACTOR.

F8 ELECTRICAL SUB-METER
SCALE: NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

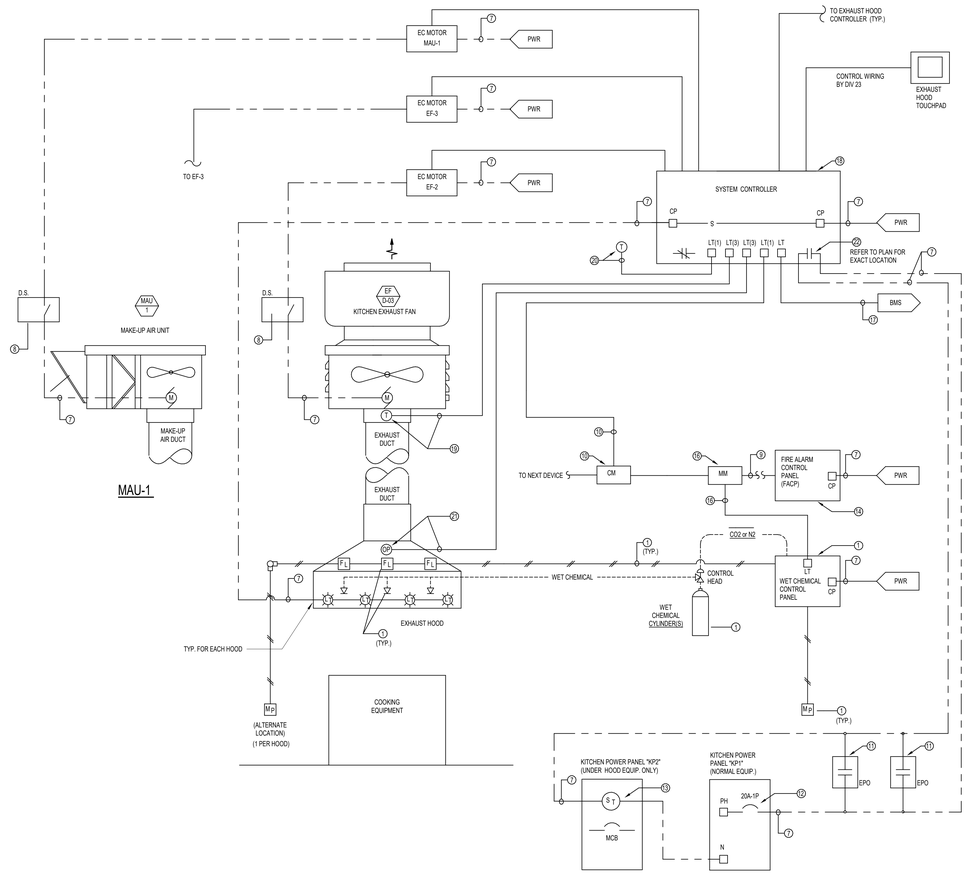
CONTROL DIAGRAMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	JAS
REVISIONS:	

DD SET

M703



E2 KITCHEN EXHAUST HOOD MULTI-SYSTEM INTEGRATION DIAGRAM (MULTI-DISCIPLINE / DIVISION)
SCALE: NTS

SYMBOL KEY

- FUSIBLE LINK
- MANUAL PULL STATION
- WET CHEMICAL NOZZLE & CAP
- PIPING
- MECHANICAL SIGNAL (CABLE)
- LOW VOLTAGE CONTROL & MONITORING WIRING
- LINE VOLTAGE POWER WIRING
- MOTOR
- DISCONNECT SWITCH
- CIRCUIT BREAKER
- INTEGRAL HOOD LIGHT SWITCH
- SHUNT TRIP COIL
- FIRE ALARM ADDRESSABLE CONTROL MODULE
- FIRE ALARM ADDRESSABLE MONITOR MODULE
- INTEGRAL FAN / HOOD SYSTEM CONTROL STATION
- NORMALLY CLOSED (N.C.) CONTACT
- NORMALLY OPEN (N.O.) CONTACT
- LOW VOLTAGE SIGNAL OR CONTROL TERMINALS
- POWER (LINE VOLTAGE) LUGS
- CONTROL PANEL POWER CONNECTION (120V)
- TEMPERATURE SENSOR
- OPACITY SENSOR
- INTEGRAL HOOD LIGHTING

SEQUENCE OF OPERATION

1. NORMAL OPERATION:
   OPERATOR TO ACTIVATE THE LIGHT AND FAN THROUGH THE HOOD SYSTEM CONTROL STATION EVERY MORNING. THE FANS WILL OPERATE AT A PRESET MINIMUM SPEED DURING IDLE PERIODS. AFTER THE COOKING APPLIANCES ENERGIZE, THE RESULTING LOAD SHALL CAUSE THE FAN SPEEDS TO INCREASE PROPORTIONALLY WITH THE EXHAUST AIR TEMPERATURE. UPON DETECTION OF SMOKE/VAPORS INSIDE THE HOOD, THE FANS SHALL RAMP UP TO 100% SPEED TO ENSURE PROPER CAPTURE PERFORMANCE.
2. FIRE EVENT:
   WIRING DIAGRAM REFLECTS SIGNAL CONNECTION TO HOOD SYSTEM CONTROL PANEL SO THAT HOOD SUPPLY FAN SHUTS- DOWN AND HOOD EXHAUST FAN TO CONTINUES RUNNING OR STARTS - UP UPON ACTIVATION OF THE HOOD EXTINGUISHER SYSTEM. COORDINATE HOOD FAN CONTROL SEQUENCING WITH HOOD MANUFACTURER AND CONNECT AS REQUIRED TO COMPLY WITH THE U.L. LISTING.
3. ANY FIRE ALARM INPUT TO CONTROL PANEL (FROM ANY HOOD SYSTEM) SHALL INITIATE SHUT DOWN & ALARM OF MAKE UP AIR UNIT, EXHAUST FANS TO CONTINUE TO OPERATE.

GENERAL NOTES

1. REFER TO DIVISION 23 CONTROL SEQUENCE FOR ADDITIONAL INFORMATION REGARDING CONTROL WIRING, SYSTEM OPERATION AND INTEGRATED SYSTEM RELATIONSHIPS.
2. COORDINATE ALL CONTROL WIRING WITH HOOD INSTALLER CONTRACTOR, GENERAL CONTRACTOR, HOOD SUPPRESSION SYSTEM CONTRACTOR, ETC. PROVIDE ALL ELECTRICAL WORK AS REQUIRED.
3. EACH TRADE SHALL MODIFY THE DIAGRAM ON THEIR RESPECTIVE AS-BUILTS TO REFLECT FINAL CONNECTIONS, ETC. LAMINATE WIRING DIAGRAM AND PROVIDE AT HOOD SYSTEM CONTROL SYSTEM PANEL ENCLOSURE.
4. REFER TO RESPECTIVE DISCIPLINE / DIVISION FLOOR PLANS FOR PROPOSED LOCATIONS OF EQUIPMENT SHOWN.
5. EACH DISCIPLINE / DIVISION IS REQUIRED AND RESPONSIBLE TO COORDINATE THEIR WORK WITH OTHERS TO ENSURE PROPER INTEGRATED FUNCTION OF THE ENTIRE KITCHEN HOOD OPERATION AND RELATED SYSTEM INSTALLATION.
6. REFER TO KITCHEN EXHAUST FANS AND MAKE-UP AIR UNIT CONTROL DIAGRAMS FOR ADDITIONAL POINTS & REQUIREMENTS.
7. PROVIDE (2) REMOTE DUCT TEMPERATURE SENSORS AND (2) REMOTE SMOKE/VAPOR SENSORS FOR EXHAUST HOOD.

TAG	DESCRIPTION	FURNISHED BY DIVISION	INSTALLED BY DIVISION	WIRED BY DIVISION
1	WET CHEMICAL SYSTEM - FUSIBLE LINKS, NOZZLES, CYLINDERS, CONTROL HEADS AND CABLE BENDS WITH PULLEY FITTINGS (REFER TO FOOD SERVICE SPEC. FOR QUANTITIES OF DEVICES).	11	11	N/A
2	NOT USED.			
3	NOT USED.			
4	NOT USED.			
5	NOT USED.			
6	NOT USED.			
7	ELECTRICAL POWER WIRING (LINE VOLTAGE)	26	26	26
8	FAN DISCONNECT SWITCH LOCATED AT UNIT (ON ROOF)	26	26	26
9	EXTEND FIRE ALARM INITIATION LOOP TO ADDRESSABLE MONITOR OR CONTROL MODULE	28	28	28
10	ADDRESSABLE CONTROL MODULE AND (LV) WIRING TO SEND SIGNAL TO HOOD CONTROL SYSTEM PANEL INDICATING THAT THE WET CHEMICAL SYSTEM HAS BEEN ACTIVATED	28	28	28
11	SHUNT TRIP BUTTONS , QUANTITY AS SHOWN ON PLANS. BUTTON SHALL BE RED 2-1/4" MUSHROOM TYPE BUTTON, ENGRAVED "EMERGENCY STOP " WITH CLEAR PLASTIC LIFT SHIELD. (ST): STOPPER II MODEL NO. SS-20A4 OR EQUALL PROVIDE PERMANENT SIGN AT BUTTON TO READ "EMERGENCY UNDER HOOD COOKING EQUIPMENT ".	26	26	26
12	UTILIZE 20A-1P CIRCUIT BREAKER TO PROVIDE SHUNT TRIP CONTROL POWER (120V) CIRCUIT	26	26	26
13	PROVIDE MAIN CIRCUIT BREAKER WITH A SHUNT TRIP MODULE. WIRE THE 120V RATED COIL TO THE CONTROL CIRCUIT AS INDICATED FOR PROPER SHUT DOWN FOR POWER TO KITCHEN HOOD EXTINGUISHING SYSTEM (AUTOMATICALLY) OR BY A KITCHEN "EMERGENCY POWER OFF" BUTTON (MANUALLY).	26	26	26
14	ADDRESSABLE FIRE ALARM CONTROL PANEL	28	28	28
15	NOT USED.			
16	ADDRESSABLE MONITOR MODULE AND (LV) WIRING TO REPORT ALARM SIGNAL TO FIRE ALARM CONTROL PANEL IF WET CHEMICAL SYSTEM IS ACTIVATED	28	28	28
17	CONTROL WIRING FROM BMS (LOW VOLTAGE) TO SERVE STATUS, CONTROL PANEL OUTPUT WIRING TO BMS (BY DDC SUB CONTRACTOR). PROVIDE STATUS FOR ALL EQUIPMENTS & SYSTEMS IDENTIFIED AND INCLUDED AS PART OF THIS DRAWING INTERLOCK, MONITORING, AND INITIATION REQUIREMENTS.	23	23	23
18	HOOD CONTROL SYSTEM PANEL (MELINK, CAPTIVE AIRE OR HALTON) WITH INTEGRAL FAN UNITS, INTEGRAL SWITCH AND CONNECTION FOR HOOD LIGHTS; REMOTE ROOM TEMPERATURE SENSOR, REMOTE DUCT TEMPERATURE SENSORS, REMOTE SMOKE/VAPOR SENSORS - ALL INTEGRAL TO CONTROL STATION, AND SPARE N.O. / N.C. RELAY CONTACTS (RATED FOR 120 VOLT USE)	23	23	23
19	REMOTE DUCT TEMPERATURE SENSOR AND (LV) WIRING (1 TEMP SENSOR PER HOOD CONNECTION. SEE GENERAL NOTE # 10)	23	23	23
20	REMOTE ROOM TEMPERATURE SENSOR AND (LV) WIRING	23	23	23
21	REMOTE HOOD OPACITY SENSOR AND (LV) WIRING (1 HOOD OPACITY SENSOR FOR HOOD DUCT CONNECTION)	23	23	23
22	INTEGRAL N.O. SPARE RELAY CONTACT USED TO SEND SHUNT TRIP SIGNAL TO SHUNT TRIP COIL OF MCB IN PANEL "KPZ"	23	23	26
PWR	POWER FEEDER FROM DISTRIBUTION OR BRANCH PANEL TO RESPECTIVE ELECTRICAL LOAD. REFER TO ELECTRICAL PLANS FOR SOURCE, CIRCUIT AND WIRING INFORMATION	26	26	26
BMS	CONTROL WIRING TO BUILDING MANAGEMENT SYSTEM (BMS). REFER TO CONTROL SEQUENCE FOR ADDITIONAL INFORMATION.	23	23	23

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

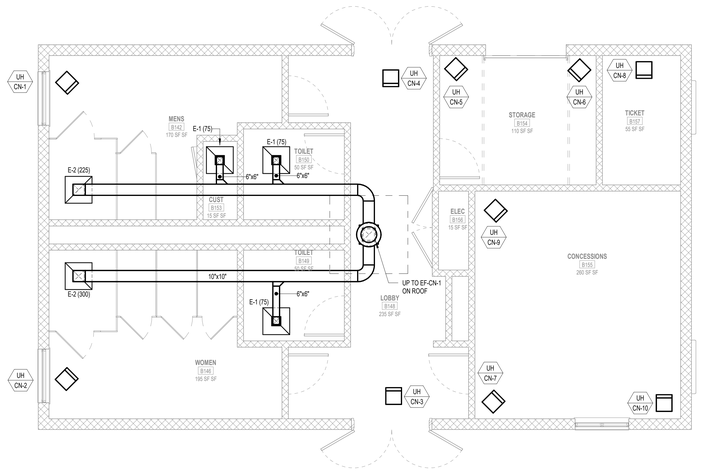
CONTROL DRIAGRAMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	Author
REVISIONS:	

DD SET

M704



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CONCESSIONS BUILDING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	JAS
REVISIONS:	

N

DD SET

M900

GROUP MOUNTED DEVICES (GMD) SYMBOLS

SYMBOL	COMBINATION OF THE FOLLOWING DEVICES
A 110cGMD 1	
B 110cGMD 1	
C 1 GMD	

NOTES:

1. IN ADDITION TO INDICATED DEVICES, THE "GMD" MAY INCLUDE LIGHTING CONTROLS (SWITCHES AND/OR DIMMER SWITCHES), FOR LIGHTING CONTROLS REFER TO LIGHTING PLANS.
2. FOR VERTICAL LAYOUT AND SPECIFIC MOUNTING HEIGHTS FOR DEVICES AT "GMD" LOCATIONS REFER TO RESPECTIVE DETAIL ON ARCHITECTURAL DRAWINGS.
3. "110cd" DENOTES STROBE CANDELA RATING.
4. NUMERAL "1" INDICATES CIRCUIT NUMBER POWERING RECEPTACLE.

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION
C	FIRE ALARM PULL STATION MOUNT CENTERLINE OF DEVICE AT 4'-0" AFF. "C" DENOTES PULL STATION WITH PLASTIC TAMPER-ALARM COVER.
110cd WG	FIRE ALARM AUDIBLE (HORN OR SPEAKER) / VISUAL (STROBE) COMBINATION MOUNT BOTTOM OF DEVICE AT 6'-8" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER. "110cd" DENOTES STROBE CANDELA RATING. NO "cd" VALUE INDICATES PROVIDE "75cd" STROBE. "WG" DENOTES PROVIDED WITH WIRE GUARD.
110cd WG	CEILING MOUNTED FIRE ALARM AUDIBLE (HORN OR SPEAKER) / VISUAL (STROBE) COMBINATION. "110cd" DENOTES STROBE CANDELA RATING. NO "cd" VALUE INDICATES PROVIDE "75cd" STROBE. "WG" DENOTES PROVIDED WITH WIRE GUARD.
	FIRE ALARM SPEAKER ONLY; MOUNT BOTTOM OF DEVICE AT 6'-0" A.F.F. OR 6" BELOW CEILING, WHICHEVER IS LOWER.
110cd WG	FIRE ALARM VISUAL NOTIFICATION DEVICE (STROBE ONLY). MOUNT BOTTOM OF DEVICE AT 6'-8" A.F.F. OR 6" BELOW CEILING, WHICHEVER IS LOWER. "110cd" DENOTES STROBE CANDELA RATING. NO "cd" VALUE INDICATES PROVIDE "75cd" STROBE. "WG" DENOTES PROVIDED WITH WIRE GUARD.
110cd	CEILING MOUNTED FIRE ALARM VISUAL DEVICE (STROBE ONLY) . "110cd" DENOTES STROBE CANDELA RATING. NO "cd" VALUE INDICATES PROVIDE "75cd" STROBE.
	FIRE ALARM MINI AUDIBLE (HORN OR SPEAKER) / VISUAL (STROBE) COMBINATION MOUNT BOTTOM OF DEVICE 6'-8" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER.
135°F	FIRE ALARM HEAT DETECTOR, FIXED TEMPERATURE TYPE. "135" INDICATES TEMPERATURE SETTING.
135°F R	FIRE ALARM HEAT DETECTOR, COMBINATION RATE OF RISE / FIXED TEMPERATURE. "135" INDICATES TEMPERATURE SETTING.
S	FIRE ALARM SMOKE DETECTOR.
D S	FIRE ALARM DUCT TYPE SMOKE DETECTOR. (REFER TO DUCT SMOKE DETECTOR INSTALLATION DETAIL)
E S	FIRE ALARM SMOKE DETECTOR WITH AUXILIARY CONTACTS FOR CROSS ZONING (ELEV. LOBBY).
R S	FIRE ALARM SMOKE DETECTOR WITH RELAY BASE.
S	FIRE ALARM SMOKE DETECTOR; STAND ALONE TYPE (120V).
CO	CARBON MONOXIDE DETECTOR.
MH	MAGNETIC DOOR HOLDER.
TS	TAMPER SWITCH.
FS	FLOW SWITCH.
PS	PRESSURE SWITCH.
CM	CONTROL MODULE
MM	MONITORING MODULE
FACP	FIRE ALARM CONTROL PANEL.
FAA	FIRE ALARM ANNUNCIATOR PANEL.
FATC	FIRE ALARM TERMINAL CABINET.
FSD	FIRE SMOKE DAMPER (REFER TO FIRE/SMOKE DAMPER INSTALLATION DETAIL)
	REMOTE (LED) INDICATOR LIGHT.
	EXTERIOR STROBE LIGHT.
	FIRE ALARM MASTER BOX. SEE SPECIFICATIONS FOR MOUNTING.
K	FIRE ALARM KEY LOCK BOX.
RTS	DUCT SMOKE DETECTOR REMOTE INDICATOR/TEST STATION MOUNTED 6'-8" AFF OR 6" BELOW FINISHED CEILING, WHICHEVER IS LOWER.
	FIRE PROTECTION ELECTRIC BELL.

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION
FR1 / FS1	LIGHTING FIXTURE; "FR1" DENOTES TYPE (REFER TO FIXTURE SCHEDULE), NUMERAL DENOTES CIRCUIT NUMBER, "b" DENOTES FIXTURE CONTROLLED BY SWITCH "b".
X1	EXIT LIGHT CEILING MOUNTED WITH DIRECTIONAL ARROW AS INDICATED ON PLAN. (WALL MOUNTED WITHOUT ARROWS).
LB1	WALL WASHING LIGHTING FIXTURE; ARROW INDICATES AIMING. SEE FIXTURE SCHEDULE FOR MOUNTING.
LT2	TRACK LIGHTING WITH QUANTITY OF LIGHTHEADS AS INDICATED ON PLANS.
FR1EL / NL; LP1	LIGHTING FIXTURE PROVIDED WITH EMERGENCY BATTERY BALLAST OR WIRED TO EMERGENCY LIGHTING CIRCUIT. (REFER TO LIGHTING FIXTURE SCHEDULE). "NL" DENOTES UNSWITCHED FIXTURE TO REMAIN ON AS"NIGHT LIGHT". "(E)" ALSO DENOTES EMERGENCY LIGHTING.
EB1	EMERGENCY BATTERY UNIT WITH UNIT MOUNTED LIGHTHEADS. NUMBER OF LIGHTHEADS AS INDICATED ON PLANS. "EB1" DENOTES TYPE (REFER TO LIGHTING FIXTURE SCHEDULE).
LP1	POLE MOUNTED LIGHT FIXTURE(S); NUMBER OF FIXTURE HEADS AS INDICATED ON PLANS. (REFER TO EXTERIOR LIGHTING FIXTURE SCHEDULE)
LT1	POST TOP LIGHT FIXTURE.
LB1	GROUND MOUNTED BOLLARD FIXTURE.
LG1	GROUND MOUNTED LANDSCAPE LIGHT FIXTURE (E.G. UPLIGHT, ACCENT, FLAG POLE, SIGN).

FIXTURE TYPE KEY

F R 2

- SEQUENTIAL DIGIT IN ORDER
- MOUNTING TYPE:
  - R - RECESSED
  - S - SURFACE
  - W - WALL
  - T - TRACK / POST TOP (SITE)
  - P - PENDANT / POLE (SITE)
  - X - EXIT
  - B - BOLLARD (SITE)
  - G - GROUND (SITE)
- LAMP TYPE:
  - L - LED
  - I - INCANDESCENT
  - F - FLUIORESCENT
  - H - H.I.D.

SWITCHING DESIGNATIONS

SYMBOL	DESCRIPTION
S	LOW VOLTAGE OR WIRELESS SWITCH MOUNTED 4'-0" AFF.
S^D	LOW VOLTAGE OR WIRELESS DIMMER SWITCH MOUNTED 4'-0" AFF.
S^L	LINE VOLTAGE SWITCH MOUNTED 4'-0" AFF.
S^2	LINE VOLTAGE TWO POLE SWITCH MOUNTED 4'-0" AFF.
S^3	LINE VOLTAGE THREE WAY SWITCH MOUNTED 4'-0" AFF.
S^4	LINE VOLTAGE FOUR WAY SWITCH MOUNTED 4'-0" AFF.
S^K	LINE VOLTAGE KEY OPERATED SWITCH MOUNTED 4'-0" AFF.
S^P	SINGLE POLE SWITCH WITH PILOT LIGHT MOUNTED 4'-0" AFF.
S^M	MOTOR RATED SWITCH WITH THERMAL OVERLOAD PROTECTION MOUNTED 4'-0" AFF.
S^F	VARIABLE SPEED FAN SWITCH MOUNTED 4'-0" AFF.
S^T	TIME SWITCH MOUNTED 4'-0" AFF.
S^{MC}	MOMENTARY CONTACT SWITCH MOUNTED 4'-0" AFF.
A a	WALL MOUNTED LIGHTING CONTROL SENSOR. ARROW INDICATES DEVICE PROVIDED WITH SWIVEL BRACKET AND ELLIPTICAL COVERAGE PATTERN (ARROW IS AIMING FOR CENTER OF DETECTION PATTERN). "A" DENOTES TYPE OF SENSOR AS SHOWN ON SENSOR CONTROL SCHEDULE. "a" DENOTES DEVICE TO FIXTURE CONTROL RELATIONSHIP.
A a	CEILING MOUNTED LIGHTING CONTROL SENSOR. "A" DENOTES TYPE OF SENSOR AS SHOWN ON SENSOR CONTROL SCHEDULE IN PLANS. "a" DENOTES DEVICE TO FIXTURE CONTROL RELATIONSHIP.

RECEPTACLE SYMBOLS

SYMBOL	DESCRIPTION
6 AF	DUPLEX RECEPTACLE - GROUNDING TYPE - MOUNTED 18" AFF UNLESS OTHERWISE INDICATED. NUMERAL INDICATES CIRCUIT NUMBER. "AF" INDICATES ARC FLASH TYPE. "TP" INDICATES TAMPER PROOF TYPE.
WP	DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTING TYPE - MOUNTED 18" AFF UNLESS OTHERWISE INDICATED. "WP" INDICATES WEATHER PROOF TYPE (ACTIVE USE COVER).
	DUPLEX RECEPTACLE - GROUNDING TYPE - MOUNTED AT 42" AFF OR 6" ABOVE COUNTER TOP OR BACK SPLASH WHERE EXISTENT.
	DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTING TYPE - MOUNTED 42" AFF OR 6" ABOVE COUNTER TOP OR BACK SPLASH WHERE EXISTENT.
C (NC/TC) (NCGS)	DUPLEX RECEPTACLE - GROUNDING TYPE, SPLIT CONTROLLED - MOUNTED AT 18" AFF UNLESS OTHERWISE INDICATED. UPPER OUTLET SHALL BE UNSWITCHED. TAGGED "NC" (NOT CONTROLLED). LOWER OUTLET SHALL BE AUTOMATICALLY CONTROLLED BY ONE OF THE FOLLOWING FUNCTIONS: BY TIME WHEN TAGGED "TC" (TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSOR WHEN TAGGED "OS". "C" INDICATES MOUNTED 42" AFF OR 6" ABOVE COUNTERTOP OR BACK SPLASH WHERE EXISTENT. "x" INDICATED SWITCH TO DEVICE CONTROL RELATIONSHIP.
C	DUPLEX RECEPTACLE - ISOLATED GROUND TYPE - MOUNTED AT 18" AFF UNLESS OTHERWISE INDICATED. "C" INDICATES MOUNTED 42" AFF OR 6" ABOVE COUNTERTOP OR BACK SPLASH WHERE EXISTENT.
C	SINGLE RECEPTACLE - GROUNDING TYPE - MOUNTED AT 18" AFF UNLESS OTHERWISE INDICATED. "C" INDICATES MOUNTED 42" AFF OR 6" ABOVE COUNTERTOP OR BACK SPLASH WHERE EXISTENT.
	DOUBLE DUPLEX RECEPTACLE - GROUNDING TYPE - MOUNTED AT 18" AFF UNLESS OTHERWISE INDICATED.
	DOUBLE DUPLEX RECEPTACLE - GROUNDING TYPE - MOUNTED AT 42" AFF OR 6" ABOVE COUNTER TOP OR BACK SPLASH WHERE EXISTENT.
C (NC/TC) (NCGS)	DOUBLE DUPLEX RECEPTACLE - GROUNDING TYPE, SPLIT CONTROLLED - MOUNTED AT 18" AFF UNLESS OTHERWISE INDICATED. UPPER OUTLET SHALL BE UNSWITCHED. TAGGED "NC" (NOT CONTROLLED). LOWER OUTLET SHALL BE AUTOMATICALLY CONTROLLED BY ONE OF THE FOLLOWING FUNCTIONS: BY TIME WHEN TAGGED "TC" (TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSOR WHEN TAGGED "OS". "C" INDICATES MOUNTED 42" AFF OR 6" ABOVE COUNTERTOP OR BACK SPLASH WHERE EXISTENT. "x" INDICATED SWITCH TO DEVICE CONTROL RELATIONSHIP.
	FLOOR OUTLET BOX WITH DUPLEX RECEPTACLE; REFER TO SPECIFICATIONS.
	FLOOR OUTLET BOX WITH DOUBLE DUPLEX RECEPTACLE; REFER TO SPECIFICATIONS.
	CEILING MOUNTED BOX WITH DUPLEX RECEPTACLE.
CR	CEILING MOUNTED CORD REEL; REFER TO SPECIFICATIONS AND NOTES ON DRAWING. SHALL BE POWER-PLUGGED INTO ADJACENT CEILING MOUNTED RECEPTACLE.
A	SPECIAL PURPOSE RECEPTACLE - "A" INDICATES TYPE AS SHOWN ON DRAWINGS OR IN SPECIFICATIONS.
A	SPECIAL PURPOSE RECEPTACLE - FLOOR OUTLET BOX - "A" INDICATES TYPE AS SHOWN ON DRAWINGS OR IN SPECIFICATIONS.
	RACEWAY WITH GROUNDING TYPE RECEPTACLES. SEE SPECIFICATIONS.
	JUNCTION BOX (WALL MOUNTED).
F1 F1	FURNITURE FEED (WALL MOUNTED). HATCH SYMBOL INDICATED AUTOMATIC CONTROLLED SWITCHED LEG. SEE DWG NOTES FOR AUTOMATIC RECEPTACLE CONTROL FUNCTION.
F# F#	FLOOR MOUNTED DEVICE(S) IN OUTLET BOX(ES) OR A POKE-THRU UNIT. HATCHED SYMBOL INDICATES AUTOMATIC CONTROLLED SWITCHED LEG. REFER TO DWG. NOTES FOR FLOOR BOX SPECIFICATIONS AND AUTOMATIC RECEPTACLE CONTROL FUNCTION.
USB	COMBINATION USB CHARGER AND GROUNDING TYPE DUPLEX RECEPTACLE - MOUNTED 18" A.F.F. UNLESS OTHERWISE INDICATED. INSTALL IN SINGLE GANG DEEP BACKBOX. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

MOTORS, EQUIPMENT, AND CONTROLS

SYMBOL	DESCRIPTION
2	MOTOR. NUMERAL INDICATES HORSEPOWER.
30A/3 20AF	NON-FUSED DISCONNECT SWITCH. 3 POLE, 30 AMP, UNLESS OTHERWISE NOTED.
30A/3 20AF	FUSED 3 POLE DISCONNECT SWITCH. "30A" DENOTES SWITCH SIZE, "20A" DENOTES FUSE SIZE.
30A/3 20AF	COMBINATION STARTER/NON-FUSED DISCONNECT SWITCH. 3 POLE, 30 AMP SWITCH, WITH NEMA SIZE 1 STARTER UNLESS OTHERWISE NOTED. (WITH FUSED DISCONNECT SWITCH).
	MAGNETIC MOTOR STARTER.
	ENCLOSED CIRCUIT BREAKER.
VFD	VARIABLE FREQUENCY DRIVE. PROVIDED AND MOUNTED BY DIVISION 23. POWER WIRING BY DIVISION 26, U.O.N.
	THREE PUSHBUTTON CONTROL STATION. FUNCTION AS INDICATED ON PLAN.
TM	TIME CLOCK. REFER TO SPECIFICATIONS.
M	CONTACTOR. REFER TO SPECIFICATIONS.
R	RELAY
	EMERGENCY POWER OFF MUSHROOM TYPE PUSHBUTTON PROVIDED WITH FULL ALUMINUM GUARD, MOUNTED AT 54" A.F.F. UNLESS OTHERWISE NOTED.
	PUSHBUTTON STATION.
SC	WINDOW SHADE CONTROLLER.
CS	SHADE CONTROL STATION.
	GROUNDING BUS BAR.
XX AX	EQUIPMENT TAG FOR HVAC AND PLUMBING / FIRE PROTECTION EQUIPMENT. REFER TO EQUIPMENT SCHEDULE DWGS. FOR MORE INFORMATION.

PANELBOARDS AND TERMINAL CABINETS

SYMBOL	DESCRIPTION
	SURFACE MOUNTED 120/208 VOLT PANELBOARD 6'-6" AFF TO TOP. (FLUSH MOUNTED).
	SURFACE MOUNTED 277/480 VOLT PANELBOARD 6'-6" AFF TO TOP. (FLUSH MOUNTED).
	SURFACE MOUNTED CONTROL PANEL 6'-6" AFF TO TOP. (FLUSH MOUNTED).
	SURFACE MOUNTED 120/208 VOLT MAIN DISTRIBUTION BOARD
	SURFACE MOUNTED 277/480 VOLT MAIN DISTRIBUTION BOARD
	METER
	PLYWOOD BACKBOARD
T	DRY TYPE TRANSFORMER, RATING AS INDICATED ON RISER DIAGRAM.

PANEL NAME KEY

E D P 2 1 1

- SEQUENTIAL DIGIT IN ORDER
- FLOOR / LEVEL
- VOLTAGE:
  - 2 - 120/208 V
  - 4 - 277/480 V
- P - PANEL
- PANEL TYPE:
  - D - DISTRIBUTION
  - P - POWER
  - L - LIGHTING
  - K - KITCHEN
  - M- MECHANICAL
- POWER SOURCE:
  - blank - NORMAL
  - E - EMERGENCY LIFE SAFETY
  - S - STANDBY
  - U - UPS

ONE-LINE DIAGRAM (SCHEMATIC SYMBOLS POWER)

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER
	LOW VOLTAGE DRAWOUT TYPE CIRCUIT BREAKER
	MEDIUM VOLTAGE DRAWOUT TYPE CIRCUIT BREAKER
	DISCONNECTING FUSE ELECTRICAL
	FUSE
	GROUND
M	METER
	MOTOR
	TRANSFORMER, DRY TYPE, UNLESS OTHERWISE INDICATED
	AUTOMATIC TRANSFER SWITCH
#	FEEDER TAG. REFER TO SCHEDULE ON DWG. EP602 FOR INFORMATION.
SPD	TRANSIENT VOLTAGE SURGE SUPPRESSION TO PROTECT LL, UN, NH, LG
A V	AMMETER, VOLTMETER
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER
K	KIRK KEY INTERLOCK
	STANDARD WIRE
	FUTURE WIRE
	ELECTRICAL INTERLOCK WIRE
	FUTURE ELECTRICAL INTERLOCK WIRE
	FEEDER BUS
	FUTURE FEEDER BUS

GENERAL ABBREVIATIONS

#	
1P	SINGLE POLE
1PH, 1Ø	SINGLE PHASE
3PH, 3Ø	THREE PHASE
4W	FOUR-WIRE
A	
A,AMP	AMPERE
AC	ARMORED CABLE
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AMPERE INTERRUPTING CAPACITY
ANN	ANNUNCIATOR
ARCH	ARCHITECTURAL
ATM	AUTOMATIC TELLER MACHINE
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILLIARY
AV	AUDIO VISUAL
B	
BAT	BATTERY
BMS	BUILDING MANAGEMENT SYSTEM
C	
C, CND	CONDUIT (GENERIC NAME FOR RACEWAY) PROVIDED AS SPECIFIED
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CL	CENTERLINE
CLG	CEILING
CO	CARBON MONOXIDE
COAX	COAXIAL CABLE
COMM	COMMUNICATION
CP	CONTROL PANEL
CR	CONTROL RELAY
D	
DCP	DIMMER CONTROL PANEL
DS	DISCONNECT SWITCH
DWG	DRAWING
E	
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATOR
EMT	ELECTRICAL METALLIC TUBING
EPO	EMERGENCY POWER OFF
EWC	ELECTRICAL WATER COOLER
F	
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
FLA	FULL LOAD AMPS
FP	FIRE PROTECTION SYSTEM INSTALLER
FT	FEET
FUT	FUTURE
G	
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
H	
HH	HAND HOLE
HP	HORSEPOWER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
Hz	HERTZ
I	
IBC	INTERNATIONAL BUILDING CODE
IC	INTERRUPTING CAPACITY
IG	ISOLATED GROUND
INCL	INCLUDED WITH EQUIPMENT
J	
JB	JUNCTION BOX
K	
kCMIL	THOUSAND CIRCULAR MILS
kV	KILO-VOLT
kVA	KILO-VOLT AMPERE
kW	KILO-WATT
L	
LTG	LIGHTING
M	
MC	METAL CLAD
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	MANHOLE
MIC	MICROPHONE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MTS	MANUAL TRANSFER SWITCH
N	
NA, N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEUT	NEUTRAL
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO. #	NUMBER
NORM	NORMAL
NRTL	NATIONALLY RECOGONIZED TESTING LABORATORY AS APPROVED BY OSHA AND LOCAL AUTHORITIES
NTS	NOT TO SCALE
O	
OCPD	OVERCURRENT PROTECTIVE DEVICE
P	
PB	PULL BOX
PC	PLUMBING SYSTEM INSTALLER
PH	PHASE
PIR	PASSIVE INFRARED
PV	PHOTOVOLTAIC
PVC	POLY-VINYL CHLORIDE CONDUIT
R	
RGS	RIGID GALVANIZED STEEL
REQD	REQUIRED
S	
SD	SMOKE DETECTOR
SPDT	SINGLE POLE, DOUBLE THROW
SPKR	SPEAKER
SPST	SINGLE POLE, SINGLE THROW
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
T	
TC	TELECOMMUNICATIONS CABLE INSTALLER
TEL	TELEPHONE
TP	TAMPER PROOF, TWISTED PAIR
TPS	TWISTED PAIR SHIELDED
TYP	TYPICAL
U	
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORY LISTING
UON	UNLESS OTHERWISE NOTED
V	
V	VOLT
VA	VOLT AMPERE
VFD	VARIABLE FREQUENCY DRIVE
VIF	VERFY IN FIELD
W	
W	WATT
WG	WIRE GUARD
WP	WEATHERPROOF
X	
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

DEMOLITION ABBREVIATIONS

ETR	EXISTING DEVICE SHALL REMAIN.
ERM	EXISTING DEVICE SHALL BE REMOVED.
ERL	EXISTING DEVICE SHALL BE RELOCATED.
XRE	EXISTING DEVICE RELOCATED TO LOCATION SHOWN ON RENOVATION DRAWINGS

CONDUIT AND WIRE SYMBOLS

SYMBOL	DESCRIPTION
LA-1	HOMERUN TO PANELBOARD "LA", CIRCUIT NUMBER 1. 3/4"C.- 2#12 & 1#12 GND., UNLESS OTHERWISE NOTED.
LA-1,3,5	HOMERUN TO PANELBOARD "LA", CIRCUIT NUMBERS 1,3,5. DIAGONAL LINES INDICATE NUMBER OF PHASE AND NEUTRAL WIRES. REFER TO WIRING NOTE 4 FOR ADDITIONAL INFORMATION.
	RACEWAY CONCEALED IN CEILING OR WALLS, OR EXPOSED IN UNFINISHED AREAS.
	RACEWAY CONCEALED IN FLOOR SLAB.
	FLEXIBLE RACEWAY; SIZE AS REQUIRED.
	CONDUIT UP.
	CONDUIT DOWN.

COMMUNICATION AND SIGNAL SYMBOLS

REFER TO E-603 FOR CONDUIT SIZES

SYMBOL	DESCRIPTION
W	TELEPHONE OUTLET; MOUNTED 18" AFF, 4" SQUARE BOX WITH SINGLE GANG PLASTER RING, CONDUIT STUBBED UP 6" ABOVE CEILING AT 90 DEGREE ANGLE. TERMINATE WITH PLASTIC BUSHING. "W" INDICATES MOUNTED 54" AFF. "P" INDICATES PAY PHONE. "C" INDICATES MOUNTED 42" AFF OR 6" ABOVE COUNTER.
	DATA OUTLET; MOUNTED 18" AFF, 4" SQUARE BOX WITH SINGLE GANG PLASTER RING, CONDUIT STUBBED UP 6" ABOVE CEILING AT 90 DEGREE ANGLE. TERMINATE WITH PLASTIC BUSHING. "W" INDICATES MOUNTED 54" AFF. "C" INDICATES MOUNTED 42" AFF. OR 6" ABOVE COUNTER.
	COMBINATION DATA/TELEPHONE OUTLET; MOUNTED 18" AFF, 4" SQUARE BOX WITH SINGLE GANG PLASTER RING, CONDUIT STUBBED UP 6" ABOVE CEILING AT 90 DEGREE ANGLE. TERMINATE WITH PLASTIC BUSHING. "W" INDICATES MOUNTED 54" AFF. "C" INDICATES MOUNTED 42" AFF. OR 6" ABOVE COUNTER.
WAP	WIRELESS ACCESS POINT OUTLET; MOUNTED ABOVE CEILING. - FOR OUTLETS MOUNTED IN CEILINGS, INSTALL 4" SQUARE BOX WITH SINGLE GANG PLASTER RING ATTACHED TO CEILING GRID SUPPORT BRACKET. CABLE WILL RUN OPEN ABOVE CEILING. - FOR OUTLETS LOCATED IN EXPOSED OR UNFINISHED AREAS, INSTALL 4" SQUARE BOX WITH SINGLE GANG PLASTER RING. CONDUIT EXTENDED ABOVE THE NEAREST CEILING. TERMINATE CONDUIT WITH PLASTIC BUSHING.
	FLOOR OUTLET BOX WITH TELEPHONE OUTLET; REFER TO SPECIFICATIONS.
	FLOOR OUTLET BOX WITH DATA OUTLET; REFER TO SPECIFICATIONS.
	FLOOR OUTLET BOX WITH COMBINATION DATA/TELEPHONE OUTLET; REFER TO SPECIFICATIONS.
TV	FLOOR MOUNTED CABLE TELEVISION OUTLET.
TV	CABLE TELEVISION OUTLET MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED.
	CLOCK WITH CLOCK HANGER RECEPTACLE MOUNTED AT 8'-0" AFF UNLESS OTHERWISE NOTED.
V1	DATA AND CABLE TELEVISION OUTLET MOUNTED 18" AFF UNLESS OTHERWISE NOTED. REFER TO TECHNOLOGY OUTLET CONFIGURATION DRAWINGS FOR DETAILS.

SOUND SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CEILING MOUNTED SPEAKER.	M	MICROPHONE OUTLET - WALL MTD.
	SPEAKER, FLUSH WALL MOUNTED.	V	VOLUME CONTROL MOUNTED AT 48" AFF UNLESS OTHERWISE NOTED.
M	LOUDSPEAKER; SURFACE WALL MOUNTED.		

SECURITY SYMBOLS

REFER TO SECURITY CONSULTANT DRAWINGS

PROJECT NOTES

1. THE SCOPE OF WORK SHALL INCLUDE PROVIDING ALL WORK INDICATED UNLESS OTHERWISE SPECIFICALLY INDICATED AS EXISTING OR WORK BY OTHERS, AND COORDINATION WILL ALL TRADES SCOPE OF WORK IS INDICATED ON THE CONTRACT DOCUMENTS INCLUDING THE DRAWINGS AND THE SPECIFICATIONS, WHICH ARE COMPLIMENTARY. WORK INDICATED IN ANY CONTRACT DOCUMENT SHALL BE CONSIDERED PART OF THE SCOPE OF WORK, UNLESS SPECIFICALLY INDICATED AS EXISTING OR WORK BY OTHERS. IN GENERAL, WORK REQUIREMENTS ARE NOT INDICATED IN BOTH DOCUMENTS. WHERE DOCUMENTS CONFLICT WITHIN THEMSELVES OR WITH CODES AND REGULATIONS, PROVIDE THE HIGHER QUANTITY AND QUALITY AND FOLLOW THE STRICTER REQUIREMENTS.
2. WORK AT A MINIMUM SHALL BE IN ACCORDANCE WITH OSHA, NFPA STANDARDS, THE ELECTRICAL CODE AND THE LOCAL GOVERNING AUTHORITIES. THE DRAWINGS AND SPECIFICATIONS DO NOT ATTEMPT TO INDICATE ALL WORK REQUIRED BY CODE AND AUTHORITIES. DO NOT INSTALL WORK THAT DOES NOT MEET THE MINIMUM REQUIREMENTS. IF NECESSARY, REQUEST CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING.
3. ALL EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMAN LIKE MANNER. RECTLINEAR TO BUILDING STRUCTURE.
4. ALL COMPONENTS SHOWN ON THE RISER DIAGRAMS OR DETAILS, BUT NOT ON THE PLAN OR VICE VERSA SHALL BE INCLUDED AS IF SHOWN ON BOTH.
5. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE A WORKING INSTALLATION IN EVERY DETAIL AND ALL ITEMS REQUIRED FOR SUCH AN INSTALLATION SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY INDICATED OR MENTIONED.
6. VISIT THE SITE TO DETERMINE PRE-EXISTING CONDITIONS AND WORK NECESSARY. PRIOR TO SUBMISSION OF BID PRICE. SUBMIT ANY QUESTIONS REQUIRED TO CLARIFY SCOPE PRIOR TO BID. INCLUDE ALL REQUIRED WORK IN BID PRICE.
7. INCLUDE IN BID WHATEVER IS REQUIRED TO MEET SCHEDULE INCLUDING OVERTIME, EXPRESS SHIPPING, EXPEDITING EQUIPMENT, ETC. PLAN PROJECT AND SUBMIT SHOP DRAWING AND ORDER EQUIPMENT IN A TIMELY MANNER. EQUIPMENT SHALL BE BASED ON THE SPECIFIED EQUIPMENT.
8. ANY EQUIPMENT TO BE SUBSTITUTED SHALL BE IDENTIFIED AT TIME OF BID. REFER TO SPECIFICATIONS.
9. TEST ALL EQUIPMENT AND SYSTEMS INSTALLED TO CERTIFY COMPLIANCE WITH DRAWINGS, SPECIFICATIONS, CODES, LOCAL AUTHORITIES AND REGULATIONS. INCLUDE LABOR AND COSTS FOR TESTING, REVIEWS, APPROVALS AND CERTIFICATIONS.
10. PROVIDE TRAINING TO OWNER ON ALL EQUIPMENT AND SYSTEMS INSTALLED.
11. TEMPORARY LIGHTING AND POWER SHALL BE PROVIDED AS REQUIRED BY OSHA, CODES AND LOCAL AUTHORITIES. REMOVE ALL TEMPORARY FACILITIES PROVIDED AT PROJECT COMPLETION.
12. UNLESS OTHERWISE INDICATED ON PLANS OR IN SPECIFICATIONS; ALL CONDUCTORS, POWER DISTRIBUTION EQUIPMENT BUSSING AND TRANSFORMER WINDINGS PROVIDED SHALL BE FABRICATED OF 98% CONDUCTIVE COPPER MATERIAL.

INSTALLATION COORDINATION NOTES

1. PRIOR TO ROUGH-IN OF ELECTRICAL PROVISIONS FOR OWNER FURNISHED EQUIPMENT AND EQUIPMENT PROVIDED BY OTHER TRADES, COORDINATE WITH THE GENERAL CONTRACTOR, EQUIPMENT SHOP DRAWINGS AND APPLICABLE EQUIPMENT INSTALLER FOR EXACT LOCATION AND WIRING REQUIREMENTS. PROVIDE ALL NECESSARY EQUIPMENT, WIRING AND ACCESSORIES FOR COMPLETE INSTALLATION. MAKE ALL FINAL CONNECTIONS AS REQUIRED, I.E POWER, CONTROL, INTERLOCK, ETC.
2. ELECTRICAL EQUIPMENT, RACEWAYS AND OUTLETS MOUNTED TO AND OR INSTALLED IN OWNER FURNISHED FURNITURE SHALL BE COORDINATED WITH THE EQUIPMENT AND FURNITURE INSTALLERS AND THE GENERAL CONTRACTOR PRIOR TO ROUGH-IN, EXCEPT WHERE INDICATED OR REQUIRED OTHERWISE.
3. IF EXACT LOCATION, MOUNTING OR RACEWAY ROUTING ARE NOT INDICATED OR ARE NOT CLEAR OR CONFLICT (LOCATION OR HEIGHT) COORDINATE WITH OTHER TRADES AND REQUEST CLARIFICATION PRIOR TO ROUGHING, OR INSTALLATION. DRAWINGS ARE DIAGRAMMATIC ONLY. EXACT LOCATION, MOUNTING HEIGHTS OF EQUIPMENT AND ROUTING OF RACEWAYS SHALL BE COORDINATED WITH THE EQUIPMENT REQUIREMENTS AND FIELD CONDITIONS.
4. UNLESS OTHERWISE DIRECTED, PROVIDE ALL NEW POWER DISTRIBUTION EQUIPMENT WITH AIC RATINGS THAT MATCH OR EXCEED THE AIC RATING OF THE NEXT ACTIVE EXISTING UPSTREAM OVER-CURRENT PROTECTIVE DEVICE SERVING THE PANEL WHEN SERVED DIRECTLY (EG. NO TRANSFORMER) BY A 277/480 VOLT SOURCE OR PROVIDE AIC RATING THAT EXCEEDS BY 10% THE MAXIMUM LET THROUGH FAULT CURRENT (UNDER INFINITE PRIMARY BUSS) OF THE NEXT ACTIVE UPSTREAM TRANSFORMER (EXISTING OR NEW) SERVING THE RESPECTIVE NEW PANEL.
5. ALL NEW PANELS SHALL BE FULLY RATED FOR THE DESIGNATED AIC VALUE

DEMO SITE PLAN KEYNOTES: (#)

1. IDENTIFIED EXISTING UTILITY POLE AND OVERHEAD WIRING ASSOCIATED WITH THREE EXISTING NATIONAL GRID SUB-METERED ACCOUNTS (THE SCOREBOARD ACC. #2570142006, THE STADIUM ACC. #61286-35008, AND THE TENNIS COURT ACC. #34900-70009) BETWEEN UTILITY POLES #29 AND #29-1 WILL REMAIN AS IS, SCOPE TO BE REVIEWED/CONFIRMED WITH NATIONAL GRID.
2. CONDITION OF UTILITY POLE #29-1 WILL BE EXAMINED BY UTILITY COMPANY, NATIONAL GRID, AND WILL BE REPLACED OR REPAIRED IF SUCH IS REQUIRED. ALL UTILITY POLES DOWNSTREAM FROM THIS POLE AND ASSOCIATED OVERHEAD WIRING WILL BE DISCONNECTED AND REMOVED BY NATIONAL GRID. CONTRACTOR SHALL COORDINATE SCOPE OF WORK AND SCHEDULE WITH NATIONAL GRID.
3. EXISTING SCOREBOARD 200A 120/240V 1PH UTILITY SERVICE POST-MOUNTED METER SHALL BE RELOCATED TO NEW LOCATION, REFER TO NOTE 9 ON NEW SITE PLAN. EXISTING UNDERGROUND WIRING TOWARDS THE SCOREBOARD SHALL BE INTERCEPTED, RE-ROUTED VIA NEW METER LOCATION AND RECONNECTED AT EXISTING POLE #29-1 AS SHOWN ON NEW SITE PLAN. SCOPE TO BE REVIEWED/ CONFIRMED WITH NATIONAL GRID.
4. EXISTING TENNIS COURT UTILITY SERVICE EQUIPMENT CONSISTING OF POLE-MOUNTED TRANSFORMER AND UTILITY METER ALONG WITH EXISTING 200A 120/240V 1PH TENNIS COURT LIGHTING POWER/CONTROL EQUIPMENT SHALL BE RELOCATED TO NEW LOCATION, REFER TO NOTES 5 AND 6 ON NEW SITE PLAN. EXISTING UTILITY SERVICE WIRING SHALL BE INTERCEPTED AT EXISTING POLE #29-1 AND RECONNECTED AS SHOWN ON NEW SITE PLAN. SCOPE TO BE REVIEWED/ CONFIRMED WITH NATIONAL GRID. EXISTING UNDERGROUND POWER AND CONTROLS WIRING SHALL BE DISCONNECTED AND REMOVED WITH ASSOCIATED CONDUITS BY CONTRACTOR. CONTRACTOR SHALL RECONNECT RELOCATED TENNIS COURT LIGHTS TO RELOCATED TENNIS COURT LIGHTING POWER/CONTROL EQUIPMENT AS SHOWN ON NEW SITE PLAN.
5. EXISTING 600A 120/240V 1PH STADIUM LOADS POWER/CONTROL CABINET ALONG WITH UTILITY SERVICE TRANSFORMER AND UTILITY METER LOCATED WITHIN THIS POWER/CONTROL CABINET SHALL BE REMOVED ENTIRELY. EXISTING UTILITY SERVICE WIRING SHALL BE INTERCEPTED AT EXISTING POLE #29-1 AND RECONNECTED TO NEW 800A 120/240V 1PH STADIUM POWER/CONTROL CABINET VIA A NEW PAD-MOUNTED UTILITY TRANSFORMER/UTILITY METER PROVIDED BY NATIONAL GRID. REFER TO NOTES 13 AND 14 ON NEW SITE PLAN, SCOPE TO BE REVIEWED/ CONFIRMED WITH NATIONAL GRID. CONTRACTOR SHALL RECONNECT THE REMAINING EXISTING AND NEW STADIUM LOADS TO NEW STADIUM POWER/CONTROL CABINET AS SHOWN ON NEW SITE PLAN.
6. EXISTING SCOREBOARD UNDERGROUND POWER SERVICE WIRING: (1) 2-1/2"C. 3#250 KCMIL & 1#1/0 GND AND (1) 2-1/12"C. "SPARE" WITH PULL WIRE.
7. EXISTING IN-GROUND 24" x 24" SERVICE BOX WITH COVER.
8. EXISTING IN-GROUND 26" x 36" J-BOX WITH COVER SHALL REMAIN, EXACT LOCATION TO BE VERIFIED IN FIELD.
9. IDENTIFIED EXISTING UNDERGROUND POWER AND CONTROLS WIRING SHALL BE DISCONNECTED AND REMOVED WITH ASSOCIATED "ACTIVE" AND "SPARE" CONDUITS BY CONTRACTOR.
10. ALL EXISTING STADIUM POWER AND CONTROLS WIRING WITHIN FENCED AREA (EXCEPT FOR SCOPE TAGGED BY NOTE 9) SHALL REMAIN AND SHALL BE PROTECTED DURING ALL CONSTRUCTION PHASES.
11. IDENTIFIED EXISTING UTILITY POLES AND ASSOCIATED OVERHEAD PRIMARY WIRING, OWNED AND MAINTAINED BY NATIONAL GRID, WILL REMAIN OPERATIONAL DURING ENTIRE NEW SCHOOL CONSTRUCTION PROJECT, AND THEN WILL BE DISCONNECTED AND REMOVED BY NATIONAL GRID.
12. EXISTING UNDERGROUND SERVICE CONDUITS, PAD-MOUNTED UTILITY TRANSFORMER, PRIMARY AND SECONDARY FEEDERS WILL REMAIN OPERATIONAL DURING ENTIRE NEW SCHOOL CONSTRUCTION PROJECT, AND THEN SHALL BE DISCONNECTED AND REMOVED. PRIMARY WIRING AND TRANSFORMER, OWNED AND MAINTAINED BY NATIONAL GRID, WILL BE DISCONNECTED AND REMOVED BY NATIONAL GRID. REMOVAL OF TRANSFORMER'S GROUNDING, PRIMARY AND SECONDARY UNDERGROUND RACEWAY SYSTEM, SECONDARY FEEDER WIRES - BY ELECTRICAL TRADE CONTRACTOR. REMOVAL OF TRANSFORMER'S CONCRETE PAD - BY SITE CONTRACTOR. PRIOR TO BEGINNING OF SCHOOL BUILDING DEMOLITION CUT, CAP, MAKE-SAFE THE EXISTING ELECTRICAL SERVICE AT THE POINT OF ITS ENTRANCE INSIDE THE BUILDING. SCOPE OF WORK BY DEMOLITION CONTRACTOR STARTS AT THE MAIN SWITCHBOARD, REFER TO NOTE 14. COORDINATE DISCONNECTING SCHEDULE AND SERVICE EQUIPMENT REMOVAL RESPONSIBILITIES WITH NATIONAL GRID.
13. APPROXIMATE LOCATION OF THE EXISTING MAIN ELECTRIC ROOM.
14. APPROXIMATE LOCATION OF THE EXISTING MAIN SWITCHBOARD RATED 1,200 AMP, 277/480V 3PH 4W.
15. EXISTING UTILITY METER, OWNED AND MAINTAINED BY NATIONAL GRID, WILL BE DISCONNECTED AND REMOVED BY NATIONAL GRID.
16. EXISTING WIRING TO SITE POLE-MOUNTED LIGHTS AND CONNECTION TO EXISTING SCHOOL POWER AND CONTROLS SHALL REMAIN OPERATIONAL UNTIL THE RESPECTIVE DEMOLITION PHASE, AND THEN REMOVE ENTIRELY. UNDERGROUND ROUTING AND POINTS OF HOMERUNS ARE SHOWN DIAGRAMMATICALLY, VERIFY IF FIELD.
17. DISCONNECT AND REMOVE EXISTING SITE POLE-MOUNTED LIGHT IN RESPECTIVE DEMOLITION PHASE. REMOVAL OF CONCRETE BASE - BY SITE CONTRACTOR.
18. OUTLINED IS THE INITIAL DEMOLITION PHASE SCHOOL BUILDING AREA.
19. APPROXIMATE LOCATION OF THE EXISTING STORAGE CONTAINING ELECTRICAL PANELS AND TRANSFORMER, VERIFY IN FIELD.
20. APPROXIMATE LOCATION OF THE EXISTING DISTRIBUTION PANEL "DP-G" SUPPORTING THE BUILDING AREA OUTLINED BY NOTE 18. PRIOR TO BEGINNING OF DEMOLITION IN THIS AREA DISCONNECT PANEL FROM THE MAIN SWITCHBOARD (NOTE 14) AND PROVIDE LOCK-ON DEVICE ON RESPECTIVE CIRCUIT BREAKER.
21. PRIOR TO BEGINNING OF DEMOLITION IN AREA OUTLINED BY NOTE 18 REMOVE POWER FEEDER TO PANEL "DP-G" (NOTE 20). VERIFY THE EXISTING FEEDER ROUTING IN FIELD. COORDINATE FEEDER REMOVAL SCHEDULE WITH OTHER TRADES.
22. DISCONNECT AND REMOVE ALL POWER AND CONTROL WIRING ASSOCIATED WITH EXISTING SCOREBOARD, COORDINATE LOCATION IN FIELD.
23. IDENTIFIED UTILITY POLE SHALL TEMPORARILY REMAIN IN EXISTING LOCATION WITH ASSOCIATED POLE-MOUNTED LIGHT DURING PHASE 1A, 1B, AND 1C. LIGHTS SHALL BE TEMPORARILY RECONNECTED TO EXISTING SCHOOL POWER DISTRIBUTION SYSTEM. COORDINATE RECONNECTING AND REMOVAL SCHEDULE WITH NATIONAL GRID. FOR ADDITIONAL INFORMATION REFER TO DRAWING ES101.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ELECTRICAL SITE DEMOLITION PLAN

EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 80'
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

ESD101

ELECTRICAL SITE PLAN KEYNOTES:

1. PROVISIONS FOR NEW SCHOOL UTILITY SERVICE: NEW UTILITY POLE AND OVERHEAD PRIMARY WIRING - BY UTILITY COMPANY, NATIONAL GRID. COORDINATE SCOPE OF WORK AND SCHEDULE WITH NATIONAL GRID.
2. PROVIDE POLE RISERS AND UNDERGROUND CONCRETE-ENCASED CONDUITS WITH PULL WIRES TOWARDS THE NEW PAD-MOUNTED TRANSFORMER (NOTE X) PER NATIONAL GRID STANDARDS. CONCRETE-ENCASEMENT - BY G.C. PRIMARY WIRING AND TERMINATIONS ON BOTH ENDS - BY NATIONAL GRID. FOR ADDITIONAL INFORMATION REFER TO POWER ONE-LINE DIAGRAM ON DRAWING EP607A.
3. PROVISIONS FOR NEW SCHOOL COMMUNICATION SERVICES: NEW UTILITY POLE AND OVERHEAD WIRING BY RESPECTIVE SERVICE PROVIDERS. PROVIDE POLE RISERS AND UNDERGROUND CONCRETE-ENCASE CONDUITS WITH PULL WIRES AS SHOWN ON SITE PLANS. CONCRETE-ENCASEMENT - BY G.C. COORDINATE SCOPE OF WORK AND SCHEDULE.
4. EXISTING OVERHEAD WIRING ASSOCIATED WITH THREE EXISTING SUB-METERED ACCOUNTS (THE SCOREBOARD ACC. #25707-42006, THE STADIUM ACC. #51284-35008, AND THE TENNIS COURT ACC. #24900-70509) SHALL REMAIN BETWEEN UTILITY POLES #29 AND #29-1 AS IS (TO BE REVIEWED/CONFIRMED WITH NATIONAL GRID), BUT SHALL BE RE-ROUTED UNDERGROUND STARTING FROM POLE #29-1 AND MODIFIED/RECONNECTED AS SHOWN. REFER TO NOTES 5 THROUGH 18.
5. NEW LOCATION FOR RELOCATED TENNIS COURT POLE-MOUNTED UTILITY TRANSFORMER. INSTALLATION AND TRANSFORMER'S PRIMARY/SECONDARY FEEDER TERMINATIONS - BY NATIONAL GRID. TRANSFORMER'S GROUNDING - BY CONTRACTOR PER NATIONAL GRID STANDARDS.
6. NEW LOCATION FOR RELOCATED 200A 120/240V 1PH 3W TENNIS COURT LIGHTING POWER AND CONTROL EQUIPMENT AND NATIONAL GRID UTILITY SERVICE METER. REINSTALL AND RECONNECT ALL POWER AND CONTROL EQUIPMENT TO MATCH THE EXISTING ARRANGEMENT. CONCRETE PAD - BY G.C. PROVIDE POWER AND CONTROL WIRING TO (8) RELOCATED TENNIS COURT LIGHTS TO MATCH THE EXISTING ARRANGEMENT. UTILITY METER INSTALLATION - BY CONTRACTOR PER NATIONAL GRID STANDARDS.
7. NEW UTILITY POLE AND OVERHEAD PRIMARY WIRING - BY NATIONAL GRID. PROVIDE POLE RISERS AND UNDERGROUND CONCRETE-ENCASED CONDUITS WITH PULL WIRES TOWARDS THE NEW POWER AND CONTROLS EQUIPMENT. FOR FEEDER SIZE REFER TO POWER ONE-LINE DIAGRAM. ON DWG. EP607B. SECONDARY FEEDER CONDUITS SHALL BE INSTALLED 36" BELOW GRADE TO TOP OF CONDUIT, OTHERWISE CONDUITS SHALL BE CONCRETE-ENCASED.
8. NEW LOCATION FOR RELOCATED 200A 120/240V 1PH SCOREBOARD POST-MOUNTED NATIONAL GRID UTILITY METER AND DISCONNECT. REINSTALL AND RECONNECT POWER WIRING TO MATCH EXISTING ARRANGEMENT. PROVIDE GROUNDING PER NATIONAL GRID STANDARDS. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH NATIONAL GRID.
9. PROVIDE SCOREBOARD UNDERGROUND POWER SERVICE WIRING: (1)-2 1/2" C. 3#300 KCMIL & 1#1/0 GND. AND (1)-2 1/12"C. "SPARE" WITH PULL WIRE. FEEDER CONDUITS SHALL BE INSTALLED 36" BELOW GRADE TO TOP OF CONDUIT, OTHERWISE CONDUITS SHALL BE CONCRETE-ENCASED.
10. RECONNECT THE EXISTING SCOREBOARD POWER WIRING IN EXISTING IN-GROUND SERVICE BOX, EXACT LOCATION TO BE VERIFIED IN FIELD.
11. PROVIDE POLE RISERS AND UNDERGROUND CONCRETE-ENCASED RACEWAY SYSTEM CONSISTING OF (2)-4" CONDUITS WITH PULL WIRES TOWARDS THE NEW PAD-MOUNTED TRANSFORMER FOR STADIUM LOADS (NOTE 13) AND (2)-2 1/2" CONDUITS TOWARDS THE RELOCATED SCOREBOARD POST-MOUNTED UTILITY METER (NOTE 8). CONCRETE-ENCASEMENT - BY G.C., PRIMARY WIRING - BY NATIONAL GRID.
12. PROVIDE UNDERGROUND CONCRETE-ENCASED RACEWAY SYSTEM CONSISTING OF (2)-4" CONDUITS WITH PULL WIRES TOWARDS THE NEW PAD-MOUNTED TRANSFORMER FOR STADIUM LOADS (NOTE 13). PRIMARY WIRING AND TERMINATIONS AT UTILITY POLE UPK29-1 AND AT TRANSFORMER - BY NATIONAL GRID. CONCRETE-ENCASEMENT - BY G.C.
13. NEW PAD-MOUNTED UTILITY TRANSFORMER WITH 120/240V 1PH 3W SECONDARY VOLTAGE CONFIGURATION AND UTILITY METER - BY NATIONAL GRID. GROUNDING - BY CONTRACTOR PER NATIONAL GRID STANDARDS. CONCRETE PAD - BY G.C. PER NATIONAL GRID STANDARDS.
14. PROVIDE NEW 600A 120/240V 1PH 3W POWER PANEL AND REINSTALL/RECONNECT RELOCATED CONTROLLER FOR STADIUM LIGHTS. CONCRETE PAD - BY G.C.
15. CONTRACTOR IS RESPONSIBLE FOR TRANSFORMER'S SECONDARY FEEDER AND TERMINATIONS AT STADIUM LOADS POWER PANEL. FOR FEEDER SIZE REFER TO POWER ONE-LINE DIAGRAM. SECONDARY FEEDER CONDUITS SHALL BE INSTALLED 36" BELOW GRADE TO TOP OF CONDUIT, OTHERWISE CONDUITS SHALL BE CONCRETE-ENCASED.
16. PROVIDE POWER FEEDER TO NEW PRESS BOX PANEL, DESIGN TO BE FINALIZED. FEEDER CONDUIT SHALL BE INSTALLED 36" BELOW GRADE TO TOP OF CONDUIT, OTHERWISE CONDUIT SHALL BE CONCRETE-ENCASED.
17. PROVIDE POWER FEEDER TO CONCESSIONS STAND PANEL, DESIGN TO BE FINALIZED. FEEDER CONDUIT SHALL BE INSTALLED 36" BELOW GRADE TO TOP OF CONDUIT, OTHERWISE CONDUIT SHALL BE CONCRETE-ENCASED.
18. PROVIDE POWER FEEDERS (REPLICATING EXISTING FEEDERS) TO EXISTING IN-GROUND J-BOX, DESIGN TO BE FINALIZED. FEEDER CONDUITS SHALL BE INSTALLED 36" BELOW GRADE TO TOP OF CONDUIT, OTHERWISE CONDUITS SHALL BE CONCRETE-ENCASED.
19. FOR DUCT BANK SECTION REFER TO RESPECTIVE DETAIL ON DRAWING ES501. PROVIDE 12" MIN BETWEEN POWER AND COMMUNICATION SERVICE CONDUITS.
20. PROVIDE ELECTRICAL MANHOLE PER NATIONAL GRID STANDARDS. COORDINATE THE REQUIRED QUANTITY, TYPE AND LOCATIONS WITH NATIONAL GRID.
21. PROVIDE COMMUNICATIONS SERVICE MANHOLE PER SERVICE PROVIDERS' STANDARDS. COORDINATE THE REQUIRED QUANTITY, TYPE AND LOCATIONS WITH RESPECTIVE SERVICE PROVIDERS.
22. PROVIDE NEW POLE BASES PER MUSCO LIGHTING STANDARDS AND REINSTALL/RECONNECT EXISTING RELOCATED TENNIS COURT LIGHTS. ALL LIGHT HEADS SHALL BE CLEANED AND AIMED PER MUSCO RECOMMENDATIONS. DESIGN TO BE FINALIZED.
23. PROVIDE HANDHOLE AND POWER/COMMUNICATIONS WIRING TERMINATED AT HANDHOLE FOR FUTURE EV CHARGER STATION. FOR ADDITIONAL INFORMATION REFER TO DETAIL G1 ON DRAWING ES501.
24. FURNISH AND INSTALL EV CHARGER STATION. FOR ADDITIONAL INFORMATION REFER TO DETAIL G1 ON DRAWING ES501. PROVIDE POWER/COMMUNICATIONS WIRING AND FINAL CONNECTIONS.



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ELECTRICAL SITE PLAN

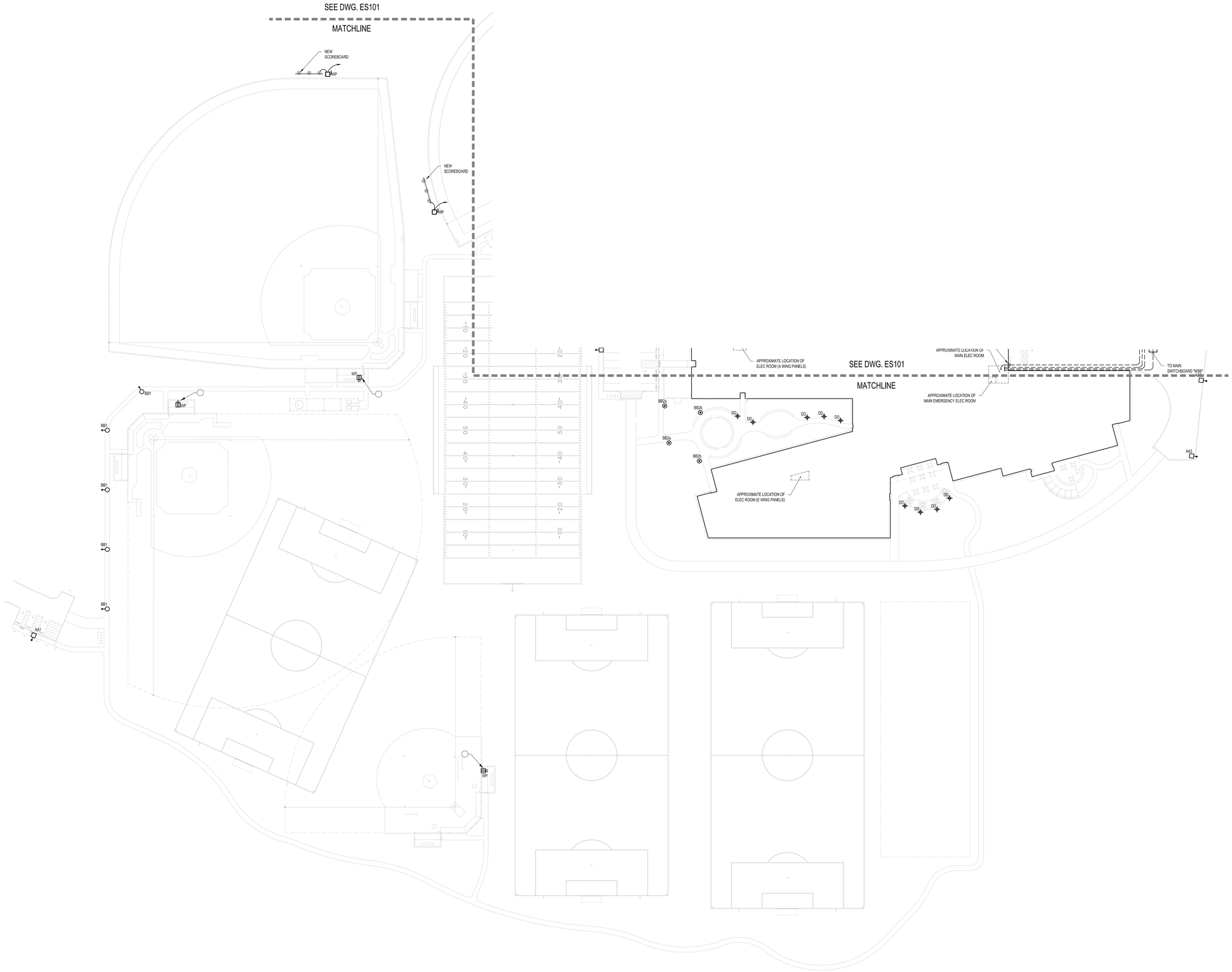
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

ES101

SEE DRAWING ES101
FOR KEYNOTES



JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ELECTRICAL SITE PLAN

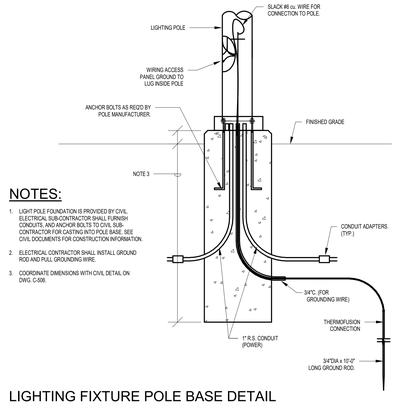
EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 40'
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

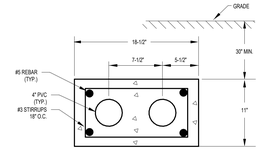
ES102



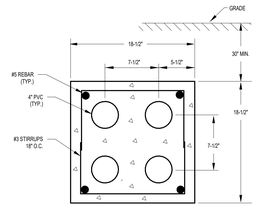
NOTES:

1. LIGHT POLE FOUNDATION IS PROVIDED BY CIVIL. ELECTRICAL SUB-CONTRACTOR SHALL FURNISH CONDUITS, AND ANCHOR BOLTS TO CIVIL SUB-CONTRACTOR FOR CASTING INTO POLE BASE. SEE CIVIL DOCUMENTS FOR CONSTRUCTION INFORMATION.
2. ELECTRICAL CONTRACTOR SHALL INSTALL GROUND ROD AND PULL GROUNDING WIRE.
3. COORDINATE DIMENSIONS WITH CIVIL DETAIL ON DWG. C-606.

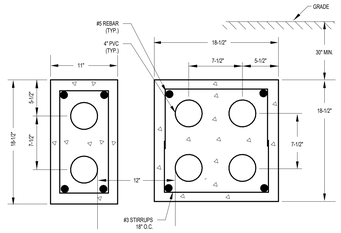
C1 LIGHTING FIXTURE POLE BASE DETAIL (FOR POLE WITHOUT CCTV CAMERA)
SCALE: N.T.S.



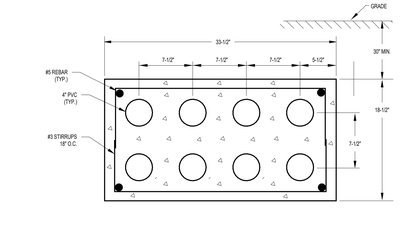
B5 DUCT BANK DETAIL - SECTION "A-A" (2) CONDUITS
SCALE: NTS



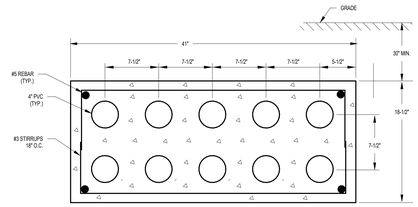
B7 DUCT BANK DETAIL - SECTION "B-B" (4) CONDUITS
SCALE: NTS



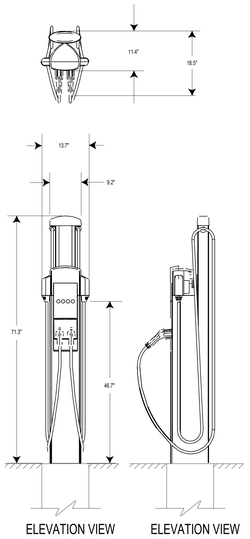
C5 DUCT BANK DETAIL - SECTION "C-C" (6) CONDUITS
SCALE: NTS



C7 DUCT BANK DETAIL - SECTION "D-D" (8) CONDUITS
SCALE: NTS



E7 DUCT BANK DETAIL - SECTION "E-E" (10) CONDUITS
SCALE: NTS



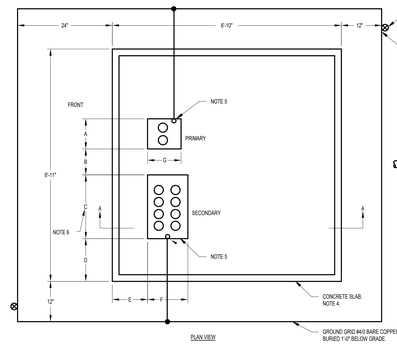
POWER SPECIFICATIONS (EACH CHARGING UNIT)	
INPUT POWER	208-240VAC, 32A, SINGLE PHASE, 60HZ
INPUT POWER CONNECTION	LINE 1, LINE 2, AND GROUND
FEEDER CIRCUIT BREAKER	2-POLE, 40A, NON-GFCI TYPE

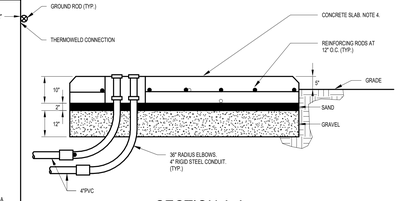
PROTECTION	
GROUND FAULT PROTECTION	INTEGRAL, CCID 20mA, AUTO RESET
GROUND FAULT PROTECTION SYSTEM TEST	AUTOMATIC TEST AT THE BEGINNING OF EACH CHARGE CYCLE

NOTES:

1. PEDESTAL MOUNTED, DUAL TYPE, ELECTRIC VEHICLE CHARGING STATION. (MODEL: CHARGEPOINT CT4021 OR EQUIVALENT)
2. INSTALL PER MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS.
3. BASIS OF DESIGN IS CHARGEPOINT, WHICH DOES NOT REQUIRE BUILDING DATA CONNECTION. HOWEVER, EMPTY CONDUIT FOR DATA WILL BE PROVIDED. SEE ELECTRICAL SITE PLAN FOR CONDUIT QUANITY AND GENERAL LOCATION.
4. COORDINATE WITH C-SERIES DRAWINGS FOR FINAL LOCATION OF EV CHARGER PEDESTAL.
5. SEE ELECTRICAL SITE PLAN FOR BRANCH CIRCUITRY INFORMATION.
6. SEE SPECIFICATIONS FOR ADDITIONAL EV CHARGING STATION INFORMATION.

G1 EV CHARGER STATION
SCALE: NTS





SECTION A-A

NOTES:

1. REFER TO DRAWING FOR ORIENTATION OF PAD.
2. USE ALL 36" LONG RADIUS ELBOWS ON PRIMARY AND SECONDARY CONDUITS.
3. GROUND GRID SHALL CONSIST OF NO.4/0 BARE COPPER CONDUCTOR. GROUNDING RODS SHALL BE 3/4"X10' LONG.
4. CONCRETE SHALL BE 4000 PSI AIR ENTRAINED CONCRETE WITH 1/2" REINFORCING RODS AS SHOWN.
5. LEAVE 5' OF FREE LENGTH OF GROUNDING CONDUCTOR FOR CONNECTIONS.
6. PAD DIMENSIONS FROM "A" THRU "G" SHALL BE CONFIRMED WITH TRANSFORMER SHOP DRAWING BEFORE INSTALLATION OF PAD.

G5 PAD MOUNTED TRANSFORMER PAD DETAIL
SCALE: NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

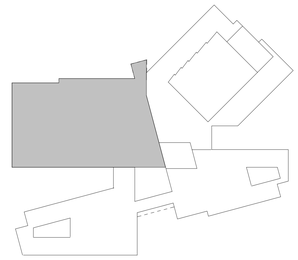
ELECTRICAL SITE DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

ES501



KEY PLAN - A WING
SCALE: 1" = 100'-0"

GENERAL POWER NOTES:

1. REFER TO MECHANICAL FLOOR PLANS FOR EXACT LOCATION OF ALL MECHANICAL EQUIPMENT.
2. REFER TO ARCHITECTURAL ELEVATIONS AND DETAILS, AND FURNITURE VENDOR DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES.
3. EXACT ROUTING OF ALL CONDUITS TO BE COORDINATED IN THE FIELD. ELECTRICAL CONTRACTOR SHALL MAKE SURE THAT CONDUIT ROUTINGS ARE AS DIRECT AS POSSIBLE IN NEAT RECTILINEAR FASHION.
4. ELECTRICAL CONTRACTOR SHALL CONFIRM EXACT ELECTRICAL REQUIREMENTS OF ALL NEW EQUIPMENT WITH MANUFACTURER SPECIFICATION PRIOR TO ROUGH-IN.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT POWER FEED LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.

POWER / FIRE ALARM KEYNOTES: (F)

1. "GMD" DENOTES "GROUP MOUNTED DEVICES" WHERE LETTER ("A", "B", ETC.) IDENTIFY A SPECIFIC COMBINATION OF ELECTRICAL DEVICES SUCH AS CLOCK, FIRE ALARM DEVICE, TELEPHONE HAND SET, DUPLEX RECEPTACLE AND LIGHTING CONTROL STATIONS, AS APPLICABLE. FOR COMBINATION OPTIONS ("A", "B", ETC.) REFER TO LEGEND ON DRAWING E-001. DEVICES SHALL BE INSTALLED IN ORGANIZED MANNER. FOR GMD AND DEVICE MOUNTING HEIGHTS REFER TO DETAILS ON ARCHITECTURAL DRAWING. FOR QUANTITY OF LIGHTING SWITCHES (WHERE APPLICABLE) REFER TO RESPECTIVE LIGHTING PLAN. FOR TELEPHONE OUTLET TYPE REFER TO DRAWING ET501. NUMBER NEXT TO GMD SYMBOL REPRESENTS POWER CIRCUIT NUMBER FEEDING DUPLEX RECEPTACLE. XXcct NEXT TO GMD SYMBOL REPRESENTS FIRE ALARM SIGNALING DEVICE RATING. CLOCKS SHALL BE POWERED BY THE SAME CIRCUIT AS THE GMD RECEPTACLE, EXCEPT AHEAD OF RECEPTACLE'S CONTROL MEASURES (TIME CLOCK OR OCCUPANCY SENSOR WHERE APPLICABLE). FOR GMD EXACT LOCATIONS REFER TO ARCHITECTURAL PLANS.
2. "NC" DENOTES "NOT CONTROLLED" POWER DEVICE. PROVIDE COVER PLATE WITH ENGRAVED LEGEND READING "NOT CONTROLLED."
3. "TC" DENOTES "TIME CONTROLLED" POWER DEVICE. PROVIDE WITH NEC COMPLIANT "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON RECEPTACLE FACE.
4. UNLESS OTHERWISE NOTED, ALL RECEPTACLES IN INDIVIDUAL ROOMS, EXCEPT THOSE NOTED "NC" (NOT CONTROLLED) AND "TC" (TIME CONTROLLED) SHALL BE WIRED VIA THESE ROOMS' PLUG LOAD CONTROLLERS AND ROOMS' OCCUPANCY SENSORS. ROOMS' OCCUPANCY SENSORS ARE SHOWN ON LIGHTING PLANS.
5. INDICATED CIRCUIT SHALL RUN VIA A DEDICATED "PLUG LOAD CONTROLLER" AND NETWORKED PROGRAMMABLE CONTROL SYSTEM. REFER TO CONTROL SCHEDULE DRAWING.
6. INDICATED CIRCUIT IS WIRED DIRECTLY TO RESPECTIVE POWER PANEL AS SHOWN AND HAS NO ASSOCIATED MEANS OF "TIME" OR "OCCUPANCY" CONTROLS.
7. PROVIDE POWER FOR VISUAL DISPLAY SCREEN. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS.
8. DEDICATED OUTLET(S) FOR CHARGING STATIONS. EXACT LOCATION AND MOUNTING HEIGHT SHALL BE COORDINATED IN FIELD.
9. COORDINATE EXACT LOCATION OF TEACHER DESK DEVICES WITH ARCHITECTURAL PLANS.
10. "E" DENOTES RECEPTACLE IS WIRED TO "EMERGENCY" POWER SOURCE. PROVIDE RED COLOR DEVICE. PROVIDE COVER PLATE WITH ENGRAVED LEGEND READING "EMERGENCY."
11. WIRE TO GFCI CIRCUIT BREAKER.
12. COORDINATE LOCATION, MOUNTING HEIGHT AND INSTALLATION CONCEPT WITH ARCHITECTURAL DOCUMENTS.
13. SPECIAL OUTLET DEDICATED FOR LARGE COPIER, COORDINATE LOCATION AND POWER REQUIREMENTS IN FIELD.
14. FOR CIRCUIT BREAKER AND FEEDER SIZE REFER TO RESPECTIVE PANEL SCHEDULE.
15. PROVIDE WIRING TO ELEVATOR CAB LIGHTING AND ELEVATOR CONTROLS.
16. ELEVATOR PIT MOUNTED DUPLEX RECEPTACLE. INSTALL 2FT ABOVE THE PIT FLOOR. EXACT LOCATION TO BE COORDINATED IN FIELD.
17. FOR ELEVATOR RECALL WIRING REFER TO DETAILS SHEET.
18. PROVIDE POWER WIRING AND FINAL CONNECTIONS TO NOTED PIECE OF EQUIPMENT VIA DEDICATED LOCAL SWITCH. FOR ADDITIONAL INFORMATION REFER TO MECHANICAL SCHEDULES.
19. RECEPTACLE DEDICATED FOR GOGGLE CABINET. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS.
20. LOCATION OF PV SYSTEM INVERTERS IN 'OPTION 2'. REFER TO POWER ONE-LINE DIAGRAM FOR WIRING INFORMATION.
21. PROVIDE POWER AND CONTROL WIRING TO OVERHEAD DOOR OPERATOR PER MANUFACTURER'S RECOMMENDATIONS.
22. PROVIDE POWER AND CONTROL WIRING TO DOCK LEVELER PER MANUFACTURER'S RECOMMENDATIONS.
23. PROVIDE POWER FOR AUDIOVISUAL SYSTEM EQUIPMENT. COORDINATE MOUNTING HEIGHT WITH AV DRAWINGS.
24. PROVIDE PV SYSTEM PANELS AND WIRING TO RESPECTIVE INVERTERS INSTALLED IN LOCATIONS PER 'OPTION 1' OR 'OPTION 2'. DESIGN TO BE FINALIZED. REFER TO POWER ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
25. PROVIDE POWER AND FINAL CONNECTIONS TO SCOREBOARD AND RECEIVER PER MANUFACTURER'S RECOMMENDATIONS. EXACT LOCATION OF POWER ROUGH-IN SHALL BE COORDINATED IN FIELD.
26. PROVIDE POWER TO PROJECTION SCREEN VIA AV CONTROL PANEL AND MAKE FINAL CONNECTIONS. EXACT LOCATIONS AND MOUNTING HEIGHTS SHALL BE COORDINATED WITH AV DRAWINGS.
27. PROVIDE POWER FOR PROJECTOR VIA AV CONTROL PANEL. EXACT LOCATION AND MOUNTING HEIGHT SHALL BE COORDINATED WITH AV DRAWINGS.
28. LOCATION OF WINDOW SHADE CONTROLLERS. PROVIDE WIRING FROM INDIVIDUAL SHADE CONTROLLERS TO RESPECTIVE WINDOW SHADE MOTORS (REFER TO NOTE 29) AND CONTROL STATIONS (REFER TO NOTE 30). FOR WINDOW SHADES "GROUPING CONCEPT" ("ZONES") REFER TO RESPECTIVE ROOM SCHEDULE IN SPECIFICATION 12 24 13. WIRING FROM CONTROLLERS TO INDIVIDUAL SHADE MOTOR OPERATORS SHALL RUN CONCEALED, INCLUDING PRE-WIRED WHIPS AT FINAL CONNECTING LOCATIONS. VISIBLE WALL/CEILING MOUNTED J-BOXES ARE NOT ALLOWED. COORDINATE INSTALLATION AND WIRING METHODS IN FIELD.
29. APPROXIMATE LOCATION OF WINDOW SHADE ROLLER MOTOR(S), OPERATING AS SINGLE OR A GROUP OF INTERCONNECTED ROLLS. FOR ADDITIONAL INFORMATION REFER TO NOTES 28 AND 30.
30. LOCATION OF WINDOW SHADE CONTROL STATION(S). ACTUAL NUMBER OF CONTROL STATION(S) AND CONTROL ZONES SHALL BE VERIFIED WITH APPROVED SUBMITTALS. FOR ADDITIONAL INFORMATION REFER TO NOTES 28 AND 29.

PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".

N

G1 1ST FLOOR POWER & FIRE ALARM PLAN - A
SCALE: 1/8" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 POWER AND FIRE ALARM PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E101.1

FOR KEYNOTES, REFER TO DWG. E101.1

PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".

G4 1ST FLOOR POWER AND FIRE ALARM PLAN - B
SCALE: 1/8" = 1'-0"

KEY PLAN - B WING
SCALE: 1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 POWER AND FIRE ALARM PLAN - B WING

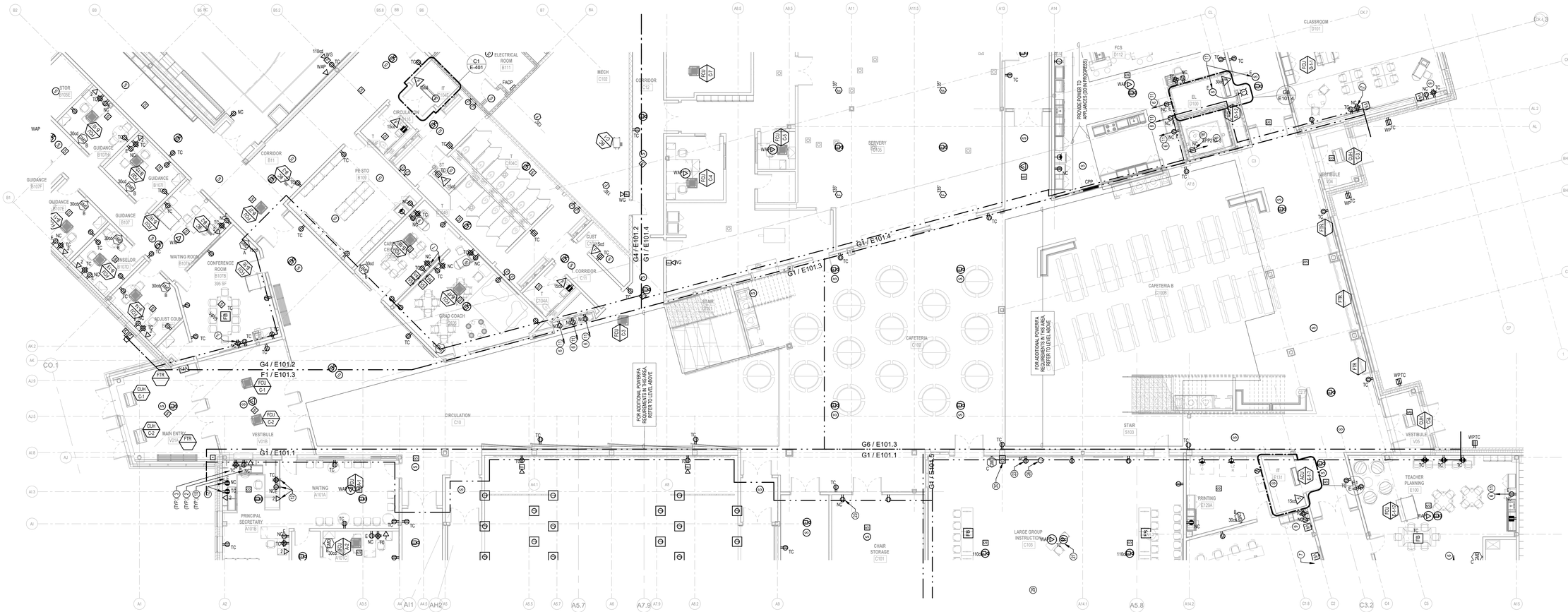
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E101.2

FOR KEYNOTES, REFER TO DWG. E101.1

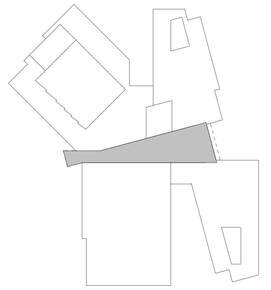


G1 1ST FLOOR POWER AND FIRE ALARM PLAN - C
SCALE: 1/8" = 1'-0"

PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 POWER AND FIRE ALARM PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E101.3

FOR KEYNOTES, REFER TO DWG. E101.1

PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".

G1 1ST FLOOR POWER AND FIRE ALARM PLAN - D
SCALE: 1/8" = 1'-0"

G8 EL D100 - PART PLAN
SCALE: 1/4" = 1'-0"

KEY PLAN - D WING
SCALE: 1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 POWER AND FIRE ALARM PLAN - D WING

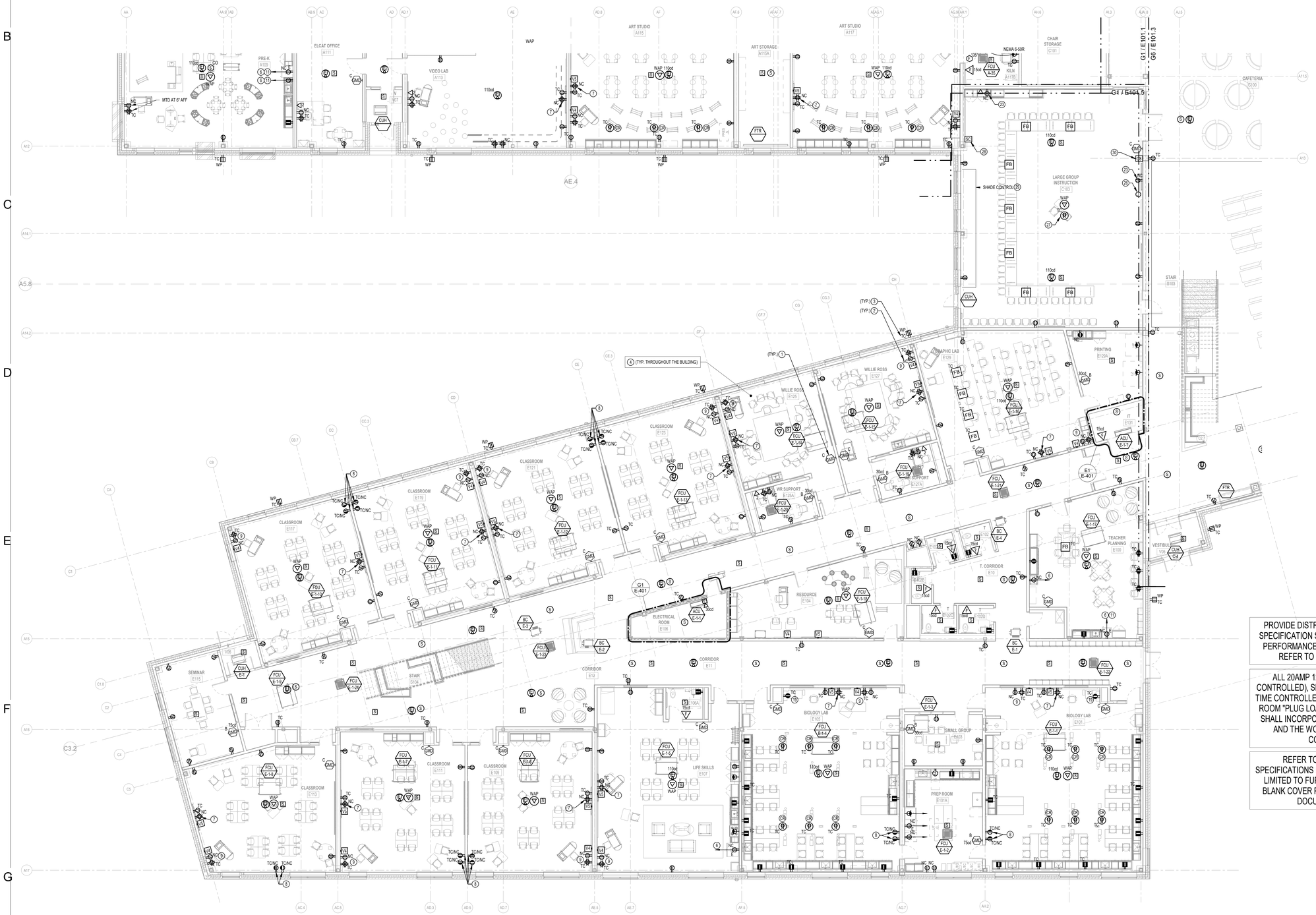
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E101.4

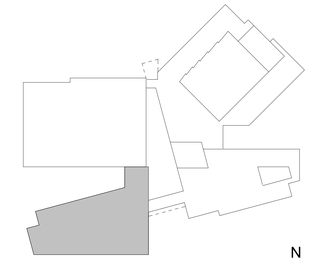
FOR KEYNOTES, REFER TO DWG. E101.1



PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".



KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

G1 1ST FLOOR POWER AND FIRE ALARM PLAN - E
SCALE: 1/8" = 1'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 POWER AND FIRE ALARM PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E101.5

FOR KEYNOTES, REFER TO DWG. E101.1

LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

FOR ADDITIONAL POWER/FA REQUIREMENTS IN THIS AREA, REFER TO LEVEL BELOW

"STAGE LTG" DIMMER CABINET

"HOUSE LTG" DIMMER CABINET

PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".

G1 2ND FLOOR POWER AND FIRE ALARM PLAN - A
SCALE: 1/8" = 1'-0"

KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 POWER AND FIRE ALARM PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E102.1

FOR KEYNOTES, REFER TO DWG. E101.1

LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

(24)

MOUNTED 6'-8" ABOVE TOP LANDING

MOUNTED 6'-8" ABOVE TOP LANDING

SCOREBOARD

FOR ADDITIONAL POWER/FA REQUIREMENTS IN THIS AREA REFER TO LEVEL BELOW

SHOT CLOCK (TYP. FOR 2)

BACKBOARD HEIGHT ADJUSTER (TYP. FOR 6)

BASKETBALL BACKSTOP OPERATOR (TYP. FOR 6)

LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

(24)

LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

(24)

STUDENT ACTIVITIES D201B

RESOURCE D227

STUDENT ACTIVITIES D201A

CLASSROOM D225

PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".

G4 2ND FLOOR POWER AND FIRE ALARM PLAN - B
SCALE: 1/8" = 1'-0"

KEY PLAN - B WING
SCALE: 1" = 100'-0"

PN

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 POWER AND FIRE ALARM PLAN - B WING

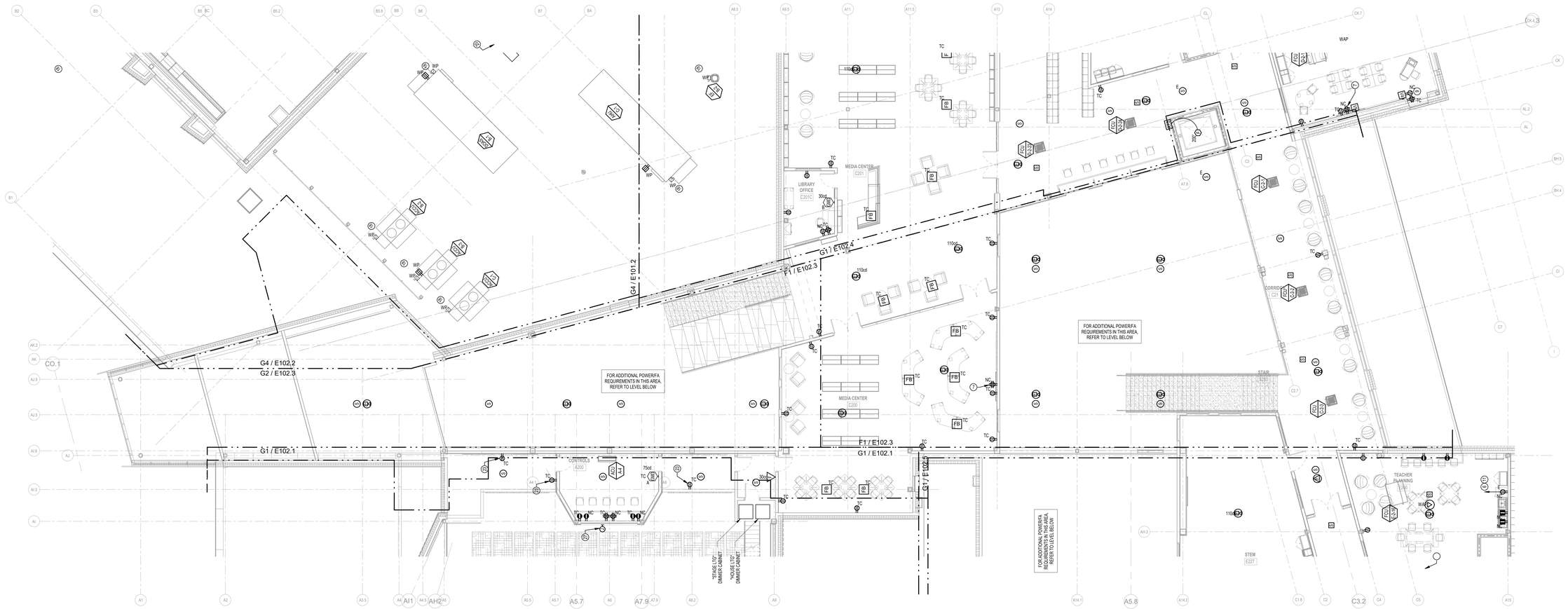
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E102.2

FOR KEYNOTES, REFER TO DWG. E101.1

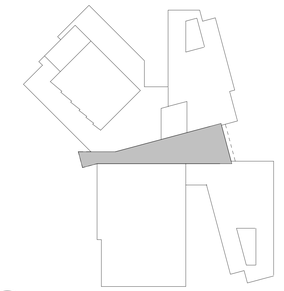


F1 2ND FLOOR POWER AND FIRE ALARM PLAN - C
SCALE: 1/8" = 1'-0"

PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 POWER AND FIRE ALARM PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E102.3

FOR KEYNOTES, REFER TO DWG. E101.1

LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

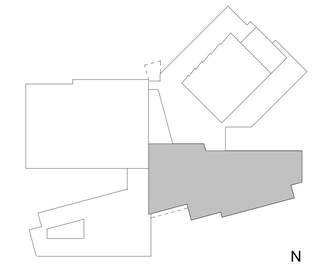
FOR ADDITIONAL POWER/FA REQUIREMENTS IN THIS AREA, REFER TO LEVEL BELOW

PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".

G1 2ND FLOOR POWER AND FIRE ALARM PLAN - D
SCALE: 1/8" = 1'-0"



KEY PLAN - D WING
SCALE: 1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 POWER AND FIRE ALARM PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E102.4

FOR KEYNOTES, REFER TO DWG. E101.1

LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

FOR ADDITIONAL POWER/FA REQUIREMENTS IN THIS AREA, REFER TO LEVEL BELOW

FOR ADDITIONAL POWER/FA REQUIREMENTS IN THIS AREA, REFER TO LEVEL BELOW

4 (TYP. THROUGHOUT THE BUILDING)

PROVIDE DISTRIBUTED ANTENNA SYSTEM THROUGHOUT, REFER TO SPECIFICATION SECTION 27 53 19 FOR DISTRIBUTED ANTENNA SYSTEM PERFORMANCE CRITERIA, HARDWARE AND WIRING REQUIREMENTS. REFER TO DRAWING ET601 FOR ADDITIONAL INFORMATION.

ALL 20AMP 120V RECEPTACLES, EXCEPT FOR NOTED "NC" (NOT CONTROLLED), SHALL BE CONTROLLED BY TIME PROGRAM (NOTED "TC", TIME CONTROLLED) OR BY ROOM OCCUPANCY SENSORS VIA DEDICATED ROOM "PLUG LOAD CONTROLLERS." ALL "CONTROLLED" RECEPTACLES SHALL INCORPORATE "CONTROLLED RECEPTACLE" MARKING SYMBOL AND THE WORD "CONTROLLED" ON THE RECEPTACLE FACE, IN COMPLIANCE WITH NEC AND ASHRAE 90.1.

REFER TO "T" AND "AV" SERIES DRAWINGS AND DIV.27, 28 SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK INCLUDING BUT NOT LIMITED TO FURNISHING/INSTALLING OF CONDUITS, OUTLET BOXES, BLANK COVER PLATES, ETC. -SCOPE DENOTED IN AFOREMENTIONED DOCUMENTS AS "BY ELECTRICAL CONTRACTOR".

G1 2ND FLOOR POWER AND FIRE ALARM PLAN - E
SCALE: 1/8" = 1'-0"

KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 POWER AND FIRE ALARM PLAN - E WING

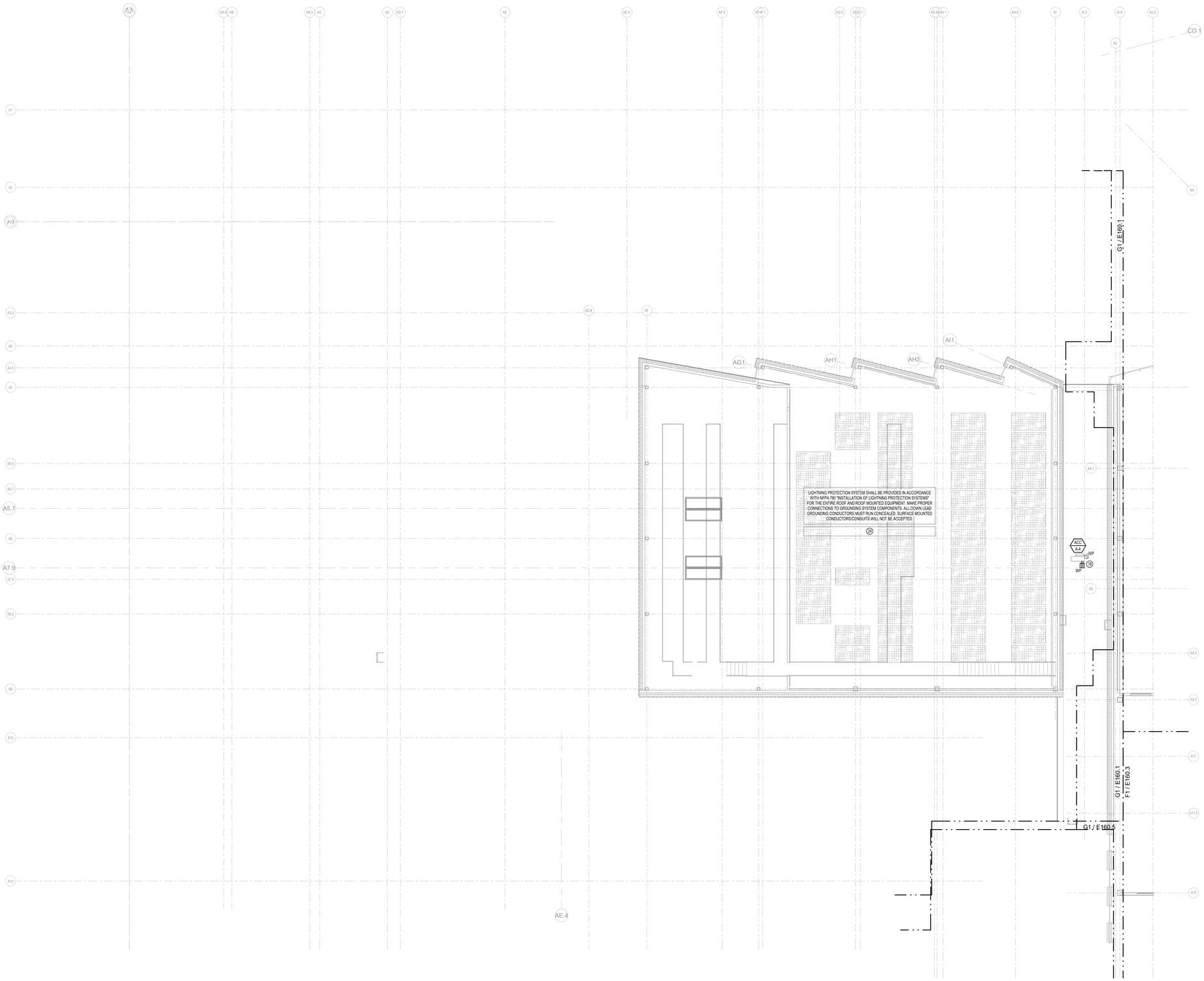
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

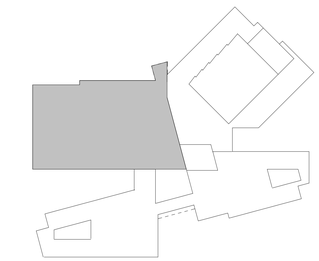
DD SET

E102.5

FOR KEYNOTES, REFER TO DWG. E101.1



G1 ROOF POWER AND FIRE ALARM PLAN - A
SCALE: 1/8" = 1'-0"



KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ROOF ELECTRICAL PLAN - A WING

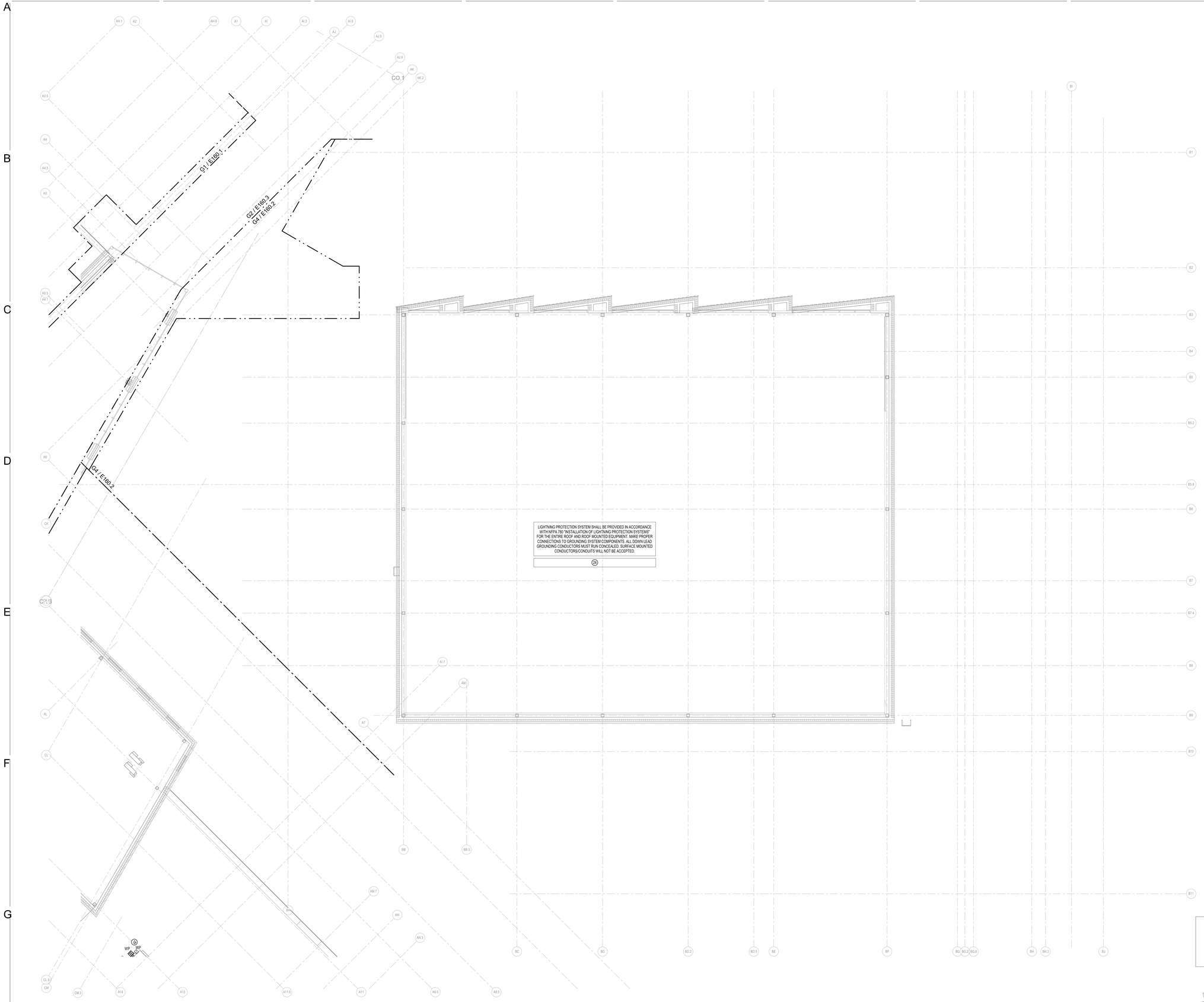
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E160.1

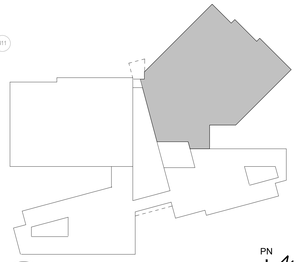
FOR KEYNOTES, REFER TO DWG. E101.1



LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

24

G4 ROOF POWER AND FIRE ALARM PLAN - B
SCALE: 1/8" = 1'-0"



KEY PLAN - B WING
SCALE: 1" = 100'-0"

PN

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ROOF ELECTRICAL PLAN - B WING

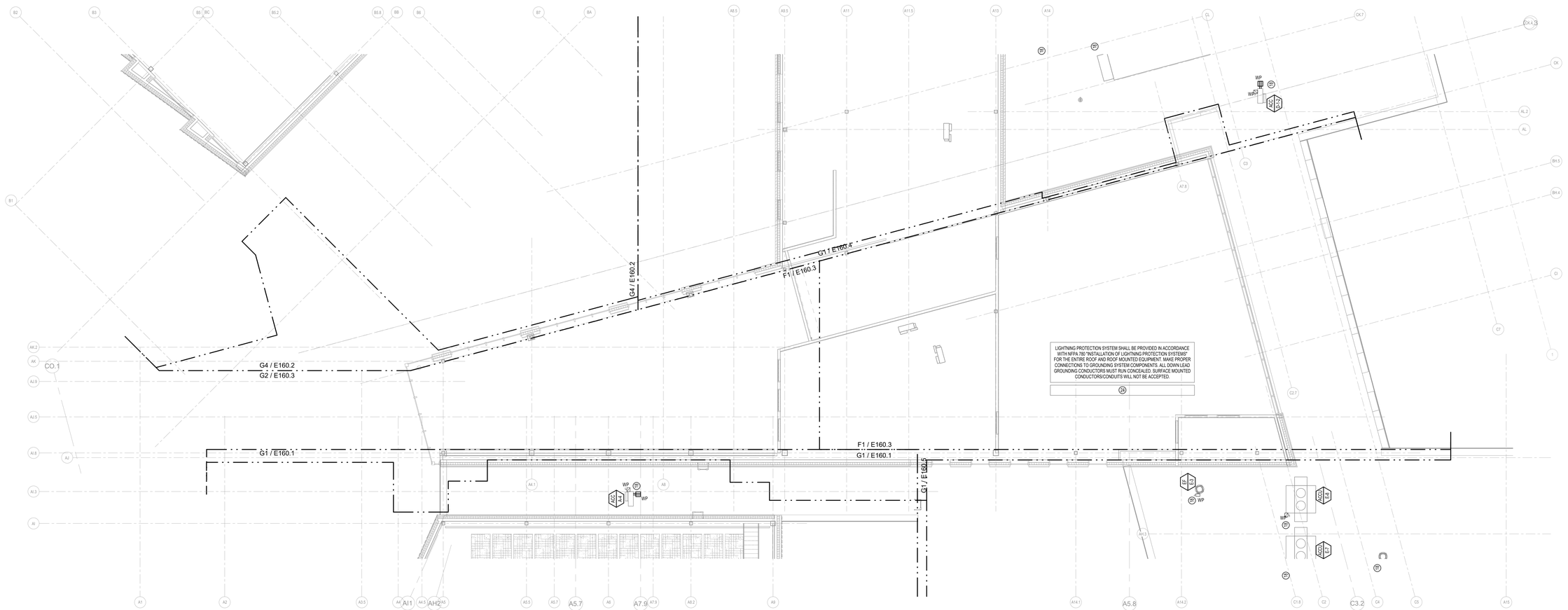
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

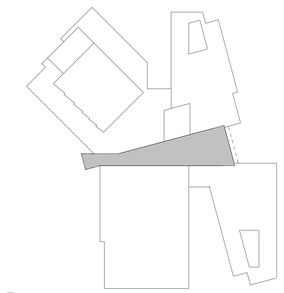
DD SET

E160.2

FOR KEYNOTES, REFER TO DWG. E101.1



F1 ROOF POWER AND FIRE ALARM PLAN - C
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ROOF ELECTRICAL PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E160.3

FOR KEYNOTES, REFER TO DWG. E101.1

G4 / E160.2

F1 / E160.3

G1 / E160.5

LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

24

CP.5

G1 ROOF POWER AND FIRE ALARM PLAN - D
SCALE: 1/8" = 1'-0"

KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ROOF ELECTRICAL PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E160.4

FOR KEYNOTES, REFER TO DWG. E101.1

G1 / E160.1
F1 / E160.3
G1 / E160.5

LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

(24)

LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 780 "INSTALLATION OF LIGHTNING PROTECTION SYSTEMS" FOR THE ENTIRE ROOF AND ROOF MOUNTED EQUIPMENT. MAKE PROPER CONNECTIONS TO GROUNDING SYSTEM COMPONENTS. ALL DOWN LEAD GROUNDING CONDUCTORS MUST RUN CONCEALED. SURFACE MOUNTED CONDUCTORS/CONDUITS WILL NOT BE ACCEPTED.

(K)

G1 ROOF POWER AND FIRE ALARM PLAN - E
SCALE: 1/8" = 1'-0"

KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

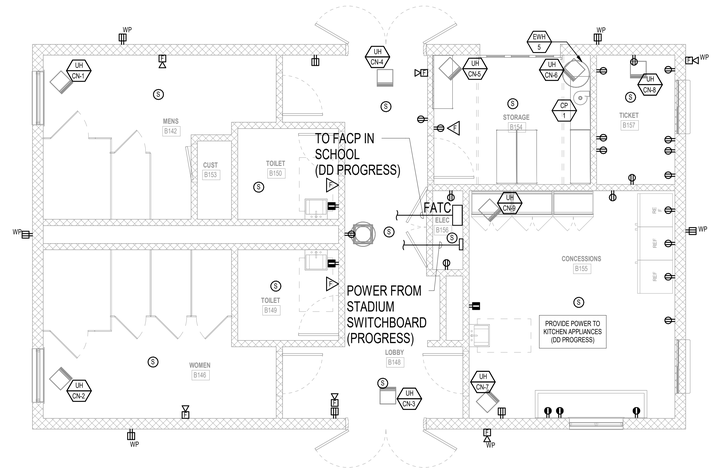
ROOF ELECTRICAL PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E160.5



G5 1ST FLOOR CONCESSIONS POWER AND FIRE ALARM PLAN
SCALE: 1/4" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CONCESSIONS POWER AND FIRE ALARM PLAN

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

E900

GENERAL LIGHTING NOTES:

1. FOR LEGEND AND LIGHTING FIXTURE SCHEDULE REFER TO DRAWINGS E-001 AND EL601, RESPECTIVELY.
2. FOR EXACT LOCATION OF ALL LIGHTING FIXTURES REFER TO ARCHITECTURAL REFLECTING CEILING PLAN.
3. FOR LOCATION OF REFERENCED ELECTRICAL PANELS REFER TO ELECTRICAL FLOOR PLANS.
4. FOR TYPICAL OCCUPANCY SENSOR WIRING DIAGRAMS REFER TO DRAWING EL501. EXACT LOCATION OF DEVICES SHALL BE COORDINATED IN FIELD PER MANUFACTURER RECOMMENDATION.
5. COORDINATE INSTALLATION OF LIGHTING FIXTURES WITH MECHANICAL EQUIPMENT AND PIPING/DUCT LAYOUT.
6. COORDINATE INSTALLATION OF LIGHTING FIXTURES WITH ARCHITECTURAL ELEVATIONS AND DETAILS.
7. WIRE EXIT SIGNS AHEAD OF LOCAL SWITCHES.

LIGHTING KEYNOTES: (#)

1. X
2. X

G1 1ST FLOOR LIGHTING PLAN - A
SCALE: 1/8" = 1'-0"

KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 LIGHTING PLAN - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

EL101.1

FOR KEYNOTES, REFER TO DWG. EL01.1

FOR ADDITIONAL LIGHTING REQUIREMENTS IN THIS AREA, REFER TO LEVEL ABOVE

G1 1ST FLOOR LIGHTING PLAN - B
SCALE: 1/8" = 1'-0"

KEY PLAN - B WING
SCALE: 1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 LIGHTING PLAN - B WING

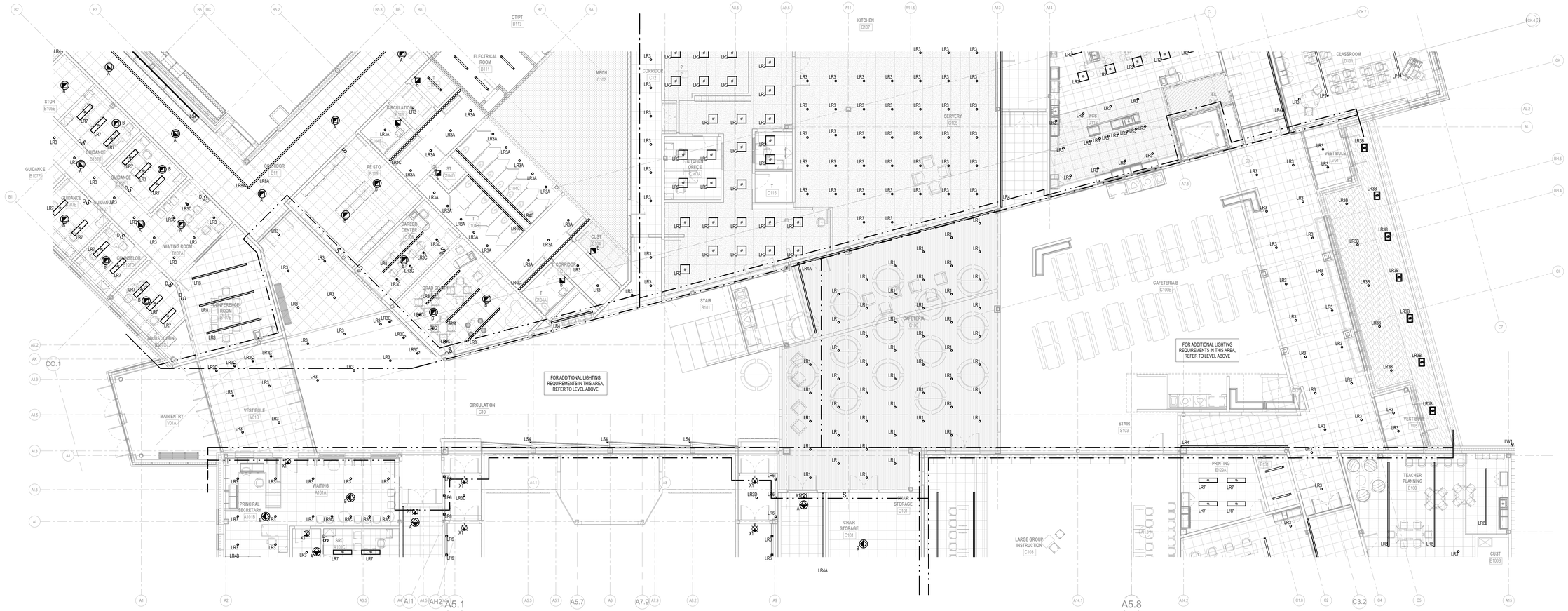
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

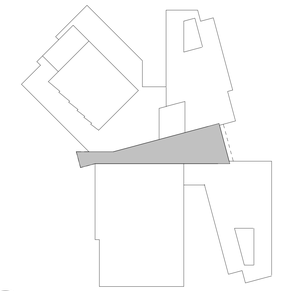
DD SET

EL101.2

FOR KEYNOTES, REFER TO DWG. EL01.1



F1 1ST FLOOR LIGHTING PLAN - C
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 LIGHTING PLAN - C SPINE

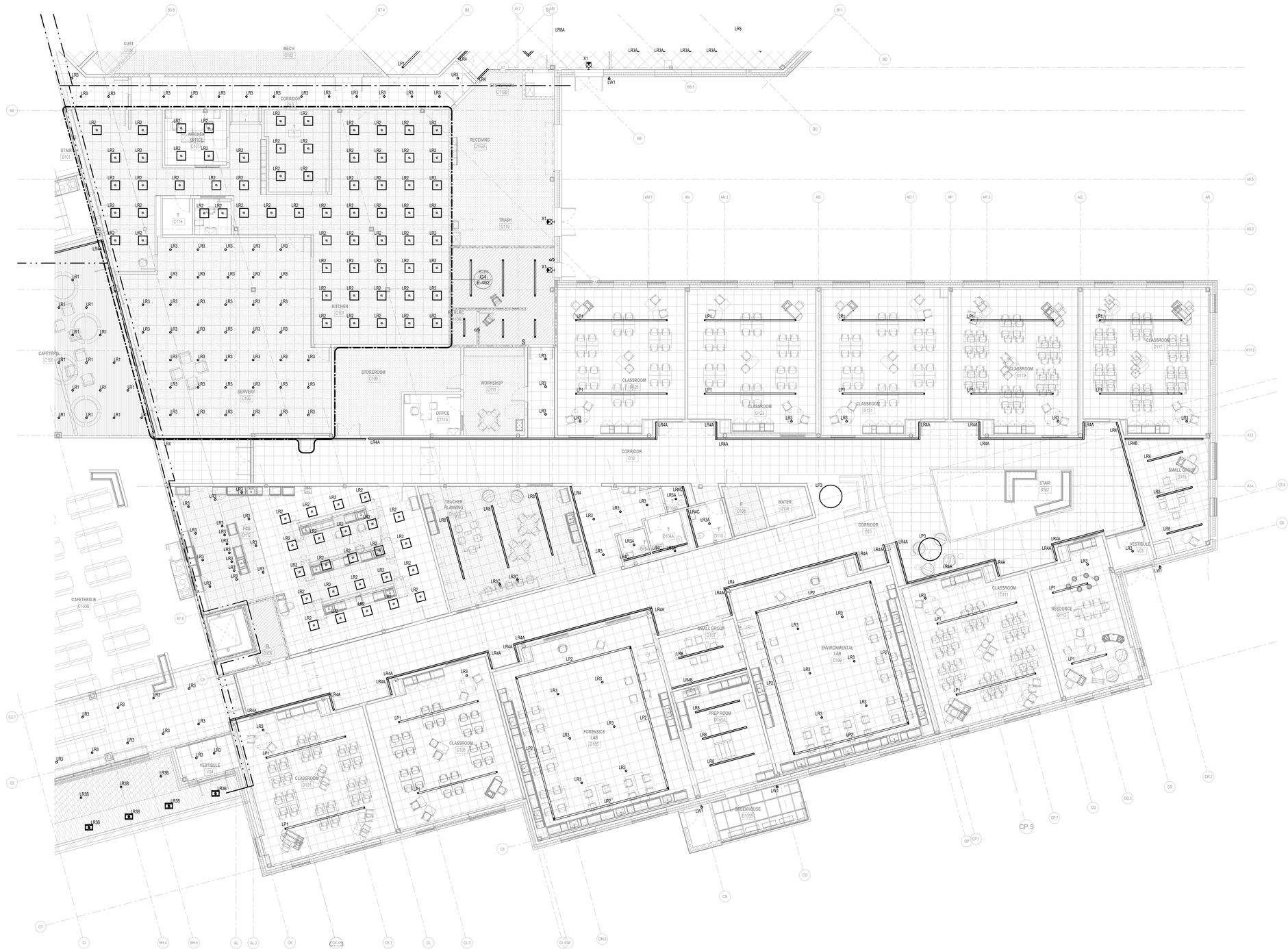
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

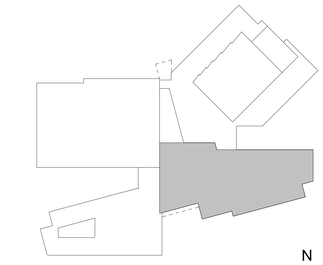
DD SET

EL101.3

FOR KEYNOTES, REFER TO DWG. EL01.1



G1 1ST FLOOR LIGHTING PLAN - D
SCALE: 1/8" = 1'-0"



KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 LIGHTING PLAN - D WING

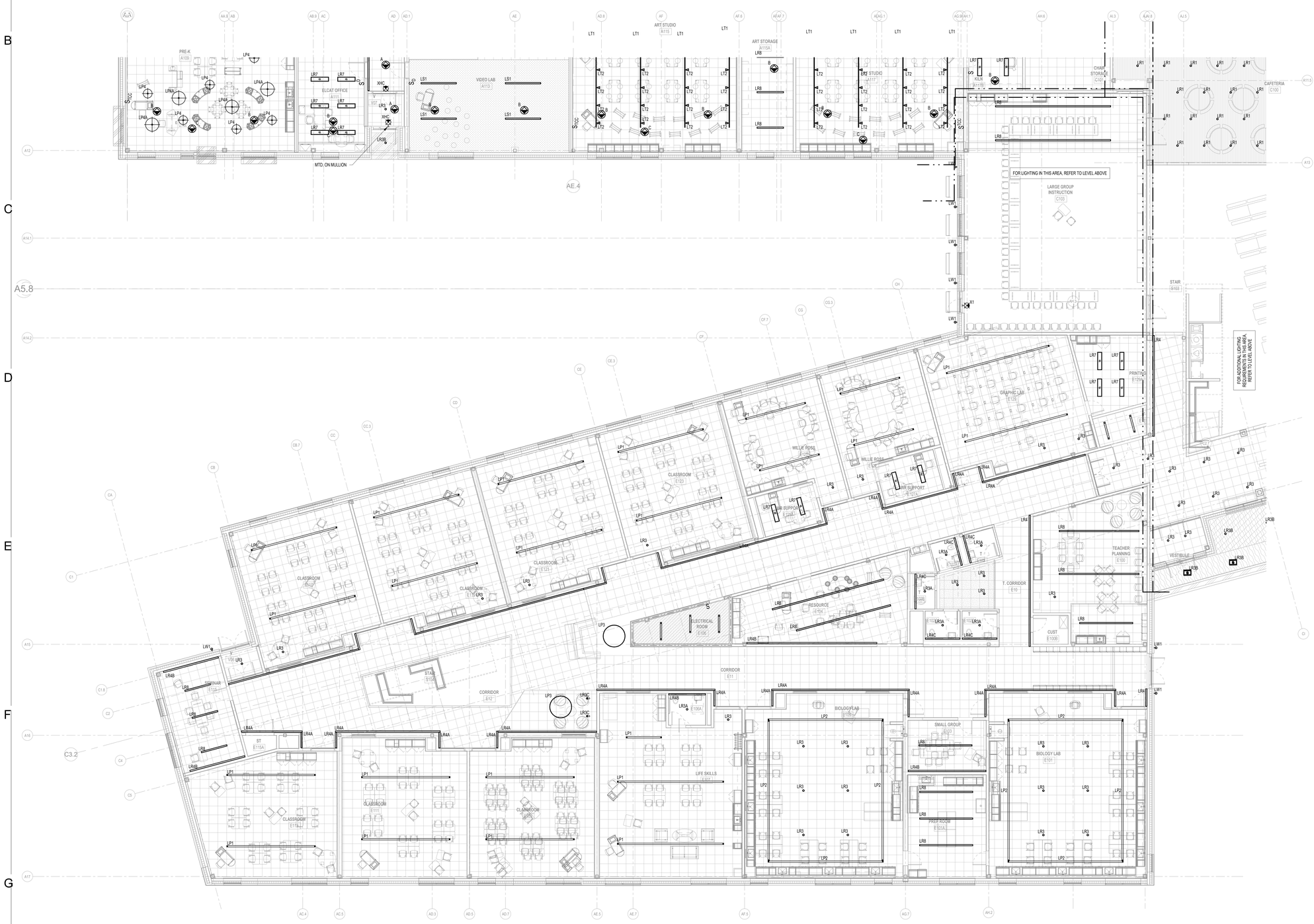
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

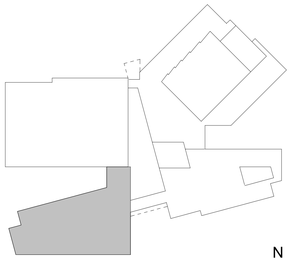
DD SET

EL101.4

FOR KEYNOTES, REFER TO DWG. EL01.1



G1 1ST FLOOR LIGHTING PLAN - E
SCALE: 1/8" = 1'-0"



KEY PLAN - E WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 1 LIGHTING PLAN - E WING

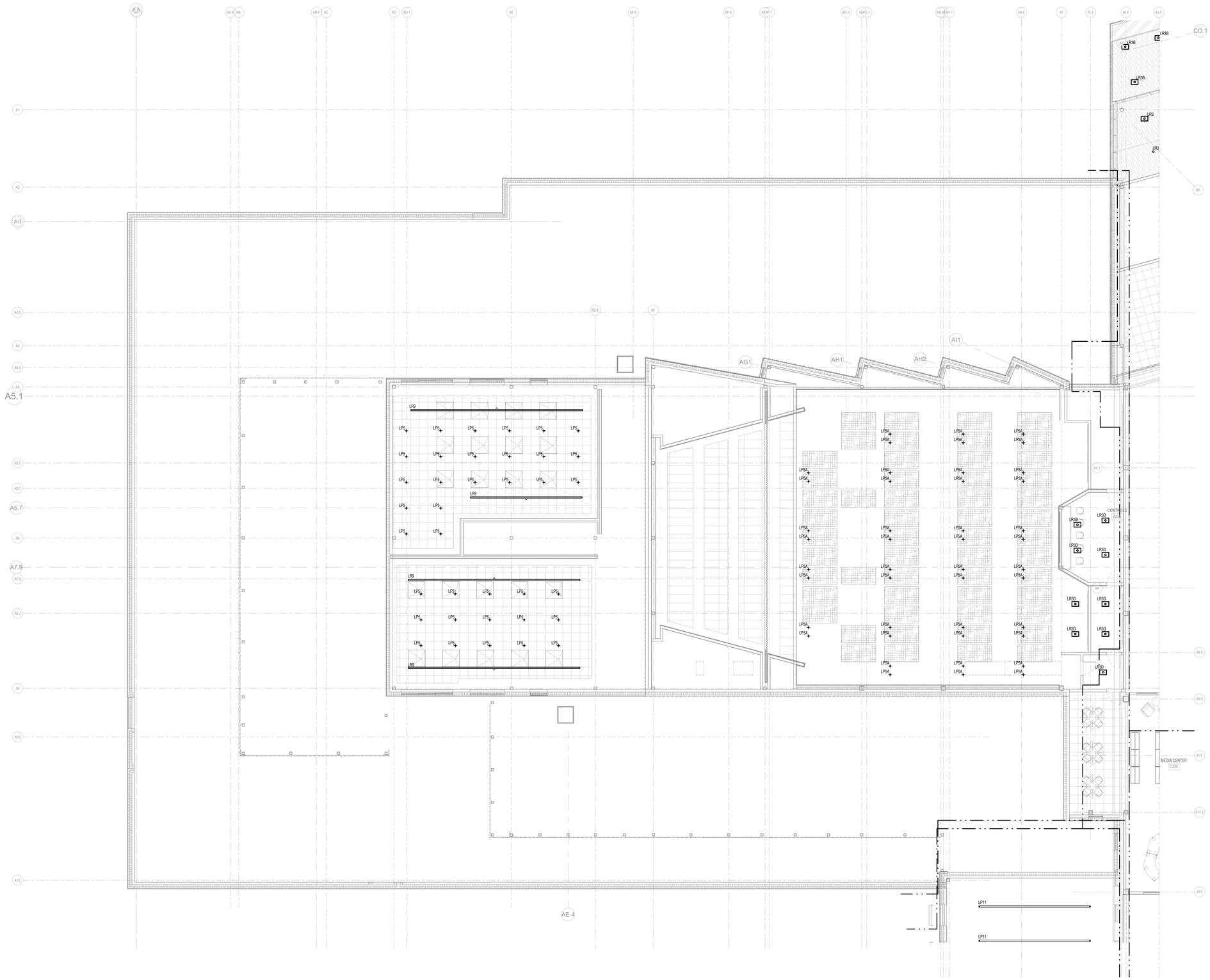
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

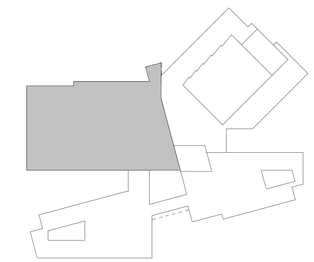
DD SET

EL101.5

FOR KEYNOTES, REFER TO DWG. EL01.1



G1 2ND FLOOR LIGHTING PLAN - A
SCALE: 1/8" = 1'-0"



KEY PLAN - A WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 LIGHTING PLAN - A WING

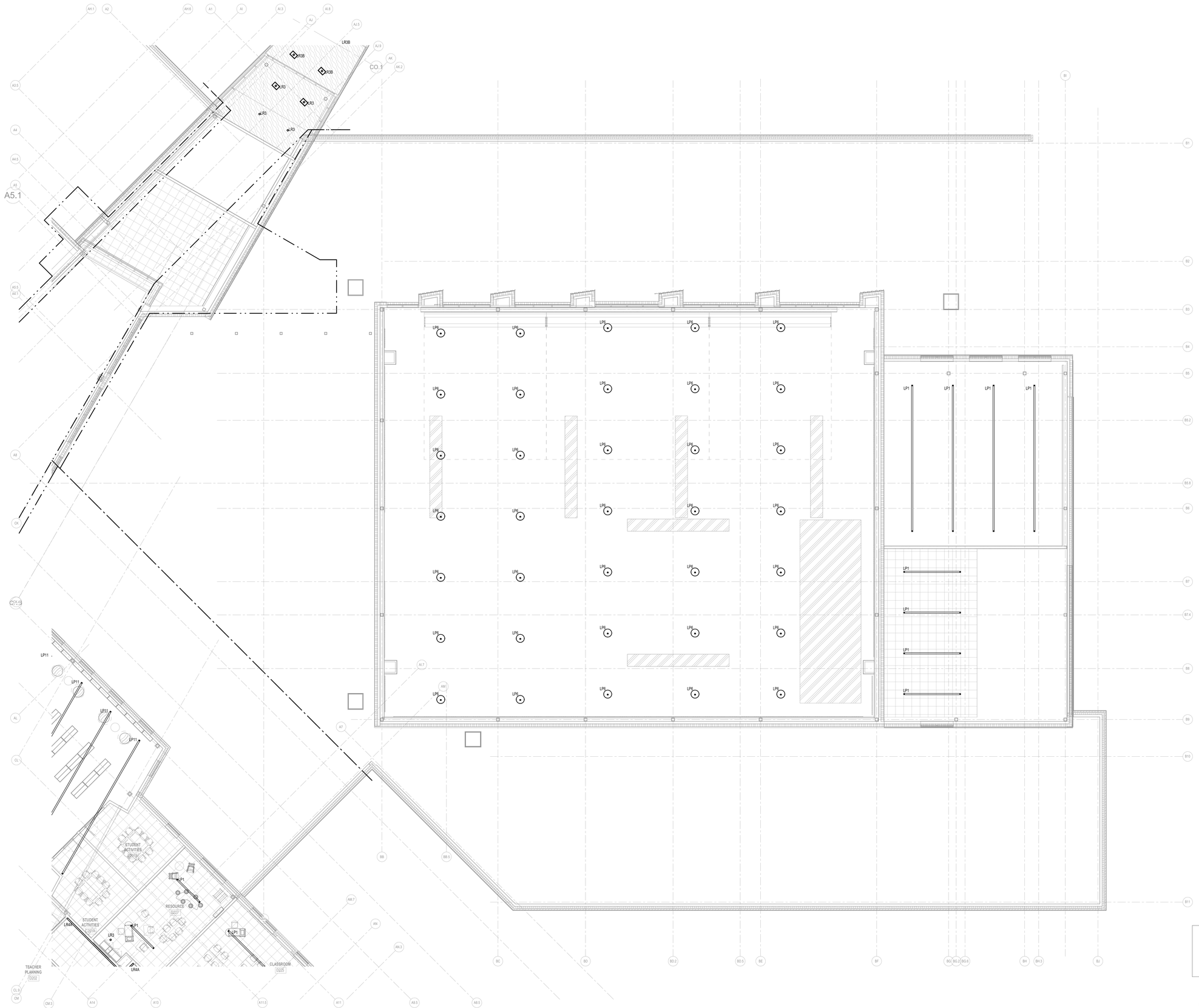
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

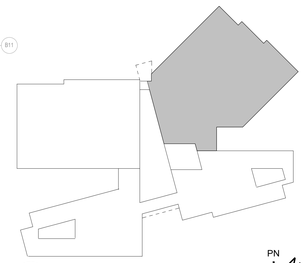
DD SET

EL102.1

FOR KEYNOTES, REFER TO DWG. EL01.1



G1 2ND FLOOR LIGHTING PLAN - B
SCALE: 1/8" = 1'-0"



KEY PLAN - B WING
SCALE: 1" = 100'-0"

PN

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 LIGHTING PLAN - B WING

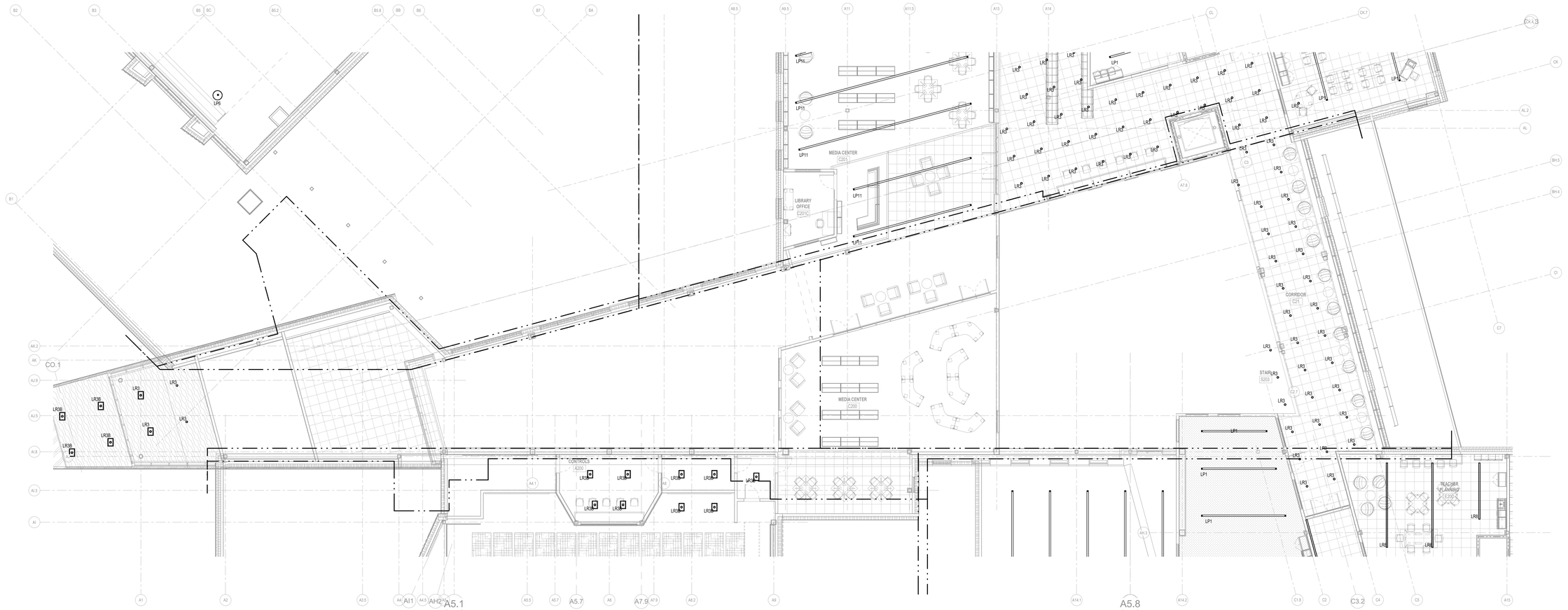
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

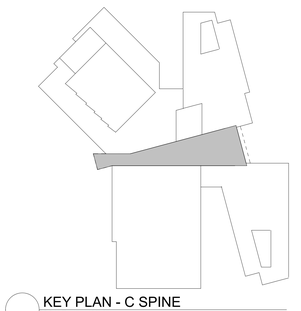
DD SET

EL102.2

FOR KEYNOTES, REFER TO DWG. EL01.1



F1 2ND FLOOR LIGHTING PLAN - C
SCALE: 1/8" = 1'-0"



KEY PLAN - C SPINE
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 LIGHTING PLAN - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

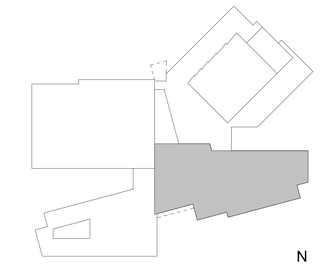
DD SET

EL102.3

FOR KEYNOTES, REFER TO DWG. EL01.1



G1 2ND FLOOR LIGHTING PLAN - D
SCALE: 1/8" = 1'-0"



KEY PLAN - D WING
SCALE: 1" = 100'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 LIGHTING PLAN - D WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

EL102.4

FOR KEYNOTES, REFER TO DWG. EL01.1

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LEVEL 2 LIGHTING PLAN - E WING

EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI / SD
REVISIONS:	

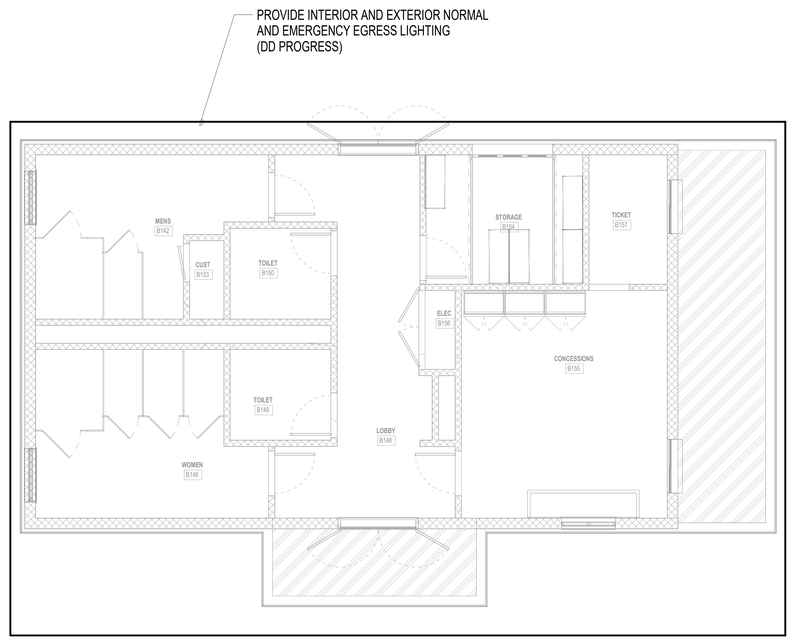
DD SET

EL102.5

G1 2ND FLOOR LIGHTING PLAN - E
SCALE: 1/8" = 1'-0"

KEY PLAN - E WING
SCALE: 1" = 100'-0"

N



G5 1ST FLOOR CONCESSIONS LIGHTING PLAN
SCALE: 1/4" = 1'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CONCESSIONS LIGHTING PLAN

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

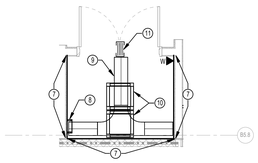
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

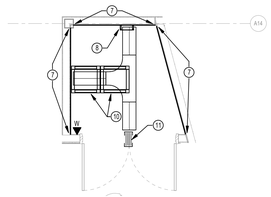
EL900

KEYNOTES: (#)

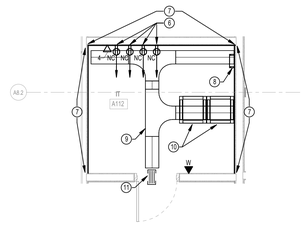
1. CONCRETE PAD BY G.C.
2. WALL MOUNTED TRANSFORMER ABOVE DOOR. REFER TO DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
3. SPACE DESIGNATED FOR LIGHTING CONTROLS AND FIRE ALARM EQUIPMENT.
4. LOCATION OF PV SYSTEM INVERTERS IN 'OPTION 1'. REFER TO ONE-LINE DIAGRAM FOR WIRING INFORMATION.
5. SPACE DESIGNATED FOR HVAC CONTROL EQUIPMENT.
6. PROVIDE POWER FOR AUDIOVISUAL SYSTEM EQUIPMENT. COORDINATE MOUNTING HEIGHT WITH AV DRAWINGS.
7. PLYWOOD BACKBOARD
8. TELECOMMUNICATIONS GROUNDING BUS BAR
9. 12"W x 4"D LADDER STYLE CABLE TRAY
10. TELECOMMUNICATIONS 4-POST EQUIPMENT RACK
11. (4) - 4" SLEEVES
12. TELECOMMUNICATIONS EQUIPMENT CABINET



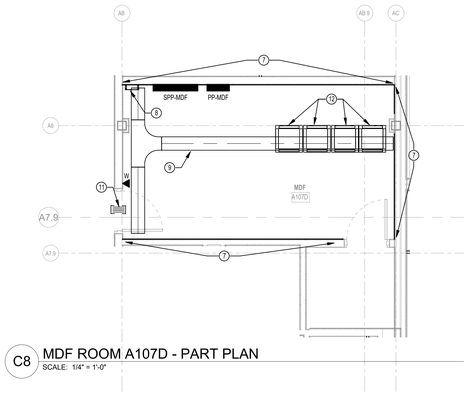
C1 IT C104E - PART PLAN
SCALE: 1/4" = 1'-0"



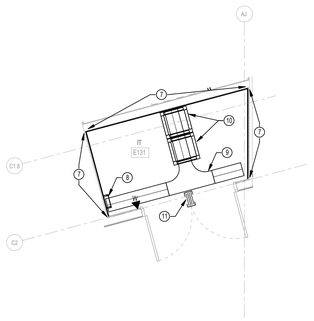
C3 IT C202A - PART PLAN
SCALE: 1/4" = 1'-0"



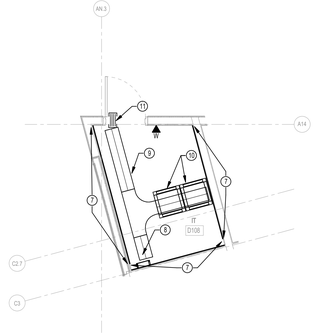
C6 IT A112 - PART PLAN
SCALE: 1/4" = 1'-0"



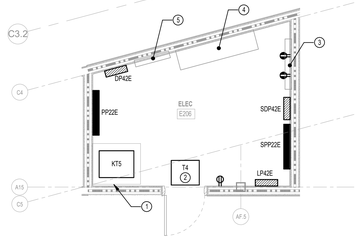
C8 MDF ROOM A107D - PART PLAN
SCALE: 1/4" = 1'-0"



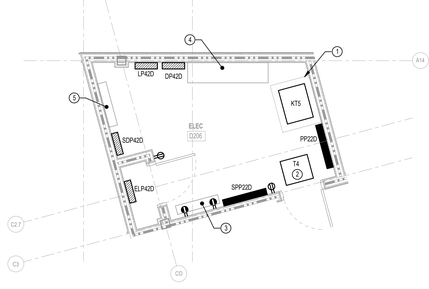
E1 IT E131 - PART PLAN
SCALE: 1/4" = 1'-0"



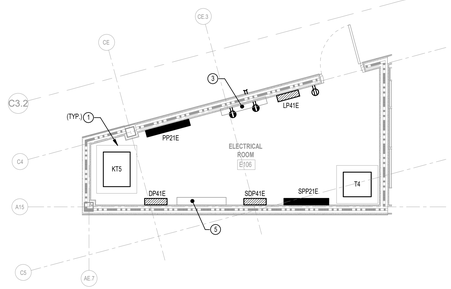
E3 IT D108 - PART PLAN
SCALE: 1/4" = 1'-0"



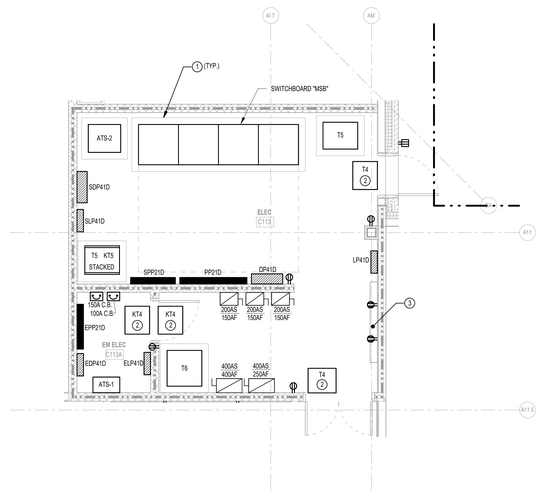
E6 ELEC ROOM E206 - PART PLAN
SCALE: 1/4" = 1'-0"



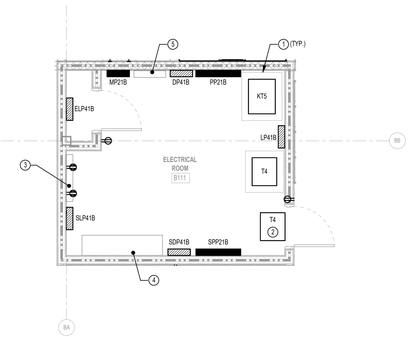
E8 ELEC ROOM D206 - PART PLAN
SCALE: 1/4" = 1'-0"



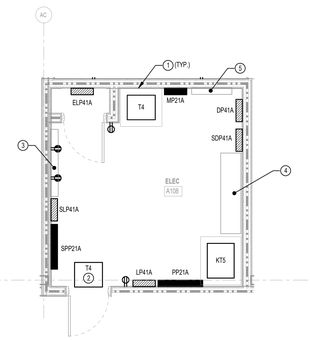
G1 ELEC ROOM E108 - PART PLAN
SCALE: 1/4" = 1'-0"



G3 MAIN ELEC ROOM C113 - PART PLAN
SCALE: 1/4" = 1'-0"



G6 ELEC ROOM B111 - PART PLAN
SCALE: 1/4" = 1'-0"



G8 ELEC ROOM A108 - PART PLAN
SCALE: 1/4" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ELECTRIC & IT ROOM PART PLANS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	MAI / JDZ
REVISIONS:	

DD SET

E-401

KPP

VOLTAGE: 208Y/120 V
3 PHASES, 4WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Recessed
PANEL LOCATION: DRY STORAGE

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 400 A
MCB RATING: 400 A
WITH SHUNT TRIP COIL

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

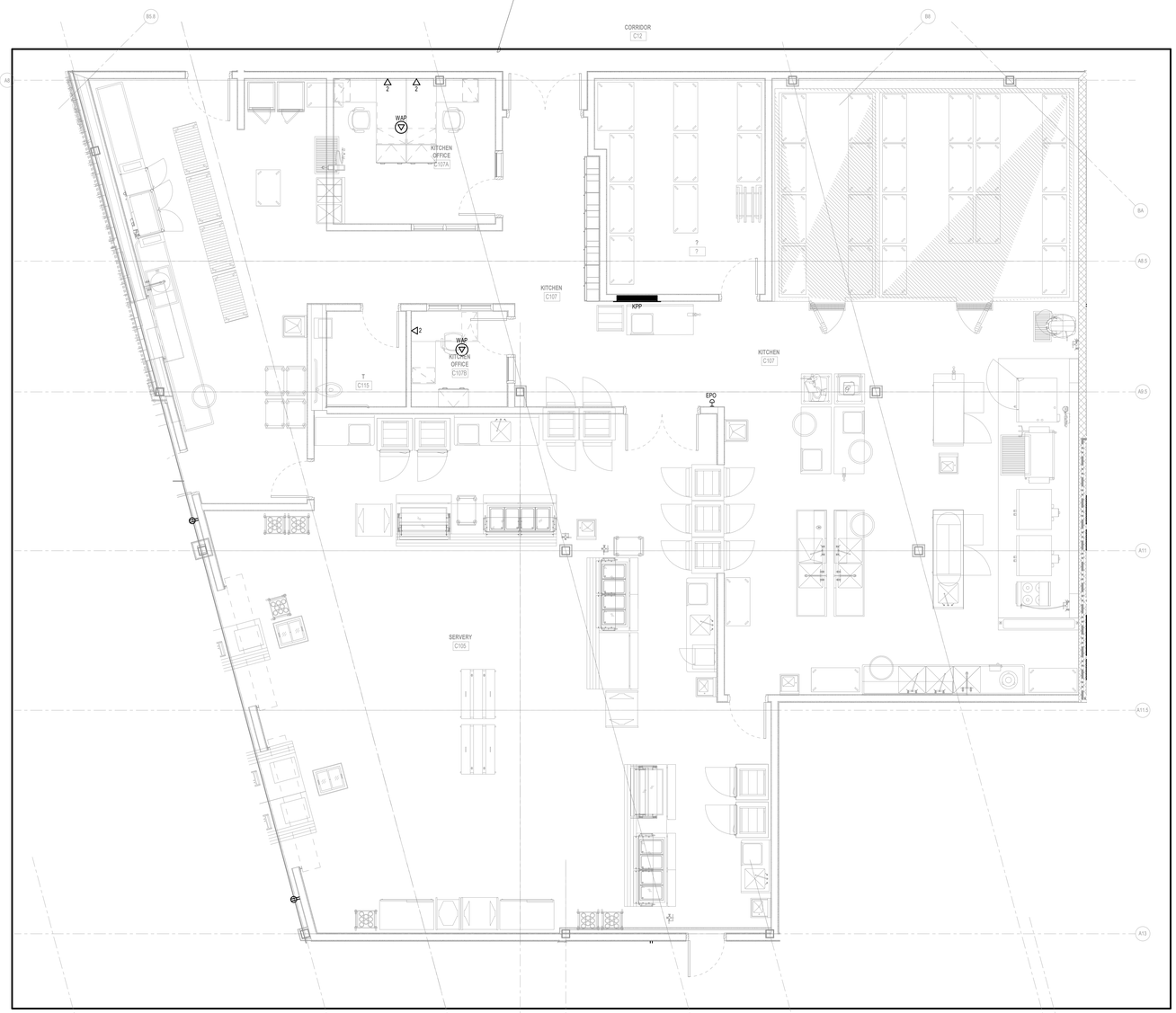
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 VA
				Total Est. Demand: 0 VA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

NOTES:

GENERAL KITCHEN NOTES:

1. REFER TO FOOD SERVICE "FS" SERIES DRAWINGS FOR EQUIPMENT SCHEDULE LAYOUT, [#] AND POWER REQUIREMENTS. COORDINATE WORK WITH KITCHEN EQUIPMENT CONTRACTOR (LOCATIONS AND TYPE OF THE ELECTRICAL CONNECTIONS).
2. VERIFY EXACT NEMA TYPE RECEPTACLES FOR KITCHEN EQUIPMENT WITH EQUIPMENT SHOP DRAWINGS.
3. UTILIZE CAST ALUMINUM (WP) BOXES AND LIQUID-TIGHT FLEXIBLE CONDUITS IN THE KITCHEN AREA.

PROVIDE POWER AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT AND APPLIANCES (DD IN PROGRESS)



G4 KITCHEN - PART PLAN
SCALE: 1/4" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

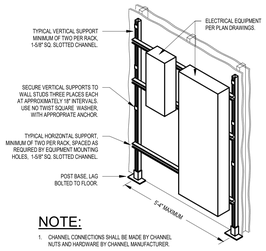
KITCHEN PART PLAN

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/4" = 1'-0"
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

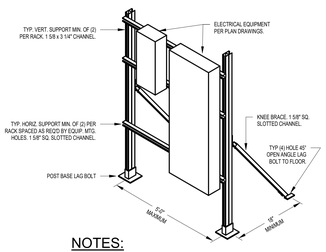
E-402



NOTE:

1. CHANNEL CONNECTIONS SHALL BE MADE BY CHANNEL NUTS AND HARDWARE BY CHANNEL MANUFACTURER.

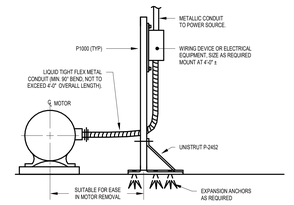
B2 STUD WALL EQUIPMENT RACK DETAIL
SCALE: NTS



NOTES:

1. CHANNEL CONNECTIONS SHALL BE MADE BY CHANNEL NUTS AND HARDWARE BY CHANNEL MFR.
2. KNEE BRACE SHALL BE CUT TO SUIT IN THE FIELD AND INSTALLED TO AVOID INTERFERENCE. KNEE BRACE MAY BE OMITTED IF APPROVED BY OWNER'S ENGINEERING REP.

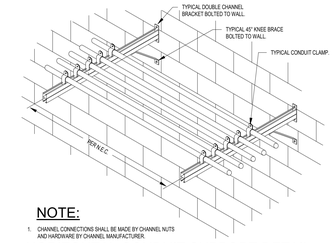
B4 FREE STANDING EQUIPMENT RACK DETAIL
SCALE: NTS



NOTE:

1. MOUNT EQUIPMENT IN CLOSE PROXIMITY TO MOTOR, YET ALLOW FOR EASY REMOVAL OF MOTOR OR DRIVEN EQUIPMENT.

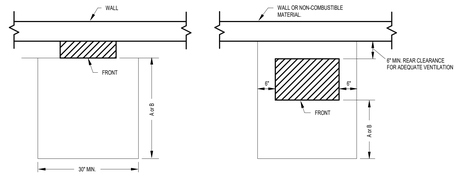
B6 TYPICAL MOTOR CONNECTION DETAIL
SCALE: NTS



NOTE:

1. CHANNEL CONNECTIONS SHALL BE MADE BY CHANNEL NUTS AND HARDWARE BY CHANNEL MANUFACTURER.

B8 HORIZONTAL CONDUIT SUPPORT DETAIL (MASONARY WALL)
SCALE: NTS



WALL MOUNTED PANELS
(INCLUDING POWER PANELS, CONTACTORS, CONTROL CABINETS, DISCONNECT SWITCHES, MOTOR STARTERS, TIME CLOCK AND SIMILAR ELECTRIC EQUIPMENT)

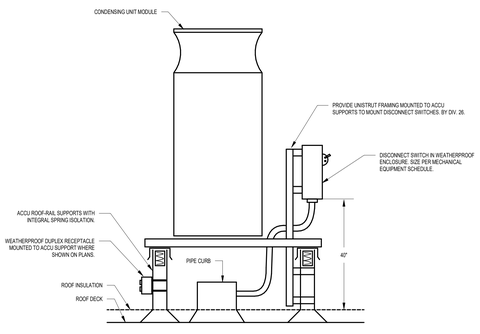
FLOOR MOUNTED TRANSFORMER

NOTES:

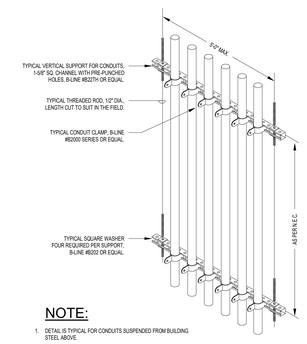
A. MINIMUM WORKING CLEARANCE (IN THE DIRECTION OF ACCESS TO LIVE PARTS) REQUIRED BY NEC 110-26(a), CONDITION 2:
   a. 3 FT. FOR 0-150 VOLT TO GROUND ELECTRIC EQUIPMENT.
   b. 3 1/2 FT. FOR 151-600 VOLT TO GROUND ELECTRIC EQUIPMENT
   c. THE MINIMUM HEADROOM OF WORKING SPACE SHALL BE 6 1/2 FT

B. MINIMUM WORKING CLEARANCE (IN THE DIRECTION OF ACCESS TO LIVE PARTS) REQUIRED BY NEC 110-26(a), CONDITION 3:
   a. 3 FT. FOR 0-150 VOLT TO GROUND ELECTRIC EQUIPMENT.
   b. 4 FT. FOR 151-600 VOLT TO GROUND ELECTRIC EQUIPMENT
   c. THE MINIMUM HEADROOM OF WORKING SPACE SHALL BE 6 1/2 FT

D2 REQUIRED CLEARANCE FOR ELECTRICAL EQUIPMENT DETAILS
SCALE: NTS



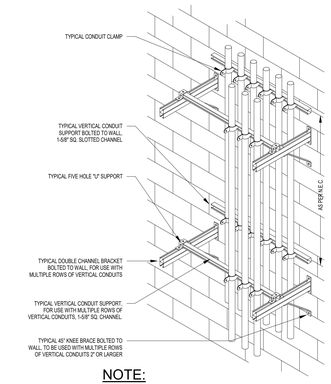
D4 ACCU DISCONNECT SWITCH SUPPORT DETAIL
SCALE: NTS



NOTE:

1. DETAIL IS TYPICAL FOR CONDUITS SUSPENDED FROM BUILDING STEEL ABOVE.

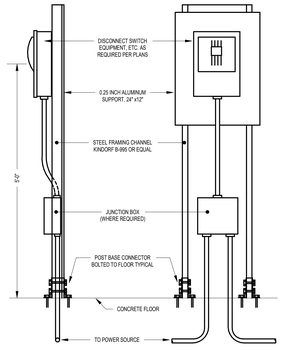
D6 VERTICAL CONDUIT SUPPORT DETAIL
SCALE: NTS



NOTE:

1. CHANNEL CONNECTIONS SHALL BE MADE BY CHANNEL NUTS AND HARDWARE BY CHANNEL MANUFACTURER.

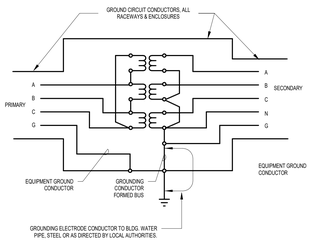
D8 VERTICAL CONDUIT SUPPORT DETAIL (MASONARY WALL)
SCALE: NTS



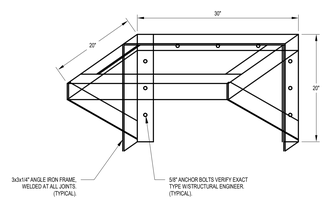
NOTE:

1. PAINT CHANNEL AND SHEET METAL TWO COATS OF EXTERIOR METAL PAINT.

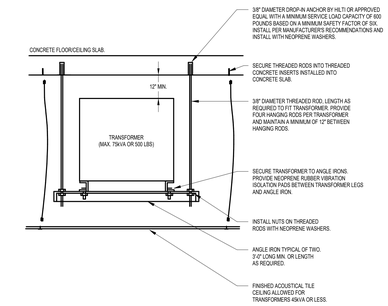
F2 SAFETY SWITCH DETAIL (TYPICAL MOUNTING)
SCALE: NTS



E4 DRY TYPE TRANSFORMER GROUNDING DETAIL
SCALE: NTS



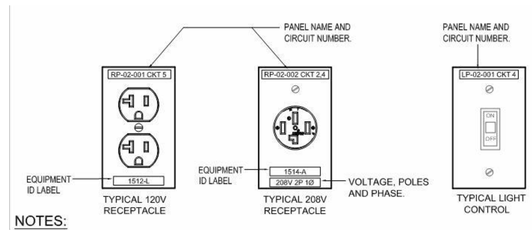
E6 TRANSFORMER WALLMOUNT SUPPORT DETAIL
SCALE: NTS



NOTES:

1. TRAPEZE MOUNTED TRANSFORMERS TO BE INSTALLED AS HIGH AS POSSIBLE.
2. REFER TO TO SEISMIC REQUIREMENTS FOR PROPER MOUNTING.
3. COORDINATE THREADED ROD AND METAL CHANNEL WITH STRUCTURAL CONTRACTOR.

F8 TRANSFORMER TRAPEZE MOUNTING DETAIL
SCALE: NTS



NOTES:

1. PROVIDE ONLY CLEAR SELF ADHESIVE LABELS. TEXT SHALL BE TYPE WRITTEN.
2. PROVIDE LABELS FOR ALL DEVICES SHOWN ON FLOOR PLANS. IN ADDITION, PROVIDE LABELS FOR DEVICES PROVIDED AT ELECTRIC FURNITURE AND DEMOUNTABLE PARTITIONS.
3. EACH DEVICE IN A MULTI-OUTLET ASSEMBLY SHALL BE LABELED INDIVIDUALLY.

G2 TYPICAL DETAIL FOR LABELING ON SYSTEM DEVICE PLATES
SCALE: NTS

EQUIPMENT NAME
VOLTS, PHASE, WIRE, AMPS
FED FROM
LOCATION OF SOURCE

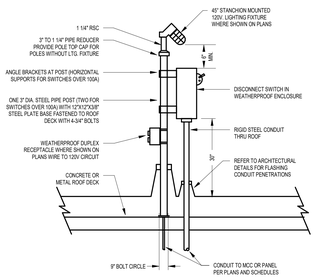
SCREWS

NOTES:

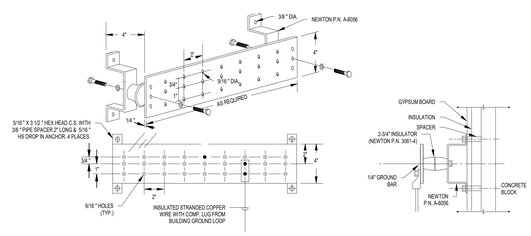
1. DESCRIPTIVE NAMEPLATE FOR EQUIPMENT AND PANELS SHALL HAVE FOUR LINE OF TEXT. THE FIRST LINE SHALL IDENTIFY THE EQUIPMENT FOR PANEL NAME. THE SECOND LINE SHALL IDENTIFY VOLTAGE, AMPERAGE AND PHASE. THE THIRD LINE SHALL IDENTIFY WHERE THE EQUIPMENT OR PANEL IS SUPPLIED FROM (I.E SOURCE OF POWER INCLUDING PANEL NAME AND CIRCUIT NUMBER). THE LAST LINE SHALL IDENTIFY WHERE THAT SOURCE OF POWER IS LOCATED (I.E ROOM NUMBER).
2. SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS. ADHESIVE CEMENT SHALL NOT BE ALLOWED.
3. NORMAL POWER NAMEPLATE TO BE 1/8" THICK PLASTIC LAMINATE. FACE SHALL BE WHITE, ENGRAVED LETTERS SHALL BE BLACK.
4. EMERGENCY POWER NAMEPLATE TO BE 1/16" THICK PLASTIC LAMINATE. FACE SHALL BE RED, ENGRAVED LETTERS SHALL BE WHITE.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL NAMEPLATE REQUIREMENTS.

PP11
208Y/120V, 3Ø, 4W,
100A FED FROM
DP11-2,4,6 LOCATED
IN ROOM 1121

G4 EQUIPMENT NAMEPLATE TYPE DETAIL
SCALE: NTS



G6 ROOF MOUNTED DISCONNECT SWITCH DETAIL
SCALE: NTS



NOTE:

1. BUS BARS OVER 20" IN LENGTH REQUIRE ONE ADDITIONAL INSULATOR SUPPORT.

G7 4" GROUND BAR DETAIL
SCALE: NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

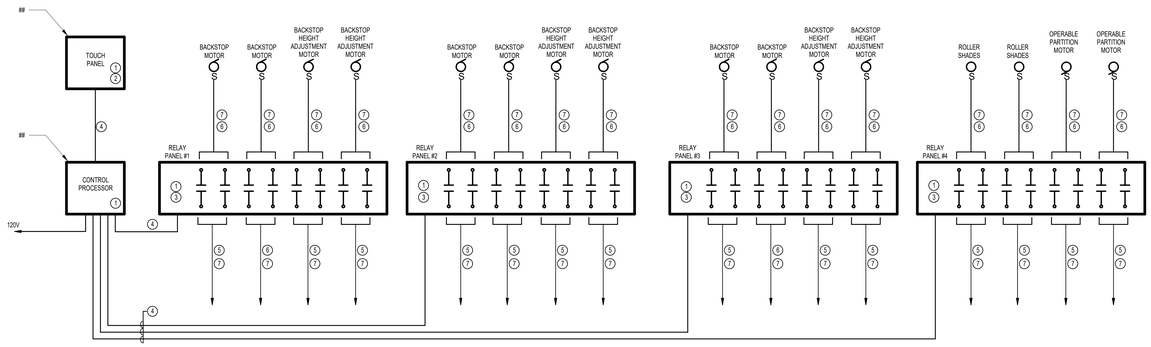
ELECTRICAL DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	MAI
REVISIONS:	

DD SET

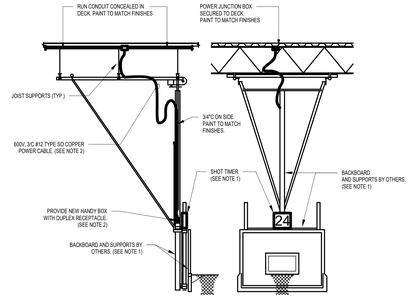
E-501



KEYNOTES: (#)

1. GYM EQUIPMENT GROUP CONTROL SYSTEM. FURNISHED BY DIV.11, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
2. "SMART GYM" COLOR TOUCHSCREEN PANEL.
3. "SMART GYM" RELAY PANEL IN SURFACE MOUNT ENCLOSURE, LOCATED IN GYM STORAGE RM 141.3, REFER TO DWG. EP101.
4. 2#18 AWG (SHIELDED) AND 2#20 AWG IN 3/4"C. - COMMUNICATION INTERFACE.
5. 2#10 & 1#12G. IN 3/4"C.
6. 3#10 & 1#12G. IN 3/4"C.
7. UPSIZE WIRE AND CONDUIT SIZES FOR CIRCUITS LONGER THAN 150FT.

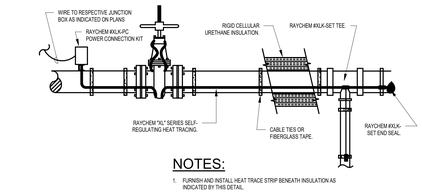
C3 "SMART GYM" EQUIPMENT GROUP WIRING DIAGRAM
SCALE: NTS



NOTES:

1. CONSULT WITH BACKBOARD EQUIPMENT MANUFACTURER FOR RECOMMENDED METHOD OF ECURING COMPONENTS TO BACKBOARD SUPPORT SYSTEM. WHERE PERMITTED, RUN POWER IN MAIN 4" BACKBOARD SUPPORT PIPE. PROVIDE INSULATED BUSHINGS AND CORD GRIPS AS REQUIRED. IF THE MAIN 4" SUPPORT PIPE IS NOT HOLLOW & THIS OPTION IS NOT POSSIBLE RUN SURFACE RACEWAY AS SHOWN ON THIS DETAIL AND NOTES BELOW.
2. PROVIDE 3/4"C AT OPPOSITE QUADRANTS OF BACKBOARD SUPPORT PIPE & SECURE WITH SINGLE HOLE CONDUIT SUPPORT & SELF TAPPING STAINLESS STEEL SCREWS. RUN CABLE IN RACEWAY & SECURE WITH KELLEMS CORD GRIPS AT DECK MOUNTED JUNCTION BOX & RACEWAY. PROVIDE SUFFICIENT SLACK CABLE FOR FULL EXTENSION/RETRACTION OF BACKBOARD. PROVIDE CABLE CONNECTORS AT HANDY BOX FOR TERMINATION TO DUPLEX RECEPTACLE. PAINT TO MATCH.

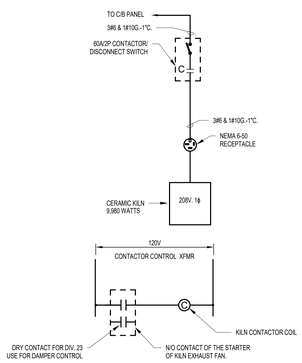
C8 SHOT CLOCK WIRING DETAIL
SCALE: NTS



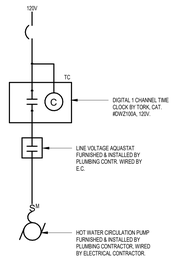
NOTES:

1. FURNISH AND INSTALL HEAT TRACE STRIP BENEATH INSULATION AS INDICATED BY THIS DETAIL.

1 TYPICAL HEAT TRACE INSTALLATION DETAIL
SCALE: NTS

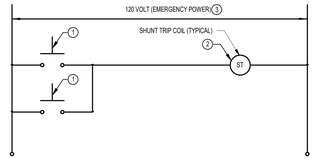


D6 KILN WIRING DIAGRAM
SCALE: N.T.S.



NOTE:
FOR TWO PUMPS CONTROL, PROVIDE (1) DIGITAL 2-CHANNEL TIME CLOCK, TORK CAT. #DW200A.

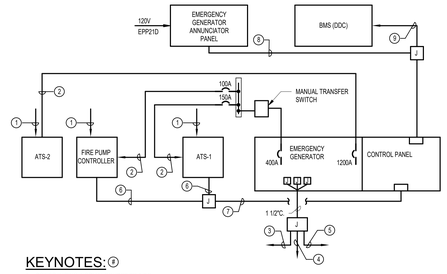
F6 HOT WATER CIRCULATION PUMP CONTROL WIRING DIAGRAM
SCALE: NTS



KEYNOTES: (#)

1. EMERGENCY OFF PUSHBUTTON, SQUARE D CAT. No. KR4RH13 (RED) WITH No. K48 ALUMINUM GUARD. PROVIDE RED ENGRAVED NAMEPLATE TO READ: "POWER OFF".
2. MAIN CIRCUIT BREAKER OF THE KITCHEN PANEL "KPP".
3. KITCHEN EPO CIRCUIT SHALL BE WIRED TO EMERGENCY PANEL "EPP21D", DEDICATED 20A/1P CIRCUIT BREAKER. PROVIDE RESPECTIVE BREAKER TOGGLE RED IN COLOR AND WITH SCREW ON TOGGLE LOCKING DEVICE.

D8 KITCHEN EMERGENCY POWER OFF WIRING DIAGRAM
SCALE: N.T.S.



KEYNOTES: (#)

1. POWER WIRING, NORMAL SOURCE TO A.T.S.
2. POWER WIRING, EMERGENCY SOURCE TO A.T.S.
3. POWER WIRING TO INPUT TO BATTERY CHARGER (3/4"C.-2#12 & 1#12G.) - 20A/1P C.B.
4. POWER WIRING TO MOTORIZED DAMPERS (3/4"C., 2#12 & 1#12G.) - 20A/1P C.B.
5. POWER WIRING TO JACKET WATER HEATER (3/4"C-2#6 & 1#10) - 40A/2P C.B.
6. CONTROL WIRING, ENGINE START CIRCUIT (3/4"C.-2#14).
7. CONTROL WIRING, ENGINE START CIRCUIT (1"C.-4#14).
8. SIGNAL WIRING TO REMOTE ANNUNCIATOR.
9. SIGNAL WIRING TO BMS. (DDC)

F8 EMERGENCY GENERATOR WIRING DIAGRAM
SCALE: NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

ELECTRICAL DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

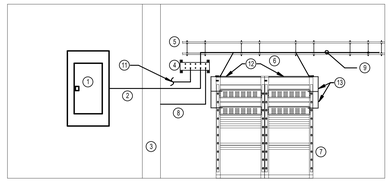
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI
REVISIONS:	

DD SET

E-502

GENERAL NOTES:

1. IN GENERAL, CONDUITS FROM WORK AREA OUTLETS SHALL EXTEND TO SPACE ABOVE CEILING AND BEND 90 DEGREES.
2. CONDUITS WITH AN INTERNAL DIAMETER OF 2" OR LESS SHALL HAVE A BENDING RADIUS OF AT LEAST 6 TIMES THE INTERNAL CONDUIT DIAMETER.
3. CONDUITS WITH AN INTERNAL DIAMETER OF MORE THAN 2" SHALL HAVE A BENDING RADIUS OF AT LEAST 10 TIMES THE INTERNAL CONDUIT DIAMETER.
4. FOR ADDITIONAL INFORMATION ON CONDUIT BEND RADIUS REQUIREMENTS AND RECOMMENDATIONS, REFER TO NEC (SECTIONS 342.24, 344.24, 358.24 AND TABLE 344.24) AND ANSI/TIA/EIA-569-B (CLAUSE 4.4.2.3.2).
5. PROVIDE PULL STRING IN EACH CONDUIT.
6. SEE SPECIFICATIONS FOR FACE PLATE MATERIALS AND JACK COLOR.
7. FINAL FACEPLATE CONFIGURATION SHALL BY APPROVED BY OWNER PRIOR TO INSTALLATION.
8. THIS DRAWING IS DIAGRAMATIC. REFER TO THE FLOOR PLANS FOR QUANTITY AND LOCATION OF DEVICES AND IDF ROOMS.
9. MINIMUM CONDUIT SIZE FOR COMMUNICATIONS OUTLET IS 1". REFER TO FACEPLATE ELEVATIONS ON THIS SHEET FOR ADDITIONAL SIZE INFORMATION.

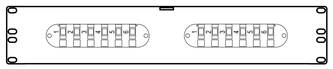


GENERAL NOTES

1. COMPLY WITH MOST RECENT EDITION OF THE BICSI TDM MANUAL AND J-STD-607-A, TIA-942, IEEE STD. 1100 (IEEE EMERALD BOOK), UL.
2. PROVIDE ALL BONDING HARDWARE REQUIRED FOR A COMPLETE GROUNDING SYSTEM TO ASSOCIATED PANELS, EQUIPMENT, SHELVES AND ASSOCIATED METALIC COMPONENTS TO ENSURE ELECTRICAL CONTINUITY BETWEEN METALIC COMPONENTS AND THE GROUNDED RACK OR CABINET.

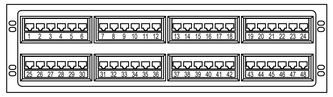
KEYNOTES

1. ELECTRIC PANEL
2. 6 AWG EQUIPMENT GROUND TO ELECTRIC PANEL ENCLOSURE (BY EC)
3. BUILDING STEEL
4. WALL MOUNTED GROUNDING BUS BAR (BY EC). 12"L X 4"H X 1/4" THICK ASSEMBLY W/PREDRILLED TERMINATION HOLES. REFER TO SECTION 27 11 00 FOR ADDITIONAL PRODUCT DETAILS.
5. CABLE TRAY (WHERE APPLICABLE)
6. 6 AWG MINIMUM EQUIPMENT GROUNDING WIRE TO EQUIPMENT RACK. EXTEND THE #6 GROUNDING WIRE, ROUTING THROUGH THE CABLE TRAY SYSTEM. (BY EC).
7. EQUIPMENT RACKS (TYP.)
8. 2 AWG GROUND CONNECTOR TO BUILDING STEEL. UTILIZE CADWELD CONNECTION.
9. ROUTE #6 GROUNDING WIRE THROUGHOUT CABLE TRAY INSTALLATION. BOND TO EACH SEGMENT OF CABLE TRAY IN TWO DIFFERENT LOCATIONS.
10. NOT USED.
11. 6 AWG TELECOM BONDING BACKBONE CABLE TO PRIMARY BONDING BUS BAR (PBBB) IN MAIN ELECTRIC ROOM. PROVIDE PBBB AND ASSOCIATED HARDWARE AND CABLING IF NOT PRESENT IN MAIN ELECTRIC ROOM.
12. HORIZONTAL GROUNDING BUS BAR.
13. PATCH PANEL GROUNDING BUS BAR.

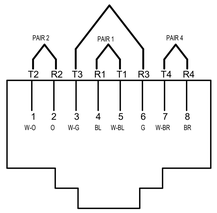


B1 12-PORT SC-CONNECTOR FIBER OPTIC PATCH PANEL
SCALE: N.T.S.

B2 TYPICAL TELECOMMUNICATIONS GROUNDING DETAIL
SCALE: N.T.S.



C1 48-PORT CAT-6A DATA PATCH PANEL
SCALE: N.T.S.



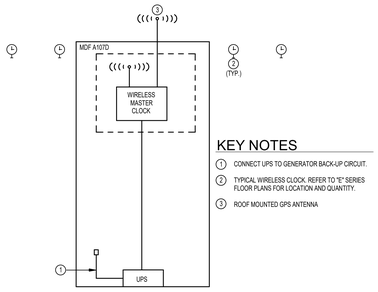
8 POSITION/8 WIRE MODULAR JACK INSERT NOTES:

PAIR 1 — WHITE-BLUE/BLUE-WHITE T1 R1
PAIR 2 — WHITE-ORANGE/ORANGE-WHITE T2 R2
PAIR 3 — WHITE-GREEN/GREEN-WHITE T3 R3
PAIR 4 — WHITE-BROWN/BROWN-WHITE T4 R4

1. THIS ILLUSTRATION DEPICTS THE FRONT VIEW OF THE OUTLET/CONNECTOR/PATCH PANEL.

2. PIN/PAIR ASSIGNMENT FOR ALL DEVICES SHALL CONFIGURE TO ANSI/EIA/TIA 568-B.

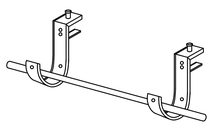
D1 EIA/TIA 568 T-568B WIRING SCHEME DETAIL
SCALE: N.T.S.



KEY NOTES

1. CONNECT UPS TO GENERATOR BACK-UP CIRCUIT.
2. TYPICAL WIRELESS CLOCK. REFER TO "E" SERIES FLOOR PLANS FOR LOCATION AND QUANTITY.
3. ROOF MOUNTED GPS ANTENNA

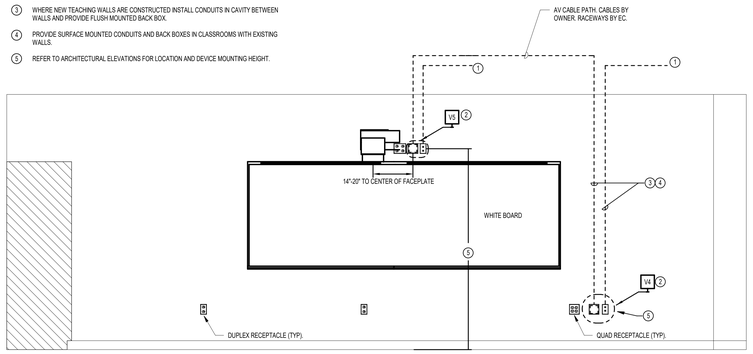
D2 CLOCK SYSTEM RISER DIAGRAM
SCALE: N.T.S.



E1 J-HOOK DETAIL
SCALE: N.T.S.

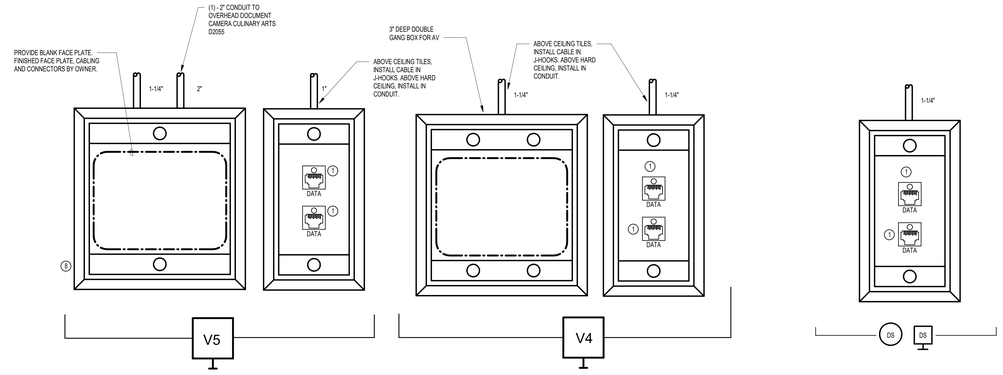
FACEPLATE KEY AND TYPICAL CLASSROOM NOTES

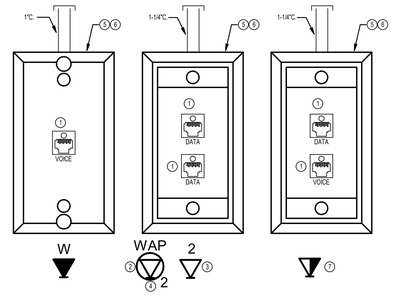
1. VOICE/DATA: CATEGORY 6A TO RELEVANT IDF/MDF PATCH PANEL (TYP.)
2. REFER TO ELECTRICAL FLOOR PLANS FOR LOCATIONS WHERE "V4" AND "V5" SYMBOLS ARE INDICATED FOR ELECTRICAL INFORMATION.
3. WHERE NEW TEACHING WALLS ARE CONSTRUCTED INSTALL CONDUITS IN CAVITY BETWEEN WALLS AND PROVIDE FLUSH MOUNTED BACK BOX.
4. PROVIDE SURFACE MOUNTED CONDUITS AND BACK BOXES IN CLASSROOMS WITH EXISTING WALLS.
5. REFER TO ARCHITECTURAL ELEVATIONS FOR LOCATION AND DEVICE MOUNTING HEIGHT.



TYPICAL CLASSROOM "V-4/V-5" CABLE AND CONDUIT CONFIGURATION

G1 TYPICAL CLASSROOM V4/V5 CONFIGURATION
SCALE: NTS

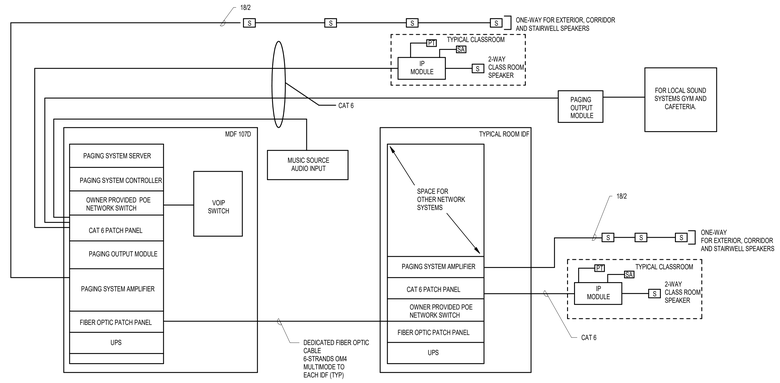




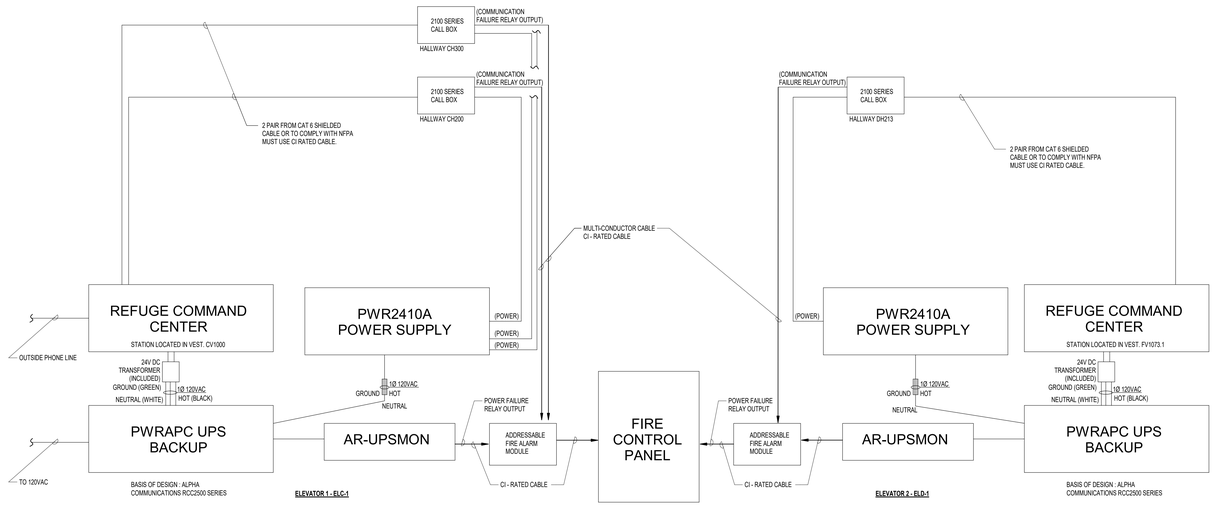
FACEPLATE KEYNOTES

1. CATEGORY 6A CABLES AND JACKS. BLUE CABLES AND JACKS FOR DATA DEVICES AND YELLOW FOR VOICE
2. INDICATES CEILING MOUNTED DATA OUTLET FOR WIRELESS ACCESS POINT. GREEN CABLES AND JACKS.
3. TYPICAL DUPLEX DATA WORK AREA OUTLET.
4. WIRELESS ACCESS POINT OUTLET. BACK BOX REQUIRED. TERMINATE IN WORK AREA USING RJ-45 FEMALE JACKS. TERMINATE OTHER END IN DEDICATED WIRELESS ACCESS POINT. CATEGORY 6A PATCH PANEL IN NEAREST TELIDATA CLOSET. FOR OUTLETS MOUNTED IN CEILINGS, INSTALL 4" SQUARE BOX WITH SINGLE GANG PLASTER RING TO CEILING GRID SUPPORT BRACKET. CABLE WILL RUN OPEN ABOVE CEILING. FOR OUTLETS LOCATED IN EXPOSED OR UNFINISHED AREAS, INSTALL 4" SQUARE BOX WITH SINGLE GANG PLASTER RING, 1" CONDUIT EXTENDED ABOVE THE NEAREST CEILING. TERMINATE CONDUIT WITH PLASTIC BUSHING.
5. PROVIDE SINGLE- OR TWO GANG, UL LISTED, NON - METALIC, LOW VOLTAGE MOUNTING BRACKET AT WALL MOUNTED VOICE/DATA OUTLET LOCATIONS TO SECURE SINGLE - AND TWO - GANG FACE PLATES.
6. EC SHALL PROVIDE CONDUIT WITH PULL STRINGS BETWEEN OUTLET LOCATION AND SPACE ABOVE CEILING FOR CABLE INSTALLATION.
7. TYPICAL VOICE/DATA WORK AREA OUTLET
8. 2-GANG BACK BOX AND CONDUITS BY DIVISION 26. CABLING, CONNECTORS AND ASSOCIATED FACE PLATES BY SECTION 27 13 00. COORDINATE FACE PLATE SELECTION TO MATCH ELECTRICAL RECEPTACLE FACE PLATE. COLOR, MATERIAL AND MANUFACTURER.
9. CHIEF MODEL PAC526XP4 OR APPROVED EQUAL BACK BOX INSTALLED BY DIVISION 26.
10. DUPLEX DATA OUTLET BY DIVISION 27.
11. POWER WIRING BY DIVISION 26.
12. TWO DUPLEX RECEPTACLES BY DIVISION 26.
13. REFER TO SECURITY SYSTEM DRAWINGS FOR LOCATION AND QUANTITIES.

D5 TYPICAL TELECOMMUNICATIONS FACEPLATE DETAIL
SCALE: N.T.S.



E6 PA SYSTEM BLOCK DIAGRAM
SCALE: 1/8" = 1'-0"



G4 AREA OF REFUGE SYSTEM
SCALE: N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

TELECOMMUNICATION DETAILS

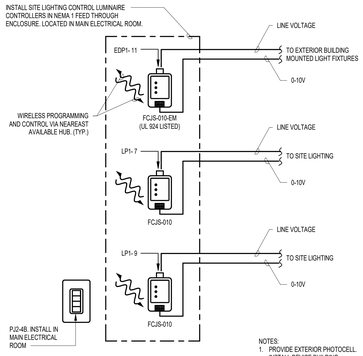
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	JDZ / PLW
REVISIONS:	

DD SET

E-503

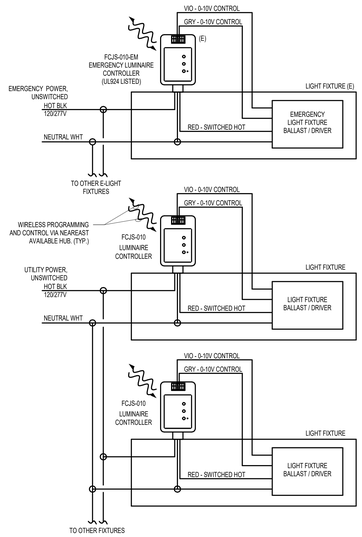
LUTRON VIVE HUBS TO CONNECT TO NEAREST SWITCH VIA ETHERNET. BACnet TO BE UTILIZED FOR INTEGRATION INTO THE BMS SYSTEM.



SITE LIGHTING CONTROL SEQUENCE OF OPERATIONS:
1. SITE LIGHTING SHALL TURN ON AT DUSK VIA SCHEDULED TIME CLOCK AND INPUT FROM BUILDING MOUNTED EXTERIOR PHOTOCELL SENSOR.
2. SITE LIGHTING SHALL TURN ON TO 100%, AND DIM DOWN TO 50% AFTER 9PM. SYSTEM SHALL OVERRIDE LIGHTS DURING OVERRIDE EVENTS (SEE BELOW).
3. SITE LIGHTING SHALL TURN OFF AT MIDNIGHT. SYSTEM SHALL OVERRIDE LIGHTS DURING OVERRIDE EVENTS (SEE BELOW).

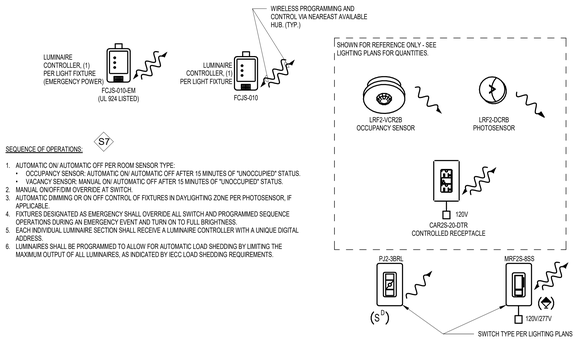
OVERRIDE EVENTS:
A. IN THE EVENT THE ON SITE ELECTRIC GATE IS OPENED BETWEEN DUSK AND DAWN, OVERRIDE SITE LIGHTING TO 50% OUTPUT FOR 2-HOURS.
B. IN THE EVENT MOTION IS DETECTED BY THE BUILDING MOUNTED OCCUPANCY SENSORS AT THE BACK OF THE BUILDING, OVERRIDE SITE LIGHTING TO 50% OUTPUT FOR 2-HOURS.

C1 SITE LIGHTING CONTROL WIRING DIAGRAM
SCALE: NTS



NOTES:
1. ALL LIGHT FIXTURES ON THE PROJECT SHALL BE PROVIDED WITH A LUMINAIRE CONTROLLER.
2. PROVIDE "NORMAL" LUMINAIRE CONTROLLER FOR ALL NORMAL UTILITY POWERED LIGHT FIXTURES.
3. PROVIDE EMERGENCY LUMINAIRE CONTROLLER FOR ALL EMERGENCY LIGHT FIXTURES.
4. DURING THE LOSS OF NORMAL UTILITY POWER, THE UL924 EMERGENCY LUMINAIRE CONTROLLER SHALL AUTOMATICALLY SWITCH OVER TO EMERGENCY MODE.
   A. DURING THIS EVENT, THE CONTROLLED LIGHT FIXTURE SHALL TURN ON TO 100% LIGHT OUTPUT, UNTIL NORMAL UTILITY POWER IS RESTORED AND THE EMERGENCY EVENT IS CLEARED.
   B. ALL WIRELESS CONTROL (SENSORS,SWITCHES,TIME CLOCK) PROGRAMMED TO THE EMERGENCY LIGHT FIXTURE SHALL BE OVERWRITTEN / LOCKED-OUT UNTIL THE EMERGENCY EVENT IS CLEARED.

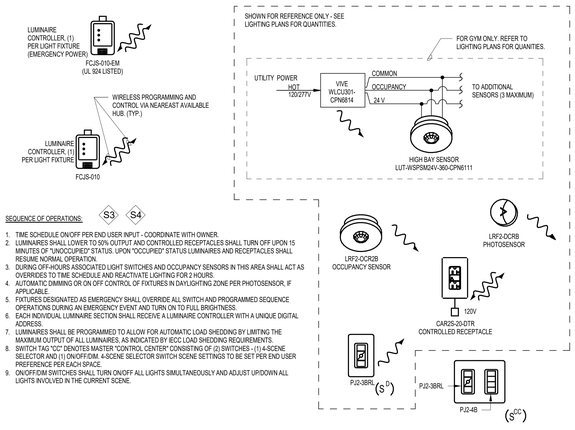
C4 TYPICAL LUMINAIRE CONTROLLER WIRING DIAGRAM
SCALE: NTS



SEQUENCE OF OPERATIONS: S7

1. AUTOMATIC ON/ AUTOMATIC OFF PER ROOM SENSOR TYPE:
   - OCCUPANCY SENSOR: AUTOMATIC ON/ AUTOMATIC OFF AFTER 15 MINUTES OF "UNOCCUPIED" STATUS.
   - VACANCY SENSOR: MANUAL ON/ AUTOMATIC OFF AFTER 15 MINUTES OF "UNOCCUPIED" STATUS.
2. MANUAL ON/OFF/DIM OVERRIDE AT SWITCH.
3. AUTOMATIC DIMMING OR ON OFF CONTROL OF FIXTURES IN DAYLIGHTING ZONE PER PHOTOSENSOR, IF APPLICABLE.
4. FIXTURES DESIGNATED AS EMERGENCY SHALL OVERRIDE ALL SWITCH AND PROGRAMMED SEQUENCE OPERATIONS DURING AN EMERGENCY EVENT AND TURN ON TO FULL BRIGHTNESS.
5. EACH INDIVIDUAL LUMINAIRE SECTION SHALL RECEIVE A LUMINAIRE CONTROLLER WITH A UNIQUE DIGITAL ADDRESS.
6. LUMINAIRES SHALL BE PROGRAMMED TO ALLOW FOR AUTOMATIC LOAD SHEDDING BY LIMITING THE MAXIMUM OUTPUT OF ALL LUMINAIRES, AS INDICATED BY IECC LOAD SHEDDING REQUIREMENTS.

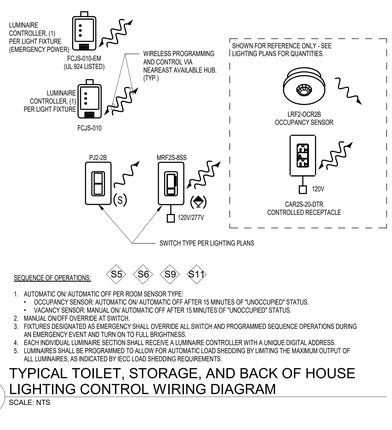
E1 TYPICAL OFFICE LIGHTING CONTROL WIRING DIAGRAM
SCALE: NTS



SEQUENCE OF OPERATIONS: S3 S4

1. TIME SCHEDULE ON/OFF PER END USER INPUT - COORDINATE WITH OWNER.
2. LUMINAIRES SHALL LOWER TO 50% OUTPUT AND CONTROLLED RECEPTACLES SHALL TURN OFF UPON 15 MINUTES OF "UNOCCUPIED" STATUS. UPON "OCCUPIED" STATUS LUMINAIRES AND RECEPTACLES SHALL RESUME NORMAL OPERATION.
3. DURING OFF-HOURS ASSOCIATED LIGHT SWITCHES AND OCCUPANCY SENSORS IN THIS AREA SHALL ACT AS OVERRIDES TO TIME SCHEDULE AND REACTIVATE LIGHTING FOR 2 HOURS.
4. AUTOMATIC DIMMING OR ON OFF CONTROL OF FIXTURES IN DAYLIGHTING ZONE PER PHOTOSENSOR, IF APPLICABLE.
5. FIXTURES DESIGNATED AS EMERGENCY SHALL OVERRIDE ALL SWITCH AND PROGRAMMED SEQUENCE OPERATIONS DURING AN EMERGENCY EVENT AND TURN ON TO FULL BRIGHTNESS.
6. EACH INDIVIDUAL LUMINAIRE SECTION SHALL RECEIVE A LUMINAIRE CONTROLLER WITH A UNIQUE DIGITAL ADDRESS.
7. LUMINAIRES SHALL BE PROGRAMMED TO ALLOW FOR AUTOMATIC LOAD SHEDDING BY LIMITING THE MAXIMUM OUTPUT OF ALL LUMINAIRES, AS INDICATED BY IECC LOAD SHEDDING REQUIREMENTS.
8. SWITCH TAG "CC" DENOTES MASTER "CONTROL CENTER" CONSISTING OF (2) SWITCHES - (1) 4-SCENE SELECTOR AND (1) ON/OFF/DIM. 4-SCENE SELECTOR SWITCH SCENE SETTINGS TO BE SET PER END USER PREFERENCE PER EACH SPACE.
9. ON/OFF/DIM SWITCHES SHALL TURN ON/OFF ALL LIGHTS SIMULTANEOUSLY AND ADJUST UP/DOWN ALL LIGHTS INVOLVED IN THE CURRENT SCENE.

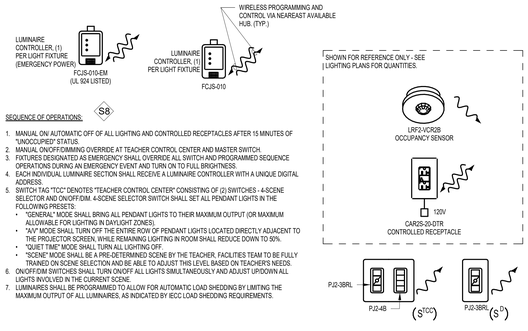
E4 TYPICAL SPECIAL PURPOSE SPACE LIGHTING CONTROL WIRING DIAGRAM
SCALE: NTS



SEQUENCE OF OPERATIONS: S1

1. MANUAL ON/ AUTOMATIC OFF OF ALL LIGHTING AND CONTROLLED RECEPTACLES AFTER 15 MINUTES OF "UNOCCUPIED" STATUS.
2. MANUAL ON/OFF/DIMMING OVERRIDE AT TEACHER CONTROL CENTER AND MASTER SWITCH.
3. AUTOMATIC DIMMING OR ON OFF CONTROL OF FIXTURES IN DAYLIGHTING ZONE PER PHOTOSENSOR, IF APPLICABLE.
4. FIXTURES DESIGNATED AS EMERGENCY SHALL OVERRIDE ALL SWITCH AND PROGRAMMED SEQUENCE OPERATIONS DURING AN EMERGENCY EVENT AND TURN ON TO FULL BRIGHTNESS.
5. EACH INDIVIDUAL LUMINAIRE SECTION SHALL RECEIVE A LUMINAIRE CONTROLLER WITH A UNIQUE DIGITAL ADDRESS.
6. SWITCH TAG "TCC" DENOTES "TEACHER CONTROL CENTER" CONSISTING OF (2) SWITCHES - 4-SCENE SELECTOR AND ON/OFF/DIM. 4-SCENE SELECTOR SWITCH SHALL SET ALL PENDANT LIGHTS IN THE FOLLOWING PRESETS:
   - "GENERAL" MODE SHALL BRING ALL PENDANT LIGHTS TO THEIR MAXIMUM OUTPUT (OR MAXIMUM ALLOWABLE FOR LIGHTING IN DAYLIGHT ZONES)
   - "A/V" MODE SHALL TURN OFF THE ENTIRE ROW OF PENDANT LIGHTS LOCATED DIRECTLY ADJACENT TO THE PROJECTOR SCREEN. WHILE REMAINING LIGHTING IN ROOM SHALL REDUCE DOWN TO 50%.
   - "QUIET TIME" MODE SHALL TURN ALL LIGHTING OFF.
   - "SCENE" MODE SHALL BE A PRE-DETERMINED SCENE BY THE TEACHER. FACILITIES TEAM TO BE FULLY TRAINED ON SCENE SELECTION AND BE ABLE TO ADJUST THIS LEVEL BASED ON TEACHER'S NEEDS.
7. ON/OFF/DIM SWITCHES SHALL TURN ON/OFF ALL LIGHTS SIMULTANEOUSLY AND ADJUST UP/DOWN ALL LIGHTS INVOLVED IN THE CURRENT SCENE.
8. LUMINAIRES SHALL BE PROGRAMMED TO ALLOW FOR AUTOMATIC LOAD SHEDDING BY LIMITING THE MAXIMUM OUTPUT OF ALL LUMINAIRES, AS INDICATED BY IECC LOAD SHEDDING REQUIREMENTS.

G4 TYPICAL NETWORKED CLASSROOM LIGHTING CONTROL WIRING DETAIL
SCALE: NTS



SEQUENCE OF OPERATIONS: S8

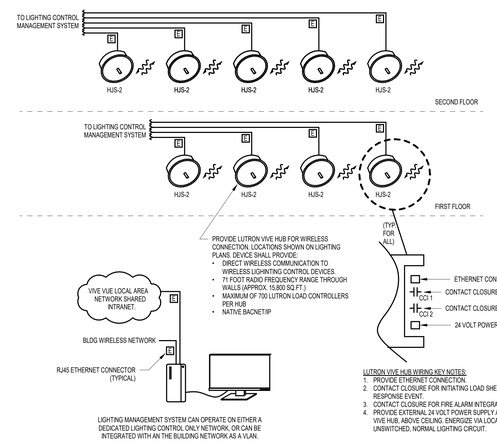
1. MANUAL ON/ AUTOMATIC OFF OF ALL LIGHTING AND CONTROLLED RECEPTACLES AFTER 15 MINUTES OF "UNOCCUPIED" STATUS.
2. MANUAL ON/OFF/DIMMING OVERRIDE AT TEACHER CONTROL CENTER AND MASTER SWITCH.
3. FIXTURES DESIGNATED AS EMERGENCY SHALL OVERRIDE ALL SWITCH AND PROGRAMMED SEQUENCE OPERATIONS DURING AN EMERGENCY EVENT AND TURN ON TO FULL BRIGHTNESS.
4. EACH INDIVIDUAL LUMINAIRE SECTION SHALL RECEIVE A LUMINAIRE CONTROLLER WITH A UNIQUE DIGITAL ADDRESS.
5. SWITCH TAG "TCC" DENOTES "TEACHER CONTROL CENTER" CONSISTING OF (2) SWITCHES - 4-SCENE SELECTOR AND ON/OFF/DIM. 4-SCENE SELECTOR SWITCH SHALL SET ALL PENDANT LIGHTS IN THE FOLLOWING PRESETS:
   - "GENERAL" MODE SHALL BRING ALL PENDANT LIGHTS TO THEIR MAXIMUM OUTPUT (OR MAXIMUM ALLOWABLE FOR LIGHTING IN DAYLIGHT ZONES)
   - "A/V" MODE SHALL TURN OFF THE ENTIRE ROW OF PENDANT LIGHTS LOCATED DIRECTLY ADJACENT TO THE PROJECTOR SCREEN. WHILE REMAINING LIGHTING IN ROOM SHALL REDUCE DOWN TO 50%.
   - "QUIET TIME" MODE SHALL TURN ALL LIGHTING OFF.
   - "SCENE" MODE SHALL BE A PRE-DETERMINED SCENE BY THE TEACHER. FACILITIES TEAM TO BE FULLY TRAINED ON SCENE SELECTION AND BE ABLE TO ADJUST THIS LEVEL BASED ON TEACHER'S NEEDS.
6. ON/OFF/DIM SWITCHES SHALL TURN ON/OFF ALL LIGHTS SIMULTANEOUSLY AND ADJUST UP/DOWN ALL LIGHTS INVOLVED IN THE CURRENT SCENE.
7. LUMINAIRES SHALL BE PROGRAMMED TO ALLOW FOR AUTOMATIC LOAD SHEDDING BY LIMITING THE MAXIMUM OUTPUT OF ALL LUMINAIRES, AS INDICATED BY IECC LOAD SHEDDING REQUIREMENTS.

G1 TYPICAL MUSIC ROOM LIGHTING CONTROL WIRING DIAGRAM
SCALE: NTS

SEQUENCE OF OPERATIONS: S5 S6 S9 S11

1. AUTOMATIC ON/ AUTOMATIC OFF PER ROOM SENSOR TYPE:
   - OCCUPANCY SENSOR: AUTOMATIC ON/ AUTOMATIC OFF AFTER 15 MINUTES OF "UNOCCUPIED" STATUS.
   - VACANCY SENSOR: MANUAL ON/ AUTOMATIC OFF AFTER 15 MINUTES OF "UNOCCUPIED" STATUS.
2. MANUAL ON/OFF OVERRIDE AT SWITCH.
3. FIXTURES DESIGNATED AS EMERGENCY SHALL OVERRIDE ALL SWITCH AND PROGRAMMED SEQUENCE OPERATIONS DURING AN EMERGENCY EVENT AND TURN ON TO FULL BRIGHTNESS.
4. EACH INDIVIDUAL LUMINAIRE SECTION SHALL RECEIVE A LUMINAIRE CONTROLLER WITH A UNIQUE DIGITAL ADDRESS.
5. LUMINAIRES SHALL BE PROGRAMMED TO ALLOW FOR AUTOMATIC LOAD SHEDDING BY LIMITING THE MAXIMUM OUTPUT OF ALL LUMINAIRES, AS INDICATED BY IECC LOAD SHEDDING REQUIREMENTS.

E7 TYPICAL TOILET, STORAGE, AND BACK OF HOUSE LIGHTING CONTROL WIRING DIAGRAM
SCALE: NTS



LUTRON VIVE HUB WIRING KEY NOTES:
1. PROVIDE ETHERNET CONNECTION.
2. CONTACT CLOSURE FOR INITIATING LOAD SHED/DEMAND RESPONSE EVENT.
3. CONTACT CLOSURE FOR FIRE ALARM INTEGRATION.
4. PROVIDE EXTERNAL 24 VOLT POWER SUPPLY ADJACENT TO VIVE HUB, ABOVE CEILING. ENERGIZE VIA LOCAL, UNSWITCHED, NORMAL LIGHTING CIRCUIT.

G7 LUTRON VIVE HUB ONE LINE DIAGRAM
SCALE: NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

LIGHTING CONTROL DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

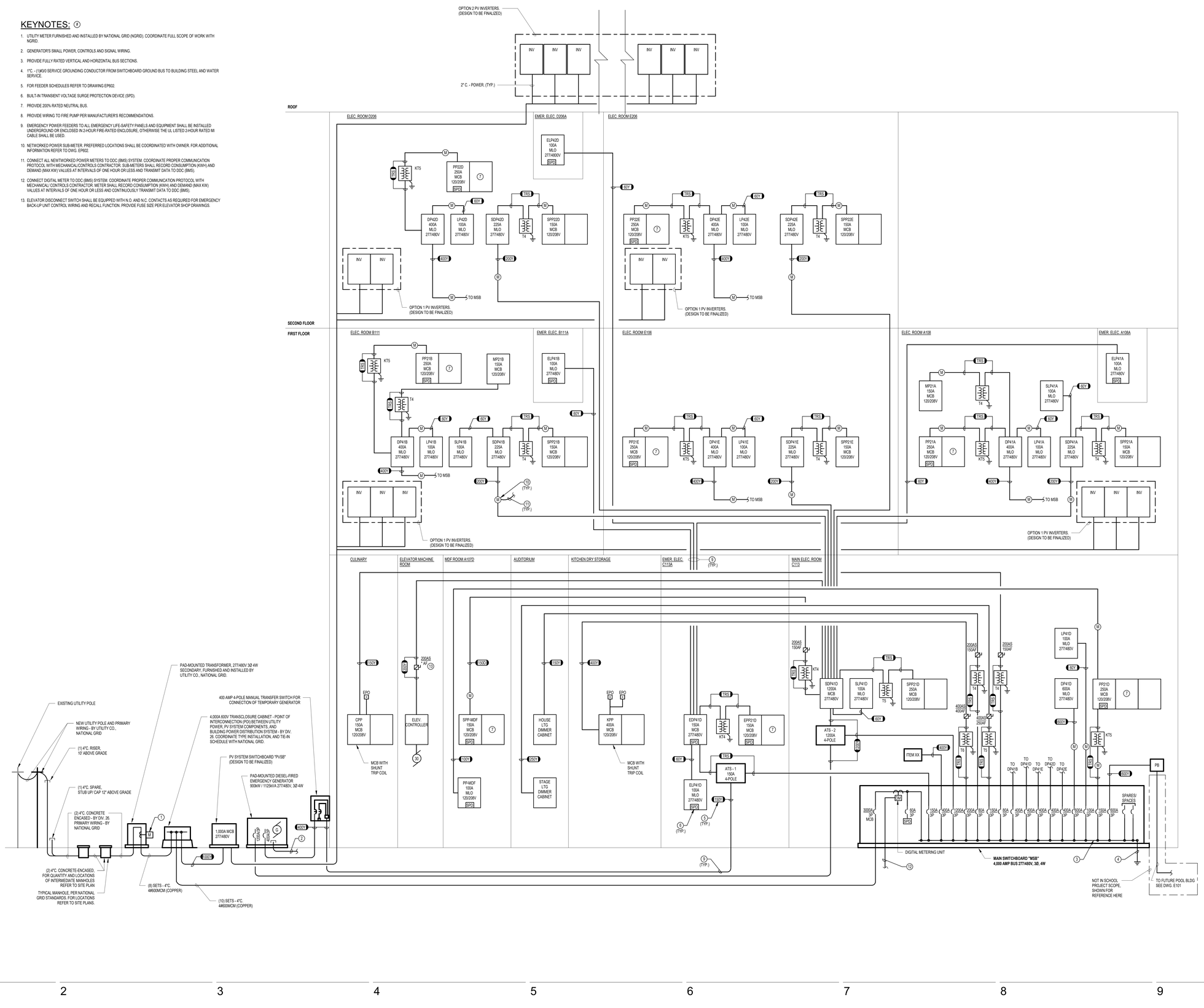
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	MAI
REVISIONS:	

DD SET

EL501

KEYNOTES:

1. UTILITY METER FURNISHED AND INSTALLED BY NATIONAL GRID (NGRID). COORDINATE FULL SCOPE OF WORK WITH NGRID.
2. GENERATOR'S SMALL POWER, CONTROLS AND SIGNAL WIRING.
3. PROVIDE FULLY RATED VERTICAL AND HORIZONTAL BUS SECTIONS.
4. 1"C. - (1)#3/0 SERVICE GROUNDING CONDUCTOR FROM SWITCHBOARD GROUND BUS TO BUILDING STEEL AND WATER SERVICE.
5. FOR FEEDER SCHEDULES REFER TO DRAWING EP602.
6. BUILT-IN TRANSIENT VOLTAGE SURGE PROTECTION DEVICE (SPD).
7. PROVIDE 200% RATED NEUTRAL BUS.
8. PROVIDE WIRING TO FIRE PUMP PER MANUFACTURER'S RECOMMENDATIONS.
9. EMERGENCY POWER FEEDERS TO ALL EMERGENCY LIFE-SAFETY PANELS AND EQUIPMENT SHALL BE INSTALLED UNDERGROUND OR ENCLOSED IN 2-HOUR FIRE-RATED ENCLOSURE. OTHERWISE THE UL LISTED 2-HOUR RATED MI CABLE SHALL BE USED.
10. NETWORKED POWER SUB-METER. PREFERRED LOCATIONS SHALL BE COORDINATED WITH OWNER. FOR ADDITIONAL INFORMATION REFER TO DWG. EP602.
11. CONNECT ALL NEWTWORKED POWER METERS TO DDC (BMS) SYSTEM. COORDINATE PROPER COMMUNICATION PROTOCOL WITH MECHANICAL/CONTROLS CONTRACTOR. SUB-METERS SHALL RECORD CONSUMPTION (KWH) AND DEMAND (MAX KW) VALUES AT INTERVALS OF ONE HOUR OR LESS AND TRANSMIT DATA TO DDC (BMS).
12. CONNECT DIGITAL METER TO DDC (BMS) SYSTEM. COORDINATE PROPER COMMUNICATION PROTOCOL WITH MECHANICAL/ CONTROLS CONTRACTOR. METER SHALL RECORD CONSUMPTION (KWH) AND DEMAND (MAX KW) VALUES AT INTERVALS OF ONE HOUR OR LESS AND CONTINUOUSLY TRANSMIT DATA TO DDC (BMS).
13. ELEVATOR DISCONNECT SWITCH SHALL BE EQUIPPED WITH N.O. AND N.C. CONTACTS AS REQUIRED FOR EMERGENCY BACK-UP UNIT CONTROL WIRING AND RECALL FUNCTION. PROVIDE FUSE SIZE PER ELEVATOR SHOP DRAWINGS.



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

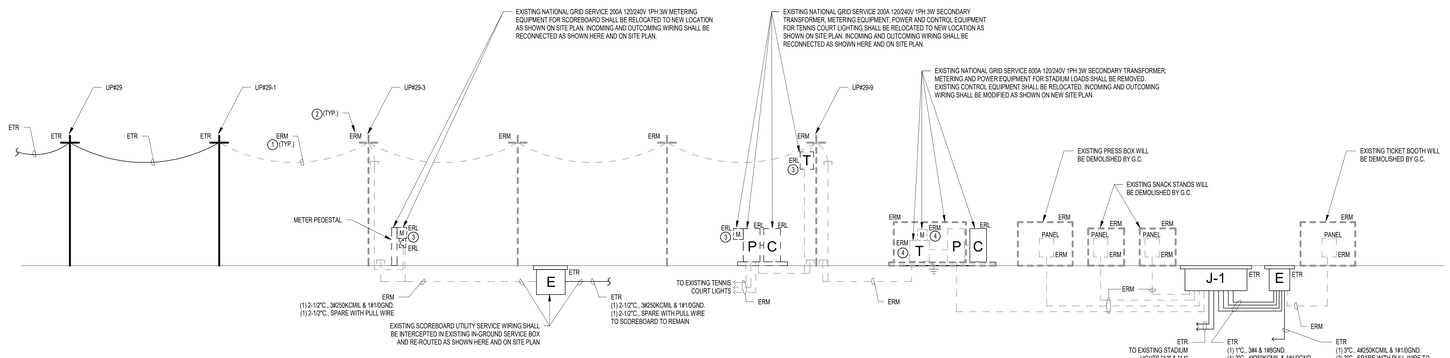
POWER ONE-LINE DIAGRAM

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	12" = 1'-0"
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

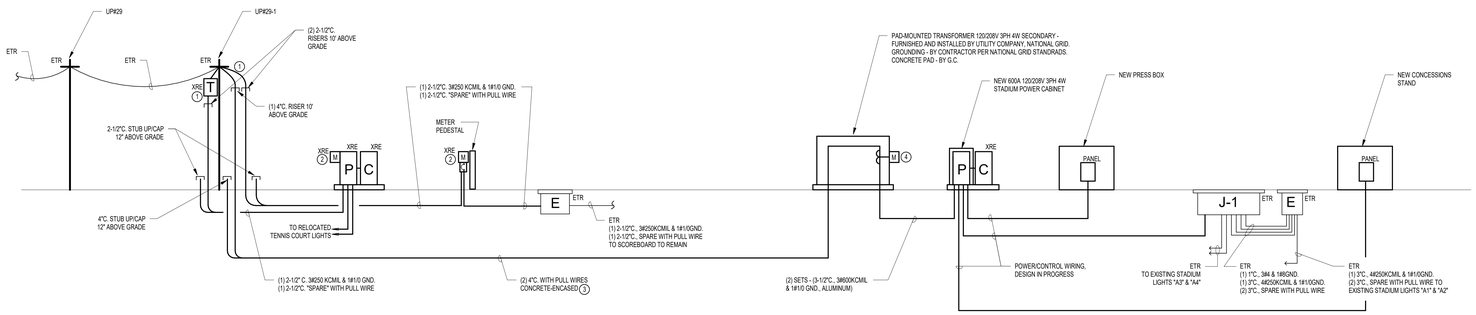
EP601A



D2 EXISTING NATIONAL GRID "MOVING" SERVICE: STADIUM (WR 30826348), TENNIS COURT (WR 30826353), SCOREBOARD (WR 30826342)
SCALE: 12" = 1'-0"

DEMO KEYNOTES:

1. UTILITY SERVICE PRIMARY OVERHEAD WIRING BETWEEN UTILITY POLES SCHEDULED FOR DEMOLITION SHALL BE DISCONNECTED AND REMOVED BY UTILITY COMPANY, NATIONAL GRID.
2. UTILITY POLES SCHEDULED FOR DEMOLITION SHALL BE REMOVED BY NATIONAL GRID.
3. IDENTIFIED UTILITY SERVICE EQUIPMENT SHALL BE DISCONNECTED, RELOCATED AND RECONNECTED AT NEW LOCATION BY NATIONAL GRID.
4. IDENTIFIED UTILITY SERVICE EQUIPMENT SHALL BE DISCONNECTED AND REMOVED BY NATIONAL GRID.



G2 MODIFIED NATIONAL GRID "MOVING" SERVICE: STADIUM (WR 30826348), TENNIS COURT (WR 30826353), SCOREBOARD (WR 30826342)
SCALE: 12" = 1'-0"

NEW WORK KEYNOTES:

1. UTILITY SERVICE PRIMARY OVERHEAD WIRING SHALL BE RECONNECTED BY UTILITY COMPANY, NATIONAL GRID.
2. EXISTING UTILITY SERVICE METERING EQUIPMENT SHALL BE RECONNECTED BY NATIONAL GRID.
3. UTILITY SERVICE PRIMARY WIRING AND CONNECTIONS - BY NATIONAL GRID.
4. UTILITY SERVICE METERING EQUIPMENT - BY NATIONAL GRID.

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

POWER ONE-LINE DIAGRAMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	12" = 1'-0"
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

EP601B

"K" FACTOR DRY TYPE TRANSFORMER SCHEDULE

SIZE	kVA	480 VOLT OVERCURRENT	208 VOLT OVERCURRENT	480V FEEDER	120/208V FEEDER	GROUNDING (S)
KT1	9	20A, 3P	30A, 3P	3#12 & 1#12G - 3/4"C.	3#10, 1#6 NEUTRAL & 1#10 - 3/4"C.	1#8 - 3/4"C
KT2	15	30A, 3P	50A, 3P	3#10 & 1#10G - 3/4"C.	3#6, 1#3 NEUTRAL & 1#8G - 1"C.	1#8 - 3/4"C
KT3	30	60A, 3P	100A, 3P	3#6 & 1#10G - 1"C.	3#3, 1#3/0 NEUTRAL & 1#8G - 1 1/2"C	1#8 - 3/4"C
KT4	45	80A, 3P	150A, 3P	3#4 & 1#8G - 1 1/4"C.	3#1/0, 2#1/0 NEUTRAL & 1#6G - 2"C.	1#6 - 3/4"C
KT5	75	150A, 3P	250A, 3P	3#1/0 & 1#6G - 1 1/2"C.	3-250kcmil, 2-250kcmil NEUTRAL & 1#2G - 3"C.	1#2 - 3/4"C
KT6	112.5	200A, 3P	400A, 3P	3#3/0 & 1#6G - 2"C.	3-400kcmil, 2-400kcmil NEUTRAL & 1#1/0G - 4"C.	1#1/0 - 3/4"C.
KT7	150	300A, 3P	500A, 3P	3-350kcmil & 1#4G - 3"C.	6-250kcmil, 4-250kcmil NEUTRAL & 2#1/0G, 2-3"C.	1#1/0 - 3/4"C
KT8	225	400A, 3P	800A, 3P	3-500kcmil & 1#3G - 3 1/2"C.	9-300kcmil, 6-300kcmil NEUTRAL & 3#2/0G, 3-3"C.	1#2/0 - 3/4"C.
KT9	300	600A, 3P	1,000A, 3P	6-350kcmil & 2#1G 2-3"C.	9-400kcmil, 6-400kcmil NEUTRAL & 3#3/0G, 3-4"C.	1#3/0 - 3/4"C
KT10	500	900A, 3P	1,600A, 3P	9-350kcmil & 3#2/0G 3-3"C.	12-400kcmil, 8-400kcmil NEUTRAL & 4#3/0G, 4-4"C.	1#3/0 - 3/4"C (E)

TRANSFORMER NOTES:

1. BOND NEUTRAL OF TRANSFORMER SECONDARY TO THE TRANSFORMER CASE, WITH BONDING JUMPER.
2. GROUND THE CASING OF THE TRANSFORMER TO NEAREST AVAILABLE EFFECTIVELY GROUNDED WATER PIPE OR STRUCTURAL STEEL IN ACCORDANCE WITH N.E.C. 250-50 AND 250-52.
3. ALL CONDUCTOR SIZES ARE FOR COPPER CONDUCTORS. N.E.C. TABLE 310-16.
4. SECONDARY OVERCURRENT PROTECTION SHALL BE LOCATED WITHIN TEN (10) FEET OF THE TRANSFORMER SECONDARY TERMINALS EITHER IN A PANELBOARD (MAIN BREAKER) OR A INDIVIDUALLY MOUNTED CIRCUIT BREAKER.
5. TRANSFORMER BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR, EXCEPT NOTED OTHERWISE.
6. TRANSFORMER BONDING JUMPER (1-300kcmil).
7. PROVIDE THREE GROUNDING CONNECTIONS. CONNECT GROUNDING ELECTRODE TO THE NEAREST GROUNDED STEEL COLUMN OR CODE APPROVED ELECRODE AND BOND TO THE NEAREST COLD WATER SUPPLY PIPE.
8. GROUNDING ELECTRODE CONDUCTOR IS DOUBLED FOR HIGH FREQUENCY GROUNDING. GROUNDING CONDUCTORS SHALL BE OF UNEQUAL LENGTH. (TEN PERCENT MINIMUM DIFFERENCE). INSTALL IN SAME CONDUIT. BOND CONDUIT TO CONDUCTORS AT BOTH ENDS. DO NOT INSTALL CONDUCTORS IN LOOP.
9. OVERCURRENT DEVICE (OC) CAN BE A CIRCUIT BREAKER OR FUSE AS REQUIRED BY DESIGN.
10. UNLESS OTHERWISE INDICATED ALL TRANSFORMERS ARE SHIELDED ISOLATING TYPE AND HAVE A "K" RATING OF 13.
11. NEUTRAL CONDUCTOR IS RATED 200% FOR HARMONIC CURRENTS.
12. EQUIPMENT GROUNDING CONDUCTORS SHALL BE GREEN, ISOLATED GROUND CONDUCTOR SHALL BE GREEN WITH A YELLOW STRIPE.
13. PROVIDE TYPE AND MINUMUM SIZE OF RACEWAY OR CABLE AS INDICATED IN SPECIFICATIONS OR ON THE DRAWINGS.

DRY TYPE TRANSFORMER SCHEDULE

ID	kVA	480 VOLT OVERCURRENT	208 VOLT OVERCURRENT	480V FEEDER	120/208V FEEDER	GROUNDING (S)
T1	9	20A, 3P	30A, 3P	3#12 & 1#12G - 3/4"C.	4#10 & 1#10G - 3/4"C.	1#8 - 3/4"C
T2	15	30A, 3P	50A, 3P	3#10 & 1#10G - 3/4"C.	4#6 & 1#8G - 1"C.	1#8 - 3/4"C
T3	30	60A, 3P	100A, 3P	3#6 & 1#10G - 1"C.	4#3 & 1#8G - 1 1/4"C.	1#8 - 3/4"C
T4	45	80A, 3P	150A, 3P	3#4 & 1#8G - 1 1/4"C.	4#1/0 & 1#6G - 2"C.	1#6 - 3/4"C
T5	75	150A, 3P	250A, 3P	3#1/0 & 1#6G - 1 1/2"C.	4-250kcmil & 1#2G - 3"C.	1#2 - 3/4"C
T6	112.5	200A, 3P	400A, 3P	3#3/0 & 1#6G - 2"C.	4-600kcmil & 1#1/0G - 4"C.	1#1/0 - 3/4"C.
T7	150	300A, 3P	500A, 3P	3-350kcmil & 1#4G - 3"C.	8-250kcmil & 2#1/0G 2-3"C.	1#1/0 - 3/4"C
T8	225	400A, 3P	800A, 3P	3-500kcmil & 1#3G - 3 1/2"C.	8-600kcmil & 2#3/0G 2-4"C.	1#3/0 - 3/4"C
T9	300	600A, 3P	1000A, 3P	6-350kcmil & 2#1G 2-3"C.	12-400kcmil & 3#3/0G 3-3"C.	1#3/0 - 3/4"C
T10	500	900A, 3P	1600A, 3P	9-350kcmil & 3#2/0G 3-3"C.	16-600kcmil & 4#3/0G 4-4"C.	1#3/0 - 3/4"C (E)

TRANSFORMER NOTES:

1. BOND NEUTRAL OF TRANSFORMER SECONDARY TO THE TRANSFORMER CASE, WITH BONDING JUMPER.
2. GROUND THE CASING OF THE TRANSFORMER TO NEAREST AVAILABLE EFFECTIVELY GROUNDED WATER PIPE OR STRUCTURAL STEEL IN ACCORDANCE WITH N.E.C. 250-50 AND 250-52.
3. ALL CONDUCTOR SIZES ARE FOR COPPER CONDUCTORS. N.E.C. TABLE 310-16.
4. SECONDARY OVERCURRENT PROTECTION SHALL BE LOCATED WITHIN TEN (10) FEET OF THE TRANSFORMER SECONDARY TERMINALS EITHER IN A PANELBOARD (MAIN BREAKER) OR A INDIVIDUALLY MOUNTED CIRCUIT BREAKER.
5. TRANSFORMER BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR, EXCEPT NOTED OTHERWISE.
6. TRANSFORMER BONDING JUMPER (1-300kcmil).

BRANCH CIRCUITS SCHEDULE

120 OR 277 VOLT 1Φ, 2W. CIRCUITS

CIRCUIT BREAKER	CONDUCTOR
20A-1P	2 #12 & 1 #12 GND. - 3/4"C.
30A-1P	2 #10 & 1 #10 GND. - 3/4"C.
40A-1P	2 #6 & 1 #10 GND. - 3/4"C.
50A-1P	2 #6 & 1 #10 GND. - 3/4"C.
60A-1P	2 #6 & 1 #10 GND. - 3/4"C.

208 OR 480 VOLT 1Φ, 2W. CIRCUITS

20A-2P	2 #12 & 1 #12 GND. - 3/4"C.
30A-2P	2 #10 & 1 #10 GND. - 3/4"C.
40A-2P	2 #6 & 1 #10 GND. - 3/4"C.
50A-2P	2 #6 & 1 #10 GND. - 3/4"C.
60A-2P	2 #6 & 1 #10 GND. - 3/4"C.

208 OR 480 VOLTS, 3Φ, 3W. CIRCUITS

15A-3P, 20A-3P	3 #12 & 1 #12 GND. - 3/4"C.
30A-3P	3 #10 & 1 #10 GND. - 3/4"C.
40A-3P	3 #6 & 1 #10 GND. - 3/4"C.
50A-3P	3 #6 & 1 #10 GND. - 3/4"C.
60A-3P	3 #6 & 1 #10 GND. - 3/4"C.

NOTES:
1. TYPE MC CABLE SHALL INCLUDE FULL SIZE INSULATED GROUND CONDUCTOR. SIZES AS INDICATED IN SCHEDULE.
2. UPGRADE WIRE SIZE ACCORDING TO VOLTAGE DROP CHART

THREE PHASE AND SINGLE PHASE CIRCUIT SCHEDULE NOTES

1. UNLESS OTHERWISE INDICATED, CONDUCTOR SIZING SHALL MATCH THE SIZE INDICATED FOR THE APPLICABLE OVERCURRENT DEVICE. PROVIDE LARGER CONDUCTORS AND RACEWAY WHERE INDICATED.
2. PROVIDE TYPE AND MINIMUM SIZE OF RACEWAY OR CABLE AS INDICATED IN SPECIFICATION OR ON THE DRAWINGS
3. PROVIDE NEUTRAL IN CIRCUIT UNLESS DEVICE SERVED DOES NOT HAVE PROVISIONS FOR A NEUTRAL CONNECTION.
4. MINIMUM SIZE CONDUIT FOR SCHEDULE 80 OR ENT IS ONE STANDARD ELECTRICAL SIZE LARGER THAN INDICATED IN THE SCHEDULE. PROVIDE LARGER CONDUIT WHERE SPECIFICALLY INDICATED OTHERWISE. DO NOT INSTALL PVC INDOORS.
5. PROVIDE SEPARATE, INSULATED EQUIPMENT GROUNDING CONDUCTOR WITH EACH FEEDER AND BRANCH CIRCUIT.
6. PROVIDE ADDITIONAL ISOLATED GROUND CONDUCTOR SAME SIZE AS THE EQUIPMENT GROUND. IN CIRCUITS TO ISOLATED GROUND PANELS OR DEVICES. GREEN WITH YELLOW STRIPE.
7. FOR PANELS WITH 200% NEUTRAL PROVIDE 200% NEUTRAL USING TWO PHASE SIZED CONDUCTORS IF SIZE #1/0 OR LARGER, OTHERWISE PROVIDE (1) #3/0 NEUTRAL.
8. PROVIDE SEPARATE INDIVIDUAL NEUTRAL FOR ALL CIRCUITS EXCEPT LIGHTING CIRCUITS. PROVIDE A DEDICATED NEUTRAL FOR GFCI OR AFCI CIRCUITS.
9. CIRCUIT SIZING BASED ON 600 VOLT 90°C RATED INSULATION. INTERIOR TYPE THHN/THWN-2 OR XHHW-2 (LARGER THAN SIZE #6). FOR EXTERIOR OR BELOW GRADE UTILIZE RHW-2/USE-2 IN CONDUIT ONE SIZE LARGER. SIZING BASED ON 60°C AMPACITIES FOR 100A OR LESS AND 75°C AMPACITIES OVER 100A.
10. FOR SERVICE ENTRANCE CONDUCTORS IT IS NOT REQUIRED TO INSTALL THE GROUNDING CONDUCTOR. THE NEUTRAL CONDUCTOR IS FULL SIZED AND IS BONDED TO THE GROUNDING ELECTRODE CONDUCTOR AT THE TRANSFORMER AND THE SERVICE DISCONNECT.
11. FOR BATTERY CABLES, INSTALL AND GROUP IN PAIRS (ONE POSITIVE AND ONE NEGATIVE CONDUCTOR) MARK POSITIVE CONDUCTOR WITH 5 OVERLAPPING WRAPS OF RED ELECTRICAL TAPE ON EACH END.

SPACING FOR VERTICAL CONDUCTOR SUPPORTS

		480V FEEDER		CONDUCTORS		
				ALUMINUM OR COPPER-CLAD ALUMINUM	COPPER	
SIZE OF WIRE	SUPPORT OF CONDUCTORS IN VERTICAL RACEWAYS	m	ft	m	ft	
18 AWG THROUGH 8 AWG	NOT GREATER THAN	30	100	30	100	
6 AWG THROUGH 1/0 AWG	NOT GREATER THAN	60	200	30	100	
20 AWG THROUGH 4/0 AWG	NOT GREATER THAN	55	180	25	80	
OVER 4/0 AWG THROUGH 350 kcmil	NOT GREATER THAN	41	135	18	60	
OVER 350 kcmil THROUGH 500 kcmil	NOT GREATER THAN	36	120	15	50	
OVER 500 kcmil THROUGH 750 kcmil	NOT GREATER THAN	28	95	12	40	
OVER 750 kcmil	NOT GREATER THAN	26	85	11	35	

SPECIAL PURPOSE RECEPTACLE SCHEDULE

SYMBOL	NEMA	DESCRIPTION	C.B.	BRANCH CIRCUIT
A	5-20R	20A - 125V, 2P, 3W SINGLE	1P-20A	2#12 & 1#12G-3/4"C
B	5-30R	30A - 125V, 2P, 3W	1P-30A	2#10 & 1#10G-3/4"C
C	5-50R	50A - 125V, 2P, 3W	1P-50A	2#6 & 1#10G-3/4"C
D	6-20R	20A - 250V, 2P, 3W SINGLE	2P-20A	2#12 & 1#12G-3/4"C
E	6-30R	30A - 250V, 2P, 3W	2P-30A	2#10 & 1#10G-3/4"C
F	6-50R	50A - 250V, 2P, 3W	2P-50A	2#6 & 1#10G-3/4"C
G	14-20R	20A - 125/250V, 3P, 4W	2P-20A	3#12 & 1#12G-3/4"C
H	L14-30R	30A - 125/250V, 3P, 4W, TWIST LOCK	2P-30A	3#10 & 1#10G-3/4"C
J	14-50R	50A - 125/250V, 3P, 4W	2P-50A	3#6 & 1#10G-1"C
K	14-60R	60A - 125/250V, 3P, 4W	2P-60A	3#6 & 1#10G-1"C
L	15-20R	20A - 250V, 3Ø, 3P, 4W	3P-20A	3#12 & 1#12G-1/2"C
M	15-30R	30A - 250V, 3Ø, 3P, 4W	3P-30A	3#10 & 1#10G-3/4"C
N	15-50R	50A - 250V, 3Ø, 3P, 4W	3P-50A	3#6 & 1#10G-1"C
P	15-60R	60A - 250V, 3Ø, 3P, 4W	3P-60A	3#6 & 1#10G-1"C
Q	L5-20R	20A - 125V, 2P, 3W, TWIST LOCK	1P-20A	2#12 & 1#12G-3/4"C
R	L5-30R	30A - 125V, 2P, 3W, TWIST LOCK	1P-30A	2#10 & 1#10G-3/4"C
S	L6-20R	20A - 250V, 2P, 3W, TWIST LOCK	2P-20A	2#12 & 1#12G-3/4"C
T	L6-30R	30A - 250V, 2P, 3W, TWIST LOCK	2P-30A	2#10 & 1#10G-3/4"C
U	L14-20R	20A - 125/250V, 3P, 4W, TWIST LOCK	2P-20A	3#12 & 1#12G-3/4"C

VOLTAGE DROP CHART

LOAD UP TO	CONDUCTOR #12	SIZE / #10	MAX LENGTH #8
120 V CIRCUITS			
800 VA	155 FT	245 FT	390 FT
1000 VA	125 FT	195 FT	310 FT
1200 VA	105 FT	165 FT	260 FT
1400 VA	90 FT	140 FT	220 FT
1600 VA	80 FT	125 FT	195 FT
1800 VA	70 FT	110 FT	175 FT
277 V CIRCUITS			
2000 VA	330 FT	525 FT	830 FT
2500 VA	265 FT	420 FT	665 FT
3000 VA	220 FT	350 FT	555 FT
3500 VA	190 FT	300 FT	475 FT
4000 VA	165 FT	260 FT	415 FT
-48 V DC BRANCH CIRCUITS (-1 VOLT)			
10 A.	65 FT	162 FT	410 FT
20 A.	33 FT	81 FT	205 FT
30 A.	22 FT	54 FT	136 FT
40 A.	16 FT	40 FT	102 FT
60 A.	---	27 FT	68 FT
-48 V DC MAIN FEEDERS (-1 VOLT)			
100 A.	136 FT	194 FT	292 FT
150 A.	91 FT	156 FT	195 FT
400 A.	34 FT	58 FT	73 FT
600 A.	---	39 FT	48 FT
800 A.	---	---	36 FT

LOAD UP TO	CONDUCTOR #6	SIZE / #4	MAX LENGTH #10
10 A.	65 FT	162 FT	410 FT
20 A.	33 FT	81 FT	205 FT
30 A.	22 FT	54 FT	136 FT
40 A.	16 FT	40 FT	102 FT
60 A.	---	27 FT	68 FT

LOAD UP TO	CONDUCTOR #500	SIZE / #500	MAX LENGTH #750
100 A.	136 FT	194 FT	292 FT
150 A.	91 FT	156 FT	195 FT
400 A.	34 FT	58 FT	73 FT
600 A.	---	39 FT	48 FT
800 A.	---	---	36 FT

LEGEND OF FEEDER SIZES
(COPPER CONDUCTOR)

FEEDER SYMBOL	CONDUIT SIZE	CONDUCTOR SIZE	MAXIMUM AMPERE RATING
15Z	3/4"	3#12+#12G	15
15Y	3/4"	4#12+#12G	
30D	3/4"	3#10+#10G	30
30Z	3/4"	4#10+#10G	
50D	3/4"	3#8+#10G	50
50Y	1"	4#8+#10G	
60D	3/4"	3#6+#10G	60
60Z	1 1/4"	4#6+#10G	
80D	1 1/4"	3#4+#8G	80
80Y	1 1/4"	4#4+#8G	
100D	1 1/4"	3#2#8G	100
100Y	1 1/4"	4#2+#8G	
125D	1 1/2"	3#1#6G	125
125Y	1 1/2"	4#1+#6G	
TRS	REFER TO TRANSFORMER SCHEDULE FOR PRIMARY, SECONDARY AND GROUNDING FEEDER SIZES		

NOTE: REFER TO ONE LINE RISER DIAGRAMS FOR MEDIUM AND HIGH VOLTAGE FEEDER SIZES

LEGEND OF FEEDER SIZES
(ALUMINUM PHASE AND NEUTRAL CONDUCTORS, COPPER-GROUNDING)

FEEDER SYMBOL	CONDUIT SIZE	CONDUCTOR SIZE	MAXIMUM AMPERE RATING
150D	1 1/2"	3#1/0+#6G	150
150Y	2"	4#1/0+#6G	
175D	2"	3#2/0+#6G	175
175Y	2"	4#2/0+#6G	
200D	2"	3#3/0+#6G	200
200Y	2"	4#3/0+#6G	
225D	2"	3#4/0+#4G	225
225Y	2 1/2"	4#4/0+#4G	
250D	2 1/2"	3#250 KCMIL+#4G	250
250Y	3"	4#250 KCMIL+#4G	
300D	3"	3#350 KCMIL+#4G	300
300Y	3"	4#350 KCMIL+#4G	
350D	3 1/2"	3#500 KCMIL+#3G	350
350Y	4"	4#500 KCMIL+#3G	

FEEDER SYMBOL	CONDUIT SIZE	CONDUCTOR SIZE	MAXIMUM AMPERE RATING
400D	3 1/2"	3#500 KCMIL+#3G	400
400Y	4"	4#600 KCMIL+#3G	
450D	2-2 1/2"	2 SETS (3#250 KCMIL+#2G)	450
450Y	2-3"	2 SETS (4#250 KCMIL+#2G)	
500D	2-2 1/2"	2 SETS (3#250 KCMIL+#2G)	500
500Y	2-3"	2 SETS (4#250 KCMIL+#2G)	
600D	2-3"	2 SETS (3#350 KCMIL+#1G)	600
600Y	2-3"	2 SETS (4#350 KCMIL+#1G)	
700D	2-3 1/2"	2 SETS (3#500 KCMIL+#1/0G)	700
700Y	2-4"	2 SETS (4#500 KCMIL+#1/0G)	
800D	2-3 1/2"	2 SETS (3#600 KCMIL+#1/0G)	800
800Y	2-4"	2 SETS (4#600 KCMIL+#1/0G)	
900D	3-2 1/2"	3 SETS (3#350 KCMIL+#2/0G)	900
900Y	3-3"	3 SETS (4#350 KCMIL+#2/0G)	

FLOOR BOX SCHEDULE

ID	DEVICES	LOCATION	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL #	NOTES
F-1	4	SLAB ON GRADE	LEGRAND	RFB4-CI-1	FOUR GANG, CAST IRON RECESSED FLOOR BOX WITH (2) DUPLEX RECEPTACLES BRACKETS, (1) COMMUNICATION BRACKET AND DIE-CAST ALUMINUM COVER ASSEMBLY. (2) DUPLEX RECEPTACLES AND (4) DATA JACKS
F-2	3	2ND FLOOR	LEGRAND	RFB4	SAME, EXCEPT SHEET STEEL CONSTRUCTION

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

POWER SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

EP602

MP21A

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC A108

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 150 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

PP-MDF

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: MDF A107D

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

SPP-MDF

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: MDF A107D

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 150 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

PANELBOARD SDP41A

480Y/277 V, 3Φ, 4W
400 A MLO
Surface

A.I.C. Rating:
LOCATION: ELEC A108

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SPP21A' VIA T4
2	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SLP41A'
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Notes:

SPP21A

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC A108

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 150 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

ELP41A

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION:

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

PANELBOARD DP41A

480Y/277 V, 3Φ, 4W
400 A MLO
Surface

A.I.C. Rating:
LOCATION: ELEC A108

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	150 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'PP41A' VIA KT5
2	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'LP41A'
3	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'MP21A' VIA T4
4						
5						
6						
7						
8						
9						
10						
11						
12						

Notes:

LP41A

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC A108

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

PP21A

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC A108

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 250 A
MCB RATING: 225 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

SLP41A

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC A108

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

PANEL SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER: 2206
DATE: 03/29/24
SCALE:
DRAWN BY: MAI / SD
REVISIONS:

N

DD SET

EP603

SLP41B

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELECTRICAL ROOM B111

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A:	0 VA
TOTAL PHASE B:	0 VA
TOTAL PHASE C:	0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

PANELBOARD SDP41B

480Y/277 V, 3Φ, 4W
225 A MLO
Surface

A.I.C. Rating:
LOCATION: ELECTRICAL ROOM B111

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SPP21B' VIA T4
2	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SLP41B"
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Notes:

PANELBOARD DP41B

480Y/277 V, 3Φ, 4W
400 A MLO
Surface

A.I.C. Rating:
LOCATION: ELECTRICAL ROOM B111

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	150 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'PP21B' VIA KT5
2	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'LP41B'
3	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'MP21B' VIA T4
4						
5						
6						
7						
8						
9						
10						
11						
12						

Notes:

ELP41B

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION:

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42

TOTAL PHASE A:	0 VA
TOTAL PHASE B:	0 VA
TOTAL PHASE C:	0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

SPP21B

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELECTRICAL ROOM B111

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 150 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A:	0 VA
TOTAL PHASE B:	0 VA
TOTAL PHASE C:	0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

LP41B

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELECTRICAL ROOM B111

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A:	0 VA
TOTAL PHASE B:	0 VA
TOTAL PHASE C:	0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

MP21B

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELECTRICAL ROOM B111

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 150 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42

TOTAL PHASE A:	0 VA
TOTAL PHASE B:	0 VA
TOTAL PHASE C:	0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

PP21B

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELECTRICAL ROOM B111

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 250 A
MCB RATING: 225 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A:	0 VA
TOTAL PHASE B:	0 VA
TOTAL PHASE C:	0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

PANEL SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

EP604

CPP

VOLTAGE: 208Y/120 V
3 PHASES, 4WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: FCS D110

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 150 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 VA
				Total Est. Demand: 0 VA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

NOTES:

PANELBOARD EDP41D

480Y/277 V, 3Φ, 4W
150 A MCB
Surface

A.I.C. Rating:
LOCATION: EM ELEC C113A

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'EPP21D' VIA KT4
2	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'ELP41D'
3	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'ELP41B'
4	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'ELP41A'
5	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'ELP42D'
6						
7						
8						
9						
10						
11						
12						

Notes:

PANELBOARD SDP41D

480Y/277 V, 3Φ, 4W
1200 A MCB
Surface

A.I.C. Rating:
LOCATION: ELEC C113

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	150 A	3		2.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SPP21D' VIA T5
2	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SLP41D'
3	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SPP-MDF' VIA KT4
4	150 A	3		0.0	REFER TO ONE-LINE DIAGRAM	ELEVATOR
5	200 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SDP41A'
6	200 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SDP41B'
7	200 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SDP41E'
8	200 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SDP42E'
9	200 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SDP42D'
10						
11						
12						
			Total Conn. Load:	2.0 kVA	**NOTES:**	
			Total Conn. Current	2 A		
			Total Diversified Current:	2 A		

LP41D

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC C113

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 VA
				Total Est. Demand: 0 VA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

NOTES:

SWITCHBOARD MSB

480Y/277 V, 3Φ, 4W
4000A BUS
3000A MCB (100% RATED)

A.I.C. Rating:
LOCATION: ELEC C113

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	60 A	3		--	--	SPD
2	150 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'EDP41D' VIA ATS-1
3	1200 A	3		2.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SDP41D' VIA ATS-2
4	150 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'PP21D' VIA KT5
5	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'LP41D'
6	600 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'DP41D'
7	400 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'DP41B'
8	400 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'DP41E'
9	400 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'DP41A'
10	400 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'DP42D'
11	400 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'DP42E'
12	200 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'KPP' VIA T6
13	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'CPP' VIA T4
14						
15						
16	600 A	3		--	--	TO FUTURE POOL BLDG.
17	90 A	3		53.0	1-1/4"C., 3#2 & 1#8GND.	EWH-
18	90 A	3		53.0	1-1/4"C., 3#2 & 1#8GND.	EWH-
19	90 A	3		53.0	1-1/4"C., 3#2 & 1#8GND.	EWH-
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
			Total Conn. Load:	161 kVA	**NOTES:**	
			Total Conn. Current	194 A		
			Total Diversified Current:	155 A		

PANELBOARD DP41D

480Y/277 V, 3Φ, 4W
600 A MLO
Surface

A.I.C. Rating:
LOCATION: ELEC C113

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
					Notes:	

ELP41D

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: EM ELEC C113A

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 VA
				Total Est. Demand: 0 VA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

NOTES:

SLP41D

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC C113

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 VA
				Total Est. Demand: 0 VA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

NOTES:

PP21D

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC C113

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 250 A
MCB RATING: 225 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA			0 VA			3	20 A	DOCK LEVELER (C119A)	2
3	--	--	--		0 VA			0 VA		--	--	--	4
5	--	--	--			0 VA			0 VA	--	--	--	6
7	PANEL 'PP-MDF'	100 A	3	0 VA			0 VA			3	20 A	OVERHEAD DOOR (C119A)	8
9	--	--	--		0 VA			0 VA		--	--	--	10
11	--	--	--			0 VA			0 VA	--	--	--	12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84
85													86
87													88
89													90
91													92
93													94
95													96
97													98
99													100
101													102
103													104
105													106
107													108
109													110
111													112
113													114
115													116
117													118
119													120
121													122
123													124
125													126

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
POWER	0 VA	0.00%	0 VA	
				Total Conn. Load: 0 VA
				Total Est. Demand: 0 VA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

NOTES:

EPP21D

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: EM ELEC C113A

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 VA
				Total Est. Demand: 0 VA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

NOTES:

SPP21D

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC C113

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 250 A
MCB RATING: 225 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	ELEVATOR	20 A	1	0 VA			180 VA			1	20 A	RECEP. (D100)	2
3	ELEVATOR PIT	20 A	1		180 VA			800 VA		1	20 A	REFRIGERATOR (D105A)	4
5	REFRIGERATOR (D105A)	20 A	1			800 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 180 VA
TOTAL PHASE B: 980 VA
TOTAL PHASE C: 800 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
POWER	0 VA	0.00%	0 VA	
RECEPTACLES	1960 VA	100.00%	1960 VA	**Total Conn. Load:** 1960 VA
				Total Est. Demand: 1960 VA
				Total Conn. Current: 5 A
				Total Est. Demand Current: 5 A

NOTES:

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

PANEL SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

EP605

PANELBOARD SDP41E

480Y/277 V, 3Φ, 4W
225 A MLO
Surface

A.I.C. Rating:
LOCATION: ELECTRICAL ROOM E106

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SPP21E' VIA T4
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
					Notes:	

PANELBOARD DP41E

480Y/277 V, 3Φ, 4W
400 A MLO
Surface

A.I.C. Rating:
LOCATION: ELECTRICAL ROOM E106

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	150 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'PP21E' VIA KT5
2	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'LP41E'
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
					Notes:	

SPP21E

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELECTRICAL ROOM E106

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 150 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

LP41E

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELECTRICAL ROOM E106

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

PP21E

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELECTRICAL ROOM E106

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 250 A
MCB RATING: 225 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

PANEL SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

EP606

PANELBOARD SDP42D

480Y/277 V, 3Φ, 4W
400 A MLO
Surface

A.I.C. Rating:
LOCATION: ELEC D206

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SPP22D' VIA T4
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Notes:

PANELBOARD DP42D

480Y/277 V, 3Φ, 4W
400 A MLO
Surface

A.I.C. Rating:
LOCATION: ELEC D206

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	150 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'PP22D' VIA KT5
2	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'LP42D'
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Notes:

ELP42D

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION:

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

SPP22D

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC D206

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 150 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

LP42D

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC D206

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

PP22D

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC D206

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 250 A
MCB RATING: 225 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

PANEL SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER: 2206
DATE: 03/29/24
SCALE:
DRAWN BY: MAI / SD
REVISIONS:

DD SET

EP607

PANELBOARD SDP42E

480Y/277 V, 3Φ, 4W
225 A MLO
Surface

A.I.C. Rating:
LOCATION: ELEC E206

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	80 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'SPP22E' VIA T4
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
					Notes:	

PANELBOARD DP42E

400 A MLO
Surface

A.I.C. Rating:
LOCATION: ELEC E206

CKT	AMPS	POLES	HP	LOAD (kVA)	FEEDER	EQUIPMENT
1	150 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'PP22E' VIA KT5
2	100 A	3		0.0	REFER TO ONE-LINE DIAGRAM	PANEL 'LP42E'
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
					Notes:	

SPP22E

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC E206

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 150 A
MCB RATING: 150 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

LP42E

VOLTAGE: 480Y/277 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC E206

A.I.C. Rating:
MAINS TYPE: MLO
MAINS RATING: 100 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

PP22E

VOLTAGE: 208Y/120 V
3 PHASES, 4 WIRES, 60 HERTZ
INCOMING FEEDER LOCATION:
PANEL MOUNTING: Surface
PANEL LOCATION: ELEC E206

A.I.C. Rating:
MAINS TYPE: MCB
MAINS RATING: 250 A
MCB RATING: 225 A

CKT	Circuit Description	C/B	POLE	A	B	C	A	B	C	POLE	C/B	Circuit Description	CKT
1	SPD	60 A	3	0 VA									2
3	--	--	--		0 VA								4
5	--	--	--			0 VA							6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
73													74
75													76
77													78
79													80
81													82
83													84

TOTAL PHASE A: 0 VA
TOTAL PHASE B: 0 VA
TOTAL PHASE C: 0 VA

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

NOTES:

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

PANEL SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

EP608

PLUMBING EQUIPMENT SCHEDULE

Level	Equipment Tag	Equipment Description	Voltage / Poles	Panel-Circuit Number	HP	Load (kVA)	Feeder Size	Non-Fused Disconnect	Fused Disconnect	VFD	Combo Motor Starter	Motor Starter	Motor Rated Switch	Two-Pole Switch	One-Pole Switch	WeatherProof Disconnect	Disconnect Frame Size	MOCP	Duct Smoke(s)	Comments
LEVEL 1	CP-	CIRC. PUMP	120 V / 1 Pole		--	0.3 kVA							X				0			
LEVEL 1	CP-	CIRC. PUMP	120 V / 1 Pole		--	0.3 kVA							X				0			
LEVEL 1	CP-1	CIRC. PUMP	120 V / 1 Pole		--	0 kVA											0			LOCATED IN CONCESSIONS BUILDING
LEVEL 1	EWH-	ELECTRIC WATER HEATER	480 V / 3 Pole	MSB- 17	--	53 kVA	SEE PANEL SCHEDULE	X								X	100	90		
LEVEL 1	EWH-	ELECTRIC WATER HEATER	480 V / 3 Pole	MSB- 18	--	53 kVA	SEE PANEL SCHEDULE	X								X	100	90		
LEVEL 1	EWH-	ELECTRIC WATER HEATER	480 V / 3 Pole	MSB- 19	--	53 kVA	SEE PANEL SCHEDULE	X								X	100	90		
LEVEL 1	EWH-4	ELECTRIC WATER HEATER	208 V / 3 Pole		--	0 kVA											30			
LEVEL 1	EWH-5	ELECTRIC WATER HEATER	480 V / 3 Pole		--	0 kVA											30			LOCATED IN CONCESSIONS BUILDING
LEVEL 2	EWH-5		208 V / 3 Pole		--	12 kVA											30			

MECHANICAL EQUIPMENT SCHEDULE I

Level	Equipment Tag	Equipment Description	Voltage / Poles	Panel-Circuit Number	HP	Load (kVA)	Feeder Size	Non-Fused Disconnect	Fused Disconnect	VFD	Combo Motor Starter	Motor Starter	Motor Rated Switch	Two-Pole Switch	One-Pole Switch	WeatherProof Disconnect	Disconnect Frame Size	DS Fuse Size	MOCP	Duct Smoke(s)	Equipment Notes
LEVEL 1	ACU-A-1	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	ACU-A-2	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	ACU-A-3	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	ACU-B-1	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	ACU-C-1	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	ACU-C-2	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	ACU-D-1-1	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	ACU-D-1-2	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	ACU-E-1-1	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	ACU-E-1-?	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 1	AD-B-1	AIR DOOR CURTAIN	480 V / 3 Pole		--	28 kVA											0	0			
LEVEL 1	AD-C-1	AIR DOOR CURTAIN	480 V / 3 Pole		--	28 kVA											0	0			
LEVEL 1	BC-A-1	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-A-2	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-A-3	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-A-4	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-A-5	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-B-1	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-B-2	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-B-3	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-B-4	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-C-1	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-D-1	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-D-2	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-D-3	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-D-8	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-E-1	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-E-2	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-E-3	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	BC-E-4	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	CUH-	CABINET UNIT HEATER	480 V / 3 Pole		--	0 kVA											30	0	--		
LEVEL 1	CUH-	CABINET UNIT HEATER	480 V / 3 Pole		--	0 kVA											30	0	--		
LEVEL 1	CUH-	CABINET UNIT HEATER	480 V / 3 Pole		--	0 kVA											30	0	--		
LEVEL 1	CUH-	CABINET UNIT HEATER	277 V / 1 Pole		--	0 kVA											30	0	--		
LEVEL 1	CUH-C-1	CABINET UNIT HEATER	480 V / 3 Pole		--	0 kVA											30	0	--		
LEVEL 1	CUH-C-2	CABINET UNIT HEATER	480 V / 3 Pole		--	0 kVA											30	0	--		
LEVEL 1	CUH-C-3	CABINET UNIT HEATER	480 V / 3 Pole		--	0 kVA											30	0	--		
LEVEL 1	CUH-C-4	CABINET UNIT HEATER	480 V / 3 Pole		--	0 kVA											30	0	--		
LEVEL 1	CUH-E-1	CABINET UNIT HEATER	480 V / 3 Pole		--	0 kVA											30	0	--		
LEVEL 1	FCU-A-1	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-2	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-3	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-4	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-5	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-6	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-7	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-8	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-9	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-10	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-11	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-12	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-13	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-14	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-15	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-17	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-18	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-19	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-20	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-21	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-22	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-23	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-24	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-25	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-26	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-27	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-28	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-29	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-30	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-31	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-32	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-33	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-34	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-35	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-36	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-37	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-38	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-39	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-A-40	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-41	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-42	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-43	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-44	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-44	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-45	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-46	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-A-46	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-1	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-2	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-B-3	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-4	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-B-5	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-B-6	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-7	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-8	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-9	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-10	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-11	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-12	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-13	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-14	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-15	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-B-16	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-B-17	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-18	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-19	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-B-21	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-22	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-23	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-B-24	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-B-25	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-B-26	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-27	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-B-28	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-C-1	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-C-2	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-C-3	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-C-4	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-C-5	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-C-6	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-C-7	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EQUIPMENT SCHEDULES I

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	MAI
REVISIONS:	

DD SET

EP609

MECHANICAL EQUIPMENT SCHEDULE II

Level	Equipment Tag	Equipment Description	Voltage / Poles	Panel-Circuit Number	HP	Load (kVA)	Feeder Size	Non-Fused Disconnect	Fused Disconnect	VFD	Combo Motor Starter	Motor Starter	Motor Rated Switch	Two-Pole Switch	One-Pole Switch	WeatherProof Disconnect	Disconnect Frame Size	DS Fuse Size	MOCP	Duct Smoke(s)	Equipment Notes
LEVEL 1	FCU-D-1-1	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-2	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-3	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-4	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-5	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-6	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-7	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-8	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-9	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-10	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-11	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-12	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-13	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-14	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-15	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-16	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-17	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-18	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-19	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-20	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-21	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-D-1-22	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-1	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-2	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-3	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-4	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-5	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-6	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-7	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-8	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-9	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-10	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-11	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-12	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-13	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-14	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-15	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-16	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-17	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-18	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-19	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-20	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-21	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-22	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-23	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FCU-E-1-24	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 1	FTR-	FINNED TUBE RADIATOR	208 V / 2 Pole		--	0 kVA								X			30	0	--		
LEVEL 1	FTR-	FINNED TUBE RADIATOR	208 V / 2 Pole		--	0 kVA								X			30	0	--		
LEVEL 1	FTR-	FINNED TUBE RADIATOR	208 V / 2 Pole		--	0 kVA								X			30	0	--		
LEVEL 1	FTR-	FINNED TUBE RADIATOR	208 V / 2 Pole		--	0 kVA								X			30	0	--		
LEVEL 1	FTR-	FINNED TUBE RADIATOR	208 V / 2 Pole		--	0 kVA								X			30	0	--		
LEVEL 1	FTR-	FINNED TUBE RADIATOR	208 V / 2 Pole		--	0 kVA								X			30	0	--		
LEVEL 1	UH-B-1	UNIT HEATER	208 V / 2 Pole		--	0 kVA											30	0	--		
LEVEL 1	UH-C-1	UNIT HEATER	208 V / 2 Pole		--	0 kVA											30	0	--		
LEVEL 1	UH-C-2	UNIT HEATER	208 V / 2 Pole		--	0 kVA											30	0	--		
LEVEL 1	UH-C-3	UNIT HEATER	208 V / 2 Pole		--	0 kVA											30	0	--		
LEVEL 1	UH-D-1	UNIT HEATER	208 V / 2 Pole		--	0 kVA											30	0	--		
LEVEL 1	UH-D-2	UNIT HEATER	208 V / 2 Pole		--	0 kVA											30	0	--		
LEVEL 2	ACC-A-1	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
LEVEL 2	ACC-A-2	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
LEVEL 2	ACC-A-3	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
LEVEL 2	ACC-B-1	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
LEVEL 2	ACC-C-1	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
LEVEL 2	ACC-C-2	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
LEVEL 2	ACCU-A-1	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
LEVEL 2	ACCU-A-2	AIR COOLED CONDENSER	480 V / 3 Pole		--	12.1 kVA			X							X	30	30	30		
LEVEL 2	ACCU-A-3	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
LEVEL 2	ACCU-A-4	AIR COOLED CONDENSER	480 V / 3 Pole		--	6.4 kVA			X							X	30	20	15		
LEVEL 2	ACCU-A-5	AIR COOLED CONDENSER	480 V / 3 Pole		--	16.6 kVA			X							X	60	40	40		
LEVEL 2	ACCU-B-1	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	60	40	40		
LEVEL 2	ACCU-B-2	AIR COOLED CONDENSER	480 V / 3 Pole		--	6.4 kVA			X							X	30	20	20		
LEVEL 2	ACCU-B-3	AIR COOLED CONDENSER	480 V / 3 Pole		--	6.4 kVA			X							X	30	20	15		
LEVEL 2	ACCU-B-4	AIR COOLED CONDENSER	480 V / 3 Pole		--	12.1 kVA			X							X	30	20	15		
LEVEL 2	ACCU-C-1	AIR COOLED CONDENSER	480 V / 3 Pole		--	6.4 kVA			X							X	30	30	30		
LEVEL 2	ACU-A-4	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 2	ACU-D-2-1	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 2	ACU-D-2-7	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 2	ACU-E-2-1	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 2	ACU-E-2-2	AIR CONDITIONING UNIT (SPLIT SYSTEM)	208 V / 2 Pole		--	0 kVA								X			0	0	--		POWERED BY OUTDOOR UNIT
LEVEL 2	AHU-A-1	AIR HANDLING UNIT	480 V / 3 Pole		--	176 kVA			X	X						X	250	250	250		
LEVEL 2	AHU-A-2	AIR HANDLING UNIT	480 V / 3 Pole		--	59 kVA			X	X						X	100	80	80		
LEVEL 2	AHU-B-1	AIR HANDLING UNIT	480 V / 3 Pole		--	210 kVA			X	X						X	300	300	300		
LEVEL 2	AHU-B-2	AIR HANDLING UNIT	480 V / 3 Pole		--	84.7 kVA			X	X						X	150	125	125		
LEVEL 2	AHU-C-1	AIR HANDLING UNIT	480 V / 3 Pole		--	75.6 kVA			X	X						X	150	110	110		
LEVEL 2	BC-D-4	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	BC-D-5	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	BC-D-6	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	BC-D-7	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	BC-E-5	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	BC-E-6	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	BC-E-7	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	BC-E-8	BRANCH CONTROLLER	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	DOAS-A-1	DEDICATED OUTDOOR AIR SYSTEM	480 V / 3 Pole		--	82.2 kVA			X	X						X	150	125	125		
LEVEL 2	DOAS-A-2	DEDICATED OUTDOOR AIR SYSTEM	480 V / 3 Pole		--	100.5 kVA			X	X						X	150	150	150		
LEVEL 2	DOAS-B-1	DEDICATED OUTDOOR AIR SYSTEM	480 V / 3 Pole		--	68.9 kVA			X	X						X	100	100	100		
LEVEL 2	DOAS-B-2	DEDICATED OUTDOOR AIR SYSTEM	480 V / 3 Pole		--	90.5 kVA			X	X						X	150	150	150		
LEVEL 2	EF-A-1	EXHAUST FAN	120 V / 1 Pole		1/2	0.5 kVA		X					X				30	0	15		
LEVEL 2	EF-B-1	EXHAUST FAN	480 V / 3 Pole		5	6.3 kVA		X								X	30	0	15		
LEVEL 2	EF-B-2	EXHAUST FAN	120 V / 1 Pole		1/2	0.5 kVA		X					X			X	30	0	15		
LEVEL 2	EF-B-5	EXHAUST FAN	120 V / 1 Pole		1/2	0.5 kVA		X					X			X	30	0	15		
LEVEL 2	FCU-C-2-1	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-C-2-2	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-C-2-3	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-1	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-2	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-3	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-4	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-5	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-7	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-8	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-9	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-10	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-11	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-12	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-13	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-14	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-15	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-16	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-17	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-18	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-19	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-20	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-21	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-22	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-23	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-D-2-24	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-1	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-2	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-3	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-4	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-5	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-6	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-7	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-8	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-9	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-10	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-11	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-12	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-13	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-14	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-15	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-16	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-17	FAN COIL UNIT	208 V / 2 Pole		--	0.5 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-18	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-19	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-20	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	FCU-E-2-21	FAN COIL UNIT	208 V / 2 Pole		--	0.1 kVA								X			30	0	15		
LEVEL 2	MAU-1	MAKE-UP AIR UNIT	480 V / 3 Pole		--	124.6 kVA											0	0			
ROOF	AHU-C-1	AIR HANDLING UNIT	480 V / 3 Pole		--	75.6 kVA			X	X						X	150	110	110		

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EQUIPMENT SCHEDULES II

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	MAI
REVISIONS:	

DD SET

EP610

MECHANICAL EQUIPMENT SCHEDULE III

Level	Equipment Tag	Equipment Description	Voltage / Poles	Panel-Circuit Number	HP	Load (kVA)	Feeder Size	Non-Fused Disconnect	Fused Disconnect	VFD	Combo Motor Starter	Motor Starter	Motor Rated Switch	Two-Pole Switch	One-Pole Switch	WeatherProof Disconnect	Disconnect Frame Size	DS Fuse Size	MOCP	Duct Smoke(s)	Equipment Notes
ROOF	ACC-A-4	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
ROOF	ACC-D-1-1	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
ROOF	ACC-D-1-2	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
ROOF	ACC-D-2-1	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
ROOF	ACC-D-2-2	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
ROOF	ACC-E-1-1	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
ROOF	ACC-E-2-1	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
ROOF	ACC-E-2-2	AIR COOLED CONDENSER (SPLIT SYSTEM)	208 V / 2 Pole		--	3.2 kVA										X	30	30	26		
ROOF	ACCU-D-1	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
ROOF	ACCU-D-2	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
ROOF	ACCU-D-3	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
ROOF	ACCU-D-4	AIR COOLED CONDENSER	480 V / 3 Pole		--	12.1 kVA			X							X	30	20	20		
ROOF	ACCU-D-5	AIR COOLED CONDENSER	480 V / 3 Pole		--	12.1 kVA			X							X	30	30	30		
ROOF	ACCU-D-6	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
ROOF	ACCU-D-7	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
ROOF	ACCU-D-8	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
ROOF	ACCU-E-1	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
ROOF	ACCU-E-2	AIR COOLED CONDENSER	480 V / 3 Pole		--	12.1 kVA			X							X	30	20	20		
ROOF	ACCU-E-3	AIR COOLED CONDENSER	480 V / 3 Pole		--	16.6 kVA			X							X	30	30	30		
ROOF	ACCU-E-4	AIR COOLED CONDENSER	480 V / 3 Pole		--	16.6 kVA			X							X	30	30	30		
ROOF	ACCU-E-5	AIR COOLED CONDENSER	480 V / 3 Pole		--	6.4 kVA			X							X	30	20	15		
ROOF	ACCU-E-6	AIR COOLED CONDENSER	480 V / 3 Pole		--	12.1 kVA			X							X	30	30	30		
ROOF	ACCU-E-7	AIR COOLED CONDENSER	480 V / 3 Pole		--	12.1 kVA			X							X	30	30	30		
ROOF	ACCU-E-8	AIR COOLED CONDENSER	480 V / 3 Pole		--	8.9 kVA			X							X	30	20	20		
ROOF	AHU-C-2	AIR HANDLING UNIT	480 V / 3 Pole		--	172 kVA			X	X						X	300	250	250		
ROOF	AHU-D-1	AIR HANDLING UNIT	480 V / 3 Pole		--	82 kVA			X	X						X	150	110	110		
ROOF	AHU-D-2	AIR HANDLING UNIT	480 V / 3 Pole		--	122 kVA			X	X						X	200	175	175		
ROOF	DOAS-D-1	DEDICATED OUTDOOR AIR SYSTEM	480 V / 3 Pole		--	181 kVA			X	X						X	250	225	225		
ROOF	DOAS-D-2	DEDICATED OUTDOOR AIR SYSTEM	480 V / 3 Pole		--	181 kVA			X	X						X	250	225	225		
ROOF	DOAS-E-1	DEDICATED OUTDOOR AIR SYSTEM	480 V / 3 Pole		--	142.8 kVA			X	X						X	200	200	200		
ROOF	DOAS-E-2	DEDICATED OUTDOOR AIR SYSTEM	480 V / 3 Pole		--	142.8 kVA			X	X						X	200	200	200		
ROOF	EF-D-1	EXHAUST FAN	480 V / 3 Pole		2	2.8 kVA		X								X	30	0	15		
ROOF	EF-D-3	EXHAUST FAN	120 V / 1 Pole		1/4	0.5 kVA							X			X	30	0	15		
ROOF	EF-E-1	EXHAUST FAN	120 V / 1 Pole		1/4	0.5 kVA							X			X	30	0	15		
ROOF	EF-E-2	EXHAUST FAN	120 V / 1 Pole		1/2	0.5 kVA							X			X	30	0	15		
ROOF	EF-E-3	EXHAUST FAN	120 V / 1 Pole		1/2	0.5 kVA							X			X	30	0	15		
ROOF	EF-E-4	EXHAUST FAN	120 V / 1 Pole		1/2	0.5 kVA							X			X	30	0	15		
ROOF	MAU-2	MAKE-UP AIR UNIT	480 V / 3 Pole		--	124.8 kVA											0	0			

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

EQUIPMENT SCHEDULES III

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

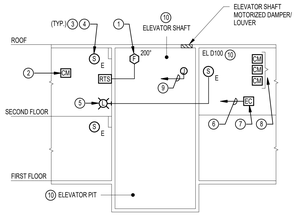
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	MAI
REVISIONS:	

DD SET

EP611

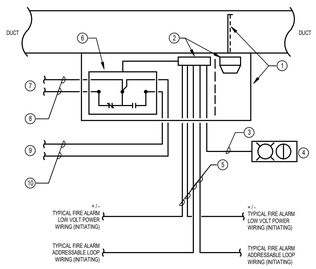
NOTES:

1. HEAT DETECTOR LOCATED AT THE TOP OF THE ELEVATOR SHAFT.
2. FIRE ALARM CONTROL MODULE, RELAY AND WIRING PROVIDED FOR SENDING FIRE ALARM SYSTEM CONTROL SIGNAL TO OPEN ELEVATOR SHAFT LOUVER DURING A FIRE EVENT. REFER TO MECHANICAL PLANS FOR EXACT LOCATION AND CONTROL CIRCUIT INTEGRATION POINT. THE CONTROL MODULE SHALL BE LOCATED ABOVE CLOSEST ACCESSIBLE CEILING TO THE LOUVER CONTROL CIRCUIT INTEGRATION POINT. THE CONTROL WIRING FROM THE CONTROL MODULE TO THE LOUVER OPERATOR SHALL BE PERFORMED BY THE CONTRACTOR RESPONSIBLE FOR DIVISION 23 SCOPE. THE CONTROL MODULE SHALL BE PROGRAMMED TO RECEIVE A SIGNAL UPON ACTIVATION OF ANY FIRE ALARM DETECTION DEVICE WITHIN THE RESPECTIVE BUILDING.
3. SMOKE DETECTOR LOCATED WITHIN 21 FEET OF THE CENTERLINE OF EACH ELEVATOR DOOR (FOR LOBBY CEILINGS 15'-0" AFF OR LESS); REFER TO FLOOR PLAN FOR PROPOSED LOCATION AND QUANTITY OF DETECTORS IN RESPECTIVE ELEVATOR LOBBY.
4. "E" ON DETECTORS DENOTES THAT THE RESPECTIVE FIRE ALARM SYSTEM DETECTOR (UPON ACTIVATION) SHALL BE PROGRAMMED TO INITIATE THE REQUIRED ELEVATOR RECALL SEQUENCE.
5. REMOTE INDICATOR LIGHT(S) LOCATED OUTSIDE AND ABOVE THE RESPECTIVE ELEVATOR MACHINE ROOM DOOR. THE INDICATOR LIGHT SHALL BE ACTIVATED WHEN THE ASSOCIATED DETECTOR WITHIN THE ELEVATOR MACHINE ROOM ENTERS AN ALARM CONDITION.
6. POWER FEEDER TO ELEVATOR CONTROLLER (REFER TO POWER PLANS AND POWER ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
7. ELEVATOR CONTROLLER; FURNISHED AND INSTALLED BY THE CONTRACTOR RESPONSIBLE FOR DIVISION 14 SCOPE.
8. PROVIDE THREE FIRE ALARM CONTROL MODULES, RELAYS AND WIRING FOR SENDING FIRE ALARM SYSTEM CONTROL SIGNAL TO THE ELEVATOR CONTROLLER; ONE TO ACTIVATE THE ELEVATOR RECALL SEQUENCE (PRIMARY LEVEL), THE SECOND TO ACTIVATE THE ELEVATOR RECALL SEQUENCE (ALTERNATE LEVEL), AND THE THIRD TO ACTIVATE THE ELEVATOR CAB WARNING SEQUENCE (PREMANYS HAT). THE CONTROL WIRING FROM EACH MODULE TO THE ELEVATOR CONTROLLER SHALL BE PERFORMED BY THE CONTRACTOR RESPONSIBLE FOR DIVISION 14 SCOPE.
9. POWER FEEDER TO ELEVATOR SHAFT LOUVER OPERATOR (REFER TO PLAN FOR SOURCE AND FEEDER SIZE).
10. REFER TO POWER PLANS FOR REQUIRED ELEVATOR EQUIPMENT POWER AND MAINTENANCE POWER PROVISIONS.



FIRE ALARM CONTROL DIAGRAM FOR ELEVATOR WITHOUT SHAFT/MACHINE ROOM FIRE PROTECTION SPRINKLERS

E1 SCALE: NTS



TAG	DESCRIPTION	FURNISHED BY DIVISION:	INSTALLED BY DIVISION:	WIRED BY DIVISION:
1	AIR SAMPLING TUBE INSTALLED INTO THE DUCTWORK AND CONNECTED TO THE RESPECTIVE DUCT TYPE SMOKE DETECTOR HOUSING MOUNTED ON THE DUCTWORK.	26	23	N/A
2	PHOTOELECTRIC TYPE ADDRESSABLE SMOKE DETECTOR WITH LOW VOLT TERM., ALARM CONTACTS AND AUXILIARY CONTACTS FOR REMOTE INDICATOR AND TEST STATION (RTS)	26	26	26
3	SIGNAL WIRING FROM AUXILIARY CONTACTS ON DUCT TYPE SMOKE DETECTOR TO RESPECTIVE (RTS)	26	26	26
4	DUCT TYPE SMOKE DETECTOR (RTS)	26	26	26
5	ADDRESSABLE FIRE ALARM SYSTEM INITIATION LOOP AND LOW VOLT POWER WIRING	26	26	26
6	DETECTOR RELAY (UNIT WITH ONE (NC) AND ONE (NO) FORM "C" CONTACT. FOR HVAC CONTROL WIRING. IF UNIT IS NOT INTEGRAL AND LOCATED WITHIN THE HOUSING THEN INSTALL IN JUNCTION BOX WITH LABEL	26	26	N/A
7	CONTROL SIGNAL WIRING FROM RESPECTIVE DETECTOR RELAY UNIT TO RESPECTIVE STARTER OR VFD FOR FAN SHUT DOWN	23	23	23
8	EXTEND AND TERMINATE THE CONTROL SIGNAL CIRCUIT TO THE APPROPRIATE TERMINALS (SHUT DOWN) OF THE RESPECTIVE STARTER OR VFD UNIT AS IDENTIFIED IN THE CONTROL SCOPE	23	23	23
9	CONTROL SIGNAL WIRING FROM RESPECTIVE DETECTOR RELAY BASE TO RESPECTIVE STARTER OR VFD UNIT FOR BMS OVERRIDE	23	23	23
10	EXTEND AND TERMINATE THE CONTROL SIGNAL CIRCUIT TO THE APPROPRIATE TERMINALS (OVERRIDE) OF THE RESPECTIVE STARTER OR VFD UNIT AS IDENTIFIED IN THE CONTROL SCOPE	23	23	23

SEQUENCE OF OPERATION AND COORDINATION NOTES:

A. WHEN PRESENCE OF SMOKE IN THE DUCT IS SENSED BY THE DUCT SMOKE DETECTOR, A [SUPERVISORY] [ALARM] SIGNAL SHALL BE SENT TO THE FIRE ALARM CONTROL PANEL (FACP).

B. [INCLUDE PARAGRAPH NO.2 BELOW DEPENDING ON BMS PRESENCE AND SCOPE. IF DELETING PARAGRAPH BELOW BE SURE TO RENUMBER THE NOTES AND REMOVE TAG ITEMS AND INFORMATION FOR NO. 6 AND 10 IN DIGITAL ABOVE]

C. CONTROL WIRING SHALL BE PROVIDED FROM APPROPRIATE CONTACT IN THE ADDRESSABLE CONTROL MODULE TO OVERRIDE THE BUILDING MANAGEMENT SYSTEM (BMS) SYSTEM CONTROL OF THE RESPECTIVE HVAC EQUIPMENT.

D. UPON ALARM ACTIVATION OF DUCT TYPE SMOKE DETECTOR, (OTHER THAN FOR FIRE DRILLS OR TESTING) THE N.C. CONTACT IN THE DETECTOR RELAY UNIT SHALL OPEN AND SHUT DOWN THE RESPECTIVE FAN.

E. HVAC EQUIPMENT 2,000 CFM AND OVER, PROVIDE DUCT SMOKE DETECTOR SYSTEM IN DUCT WORK ON SUPPLY SIDE OF RESPECTIVE UNIT AT LOCATION IDENTIFIED ON MECHANICAL PLANS.

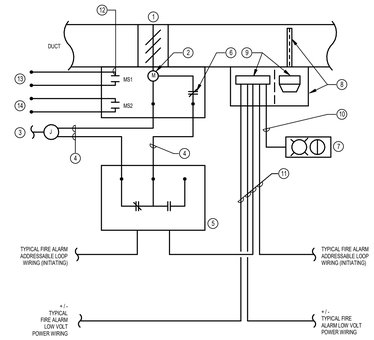
F. HVAC EQUIPMENT 15,000 CFM AND OVER; PROVIDE DUCT SMOKE DETECTOR SYSTEM IN DUCT WORK ON RETURN SIDE OF RESPECTIVE UNIT AT LOCATION IDENTIFIED ON MECHANICAL PLANS.

G. REFER TO FLOOR PLANS FOR PROPOSED QUANTITY AND LOCATION OF DUCT TYPE SMOKE DETECTORS.

H. THE ELECTRICAL AND MECHANICAL CONTRACTORS SHALL COORDINATE AND CONFIRM, IN THE FIELD, THE EXACT QUANTITY , LOCATION AND WIRING CONNECTION POINTS FOR EACH DUCT TYPE SMOKE DETECTORS REQUIRED FOR THE PROJECT.

DUCT TYPE SMOKE DETECTOR INSTALLATION & CONTROL INTERFACE WIRING DIAGRAM

D3 SCALE: NTS



TAG	DESCRIPTION	FURNISHED BY DIVISION	INSTALLED BY DIVISION	WIRED BY DIVISION
1	COMBINATION FIRE & SMOKE DAMPER/ACTUATOR UNIT (FSD)	23	23	23
2	INTEGRAL ELECTRIC DAMPER ACTUATOR (120 VOLT)	23	23	23
3	120V CONTROL POWER WIRING TO DAMPER ELECTRIC ACTUATOR. CONFIRM THE NUMBER OF ACTUATORS WIRED TOGETHER DO NOT EXCEED THE CAPACITY OF THE AVAILABLE CIRCUIT. EXTEND AND TERMINATE THE CONTROL POWER CIRCUIT HOMERUN TO THE RESPECTIVE POWER OR CONTROL PANEL.	26	26	26
4	CONTROL POWER WIRING FROM FIRE SENSOR TO ADDRESSABLE FIRE ALARM SYSTEM CONTROL MODULE	23	23	23
5	FIRE ALARM SYSTEM ADDRESSABLE CONTROL MODULE WITH ONE (NC) AND ONE (NO) FORM "C" CONTACT. INSTALL IN JUNCTION BOX WITH LABEL.	26	26	26
6	INTEGRAL FIRE SENSOR. THE SENSOR INTERRUPTS POWER TO THE DAMPER UPON SENSING AN ELEVATED TEMPERATURE OF 165 DEGREE (F)	23	23	23
7	DUCT SMOKE DETECTOR REMOTE INDICATOR AND TEST STATION (RTS)	26	26	26
8	AIR SAMPLING TUBE INSTALLED INTO THE DUCTWORK AND CONNECTED TO THE RESPECTIVE DUCT TYPE SMOKE DETECTOR HOUSING MOUNTED ON THE DUCTWORK.	26	23	N/A
9	PHOTOELECTRIC TYPE ADDRESSABLE SMOKE DETECTOR WITH ALARM CONTACTS AND AUXILIARY CONTACTS FOR (RTS)	26	26	26
10	SIGNAL WIRING FROM AUXILIARY CONTACTS ON DUCT TYPE SMOKE DETECTOR TO RESPECTIVE REMOTE INDICATOR AND TEST STATION	26	26	26
11	ADDRESSABLE FIRE ALARM SYSTEM INITIATION LOOP AND LOW VOLT POWER WIRING	26	26	26
12	MS1 AND MS2: TWO INTEGRAL MICRO SWITCHES THAT PROVIDE DAMPER BLADE POSITION INDICATION	23	23	23
13	MS1: MICRO SWITCH IDENTIFYING THAT DAMPER BLADES ARE IN THE OPEN POSITION. WIRE A STATUS SIGNAL (BACK TO THE BMS[TO FACP VIA ADDRESSABLE MONITOR MODULE PROVIDED BY DIV. 26]	23	23	23
14	MS2: MICRO SWITCH IDENTIFYING THAT THE DAMPER BLADES ARE IN THE CLOSED POSITION. WIRE A STATUS SIGNAL (BACK TO THE BMS[TO FACP VIA ADDRESSABLE MONITOR MODULE PROVIDED BY DIV.26]	23	23	23

SEQUENCE OF OPERATION AND COORDINATION NOTES:

A. WHEN PRESENCE OF SMOKE IN THE DUCT IS SENSED BY THE DUCT SMOKE DETECTOR, A [SUPERVISORY] [ALARM] SIGNAL SHALL BE SENT TO THE FIRE ALARM CONTROL PANEL (FACP). THE FACP SHALL SIGNAL THE SELECTED ADDRESSABLE CONTROL MODULE TO DISCONNECT POWER TO THE RESPECTIVE FIRE/SMOKE DAMPER (FSD), WHICH CLOSES THE (FSD) UNIT.

B. THE (FSD) ACTUATOR IS MOUNTED IN ITS FAIL SAFE POSITION WITH THE DAMPER BLADE(S) CLOSED. UPON APPLYING POWER, THE ACTUATOR DRIVES THE DAMPER TO THE OPEN POSITION. THE INTERNAL SPRING IS TENSIONED AT THE SAME TIME. IF THE POWER SUPPLY IS INTERRUPTED OR THE INTEGRAL HEAT SENSOR IS TRIPPED, THE SPRING MOVES THE DAMPER BACK TO ITS FAIL SAFE POSITION (BLADES CLOSED). [INCLUDE PARAGRAPH NO.3 BELOW DEPENDING ON BMS PRESENCE AND SCOPE. IF DELETING THE PARAGRAPH BELOW BE SURE TO RENUMBER THE NOTES AND REMOVE TAG ITEMS AND INFORMATION FOR NO. 13 IN DIGITAL ABOVE]

C. THE POSITION SWITCH INDICATOR RELAYS CONTACTS SHALL CHANGE STATES (OPEN OR CLOSED) AS THE DAMPER BLADES CHANGE STATES (OPEN OR CLOSED). A CONFIRMATION SIGNAL OF THE BLADE POSITION WILL BE SENT TO THE BUILDING MANAGEMENT SYSTEM (BMS)

D. REFER TO FLOOR PLANS FOR PROPOSED QUANTITY AND LOCATION OF (FSD) UNITS. PROVIDE A DUCT TYPE SMOKE DETECTOR FOR EACH (FSD) UNIT.

E. THE ELECTRICAL AND MECHANICAL CONTRACTORS SHALL COORDINATE AND CONFIRM, IN THE FIELD, THE EXACT QUANTITY, LOCATION AND WIRING CONNECTION POINTS FOR EACH OF THE (FSD) UNITS AND DUCT TYPE SMOKE DETECTORS REQUIRED FOR THE PROJECT.

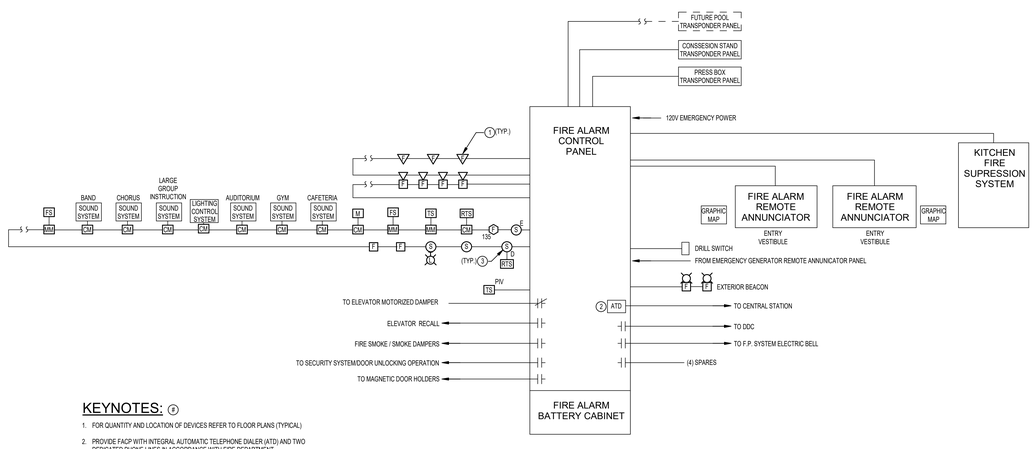
FIRE/SMOKE DAMPER (120 VOLT UNIT) INSTALLATION & CONTROL INTERFACE WIRING DIAGRAM

D7 SCALE: NTS

		CONTROL UNIT ANNUNCIATION							NOTIFICATION				REQUIRED FIRE SAFETY CONTROL								SUPPLEMENTORY							
		ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE AUDIBLE ALARM SIGNAL	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE AUDIBLE SUPERVISORY SIGNAL	ACTUATE COMMON TROUBLE SIGNAL INDICATOR	ACTUATE AUDIBLE COMMON TROUBLE SIGNAL	ACTUATE FLOOR ALARM INDICATOR	ACTUATE FLOOR EVACUATION SIGNALS	TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION	TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	RELEASE MAGNETICALLY HELD SMOKE DOORS	RECALL ELEVATORS TO PRIMARY RECALL FLOOR	CLOSE SMOKE/FIRE DAMPERS IN RATED WALLS	UNLOCK EXITS	SWITCH ALL EMERGENCY LIGHTING "ON"	SWITCH ALL EMERGENCY AUDITORIUM HOUSE LIGHTS "ON"	SWITCH ALL EMERGENCY DRAMA THEATER HOUSE LIGHTS "ON"	SWITCH LOCAL SOUND SYSTEMS "OFF"	ACTUATE EXTERIOR STROBE AT F.D. RESPONSE POINT	CONTROL SIGNAL TO AHU	SHUT DOWN POWER UNDER HOOD	DOORS UNLOCKING	RELEASE FIRE CURTAINS	ACTUATE LOCAL AUDIBLE ALARM	TRANSMIT CO SIGNAL TO SUPERVISORY STATION	
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
1	MANUAL FIRE ALARM PULL BOXES	●	●					●	●	●			●			●	●	●	●	●	●			●				1
2	SMOKE DETECTORS	●	●					●	●	●			●			●	●	●	●	●	●			●				2
3	SMOKE DETECTORS ELEVATOR LOBBY & MACHINE ROOMS	●	●					●	●	●			●	●		●					●			●				3
4	DUCT TYPE SMOKE DETECTORS	●	●					●	●	●			●				●	●	●	●	●	●		●				4
5	HEAT DETECTORS	●	●					●	●	●			●				●	●	●	●	●			●				5
6	SPRINKLER WATERFLOW SWITCHES	●	●					●	●	●			●		●	●	●	●	●	●	●			●				6
7	SPRINKLER TAMPER SWITCHES			●	●						●																	7
8	KITCHEN FIRE SUPPRESSION SYSTEMS	●	●					●	●	●			●			●	●	●	●	●	●		●					8
9	AUDITORIUM STAGE CURTAIN HEAT DETECTOR	●	●					●	●	●			●		●	●	●	●	●	●	●				●			9
10	FIRE ALARM AC POWER FAILURE			●	●						●																	10
11	FIRE ALARM SYSTEM LOW BATTERY					●	●					●																11
12	OPEN CIRCUIT					●	●					●																12
13	GROUND FAULT					●	●					●																13
14	NOTIFICATION APPLIANCE CIRCUIT SHORT					●	●					●																14
15	CARBON MONOXIDE DETECTOR			●	●																					●	●	15
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX

G2 FA I/O MATRIX
SCALE: NTS



KEYNOTES: (F)

1. FOR QUANTITY AND LOCATION OF DEVICES REFER TO FLOOR PLANS (TYPICAL)
2. PROVIDE FACP WITH INTEGRAL AUTOMATIC TELEPHONE DIALER (ATD) AND TWO DEDICATED PHONE LINES IN ACCORDANCE WITH FIRE DEPARTMENT REQUIREMENTS.
3. PROVIDE REMOTE TEST STATIONS (RTS) FOR DUCT TYPE SMOKE DETECTORS.

FIRE ALARM RISER DIAGRAM

G5 SCALE: NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

FIRE ALARM RISER DIAGRAM AND DETAILS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	MAI
REVISIONS:	

DD SET

EF601

EXTERIOR LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	MODEL	VOLTAGE	WATTAGE	LAMP TYPE	MOUNTING TYPE	DESCRIPTION
			<varies>			<varies>	<varies>
AA1	CREE LIGHTING	OSQ-M-C-16L-4M-UL-mounting-finish / OSQ-C-DA-finish	277 V	86W	LED	POLE	SINGLE ARM POLE MOUNTED FIXTURE, FINISH BY ARCHITECT. PROVIDE 5° DIA. 25' POLE IN MATCHING FINISH. 3000K COLOR TEMPERATURE.
AA2	CREE LIGHTING	OSQ-M-C-16L-4M-UL-mounting-finish / OSQ-C-DA-finish	277 V	172W	LED	POLE	DOUBLE ARM POLE MOUNTED FIXTURE, 180 DEGREE BRACKET, FINISH BY ARCHITECT. PROVIDE 5° DIA. 25' POLE IN MATCHING FINISH. 3000K COLOR TEMPERATURE.
AA3	CREE LIGHTING	OSQ-M-C-16L-3M-UL-mounting-finish / OSQ-C-DA-finish	277 V	86W	LED	POLE	SINGLE ARM POLE MOUNTED FIXTURE, FINISH BY ARCHITECT. PROVIDE 5° DIA. 25' POLE IN MATCHING FINISH. 3000K COLOR TEMPERATURE.
AA3-BC	CREE LIGHTING	OSQ-M-C-16L-3B-UL-mounting-finish / OSQ-C-DA-finish	277 V	86W	LED	POLE	SINGLE ARM POLE MOUNTED FIXTURE, FINISH BY ARCHITECT. PROVIDE 5° DIA. 25' POLE IN MATCHING FINISH. 3000K COLOR TEMPERATURE.
AA4	CREE LIGHTING	OSQ-M-C-16L-2M-UL-mounting-finish / OSQ-C-DA-finish	277 V	86W	LED	POLE	SINGLE ARM POLE MOUNTED FIXTURE, FINISH BY ARCHITECT. PROVIDE 5° DIA. 25' POLE IN MATCHING FINISH. 3000K COLOR TEMPERATURE.
AA5	CREE LIGHTING	OSQ-M-C-16L-2M-UL-mounting-finish / OSQ-C-DA-finish	277 V	172W	LED	POLE	DOUBLE ARM POLE MOUNTED FIXTURE, FINISH BY ARCHITECT. PROVIDE 5° DIA. 25' POLE IN MATCHING FINISH. 3000K COLOR TEMPERATURE.
BB1	KIM LIGHTING	UR20-24L-65-3K7-2	277 V	30W	LED	POLE	SINGLE ARM POLE MOUNTED EDGE-LIT LED LUMINAIRE, FINISH BY ARCHITECT. TAMPER PROOF LATCH, AUTO DIMMING 50% MIDGNIGHT TO 4AM. PROVIDE 4° DIA, 12' ROUND POLE IN MATCHING FINISH. 3000K COLOR TEMPERATURE. SIT ENERGY REDUCTION CONTROL SYSTEM.
BB2a	KIM LIGHTING	UR20-24L-65-3K7-2	277 V	30W	LED	POLE	20° DIA. LOW PROFILE EDGE-LIT LED POST TOP LUMINAIRE, FINISH BY ARCHITECT. TAMPER PROOF LATCH, AUTO DIMMING 50% MIDGNIGHT TO 4AM. PROVIDE 4° DIA, 12' ROUND POLE IN MATCHING FINISH. 3000K COLOR TEMPERATURE. SIT ENERGY REDUCTION CONTROL SYSTEM.
BB2b	KIM LIGHTING	UR20-24L-65-3K7-4W	277 V	30W	LED	POLE	20° DIA. LOW PROFILE EDGE-LIT LED POST TOP LUMINAIRE, FINISH BY ARCHITECT. TAMPER PROOF LATCH, AUTO DIMMING 50% MIDGNIGHT TO 4AM. PROVIDE 4° DIA, 12' ROUND POLE IN MATCHING FINISH. 3000K COLOR TEMPERATURE. SIT ENERGY REDUCTION CONTROL SYSTEM.
CC	TARGETTI USA	KPLM41-HE-FL-L2-30 / 1E2525 / 1DU2521	277 V	14W	LED	GROUND	FLAG POLE LIGHT, FINISH BY ARCHITECT.
DD	KIM LIGHTING	PA7R-NU4-12L-020-3K7	277 V	172W	LED	BOLLARD	EXTERIOR BOLLARD LED

INTERIOR LIGHTING FIXTURE SCHEDULE

TYPE	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	APPROVED EQUAL 1	APPROVED EQUAL 2	DESCRIPTION	MOUNTING TYPE	ELECTRICAL DATA				LAMPING DATA			
							VOLTAGE	WATTAGE	DRIVER	DIMMING PROTOCOL	LAMP TYPE	LUMEN OUTPUT	CCT	CRI
LP1	AXIS LIGHTING	BEAM 3 PENDANT			SUSPENDED LED LINEAR DIRECT/INDIRECT PENDANT	PENDANT	277 V	7.5W/FT	INTEGRAL	0-10V	LED	500LMS/FT DIRECT & 500LMS/FT INDIRECT	3500K	80
LP2	AXIS LIGHTING	BEAM 3 RECTANGLE			SUSPENDED LED DIRECT/INDIRECT PENDANT WITH ILLUMINATED CORNERS	PENDANT	277 V	9.6W/FT	INTEGRAL	0-10V	LED	750LMS/FT DIRECT & 500LMS/FT INDIRECT	3500K	80
LP3	ARANCIA	TORO			SUSPENDED LED DIRECT/INDIRECT RING PENDANT	PENDANT	277 V	47.5W	REMOTE	0-10V	LED	3500 LMS	3500K	90
LP4	BIRCHWOOD	MICHELLE			SUSPENDED LED DIRECT/INDIRECT ROUND PENDANT	PENDANT	277 V	62W	INTEGRAL	0-10V	LED	5152LMS/FT DIRECT & 1718LMS/FT INDIRECT	3500K	80
LP4A	BIRCHWOOD	MICHELLE			SUSPENDED LED DIRECT/INDIRECT ROUND PENDANT	PENDANT	277 V	138W	INTEGRAL	0-10V	LED	11423LMS/FT DIRECT & 3808LMS/FT INDIRECT	3500K	80
LP5	INTENSE LIGHTING	GRAVITY CYLINDER			SUSPENDED LED CYLINDER DOWNLIGHT	PENDANT	277 V	36W	INTEGRAL	0-10V	LED	3500 LMS	3500K	80
LP5A	INTENSE LIGHTING	GRAVITY CYLINDER			SUSPENDED LED CYLINDER DOWNLIGHT	PENDANT	277 V	30W	INTEGRAL	DMX512	LED	3000 LMS	3500K	82
LP6	CREE LIGHTING	KBL			SUSPENDED LED HIGH-BAY LIGHT WITH PRISMATIC REFLECTOR AND CONICAL LENS	PENDANT	277 V	171W	INTEGRAL	0-10V	LED	29700 LMS	3500K	80
LP7	CORONET	OVALO			SUSPENDED LED DECORATIVE DOWNLIGHT	PENDANT	277 V	12W	REMOTE	0-10V	LED	846 LMS	3500K	80
LP8	INSIGHT LIGHTING	MEDLEY INTERIOR			SUSPENDED LED GRAZER DOWNLIGHT	PENDANT	277 V	9W/FT	REMOTE	DMX512	LED	844 LMS/FT	3500K	80
LP9	LUXXBOX	ILLI			SUSPENDED LED DECORATIVE ACOUSTIC LIGHT	PENDANT	277 V	25W	REMOTE	0-10V	LED	2066 LMS	3500K	90+
LP10	SCOTT ARCHITECTURAL	S2650			SUSPENDED DECORATIVE GLOBE LIGHT	PENDANT	277 V	20W	REMOTE	0-10V	LED	2560 LMS	3500K	80
LP11	BETA CALCO	MICRO FLARE			SUSPENDED LED DIRECT/INDIRECT LIGHT	PENDANT	277 V	10W/FT	REMOTE	0-10V	LED	400LMS/FT DIRECT & 600LMS/FT INDIRECT	3500K	90+
LP12	AXIS LIGHTING	SCULPT INDIRECT			SUSPENDED LED INDIRECT LIGHT	PENDANT	277 V	4.2W/FT	INTEGRAL	0-10V	LED	500 LMS/FT	3500K	80
LR1	LIGHTHEADED	LEGACY DOWNLIGHT			RECESSED LED DOWNLIGHT WITH DECORATIVE TRIM	RECESSED	277 V	10W	INTEGRAL	0-10V	LED	2000 LMS	3500K	80
LR2	COLUMBIA LIGHTING	LJT22			RECESSED LED 2x2 TROFFER	RECESSED	277 V	31W	INTEGRAL	0-10V	LED	3365 LMS	3500K	80
LR3	INTENSE LIGHTING	SD4DR			RECESSED LED DOWNLIGHT	RECESSED	277 V	14W	INTEGRAL	0-10V	LED	1500 LMS	3500K	80
LR3B	INTENSE LIGHTING	SD4DR			RECESSED LED DOWNLIGHT, WET LOCATION	RECESSED	277 V	14W	INTEGRAL	0-10V	LED	1500 LMS	3500K	80
LR3C	INTENSE LIGHTING	SD4WR			RECESSED LED WALL WASHER	RECESSED	277 V	23W	INTEGRAL	0-10V	LED	2100 LMS	3500K	80
LR3D	INTENSE LIGHTING	SD4DR			RECESSED LED DOWNLIGHT WITH DMX PROTOCOL	RECESSED	277 V	14W	INTEGRAL	DMX512	LED	1500 LMS	3500K	80
LR4	AXIS LIGHTING	BEAM 3 PERIMETER			RECESSED LED PERIMETER LINEAR	RECESSED	277 V	5.5W/FT	INTEGRAL	0-10V	LED	700 LMS/FT	3500K	80
LR4A	AXIS LIGHTING	BEAM 3 PERIMETER			RECESSED LED PERIMETER LINEAR WITH ILLUMINATED CORNERS	RECESSED	277 V	5.5W/FT	INTEGRAL	0-10V	LED	700 LMS/FT	3500K	80
LR4B	AXIS LIGHTING	BEAM 3 PERIMETER			RECESSED LED PERIMETER LINEAR	RECESSED	277 V	3.9W/FT	INTEGRAL	0-10V	LED	500 LMS/FT	3500K	80
LR4C	AXIS LIGHTING	BEAM 3 PERIMETER			RECESSED LED PERIMETER LINEAR	RECESSED	277 V	3.2W/FT	INTEGRAL	0-10V	LED	400 LMS/FT	3500K	80
LR5	AXIS LIGHTING	BEAM RECESSED			RECESSED LED LINEAR	RECESSED	277 V	5.5W/FT	INTEGRAL	0-10V	LED	700 LMS/FT	3500K	80
LR6	LUCIFER LIGHTING	STEALTH			WALL RECESSED LED STEPLIGHT	RECESSED	277 V	2.0W/FT	INTEGRAL	DMX512	LED	89 LMS	3500K	80
LR7	AXIS LIGHTING	DIA 1x4			RECESSED LED 1x4 TROFFER	RECESSED	277 V	41.7W	INTEGRAL	0-10V	LED	4000 LMS	3500K	80
LR8	AXIS LIGHTING	BEAM RECESSED			RECESSED LED LINEAR	RECESSED	277 V	3.9W/FT	INTEGRAL	0-10V	LED	500 LMS/FT	3500K	80
LR8A	AXIS LIGHTING	BEAM RECESSED			RECESSED LED LINEAR, L SHAPED CORNERS	RECESSED	277 V	3.9W/FT	INTEGRAL	0-10V	LED	500 LMS/FT	3500K	80
LR9	AXIS LIGHTING	BEAM RECESSED			RECESSED LED LINEAR WALL WASHER	RECESSED	277 V	6.6W/FT	INTEGRAL	0-10V	LED	700 LMS/FT	3500K	80
LS1	AXIS LIGHTING	PRIME LED			SURFACE MOUNTED LED STRIP LIGHT	SURFACE	277 V	46.2W	INTEGRAL	0-10V	LED	6000 LMS	3500K	80
LS2	INSIGHT LIGHTING	PROSPOT 3			SURFACE MOUNTED LED FLOODLIGHT	SURFACE	277 V	20W	INTEGRAL	0-10V	LED	1212 LMS	3500K	80
LS3	INSIGHT LIGHTING	PROSPOT 3			SURFACE MOUNTED LED DUAL FLOODLIGHT	SURFACE	277 V	40W	INTEGRAL	0-10V	LED	2600 LMS	3500K	80
LS4	ACOLYTE	CHAS2 + TAPE			SURFACE MOUNTED LED TAPELIGHT	SURFACE	277 V	4.4W.FT	INTEGRAL	0-10V	LED	406 LMS/FT	3500K	90+
LT1	LUMENTURE	K-BEAM TWO CIRCUIT			SUSPENDED 2-CIRCUIT TRACK	TRACK	0 V							
LT2	LUMENTURE	T80			TRACK MOUNTED LED ACCENT LIGHT	TRACK	120 V	4.5W	INTEGRAL	ELV	LED	1300 LMS	3500K	90
LW1	BEGA	WALL SCONCE			WALL MOUNTED LED SCONCE DOWNLIGHT	WALL	277 V	17W	INTEGRAL	0-10V	LED	1355 LMS	3500K	80
X1	EVENLITE	SOVII-AC-R-xx-WH-xx-xx			EDGE-LIT LED EXIT SIGN. NUMBER OF FACES AND ARROWS AS SHOWN ON FLOOR PLANS, MIRROR BACKGROUND FOR SINGLE FACE AND DOUBLE FACE. RED LETTERING.	UNIVERSAL	277 V	3W			LED			
XHC	EVENLITE	TRE-AC-R-xx-W/SC			ALUMINUM FACE AND HOUSING EXIT SIGN WITH HANDICAP ACCESSIBLE SYMBOL. NUMBER OF FACES AND ARROWS AS SHOWN ON FLOOR PLANS, MIRROR BACKGROUND FOR SINGLE FACE AND DOUBLE FACE, RED LETTERING.	UNIVERSAL	277 V	3W			LED			

LIGHTING CONTROL SENSOR SCHEDULE - WALL (SWITCH)

ID	TYPE			TECH.		WIRING RATING			ENVIRONMENT		SWITCH FEATURES			
	OS	VS	PC	PIR	ULT	LINE VOLTAGE	LOW VOLTAGE	WIRELESS	STANDARD INTERIOR	EXTERIOR (WP)	1 CKT / 1 BUTTON (1)	1 CKT / NO BUTTON (2)	2 CKT / 2 BUTTON (1)	2 CKT / NO BUTTON (2)
A	●			●	●				●		●			
B		●		●	●				●		●			
C			●						●					

LEGEND:

PIR - PASSIVE INFRARED DETECTION TECHNOLOGY
ULT - ULTRASONIC DETECTION TECHNOLOGY
PC - PHOTOCELL
OS - OCCUPANCY SENSOR, AUTO ON/AUTO OFF
VS - VACANCY SENSOR, MANUAL ON/AUTO OFF

KEYNOTES:

1. MANUAL/AUTO CONTROL
2. AUTO CONTROL

LIGHTING CONTROL SENSOR SCHEDULE - CEILING

ID	TYPE			TECH.		WIRING RATING		COVERAGE				ENVIRONMENT		FEATURES	
	OS	VS	PC	PIR	ULT	LINE VOLTAGE	LOW VOLTAGE	WIRELESS	STANDARD	HIGH BAY	LONG & NARROW	STANDARD INTERIOR	EXTERIOR (WP)	AUX. DRY CONTACT	CORNER MOUNT
A	●			●	●			●	●			●		●	
B		●		●	●			●	●			●			
C			●					●	●			●			
D	●			●	●					●		●		●	

LEGEND:

PIR - PASSIVE INFRARED DETECTION TECHNOLOGY
ULT - ULTRASONIC DETECTION TECHNOLOGY
PC - PHOTOCELL
OS - OCCUPANCY SENSOR, AUTO ON/AUTO OFF
VS - VACANCY SENSOR, MANUAL ON/AUTO OFF

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

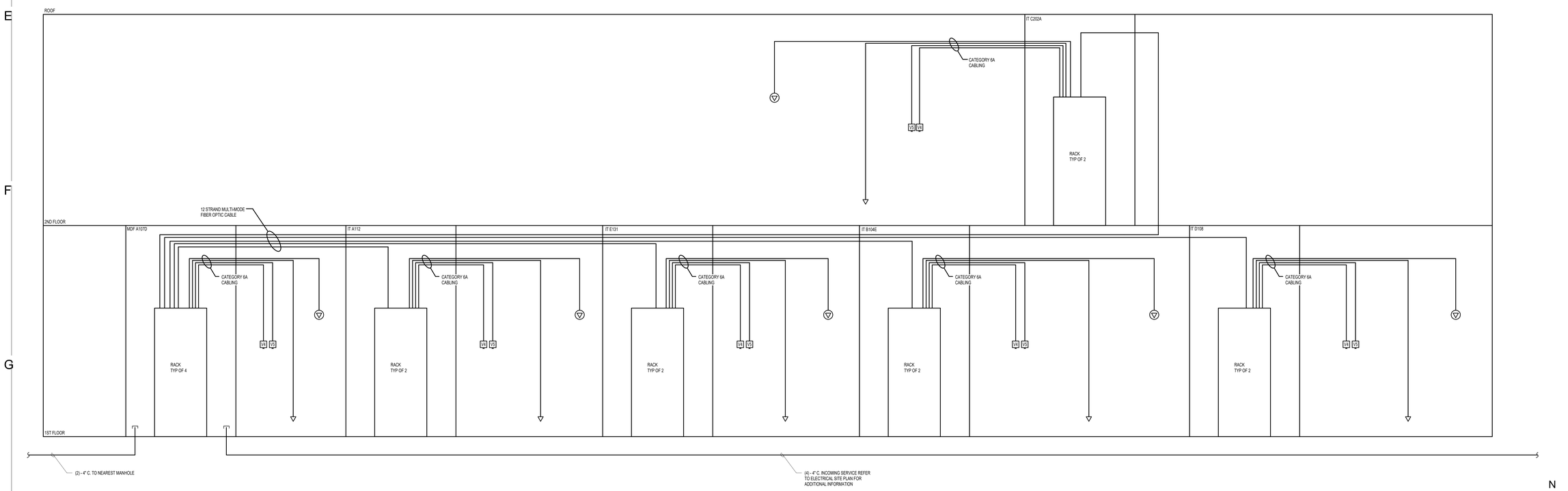
LIGHTING SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	NTS
DRAWN BY:	MAI / SD
REVISIONS:	

DD SET

EL601



G1 TELECOMMUNICATIONS RISER DIAGRAM
SCALE: N.T.S.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

TELECOMMUNICATIONS RISER DIAGRAM

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	N.T.S.
DRAWN BY:	JDZ / PLW
REVISIONS:	

DD SET

ET601

TECHNOLOGY:

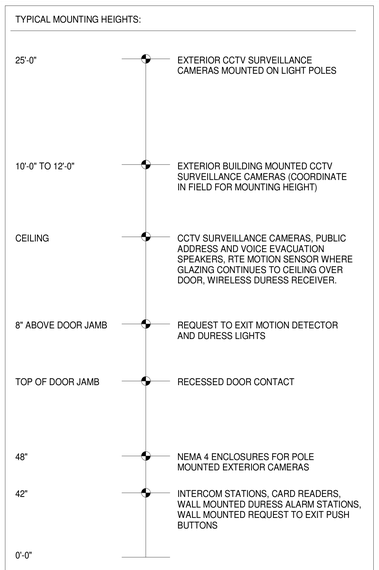
BADGE CAMERA	T:	B - BADGING
BUTTON	T:	D - DURESS L - LOCKDOWN R - RELEASE
CARD READER	T:	C - CONTACTLESS
CPU TOWER	T:	M - MULTIPLE SYSTEMS
DOOR CONTACT	T:	B - BALANCED MAG I - INDUSTRIAL
ELECTRIC LOCK	T:	MO - MORTISE MORX - MORTISE WITH REQUEST TO EXIT S - STRIKE
EXIT DEVICE	T:	ERX - ELECTRIFIED WITH REQUEST TO EXIT
FIXED CAMERA	T:	D - DOME FE - FISHEYE
HINGE	T:	EH - ELECTRIFIED HINGE
INTERCOM	T:	MV - MASTER VIDEO STATION VD - VIDEO DOOR STATION
KEYPAD	T:	I - INTRUSION
MONITOR	T:	M - MULTIPLE SYSTEMS
MULTI LENS CAMERA	T:	360 - 360 DEGREES
PRINTER	T:	B - BADGING
SENSOR	T:	GD - GUNSHOT DETECTION M - MOTION

GENERAL NOTES:

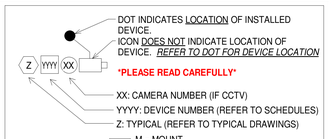
1. PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS FOR ALL WORK INDICATED AS NECESSARY TO PROVIDE A COMPLETE AND USABLE SYSTEM. ALL ITEMS SHOWN AND SPECIFIED ARE TO BE NEW AND SHALL BE PROVIDED BY THE SECURITY SUBCONTRACTOR UNLESS SPECIFICALLY STATED OTHERWISE.
2. IN CASES WHERE THE TERM 'PROVIDE' IS USED THROUGHOUT THE CONTRACT DOCUMENTATION, IT SHALL MEAN FURNISH, INSTALL AND SERVICE.
3. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING REQUIREMENTS: NATIONAL ELECTRICAL CODE (NEC) (NFPA 70), THE NATIONAL LIFE SAFETY CODE (NFPA101), THE APPLICABLE STATE BUILDING CODE AND ALL STATE AND LOCAL ORDINANCES THAT MAY SUPPLEMENT OR SUPERCEDE NATIONAL CODES.
4. THE SECURITY SUBCONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONAL AND PERMITTING FEES AS REQUIRED BY LAW.
5. THE SECURITY SUBCONTRACTOR SHALL VISIT THE SITE AND REVIEW ALL DRAWINGS AND SPECIFICATIONS TO ESTABLISH EXISTING SITE CONDITIONS AND COORDINATE REQUIREMENTS AND POINTS OF INTERFERENCE WITH OTHER TRADES AND WORK AS NECESSARY. NO SUBSEQUENT COST CLAIMS SHALL BE ALLOWED FOR DIFFERING SITE CONDITIONS NOR FOR INCREASED COST DUE TO COORDINATION REQUIREMENTS WITH OTHER TRADES.
6. THE SECURITY SUB CONTRACTOR SHALL COORDINATE ALL WORK WITH ALL TRADES PRIOR TO ROUGH-IN.
7. THE SECURITY SUBCONTRACTOR SHALL VERIFY ALL EQUIPMENT CHARACTERISTICS AND MOUNTING REQUIREMENTS PRIOR TO DEVICE AND CABLE ROUGH IN.
8. THE SECURITY SUBCONTRACTOR SHALL COORDINATE ALL REQUEST TO EXIT AND CCTV CAMERA TRIM AND ACCESSORIES WITH THE WALL/CEILING PROVIDED. PROVIDE ALL FITTINGS, TRIM, ETC FOR A COMPLETE INSTALLATION AT EACH CONTROL POINT.
9. THE SECURITY SUBCONTRACTOR SHALL PROVIDE A WRITTEN WARRANTY STATING THAT ALL MATERIALS AND WORKMANSHIP ARE FREE FROM DEFECTS FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER. IN ADDITION, DELIVER TO THE OWNER ALL WARRANTY AGREEMENTS FROM THE EQUIPMENT MANUFACTURERS.
10. WHERE APPLICABLE, COORDINATE PLACEMENT OF DURESS SWITCHES WITH OWNER'S REPRESENTATIVE. THE DEVICE SHOULD BE PLACED IN AN INCONSPICUOUS LOCATION WITHIN REACH OF PERSONNEL INTENDED TO UTILIZE THE DEVICE, UNOBSTRUCTED BY FURNITURE OR OTHER EQUIPMENT.
11. POWER SUPPLIES FOR ALL SECURITY DEVICES SHALL BE BACKED UP FROM UNINTERRUPTIBLE POWER SUPPLIES (UPS). THIS MAY BE ACCOMPLISHED BY MEANS OF INDIVIDUAL UPS UNITS SEGMENTED BY GROUPED SECURITY EQUIPMENT, UPS BACKUP ON PRIMARY 120/208/240VAC BRANCH CIRCUITS SUPPLYING SECURITY EQUIPMENT OR GENERATOR BACKED PRIMARY 120/208/240VAC BRANCH CIRCUITS SUPPLYING SECURITY EQUIPMENT AS LONG AS POWER SUPPLIES FED FROM SAID BRANCH CIRCUITS HAVE SUFFICIENT ON BOARD BATTERY SUPPORT TO MAINTAIN SYSTEM OPERATION DURING GENERATOR FAIL OVER TIME. IN NO CASE SHALL UPS RUNTIME BE LESS THAN ONE HOUR; THIS TIME MAY BE SUPERCEDED BY ADDITIONAL REQUIREMENTS WITHIN THE SPECIFICATION.
12. WHERE BACKUP POWER IS ACCOMPLISHED BY MEANS OF INDIVIDUAL UPS UNITS SEGMENTED BY GROUPED SECURITY EQUIPMENT, THE SECURITY SUBCONTRACTOR SHALL PROVIDE THE UPS.
13. BRANCH CIRCUITS SUPPLYING POWER TO SECURITY DEVICES SHALL BE DEDICATED TO AND ONLY POWER SECURITY RELATED DEVICES. NO NON-SECURITY RELATED EQUIPMENT SHALL BE POWERED BY BRANCH CIRCUITS SUPPLYING POWER TO SECURITY DEVICES UNLESS THE ELECTRICAL CONTRACTOR IS GRANTED PERMISSION BY THE SECURITY SYSTEM DESIGN ENGINEER.
14. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER, CONDUITS, BACK BOXES AND RACEWAYS, WHETHER SHOWN ON THE PLANS OR NOT, REQUIRED FOR THE SECURITY SYSTEM.
15. ALL PENETRATIONS OF FIRE RATED FLOOR SLABS, FIRE RATED WALLS AND FIRE RATED ENCLOSURES SHALL BE SLEEVED IN APPROPRIATELY SIZED RIGID STEEL CONDUIT AND FIRESTOPPED IN ACCORDANCE WITH THE ELECTRICAL SPECIFICATION, THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE FIRE CODES. SLEEVING AND FIRESTOPPING SHALL BE PROVIDED BY THE INDIVIDUAL PENETRATING SAID SLAB OR WALL. FIRESTOPPING SYSTEMS SHALL BE HILTI BRAND AND INSTALLED AS APPROPRIATE FOR THE PENETRATION AND IN ACCORDANCE WITH THIS SECTION AND THE HILTI INSTALLATION INSTRUCTIONS.
16. ALL OTHER PENETRATIONS NOT ADDRESSED ABOVE AND DISRUPTIONS TO SURFACES SHALL BE PATCHED AND PAINTED TO MATCH EXISTING PLASTER, WALLPAPER OR OTHER FINISHED SURFACES.
17. ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH THE ROOFING CONTRACTOR PRIOR TO THE FINAL WATERPROOFING OF THE ROOFING MATERIALS AND IT SHALL BE THE RESPONSIBILITY OF THE ROOFING CONTRACTOR TO MAKE THE PENETRATION. PENETRATIONS SHALL BE SLEEVED IN APPROPRIATELY SIZED RIGID STEEL CONDUIT BUT SHALL NOT BE LESS THAN 3/4" TRADE SIZE AND PROPERLY AND SUFFICIENTLY SUPPORTED TO PREVENT DAMAGE TO THE STRUCTURE OR THE CONDUIT. IN NO CASE SHALL THE CONDUIT EXTENDING THROUGH THE ROOF HAVE LESS THAN TWO (2) SUPPORTS SECURING THE CONDUIT TO THE STRUCTURE. IN NO CASE SHALL THE ROOF DECKING MATERIAL, FLASHING OR SEALANTS BE CONSIDERED ONE OR BOTH OF THE SUPPORTS REQUIRED. THE ROOFING CONTRACTOR IS ALSO RESPONSIBLE TO PROVIDE PROPER FLASHING AND SEALANTS TO MAKE A WATERTIGHT SEAL AROUND THE CONDUIT AND PENETRATION. FAILURE TO PROPERLY COORDINATE THESE PENETRATIONS WITH THE ROOFING CONTRACTOR THAT RESULT IN ADDITIONAL COSTS BY THE ROOFING CONTRACTOR WILL BE ABSORBED BY THE PARTY RESPONSIBLE FOR THE COORDINATION DEFICIENCY.
18. WHERE INSTALLED OUTDOORS OR IN DAMP OR HUMID ENVIRONMENTS, ENCLOSURES UTILIZED TO HOUSE SECURITY EQUIPMENT, USED AS PULL BOXES FOR SECURITY CABLING OR USED TO CONTAIN SPLICES FOR SECURITY CABLING SHALL BE OF A FIBERGLASS NEMA 4X RATING OR BETTER UNLESS APPROVED OTHERWISE BY THE SECURITY SYSTEM DESIGN ENGINEER.
19. WHERE INSTALLED OUTDOORS OR IN DAMP OR HUMID ENVIRONMENTS, ENCLOSURES UTILIZED TO HOUSE SECURITY EQUIPMENT, USED AS PULL BOXES FOR SECURITY CABLING OR USED TO CONTAIN SPLICES FOR SECURITY CABLING SHALL NOT BE PENETRATED ON THE TOP OF THE ENCLOSURE.
20. THE DOOR HARDWARE VENDOR IS RESPONSIBLE FOR PROVIDING THE DOOR HARDWARE, INCLUDING ELECTRIFIED CRASHBARS, CRASHBAR POWER SUPPLIES, TRANSFER HINGES AND ELECTRIC LOCKING DEVICES INCLUDING MAGNETIC LOCKS, ELECTRIC STRIKES, ELECTRIC MORTISE LOCKS AND ELECTRIC LEVERSETS.
21. THE DOOR HARDWARE VENDOR IS RESPONSIBLE FOR PREPPING THE APPROPRIATE DOOR FRAMES TO RECEIVE THE DOOR CONTACT(S), TRANSFER HINGE(S) AND ANY OTHER ELECTRIC LOCKING DEVICE(S) THAT ARE REQUIRED BY THE SECURITY SYSTEM.
22. THE SECURITY SUBCONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING ALL OF THE LOW VOLTAGE WIRING AND FIBER OPTIC CABLE FOR THE SECURITY DEVICES.
23. ALL LOW VOLTAGE CABLING SHALL HAVE JACKETING APPROPRIATE FOR THE ENVIRONMENT IN WHICH IT IS INSTALLED. DIRECT BURIAL CABLE IS REQUIRED FOR INSTALLATION IN ANY UNDERGROUND OR EXTERIOR MOUNTED RACEWAY.
24. ALL LOW VOLTAGE CABLING, WHERE INSTALLED IN AN UNDERGROUND ENVIRONMENT MUST BE INSTALLED INSIDE A RACEWAY SUITABLE FOR THE ENVIRONMENT IN WHICH IS INSTALLED AND AT A DEPTH IN ACCORDANCE WITH NEC TABLE 300.5.
25. NO LOW VOLTAGE CABLING SHALL BE LESS THAN #22AWG WITH THE EXCEPTION OF CATEGORY (CAT) CABLING FOR NETWORKED DEVICES AND FACTORY MANUFACTURED AND ASSEMBLED CABLE ASSEMBLIES.
26. THE SECURITY SUBCONTRACTOR IS RESPONSIBLE FOR TERMINATING ANY AND ALL FIELD CABLING THAT TERMINATES AT FIELD DEVICES AND PATCH PANEL DEMARCATION POINTS REGARDLESS OF LOCATION, INCLUDING FIBER OPTIC TERMINATIONS.
27. THE SECURITY SUBCONTRACTOR IS RESPONSIBLE FOR INSTALLING AND TERMINATING LOW VOLTAGE FIELD DEVICES AND INSTALLING HEAD END PANELS AND POWER SUPPLIES. THE SECURITY SUBCONTRACTOR IS RESPONSIBLE TO PROVIDE HEAD END TERMINATIONS, PROGRAMMING AND TESTING OF THE SECURITY SYSTEM.
28. THE SECURITY SUBCONTRACTOR IS RESPONSIBLE FOR INSTALLING THE ACCURATE NUMBER OF ENCLOSURES FOR THEIR SYSTEMS. THIS INCLUDES EXPANSION ENCLOSURES FOR ADDITIONAL DOOR CONTROLLERS, INPUT/OUTPUT BOARDS FOR BOTH THE ACCESS CONTROL AND INTRUSION SYSTEM.
29. ALL DEVICE CABLING IS A HOMERUN FROM THE DEVICE TO THEIR ASSOCIATED PANEL. DAISY CHAINING OF DEVICES IS NOT PERMITTED.

Sheet List	
Sheet Number	Sheet Name
SE000	SECURITY DEVICE SYSTEM COVER
SE100	SITE SECURITY PLAN
SE101.1	LEVEL 1 - A WING SECURITY PLAN
SE101.2	LEVEL 1 - B WING SECURITY PLAN
SE101.3	LEVEL 1 - C WING SECURITY PLAN
SE101.4	LEVEL 1 - D WING SECURITY PLAN
SE101.5	LEVEL 1 - E WING SECURITY PLAN
SE102.1	LEVEL 2 - A WING SECURITY PLAN
SE102.2	LEVEL 2 - B WING SECURITY PLAN
SE102.3	LEVEL 2 - C WING SECURITY PLAN
SE102.4	LEVEL 2 - D WING SECURITY PLAN
SE102.5	LEVEL 2 - E WING SECURITY PLAN
SE103.1	ROOF LEVEL - D WING SECURITY PLAN
SE111	LEVEL 1 - SECURITY REFLECTED CEILING PLAN
SE112	LEVEL 2 - SECURITY REFLECTED CEILING PLAN

TYPICAL MOUNTING HEIGHTS:



1. INSTALL IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, PROVINCIAL, REGIONAL, AND LOCAL CODES, STANDARDS AND LAWS.
2. IN MASONRY CONSTRUCTION THE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO THE NEAREST BLOCK OR BRICK COURSING.
3. THE ABOVE MOUNTING ELEVATIONS ARE TO CENTER OF DEVICE AND SHALL BE ADHERED UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS AND/OR SPECIFICATIONS.
4. COORDINATE THE INSTALLATION AND MOUNTING ELEVATIONS OF ALL EQUIPMENT, DEVICES, CONTROLS AND APPURTENANCES WITH PROFESSIONAL AND ALL AFFECTED TRADES PRIOR TO INSTALLATION. DOCUMENT ALL MOUNTING ELEVATIONS FOR ALL EQUIPMENT , DEVICES, AND APPURTENANCES AT THE TIME OF SHOP DRAWINGS SUBMISSION.



CONNECTIVITY = C

M:		C:	
P	- POLE	N	- NETWORK/IP BASED
PE	- PEDESTAL	W	- WIRELESS
T	- TURNSTILE	H	- HARDWIRED
S	- SURFACE	S	- STANDALONE
F	- FLUSH	L	- LASER
R	- RECESSED	U	- UTP
M	- MULLION	FO	- FIBER OPTIC
D	- DESK	MO	- MOBILE
W	- WALL	NA	- NOT APPLICABLE
C	- CEILING		
ST	- SOFFIT		
CO	- CORNER		
G	- GATE		
B	- BURIED		
H	- HIDDEN		
RF	- ROOF		
PP	- PARAPET		
CPN	- CEILING PENDANT		
WPN	- WALL PENDANT		
K	- RACK		
VCC	- VANDAL RESISTANT CEILING CORNER		
SA	- STANDALONE		

CABLE LEGEND W/BELDEN OR PAIGE EQUIVALENTS

A	22Awg	4 cond SH	A 6502FE
B	22Awg	4 cond	B 6502UE
C	18Awg	2 cond	C 6300UE
D	22Awg	6 cond SH	D 6504FE
E	12Awg	2 cond	E 6000UE
F	22Awg	12 cond	F 6509UE
G	RG-59U	Coax	G 6439AB
H	18Awg	2 cond SH	H 6300FE
J	18Awg	4 cond	J 6302UE
K	18Awg	6 cond SH	K 6304FE
L	RG-6	Coax	L 6339AB
M	22Awg	6 cond	M 6504UE
N	16Awg	2 cond	N 6200UE
P	Cat 5e		P 1701A
P6	Cat 6A	Coax	P6 7852A
R	24Awg	1pr. Low Cap	R 82841
S	24Awg	2pr. SH Low Cap	S 222600307 (PAIGE)
T	16Awg	1pr. cond SH	T 6200FE
U	20Awg	2pr. SH/Un	(WP 25359)
X	DB Composite		X 5439W5
Z	Multi Composite-Access		Z 236700707 (PAIGE)
QC	Quick Connect		

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	
DRAWN BY:	CL
REVISIONS:	

SECURITY DEVICE SYSTEM COVER

DD SET

SE000



1 SITE SECURITY PLAN
1" = 60'-0"

N

JWA
JONES WHITSETT
ARCHITECTS

308 Main Street
Greenfield, MA 01301

T. 413.773.5551
F. 413.773.5551

office@joneswhitsett.com

SMMA

CONSULTANTS:

GOOD HARBOR
TECHMARK

17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

SITE SECURITY PLAN

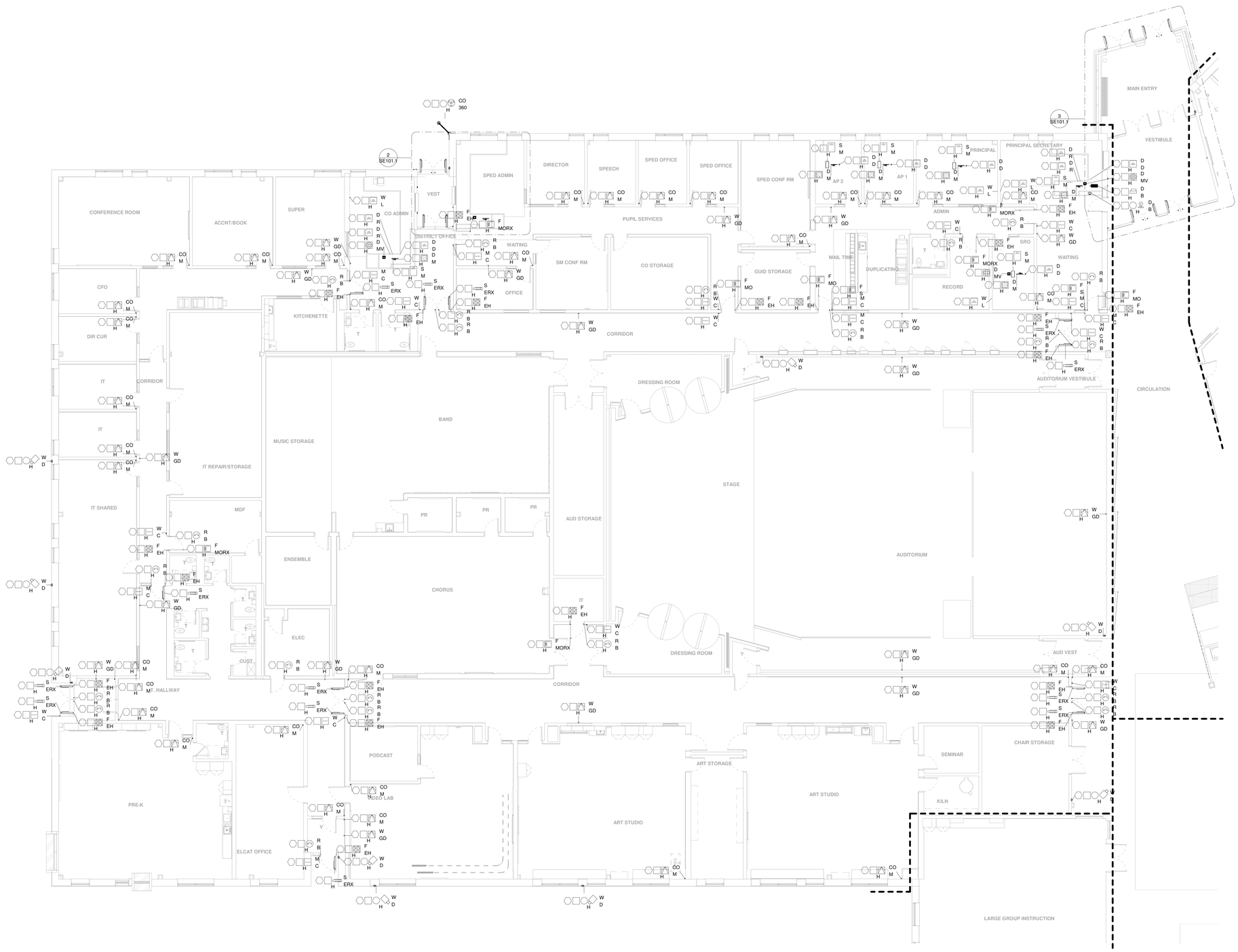
EAST LONGMEADOW HIGH SCHOOL

180 MAPLE STREET
EAST LONGMEADOW, MA 01028

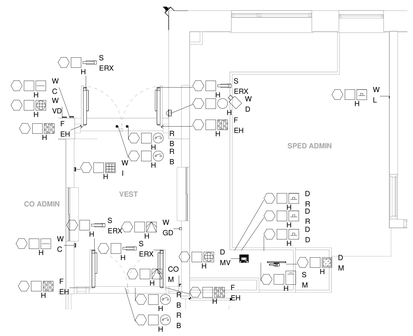
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1" = 60'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

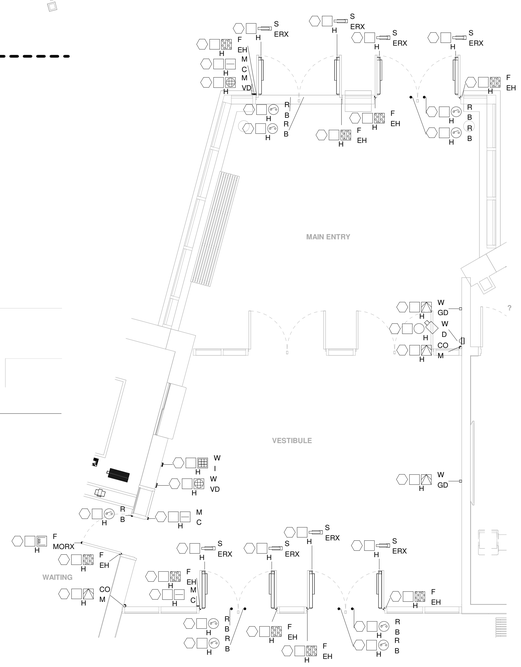
SE100



1 LEVEL 1 - A WING
1/8" = 1'-0"



2 LEVEL 1 - CO ADMIN/SPED ADMIN VESTIBULE
1/4" = 1'-0"



3 LEVEL 1 - MAIN ENTRY
1/4" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-6555
FAX : (781) 871-5855
www.ghtechmark.com

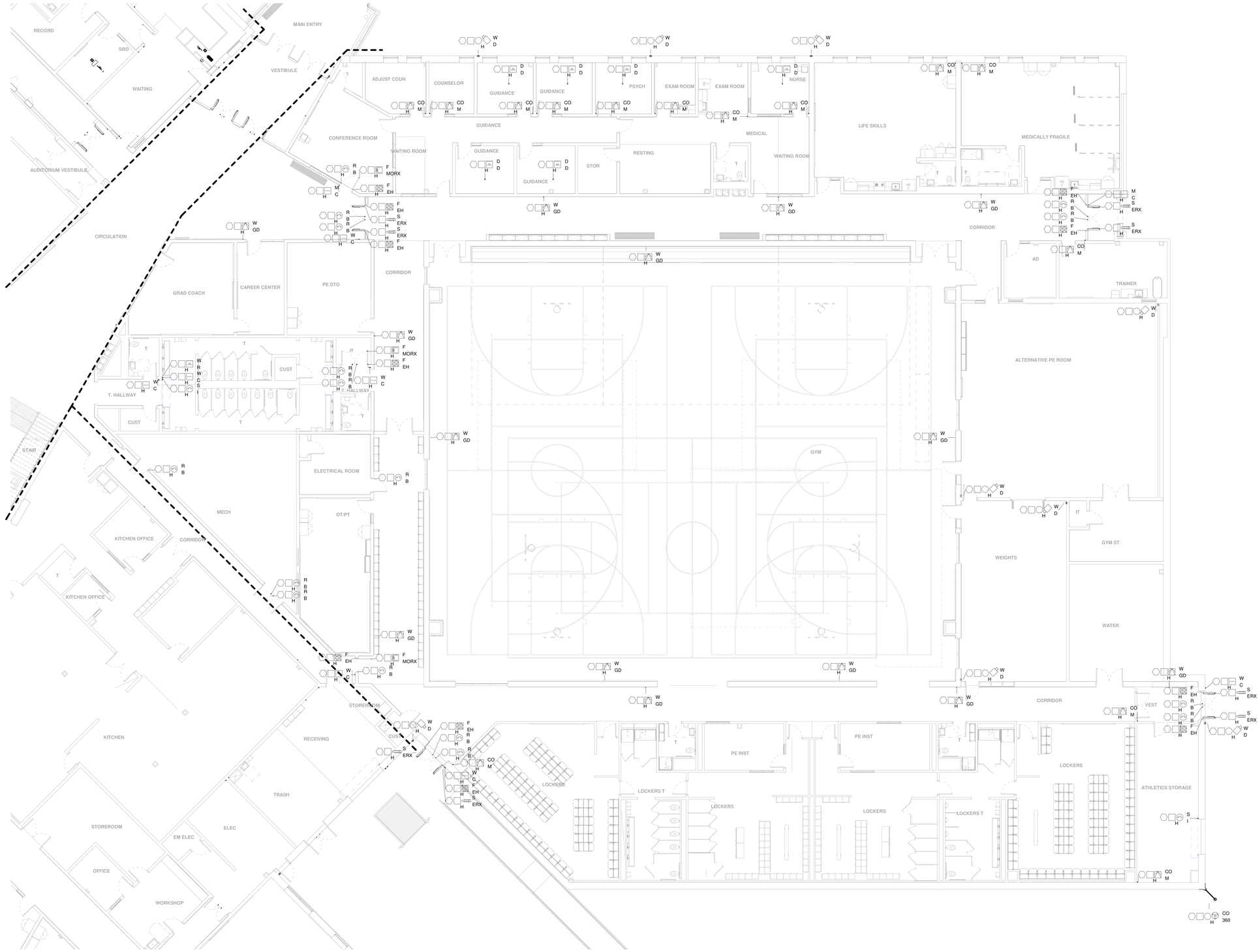
LEVEL 1 - A WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	CL
REVISIONS:	

DD SET

SE101.1



1 LEVEL 1 - B WING
1/8" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

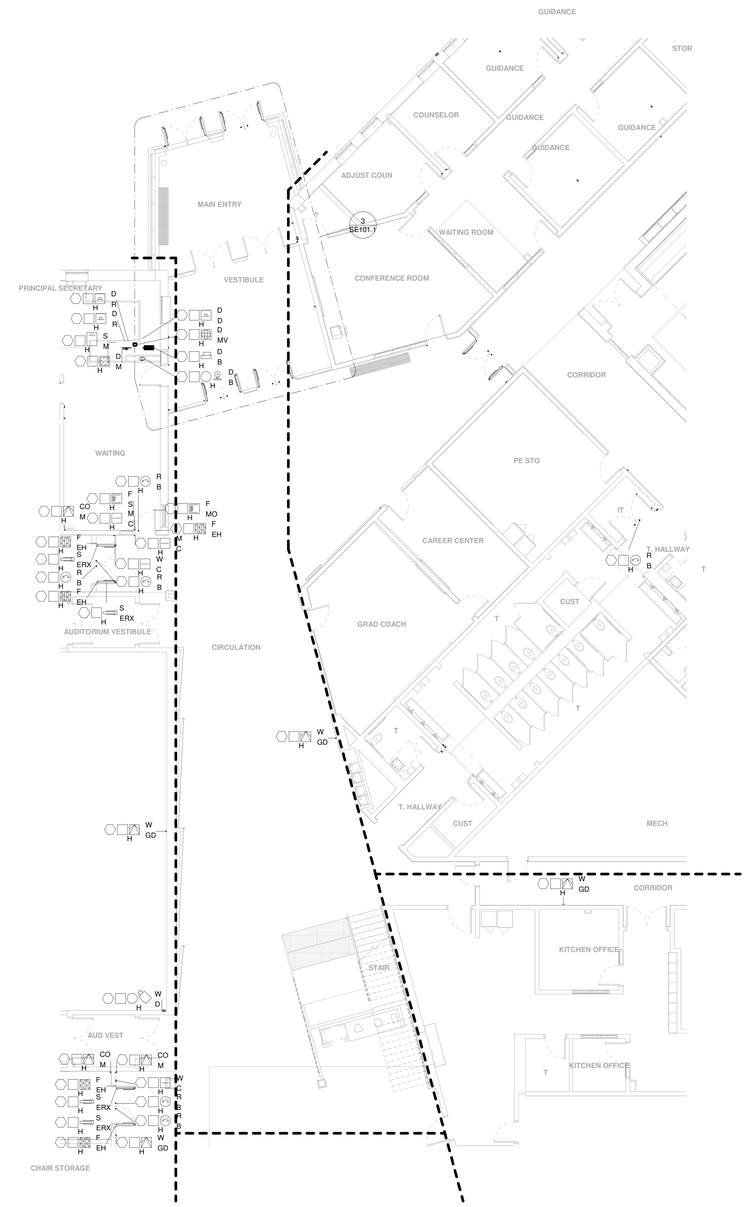
LEVEL 1 - B WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

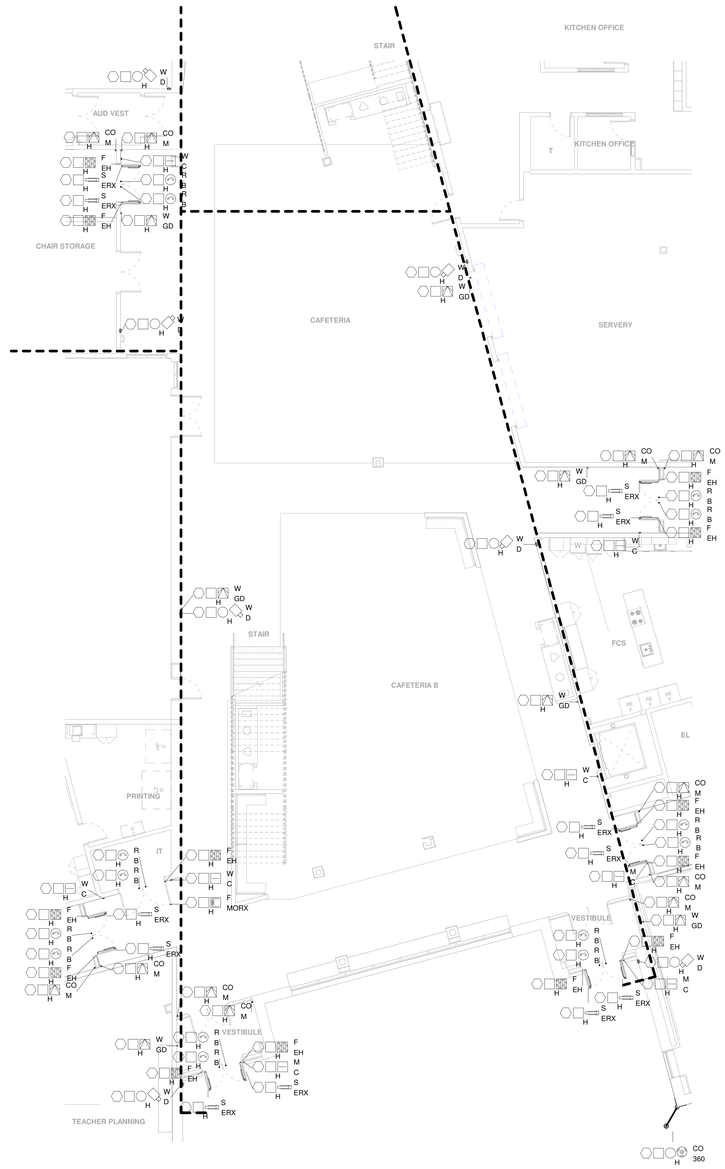
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE101.2



1 LEVEL 1 - C NORTH
1/8" = 1'-0"



2 LEVEL 1 - C SOUTH
1/8" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR
TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

LEVEL 1 - C WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE101.1



1 LEVEL 1 - D WING
1/8" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

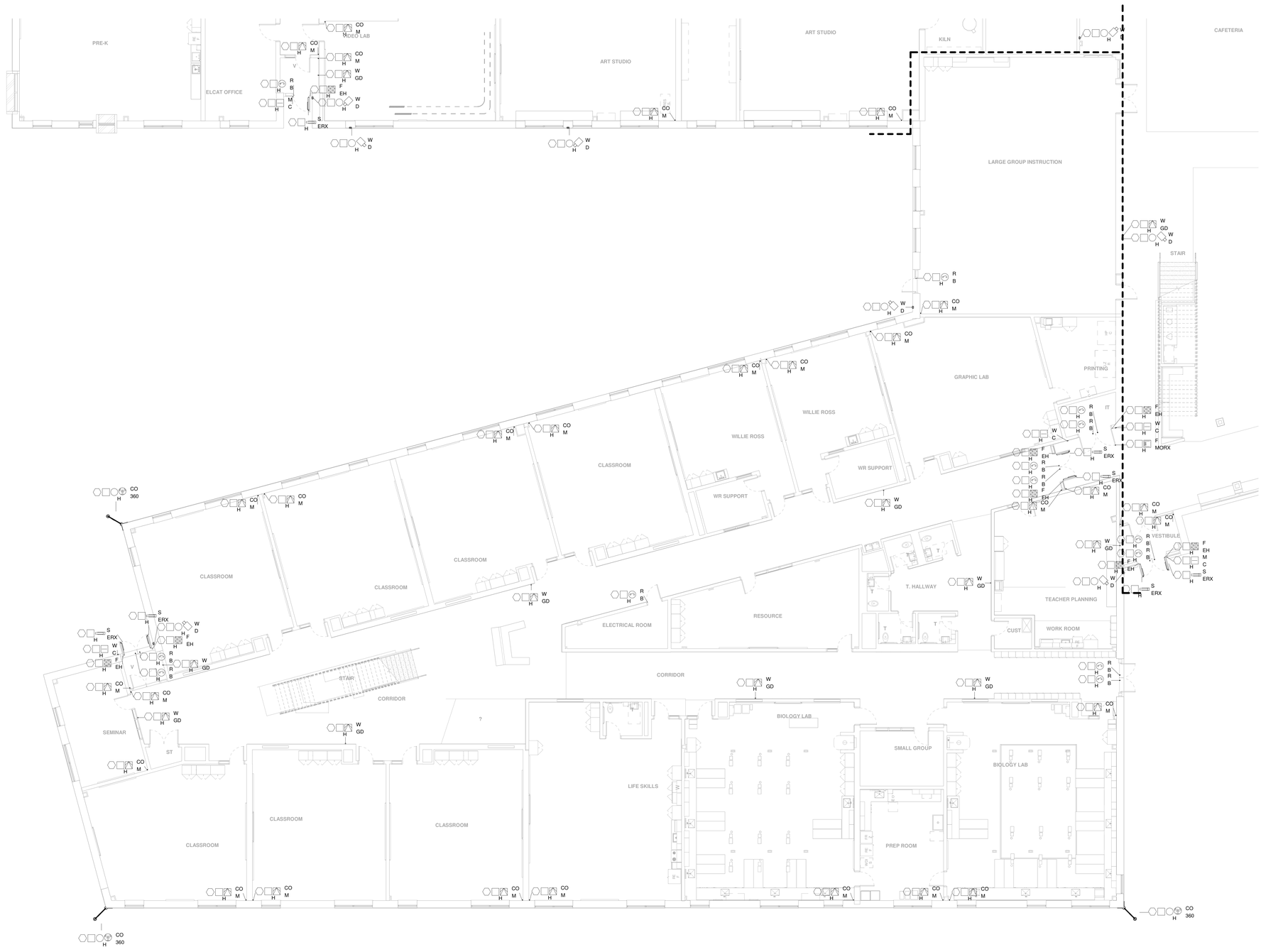
LEVEL 1 - D WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE101.4



1 LEVEL 1 - E WING
1/8" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

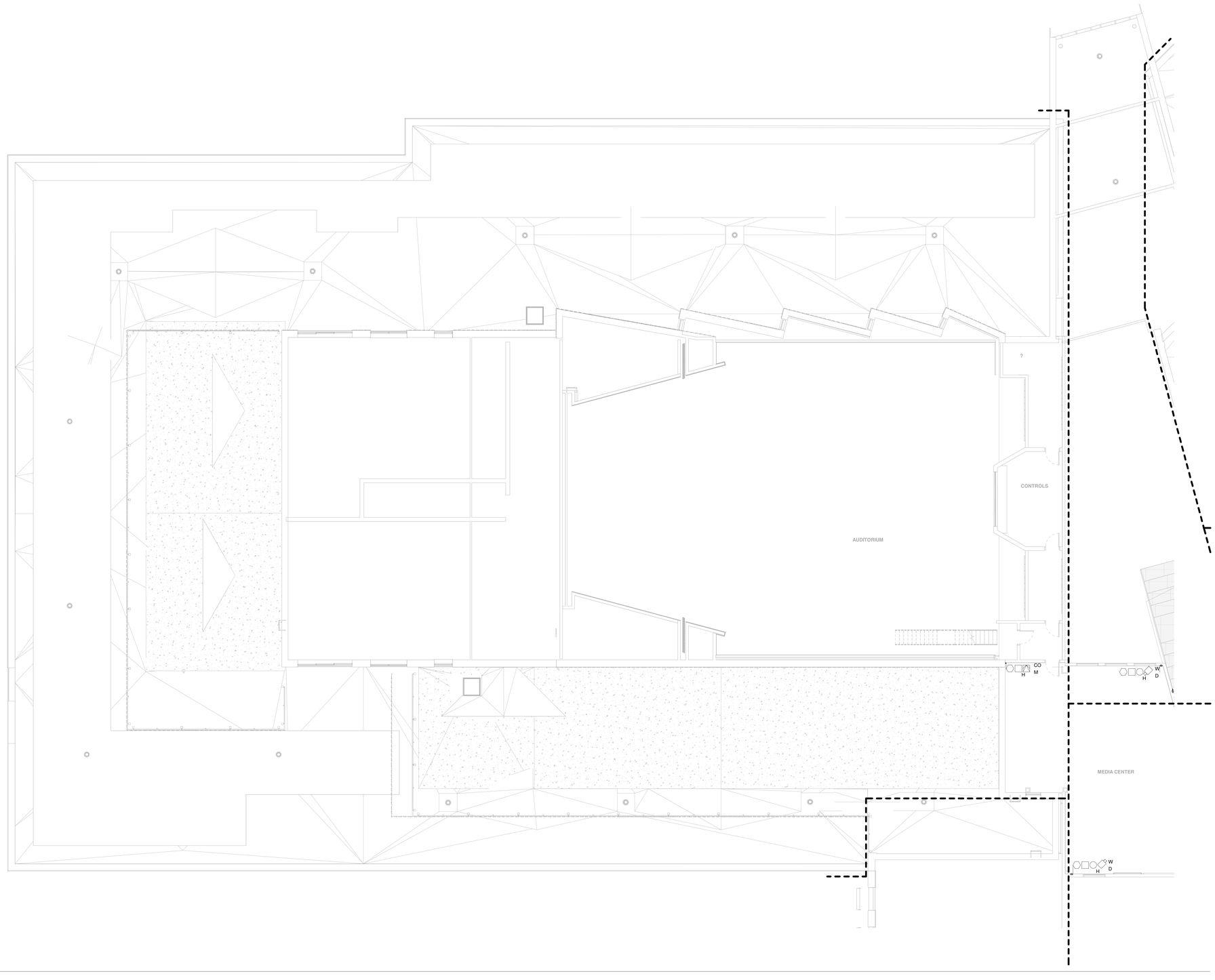
LEVEL 1 - E WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE101.5



1 LEVEL 2 - A WING
1/8" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR
TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

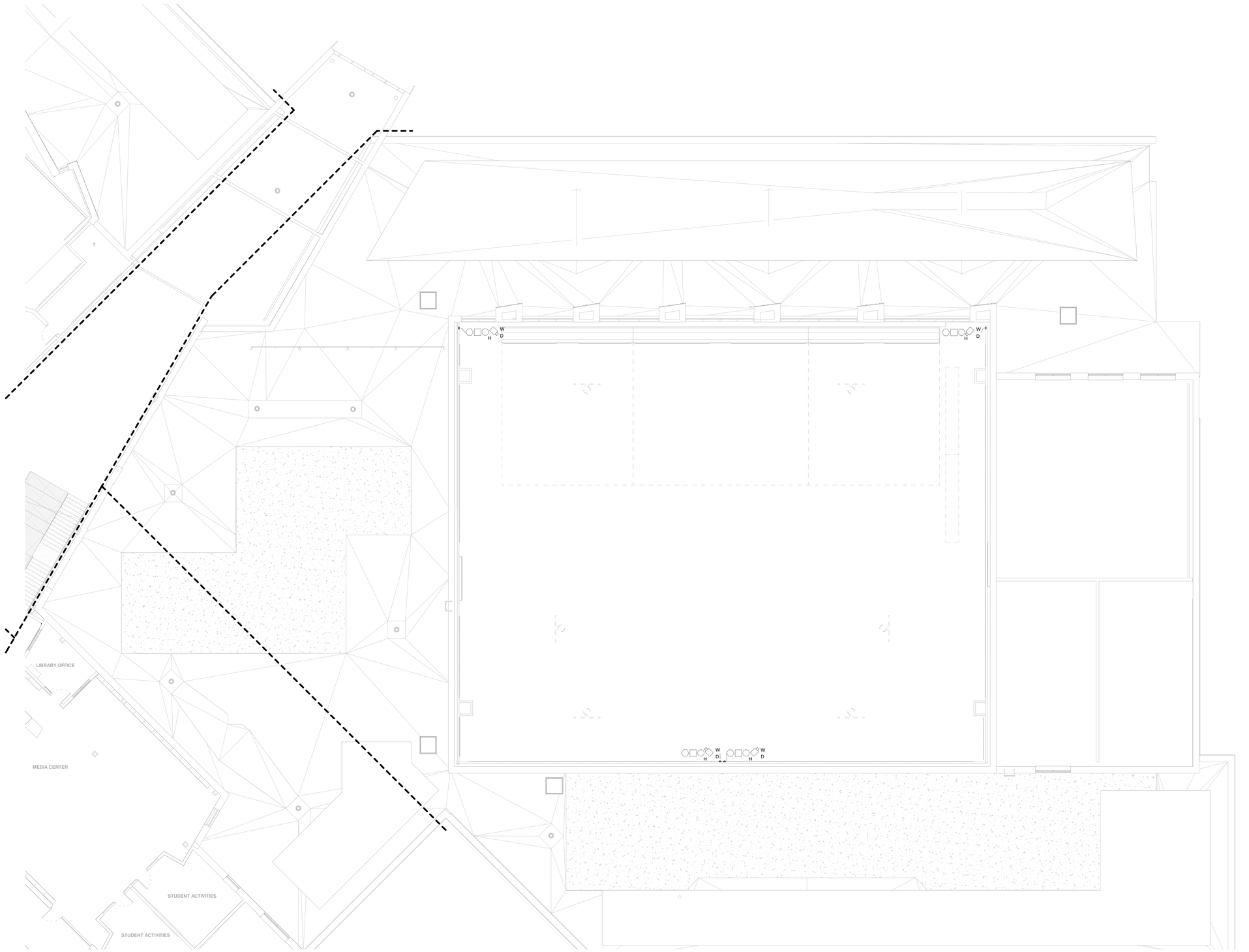
LEVEL 2 - A WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE102.1



1 LEVEL 2 - B WING
1/8" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR
TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

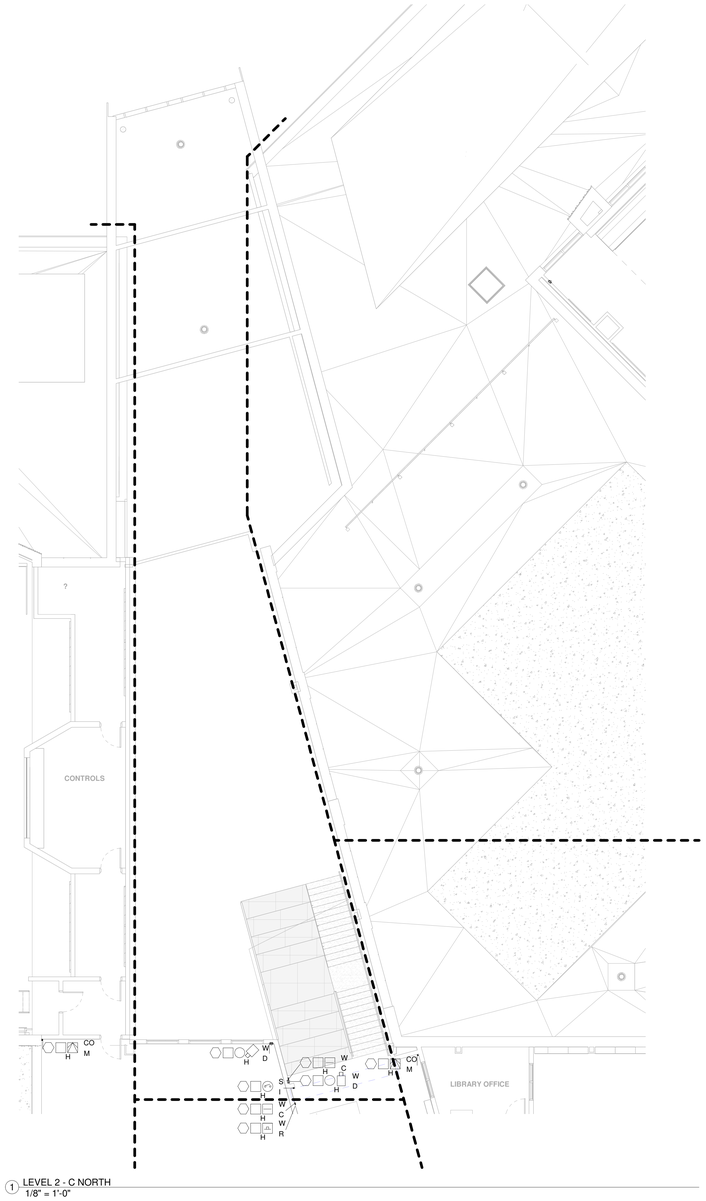
LEVEL 2 - B WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

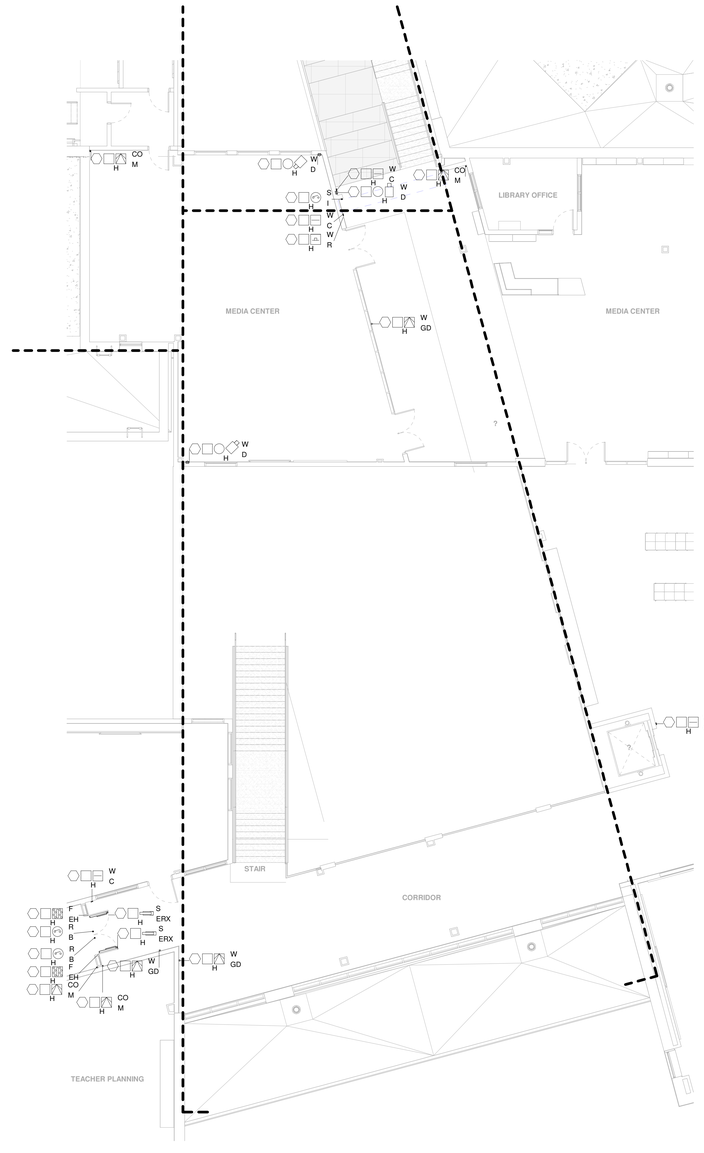
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE102.2



1 LEVEL 2 - C NORTH
1/8" = 1'-0"



2 LEVEL 2 - C SOUTH
1/8" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

LEVEL 2 - C WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE102.3



1 LEVEL 2 - D WING
1/8" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

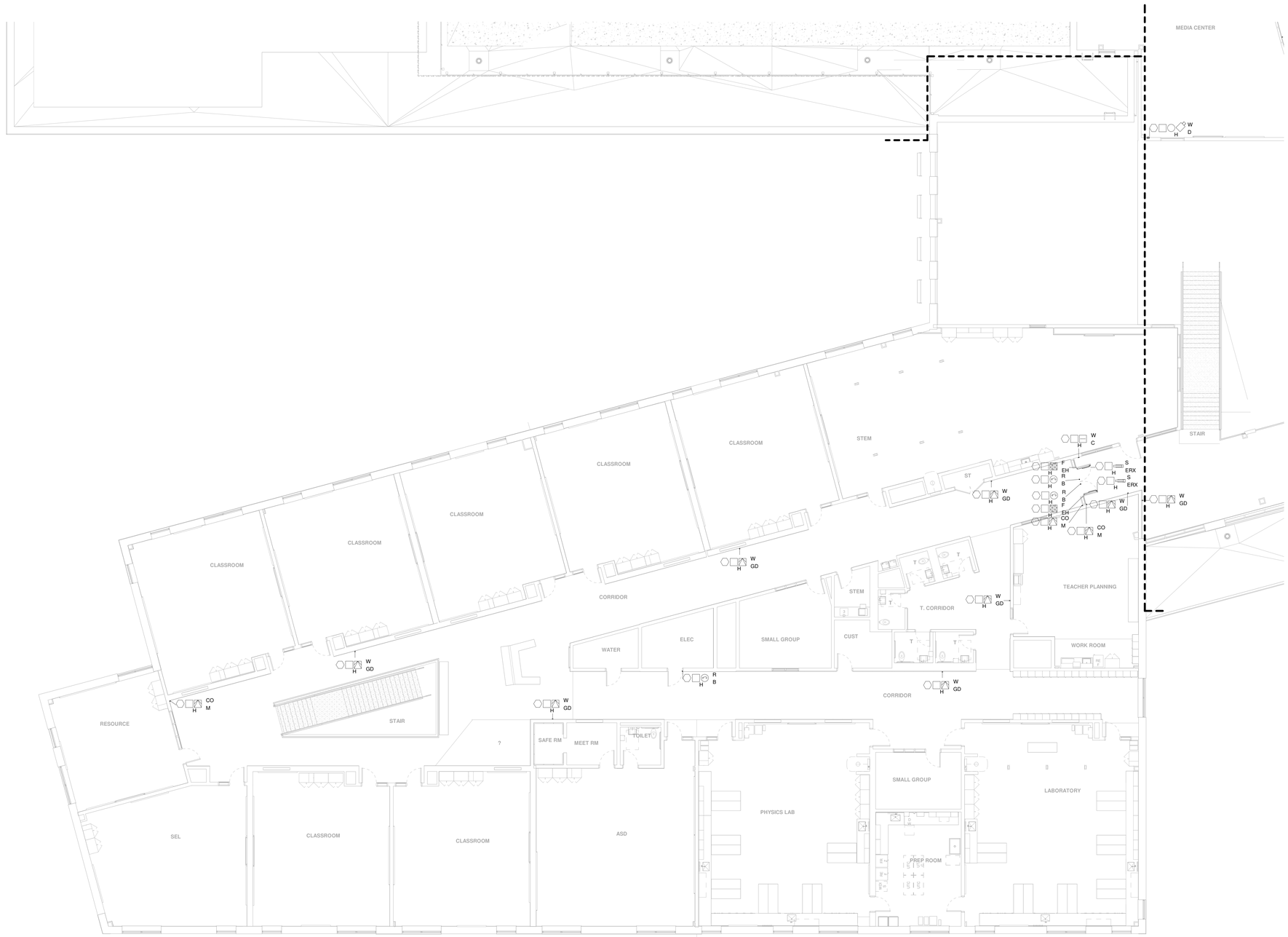
LEVEL 2 - D WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE102.4



1 LEVEL 2 - E WING
1/8" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

LEVEL 2 - E WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE102.5



1 ROOF - D WING
1/8" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR
TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

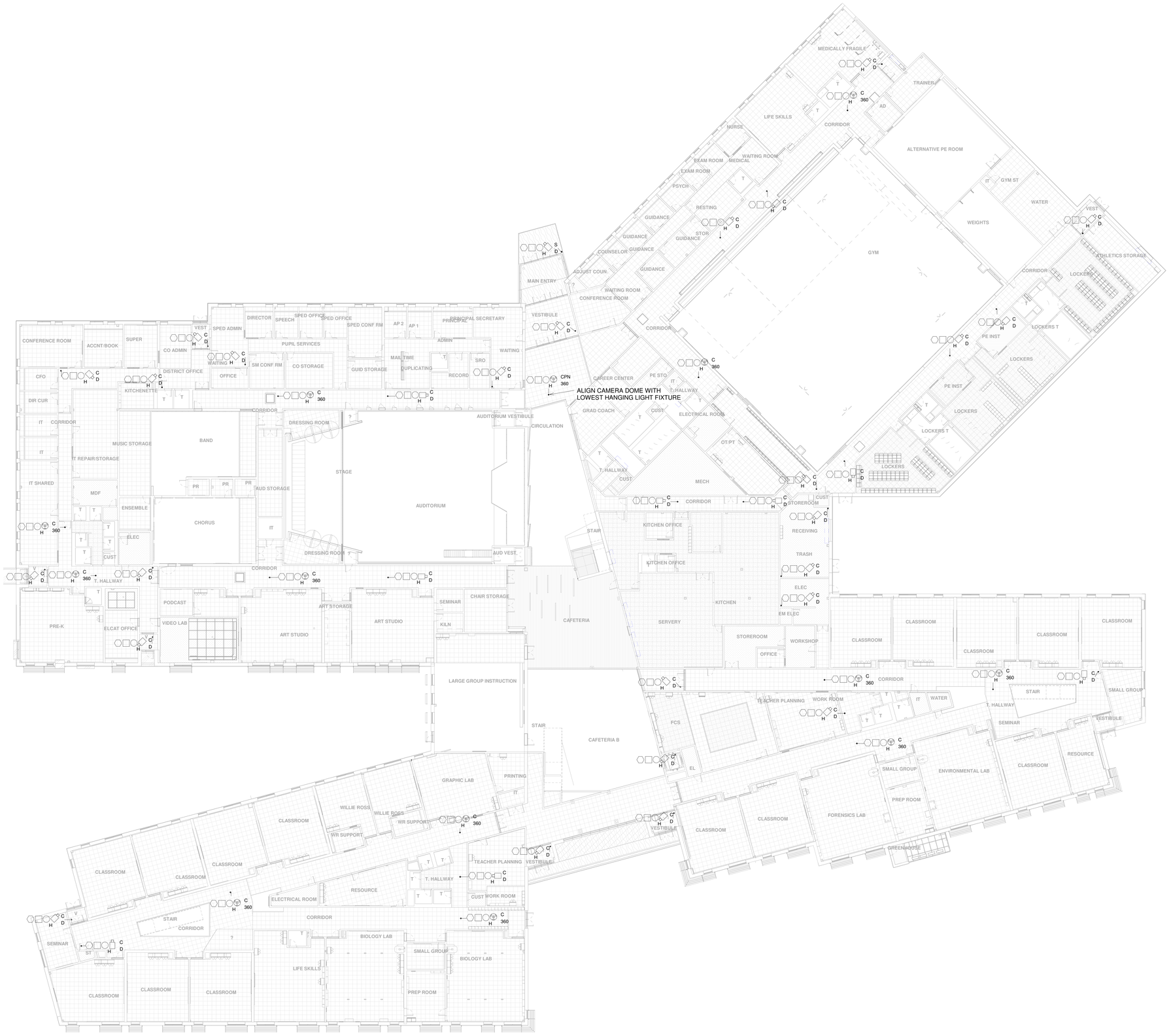
ROOF LEVEL - D WING SECURITY PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE103.1



1 LEVEL 1 - SECURITY RCP
1/16" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

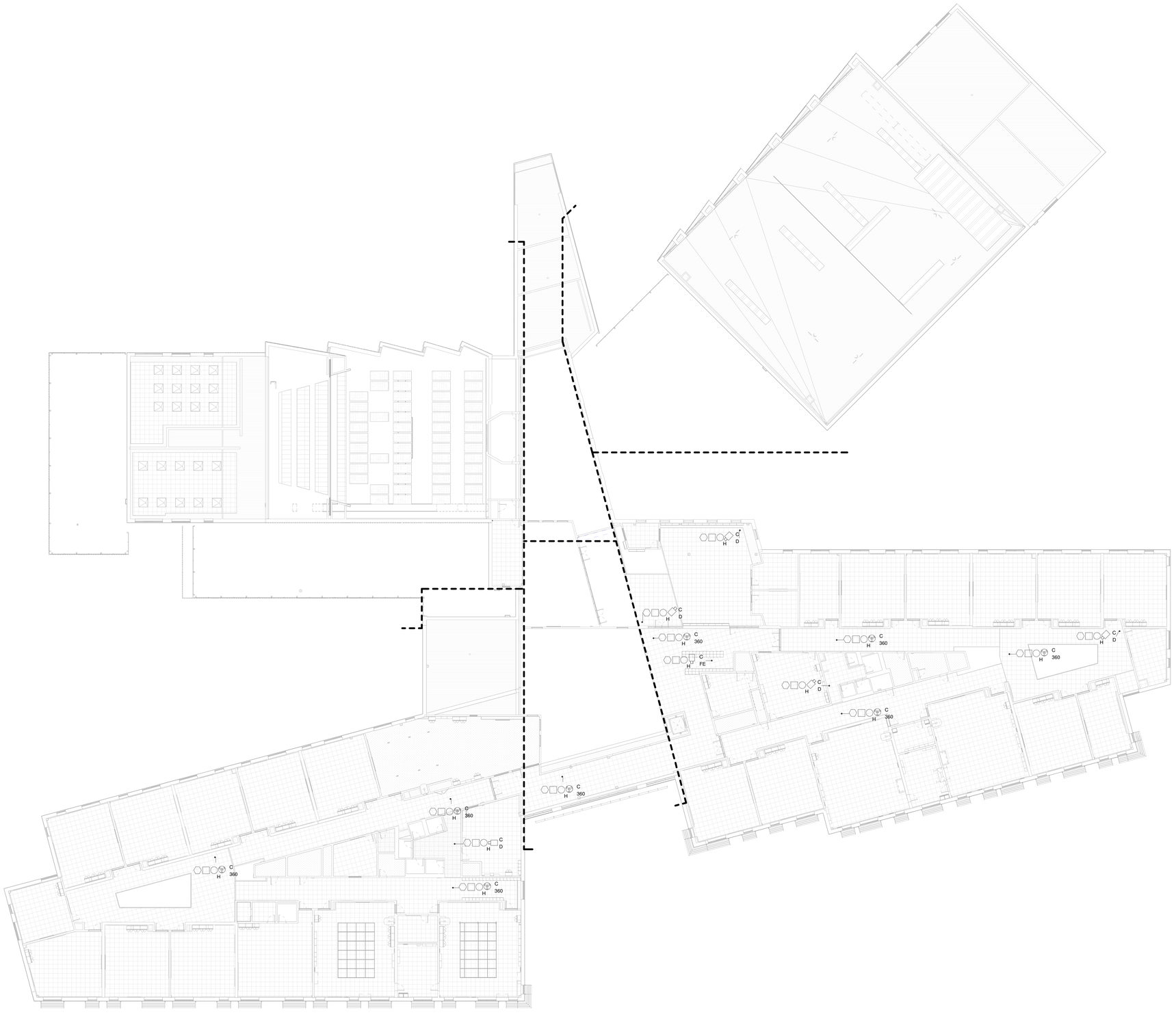
LEVEL 1 - SECURITY REFLECTED CEILING PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/16" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE111



1 LEVEL 2 - SECURITY RCP
1/16" = 1'-0"

N

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
GOOD HARBOR
TECHMARK
17 ACCORD PARK DRIVE
SUITE 201
NORWELL, MA 02061
TEL: (781) 871-5555
FAX : (781) 871-5855
www.ghtechmark.com

LEVEL 2 - SECURITY REFLECTED CEILING PLAN

EAST LONGMEADOW HIGH SCHOOL
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/16" = 1'-0"
DRAWN BY:	CL
REVISIONS:	

DD SET

SE112

AV EQUIPMENT RACK SCHEDULE

LOCATION	DESCRIPTION	HEAT LOAD ACTIVE (BTU)	HEAT LOAD STANDY (BTU)	COMMENTS
GYM STORAGE	19" PIVOTING EQUIPMENT RACK	5,000	3,000	
LARGE GROUP INSTRUCTION	PULL-OUT, ROTATING EQUIPMENT RACK	1,500	1,000	WITHIN MILLWORK
CHAIR STORAGE	19" PIVOTING EQUIPMENT RACK	5,000	4,000	
BAND CLASSROOM	21 SPACE ROLLING EQUIPMENT RACK	1,500	1,000	
CHORUS	21 SPACE ROLLING EQUIPMENT RACK	1,500	1,000	
ELECTRICAL CLOSET	19" PIVOTING EQUIPMENT RACK	10,000	5,000	

AUDIOVISUAL POWER REQUIREMENTS

LOCATION	SERVING	AV POWER RECEPTACLES	NON-AV POWER	20A CIRCUITS	NOTES
AUDITORIUM ELEC A112	AV EQUIPMENT RACK	4		4	MOUNT IN BACKPAN OF RACK
AUDITORIUM STAGE	AV EQUIPMENT	5		2	ADJACENT TO 'SP' AND 'USP' DEVICES
AUDITORIUM STAGE	FLOOR BOXES	2		1	WITHIN FB1 DEVICES
AUDITORIUM OFFSTAGE	AV EQUIPMENT	2		1	ADJACENT TO 'OSP' DEVICES
AUDITORIUM STAGE APRON	AV EQUIPMENT	3		1	ON STAGE APRON
AUDITORIUM CROSS AISLE	FLOOR BOX	1		1	WITHIN FB2 DEVICE
AUDITORIUM PROSCENIUM	PROJECTION SCREEN		1	1	JUNCTION BOX AT PROJECTION...
AUDITORIUM CATWALKS	AV EQUIPMENT	12		4	
AUDITORIUM CONTROL BOOTH	AV EQUIPMENT	1		1	ADJACENT TO 'MX' DEVICE
AUDITORIUM	VIDEO PROJECTOR	1		1	AT PROJECTOR LOCATION
AUDITORIUM	AV EQUIPMENT	4		1	ADJACENT TO 'CI' LOCATIONS
BAND CLASSROOM	AV EQUIPMENT RACK	1		1	ADJACENT TO 'RC' DEVICE
CHORUS CLASSROOM	AV EQUIPMENT RACK	1		1	ADJACENT TO 'RC' DEVICE
GYMNASIUM	AV EQUIPMENT RACK	2		1	MOUNT IN BACKPAN OF RACK
GYMNASIUM	AV EQUIPMENT	2		1	ADJACENT TO 'AV' AND 'WBG' DEVICES
CHAIR STORAGE	AV EQUIPMENT RACK	1		1	MOUNT IN BACKPAN OF RACK
LARGE GROUP INSTRUCTION	AV EQUIPMENT RACK	1		1	IN CABINET WITH RACK
LARGE GROUP INSTRUCTION	AV EQUIPMENT	1		1	ADJACENT TO 'LP3' DEVICE
CAFETERIA	LED VIDEO WALL	8		8	BEHIND VIDEO WALL
CAFETERIA	AV EQUIPMENT	1		1	ADJACENT TO 'LP4' DEVICE
CHAIR STORAGE	AV EQUIPMENT RACK	1		1	MOUNT IN BACKPAN OF RACK
CAFETERIA	AV EQUIPMENT RACK		1	8	CONVENIENCE OUTLET BY LP4 DEVICE

AUDIOVISUAL SYSTEM NOTES

1. ALL CONDUIT TO BE FERROUS METAL (E.G., STEEL).
2. ALL CONDUITS 3/4" UNLESS OTHEWISE NOTED.
3. INSTALL ALL CONDUIT AND DEVICE BOXES DESCRIBED ON THIS DRAWING AND OTHER AVE SERIES DRAWINGS FOR USE BY AUDIOVISUAL EQUIPMENT. AUDIOVISUAL EQUIPMENT TYPICALLY PROVIDED BY AV CONTRACTOR. COORDINATE REQUIREMENTS WITH OWNER'S DESIGNATED REPRESENTATIVE.
4. ELECTRICAL METALLIC TUBING (EMT) MAY BE SUBSTITUTED FOR RIGID CONDUIT AS APPROPRIATE FOR CONSTRUCTION ENVIRONMENT.
5. ALL CONDUITS SHOWN ARE FOR AUDIO-VISUAL SERVICE; DO NOT EMPLOY FOR POWER OR TEL/DATA SERVICE. PROVIDE ADDITIONAL CONDUITS AS MAY BE REQUIRED FOR POWER OR TEL/DATA SERVICE. PROVIDE BLANK COVER PLATES ON ALL ITEMS. AV CONTRACTOR TO INSTALL FINISHED PLATES WITH CONNECTORS.
6. CONDUIT RUN IN AND BELOW CONCRETE SLABS ON GRADE TO BE PVC COATED STEEL.
7. STUB CONDUITS FROM BOXES TO NEAREST ACCESSIBLE CEILING SPACE.
8. ALL CONDUIT FOR PATCHABLE STRUCTURED CABLING UNDER TECHNOLOGY.
9. INTERMEDIATE MARSHALLING BOXES FOR THE GROUPING OF HOME RUN CONDUITS ARE ACCEPTABLE. CONTRACTOR RESPONSIBLE FOR MAINTAINING CONDUIT CAPACITY AND PULL BOX SIZE. USE 30% FILL FOR CONDUIT SIZE CALCULATIONS.
10. RUN ALL HOME RUNS TO JUNCTION BOXES.
11. FOR RECESS-MOUNTED GANG BOXES USE RACO 3-1/2" DEEP STEEL BACK BOXES OR EQUAL.
12. FOR SURFACE- AND PIPE-MOUNTED GANG BOXES USE FSR SMWB, LEVITON BKBOX SERIES SURFACE MOUNT POWDER-COATED STEEL BOX OR EQUAL BY ELECTRONIC THEATRE CONTROLS.
13. PROVIDE BLANK COVER PLATES FOR ALL ITEMS. AV CONTRACTOR TO FURNISH AND INSTALL FINISHED PLATES WITH CONNECTORS.
14. USE SEPARATE STEEL CONDUITS FOR MICROPHONE-LEVEL CIRCUITS (BELOW -20 DBM), LINE-LEVEL CIRCUITS (UP TO +30 DBM), LOUDSPEAKER CIRCUITS (ABOVE +30 DBM), CONTROL CIRCUITS, DATA CIRCUITS, VIDEO CIRCUITS AND POWER CIRCUITS. USE AUDIO CONDUIT THAT IS SPACED AT LEAST 12 INCHES AWAY FROM POWER CONDUIT. INSULATE ALL CONDUIT FROM THE EQUIPMENT RACK(S); GROUND CONDUIT ONLY TO POWER SYSTEM GROUND. DO NOT SPLICE LINES IN CONDUIT. CONNECT EACH INPUT RECEPTACLE BY AN INDIVIDUAL, INSULATED LINE TO THE SYSTEM EQUIPMENT RACK.
15. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS AND CONDUIT SIZE.
16. PROVIDE ALL EMPTY CONDUITS WITH PULL-STRINGS.
17. PROVIDE PULL BOX AFTER 180 DEGREES OF CONDUIT BEND OR EVERY 100'.
18. ELECTRICAL CONTRACTOR TO PROVIDE ALL STANDARD ELECTRICAL BACK BOXES AND FLOOR BOXES.
19. AUDIOVISUAL CONTRACTOR TO PROVIDE CUSTOM AUDIOVISUAL FACEPLATES.
20. REFERENCE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND DETAILS.
21. PROVIDE DRY CONTACT CLOSURE FROM FIRE ALARM SYSTEM TO INITIATE AV SYSTEM SHUTDOWN IN THE EVENT OF FIRE.

AUDIOVISUAL SYMBOL LIST

- D1 / XX ▼ — AUDIOVISUAL DEVICE WITH POWER AND DATA DEVICE MOUNTED ADJACENT TO AUDIOVISUAL DEVICE
- XX ◀ D1 — AUDIOVISUAL DEVICE WITH DATA DROP WITHIN AUDIOVISUAL DEVICE BOX
- XX — FLOOR MOUNTED DEVICE
- XX — WALL MOUNTED DEVICE, FLUSH
- XX — WALL MOUNTED DEVICE, SURFACE
- XX A — CEILING MOUNTED DEVICE, SUBSCRIPT INDICATES ZONE
- VIDEO PROJECTOR
- PSE H" X W" — ELECTRIC, ROLL-DOWN PROJECTION SCREEN, IMAGE SIZE INDICATED
- PSF H" X W" — FIXED FRONT PROJECTION SCREEN, IMAGE SIZE INDICATED
- FP XX" — FLAT PANEL DISPLAY, NOMINAL DIAGONAL SIZE INDICATED
- VIDEO CAMERA, WALL MOUNTED
- AV RACK — AUDIOVISUAL EQUIPMENT RACK

AUDIOVISUAL SYMBOL LIST

SYMBOL	DESCRIPTION	BACK BOX DESCRIPTION	MOUNTING (UNLESS OTHERWISE NOTED)
AL	ASSISTIVE LISTENING ANTENNA	ONE GANG ELECTRICAL BOX	PER ARCHITECT
AV	AV MUSIC CONNECTION PANEL	TWO GANG ELECTRICAL BOX	PROJECT SWITCH HEIGHT
CA	PTZ CAMERA CONNECTION	THREE GANG ELECTRICAL BOX	PER ARCHITECT
CC	LOUDSPEAKER WIRING JUNCTION BOX	4" SQUARE BY 4" DEEP ELECTRICAL BOX	ABOVE LOUDSPEAKER LOCATION
CI	CAMERA INPUT CONNECTION	FOUR GANG ELECTRICAL BOX	PER ARCHITECT
CP	BUTTON PANEL CONTROLLER	THREE GANG ELECTRICAL BOX	PROJECT SWITCH HEIGHT
DC	LIGHTING SYSTEM CONTROL CONNECTION	ONE GANG ELECTRICAL BOX	IN BACKPAN OF LIGHTING EQUIPMENT RACK
DPA	PROJECTOR AUDIO CONNECTION	ONE GANG ELECTRICAL BOX	AT PROJECTOR LOCATION
DV	DIRECT-VIEW LED DISPLAY WIRING	8"X"8"X6" NEMA TYPE 1 BOX	FLUSH IN WALL BEHIND DISPLAY
FB1	LARGE FLOOR BOX	FLOOR BOX, 10-GANG, 6" DEEP	FLUSH MOUNTED IN FLOOR, PER DETAIL
FB2	MOVABLE AV EQUIPMENT	PROJECT STANDARD FLUSH FLOOR POWER/DATA POKETHROUGH. REFER TO ELECTRICAL DRAWINGS	FLUSH MOUNTED IN FLOOR
FF	FRONT FILL LOUDSPEAKER	FRAMED CAVITY IN WALL, NO BACK BOX	PER ARCHITECT
FP	42-INCH DIAGONAL DISPLAY		
I	INTERCOM CONNECTION PANEL	ONE GANG ELECTRICAL BOX	PROJECT RECEPTACLE HEIGHT
JB1	JUNCTION BOX FOR GYM RACK WIRING	AS REQUIRED	ABOVE EQUIPMENT RACK
JB2	JUNCTION BOX FOR STAGE RACK WIRING	AS REQUIRED	ABOVE EQUIPMENT RACK
JB3	JUNCTION BOX FOR MAIN RACK WIRING	AS REQUIRED	ABOVE EQUIPMENT RACK
JB4	JUNCTION BOX FOR CAFETERIA RACK WIRING	AS REQUIRED	ABOVE EQUIPMENT RACK
L2	LINE OUTPUT PANEL	ONE GANG ELECTRICAL BOX	PER ARCHITECT
LG1	GYM LOUDSPEAKER WIRING	4" SQUARE WEATHERIZED ELECTRICAL BOX SURFACE-MOUNTED AT CEILING	AT CEILING
LP3	LAPTOP INPUT PANEL, THREE GANG	THREE GANG ELECTRICAL BOX	PROJECT RECEPTACLE HEIGHT
LP4	LAPTOP INPUT PANEL, FOUR GANG	FOUR GANG ELECTRICAL BOX	PROJECT RECEPTACLE HEIGHT
M2	MICROPHONE CONNECTION PANEL	ONE GANG ELECTRICAL BOX	PROJECT RECEPTACLE HEIGHT
MM	MONITOR MICROPHONE CONNECTION	TWO GANG ELECTRICAL BOX	PROJECT RECEPTACLE HEIGHT
MX	MIX POSITION CONNECTION PANEL	12" X 12" X 6" TYPE 1 NEMA WALL BOX	PROJECT RECEPTACLE HEIGHT
OR	RACEWAY FLOOR AV CONNECTIONS	10" X 10" X 4" FLOOR RECEWAY BOX FOR AV CONNECTIONS	FLUSH MOUNTED IN FLOOR
OSP	OFFSTAGE CONNECTION PANEL	12" X 12" X 6" TYPE 1 NEMA WALL BOX	PROJECT RECEPTACLE HEIGHT
PL	PROGRAM LOUDSPEAKER WIRING	ONE GANG ELECTRICAL BOX	BEHIND LOUDSPEAKER LOCATION
PS	PROJECTION SCREEN CONTROL WIRING	ONE GANG ELECTRICAL BOX	ABOVE OR ADJACENT TO PROJECTION SCREEN
R2	RECORDING MICROPHONE CONNECTION	ONE GANG ELECTRICAL BOX	
RC	RACK CONNECTION PANEL	FOUR GANG ELECTRICAL BOX	PROJECT RECEPTACLE HEIGHT
RCC	RACK CONNECTION PANEL	FOUR GANG ELECTRICAL BOX	PROJECT RECEPTACLE HEIGHT
S2	PENDANT LOUDSPEAKER	OCTAGONAL CEILING BOX	ABOVE LOUDSPEAKER
S6	FLUSH-MOUNTED CEILING LOUDSPEAKER	CEILING LOUDSPEAKER ENCLOSURE	ABOVE LOUDSPEAKER
S7	CEILING LOUDSPEAKER	CEILING LOUDSPEAKER ENCLOSURE	FLUSH MOUNTED IN CEILING. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
SH	LOUDSPEAKER, HIGH CEILING	OCTAGONAL CEILING BOX	
SM	STAGE MANAGER CONNECTION PANEL	FIVE GANG ELECTRICAL BOX	PROJECT SWITCH HEIGHT
SP	DOWNSTAGE AV CONNECTION PANEL	12" X 12" X 6" TYPE 1 NEMA WALL BOX	PROJECT RECEPTACLE HEIGHT
TP2	BUTTON PANEL CONTROLLER	THREE GANG ELECTRICAL BOX	PROJECT SWITCH HEIGHT
USP	UPSTAGE AV CONNECTION PANEL	8" X 8" X 4" TYPE 1 NEMA WALL BOX	PROJECT RECEPTACLE HEIGHT
V	VOLUME CONTROL	ONE GANG ELECTRICAL BOX	PROJECT SWITCH HEIGHT
VC	VOLUME CONTROL	ONE GANG ELECTRICAL BOX	PROJECT SWITCH HEIGHT
VP	VIDEO PROJECTOR CONNECTION PANEL	ONE GANG ELECTRICAL BOX	ABOVE OR ADJACENT TO PROJECTOR
WA	WIRELESS ANTENNA CONNECTION	ONE GANG ELECTRICAL BOX	PER ARCHITECT
WB1	WALL BOX, TYPE 1	6" X 6" X 4" TYPE 1 NEMA WALL BOX6"	PROJECT RECEPTACLE HEIGHT
WB2	WALL BOX, TYPE 2	6" X 6" X 4" TYPE 1 NEMA WALL BOX6"	PROJECT RECEPTACLE HEIGHT
WGB	WALL BOX, GYM	6" X 6" X 4" TYPE 1 NEMA WALL BOX6"	PROJECT RECEPTACLE HEIGHT

PROJECTION SCREEN SCHEDULE

Location	IMAGE HEIGHT	IMAGE WIDTH	SCREEN MATERIAL
CABLE CLIMBER PROJECTION SCREEN			
AUDITORIUM	121 1/2"	216"	PER SPEC

ELECTRICAL DEVICE KEY

ELECTRICAL DEVICE NOTE:
1. 120V ELECTRICAL POWER DEVICES AND FLOOR BOXES ARE SHOWN FOR REFERENCE ONLY;
2. SUBSCRIPT AT RECEPTACLE INDICATES CIRCUIT ASSIGNMENT;
3. DO NOT SHARE CIRCUITS BETWEEN ROOMS, AND DO NOT SHARE WITH OTHER LOADS UNLESS INDICATED;
4. WHERE CIRCUIT ASSIGNMENT IS INDICATED, FEED CIRCUITS WITHIN A ROOM FROM A COMMON PANEL AND FROM A COMMON PHASE IN THAT PANEL.
WHERE SUBSCRIPT NOT SHOWN, ASSIGN CIRCUITS PER CODE REQUIREMENTS.

- A — DUPLEX 120VAC 20A 5-20 RECEPTACLE FLUSH MOUNTED IN WALL AT STANDARD RECEPTACLE HEIGHT UNLESS OTHERWISE INDICATED.
- DOUBLE DUPLEX 120VAC 20A 5-20 RECEPTACLE FLUSH MOUNTED IN WALL AT STANDARD RECEPTACLE HEIGHT UNLESS OTHERWISE INDICATED.
- SINGLE NEMA TYPE L5-30 120VAC 30A TWIST-LOCK RECEPTACLE MOUNTED AT PROJECT RECEPTACLE HEIGHT, UNLESS OTHERWISE NOTED.
- A — DUPLEX 120VAC 20A 5-20 RECEPTACLE FLUSH MOUNTED IN CEILING.
- DOUBLE DUPLEX 120VAC 20A 5-20 RECEPTACLE FLUSH MOUNTED IN CEILING.
- SINGLE NEMA TYPE L5-30 120V 30A TWIST-LOCK RECEPTACLE MOUNTED IN CEILING.
- FLEXIBLE CONNECTION TO 120VAC SERVICE. CIRCUIT PER CODE REQUIREMENTS.
- G — RAISED FLOOR GROMMET FOR AUDIOVISUAL CABLE PATHWAY, SIZE AS REQUIRED
- PROJECTION SCREEN UP/ DOWN SWITCH
- SS — 2" CONDUIT SLEEVE WITH FIRE STOPPING, HILTI SPEED SLEEVE CP 653. INSTALL 12" ABOVE LOWEST FINISHED CEILING

AV SYSTEMS DATA DEVICE KEY

DATA DEVICE NOTE:
1. DATA COMMUNICATION DEVICES ARE SHOWN FOR REFERENCE ONLY;
2. # SYMBOL INDICATE DATA CONNECTION QUALITY;
3. AV DRAWINGS INDICATE MINIMUM SERVICES REQUIRED TO SUPPORT AUDIOVISUAL SYSTEMS. PROVIDE ADDITIONAL SERVICES AS MAY BE REQUIRED FOR OTHER PURPOSES.

- D# ▼ — DATA CONNECTION, CAT6 OR PROJECT STANDARD, FLUSH MOUNTED IN WALL AT STANDARD RECEPTACLE HEIGHT UNLESS OTHERWISE NOTED.
- D# ▼ — DATA CONNECTION, CAT6 OR PROJECT STANDARD, FLUSH MOUNTED IN CEILING AT AUDIOVISUAL SYSTEM DEVICE.
- D# — DATA CONNECTION, CAT6 OR PROJECT STANDARD, WITHIN AUDIOVISUAL SYSTEMS DEVICE. PROVIDE 48" FREE CABLE TERMINATED WITH MALE RJ45 CONNECTOR. COORDINATE INSTALLATION WITH AV SYSTEMS CONTRACTOR.
- D# ▼ — DATA CONNECTION, CAT6 OR PROJECT STANDARD, ON AV SYSTEMS FACEPLATE. PROVIDE 18" FREE CABLE TERMINATED WITH MALE RJ45 CONNECTOR. FACEPLATE WITH RUGGEDIZEDRJ45 CONNECTORS BY AV SYSTEMS CONTRACTOR. COORDINATE INSTALLATION WITH AV SYSTEMS CONTRACTOR.
- F# ▼ — DUPLEX FIBER OPTIC DATA UPLINK TO REMOTE NETWORK SWITCH.

AV SHEET LIST

SHEET NUMBER	SHEET NAME
AV000	AUDIOVISUAL SYSTEMS NOTES AND SCHEDULES
AV001	AUDIOVISUAL CONDUIT RISER DIAGRAMS
AV101.1	AUDIOVISUAL PLAN - LEVEL 1 - A WING
AV101.2	AUDIOVISUAL PLAN - LEVEL 1 - B WING
AV101.3	AUDIOVISUAL PLAN - LEVEL 1 - C SPINE
AV101.5	AUDIOVISUAL PLAN - LEVEL 1 - E WING
AV102.1	AUDIOVISUAL PLAN - LEVEL 2 - A WING
AV131.1	AUDIOVISUAL RCP - LEVEL 1 - A WING
AV131.2	AUDIOVISUAL RCP - LEVEL 1 - B WING
AV131.3	AUDIOVISUAL RCP - LEVEL 1 & 2 - C SPINE
AV131.5	AUDIOVISUAL RCP - LEVEL 1 - E WING
AV160.1	AUDIOVISUAL RCP - LEVEL 2 - A WING
AV201	AUDIOVISUAL SECTIONS
AV700	AUDIOVISUAL FUNCTIONAL DIAGRAM - KEYS AND NOTES
AV701	AUDIOVISUAL FUNCTIONAL DIAGRAM - AUDITORIUM
AV702	AUDIOVISUAL FUNCTIONAL DIAGRAMS - AUDITORIUM
AV703	AUDIOVISUAL FUNCTIONAL DIAGRAMS - AUDITORIUM
AV704	AUDIOVISUAL FUNCTIONAL DIAGRAM - GYM
AV705	AUDIOVISUAL FUNCTIONAL DIAGRAM - LARGE GROUP SPACE, MUSIC CLASSROOM AND CAFETERIA

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

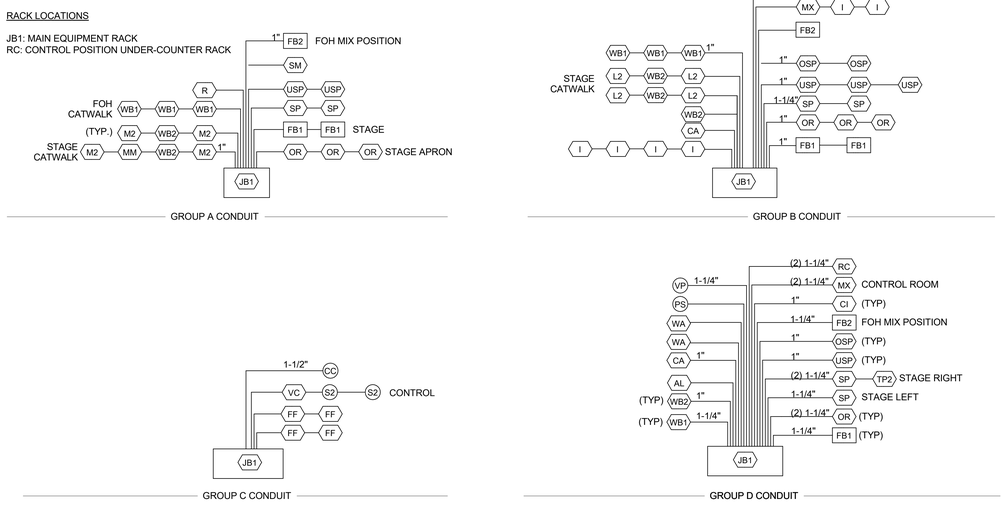
AUDIOVISUAL SYSTEMS NOTES AND SCHEDULES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

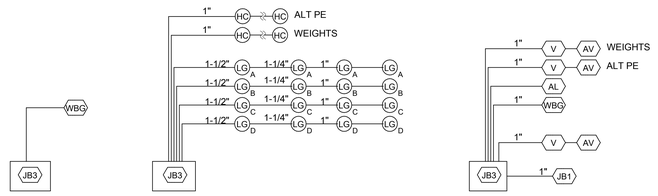
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	12" = 1'-0"
DRAWN BY:	Author
REVISIONS:	

DD SET

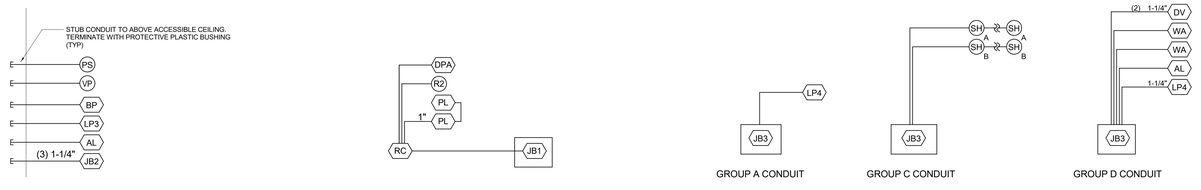
AV000



1 AUDIOVISUAL CONDUIT RISER DIAGRAMS - AUDITORIUM
NTS



2 AUDIOVISUAL CONDUIT RISER DIAGRAMS - GYM
NTS



3 AUDIOVISUAL CONDUIT RISER DIAGRAMS - LARGE GROUP
NTS

4 AUDIOVISUAL CONDUIT RISER DIAGRAMS - MUSIC CLASSROOM
NTS

5 AUDIOVISUAL CONDUIT RISER DIAGRAMS - CAFETERIA
NTS

CONDUIT RISER KEY

E.M.T. OR RIGID METALLIC CONDUIT

1-1/4" CONDUIT TRADE SIZE (MIN. 3/4")

CONDUIT STUB INTO ACCESSIBLE CEILING, TERMINATED WITH INSULATED THROAT AND BUSHING

LOOP CONDUIT BETWEEN REMAINING LOUDSPEAKERS OR JUNCTION BOXES

AUDIOVISUAL CONDUIT SEPARATION DISTANCES TABLE

GROUP	SIGNALS TYPES	GROUP A	GROUP B	GROUP C	GROUP D
A	MICROPHONE	ADJACENT	6"	18"	12"
B	LINE LEVEL ANALOG AUDIO AND VIDEO	6"	ADJACENT	12"	12"
C	LOUDSPEAKER LEVEL	18"	12"	ADJACENT	3"
D	DATA, CONTROL, DIGITAL VIDEO	12"	12"	3"	ADJACENT
120VAC POWER		24"	18"	9"	9"
277VAC POWER		38"	24"	12"	12"
DIMMED POWER		36"	24"	12"	12"
NON-AV LOW-VOLTAGE		12"	6"	ADJACENT	ADJACENT

AV SYSTEM ELECTRICAL NOTES

1. ALL CONDUIT TO BE FERROUS METAL (E.G., STEEL).
2. INSTALL ALL CONDUIT AND DEVICE BOXES DESCRIBED ON THIS DRAWING AND OTHER AVE SERIES DRAWINGS FOR USE BY AUDIOVISUAL EQUIPMENT. AUDIOVISUAL EQUIPMENT TYPICALLY PROVIDED BY AV CONTRACTOR. COORDINATE REQUIREMENTS WITH OWNER'S DESIGNATED REPRESENTATIVE.
3. ELECTRICAL METALLIC TUBING (EMT) MAY BE SUBSTITUTED FOR RIGID CONDUIT AS APPROPRIATE FOR CONSTRUCTION ENVIRONMENT.
4. ALL CONDUITS SHOWN ARE FOR AUDIO-VISUAL SERVICE; DO NOT EMPLOY FOR POWER OR TEL/DATA SERVICE. PROVIDE ADDITIONAL CONDUITS AS MAY BE REQUIRED FOR POWER OR TEL/DATA SERVICE. PROVIDE BLANK COVER PLATES ON ALL ITEMS. AV CONTRACTOR TO INSTALL FINISHED PLATES WITH CONNECTORS.
5. CONDUIT RUN IN AND BELOW CONCRETE SLABS ON GRADE TO BE PVC COATED STEEL.
6. STUB CONDUITS FROM BOXES TO NEAREST ACCESSIBLE CEILING SPACE.
7. ALL CONDUIT FOR PATCHABLE STRUCTURED CABLING UNDER TECHNOLOGY.
8. INTERMEDIATE MARSHALLING BOXES FOR THE GROUPING OF HOME RUN CONDUITS ARE ACCEPTABLE. CONTRACTOR RESPONSIBLE FOR MAINTAINING CONDUIT CAPACITY AND PULL BOX SIZE. USE 30% FILL FOR CONDUIT SIZE CALCULATIONS.
9. RUN ALL HOME RUNS TO JUNCTION BOXES.
10. FOR RECESS-MOUNTED GANG BOXES USE RACO 3-1/2" DEEP STEEL BACK BOXES OR EQUAL.
11. FOR SURFACE- AND PIPE-MOUNTED GANG BOXES USE FSR SMWB, LEVITON BKBOX SERIES SURFACE MOUNT POWDER-COATED STEEL BOX OR EQUAL BY ELECTRONIC THEATRE CONTROLS.
12. PROVIDE BLANK COVER PLATES FOR ALL ITEMS. AV CONTRACTOR TO FURNISH AND INSTALL FINISHED PLATES WITH CONNECTORS.
13. USE SEPARATE STEEL CONDUITS FOR MICROPHONE-LEVEL CIRCUITS (BELOW -20 DBM), LINE-LEVEL CIRCUITS (UP TO +30 DBM), LOUDSPEAKER CIRCUITS (ABOVE +30 DBM), CONTROL CIRCUITS, DATA CIRCUITS, VIDEO CIRCUITS AND POWER CIRCUITS. USE AUDIO CONDUIT THAT IS SPACED AT LEAST 12 INCHES AWAY FROM POWER CONDUIT. INSULATE ALL CONDUIT FROM THE EQUIPMENT RACK(S); GROUND CONDUIT ONLY TO POWER SYSTEM GROUND. DO NOT SPLICE LINES IN CONDUIT. CONNECT EACH INPUT RECEPTACLE BY AN INDIVIDUAL, INSULATED LINE TO THE SYSTEM EQUIPMENT RACK.
14. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS AND CONDUIT SIZE.
15. PROVIDE ALL EMPTY CONDUITS WITH PULL-STRINGS.
16. PROVIDE PULL BOX AFTER 180 DEGREES OF CONDUIT BEND OR EVERY 100'.
17. ELECTRICAL CONTRACTOR TO PROVIDE ALL STANDARD ELECTRICAL BACK BOXES AND FLOOR BOXES.
18. AUDIOVISUAL CONTRACTOR TO PROVIDE CUSTOM AUDIOVISUAL FACEPLATES.
19. REFERENCE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND DETAILS.
20. PROVIDE DRY CONTACT CLOSURE FROM FIRE ALARM SYSTEM TO INITIATE AV SYSTEM SHUTDOWN IN THE EVENT OF FIRE.

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

AUDIOVISUAL CONDUIT RISER DIAGRAMS

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

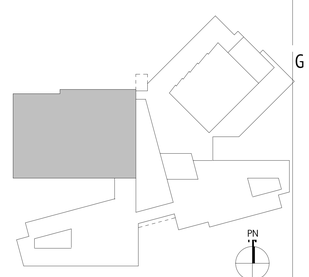
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JMM
REVISIONS:	

DD SET

AV001



1 AUDIOVISUAL PLAN - LEVEL 1 - A WING
1/8" = 1'-0"



KEY PLAN - A WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGH TOCCI

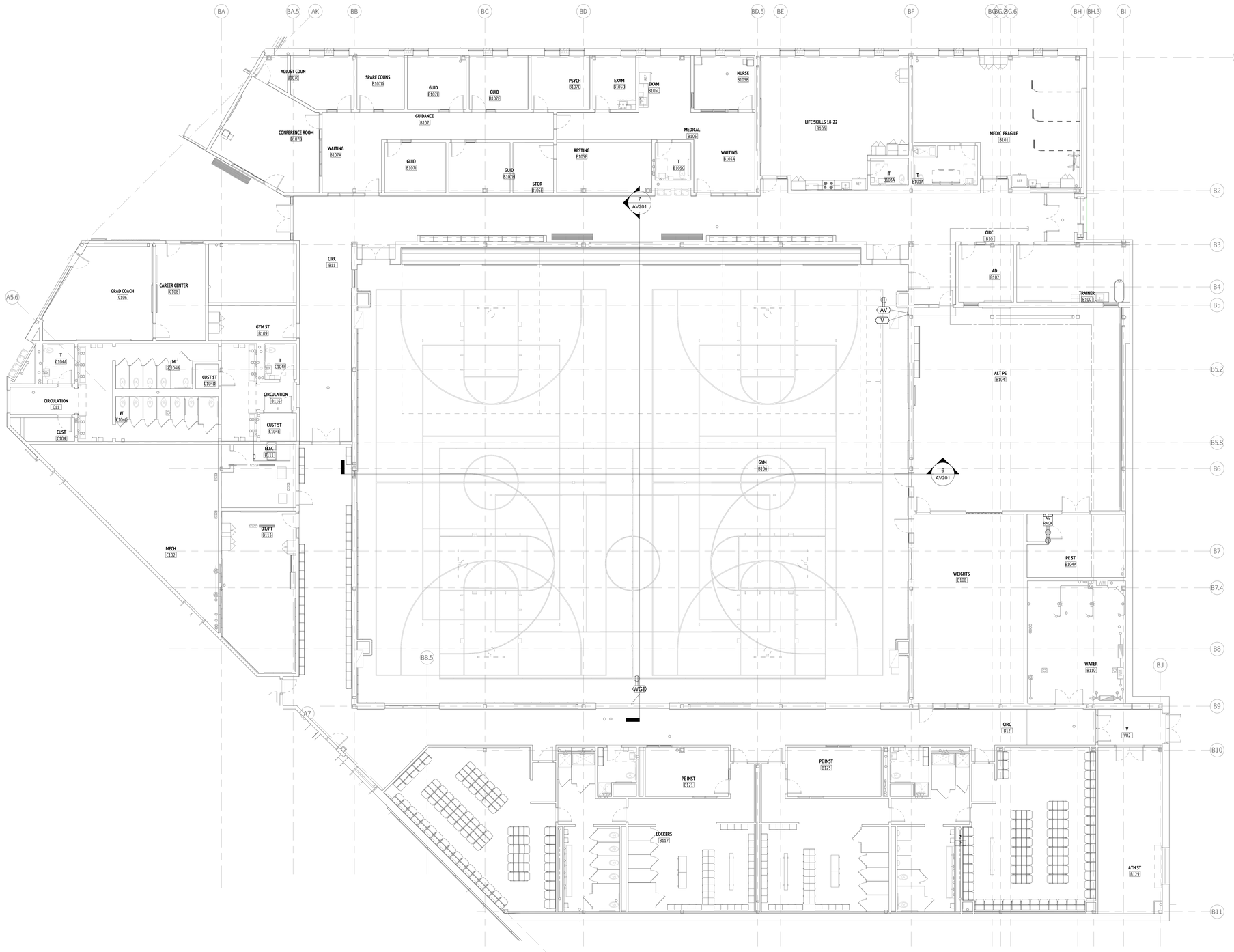
AUDIOVISUAL PLAN - LEVEL 1 - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

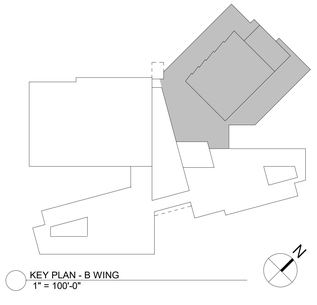
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

AV101.1



1 AUDIOVISUAL PLAN - LEVEL 1 - B WING
1/8" = 1'-0"



KEY PLAN - B WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CAVANAUGHTOCCI

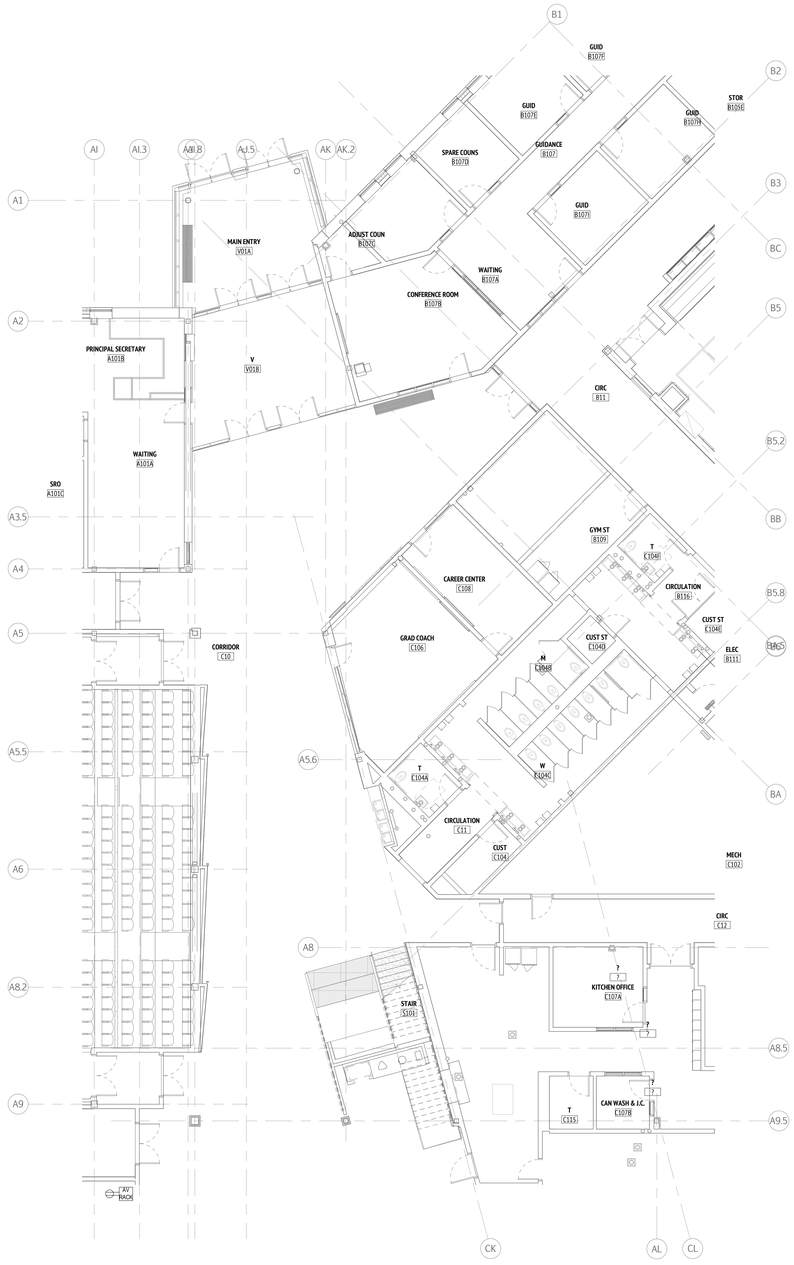
EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

AUDIOVISUAL PLAN - LEVEL 1 - B WING

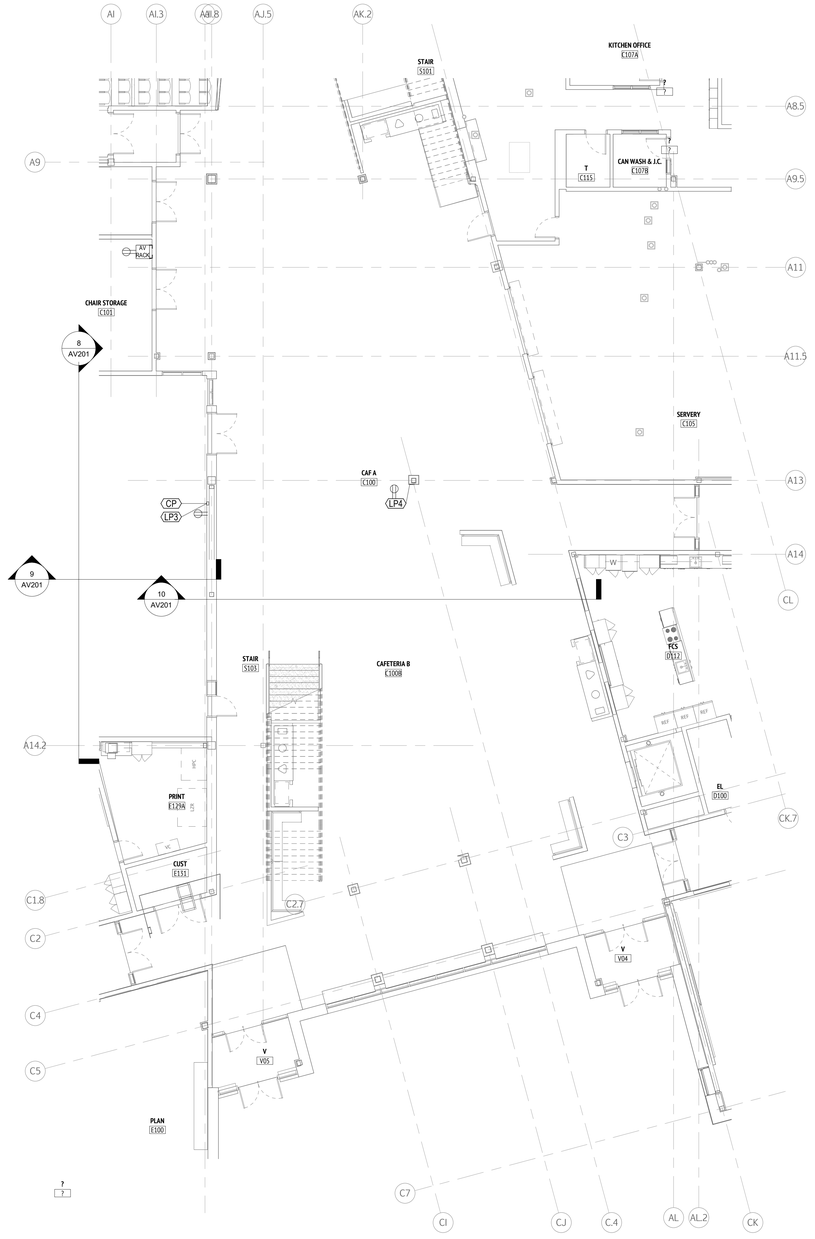
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

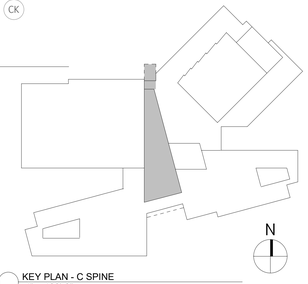
AV101.2



1 AUDIOVISUAL PLAN - LEVEL 1 - C NORTH
1/8" = 1'-0"



2 AUDIOVISUAL PLAN - LEVEL 1 - C SOUTH
1/8" = 1'-0"



KEY PLAN - C SPINE
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

AUDIOVISUAL PLAN - LEVEL 1 - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

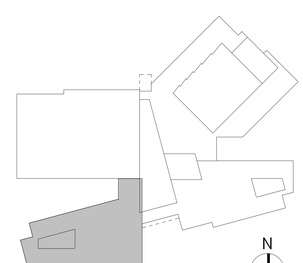
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

AV101.3



1 AUDIOVISUAL PLAN - LEVEL 1 - E WING
1/8" = 1'-0"



KEY PLAN - E WING
1" = 100'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

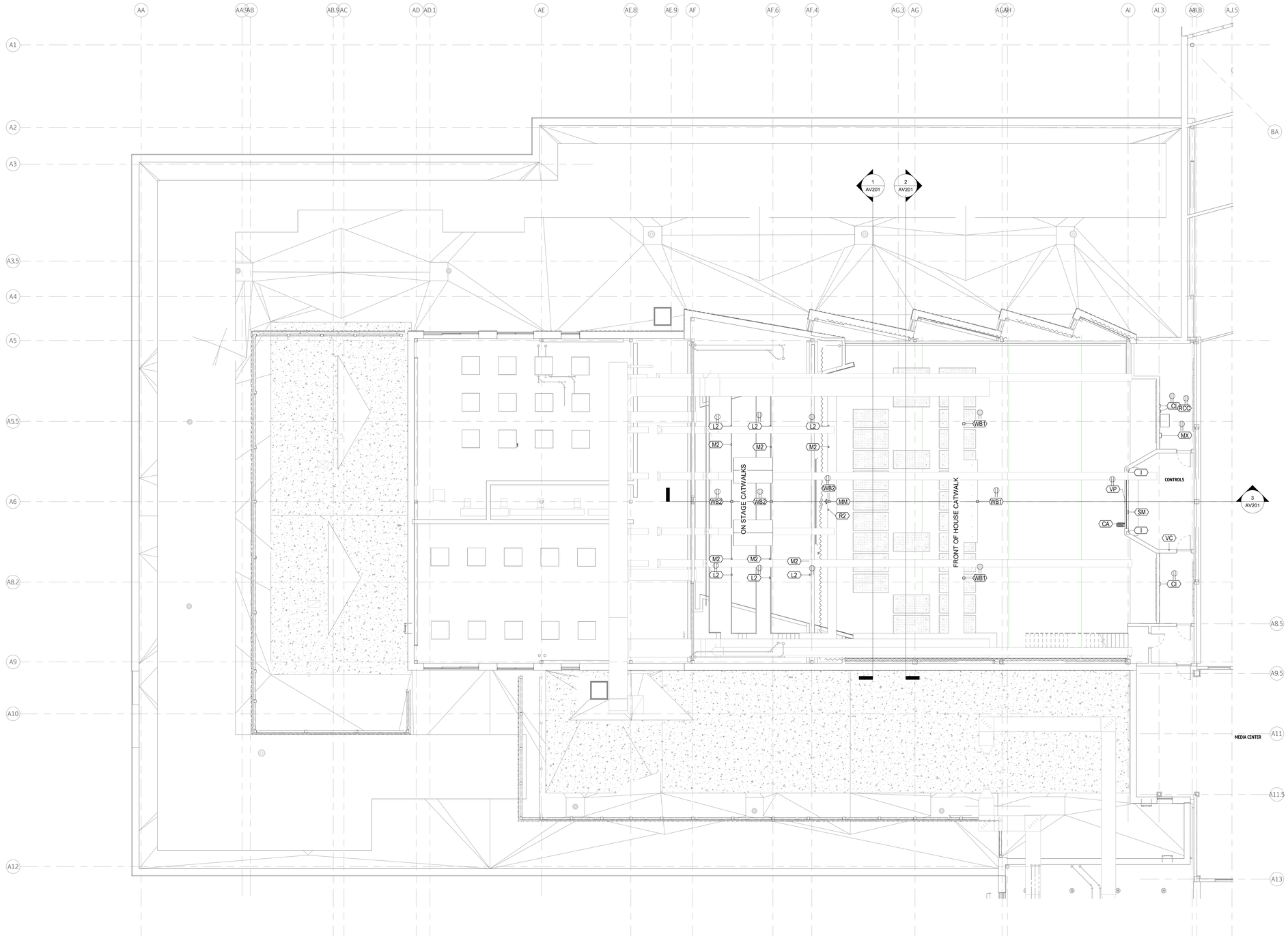
AUDIOVISUAL PLAN - LEVEL 1 - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

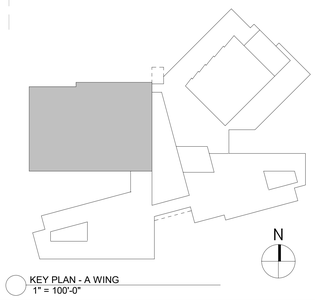
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

AV101.5



1 AUDIOVISUAL PLAN - LEVEL 2 - A WING
1/8" = 1'-0"



KEY PLAN - A WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

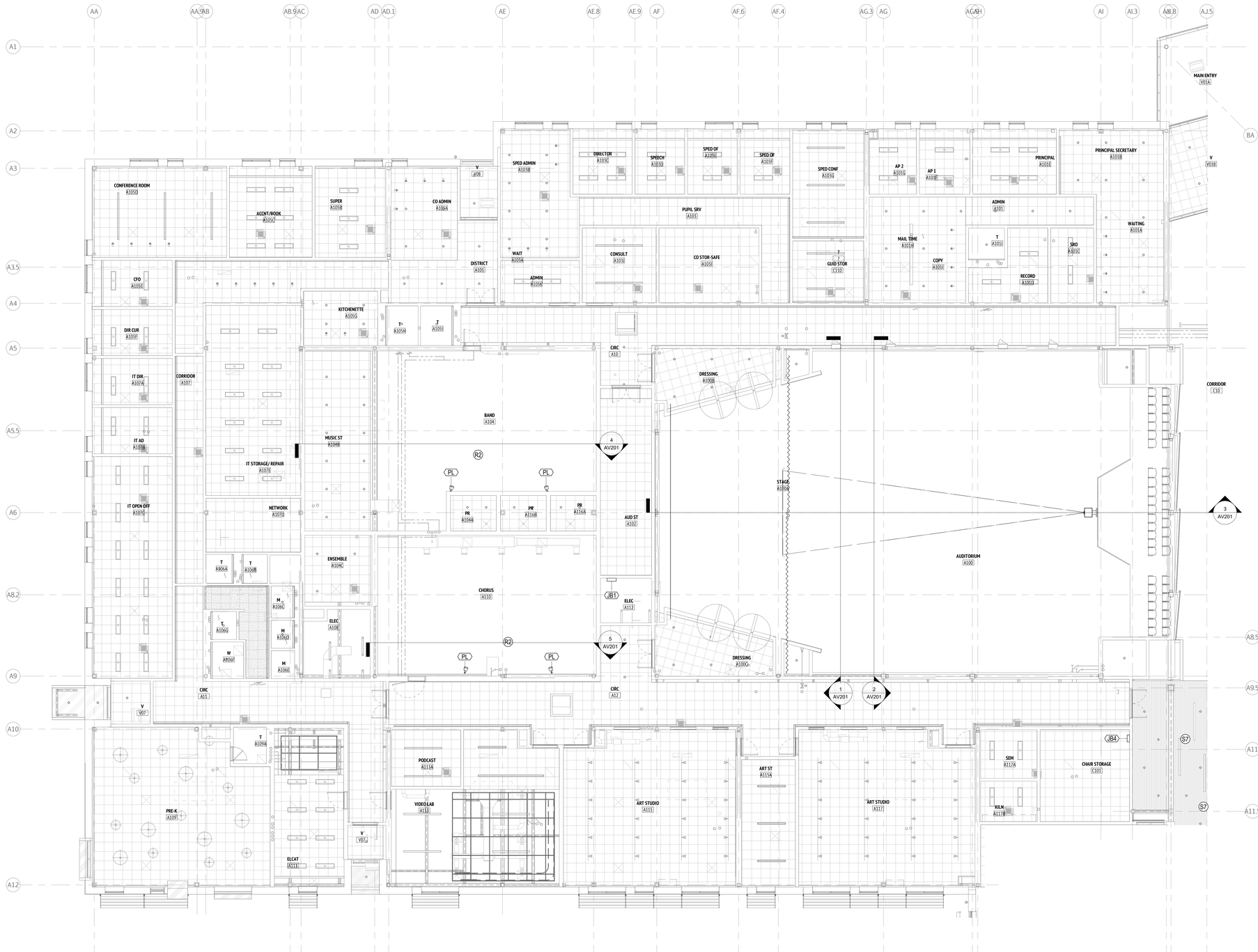
AUDIOVISUAL PLAN - LEVEL 2 - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

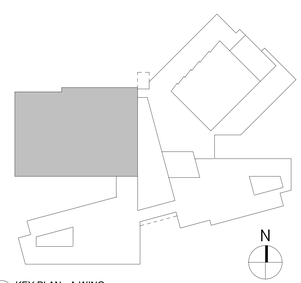
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	JMM
REVISIONS:	

DD SET

AV102.1



1 AUDIOVISUAL RCP - LEVEL 1 - A WING
1/8" = 1'-0"



KEY PLAN - A WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

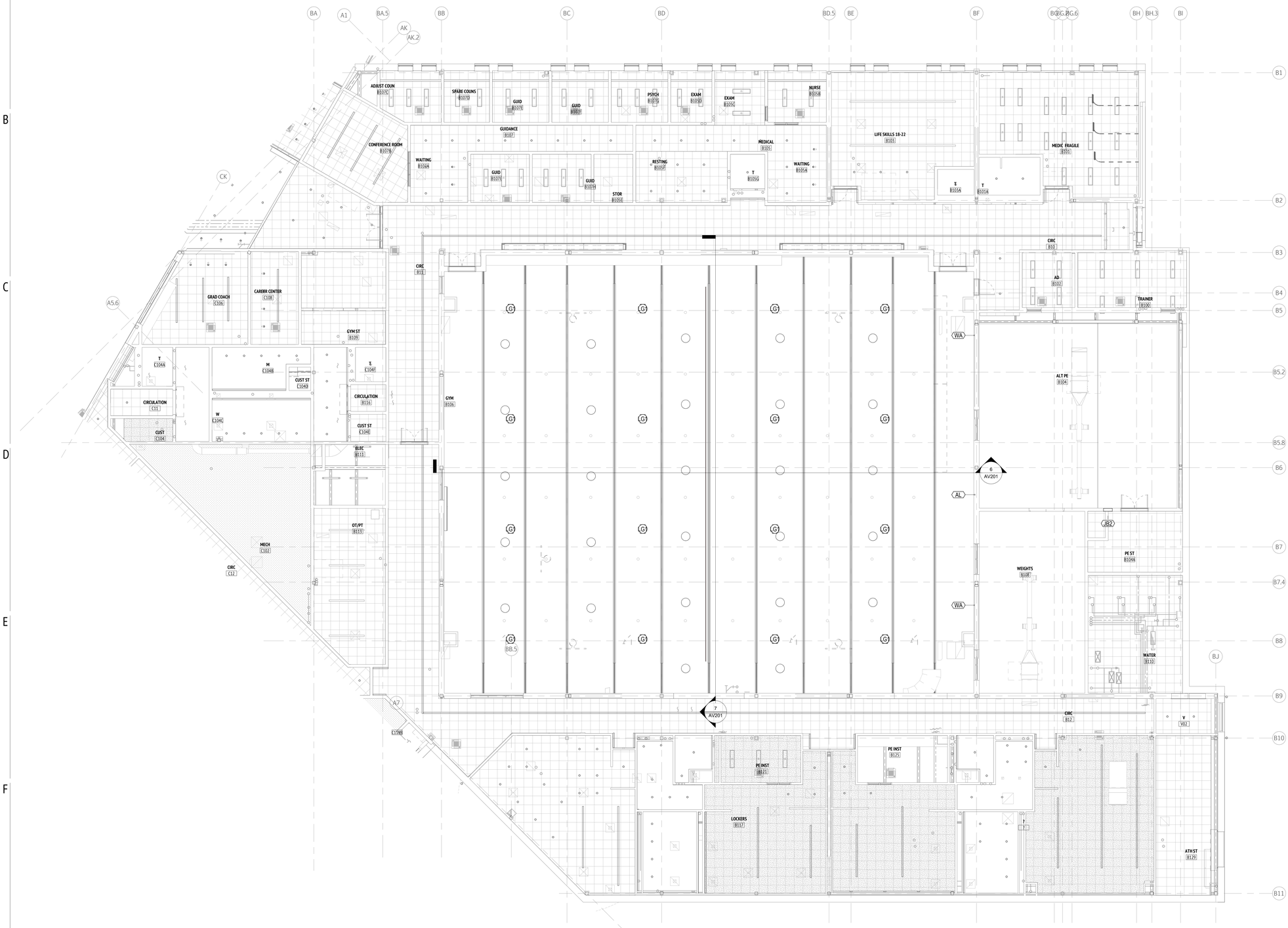
AUDIOVISUAL RCP - LEVEL 1 - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

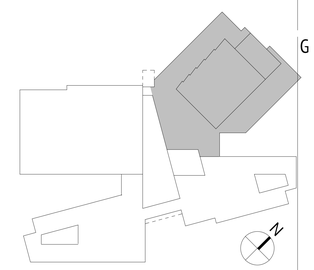
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

AV131.1



1 AUDIOVISUAL RCP - LEVEL 1 - B WING
1/8" = 1'-0"



KEY PLAN - B WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

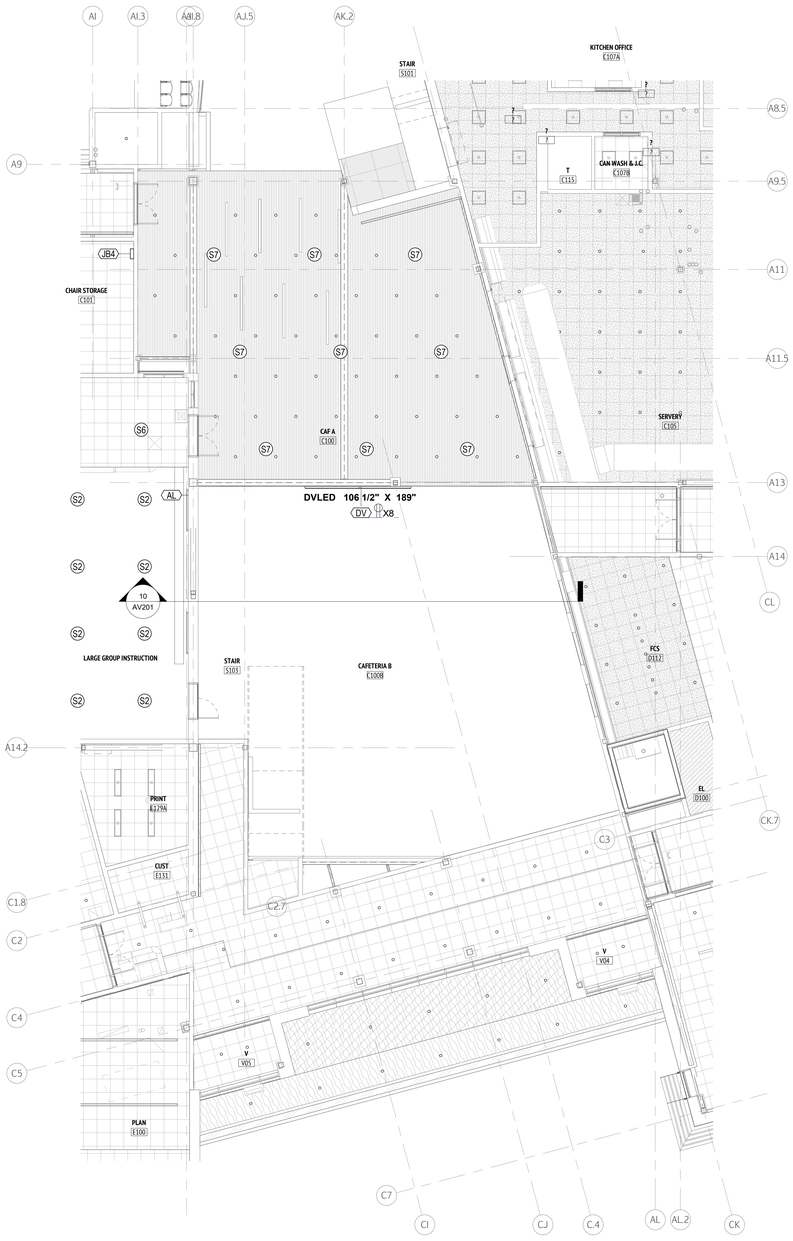
AUDIOVISUAL RCP - LEVEL 1 - B WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

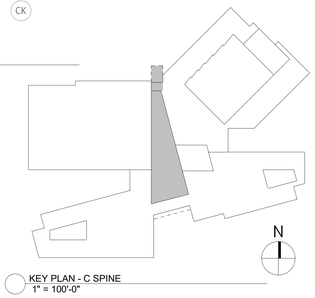
AV131.2



1 AUDIOVISUAL RCP - LEVEL 1 - SOUTH
1/8" = 1'-0"



2 AUDIOVISUAL RCP - LEVEL 2 - C SOUTH
1/8" = 1'-0"



KEY PLAN - C SPINE
1" = 100'-0"

JWA
JONES WHITSETT
ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

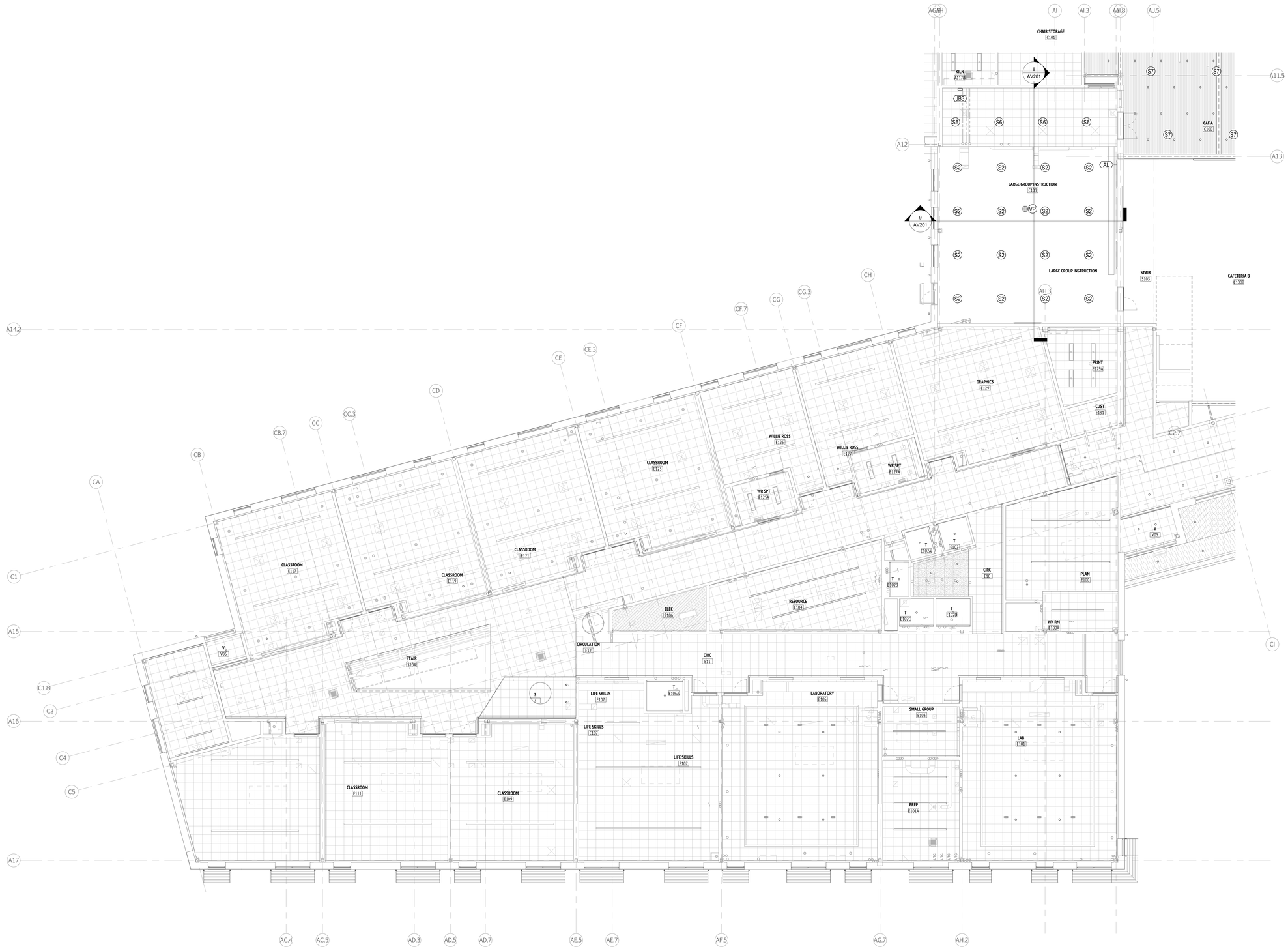
AUDIOVISUAL RCP - LEVEL 1 & 2 - C SPINE

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

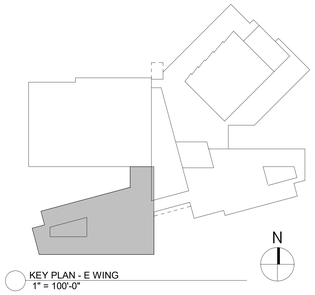
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

AV131.3



1 AUDIOVISUAL RCP - LEVEL 1 - E WING
1/8" = 1'-0"



KEY PLAN - E WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGH TOCCI

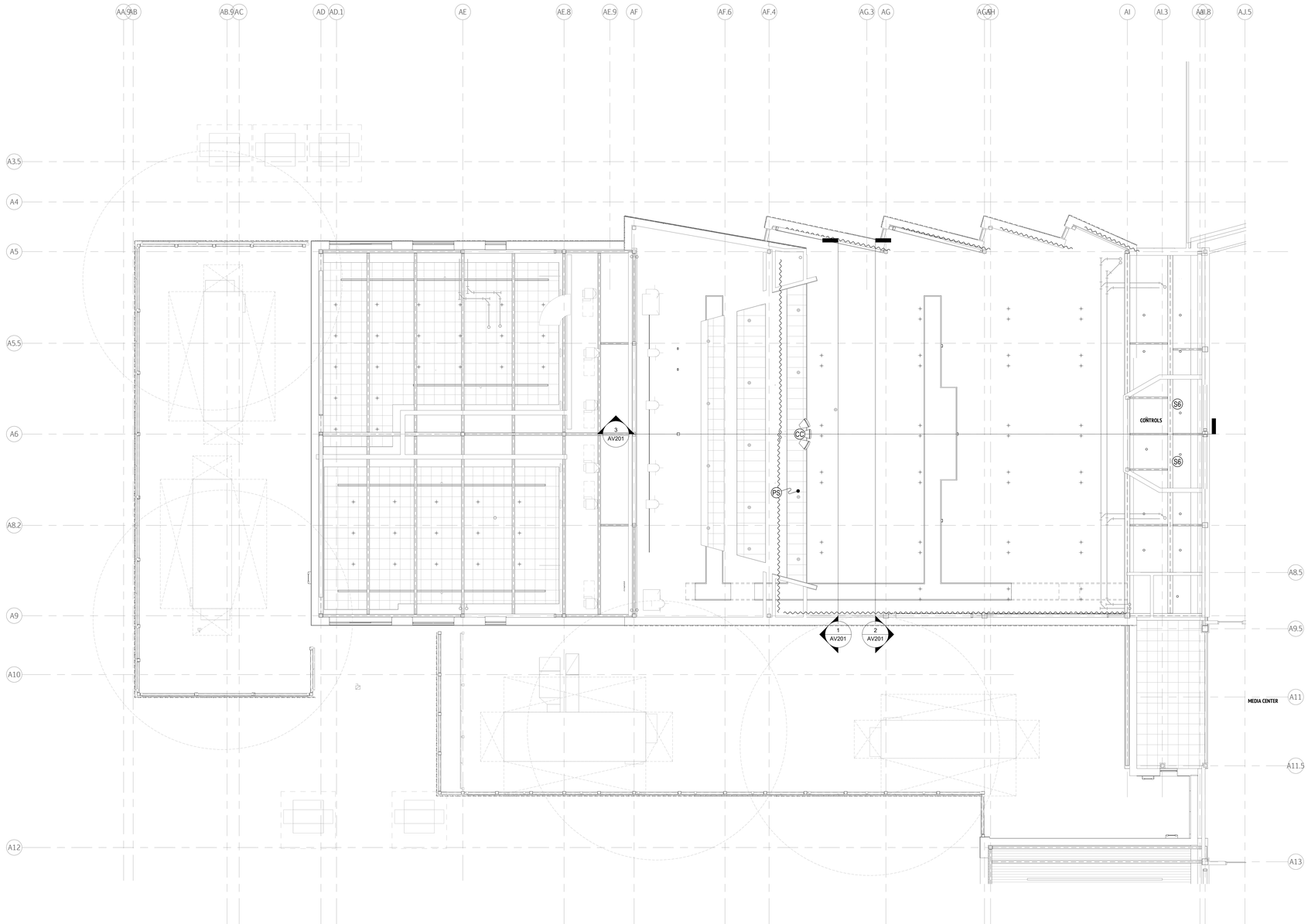
AUDIOVISUAL RCP - LEVEL 1 - E WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

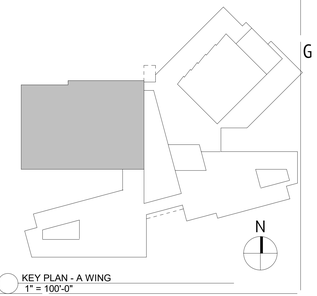
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

AV131.5



1 AUDIOVISUAL RCP - LEVEL 2 - A WING
1/8" = 1'-0"



KEY PLAN - A WING
1" = 100'-0"

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGH TOCCI

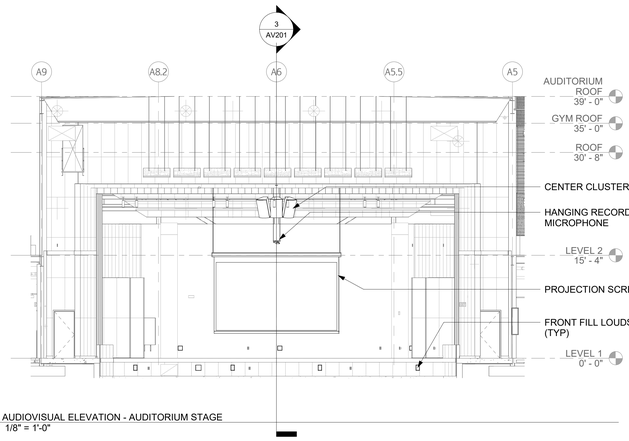
AUDIOVISUAL RCP - LEVEL 2 - A WING

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

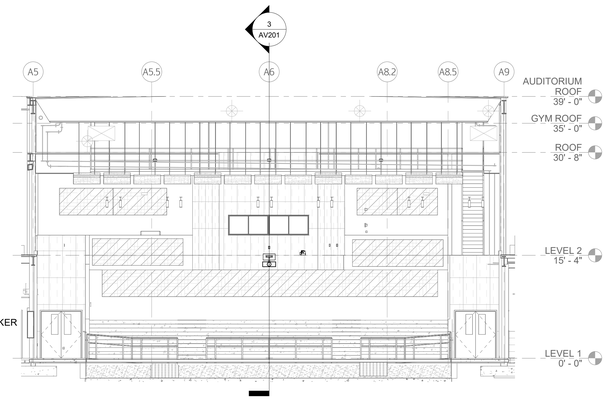
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	As indicated
DRAWN BY:	Author
REVISIONS:	

DD SET

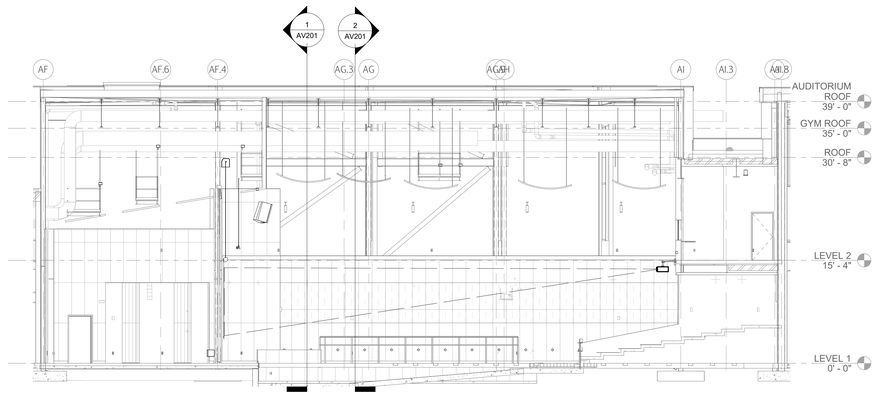
AV160.1



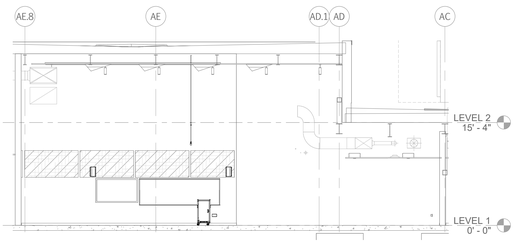
1 AUDIOVISUAL ELEVATION - AUDITORIUM STAGE
1/8" = 1'-0"



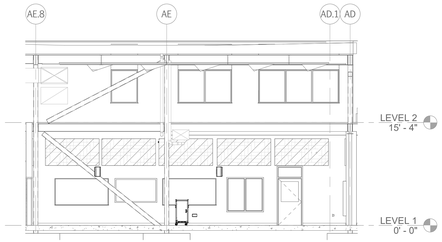
2 AUDIOVISUAL ELEVATION - AUDITORIUM SEATING AREA
1/8" = 1'-0"



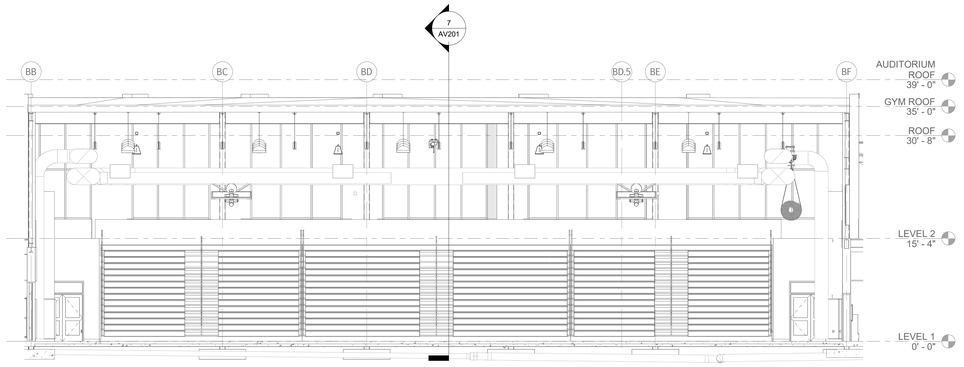
3 AUDITORIUM CENTERLINE SECTION
1/8" = 1'-0"



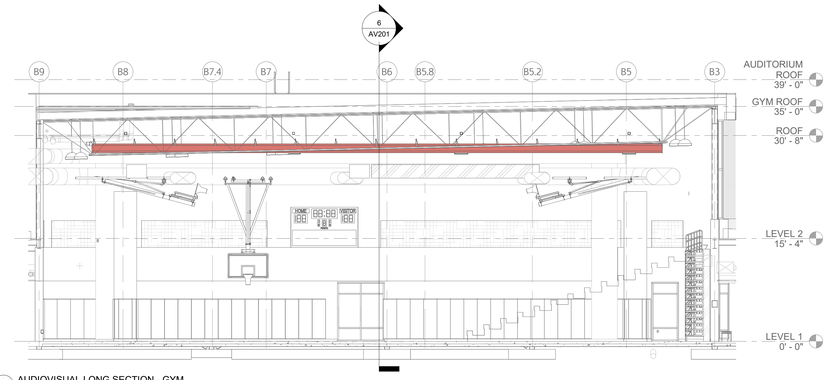
4 AUDIOVISUAL ELEVATION - BAND ROOM
1/8" = 1'-0"



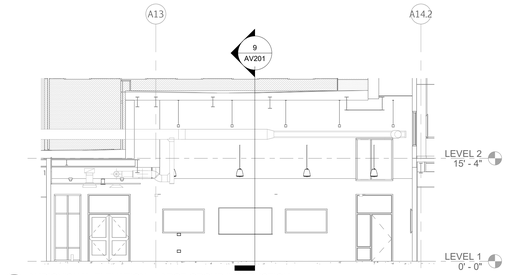
5 AUDIOVISUAL ELEVATION - CHORUS ROOM
1/8" = 1'-0"



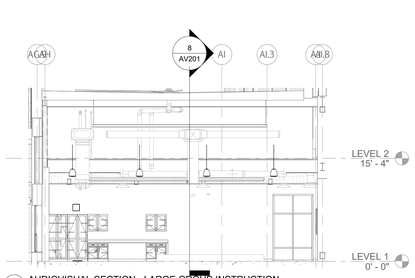
6 AUDIOVISUAL ELEVATION - GYM
1/8" = 1'-0"



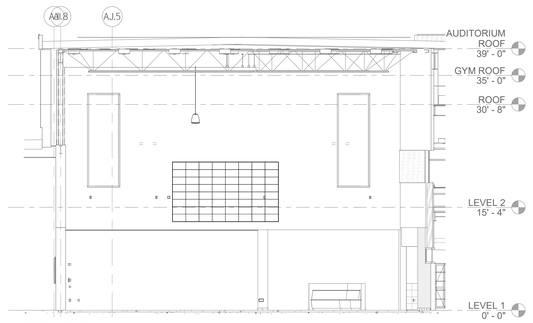
7 AUDIOVISUAL LONG SECTION - GYM
1/8" = 1'-0"



8 AUDIOVISUAL ELEVATION - LARGE GROUP INSTRUCTION
1/8" = 1'-0"



9 AUDIOVISUAL SECTION - LARGE GROUP INSTRUCTION
1/8" = 1'-0"



10 CAFETERIA DISPLAY WALL
1/8" = 1'-0"

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGH TOCCI

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

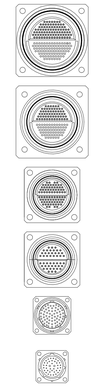
AUDIOVISUAL SECTIONS

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	1/8" = 1'-0"
DRAWN BY:	JMM
REVISIONS:	

DD SET

AV201

PANEL CONNECTOR KEY



MULTI-PIN, 58 PAIR

MULTI-PIN, 40 PAIR

MULTI-PIN, 28 PAIR

MULTI-PIN, 16 PAIR

MULTI-PIN, 20 PAIR

MULTI-PIN, 12 PAIR

D-PUNCH BLANK

NEUTRIK NL4

XLR 3-PIN FEMALE LATCHING

XLR 3-PIN FEMALE NON-LATCHING

XLR 3-PIN MALE

XLR 4-PIN FEMALE

XLR 4-PIN MALE

XLR 5-PIN FEMALE

XLR 5-PIN MALE

XLR 6-PIN FEMALE

XLR 6-PIN MALE

XLR 7-PIN FEMALE LATCHING

XLR 7-PIN MALE

RCA JACK D-PUNCH

1/4" T.R.S. JACK

1/8" STEREO JACK

ETHERCON RJ-45

FIBERCON LC

75 OHM BNC

F CONNECTOR D-PUNCH

COMBO JACK

COLOR-CODING RING

USB

FIREWIRE/1394A

S-VIDEO

DB-9

DB-15 VGA

RCA JACK

STRAIGHT TIP FIBER OPTIC

DVI

CONNECTOR KEY

- RCA JACK, FEMALE
- 1/4" T.R.S. JACK, FEMALE
- 1/8" STEREO JACK, FEMALE
- XLR 3-PIN, FEMALE
- XLR 3-PIN, MALE
- XLR 4-PIN, FEMALE
- XLR 4-PIN, MALE
- XLR 5-PIN, FEMALE
- XLR 5-PIN, MALE
- XLR 6-PIN, FEMALE
- XLR 6-PIN, MALE
- XLR 7-PIN, FEMALE
- XLR 7-PIN, MALE
- COMBO JACK, FEMALE
- NEUTRIK NL4
- 1/4" T.R.S. JACK, CABLE MOUNT
- 1/8" STEREO JACK, CABLE MOUNT
- XXP MULTI-PIN (PAIRS INDICATED)
- F CONNECTOR
- 75 OHM BNC
- ST STRAIGHT TIP FIBER OPTIC
- DI DVI-I
- HD HDMI
- VG DB-15 VGA
- SV S-VIDEO
- LC FIBERCON LC CONNECTOR
- U USB
- FW FIREWIRE
- E ETHERCON RJ-45
- DB DB-9

DEVICE KEY

- NON-NORMALLED OUTPUT JACK
- NON-NORMALLED INPUT JACK
- FULL-NORMALLED PATCH JACK PAIR
- HALF/MONITOR-NORMALLED PATCH JACK PAIR
- HALF/MONITOR PATCH JACK
- TERMINAL STRIP
- TWO POSITION TOGGLE SWITCH
- MOMENTARY SWITCH, NORMALLY OPEN
- DUAL BINDING POST TEST JACK
- RESISTOR
- 10k POTENTIOMETER
- LOUDSPEAKER ATTENUATOR
- FLEXIBLE CABLE
- ANTENNA
- TRANSFORMER
- 2-WAY MICROPHONE SPLITTER
- 3-WAY MICROPHONE SPLITTER
- ROCKER SWITCH
- INDICATES REVERSE DIRECTION OF SIGNAL FLOW
- MICROPHONE
- AMPLIFIER / DISTRIBUTION AMPLIFIER

SIGNAL TYPE KEY

- MIC/LINE LEVEL AUDIO
- DIGITAL AUDIO
- LOUDSPEAKER LEVEL
- CONTROL / DATA
- LOW VOLTAGE POWER
- FIBER OPTIC
- MATV/RF
- LINE LEVEL VIDEO
- DIGITAL VIDEO
- EXISTING MIC/LINE LEVEL AUDIO

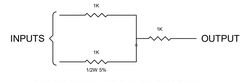
LOUDSPEAKER KEY

- 3-WAY FULL RANGE LOUDSPEAKER
- SUBWOOFER
- 2-WAY FULL RANGE LOUDSPEAKER WITH HORN-LOADED HF DRIVER
- FRONT-FILL LOUDSPEAKER
- FRONT-FILL LOUDSPEAKER
- FLUSH-MOUNTED CEILING 70V LOUDSPEAKER
- FLUSH-MOUNTED LONG-THROW CEILING 70V LOUDSPEAKER
- PARTIALLY FLUSH CEILING-MOUNTED 70V LOUDSPEAKER WITH ADJUSTABLE HORN
- PENDANT-MOUNTED CEILING 70V LOUDSPEAKER
- 2-WAY FULL RANGE LOUDSPEAKER WITH DOME TWEETER
- 2-WAY FULL RANGE LOUDSPEAKER WITH HORN-LOADED HF DRIVER
- POWERED MONITOR LOUDSPEAKER

REFERENCE KEY

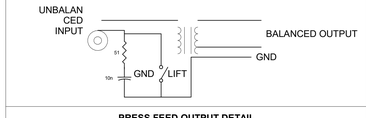
- SIGNAL REF / DWG REF — SIGNAL LINK FROM OFF SHEET
- SIGNAL REF / DWG REF — SIGNAL LINK TO OFF SHEET
- A — SIGNAL LINK WITHIN SHEET
- A — SIGNAL CONTENT - REFERENCE TABLE

RESISTIVE SUMMER DETAIL

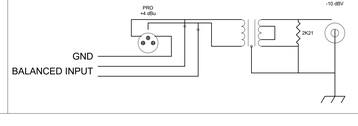


1. FOR BALANCED AUDIO LINES, SUM BOTH SIDES OF INPUTS WITHOUT INVERTING POLARITY.
2. RDL COMBINING NETWORK IS AN ACCEPTABLE SUBSTITUTE.

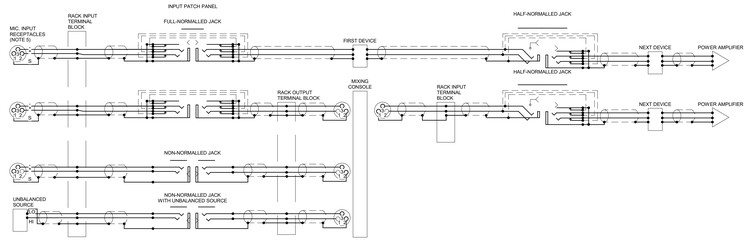
AUDIOVISUAL INPUT DETAIL



PRESS FEED OUTPUT DETAIL

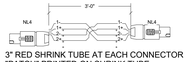


SIGNAL GROUNDING DETAIL



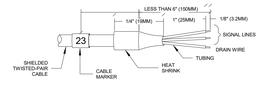
1. ALL LINES ARE BALANCED CIRCUITS, EXCEPT AS NOTED.
2. DASHED LINE INDICATE NORMALLED CONNECTIONS.
3. AUDIO SHIELDS SHALL BE CONNECTED AT DEVICE INPUTS AND OUTPUTS. SHIELDS MAY BE LIFTED AT DEVICE INPUTS TO BREAK GROUND LOOPS.
4. DO NOT BUS SHIELDS, EXCEPT AS SHOWN.
5. DO NOT CONNECT SHIELDS TO DEVICE CHASSIS IF SHIELDS ARE GROUNDED ELSEWHERE AS SHOWN.
6. MAINTAIN ELECTRICAL ISOLATION OF SHIELD FROM CONDUIT, ELECTRICAL BOXES AND PANELS.
7. TYPICAL EQUIPMENT ARRANGEMENT SHOWN. REFERENCE SYSTEM SCHEMATIC DRAWINGS FOR ACTUAL ARRANGEMENT.

LOUDSPEAKER PATCH CABLE DETAIL



3" RED SHRINK TUBE AT EACH CONNECTOR
"PATCH" PRINTED ON SHRINK TUBE

BALANCED AUDIO CABLE TERMINATION DETAIL



JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

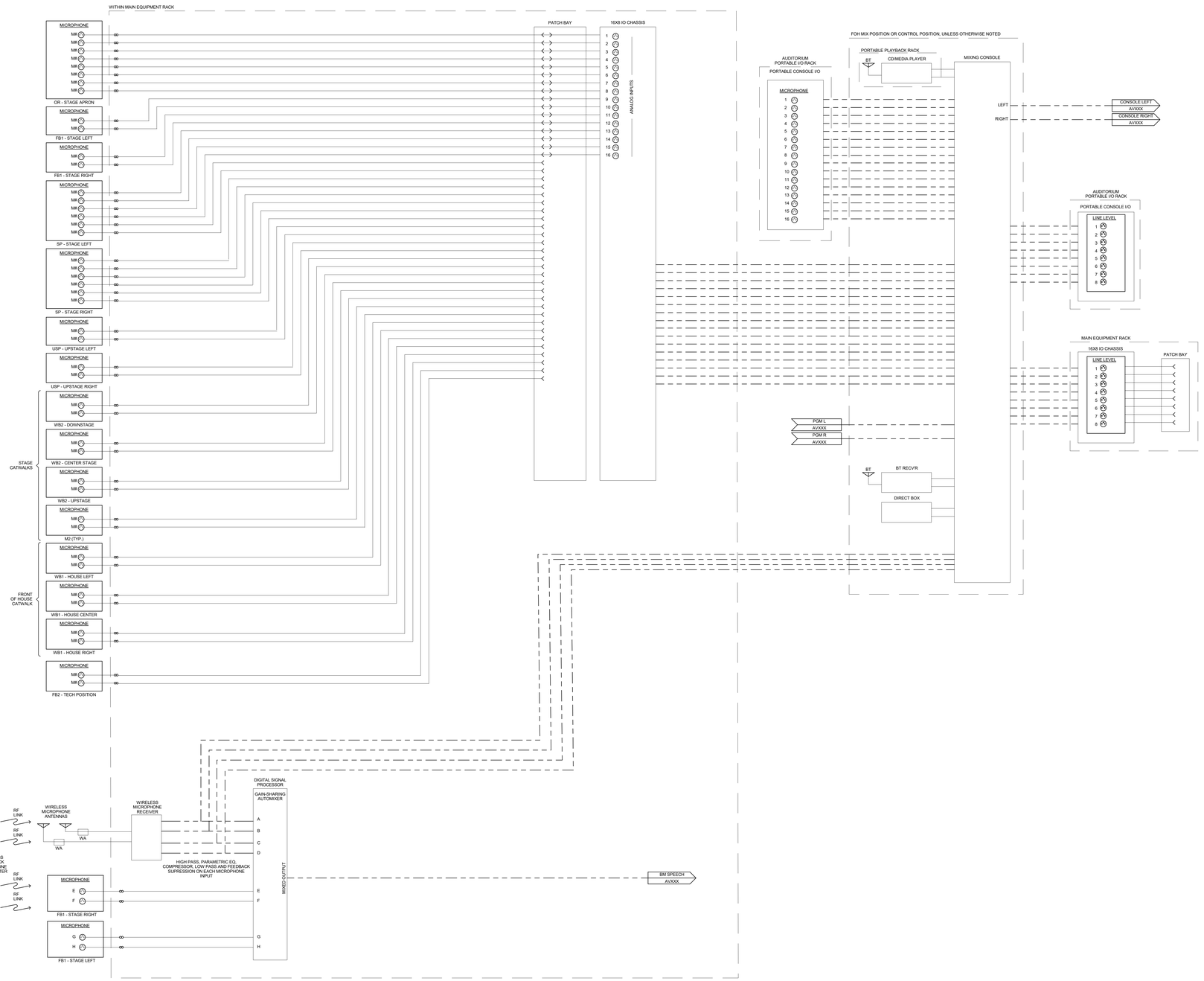
AUDIOVISUAL FUNCTIONAL DIAGRAM - KEYS AND NOTES

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	6" = 1'-0"
DRAWN BY:	JMM
REVISIONS:	

DD SET

AV700



1 AUDIOVISUIAL FUNCTIONAL DIAGRAM - AUDITORIUM AUDIO INPUTS
NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGHTOCCI

AUDIOVISUAL FUNCTIONAL DIAGRAM - AUDITORIUM

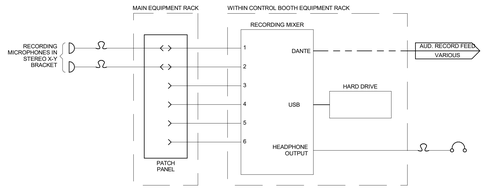
EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

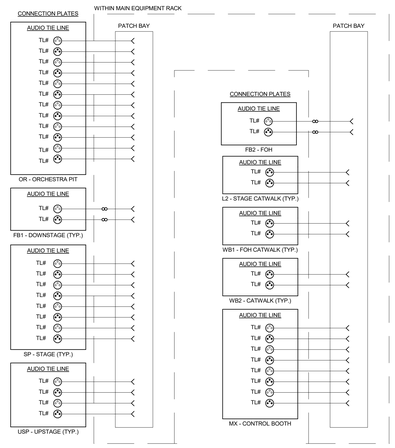
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	6" = 1'-0"
DRAWN BY:	JMM
REVISIONS:	

DD SET

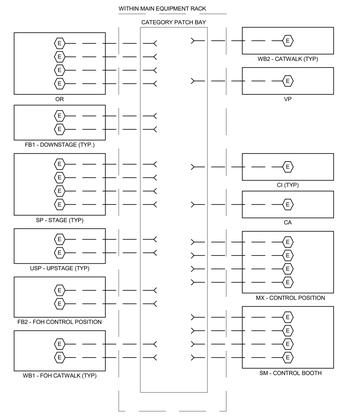
AV701



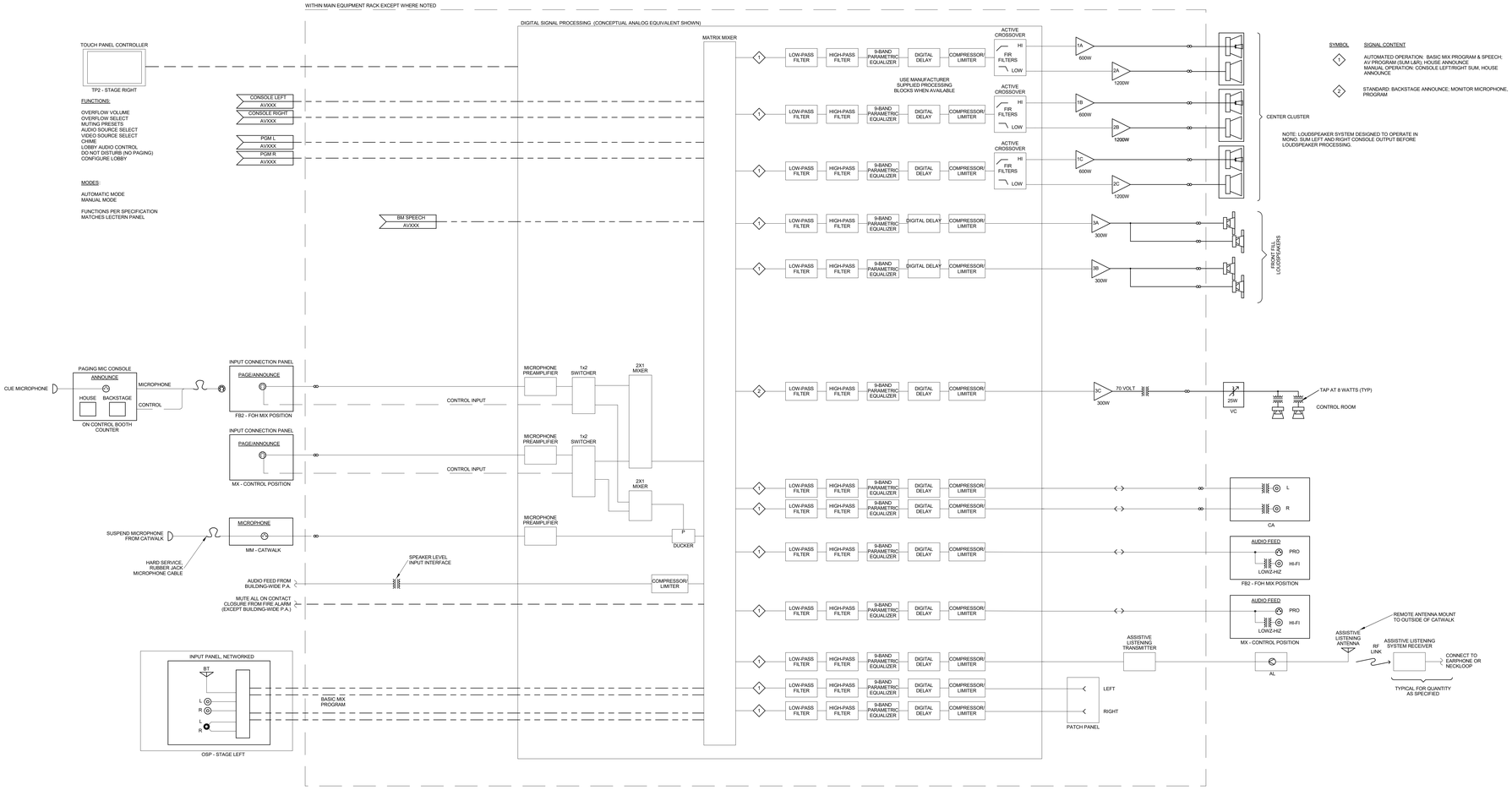
2 AUDIOVISUAL FUNCTIONAL DIAGRAM - AUDITORIUM AUDIO RECORDING
NTS



3 AUDIOVISUAL FUNCTIONAL DIAGRAM - AUDITORIUM AUDIO TL
NTS



4 AUDIOVISUAL FUNCTIONAL DIAGRAM - AUDITORIUM AUDIO CAT TL
NTS



1 AUDIOVISUAL FUNCTIONAL DIAGRAM - AUDITORIUM AUDIO OUTPUTS
NTS

N

JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:
CAVANAUGH TOCCI
377 BOYLSTON STREET, SUITE 300 BOSTON, MA 02116-4321 617.227.1734 www.cavtocci.com

AUDIOVISUAL FUNCTIONAL DIAGRAMS - AUDITORIUM

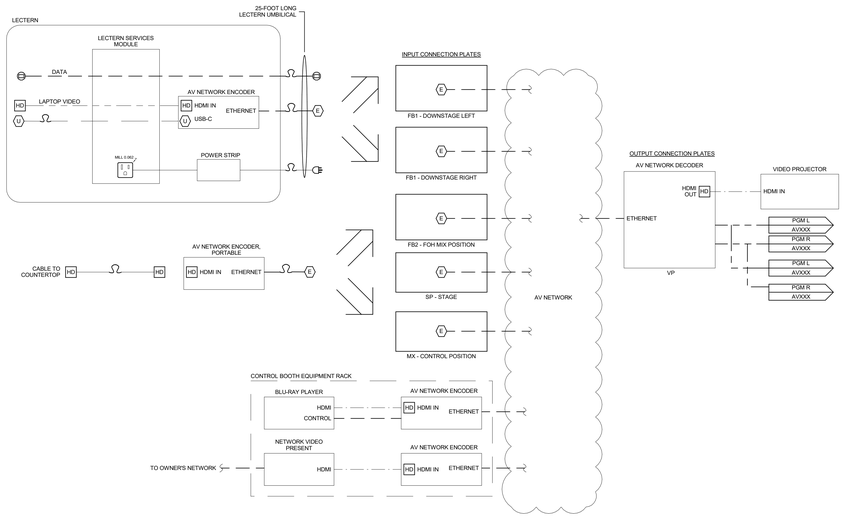
EAST LONGMEADOW HIGH SCHOOL

EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

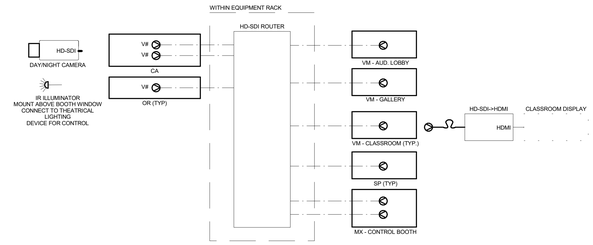
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	6" = 1'-0"
DRAWN BY:	JMM
REVISIONS:	

DD SET

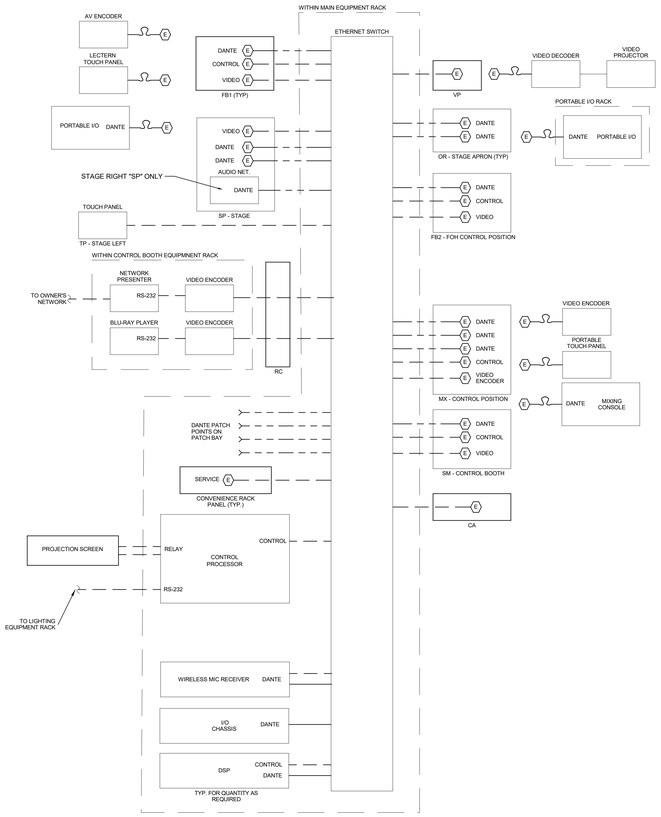
AV702



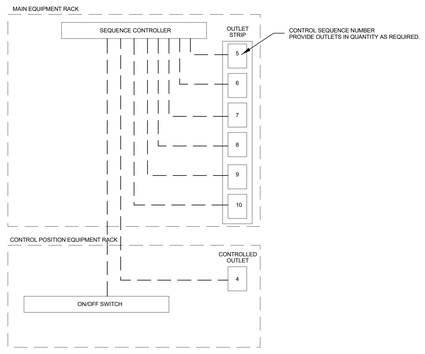
4 AUDIOVISUIAL FUNCTIONAL DIAGRAM - AUDITORIUM VIDEO PRESENTATION
NTS



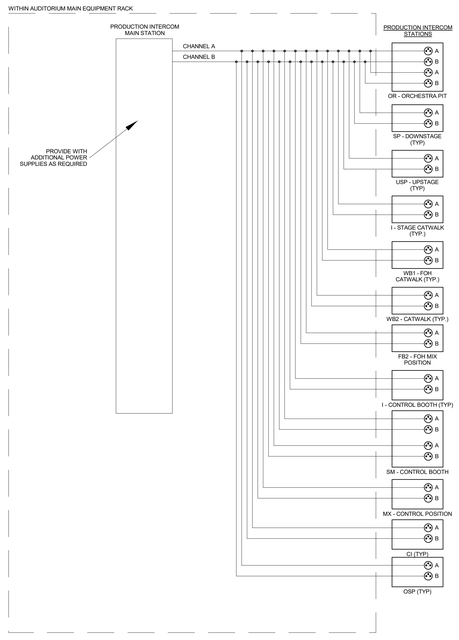
5 AUDITORIUM VIDEO MONITORING
NTS



1 AUDIOVISUIAL FUNCTIONAL DIAGRAM - AUDITORIUM AUDIO CONTROL AND NETWORK
NTS



2 AUDIOVISUIAL FUNCTIONAL DIAGRAM - AUDITORIUM POWER SEQUENCE
NTS



3 AUDIOVISUIAL FUNCTIONAL DIAGRAM - AUDITORIUM PRODUCTION INTERCOM
NTS

N

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com

SMMA

CONSULTANTS:
CAVANAUGHTOCCI

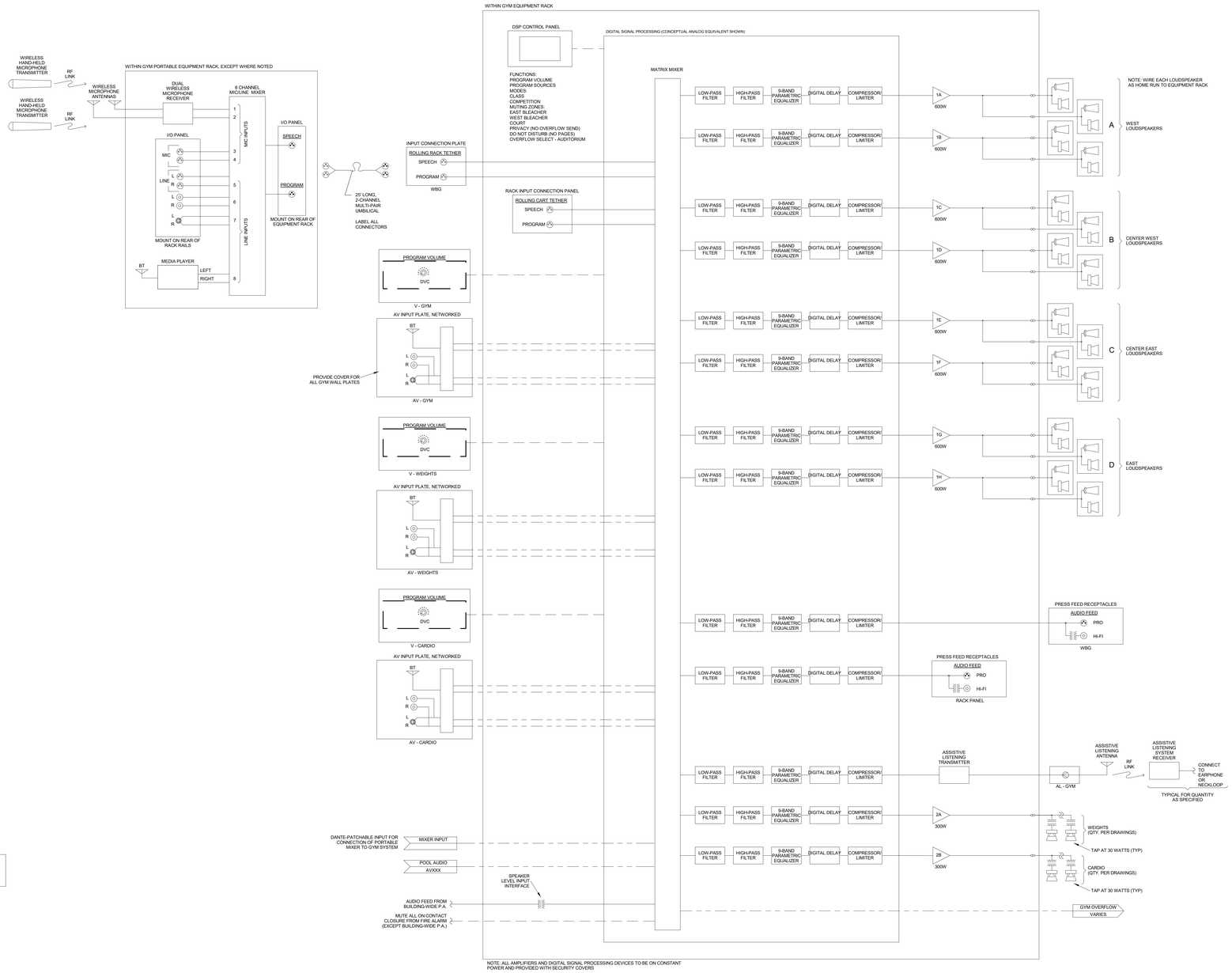
AUDIOVISUAL FUNCTIONAL DIAGRAMS - AUDITORIUM

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

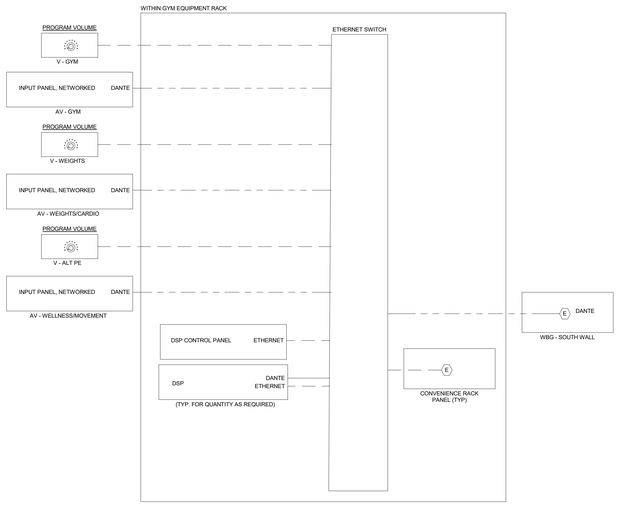
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	6" = 1'-0"
DRAWN BY:	JMM
REVISIONS:	

DD SET

AV703



1 AUDIOVISUAL FUNCTIONAL DIAGRAMS - GYM AUDIO
NTS



2 AUDIOVISUAL FUNCTIONAL DIAGRAMS - GYM NETWORK
NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com

SMMA

CONSULTANTS:
CAVANAUGHTOCCI

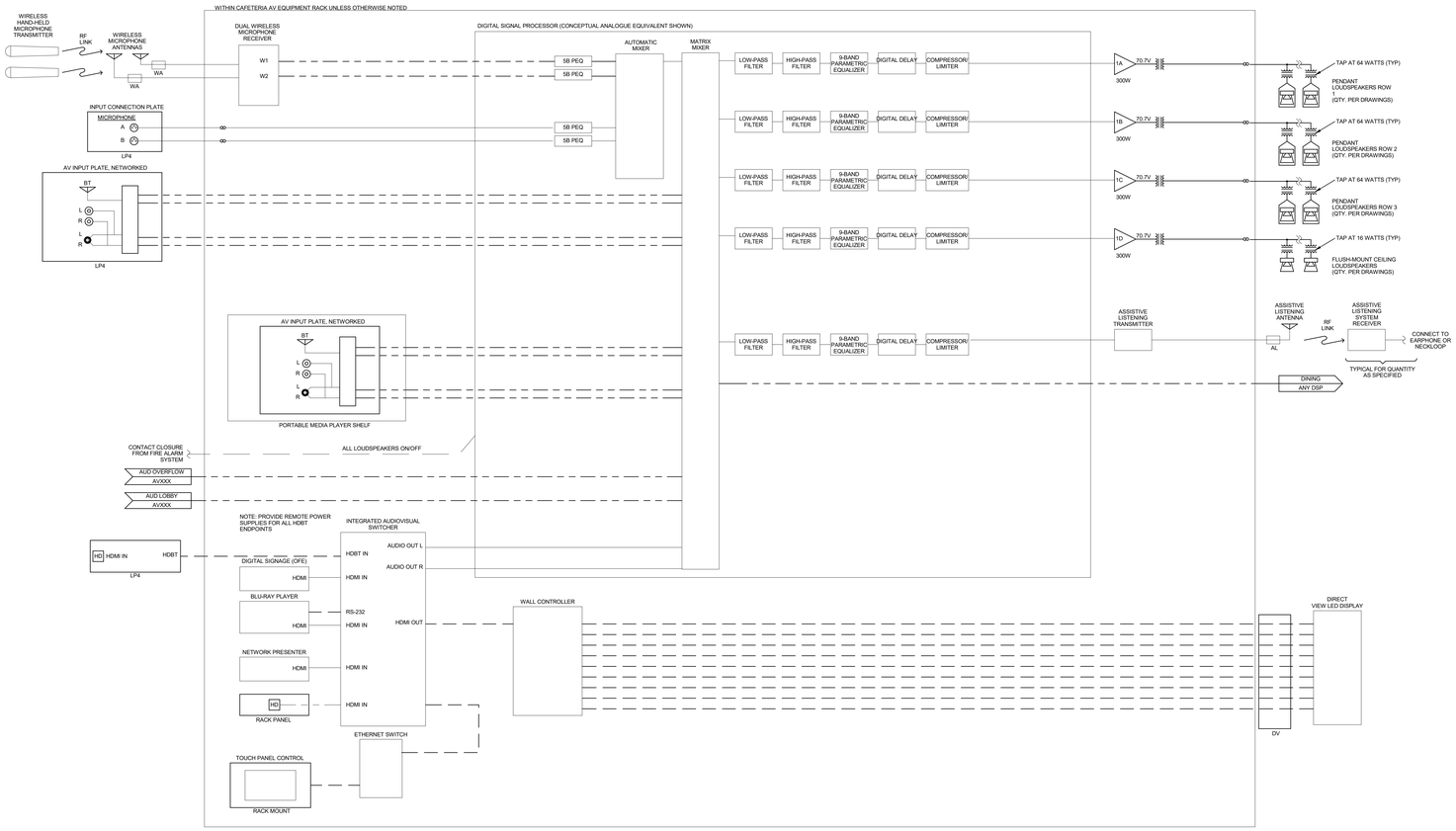
AUDIOVISUAL FUNCTIONAL DIAGRAM - GYM

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

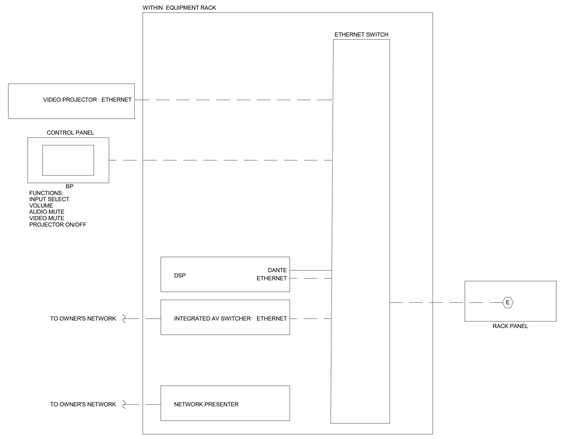
PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	6" = 1'-0"
DRAWN BY:	JMM
REVISIONS:	

DD SET

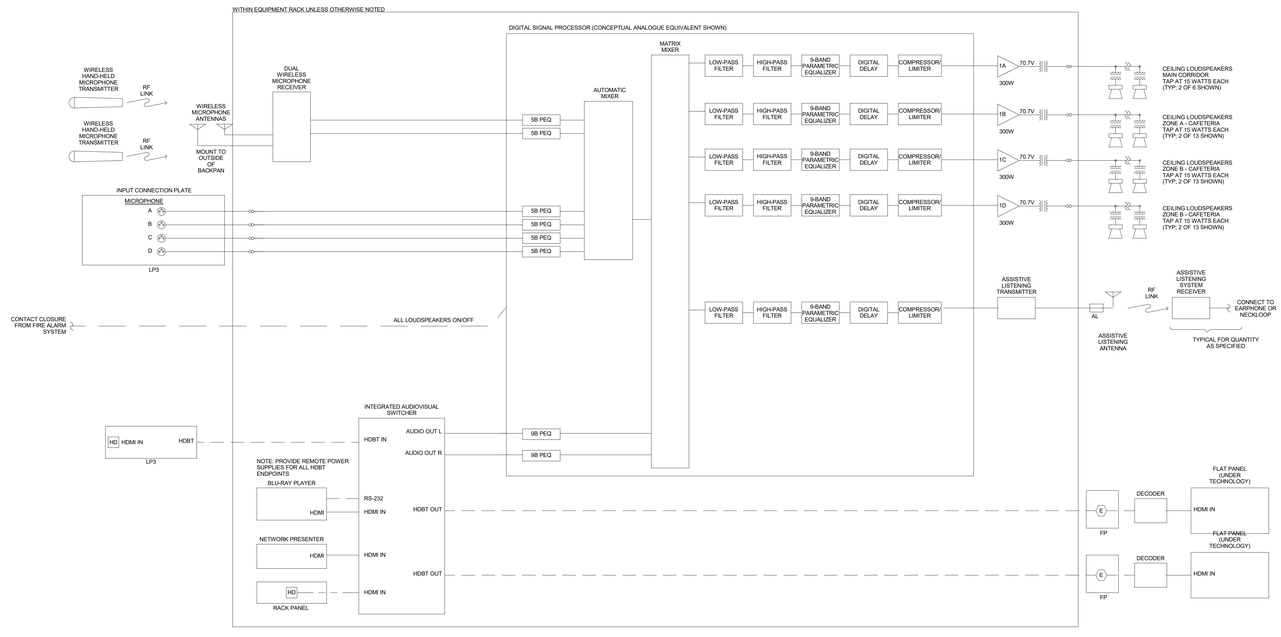
AV704



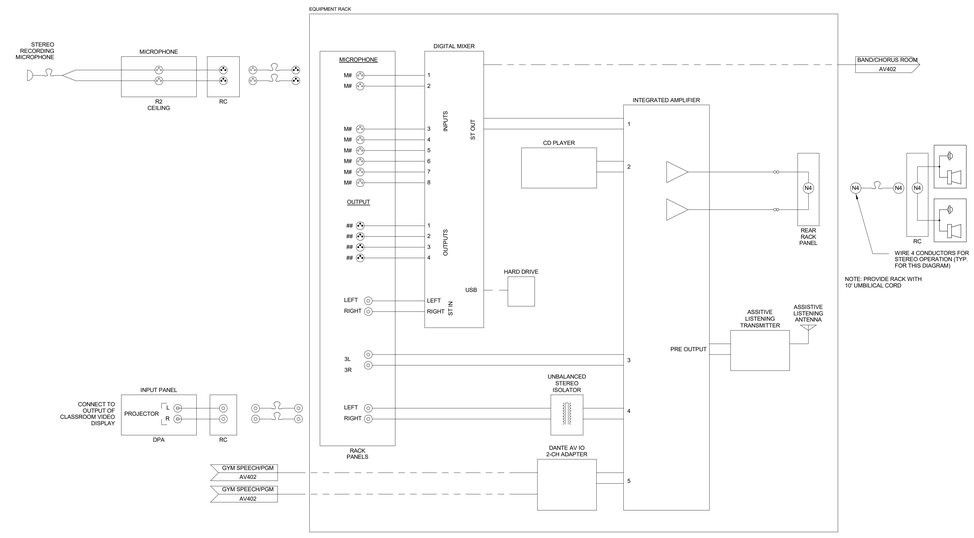
3 AUDIOVISUAL FUNCTIONAL DIAGRAM - CAFETERIA
NTS



4 AUDIOVISUAL FUNCTIONAL DIAGRAMS - LARGE GROUP NETWORK
NTS



1 AUDIOVISUAL FUNCTIONAL DIAGRAMS - LARGE GROUP INSTRUCTION
NTS



2 AUDIOVISUAL FUNCTIONAL DIAGRAMS - MUSIC CLASSROOMS
NTS

JWA
JONES WHITSETT ARCHITECTS
308 Main Street
Greenfield, MA 01301
T. 413.773.5551
F. 413.773.5551
office@joneswhitsett.com
SMMA

CONSULTANTS:

CAVANAUGHTOCCI
311 BOSTON POST ROAD, SUDBURY MA 01776
978.443.7871 www.cavtocci.com

AUDIOVISUAL FUNCTIONAL DIAGRAM - LARGE GROUP SPACE, MUSIC CLASSROOM AND CAFETERIA

EAST LONGMEADOW HIGH SCHOOL
EAST LONGMEADOW PUBLIC SCHOOLS
180 MAPLE STREET
EAST LONGMEADOW, MA 01028

PROJ. NUMBER:	2206
DATE:	03/29/24
SCALE:	6" = 1'-0"
DRAWN BY:	JMM
REVISIONS:	

DD SET

AV705