

East Longmeadow HS Building Project

Design Development

Topics of Discussion

- CMR Update
- Site Investigation Update
- Design Update
- Toilet Rm Design Options
- Upcoming Agendas
- Old Business
- New Business



AGENDA

- 1) Welcome and Approval of Minutes
- 2) Public Participation
- 3) Skanska - CM Procurement Update
- 4) Design Team Updates
 - Site Investigation Schedule
 - Plan Revisions/Discussions
 - Toilet Room Options
 - Upcoming Reviews
- 5) New Business
- 6) Adjourn

Public Participation

Skanska Update

CM Procurement Update

Design Update

Upcoming Site Investigation Schedule

Site Survey: December 12 – 15

Geotechnical Explorations (borings, test pits): planned for January 2024

Radon Testing: planned for Winter Break

Hazardous Materials Testing: Winter Break or after school in January

Traffic Study (traffic impact study): Early 2024

Sustainable Design Update

IRA Incentives Update

Energy Modelling Process

System Load Calculations

ASHRAE 90.1

TEDI Modelling

Daylight Studies

PV Consultant Engagement

Utility Services

Programming Changes

Nursing Suite

Pupil Services Suite

Band/Chorus

ELCAT / Video Classroom

Art/Kiln/Storage

Locker Rooms / PE Offices

Greenhouse/Science Labs/Outside Educational Storage

Media Center

Second Floor

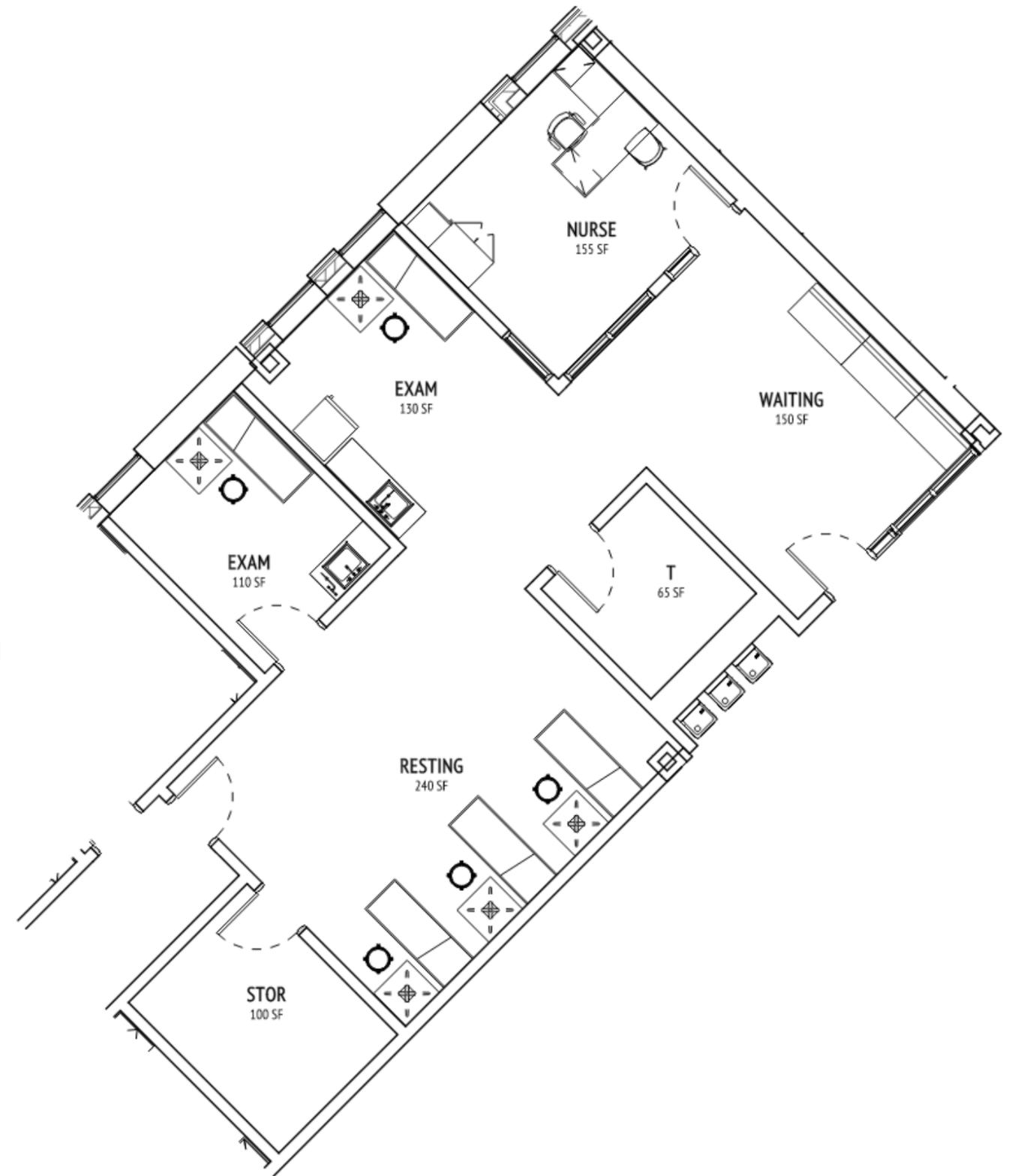
LEGEND

- | | | | |
|----------------------|---------------------------|-------------------------|-------|
| (none) | Voc/Tech | Circulation | ELCAT |
| Core Academic Spaces | Art & Music | Custodial & Maintenance | |
| Special Education | Administration & Guidance | Toilet Rooms | |
| Media Center | T. Planning | MEP | |



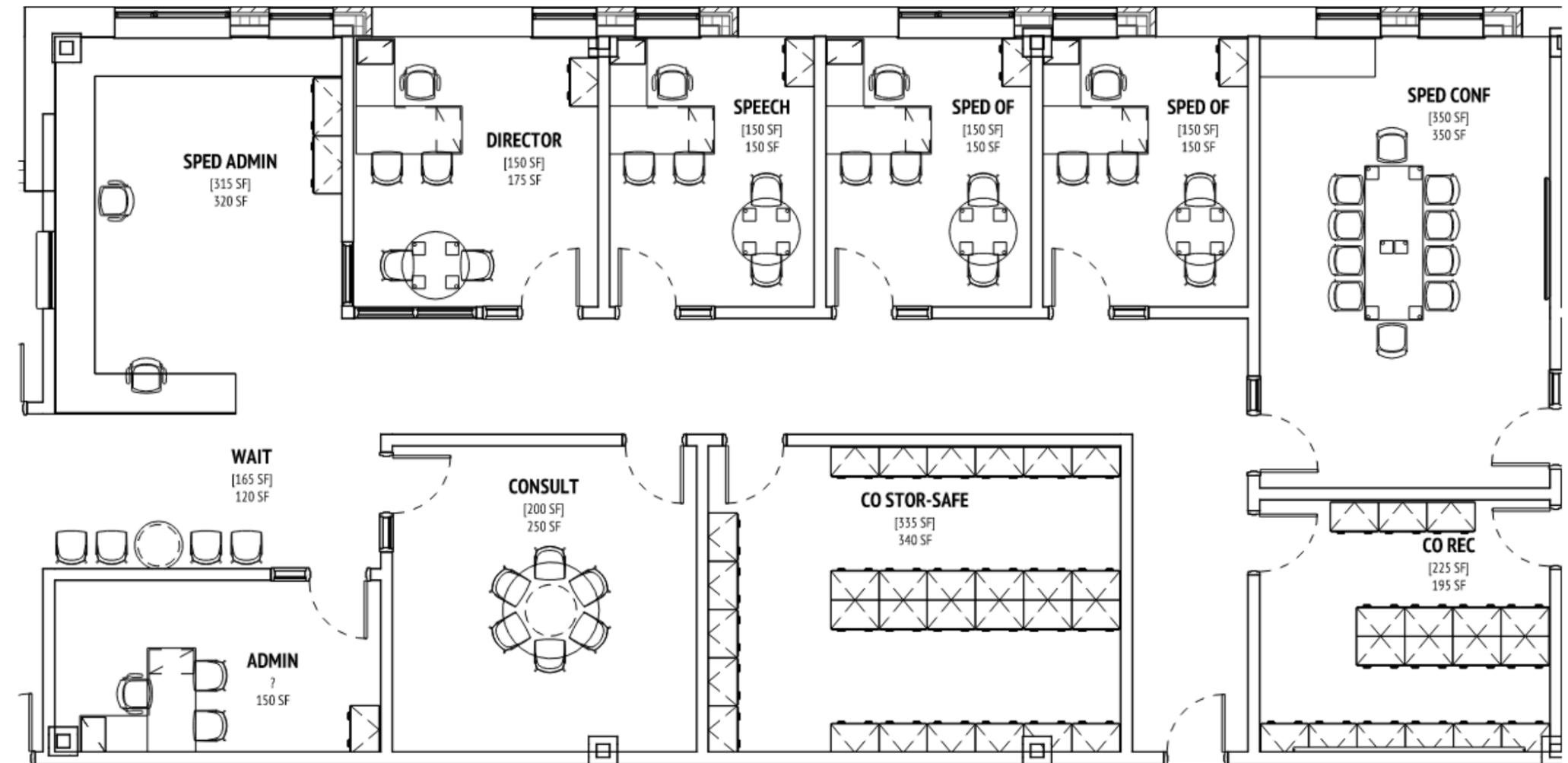
Nursing

Revised to include open rest area and open exam area with Nurse office overseeing all spaces

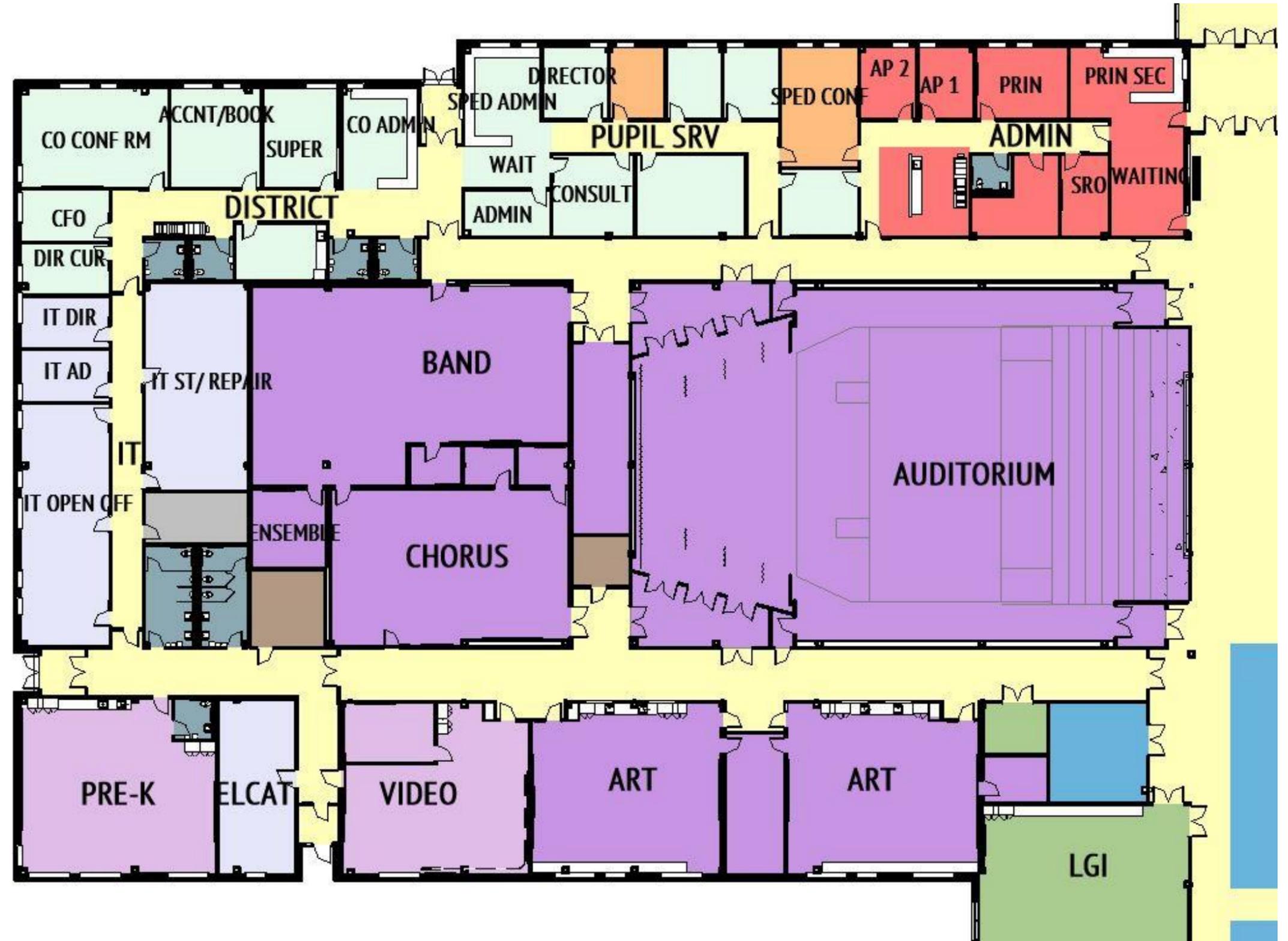


Pupil Services

Revised to bring Consult Rm and Director's Office closer to waiting area. Places one secretary into private office.



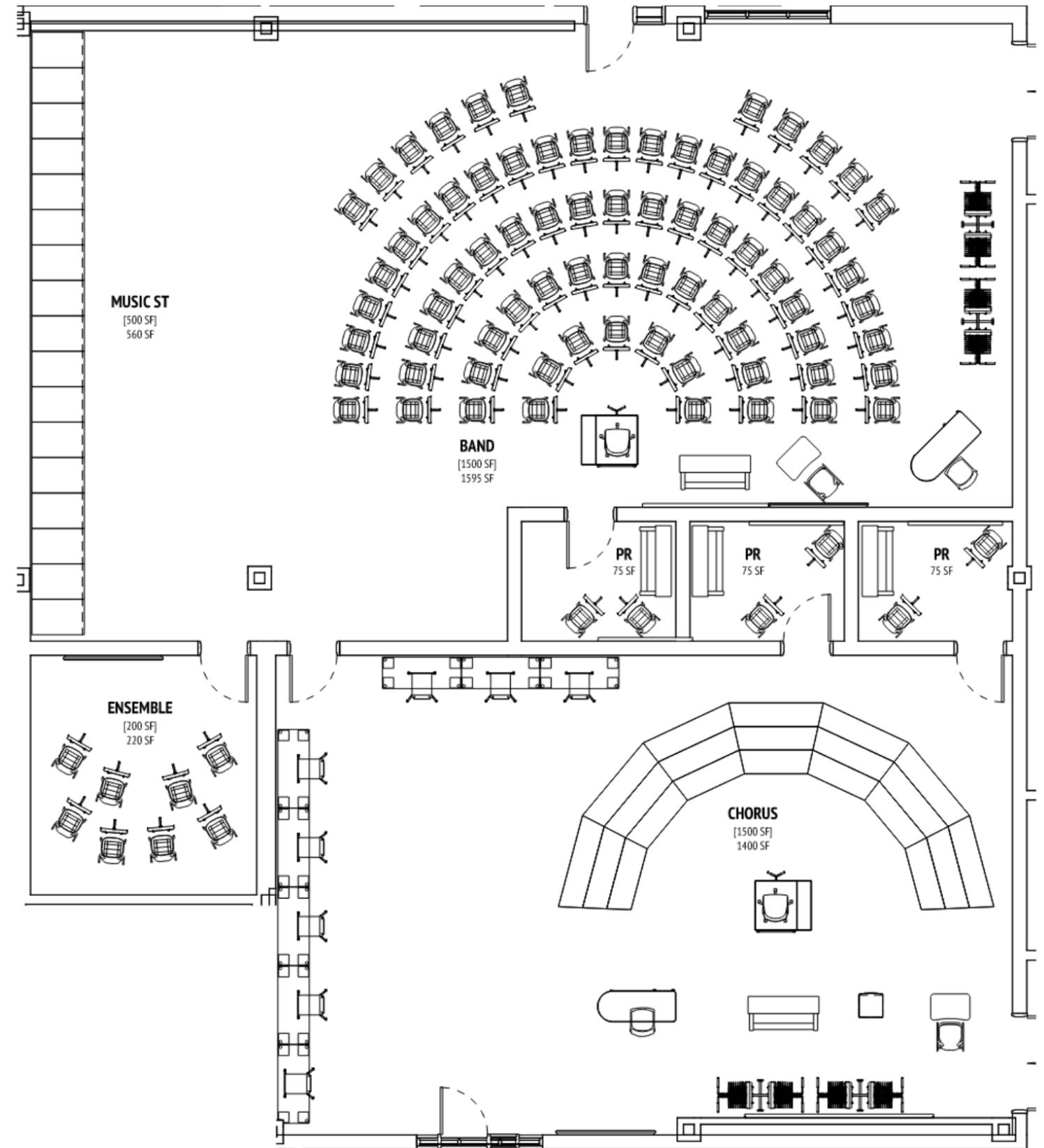
Arts Wing



Band / Chorus

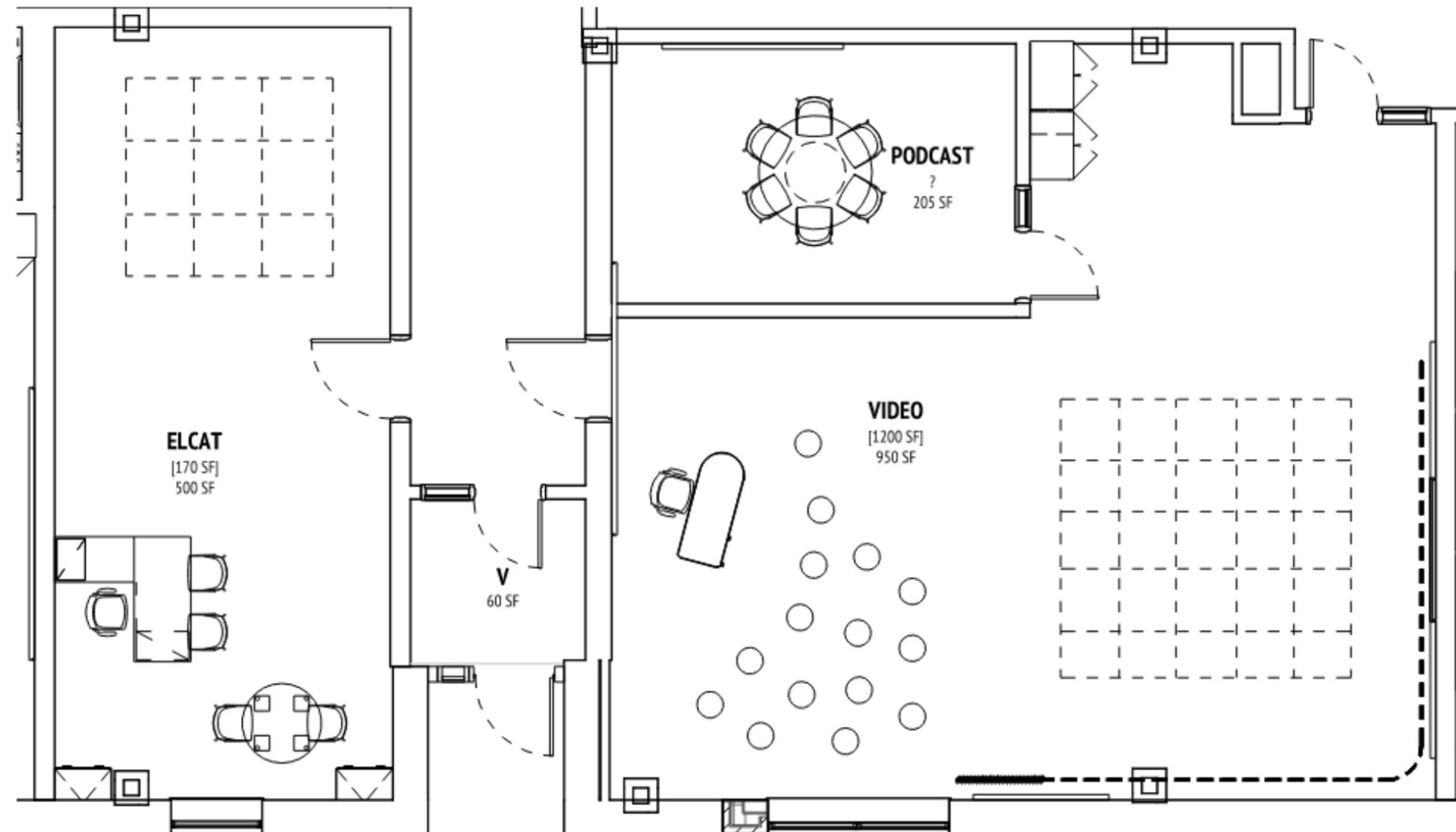
Revised to make band storage part of room. Electrical must remain plan south with door to hall. Band is moved to plan north.

Chorus requests band risers and 12 standing keyboards.



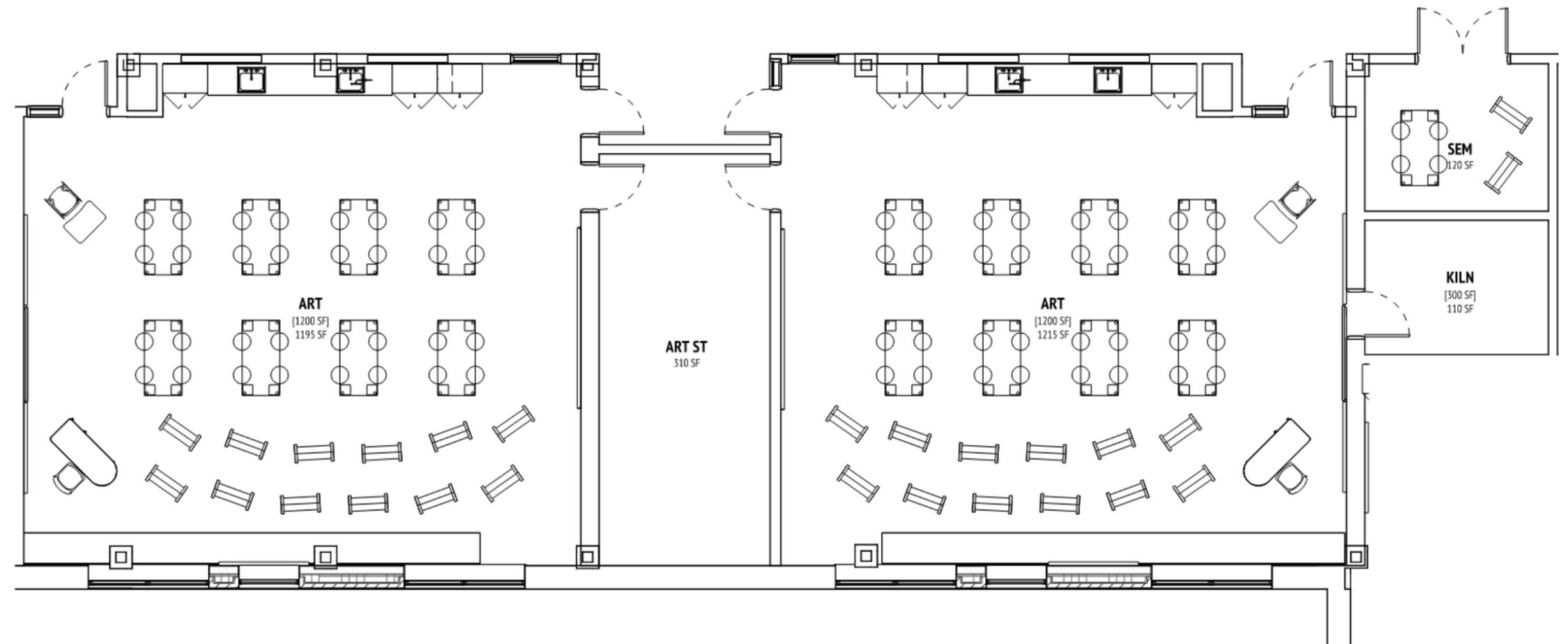
ELCAT/Video

ELCAT request for all spaces to be a single space. Suggestion to subdivide Video Classroom to provide editing/podcasting space within classroom to ensure podcasting remains a student opportunity. (Alternately, the school could establish a podcasting room in the Media Center.)



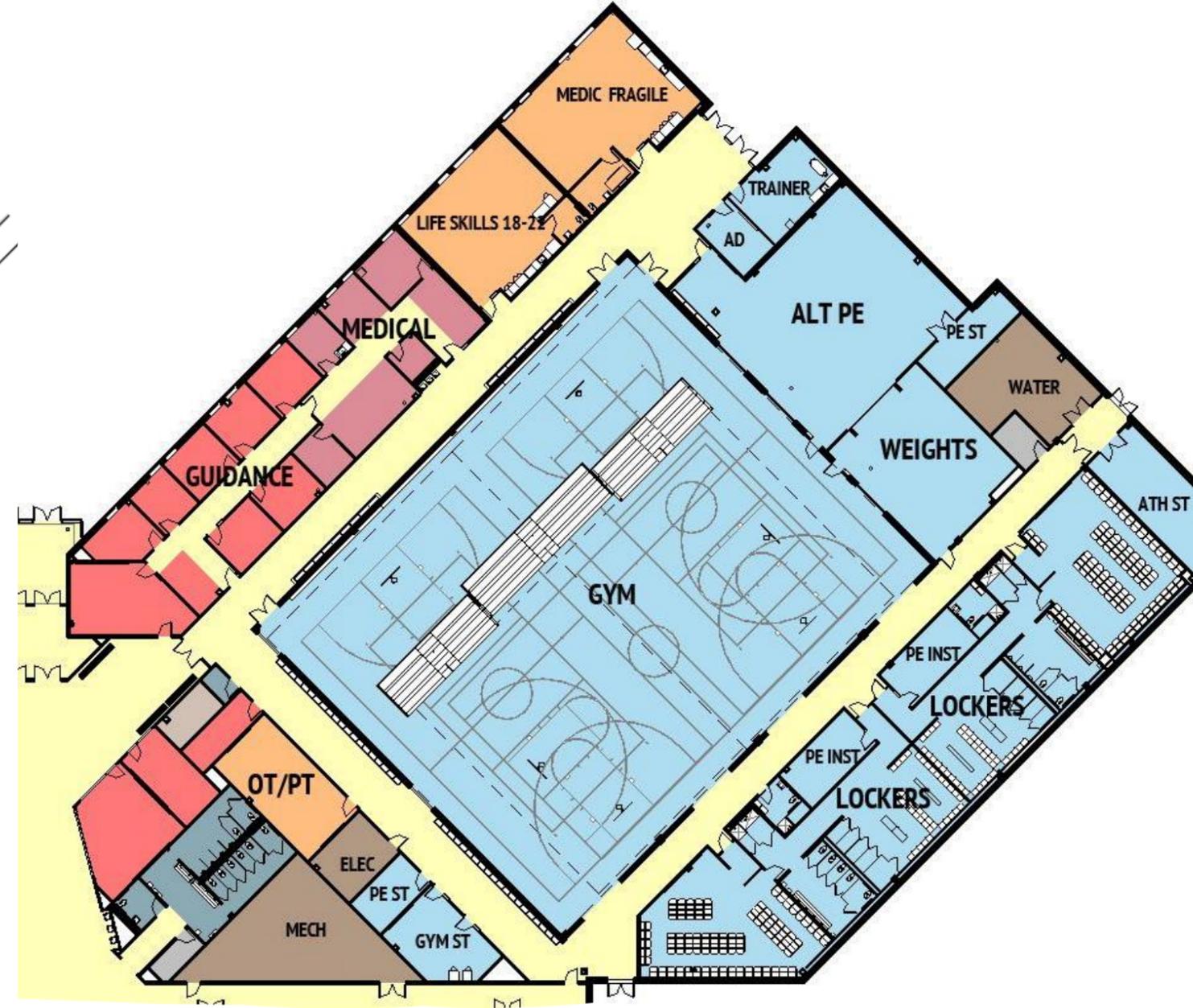
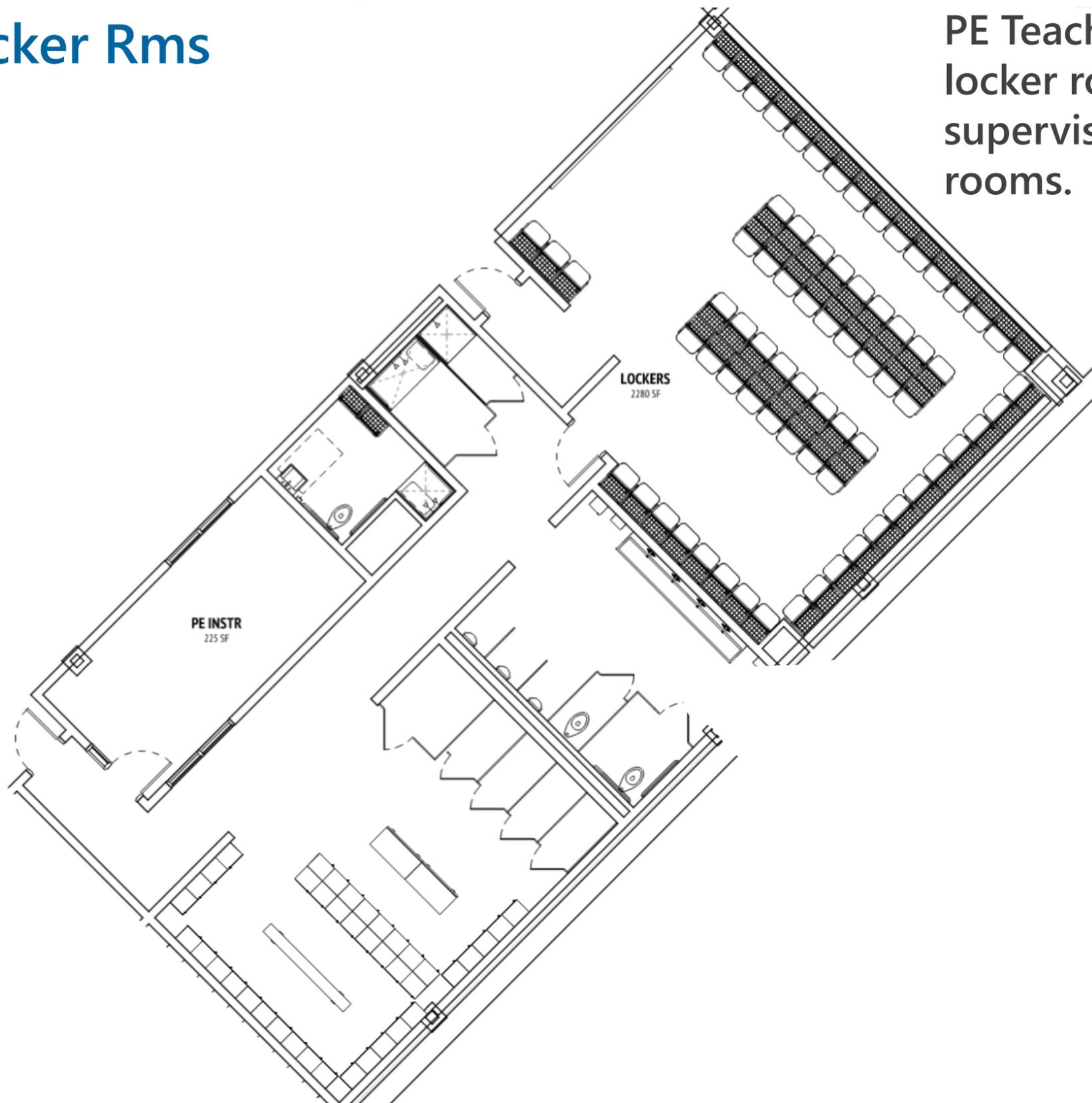
Art

Art asks Administration to revisit kiln decision for hand pottery program. Also asks that storage be shared between rooms. Design Team proposes using the south hall wall of Auditorium for student art display wall.



Locker Rms

PE Teachers reversed design to place offices adjacent to locker room and looking into Gymnasium for better supervision. Reduce shower count. Add changing rooms.



Greenhouse / Science / 9th Grade House

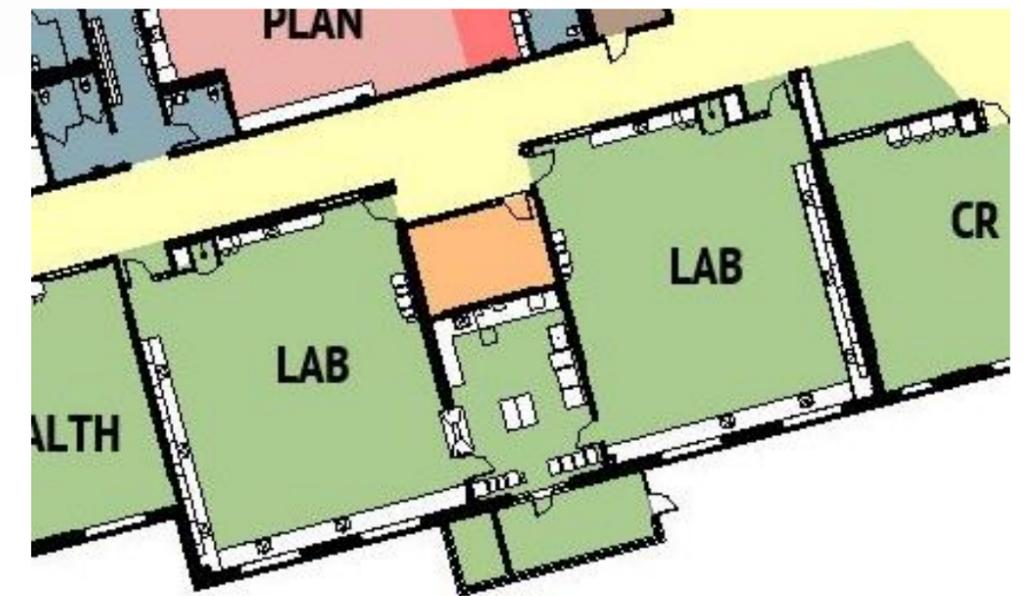
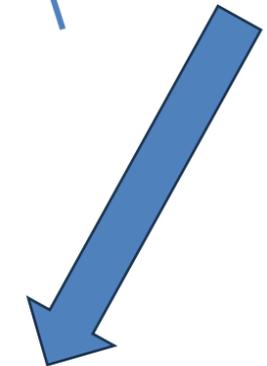


CHEM/CHEM

PHYSICS/BIO

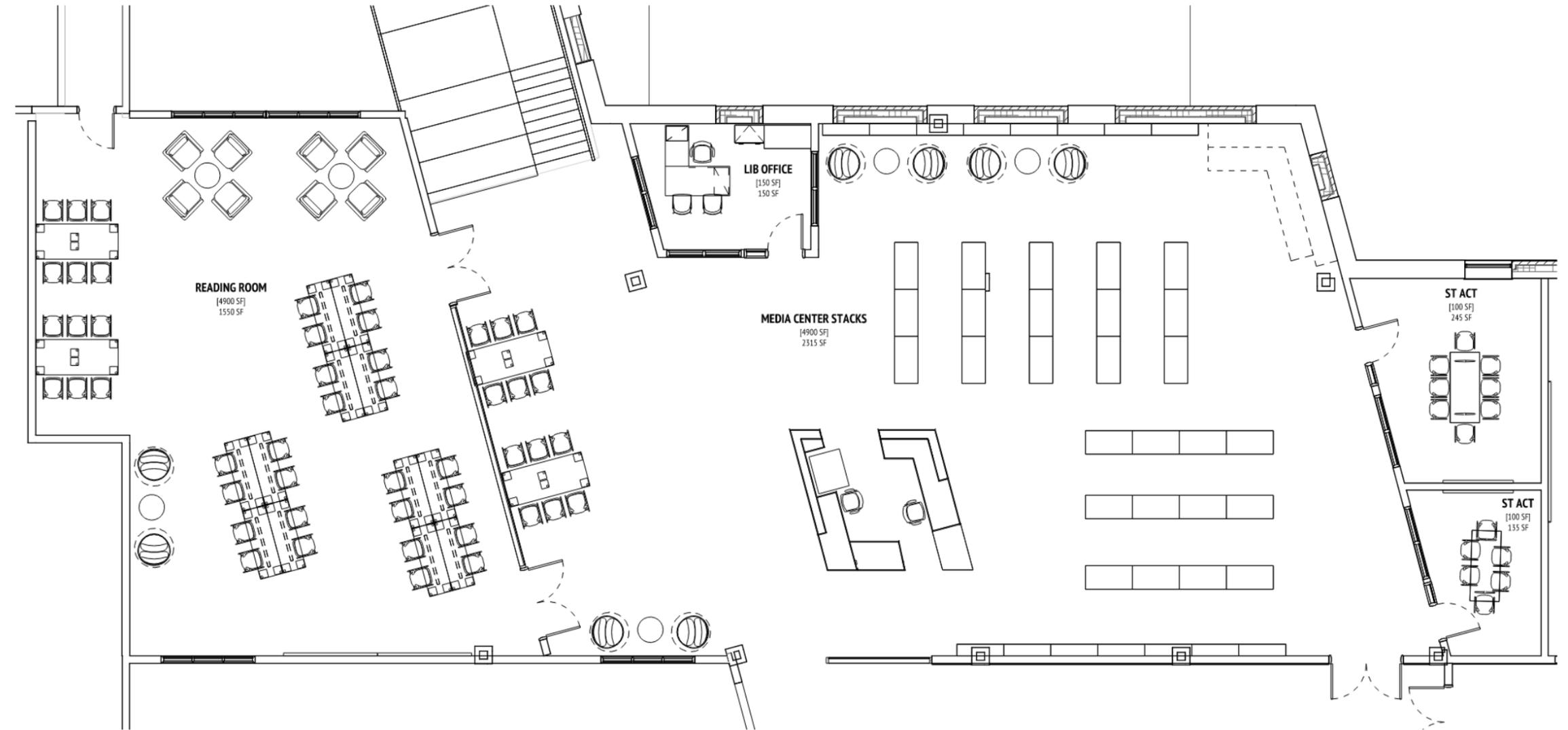
BIO/BIO
9th/10th

FORENSICS/
ENVIRO/BIO



Greenhouse divided to create exterior storage area for soils and outdoor teaching materials.

Media Center



Moved wall to west side of Media Center to allow Reading Room to also serve as an enclosed teaching/professional development space and quiet zone. Moved librarian office to more central location for supervision. Enlarged student activity rooms. Creating small presentation space.

Inclusive Toilet Room Options

As of Dec. 8, 2023 inclusive multi-fixture toilet rooms are allowed by right in Massachusetts without a variance.

Why Consider Inclusive Toilet Rooms?

- 10% of teenagers report a gender diverse identity*
- 27% of LGBTQA students report being bullied on school property**
- LGBTQA students are 2X as likely to miss school because of bullying**
- Can improve behavioral expectations
- Are easier for faculty/staff to supervision
- Aligns with DESE's Aligned Support and inclusion expectations
- Are preferred by most students
- Offering both options in the same school is possible

* National Institute of Health

**2021 Youth Risk Behavior Survey Data

Inclusive Toilet Room Options

What are the typical design features of Inclusive Toilet Rooms

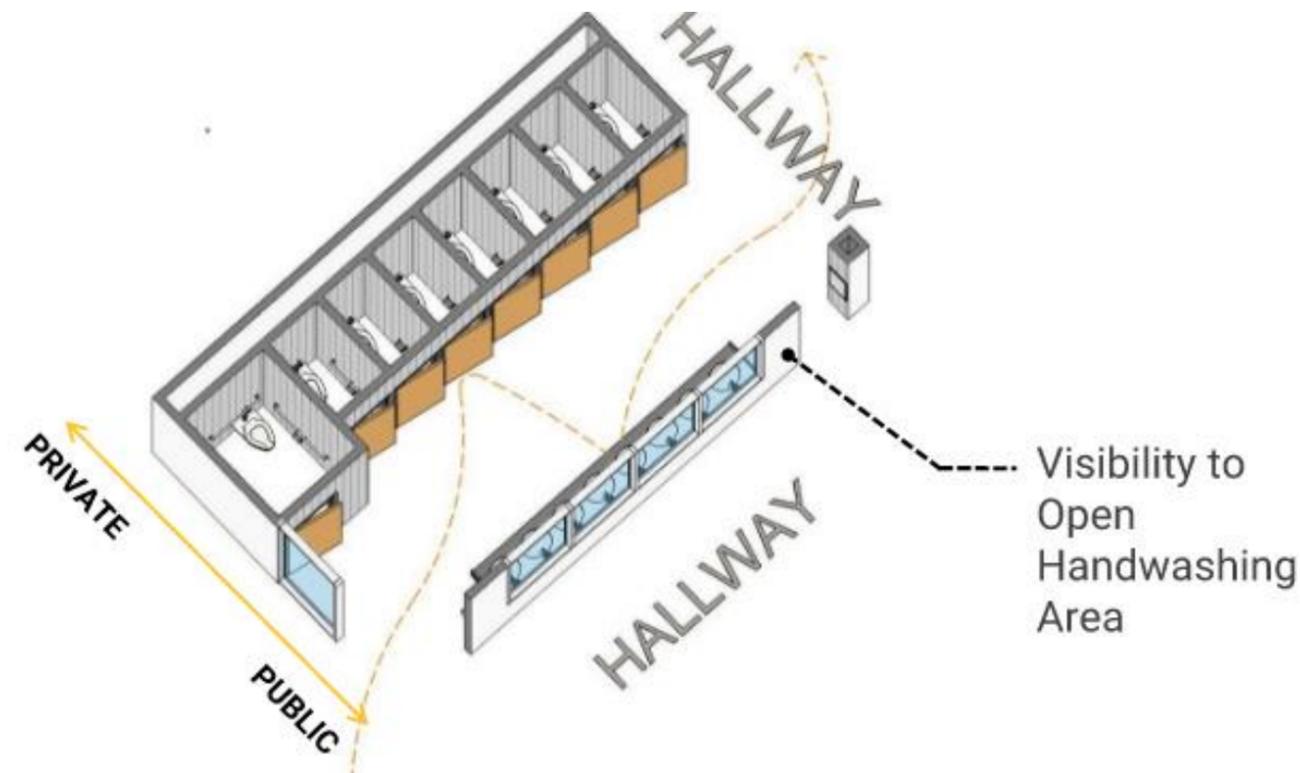
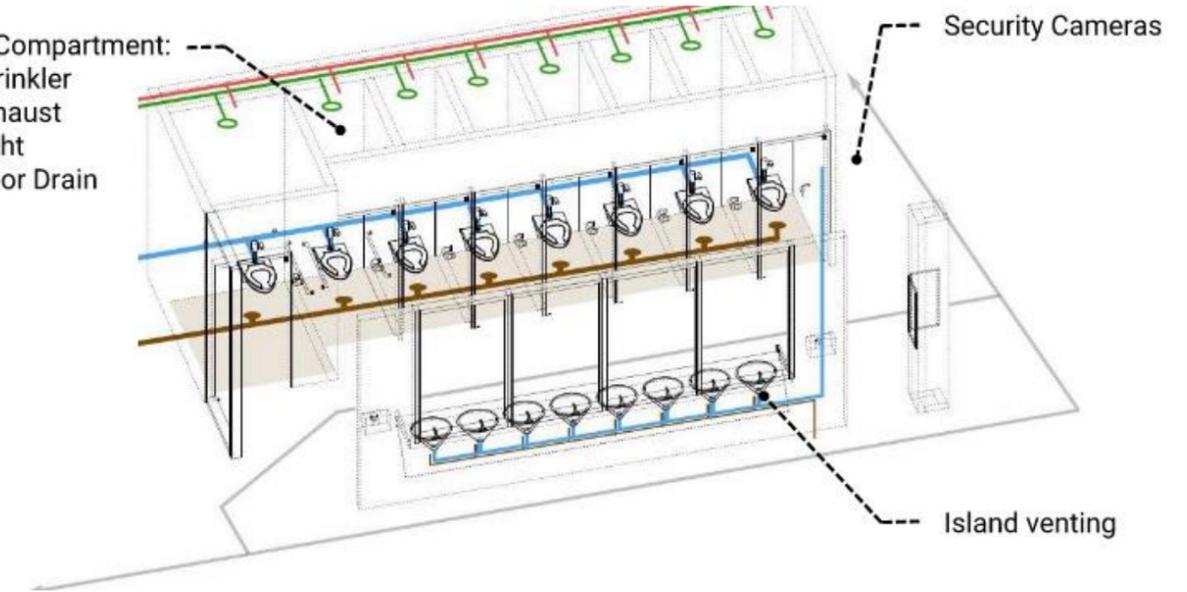
- Full height doors/undercut 4"
- Solid walls or full height partition walls
- Emergency Access Indicator Latch
- Vape Detectors
- Open sink areas
- Open connection to hallways
- Camera monitoring of entries
- Urinals are replaced with toilets
- Fixtures count evenly towards M/F code requirements
- Some designs require more ventilation and lighting

Design Features



Each Compartment:

- Sprinkler
- Exhaust
- Light
- Floor Drain



Dual Indicator Locks



OUTSIDE BATHROOM VIEW

INSIDE BATHROOM VIEW

Cunningham

FULL
DOOR
TO
TOILET

SHARED
SINK
AREA

DOOR TO
HALLWAY

NO
ELECTRIC
DRYER

FULL
DOORS
AND
WALLS

HALF
HEIGHT
WALL





SMALL
FIXTURE
COUNT

SHARED
SINK

CORNER
CONNECTION
TO HALLWAY



EMERGENCY
INDICATOR
LATCH

SHARED SINK
AREA

ONE WAY
ENTRY



PAPER TOWEL
HOLDER



UNDERCUT
PARTITION
DOORS

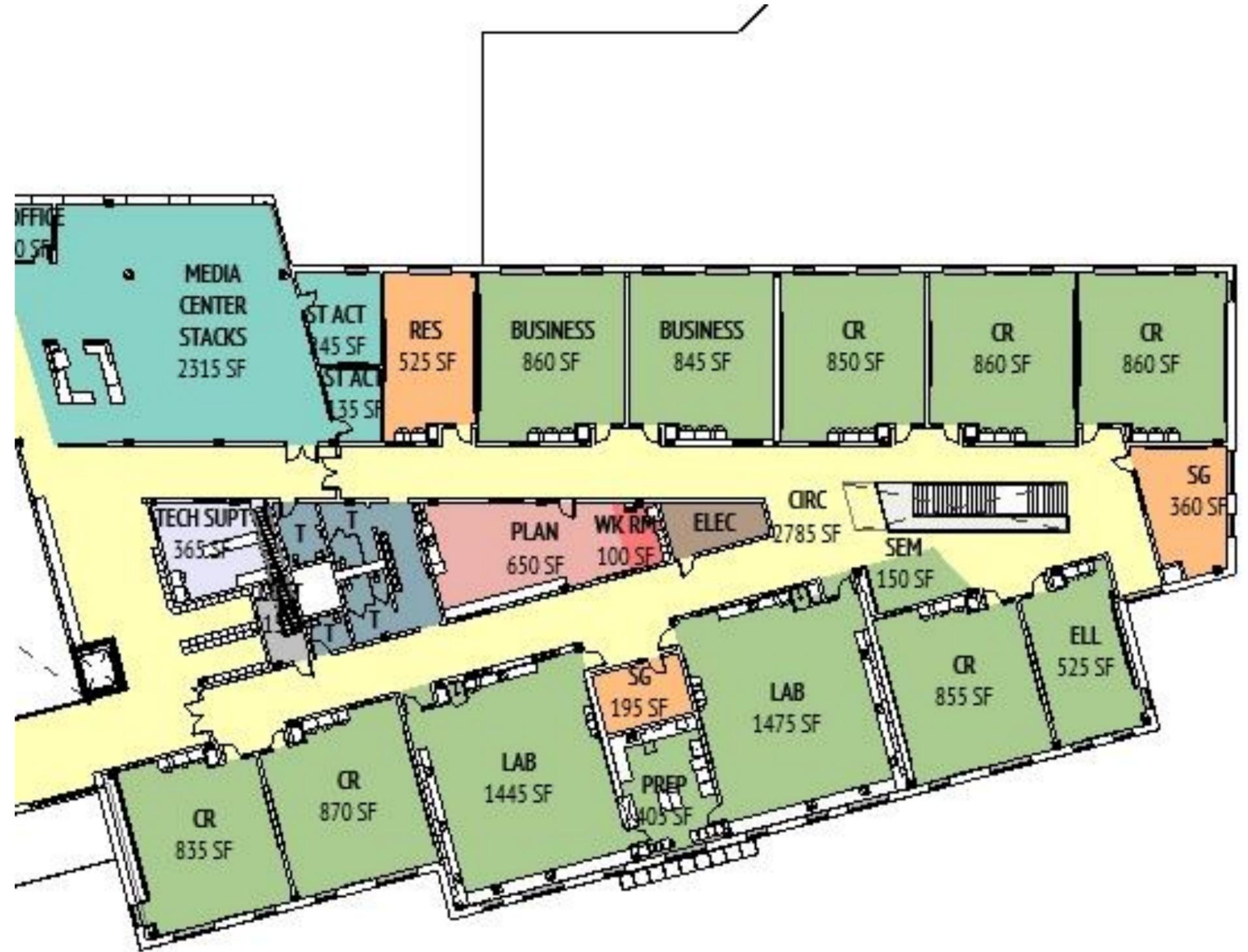
Floor Plan Overview

LEGEND

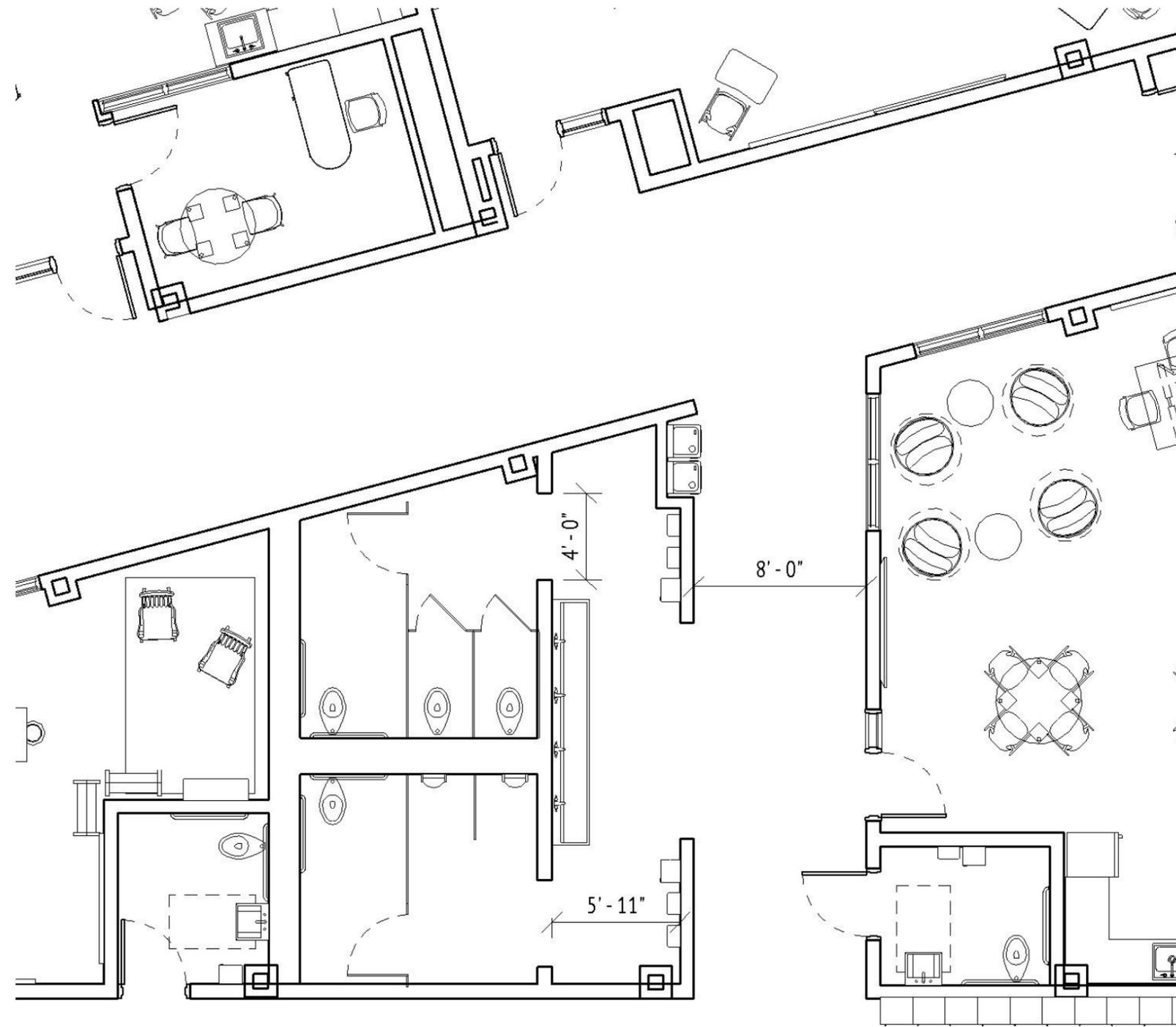
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|--|--|--|---|
| Core Academic Spaces | Art & Music | Custodial & Maintenance | District |
| Special Education | Administration & Guidance | Toilet Rooms | |
| Health & Physical Education | Medical | MEP | |
| Dining & Food Service | T. Planning | Other | |
| Voc/Tech | Circulation | ELCAT | |



Typical Academic Arrangement

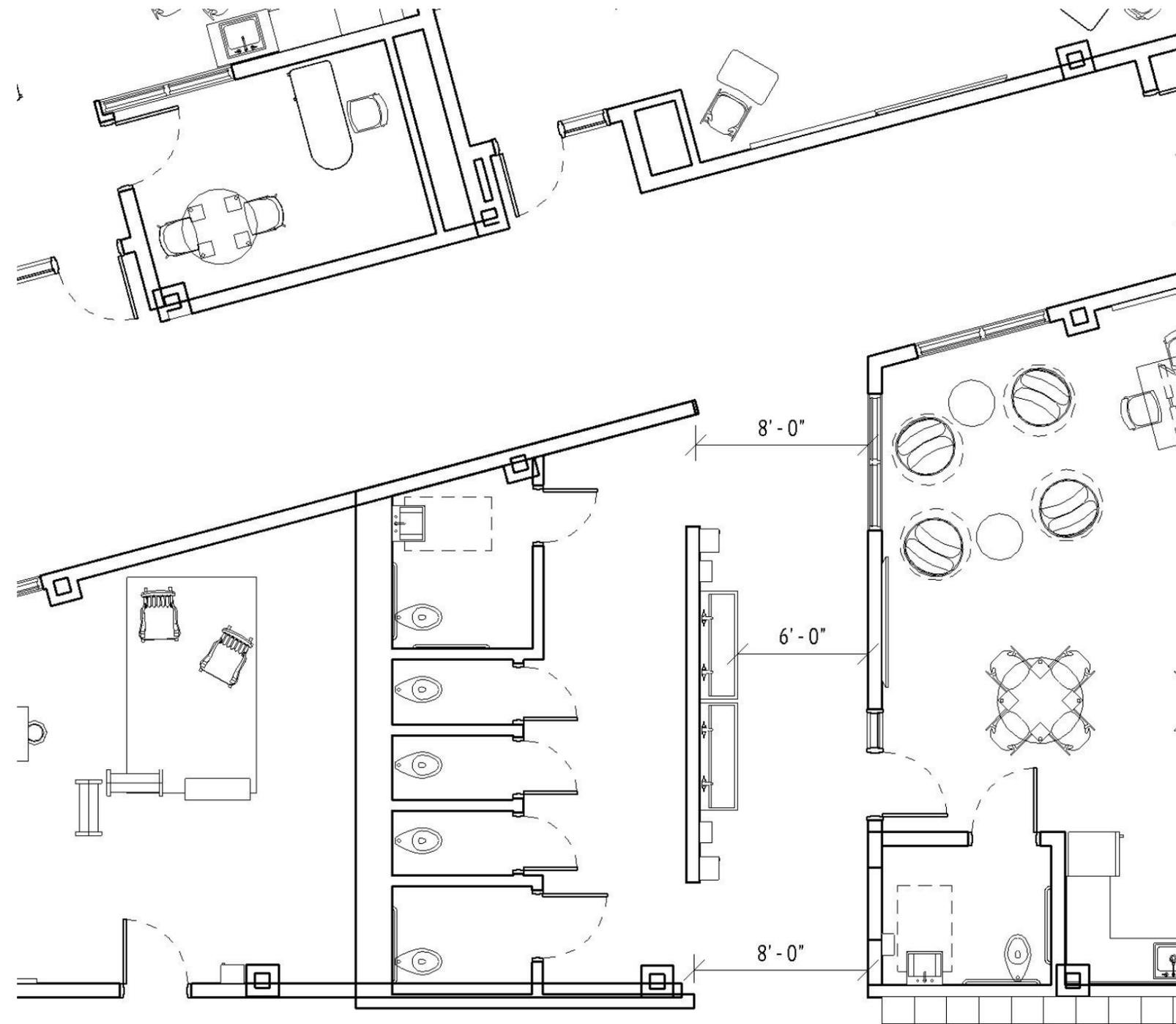


Inclusive Toilet Room Options



Base Design at SD
Current Gendered Layout

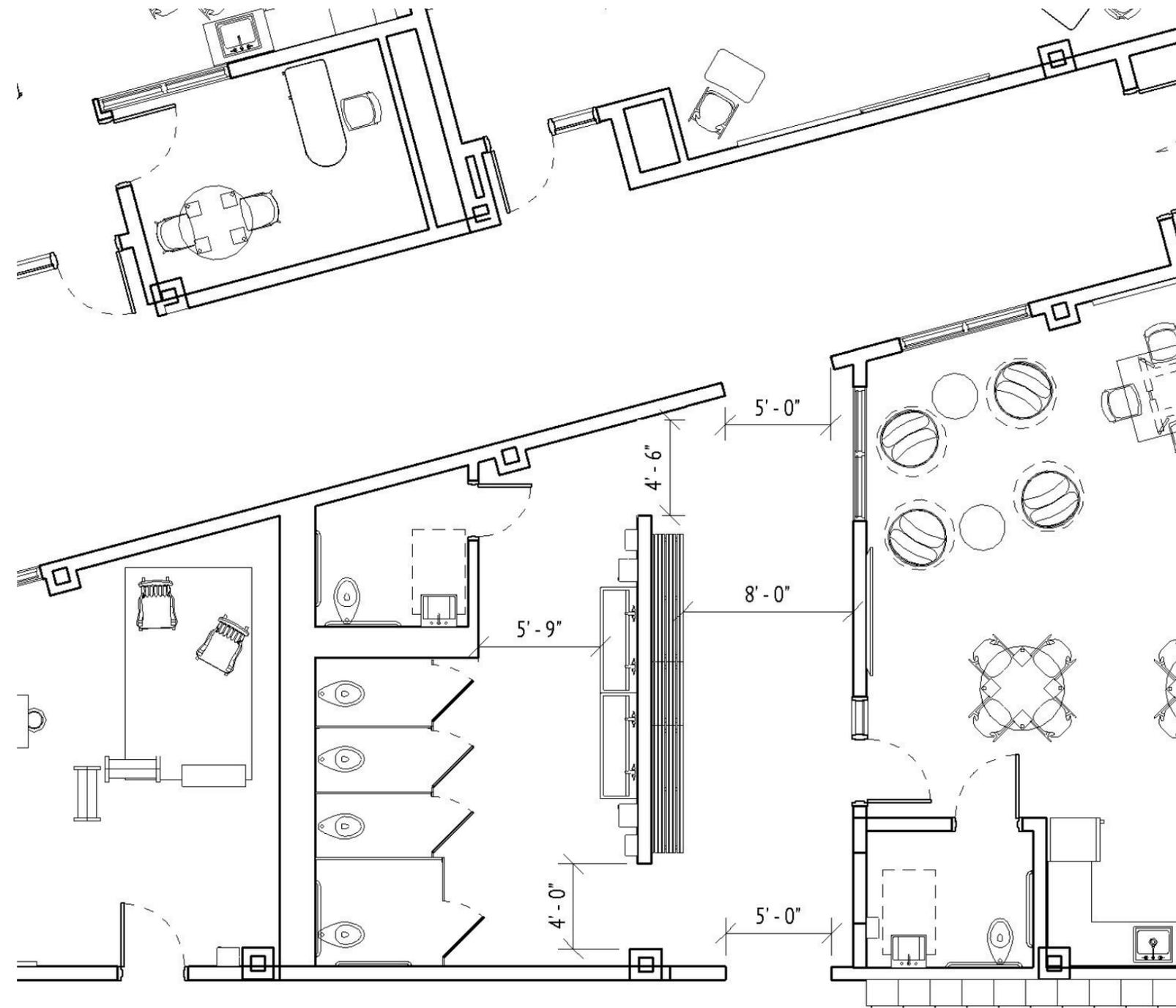
Inclusive Toilet Room Options



OPTION 1

Sink to outside
Wall partitions and solid, undercut doors

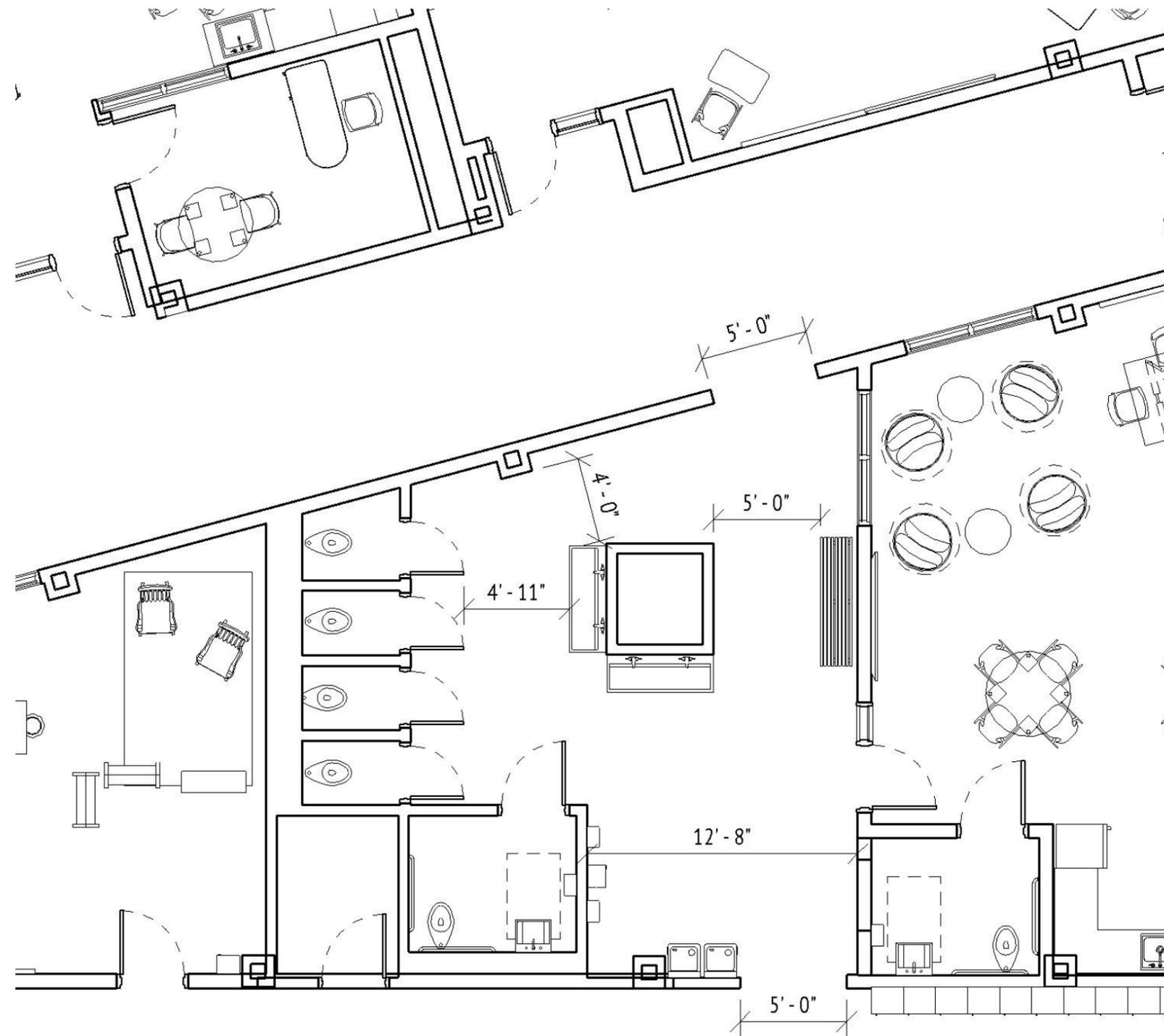
Inclusive Toilet Room Options



OPTION 2

Sink to inside
Partitions rather than walls and doors
Includes bench

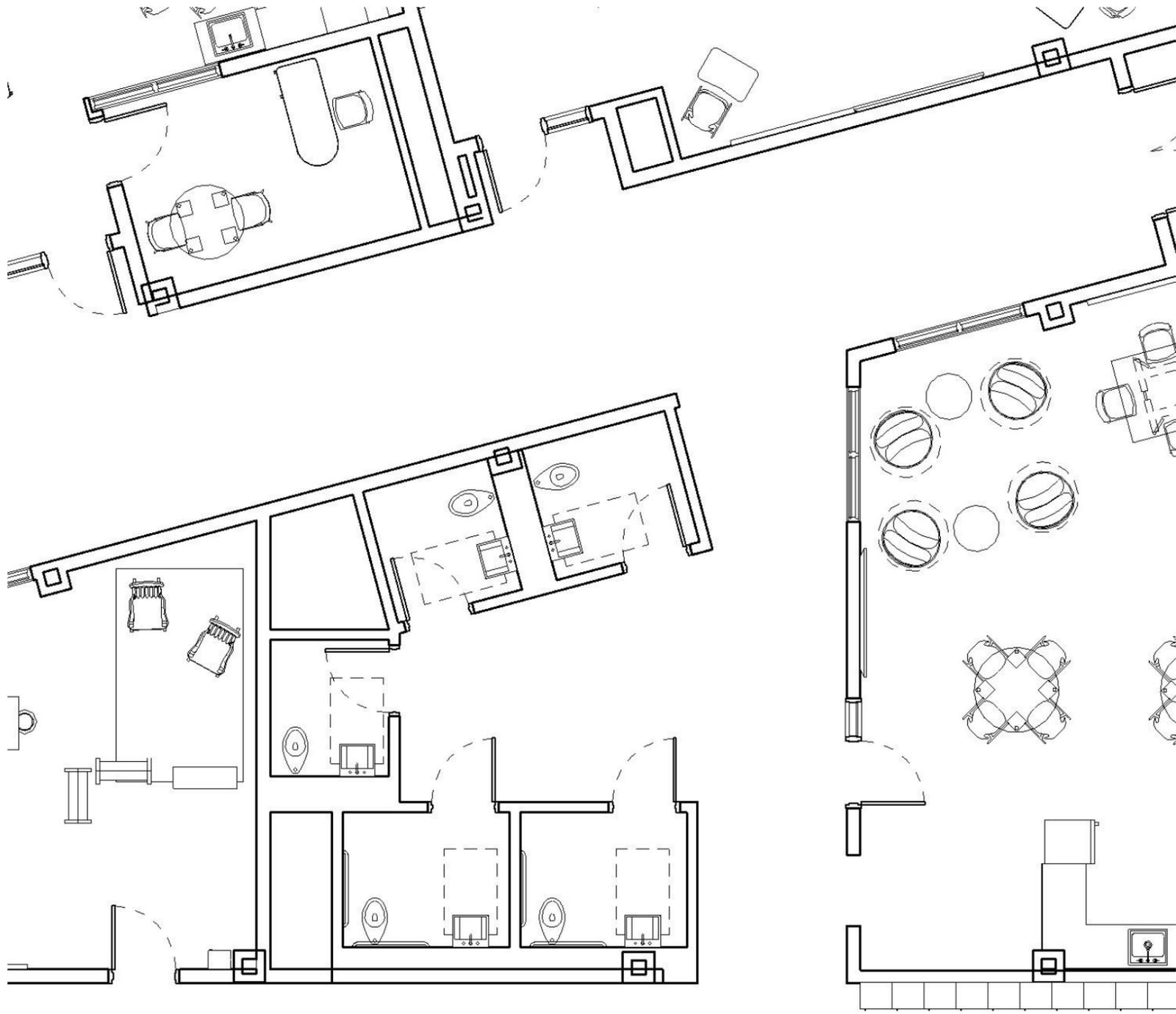
Inclusive Toilet Room Options



OPTION 3

- Open interior/narrower entry
- Room for water heater storage & extra custodial closet
- Includes bench

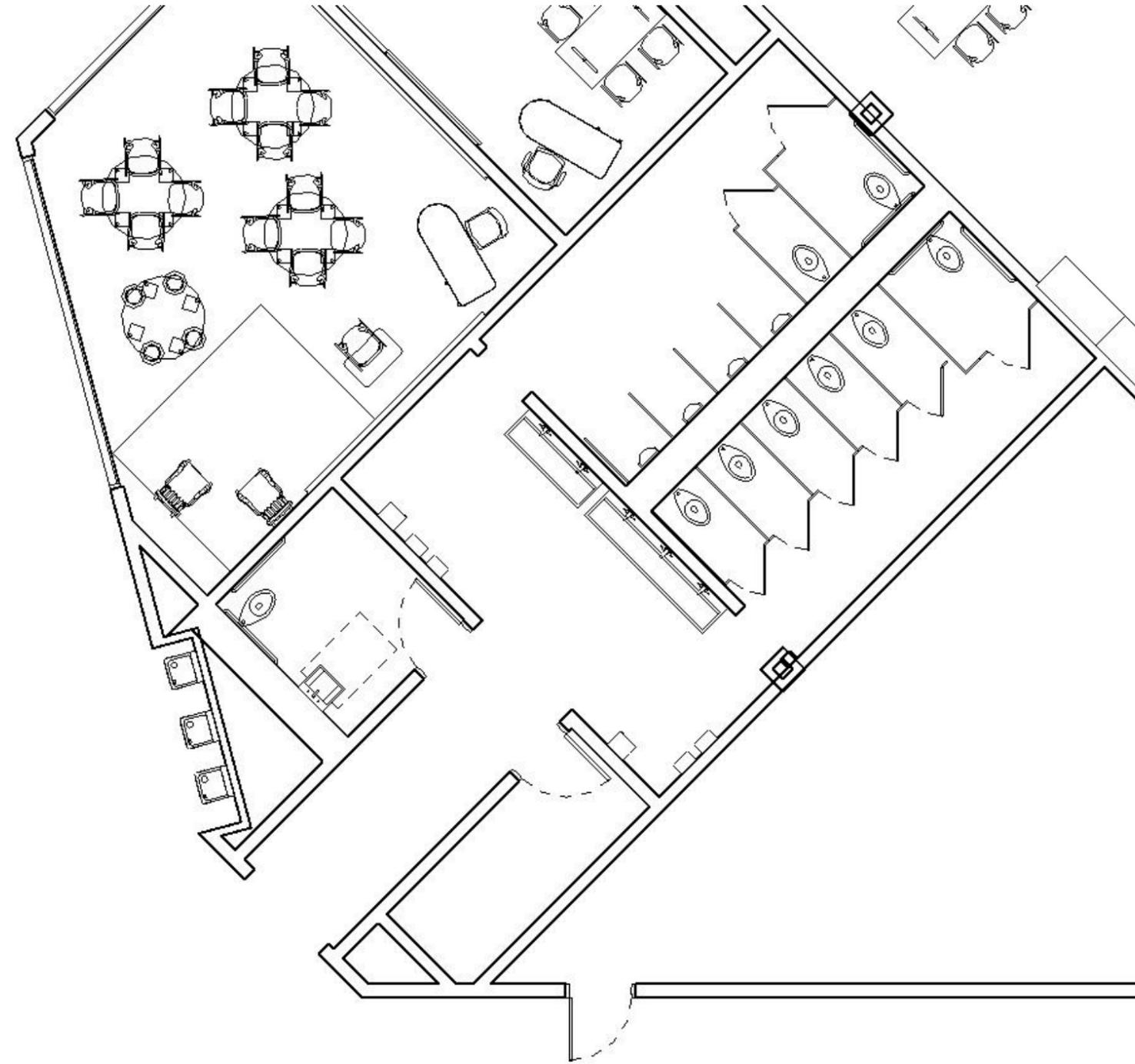
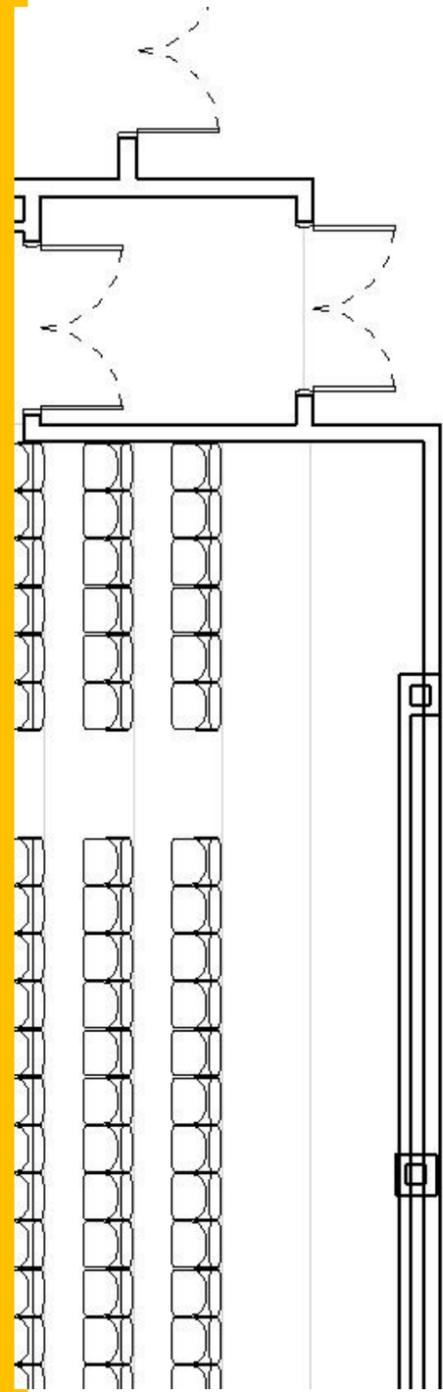
Inclusive Toilet Room Options



OPTION 4

Most expensive option
 Greatest privacy
 Recommended for arts wing

Inclusive Toilet Room Options



LOBBY – MAIN BATHROOMS

Upcoming Design Reviews

Late December/January Look-ahead

- Kitchen
- Auditorium
- Site/Athletics
- Grad Coach – Beth Meehan

January SBC : Site Plan Review

Communications

Communications

Website Updates

- Thank you to community
- Next steps
- Design Development overview
- Updated FAQ's

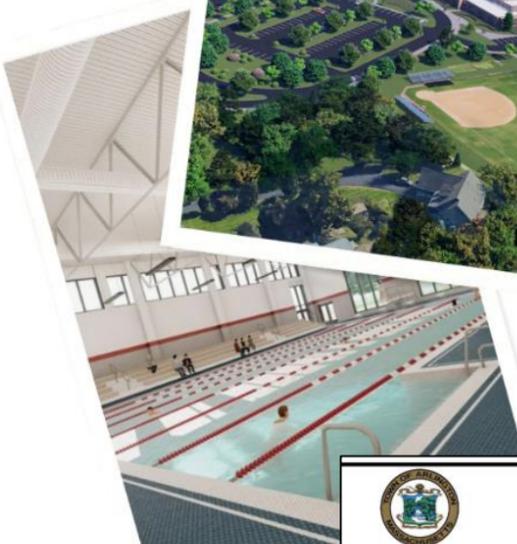
Future Outreach

- Design Development Community Forums
- Opportunities to engage community, staff, and students on design feedback
- Preparing for construction:
 - What to expect
 - Abutter reach out
 - Student & Community construction mitigation
 - Weekly construction updates



THANK YOU EAST LONGMEADOW!

On November 7th, the residents of East Longmeadow voted to fund the rebuild of East Longmeadow High School and Pool. The ELHS Building Committee and East Longmeadow Pool Building Committee would like to thank East Longmeadow residents for their support for these significant projects. Over the coming months, the design for the new school and pool will be further refined, and all are encouraged to participate in the project's next steps. Stay tuned for upcoming 2024 community events.



Arlington High School Building Project
AHS Construction Update – December 7th, 2023

Arlington HS Construction Schedule: April 2020 – September 2025



Construction Details
Phase 1 construction is complete and the new Performing Arts and Science, Technology, Engineering, Arts & Mathematics wings are open. Phase 2 construction is nearly complete, and the new Humanities classroom wing and district offices are open. Menotomy Preschool is expected to be complete in December. Phase 3 has begun where part of the old school will be demolished. Those areas are closed off from the existing school during the next phase of construction.

COVID-19 Update
The health and safety of the community and workers on-site are of the highest priority and were taken into consideration in all project-related decisions. The Town of Arlington continues to monitor all state and federal guidelines regarding best practices during this unusual time and will modify recommendations as necessary to maintain safety and health for all.

Sign up for Weekly Construction Updates
<https://ahsbuilding.org/news/construction-updates/>
For more information, visit: www.ahsbuilding.org
Email questions or concerns to: ahsbuilding@arlington.k12.ma.us

For immediate, on-site assistance contact Hal Raymond, Skanska Site Representative, (617) 352-8593

Construction Look Ahead – Week of December 11th, 2023
The above diagram covers all work to be performed during the current phase. Specific work to be performed this week includes:

Public Way Impacts:

- Deliveries ongoing

General Site Activities:

- Phase 2:
 - Landscaping
 - Pre-School
 - Installation of flooring and ceiling
 - Installation of casework
 - Install mechanical, electrical, telecommunication, plumbing, and fire sprinkler fixtures.
- Phase 3:
 - Start Fusco Link Abatement
- Material Stockpile/Temp Construction Lot for contractor storage and parking
- Schouler Court:
 - Closed to public Access, except abutters as of 11/8/23. Construction vehicles entering and exiting project site.

Weekend Work/Holiday Work/Night Work:

- Saturday work is required for the foreseeable future.

“Thank you” graphic to be added to project website homepage

Weekly Construction Update Sample

SKANSKA Skanska USA Inc. Owner's Project Manager

CONSIGLI Consigli Construction Co., Inc. Construction Manager at Risk

HMH HMH Architects, Inc. Architect

New Business

Thank you!

JWA | SMMA