



H-STEM

ENGINEERING & HEALTH TECHNOLOGIES COMPLEX

University Senate Presentation
January 22, 2020

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01/22/20

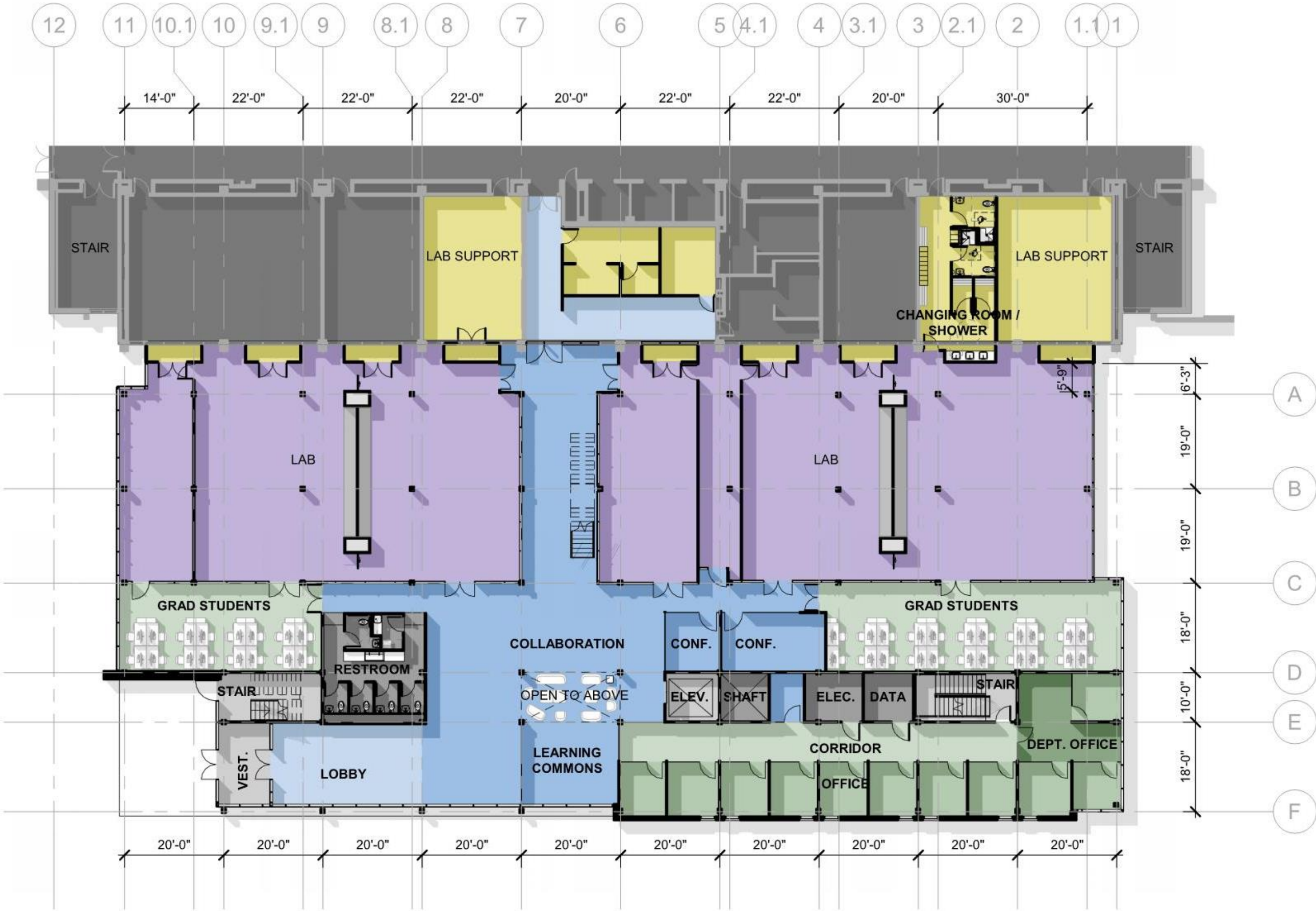
Agenda

1. Schematic Design

- Floor Plans
 - Core and Penthouse
 - Gender Neutral Toilet Room Options
- Site Design and Exterior Visualization
- Interior Visualization

Floor Plans

FIRST FLOOR



Legend

- CIRCULATION
- COLLABORATION
- COLLABORATION CIRC
- DEPARTMENT OFFICE
- FACULTY
- GRAD CIRC.
- GRADUATE STUDENTS
- LAB SUPPORT
- RESEARCH
- SUPPORT

SECOND FLOOR



Legend

- CIRCULATION
- COLLABORATION
- COLLABORATION CIRC
- DEPARTMENT OFFICE
- FACULTY
- GRAD CIRC.
- GRADUATE STUDENTS
- LAB SUPPORT
- RESEARCH
- SUPPORT



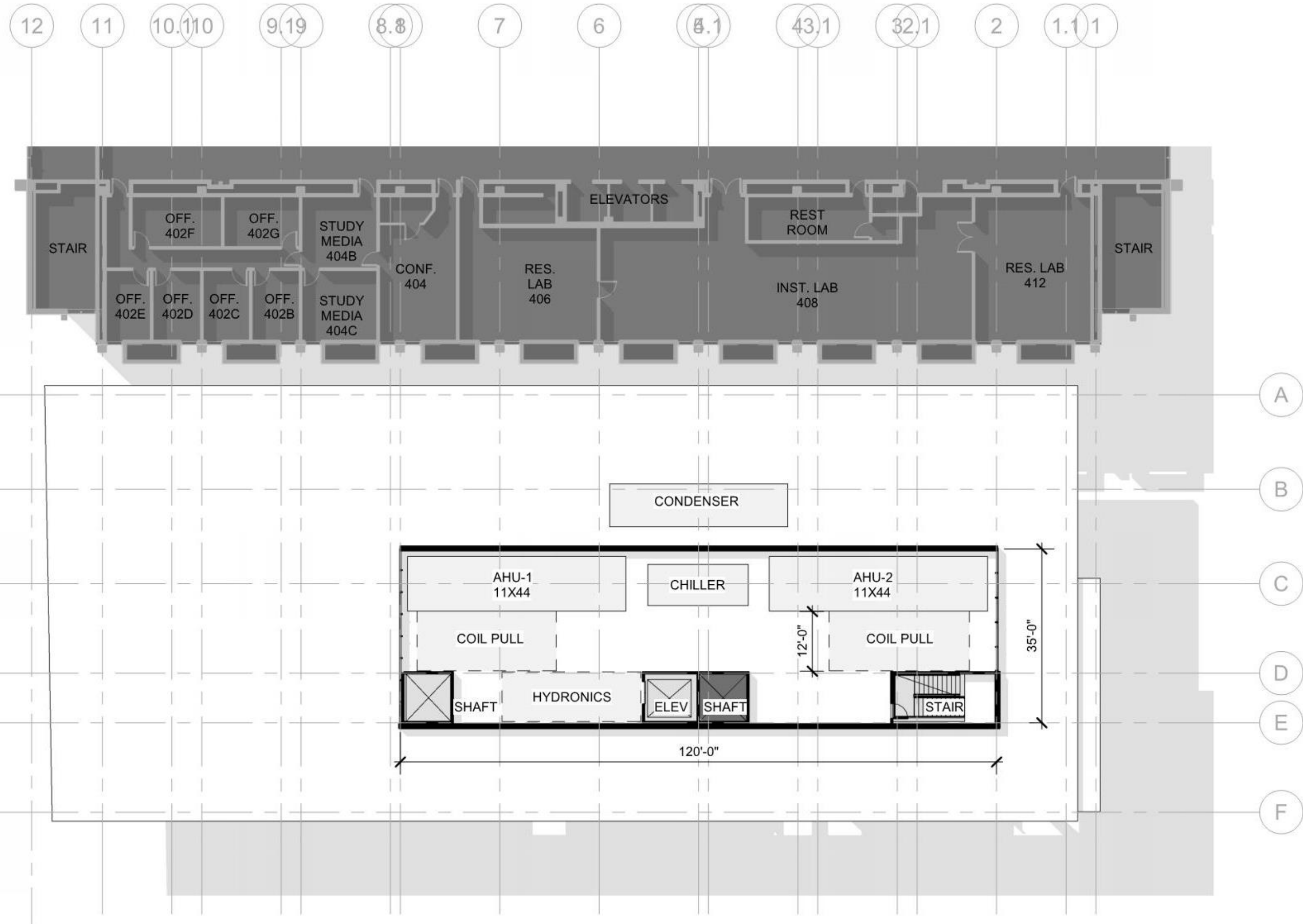
THIRD FLOOR



Legend

- CIRCULATION
- COLLABORATION
- COLLABORATION CIRC
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- FACULTY
- GRAD CIRC.
- GRADUATE STUDENTS
- LAB SUPPORT
- RESEARCH
- SUPPORT

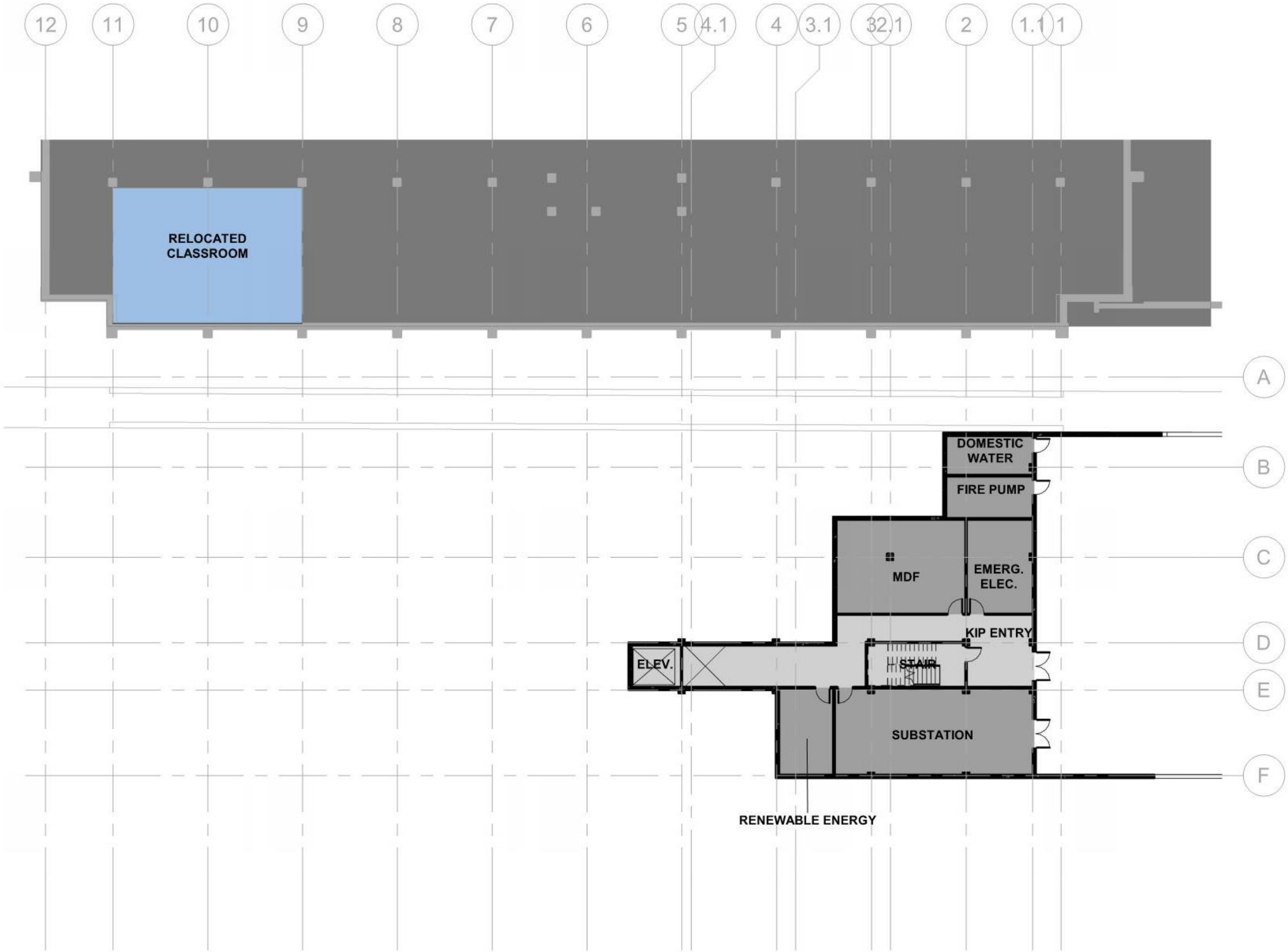
PENTHOUSE



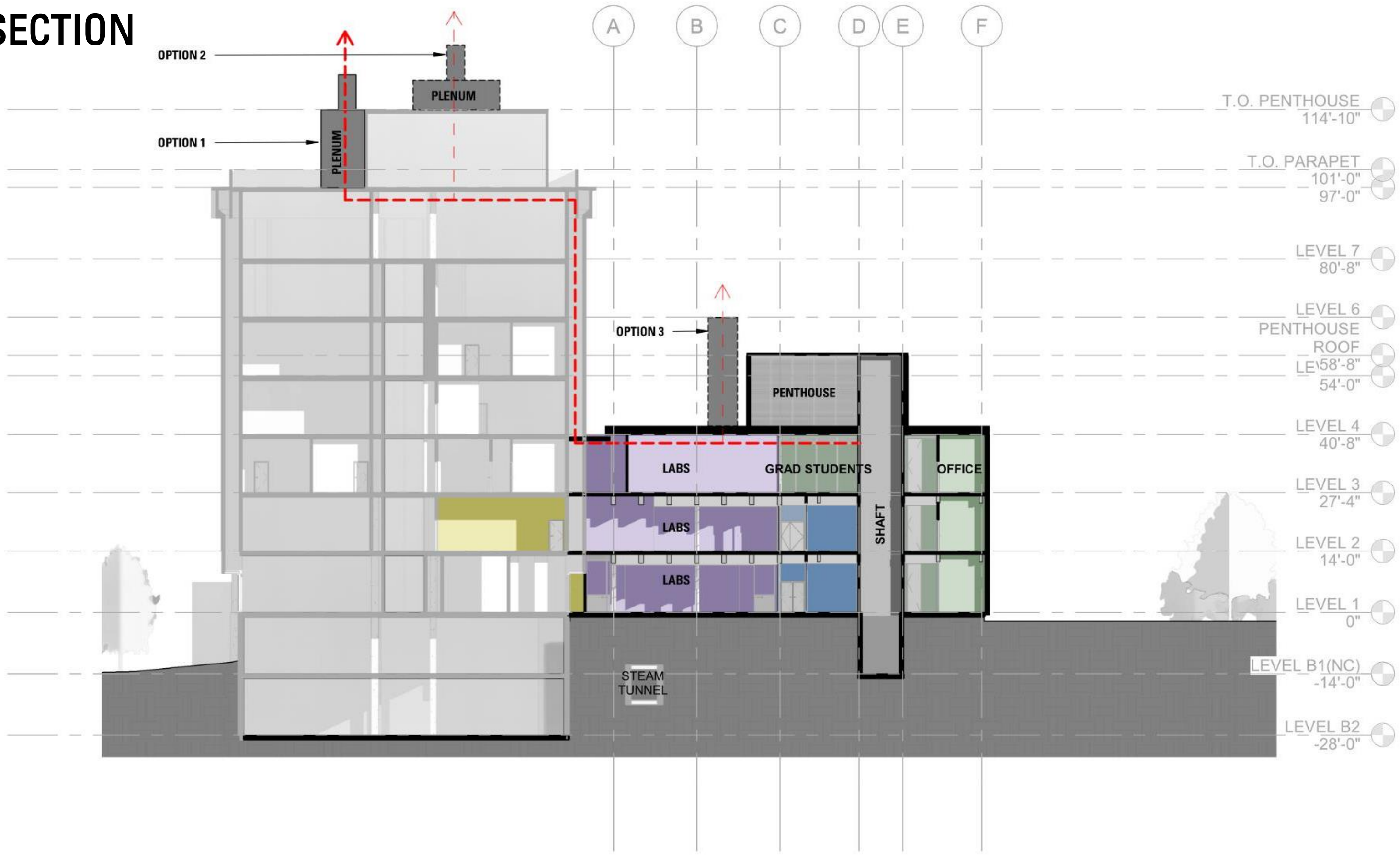
Legend

■ SUPPORT

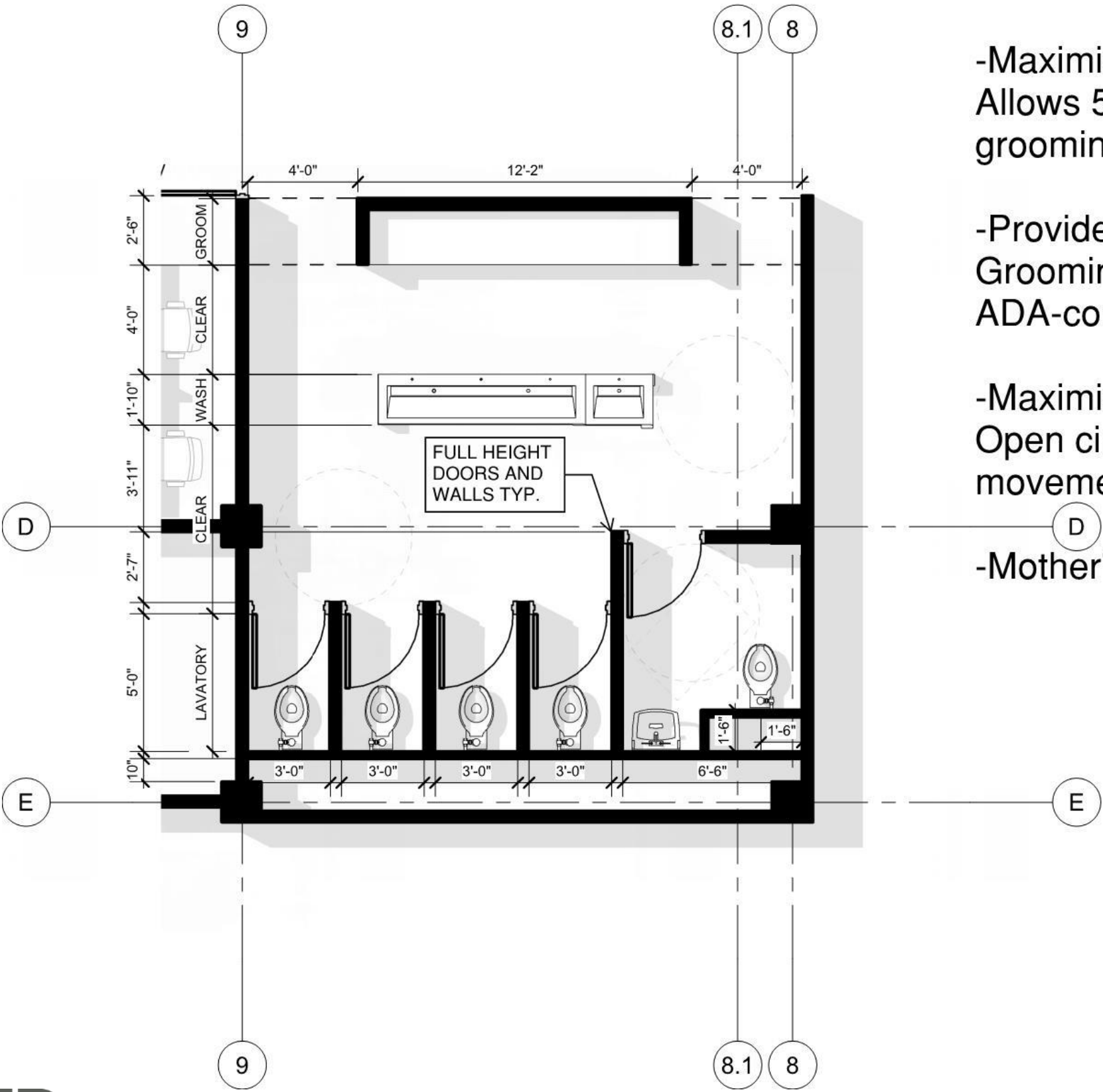
BASEMENT



SECTION



ALL-GENDER TOILET ROOM -OPTION 1



Option 1: Fully Public Washing/Grooming

- Maximizes capacity:
Allows 5 in toilet rooms + 4 washing + 5 grooming simultaneously
- Provides privacy option:
Grooming mirror and counter included in larger, ADA-compliant compartment
- Maximizes flow:
Open circular pathways allow for non-congested movement and no "dark-corners" to intimidate
- Mother's Room located elsewhere

ALL-GENDER TOILET ROOM -OPTION 2

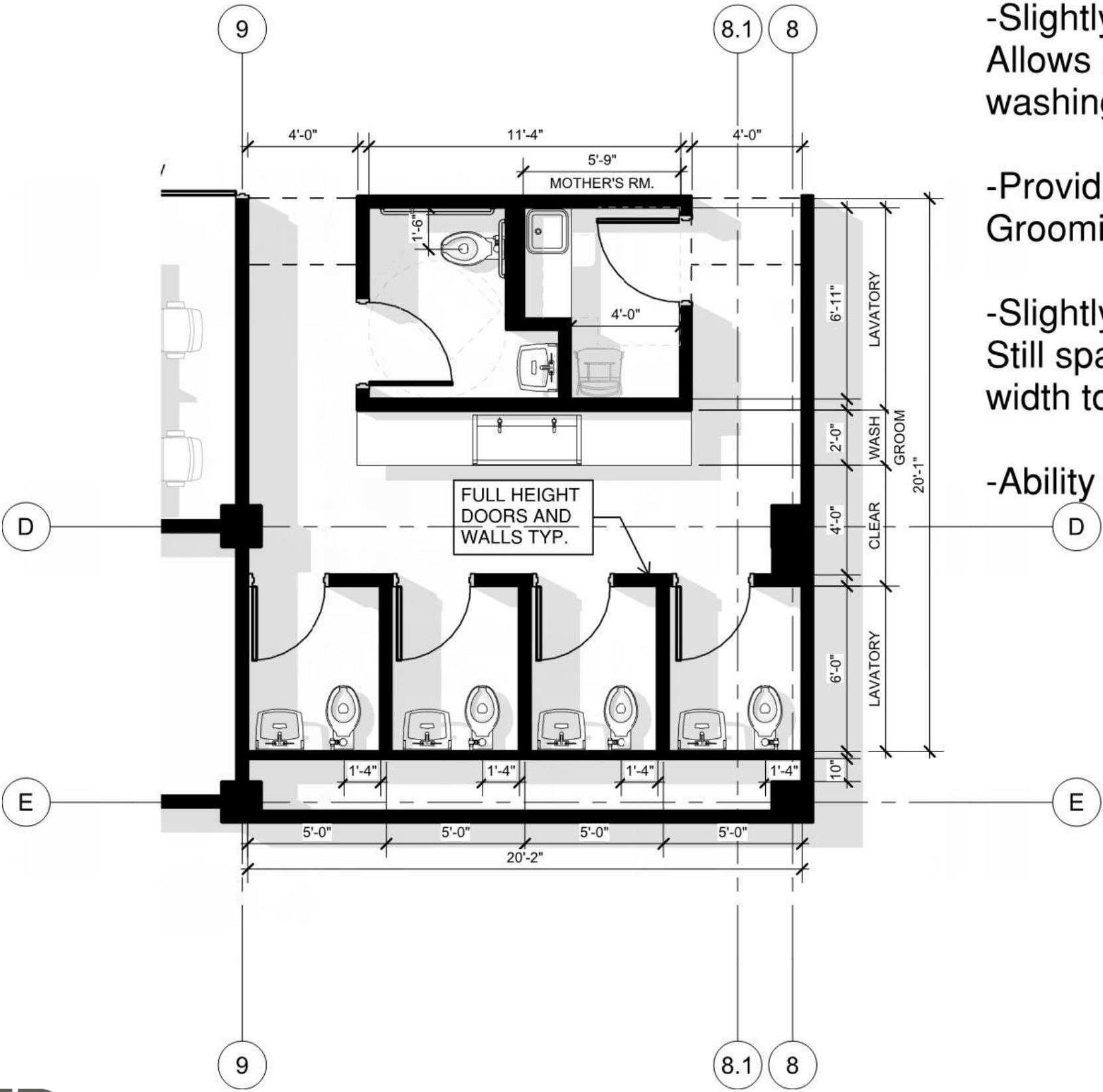
Option 2: Fully Private Washing/Grooming hybrid

-Slightly Less Capacity:
Allows 5 in toilet/washing/grooming rooms + 2
washing + 2 grooming simultaneously

-Provides more privacy options:
Grooming mirror in each compartment

-Slightly Reduced Flow:
Still space for open circular pathways but less
width to pass by others

-Ability to Fit Mother's Room in proximity



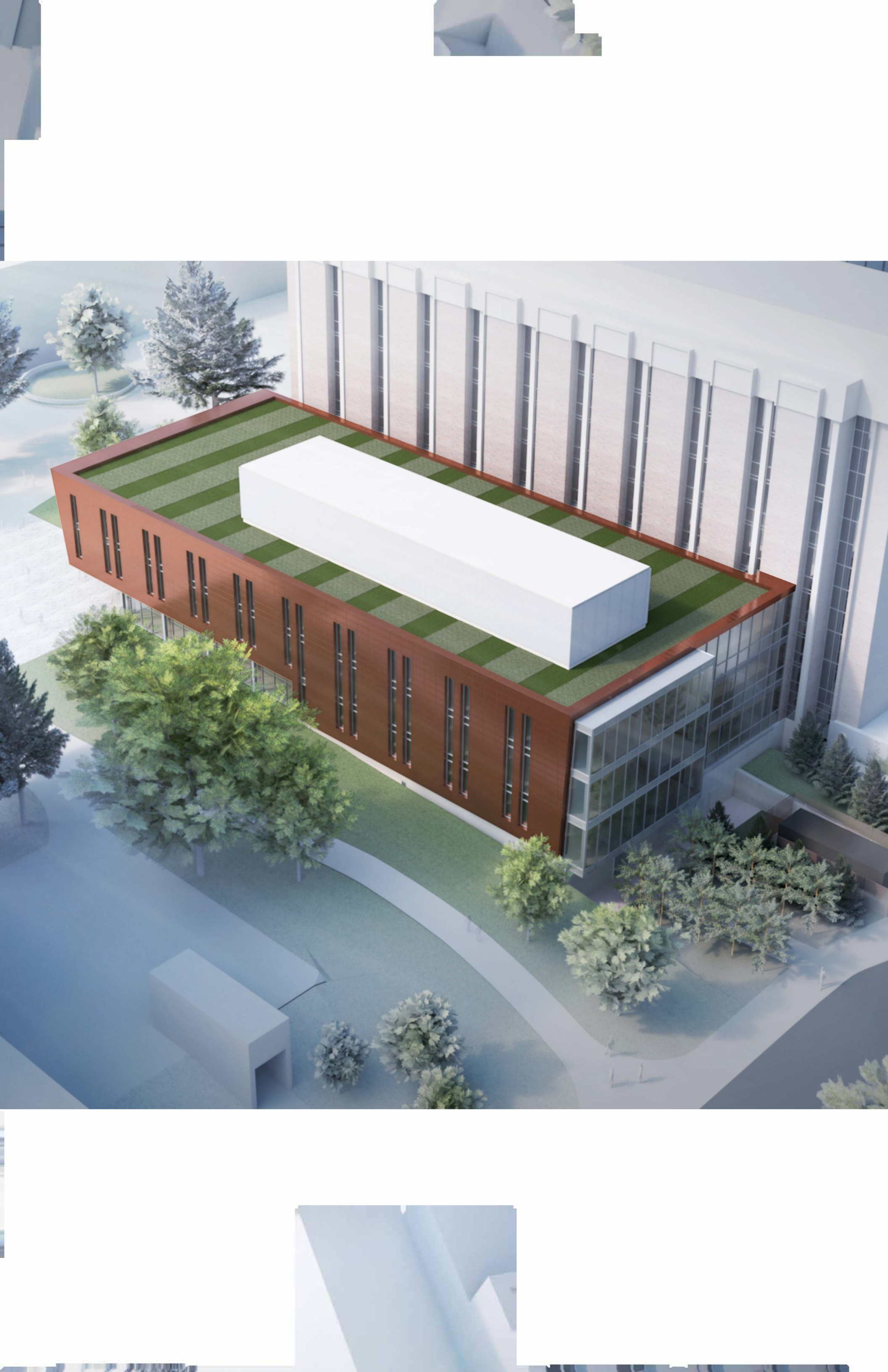
Site Design

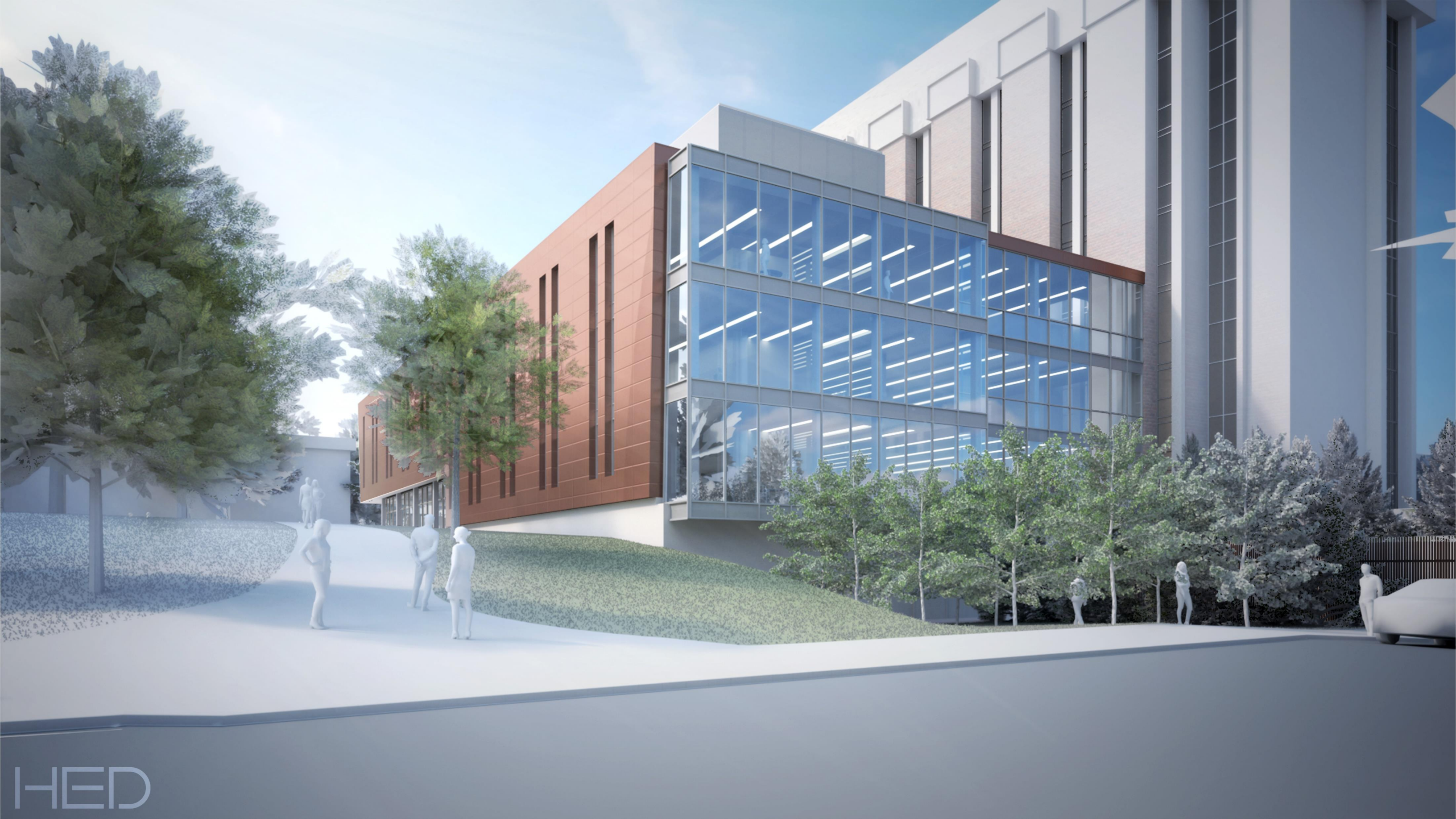


Exterior Visualization



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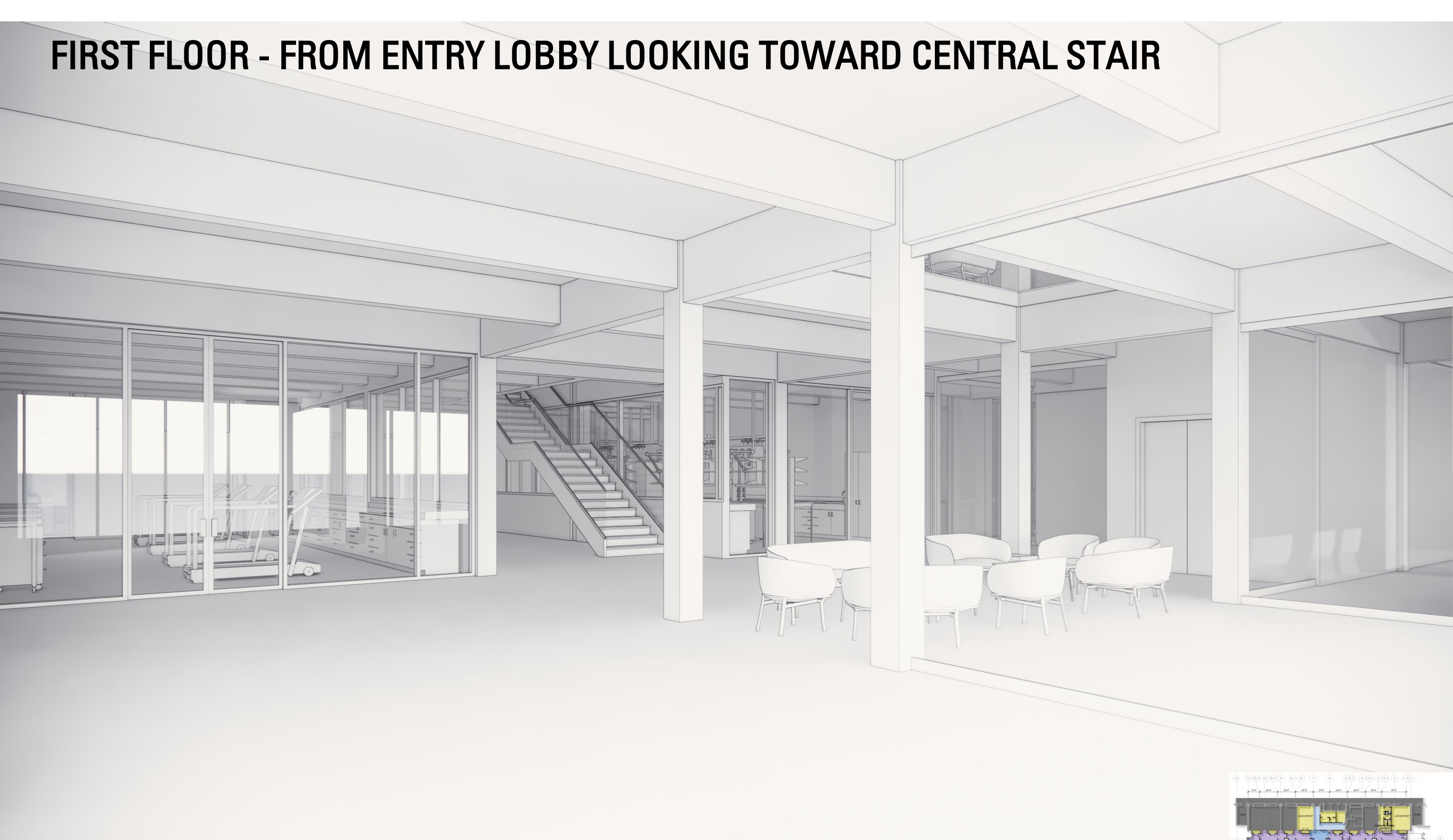




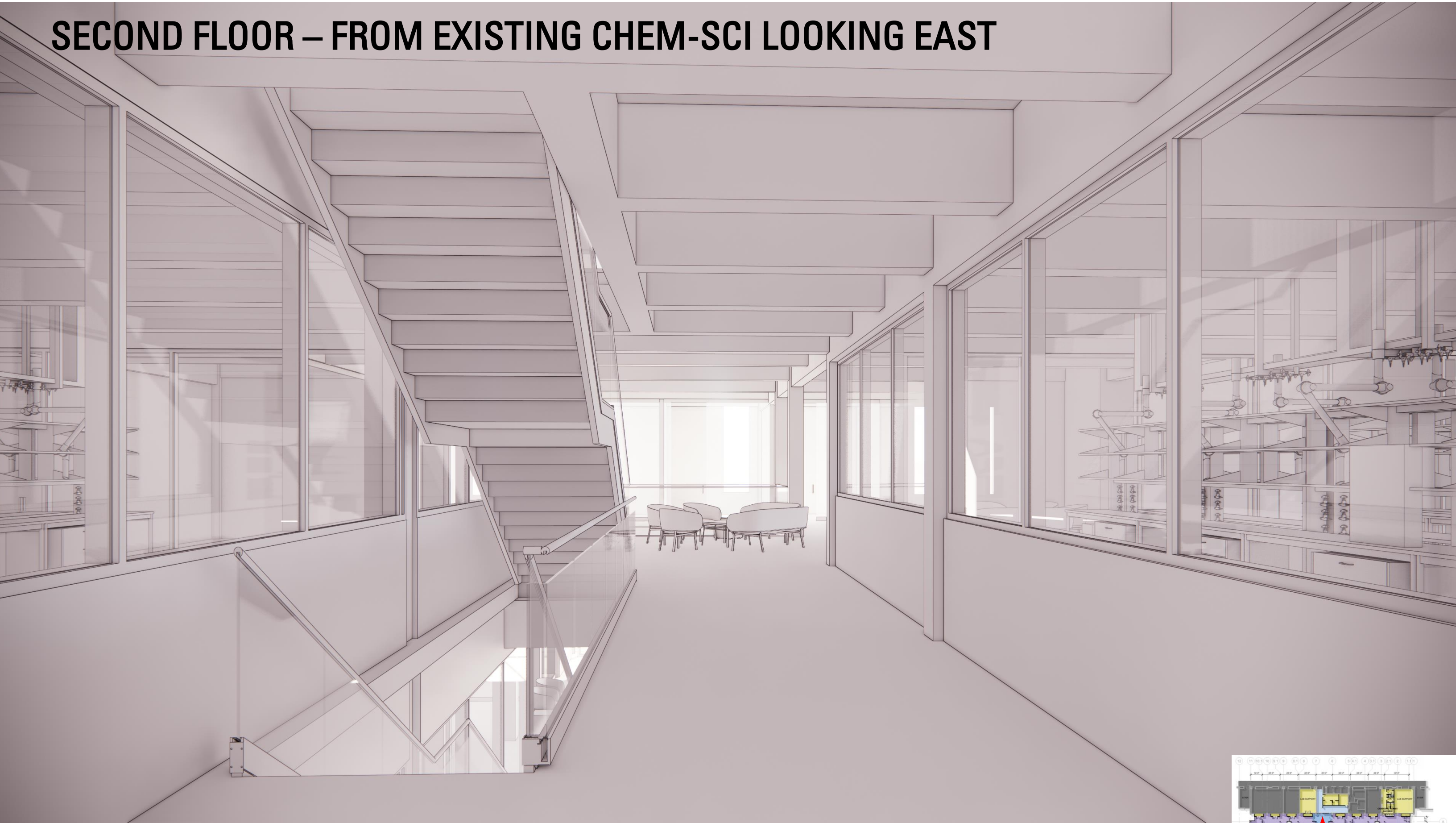
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Interior Visualization

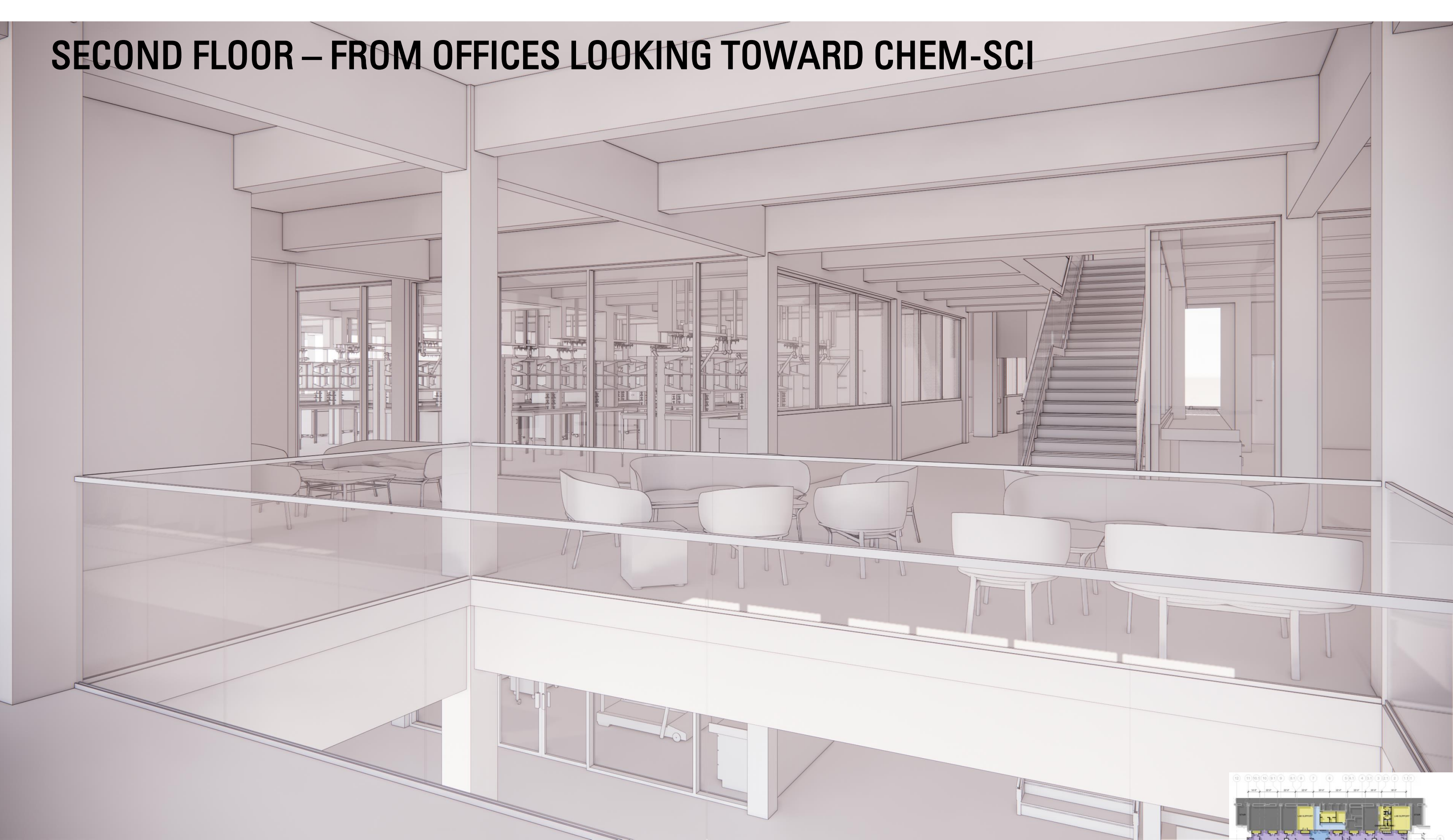
FIRST FLOOR - FROM ENTRY LOBBY LOOKING TOWARD CENTRAL STAIR



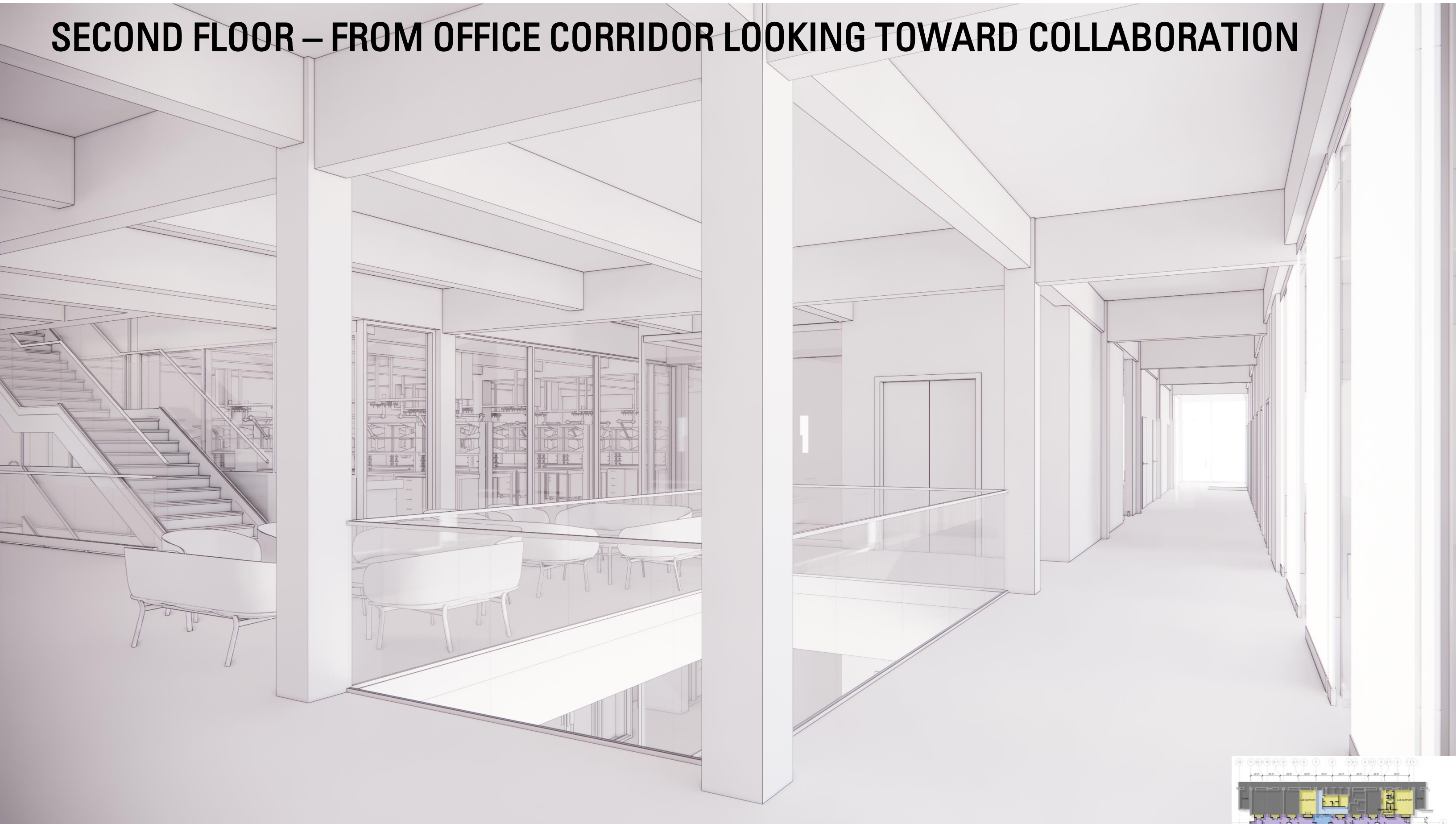
SECOND FLOOR – FROM EXISTING CHEM-SCI LOOKING EAST



SECOND FLOOR – FROM OFFICES LOOKING TOWARD CHEM-SCI



SECOND FLOOR – FROM OFFICE CORRIDOR LOOKING TOWARD COLLABORATION



SECOND FLOOR - FROM OFFICE CORRIDOR LOOKING TOWARD CHEM-SCI

