

3.A SPACE SUMMARY OVERVIEW

The proposed East Longmeadow High School is intended to address the educational and environmental deficiencies in the existing East Longmeadow High School. The existing ELHS is 186,890 gsf and consists of sections that date from 1959 to 1973. Only one small section, the west vocational education annex added in 1973, has been updated to accommodate a change in program (District Offices and ELCAT). The existing building layout suffers educationally in its lack of flexibility, absence of spaces supportive of diverse learning needs, absence of quality lab, arts and vocational spaces, and lack of professional development and collaboration spaces for either staff or students.

Key spatial deficits include:

The following is a summary of key educational space deficiencies associated with converting the existing East Longmeadow High School into a 21st Century (Next Generation Teaching and Learning) High School:

- Existing Classrooms- Averaging 770sf with a minimum of 655sf
- Science Classrooms & Labs- Averaging 934sf per classroom
- Teacher Planning Rooms – None exist
- Small Group Learning Spaces – None exist
- Life Skills space – None exists
- Life Skills 18 to 22 – None exists
- Vocational Technology Studios – STEM Lab undersized by 900 sf
- Culinary Arts Studio- Undersized by 470 sf
- Band – Undersized by 210 sf
- Media Center – Undersized 1760 sf
- Kitchen – Undersized by 4,400 sf (for District needs)
- Medical Suite – Undersized by 205 sf
- Admin/Guidance – Undersized by 604 sf
- Gymnasium – Undersized by 3,435 sf

The Initial Summary of Spaces addresses the needs of the Educational Program, the Curriculum, and reflects the aspirations identified through the Educational Plan, Visioning process and Programming meetings. More in-depth programming scheduled at the start of the Preferred Schematic Report phase may result in differing room sizes to best meet the needs for curriculum delivery and teaching methodologies.

The Space Summaries were developed using an SMMA process that mathematically determines the number of spaces needed based on the school's Program of Studies, the Master Schedule, the school schedule and the anticipated number of students for each offering. This process also includes applying an 85% utilization factor for each area of study.

Programming

There were 20 initial programming meetings conducted between May 24 through May 26 that included teachers, administrators and staff. All meetings were conducted in-person.

Visioning

A series of remote on-line workshops were conducted by David Stephen, New Vista Design, during May and June 2022. They included:

- May 5, 2022 Leadership Team Kick Off Meeting
- June 13, 2022 Workshop One:
 - o Priority Educational, Architectural and Community Goals for the ELHS facility
 - o Future Forward Learning Goals and Practices
- June 15, 2022 Community Forum:
 - o Overview of Priorities established during the Educational Visioning workshops
 - o Priority Educational, Architectural and Community Goals for the ELHS facility
 - o 21st Century Design Patterns that support future-ready teaching and learning practices
- June 22, 2022 Workshop Two: that are now being implemented within, or envisioned for ELHS
 - o Strengths, Challenges, Opportunities, and Goals (SCOG Analysis) associated with ELHS's current academic programming as well as the school's vision for its future
 - o 21st Century Design Patterns that support future-ready teaching and learning practices
- June 29, 2022 Workshop Three:
 - o Guiding Principles and priorities for the design of the ELHS facility
 - o Blue Sky Ideas that participants would like to see realized within the ELHS facility
 - o Key Spaces and Adjacencies for the ELHS facility

The Visioning Sessions participants included: students, teachers, administrators, parents, civic leaders, and members of the community. The sessions included presentations and workshops that focused on 21st Century Teaching and Learning and how that can impact the school's built environment. These meetings included numerous design team members covering a range of disciplines.

The Initial Space Summaries were developed to address the goals and vision of the Educational Program through a series of interviews with the East Longmeadow High School administration,

teachers, staff, and students, as well as the District administration. Space Summaries included with this submission:

1. Addition/Renovation Option for 800 students – note under “Other” there are several program elements that the school and community are requesting be part of this project. Some of these are diagrammed in the various options included in this report
2. New Construction Option for 800 students – note under “Other” there are several program elements that the school and community are requesting be part of this project. Some of these are diagrammed in the various options included in this report.

Existing Building size confirmation: East Longmeadow High School was found to be 186,890 gross square feet based on existing documentation acquired.

Historic declines in enrollment created opportunities to occupy the school with District and Town program that is not specific to the high school academic program. These uses have become critically intertwined in the day-to-day operation of the ELHS such that it is difficult for the SBC to publicly advocate for a project that eliminates these community spaces.

Community spaces of significance include:

- Community Pool Complex – 9,570 sf
- District Offices – 9,570 sf
- IT Offices – 1,635 sf
- ELCAT (East Longmeadow Cable Access) - 1,830 sf
- Garage – 1,215 sf
- Willie Ross (Programs for Deaf 9-12 graders) – 1,530 sf

In contrast, the school enjoys some spaces that are larger than would be allowable for this enrollment, owing to the school’s original design.

Key oversized spaces include:

- Cafeteria – oversized by 1,140 sf
- Auditorium – Oversized by 1,522 sf
- Art Classrooms – Oversized by 1,365 sf
- Additionally, the school has an abundance of PE/Athletics storage spaces & custodial spaces.

Attached, please find the following Space Summaries:

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Option 1: Code Upgrade 2. Option 2A: Add/Reno (w/ new pool) | <ol style="list-style-type: none"> 3. Option 2B: Add/Reno (w/ existing pool) |
|---|---|

4. Option 3A & 4A – New (with pool)
5. Option 3B & 4B: New (w/o pool)
6. Option 5: High School & Community Building (Split Program)

Additionally, a room-by-room accounting of all existing rooms has been provided following.

Additionally, an online community survey was conducted by the Design Team to which over 170 residents contributed responses before August 25th. The responses reinforced many key themes gathered during the visioning process and helped to establish priorities for recreation and community use of the school and site. A summary of the survey results are provided in appendix section 08-F.

Existing Conditions Space Summary - by room

East Longmeadow High School	Existing Conditions		
ROOM TYPE	ROOM NFA¹	# OF RMS	area totals
CORE ACADEMIC SPACES			40,735
<i>(List classrooms of different sizes separately)</i>			
	varies	33	varies
Classroom	655	1	655
Classroom	690	1	690
Classroom	720	1	720
Classroom	725	1	725
Classroom	738	2	1,475
Classroom	750	10	7,500
Classroom	755	1	755
Classroom	763	3	2,290
Classroom	775	6	4,650
Classroom	780	1	780
Classroom	783	3	2,350
Classroom	865	1	865
Classroom	950	1	950
Classroom	1,010	1	1,010
Green House	245	1	245
Business CR	805	1	805
Business CR	795	1	795
Business CR	1000	1	1,000
Health CR	690	1	690
Health CR	755	1	755
Forensics Lab	230	1	230
Forensics Lab	860	1	860
Bio / Chem Lab	1,100	1	1,100
Biology Lab	960	1	960
Biology Lab	985	1	985
Chem Lab	1,080	1	1,080
Chem Lab	1,165	1	1,165
Physics Lab	1,070	1	1,070
Sci Classroom	895	1	895
Sci Classroom	1,000	1	1,000
Prep	210	1	210
Prep	220	1	220
Prep	315	1	315
Prep	540	1	540
Teacher Planning	400	1	400
SPECIAL EDUCATION			8,745
<i>(List classrooms of different sizes separately)</i>			
Self-Contained Medically Fragile Sever Needs	785	1	785
Self-Contained Medically Fragile Sever Needs	805	1	805
SPED Inclusion CR	710	1	710
SPED Inclusion CR	770	1	770
SPED Inclusion CR	665	1	665
SPED Inclusion CR	765	1	765
ASD CR	835	1	835
Self-Contained SPED Toilet	95	1	95
Resource Room	890	1	890
Resource Room	785	1	785
Testing	110	1	110
SPED Deaf CR - Willie Ross	795	1	795
SPED Deaf CR - Willie Ross	735	1	735
ART & MUSIC			8,425
Art Classroom	2,490	1	2,490
Art Classroom -	1,275	1	1,275
Art Workroom	440	1	440

Existing Conditions Space Summary - by room

East Longmeadow High School	Existing Conditions		
ROOM TYPE	ROOM NFA¹	# OF RMS	area totals
Art Storage	675	1	675
Art Office	100	1	100
Band - 50 - 100 seats	1,290	1	1,290
Chorus - 50 - 100 seats	1,230	1	1,230
Music Tech CR (keyboard lab)	430	1	430
Music Practice	Varies	2	190
Music Storage	Varies	1	305
VOCATIONS & TECHNOLOGY			5,460
Technology/Engineering Room	1,010	1	1,010
Robotics	605	1	605
Graphic Design/Business	1,100	1	1,100
Pre-K CR	1,130	1	1,130
Dark Room	485	1	485
Culinary Arts	1,130	1	1,130
HEALTH & PHYSICAL EDUCATION			22,030
Gymnasium	8,565	1	8,565
Alternative P.E.	3,950	1	3,950
Locker Rooms - Boys w/ Toilets	1,820	1	1,820
Locker Rooms - Boys / Girls w/ Toilets	1,600	1	1,600
Shower	263	2	525
Phys. Ed. Outdoor Storage	360	1	360
Gym / Phys. Ed. Storage	varies	13	1,825
Athletic Director's Office	280	1	280
Health Instructor's Office	Varies	4	550
Health Instructor's Office w/ Shower & Toilet	250	1	250
Trainer	200	1	200
Trainer w/ Shower	Varies	2	645
Toilet Rooms - PE	2	30	60
Uniform Drying Room	145	1	145
Weight Room	1,255	1	1,255
MEDIA CENTER			3,140
Media Center / (Library)	2,825	1	2,825
Audio / Visual Storage	315	1	315
AUDITORIUM / DRAMA			9,285
Auditorium	6,855	1	6,855
Stage	2,140	1	2,140
Auditorium Storage	90	2	180
Controls / Lighting / Projection	110	1	110
DINING & FOOD SERVICE			8,235
Cafeteria / Student Lounge / Break-out	5,140	1	5,140
Kitchen	1,600	1	1,600
Kitchen Office (Shared)	310	1	310
Teacher Dining	725	1	725
Kitchen Toilet	65	1	65
Freezer	215	1	215
Dry Storage	180	1	180
MEDICAL			765
Medical Suite Toilet	30	2	60
Nurses' Office / Waiting Room	310	1	310
Exam 1	275	1	275
Exam 2	120	1	120
ADMINISTRATION & GUIDANCE			4,305
Adj. Coun.	115	1	115
Career Center / Conf Rm	710	1	710
Faculty Work Room	445	1	445
Admin / Waiting	550	1	550
Guidance (Grad Coach)	260	1	260
Guidance	Varies	4	360
Kitchenette	65	1	65

Existing Conditions Space Summary - by room

East Longmeadow High School	Existing Conditions		
ROOM TYPE	ROOM NFA¹	# OF RMS	area totals
Office	Varies	2	200
Principal	140	1	140
Psychologist	200	1	200
Storage/Safe	65	1	65
SRO Office	260	1	260
Toilet	30	1	30
Guidance Waiting	260	1	260
Vault	35	1	35
Asst Principal	varies	2	310
Records Room	300	1	300
CUSTODIAL & MAINTENANCE			2,605
Custodial Workshop	615	1	615
Custodial Storage	Varies	4	1,025
Custodian's Office	195	1	195
Network / Telecom Room	115	1	115
Outside Cust. Equipment	655	1	655
OTHER			20,238
Assist. Super / Finance	365	<u>1</u>	365
Bookkeeping	353	<u>1</u>	353
Conference Room	Varies	<u>2</u>	870
Curriculum And Instruction	105	<u>1</u>	105
District Offices	Varies	<u>3</u>	450
Reception	670	<u>1</u>	670
Safe	95	<u>1</u>	95
SPED District Office	Varies	<u>4</u>	500
Storage	Varies	<u>13</u>	1,675
Superintendent Secretary	715	<u>1</u>	715
Superintendent	190	<u>1</u>	190
Pool	4,985	<u>1</u>	4,985
Pool Filter Room	2,435	<u>1</u>	2,435
Swim. Locker Men	915	<u>1</u>	915
Swim. Locker Women	1,235	<u>1</u>	1,235
Garage	1,215	<u>1</u>	1,215
ELCAT	1,830	<u>1</u>	1,830
IT	varies	<u>2</u>	1,635
Total Building Net Floor Area (NFA)			133,968
Proposed Student Capacity / Enrollment			
NON-PROGRAMMED SPACES			
Water Rm	140	1	140
Mens	Varies	7	1,400
Womens	Varies	7	1,235
Toilet Rooms	Varies	6	855
Circulation	Varies	N/A	31,305
Elevator Machine Room	355	1	355
Electrical	Varies	2	395
Mechanical / Boiler Rooms	Varies	4	3,110
Unoccupied	245	1	245
Remaining ³			

Existing Conditions Space Summary - by room

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East Longmeadow High School	Existing Conditions		
<u>ROOM TYPE</u>	ROOM NFA¹	# OF RMS	area totals
Total Building Gross Floor Area (GFA) ²			186,890
Grossing factor (GFA/NFA)			1.40

Proposed Space Summary - High Schools

Option 1 - Code Upgrade

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ROOM TYPE	Existing Conditions		
	ROOM NFA ¹	# OF RMS	area totals
CORE ACADEMIC SPACES			40,735
<i>(List classrooms of different sizes separately)</i>			
Classroom - General	varies	33	25,415
Teacher Planning	400	1	400
Small Group Seminar (20-30 seats)	0	0	0
Science Classroom / Lab	varies	10	9,345
Prep Room	varies	4	1,285
Central Chemical Storage Rm	0	0	0
Green House	245	1	245
Business Classrooms	varies	3	2,600
Health Classroom	780	1	1,445
EL Classroom	705	1	
Large Group Instruction	0	0	0
SPECIAL EDUCATION			8,725
<i>(List classrooms of different sizes separately)</i>			
SPED SC	varies	4	2,910
S C Toilet, Shower (in above)	95	1	95
Resource Room, incl C Grid	varies	2	1,645
Small Group Room	0	0	0
S C Medically Fragile	varies	2	1,590
Self Contained Life Skills	0	0	0
Self Contained Life Skills 16 - 22	0	0	0
ASD Classroom / di-escalation	845	1	845
OT / PT (shared with ASD in Existing)	0	0	0
Willie Ross Deaf Program	varies	2	1,530
Willie Ross Deaf Program Support	0	0	0
SPED Conference Room	0	0	0
Testing	110	1	110
ART & MUSIC			8,425
Art Classroom - 25 seats	varies	2	3,765
Art Workroom w/ Storage & kln	440	1	440
Art Storage	675	1	675
Art Office	100	1	100
Band - 50 - 100 seats	1,290	1	1,290
Chorus - 50 - 100 seats	1,230	1	1,230
Music Tech/Keyboard	430	1	430
Ensemble	0	0	0
Music Practice	varies	2	190
Music Storage	varies	3	305
VOCATIONS & TECHNOLOGY			5,460
Technology/Engineering Rooms			
Technology/Engineering CR / Lab	1,010	1	1,010
Graphic Design Lab	1,100	1	1,100
Culinary Arts Lab	1,130	1	1,130
PK-Child Care Lab	1,130	1	1,130
TV Production	0	0	0
Dark Room	485	1	485
Robotics	605	1	605
HEALTH & PHYSICAL EDUCATION			22,030
Gymnasium	8,565	1	8,565
PE Alternatives	3,950	1	3,950
Gym Storeroom	0	0	0
Locker Rooms - Boys / Girls w/ Toilets	varies	2	3,420
Phys. Ed. Storage	varies	13	1,825
Athletic Director's Office	280	1	280
Health Instructor's Office w/ Shower & Toilet	varies	5	800
Shower	varies	2	525
Trainers Room	varies	3	845
Athletic Storage	0	0	0
Uniform Drying Room	145	1	145
Toilet Rooms - PE	30	2	60
Phys Ed Outdoor Storage	360	1	360
Weight Room	1,255	1	1,255
MEDIA CENTER			3,140
Media Center / Reading Room	2,825	1	2,825
Computer Lab	315	1	315
AUDITORIUM / DRAMA			9,285
Auditorium	6,855	1	6,855
Stage	2,140	1	2,140
Auditorium Storage	90	2	180
Make-up / Dressing Rooms	0	0	0
Controls / Lighting / Projection	110	1	110
DINING & FOOD SERVICE			8,235
Cafeteria / Student Lounge / Break-out	5,140	1	5,140
Chair / Table Storage	0	0	0
Scramble Serving Area	0	0	0
Kitchen	1,600	1	1,600
Freezer	215	1	215
Dry Storage	180	1	180
Staff Lunch Room	725	1	725
Kitchen Toilet	65	1	65
Kitchen Office	310	1	310
MEDICAL			765
Medical Suite Toilet	30	2	60
Nurses' Office / Waiting Room	310	1	310
Interview Room	275	1	275
Examination Room / Resting	120	1	120
ADMINISTRATION & GUIDANCE			4,305
General Office / Waiting Room / Toilet	550	1	550
Teachers' Mail and Time Room	0	0	0
Duplicating Room	0	0	0
Records Room	300	1	300
Principal's Office w/ Conference Area	140	1	140
Principal's Secretary / Waiting	0	0	0
Assistant Principal's Office - AP1	140	1	140
Assistant Principal's Office - AP2	170	1	170
Supervisory / Spare Office	100	2	200
Conference Room	710	1	710
Guidance Office	varies	4	360
Guidance Waiting Room	260	1	260
Guidance Storeroom	65	1	65
Career Center	260	1	260
Records Room	35	1	35
Teachers' Work Room	445	1	445
SRO Office	260	1	260
Grad Coach			
Guidance Conf Room			
Toilet	30	1	30
Adjustment Counselor	115	1	115
Psychologist	200	1	200
Kitchenette	65	1	65
CUSTODIAL & MAINTENANCE			2,605
Custodian's Office	195	1	195
Custodian's Workshop	615	1	615
Custodian's Storage	varies	4	1,025
Recycling Room / Trash	0	0	0
Receiving and General Supply	0	0	0
Storeroom	0	0	0
Network / Telecom Room	115	1	115
Outside Eq Storage	655	1	655
OTHER			20,238
Other (specify)			
Swimming Pool Complex	9,570	1	9,570
District Central Offices	5,988	1	5,988
IT/ELCAT	3,465	1	3,465
Garage	1,215	1	1,215
Total Building Net Floor Area (NFA)			133,948
Proposed Student Capacity / Enrollment			
NON-PROGRAMMED SPACES			
Other Occupied Rooms (list separately)			
Unoccupied MEP/FP Spaces			
Unoccupied Closets, Supply Rooms & Storage Rooms			
Toilet Rooms			
Circulation (corridors, stairs, ramps & elevators)			
Remaining ²			
Total Building Gross Floor Area (GFA)²			186,890
Grossing factor (GFA/NFA)			1.40

PROPOSED								
Existing to Remain/Renovated			New			Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		40,735			0			40,735
varies	33	25,415					33	25,415
400	1	400					1	400
0	0	0					0	0
varies	10	9,345					10	9,345
varies	4	1,285					4	1,285
0	0	0					0	0
245	1	245					1	245
varies	3	2,600					3	2,600
780	1	1,445					1	1,445
705	1						0	0
0	0	0					0	0
0	0	0					0	0
		8,725			0			8,725
varies	4	2,910					4	2,910
95	1	95					1	95
varies	2	1,645					2	1,645
0	0	0					0	0
805	1	805					2	1,590
785	1	785					0	0
0	0	0					0	0
845	1	845					1	845
0	0	0					0	0
varies	2	1,530					2	1,530
0	0	0					0	0
0	0	0					0	0
110	1	110					1	110
		8,425			0			8,425
varies	2	3,765					2	3,765
440	1	440					1	440
675	1	675					1	675
100	1	100					1	100
1,290	1	1,290					1	1,290
1,230	1	1,230					1	1,230
430	1	430					1	430
0	0	0					0	0
varies	2	190					2	190
varies	3	305					3	305
		5,460			0			5,460
1,010	1	1,010					1	1,010
1,100	1	1,100					1	1,100
1,130	1	1,130					1	1,130
1,130	1	1,130					1	1,130
0	0	0					0	0
485	1	485					1	485
605	1	605					1	605
		22,030			0			22,030
8,565	1	8,565					1	8,565
3,950	1	3,950					1	3,950
0	0	0					0	0
varies	2	3,420					2	3,420
varies	13	1,825					13	1,825
280	1	280					1	280
varies	5	800					5	800
varies	2	525					2	525
varies	3	845					3	845
0	0	0					0	0
145	1	145					1	145
30	2	60					2	60
360	1	360					1	360
1,255	1	1,255					1	1,255
		3,140			0			3,140
2,825	1	2,825					1	2,825
315	1	315					1	315
		9,285			0			9,285
6,855	1	6,855					1	6,855
2,140	1	2,140					1	2,140
90	2	180					2	180
0	0	0					0	0
110	1	110					1	110
0	0	0					0	0
		8,235			0			8,235
5,140	1	5,140					1	5,140
0	0	0					0	0
0	0	0					0	0
1,600	1	1,600					1	1,600
215	1	215					1	215
180	1	180					1	180
725	1	725					1	725
65	1	65					1	65
310	1	310					1	310
		765			0			765
30	2	60					2	60
310	1	310					1	310
275	1	275					1	275
120	1	120					1	120
0	0	0					0	0
		4,305			0			4,305
550	1	550					1	550

Proposed Space Summary - High Schools

Option 2B - Add-Reno

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East Longmeadow High School	Existing Conditions		
	ROOM NFA ¹	# OF RMS	area totals
CORE ACADEMIC SPACES			40,735
<i>(List classrooms of different sizes separately)</i>			
Classroom - General	varies	33	25,415
Teacher Planning	400	1	400
Small Group Seminar (20-30 seats)	0	0	0
Science Classroom / Lab	varies	10	9,345
Prep Room	varies	4	1,285
Central Chemical Storage Rm	0	0	0
Green House	245	1	245
Business Classrooms	varies	3	2,600
Health Classroom	780	1	1,445
EL Classroom	705	1	0
Large Group Instruction	0	0	0
SPECIAL EDUCATION			8,725
<i>(List classrooms of different sizes separately)</i>			
SPED SC	varies	4	2,910
S C Toilet, Shower (in above)	95	1	95
Resource Room, incl C Grid	varies	2	1,645
Small Group Room	0	0	0
S C Medically Fragile	805	1	805
Self Contained Life Skills	785	1	785
Self Contained Life Skills 16 - 22	0	0	0
ASD Classroom / di-escalation	845	1	845
OT / PT (shared with ASD in Existing)	0	0	0
Willie Ross Deaf Program	varies	2	1,530
Willie Ross Deaf Program Support	0	0	0
SPED Conference Room	0	0	0
Testing	110	1	110
ART & MUSIC			8,425
Art Classroom - 25 seats	varies	2	3,765
Art Workroom w/ Storage & kln	440	1	440
Art Storage	675	1	675
Art Office	100	1	100
Band - 50 - 100 seats	1,290	1	1,290
Chorus - 50 - 100 seats	1,230	1	1,230
Music Tech/Keyboard	430	1	430
Ensemble	0	0	0
Music Practice	varies	2	190
Music Storage	varies	3	305
VOCATIONS & TECHNOLOGY			5,460
Technology/Engineering Rooms			
Technology/Engineering CR / Lab	1,010	1	1,010
Graphic Design Lab	1,100	1	1,100
Culinary Arts Lab	1,130	1	1,130
PK-Child Care Lab	1,130	1	1,130
TV Production	0	0	0
Dark Room	485	1	485
Robotics	605	1	605
HEALTH & PHYSICAL EDUCATION			22,030
Gymnasium	8,565	1	8,565
PE Alternatives	3,950	1	3,950
Gym Storeroom	0	0	0
Locker Rooms - Boys / Girls w/ Toilets	varies	2	3,420
Phys. Ed. Storage	varies	13	1,825
Athletic Director's Office	280	1	280
Health Instructor's Office w/ Shower & Toilet	varies	5	800
Shower	varies	2	525
Trainers Room	varies	3	845
Athletic Storage	0	0	0
Uniform Drying Room	145	1	145
Toilet Rooms - PE	30	2	60
Phys Ed Outdoor Storage	360	1	360
Weight Room	1,255	1	1,255
MEDIA CENTER			3,140
Media Center / Reading Room	2,825	1	2,825
Computer Lab	315	1	315
AUDITORIUM / DRAMA			9,285
Auditorium	6,855	1	6,855
Stage	2,140	1	2,140
Auditorium Storage	90	2	180
Make-up / Dressing Rooms	0	0	0
Controls / Lighting / Projection	110	1	110
DINING & FOOD SERVICE			8,235
Cafeteria / Student Lounge / Break-out	5,140	1	5,140
Chair / Table Storage	0	0	0
Scramble Serving Area	0	0	0
Kitchen	1,600	1	1,600
Freezer	215	1	215
Dry Storage	180	1	180
Staff Lunch Room	725	1	725
Kitchen Toilet	65	1	65
Kitchen Office	310	1	310
MEDICAL			765
Medical Suite Toilet	30	2	60
Nurses' Office / Waiting Room	310	1	310
Interview Room	275	1	275
Examination Room / Resting	120	1	120
ADMINISTRATION & GUIDANCE			4,305
General Office / Waiting Room / Toilet	550	1	550
Teachers' Mail and Time Room	0	0	0
Duplicating Room	0	0	0
Records Room	300	1	300
Principal's Office w/ Conference Area	140	1	140
Principal's Secretary / Waiting	0	0	0
Assistant Principal's Office - AP1	140	1	140
Assistant Principal's Office - AP2	170	1	170
Spare Office/Counseling Rm	100	2	200
Conference Room	710	1	710
Guidance Office	varies	4	360
Guidance Waiting Room	260	1	260
Guidance Storeroom	65	1	65
Career Center (Grad Coach)	260	1	260
Records Room	35	1	35
Teachers' Work Room	445	1	445
SRO Office	260	1	260
Grad Coach			
Guidance Conf Room			
Toilet	30	1	30
Adjustment Counselor	115	1	115
Psychologist	200	1	200
Kitchenette	65	1	65
CUSTODIAL & MAINTENANCE			2,605
Custodian's Office	195	1	195
Custodian's Workshop	615	1	615
Custodian's Storage	varies	4	1,025
Recycling Room / Trash	0	0	0
Receiving and General Supply	0	0	0
Storeroom	0	0	0
Network / Telecom Room	115	1	115
Outside Eq Storage	655	1	655
OTHER			20,238
Other (specify)			
Swimming Pool Complex	9,570	1	9,570
District Central Offices	5,988	1	5,988
IT/ELCAT	3,465	1	3,465
Garage	1,215	1	1,215
Total Building Net Floor Area (NFA)			133,948
Proposed Student Capacity / Enrollment			
NON-PROGRAMMED SPACES			
Other Occupied Rooms (list separately)			
Unoccupied MEP/FP Spaces			
Unoccupied Closets, Supply Rooms & Storage Rooms			
Toilet Rooms			
Circulation (corridors, stairs, ramps & elevators)			
Remaining ²			
Total Building Gross Floor Area (GFA)²			186,890
Grossing factor (GFA/NFA)			1.40

PROPOSED								
Existing to Remain/Renovated			New			Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		25,550			23,220			48,770
850	23	19,550	850	2	1,700	25	21,250	
100	25	2,500	100	0	0	25	2,500	
500	2	1,000	500	0	0	2	1,000	
			1,440	8	11,520	8	11,520	
			200	8	1,600	8	1,600	
			200	1	200	1	200	
			200	3	600	3	600	
			850	4	3,400	4	3,400	
			850	2	1,700	2	1,700	
500	1	500	500	1	500	2	1,000	
2,000	1	2,000	2,000	1	2,000	2	4,000	
		10,850			600			10,650
1,200	0	0				0	0	
250	1	250				1	250	
500	4	2,000				4	2,000	
150	6	900	150	4	600	10	1,500	
1,200	1	1,200				1	1,200	
1,200	1	1,200				1	1,200	
1,200	1	1,200				1	1,200	
1,000	1	1,000				1	1,000	
500	1	500				1	500	
500	2	1,000				2	1,000	
200	2	400				2	400	
400	1	400				1	400	
		6,625			0			6,625
1,200	2	2,400	1,200	0	0	2	2,400	
150	2	300	150	0	0	2	300	
1,500	1	1,500	1,500	0	0	1	1,500	
1,500	1	1,500	1,500	0	0	1	1,500	
200	1	200	200	0	0	1	200	
75	3	225	75	0	0	3	225	
500	1	500	500	0	0	1	500	
		5,200			2,000			7,200
		0			0		0	0
			2,000	1	2,000	1	2,000	
1,200	1	1,200	1,200	0	0	1	1,200	
1,600	1	1,600	1,600	0	0	1	1,600	
1,200	1	1,200	1,200	0	0	1	1,200	
1,200	1	1,200	1,200	0	0	1	1,200	
		0			21,830			21,830
		0	12,000	1	12,000	1	12,000	
		0	3,000	1	3,000	1	3,000	
		0	300	1	300	1	300	
		0	4,480	1	4,480	1	4,480	
		0	500	1	500	1	500	
		0	250	1	250	1	250	
		0	250	2	500	2	500	
			300	1	300	1	300	
			500	1	500	1	500	
		2,800			2,100			4,900
2,840	1	2,800	2,180	1	2,100	2	4,900	
		0			0	0	0	0
		9,285			0			9,285
6,855	1	6,855	5,333	0	0	1	6,855	
1,600	1	1,600	1,600	0	0	1	1,600	
450	1	450	450	0	0	1	450	
270	1	270	300	0	0	1	270	
110	1	110	200	0	0	1	110	
		0			8,800			8,800
		0	4,000	1	4,000	1	4,000	
		0	350	1	350	1	350	
		0	1,200	1	1,200	1	1,200	
		0	2,800	1	2,800	1	2,800	
			450	1	450	1	450	
		0			970			970
		0	60	2	120	2	120	
		0	250	1	250	1	250	
		0	100	2	200	2	200	
		0	100	4	400	4	400	
		1,100			3,845			4,945
		0	400	1	400	1	400	
		0	100	1	100	1	100	
		0	200	1	200	1	200	
		0	200	1	200	1	200	
		0	375	1	375	1	375	
		0	125	1	125	1	125	
		0	150	1	150	1	150	
		0	150	1	150	1	150	
		0	120	1	120	1	120	
		0	450	1	450	1	450	
150	4	600	150	0	0	4	600	

Proposed Space Summary - High Schools

Option 3A & 4A

JWA PDP 8-05-2022

Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
CORE ACADEMIC SPACES			40,735
<i>(List classrooms of different sizes separately)</i>			
Classroom - General	varies	33	25,415
Teacher Planning	400	1	400
Small Group Seminar (20-30 seats)	0	0	0
Science Classroom / Lab	varies	10	9,345
Prep Room	varies	4	1,285
Central Chemical Storage Rm	0	0	0
Green House	245	1	245
Business Classrooms	varies	3	2,600
Health Classroom	780	1	1,445
EL Classroom	705	1	
Large Group Instruction	0	0	0
SPECIAL EDUCATION			8,725
<i>(List classrooms of different sizes separately)</i>			
SPED SC	varies	4	2,910
S C Toilet, Shower (in above)	95	1	95
Resource Room, incl C Grid	varies	2	1,645
Small Group Room	0	0	0
S C Medically Fragile	805	1	805
Self Contained Life Skills	785	1	785
Self Contained Life Skills 16 - 22	0	0	0
ASD Classroom / di-escalation	845	1	845
OT / PT (shared with ASD in Existing)	0	0	0
Willie Ross Deaf Program	varies	2	1,530
Willie Ross Deaf Program Support	0	0	0
SPED Conference Room	0	0	0
Testing	110	1	110
ART & MUSIC			8,425
Art Classroom - 25 seats	varies	2	3,765
Art Workroom w/ Storage & kln	440	1	440
Art Storage	675	1	675
Art Office	100	1	100
Band - 50 - 100 seats	1,290	1	1,290
Chorus - 50 - 100 seats	1,230	1	1,230
Music Tech/Keyboard	430	1	430
Ensemble	0	0	0
Music Practice	varies	2	190
Music Storage	varies	3	305
VOCATIONS & TECHNOLOGY			5,460
Technology/Engineering Rooms			
Technology/Engineering CR / Lab	1,010	1	1,010
Graphic Design Lab	1,100	1	1,100
Culinary Arts Lab	1,130	1	1,130
PK-Child Care Lab	1,130	1	1,130
TV Production	0	0	0
Dark Room	485	1	485
Robotics	605	1	605
HEALTH & PHYSICAL EDUCATION			22,030
Gymnasium	8,565	1	8,565
PE Alternatives	3,950	1	3,950
Gym Storeroom	0	0	0
Locker Rooms - Boys / Girls w/ Toilets	varies	2	3,420
Phys. Ed. Storage	varies	13	1,825
Athletic Director's Office	280	1	280
Health Instructor's Office w/ Shower & Toilet	varies	5	800
Shower	varies	2	525
Trainers Room	varies	3	845
Athletic Storage	0	0	0
Uniform Drying Room	145	1	145
Toilet Rooms - PE	30	2	60
Phys Ed Outdoor Storage	360	1	360
Weight Room	1,255	1	1,255
MEDIA CENTER			3,140
Media Center / Reading Room	2,825	1	2,825
Computer Lab	315	1	315
AUDITORIUM / DRAMA			9,285
Auditorium	6,855	1	6,855
Stage	2,140	1	2,140
Auditorium Storage	90	2	180
Make-up / Dressing Rooms	0	0	0
Controls / Lighting / Projection	110	1	110
DINING & FOOD SERVICE			8,235
Cafeteria / Student Lounge / Break-out	5,140	1	5,140
Chair / Table Storage	0	0	0
Scramble Serving Area	0	0	0
Kitchen	1,600	1	1,600
Freezer	215	1	215
Dry Storage	180	1	180
Staff Lunch Room	725	1	725
Kitchen Toilet	65	1	65
Kitchen Office	310	1	310
MEDICAL			765
Medical Suite Toilet	30	2	60
Nurses' Office / Waiting Room	310	1	310
Interview Room	275	1	275
Examination Room / Resting	120	1	120
ADMINISTRATION & GUIDANCE			4,305
General Office / Waiting Room / Toilet	550	1	550
Teachers' Mail and Time Room	0	0	0
Duplicating Room	0	0	0
Records Room	300	1	300
Principal's Office w/ Conference Area	140	1	140
Principal's Secretary / Waiting	0	0	0
Assistant Principal's Office - AP1	140	1	140
Assistant Principal's Office - AP2	170	1	170
Supervisory / Spare Office	100	2	200
Conference Room	710	1	710
Guidance Office	varies	4	360
Guidance Waiting Room	260	1	260
Guidance Storeroom	65	1	65
Career Center	260	1	260
Records Room	35	1	35
Teachers' Work Room	445	1	445
SRO Office	260	1	260
Grad Coach			
Guidance Conf Room			
Toilet	30	1	30
Adjustment Counselor	115	1	115
Psychologist	200	1	200
Kitchenette	65	1	65
CUSTODIAL & MAINTENANCE			2,605
Custodian's Office	195	1	195
Custodian's Workshop	615	1	615
Custodian's Storage	varies	4	1,025
Recycling Room / Trash	0	0	0
Receiving and General Supply	0	0	0
Storeroom	0	0	0
Network / Telecom Room	115	1	115
Outside Eq Storage	655	1	655
OTHER			20,238
Other (specify)			
Swimming Pool Complex	9,570	1	9,570
District Central Offices	5,988	1	5,988
IT/ELCAT	3,465	1	3,465
Garage	1,215	1	1,215
Total Building Net Floor Area (NFA)			133,948
Proposed Student Capacity / Enrollment			
NON-PROGRAMMED SPACES			
Other Occupied Rooms (list separately)			
Unoccupied MEP/FP Spaces			
Unoccupied Closets, Supply Rooms & Storage Rooms			
Toilet Rooms			
Circulation (corridors, stairs, ramps & elevators)			
Remaining ³			
Total Building Gross Floor Area (GFA)²			186,890
Grossing factor (GFA/NFA)			1.40

PROPOSED								
Existing to Remain/Renovated			New			Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		0			46,270			46,270
		0	850	25	21,250	850	25	21,250
		0	100	25	2,500	100	25	2,500
		0	500	2	1,000	500	2	1,000
		0	1,440	8	11,520	1,440	8	11,520
		0	200	8	1,600	200	8	1,600
		0	200	1	200	200	1	200
		0	200	3	600	200	3	600
		0	850	4	3,400	850	4	3,400
		0	850	2	1,700	850	2	1,700
		0	500	1	500	500	1	500
		0	2,000	1	2,000	2,000	1	2,000
		0			10,650			10,650
		0	1,200	0	0	1,200	0	0
		0	250	1	250	250	1	250
		0	500	4	2,000	500	4	2,000
		0	150	10	1,500	150	10	1,500
		0	1,200	1	1,200	1,200	1	1,200
		0	1,200	1	1,200	1,200	1	1,200
		0	1,200	1	1,200	1,200	1	1,200
		0	1,000	1	1,000	1,000	1	1,000
		0	500	1	500	500	1	500
		0	500	2	1,000	500	2	1,000
		0	200	2	400	200	2	400
		0	400	1	400	400	1	400
		0			6,625			6,625
		0	1,200	2	2,400	1,200	2	2,400
		0	150	2	300	150	2	300
		0	1,500	1	1,500	1,500	1	1,500
		0	1,500	1	1,500	1,500	1	1,500
		0	200	1	200	200	1	200
		0	75	3	225	75	3	225
		0	500	1	500	500	1	500
		0			7,200			7,200
		0	2,000	1	2,000	2,000	1	2,000
		0	1,200	1	1,200	1,200	1	1,200
		0	1,600	1	1,600	1,600	1	1,600
		0	1,200	1	1,200	1,200	1	1,200
		0	1,200	1	1,200	1,200	1	1,200
		0	12,000	1	12,000	12,000	1	12,000
		0	3,000	1	3,000	3,000	1	3,000
		0	300	1	300	300	1	300
		0	4,480	1	4,480	4,480	1	4,480
		0	500	1	500	500	1	500
		0	250	1	250	250	1	250
		0	250	2	500	250	2	500
		0	300	1	300	300	1	300
		0	500	1	500	500	1	500
		0	4,900	1	4,900	4,900	1	4,900
		0	4,900	1	4,900	4,900	1	4,900
		0	5,333	1	5,333	5,333	1	5,333
		0	1,600	1	1,600	1,600	1	1,600
		0	450	1	450	450	1	450
		0	300	2	600	300	2	600
		0	200	1	200	200	1	200
		0	4,000	1	4,000	4,000	1	4,000
		0	350	1	350	350	1	350
		0	1,200	1	1,200	1,200	1	1,200
		0	2,800	1	2,800	2,800	1	2,800
		0	450	1	450	450	1	450
		0	60	2	120	60	2	120
		0	250	1	250	250	1	250
		0	100	2	200	100	2	200
		0	100	4	400	100	4	400
		0			4,945			4,945
		0	400	1	400	400	1	400
		0	100	1	100	100	1	100
		0	200	1	200	200	1	200
		0	200	1	200	200	1	200
		0	375	1	375	375	1	375
		0	125	1	125	125	1	125
		0	150	1	150	150	1	150
		0	150	1	150	150	1	150
		0	120	1	120	120	1	120
		0	450	1	450	450	1	450
		0	150	4	600	150	4	600
		0	100	1	100	100	1	100
		0	100	1	100	100	1	100
		0	350	1	350	350	1	350
		0	125	1	1			

Proposed Space Summary - High Schools

Option 3B & 4B

JWA PDP 8-05-2022

ROOM TYPE	Existing Conditions		
	ROOM NFA ¹	# OF RMS	area totals
CORE ACADEMIC SPACES			40,735
<i>(List classrooms of different sizes separately)</i>			
Classroom - General	varies	33	25,415
Teacher Planning	400	1	400
Small Group Seminar (20-30 seats)	0	0	0
Science Classroom / Lab	varies	10	9,345
Prep Room	varies	4	1,285
Central Chemical Storage Rm	0	0	0
Green House	245	1	245
Business Classrooms	varies	3	2,600
Health Classroom	780	1	1,445
EL Classroom	705	1	
Large Group Instruction	0	0	0
SPECIAL EDUCATION			8,725
<i>(List classrooms of different sizes separately)</i>			
SPED SC	varies	4	2,910
S C Toilet, Shower (in above)	95	1	95
Resource Room, incl C Grid	varies	2	1,645
Small Group Room	0	0	0
S C Medically Fragile	805	1	805
Self Contained Life Skills	785	1	785
Self Contained Life Skills 16 - 22	0	0	0
ASD Classroom / di-escalation	845	1	845
OT / PT (shared with ASD in Existing)	0	0	0
Willie Ross Deaf Program	varies	2	1,530
Willie Ross Deaf Program Support	0	0	0
SPED Conference Room	0	0	0
Testing	110	1	110
ART & MUSIC			8,425
Art Classroom - 25 seats	varies	2	3,765
Art Workroom w/ Storage & kln	440	1	440
Art Storage	675	1	675
Art Office	100	1	100
Band - 50 - 100 seats	1,290	1	1,290
Chorus - 50 - 100 seats	1,230	1	1,230
Music Tech/Keyboard	430	1	430
Ensemble	0	0	0
Music Practice	varies	2	190
Music Storage	varies	3	305
VOCATIONS & TECHNOLOGY			5,460
Technology/Engineering Rooms			
Technology/Engineering CR / Lab	1,010	1	1,010
Graphic Design Lab	1,100	1	1,100
Culinary Arts Lab	1,130	1	1,130
PK-Child Care Lab	1,130	1	1,130
TV Production	0	0	0
Dark Room	485	1	485
Robotics	605	1	605
HEALTH & PHYSICAL EDUCATION			22,030
Gymnasium	8,565	1	8,565
PE Alternatives	3,950	1	3,950
Gym Storeroom	0	0	0
Locker Rooms - Boys / Girls w/ Toilets	varies	2	3,420
Phys. Ed. Storage	varies	13	1,825
Athletic Director's Office	280	1	280
Health Instructor's Office w/ Shower & Toilet	varies	5	800
Shower	varies	2	525
Trainers Room	varies	3	845
Athletic Storage	0	0	0
Uniform Drying Room	145	1	145
Toilet Rooms - PE	30	2	60
Phys Ed Outdoor Storage	360	1	360
Weight Room	1,255	1	1,255
MEDIA CENTER			3,140
Media Center / Reading Room	2,825	1	2,825
Computer Lab	315	1	315
AUDITORIUM / DRAMA			9,285
Auditorium	6,855	1	6,855
Stage	2,140	1	2,140
Auditorium Storage	90	2	180
Make-up / Dressing Rooms	0	0	0
Controls / Lighting / Projection	110	1	110
DINING & FOOD SERVICE			8,235
Cafeteria / Student Lounge / Break-out	5,140	1	5,140
Chair / Table Storage	0	0	0
Scramble Serving Area	0	0	0
Kitchen	1,600	1	1,600
Freezer	215	1	215
Dry Storage	180	1	180
Staff Lunch Room	725	1	725
Kitchen Toilet	65	1	65
Kitchen Office	310	1	310
MEDICAL			765
Medical Suite Toilet	30	2	60
Nurses' Office / Waiting Room	310	1	310
Interview Room	275	1	275
Examination Room / Resting	120	1	120
ADMINISTRATION & GUIDANCE			4,305
General Office / Waiting Room / Toilet	550	1	550
Teachers' Mail and Time Room	0	0	0
Duplicating Room	0	0	0
Records Room	300	1	300
Principal's Office w/ Conference Area	140	1	140
Principal's Secretary / Waiting	0	0	0
Assistant Principal's Office - AP1	140	1	140
Assistant Principal's Office - AP2	170	1	170
Supervisory / Spare Office	100	2	200
Conference Room	710	1	710
Guidance Office	varies	4	360
Guidance Waiting Room	260	1	260
Guidance Storeroom	65	1	65
Career Center	260	1	260
Records Room	35	1	35
Teachers' Work Room	445	1	445
SRO Office	260	1	260
Grad Coach			
Guidance Conf Room			
Toilet	30	1	30
Adjustment Counselor	115	1	115
Psychologist	200	1	200
Kitchenette	65	1	65
CUSTODIAL & MAINTENANCE			2,605
Custodian's Office	195	1	195
Custodian's Workshop	615	1	615
Custodian's Storage	varies	4	1,025
Recycling Room / Trash	0	0	0
Receiving and General Supply	0	0	0
Storeroom	0	0	0
Network / Telecom Room	115	1	115
Outside Eq Storage	655	1	655
OTHER			20,238
Other (specify)			
Swimming Pool Complex	9,570	1	9,570
District Central Offices	5,988	1	5,988
IT/ELCAT	3,465	1	3,465
Garage	1,215	1	1,215
Total Building Net Floor Area (NFA)			133,948
Proposed Student Capacity / Enrollment			
NON-PROGRAMMED SPACES			
Other Occupied Rooms (list separately)			
Unoccupied MEP/FP Spaces			
Unoccupied Closets, Supply Rooms & Storage Rooms			
Toilet Rooms			
Circulation (corridors, stairs, ramps & elevators)			
Remaining ²			
Total Building Gross Floor Area (GFA)²			186,890
Grossing factor (GFA/NFA)			1.40

PROPOSED								
Existing to Remain/Renovated			New			Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		0			46,270			46,270
		0	850	25	21,250	850	25	21,250
		0	100	25	2,500	100	25	2,500
		0	500	2	1,000	500	2	1,000
		0	1,440	8	11,520	1,440	8	11,520
		0	200	8	1,600	200	8	1,600
		0	200	1	200	200	1	200
		0	200	3	600	200	3	600
		0	850	4	3,400	850	4	3,400
		0	850	2	1,700	850	2	1,700
		0	500	1	500	500	1	500
		0	2,000	1	2,000	2,000	1	2,000
		0			10,650			10,650
		0	1,200	0	0	1,200	0	0
		0	250	1	250	250	1	250
		0	500	4	2,000	500	4	2,000
		0	150	10	1,500	150	10	1,500
		0	1,200	1	1,200	1,200	1	1,200
		0	1,200	1	1,200	1,200	1	1,200
		0	1,200	1	1,200	1,200	1	1,200
		0	1,000	1	1,000	1,000	1	1,000
		0	500	1	500	500	1	500
		0	500	2	1,000	500	2	1,000
		0	200	2	400	200	2	400
		0	400	1	400	400	1	400
		0			6,625			6,625
		0	1,200	2	2,400	1,200	2	2,400
		0	150	2	300	150	2	300
		0	1,500	1	1,500	1,500	1	1,500
		0	1,500	1	1,500	1,500	1	1,500
		0	200	1	200	200	1	200
		0	75	3	225	75	3	225
		0	500	1	500	500	1	500
		0			7,200			7,200
		0	2,000	1	2,000	2,000	1	2,000
		0	1,200	1	1,200	1,200	1	1,200
		0	1,600	1	1,600	1,600	1	1,600
		0	1,200	1	1,200	1,200	1	1,200
		0	1,200	1	1,200	1,200	1	1,200
		0			21,830			21,830
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		0	3,000	1	3,000	3,000	1	3,000
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		0	250	2	500	250	2	500
		0	300	1	300	300	1	300
		0	500	1	500	500	1	500
		0	145	1	145	145	1	145
		0	30	2	60	30	2	60
		0	360	1	360	360	1	360
		0	1,255	1	1,255	1,255	1	1,255
		0			4,900			4,900
		0	4,900	1	4,900	4,900	1	4,900
		0	0	0	0	0	0	0
		0			8,183			8,183
		0	5,333	1	5,333	5,333	1	5,333
		0	1,600	1	1,600	1,600	1	1,600
		0	450	1	450	450	1	450
		0	300	2	600	300	2	600
		0	200	1	200	200	1	200
		0			8,800			8,800
		0	4,000	1	4,000	4,000	1	4,000
		0	350	1	350	350	1	350
		0	1,200	1	1,200	1,200	1	1,200
		0	2,800	1	2,800	2,800	1	2,800
		0	450	1	450	450	1	450
		0			970			970
		0	60	2	120	60	2	120
		0	250	1	250	250	1	250
		0	100	2	200	100	2	200
		0	100	4	400	100	4	400
		0			4,945			4,945
		0	400	1	400	400	1	400
		0	100	1	100	100	1	100
		0	200	1	200	200	1	200
		0	200	1	200	200	1	200
		0	375	1	375	375	1	375
		0	125					

Proposed Space Summary - High Schools

Option 5 - Split Building

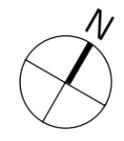
JWA PDP 8-05-2022

East Longmeadow High School			
ROOM TYPE	Existing Conditions		
	ROOM NFA ¹	# OF RMS	area totals
CORE ACADEMIC SPACES			40,735
<i>(List classrooms of different sizes separately)</i>			
Classroom - General	varies	33	25,415
Teacher Planning	400	1	400
Small Group Seminar (20-30 seats)	0	0	0
Science Classroom / Lab	varies	10	9,345
Prep Room	varies	4	1,285
Central Chemical Storage Rm	0	0	0
Green House	245	1	245
Business Classrooms	varies	3	2,600
Health Classroom	780	1	1,445
EL Classroom	705	1	0
Large Group Instruction	0	0	0
SPECIAL EDUCATION			8,725
<i>(List classrooms of different sizes separately)</i>			
SPED SC	varies	4	2,910
S C Toilet, Shower (in above)	95	1	95
Resource Room, incl C Grid	varies	2	1,645
Small Group Room	0	0	0
S C Medically Fragile	805	1	805
Self Contained Life Skills	785	1	785
Self Contained Life Skills 16 - 22	0	0	0
ASD Classroom / di-escalation	845	1	845
OT / PT (shared with ASD in Existing)	0	0	0
Willie Ross Deaf Program	varies	2	1,530
Willie Ross Deaf Program Support	0	0	0
SPED Conference Room	0	0	0
Testing	110	1	110
ART & MUSIC			8,425
Art Classroom - 25 seats	varies	2	3,765
Art Workroom w/ Storage & kln	440	1	440
Art Storage	675	1	675
Art Office	100	1	100
Band - 50 - 100 seats	1,290	1	1,290
Chorus - 50 - 100 seats	1,230	1	1,230
Music Tech/Keyboard	430	1	430
Ensemble	0	0	0
Music Practice	varies	2	190
Music Storage	varies	3	305
VOCATIONS & TECHNOLOGY			5,460
Technology/Engineering Rooms			
Technology/Engineering CR / Lab	1,010	1	1,010
Graphic Design Lab	1,100	1	1,100
Culinary Arts Lab	1,130	1	1,130
PK-Child Care Lab	1,130	1	1,130
TV Production	0	0	0
Dark Room	485	1	485
Robotics	605	1	605
HEALTH & PHYSICAL EDUCATION			22,030
Gymnasium	8,565	1	8,565
PE Alternatives	3,950	1	3,950
Gym Storeroom	0	0	0
Locker Rooms - Boys / Girls w/ Toilets	varies	2	3,420
Phys. Ed. Storage	varies	13	1,825
Athletic Director's Office	280	1	280
Health Instructor's Office w/ Shower & Toilet	varies	5	800
Shower	varies	2	525
Trainers Room	varies	3	845
Athletic Storage	0	0	0
Uniform Drying Room	145	1	145
Toilet Rooms - PE	30	2	60
Phys Ed Outdoor Storage	360	1	360
Weight Room	1,255	1	1,255
MEDIA CENTER			3,140
Media Center / Reading Room	2,825	1	2,825
Computer Lab	315	1	315
AUDITORIUM / DRAMA			9,285
Auditorium	6,855	1	6,855
Stage	2,140	1	2,140
Auditorium Storage	90	2	180
Make-up / Dressing Rooms	0	0	0
Controls / Lighting / Projection	110	1	110
DINING & FOOD SERVICE			8,235
Cafeteria / Student Lounge / Break-out	5,140	1	5,140
Chair / Table Storage	0	0	0
Scramble Serving Area	0	0	0
Kitchen	1,600	1	1,600
Freezer	215	1	215
Dry Storage	180	1	180
Staff Lunch Room	725	1	725
Kitchen Toilet	65	1	65
Kitchen Office	310	1	310
MEDICAL			765
Medical Suite Toilet	30	2	60
Nurses' Office / Waiting Room	310	1	310
Interview Room	275	1	275
Examination Room / Resting	120	1	120
ADMINISTRATION & GUIDANCE			4,305
General Office / Waiting Room / Toilet	550	1	550
Teachers' Mail and Time Room	0	0	0
Duplicating Room	0	0	0
Records Room	300	1	300
Principal's Office w/ Conference Area	140	1	140
Principal's Secretary / Waiting	0	0	0
Assistant Principal's Office - AP1	140	1	140
Assistant Principal's Office - AP2	170	1	170
Supervisory / Spare Office	100	2	200
Conference Room	710	1	710
Guidance Office	varies	4	360
Guidance Waiting Room	260	1	260
Guidance Storeroom	65	1	65
Career Center	260	1	260
Records Room	35	1	35
Teachers' Work Room	445	1	445
SRO Office	260	1	260
Grad Coach			
Guidance Conf Room			
Toilet	30	1	30
Adjustment Counselor	115	1	115
Psychologist	200	1	200
Kitchenette	65	1	65
CUSTODIAL & MAINTENANCE			2,605
Custodian's Office	195	1	195
Custodian's Workshop	615	1	615
Custodian's Storage	varies	4	1,025
Recycling Room / Trash	0	0	0
Receiving and General Supply	0	0	0
Storeroom	0	0	0
Network / Telecom Room	115	1	115
Outside Eq Storage	655	1	655
OTHER			20,238
Other (specify)			
Swimming Pool Complex	9,570	1	9,570
District Central Offices	5,988	1	5,988
IT/ELCAT	3,465	1	3,465
Garage	1,215	1	1,215
Total Building Net Floor Area (NFA)			133,948
Proposed Student Capacity / Enrollment			
NON-PROGRAMMED SPACES			
Other Occupied Rooms (list separately)			
Unoccupied MEP/FP Spaces			
Unoccupied Closets, Supply Rooms & Storage Rooms			
Toilet Rooms			
Circulation (corridors, stairs, ramps & elevators)			
Remaining ²			
Total Building Gross Floor Area (GFA)²			186,890
Grossing factor (GFA/NFA)			1.40

PROPOSED								
Existing to Remain/Renovated			New			Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		0			46,270			46,270
		0	850	25	21,250	850	25	21,250
		0	100	25	2,500	100	25	2,500
		0	500	2	1,000	500	2	1,000
		0	1,440	8	11,520	1,440	8	11,520
		0	200	8	1,600	200	8	1,600
		0	200	1	200	200	1	200
		0	200	3	600	200	3	600
		0	850	4	3,400	850	4	3,400
		0	850	2	1,700	850	2	1,700
		0	500	1	500	500	1	500
		0	2,000	1	2,000	2,000	1	2,000
		0			10,650			10,650
		0	1,200	0	0	1,200	0	0
		0	250	1	250	250	1	250
		0	500	4	2,000	500	4	2,000
		0	150	10	1,500	150	10	1,500
		0	1,200	1	1,200	1,200	1	1,200
		0	1,200	1	1,200	1,200	1	1,200
		0	1,200	1	1,200	1,200	1	1,200
		0	1,000	1	1,000	1,000	1	1,000
		0	500	1	500	500	1	500
		0	500	2	1,000	500	2	1,000
		0	200	2	400	200	2	400
		0	400	1	400	400	1	400
		0			6,625			6,625
		0	1,200	2	2,400	1,200	2	2,400
		0	150	2	300	150	2	300
		0	1,500	1	1,500	1,500	1	1,500
		0	1,500	1	1,500	1,500	1	1,500
		0	200	1	200	200	1	200
		0	75	3	225	75	3	225
		0	500	1	500	500	1	500
		0			7,200			7,200
		0	2,000	1	2,000	2,000	1	2,000
		0	1,200	1	1,200	1,200	1	1,200
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		0	1,200	1	1,200	1,200	1	1,200
		0	12,000	1	12,000	12,000	1	12,000
		0	3,000	1	3,000	3,000	1	3,000
		0	300	1	300	300	1	300
		0	4,480	1	4,480	4,480	1	4,480
		0	500	1	500	500	1	500
		0	250	1	250	250	1	250
		0	250	2	500	250	2	500
		0	300	1	300	300	1	300
		0	500	1	500	500	1	500
		0	500	1	500	500	1	500
		0			4,900			4,900
		0	4,900	1	4,900	4,900	1	4,900
		0			8,183			8,183
		0	5,333	1	5,333	5,333	1	5,333
		0	1,600	1	1,600	1,600	1	1,600
		0	450	1	450	450	1	450
		0	300	2	600	300	2	600
		0	200	1	200	200	1	200
		0			8,800			8,800
		0	4,000	1	4,000	4,000	1	4,000
		0	350	1	350	350	1	350
		0	1,200	1	1,200	1,200	1	1,200
		0	2,800	1	2,800	2,800	1	2,800
		0	450	1	450	450	1	450
		0			970			970
		0	60	2	120	60	2	120
		0	250	1	250	250	1	250
		0	100	2	200	100	2	200
		0	100	4	400	100	4	400
		0			4,945			4,945
		0	400	1	400	400	1	400
		0	100	1	100	100	1	100
		0	200	1	200	200	1	200
		0	200	1	200	200	1	200
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		0	150	1	150	150	1	150
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		0	100	1	100			

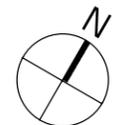


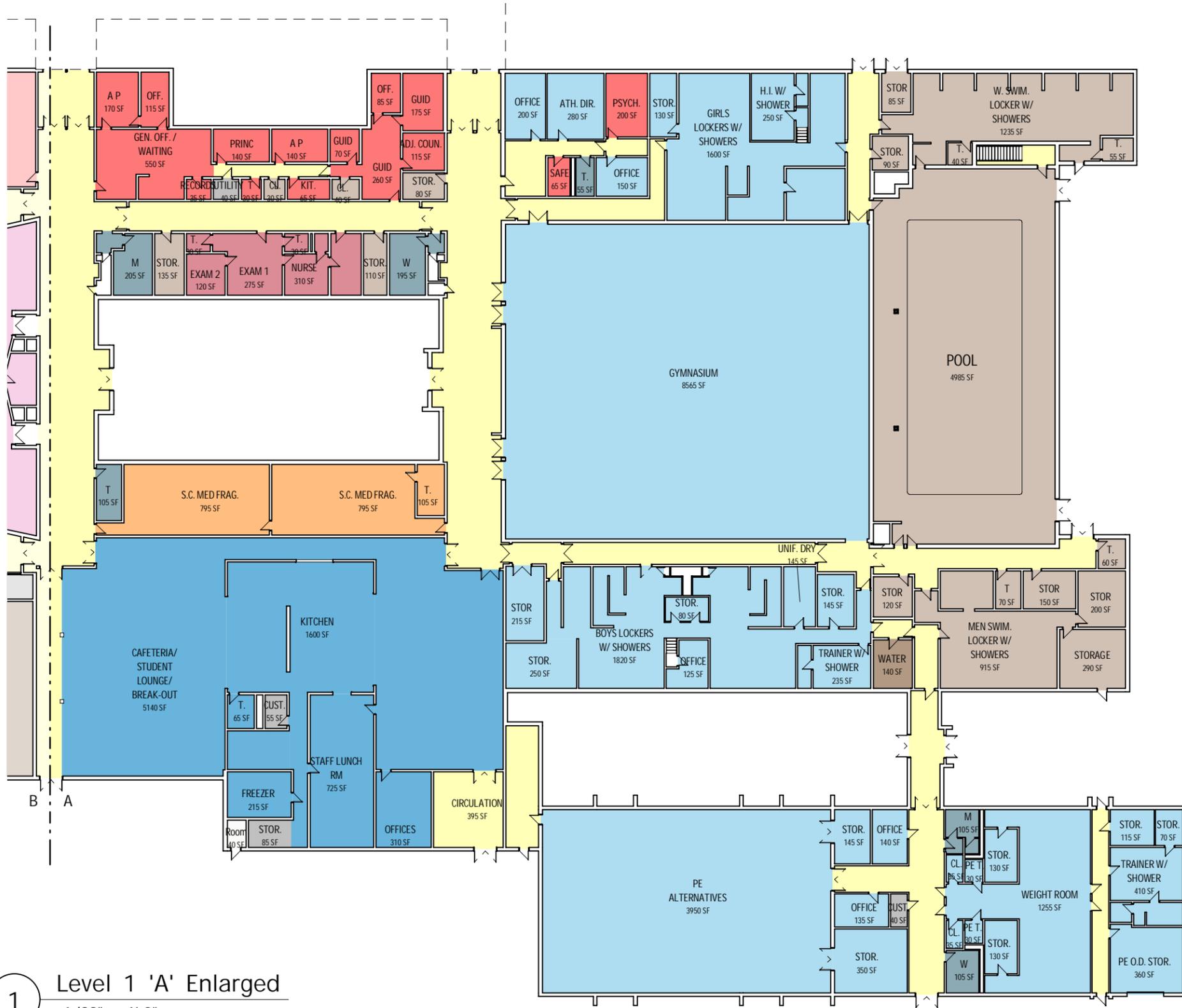
1ST LEVEL GROSS SQUARE FOOTAGE: 151,813 SF
 TOTAL GROSS SQUARE FOOTAGE: 186,890 SF



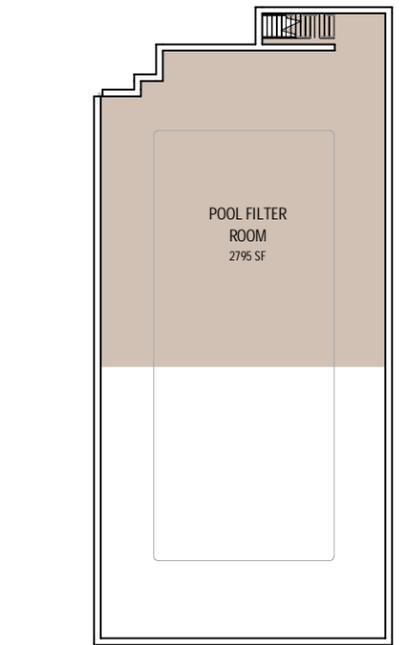


2ND LEVEL GROSS SQUARE FOOTAGE: 35,077 SF
 TOTAL GROSS SQUARE FOOTAGE: 186,890 SF

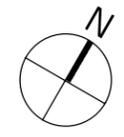


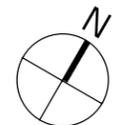


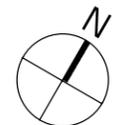
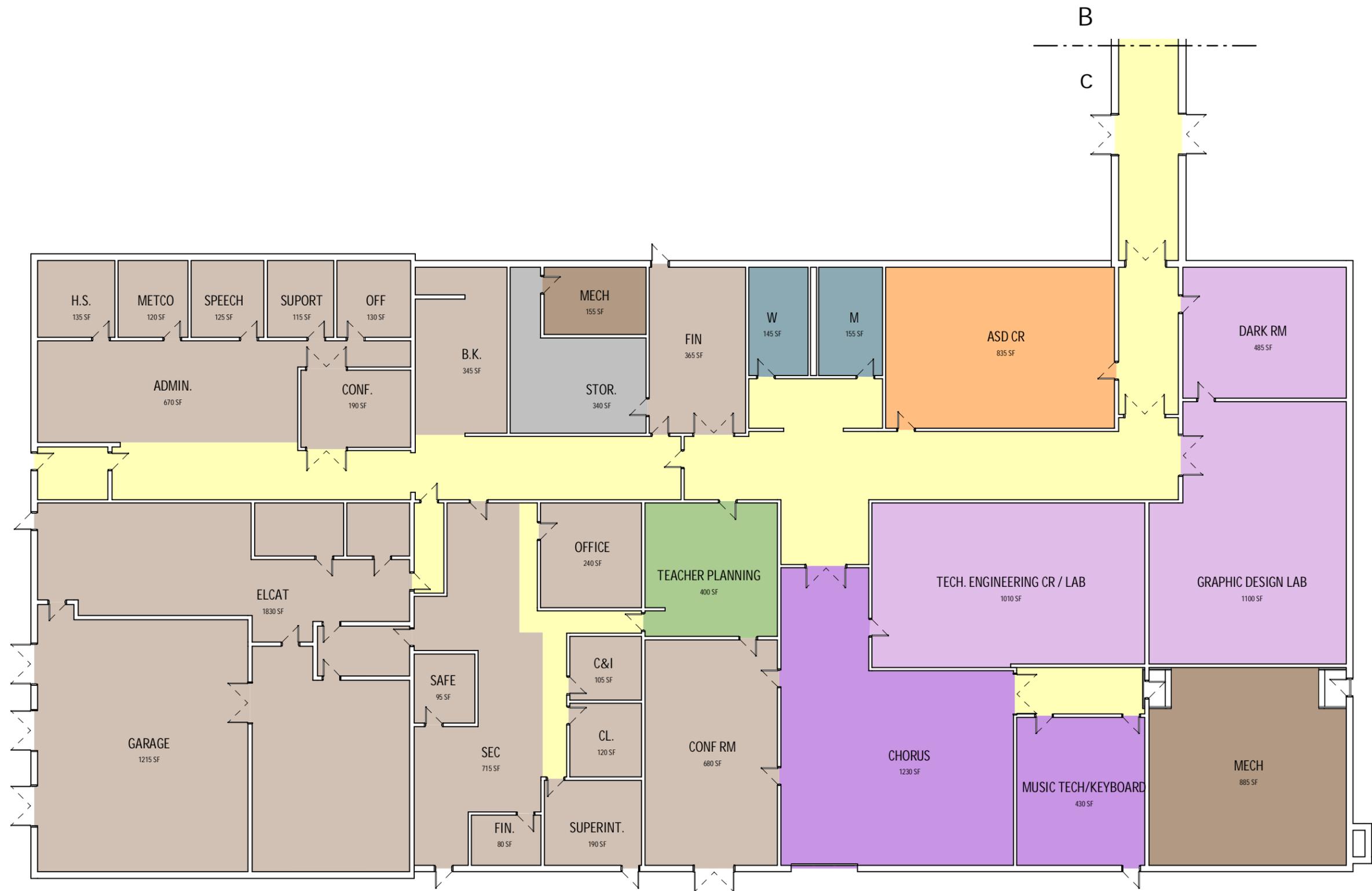
1 Level 1 'A' Enlarged
1/32" = 1'-0"



2 LOWER POOL LEVEL
1/32" = 1'-0"

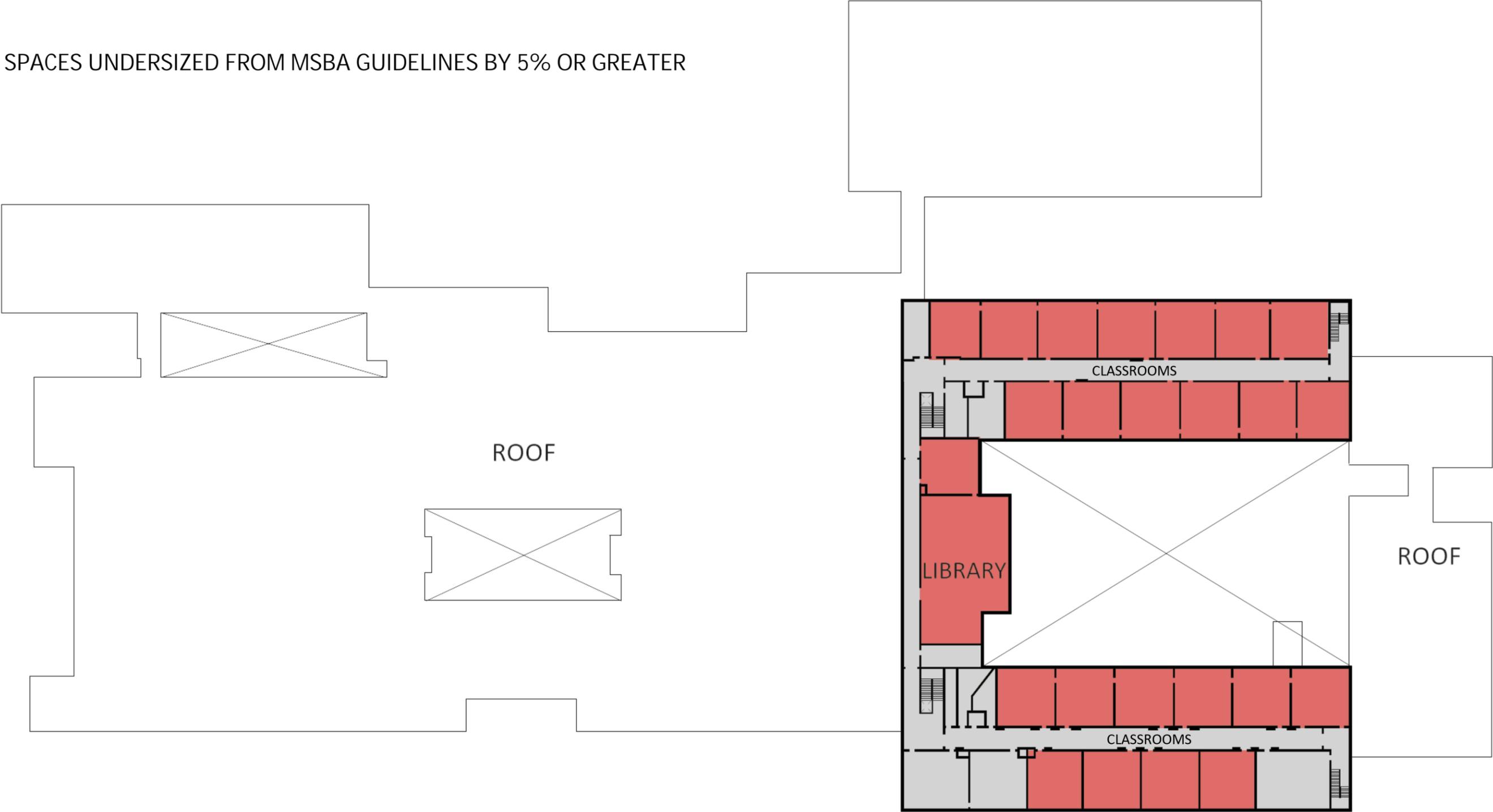








SPACES UNDERSIZED FROM MSBA GUIDELINES BY 5% OR GREATER



3.E

SPACE SUMMARY VARIANCES NARRATIVE

Proposed Space Summaries Overview with Deviations between Design Goal (New Construction) and MSBA Guidelines). For the Addition/Renovation options the variance from guidelines is different because of existing spaces that are retained.

Core Academic Spaces: 46,270 planned vs. MSBA Guidelines of 38,330 SF.

- Classrooms – General: 25 classrooms (21,250 sf) vs. 27 classrooms (22,950 sf)
The school's Master Schedule calculates to 25 classrooms using 23 students per class for most offerings and an 85% utilization rate for the subjects of English, Social Studies, Math, and Classical and Modern Languages.
- Teacher Planning: 2,500 sf vs. 2,700 sf using 100 sf per general classroom
- Science classroom / labs – 8 classroom / labs (11,520 sf) vs 7 classroom / labs 10,080 sf
The school's Master Schedule calculates to 8 classroom / labs using 23 students per class offerings and an 85% utilization rate for each of the science areas of study. One additional prep room is also needed.
- The biology classroom / labs (3) make extensive use of greenhouse facilities. The intent is to incorporate one into each of the 3 biology labs – an additional 600 sf
- Business classrooms – the Program of Studies includes 9 curriculum offerings serving a population of 564 students (70% of the student body). This calculates to 4 classrooms using 23 students per class offerings and an 85% utilization rate. An additional 3,400 sf
- Health Classrooms – based on the Program of studies and student attendance, 4 classrooms using 23 students per class offerings and an 85% utilization rate. An additional 1,700 sf
- ELL Classroom: 500 sf: one ½ size classroom for dedicated ELL instruction
- Large Group Instruction: One proposed flat floored LGI for the school, 2,000 nsf sized for multiple classes will provide flexibility for a variety of instructional methodologies including co-teaching with other classes both within a single discipline and with interdisciplinary classes; outside guest lecturers, and other academic activities.

Special Education: 10,650 sf planned vs. MSBA Guidelines of 9,060 SF

- Life Skills programs for both grades 9-12 and ages 19-22.
- Willie Ross program for the deaf has been a part of ELHS for over 35 years.

Art & Music: There are no deviations from the MSBA Guidelines.

Vocations and Technology: There are no deviations from the MSBA Guidelines.

Health & Physical Education: 21,830 sf planned vs. MSBA Guidelines of 20,680 SF

- Health Instructors offices (an additional 250 sf) to serve both female and male students
- The athletic director has a full time secretary (an additional 100 sf)
- Trainer's room – there is a full-time trainer on staff to serve PE and sports programs. The school is committed to continuing this student service (an additional 300 sf).
- Athletic Storage - (an additional 250 sf)

Media Center - There are no deviations from the MSBA Guidelines in the new construction option.

Auditorium/Drama - There are no deviations from the MSBA Guidelines in the new construction option. In the addition/renovation the auditorium/drama category is oversized by 1,102 sf.

Dining and Food Service

- The inclusion of a Scramble Servery (additional 600 sf) designed to provide students a variety of healthy choices that will increase student participation
- Increased kitchen size for preparation of approximately 600 meals daily for two elementary schools that do not have kitchens. (an additional 700 sf) The HS kitchen has always served in this commissary capacity.

Medical

- An additional toilet room (an additional 60 sf)

Administration & Guidance – 4,945 sf planned vs. MSBA Guidelines of 3,795 SF.

The administrative offices and guidance offices are sized to house the existing staff of the two areas.

- Second assistant principal (an additional 150 sf)
- SRO officer – full time position (an additional 150 sf)
- Graduation coach – a full time position to assist students with credit recovery and other issues to ensure the best graduation rate (an additional 250 sf). This room use includes direct instruction to small groups of students.
- Guidance office conference room (an additional 300 sf) – there is a significant need for conference space. It is anticipated that the administrative offices and guidance offices will be located apart from each other.
- Adjustment counselor (an additional 150 sf) - a full time position to assist students
- School psychologist (an additional 150 sf) - a full time position to assist students

Custodial & Maintenance - There are no deviations from the MSBA Guidelines

Other

- East Longmeadow Public Schools Central Office: The East Longmeadow Public Schools Central Office occupies approximately 5,988 sf of the existing ELHS. The proposed Central office is intended to be 4,000 net sf. This smaller size accounts for a more efficient organization, the elimination of some storage space and the elimination of a large conference room., based on the assumption that the new auditorium and Large Group Instruction area can meet public meeting needs.
- Swimming pool: ELHS currently contains an indoor swimming pool. It serves an integral part of the physical education curriculum. It also serves the larger East Longmeadow community. The pool has been a part of the school since 1963. The facility is anticipated to be approximately 15,000 gsf and would include a 6-lane pool; required changing and shower facilities; observation area and the utility support areas.
- ELCAT Studio/IT Dept: ELHS currently contains East Longmeadow Community Access Television (ELCAT) Studio which occupies approximately 1,635 sf of the existing ELHS building near the District Offices and where it produces two streams of programs- school content (student productions, sports broadcasts, etc.) and town content (public meetings). There is a relationship between ELHS curriculum and internships, with the ELCAT studio and personnel. The proposal is to place the studio and editing functions within the high school as a voc tech program with a licensed instructor capable of teaching video production and editing and using 1,200 sf of space, and then locate 1,000 sf of space with the IT Dept. near District Offices to support the staff, storage and editing needs of the Town's ELCAT program needs.
- Information Technology (IT) space/ELCAT: The IT Dept. requires offices and workspaces to serve the information technology needs of the high school, other EL schools and other town offices (GIS, etc). They currently use 1,635 sf of unused classroom space and utilize space in several storage closets. They have identified the need for 2,000 sf of space to be subdivided into several spaces including a space for department administration, a server/tech room for 4-6 employees, a storage space and a technology support office for direct support to ELHS students and faculty. This division of space will be shown in the PSR.
- Additional locker rooms – 4,480 sf. In the event that the SBC chooses to build a separate community building to house the pool, concessions, district offices, IT and ELCAT and this building is located at a distance from the High School than it is anticipated that additional locker rooms will be needed to support the pool program.

- Concessions: The current track / football includes grandstands for competitions. The complex has ADA issues and it lacks the required toilet facilities required by code. The program need is 1,200 net sf to serve toilets and a modest concession.