



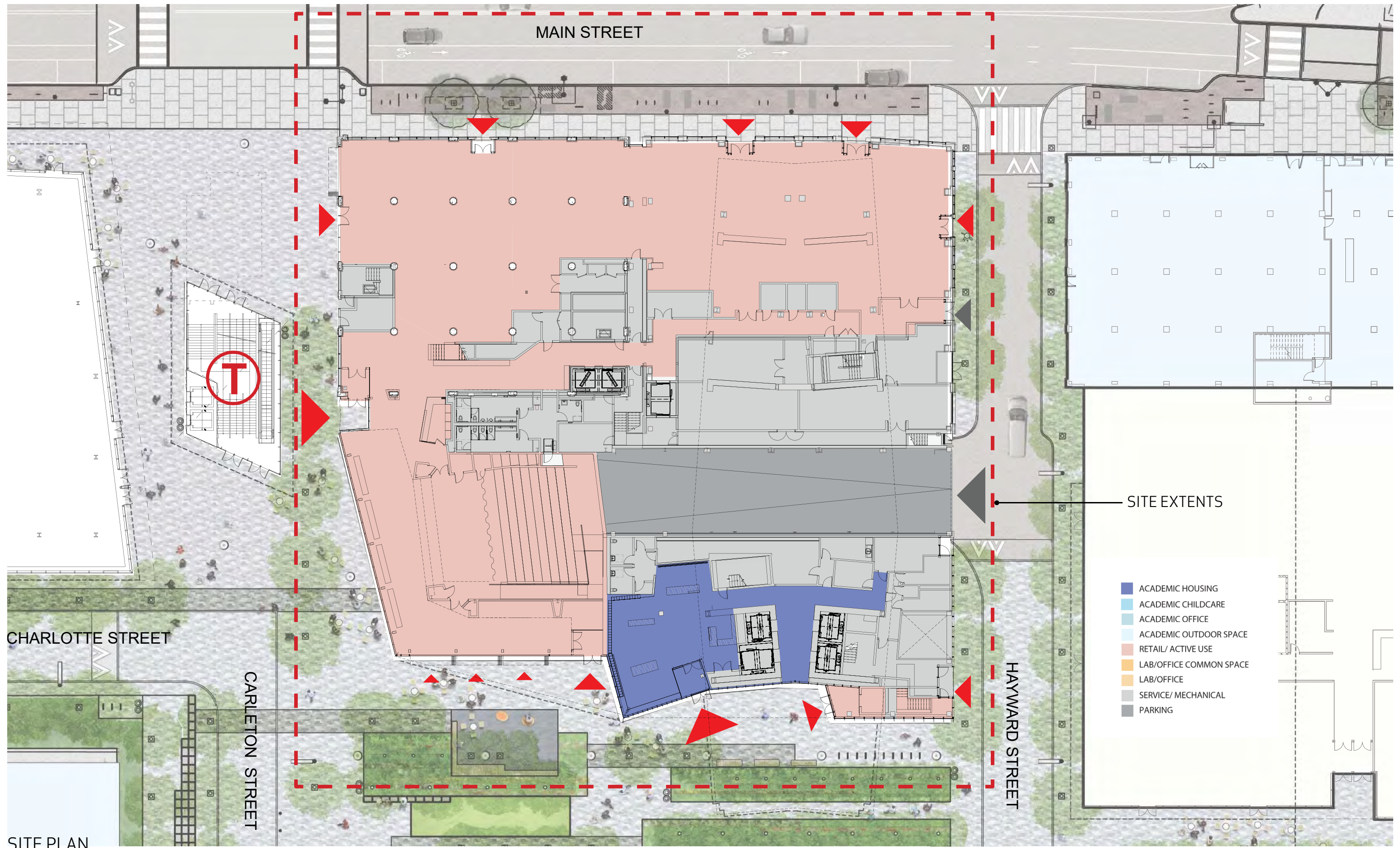
MIT
KENDALL SQUARE
BUILDING 4

DESIGN REVIEW
SUPPLEMENTAL MATERIALS

DECEMBER 20, 2016

1. GROUND FLOOR

- a. Detail: Building 4 activation adjacent to MBTA station
- b. Detail: Character of residential entrance on south side



SITE PLAN



SUFFOLK ENGRAVING BUILDING: NORTH-WEST



PERSPECTIVE: SOUTH RESIDENTIAL ENTRY

2. MATERIALS

- a. Panel colors (materials and relationship to existing brick)
- b. Spandrel colors
- c. Soffit in lighting plan
- d. Treatment of cantilevered section



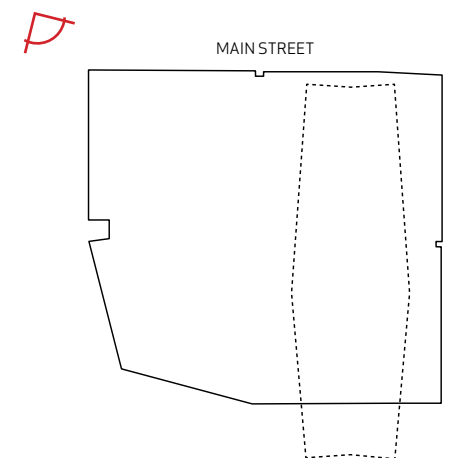
TOWER PANEL COLORS

SPANDREL COLOR
RANGE

OPERABLE WINDOW
OPEN



PERSPECTIVE: DETAIL WEST FACADE



PERSPECTIVE: NORTH-WEST: GATEWAY



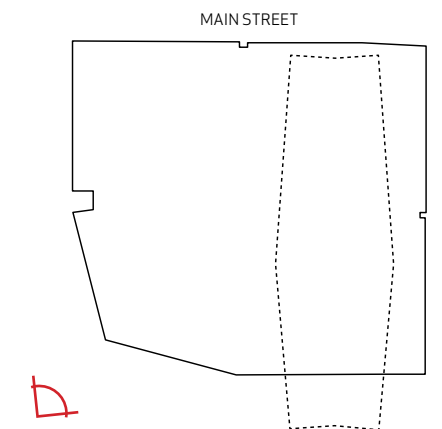
PERSPECTIVE: NORTH-EAST: MAIN STREET



PERSPECTIVE: NORTH-WEST: MAIN STREET

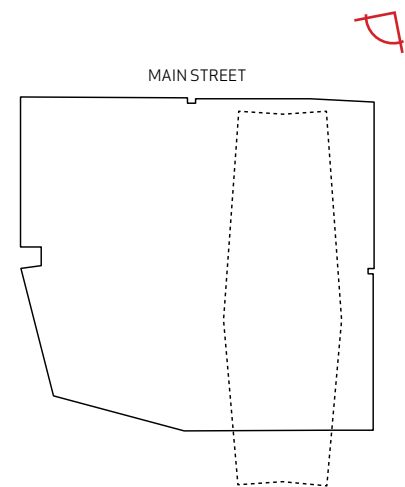


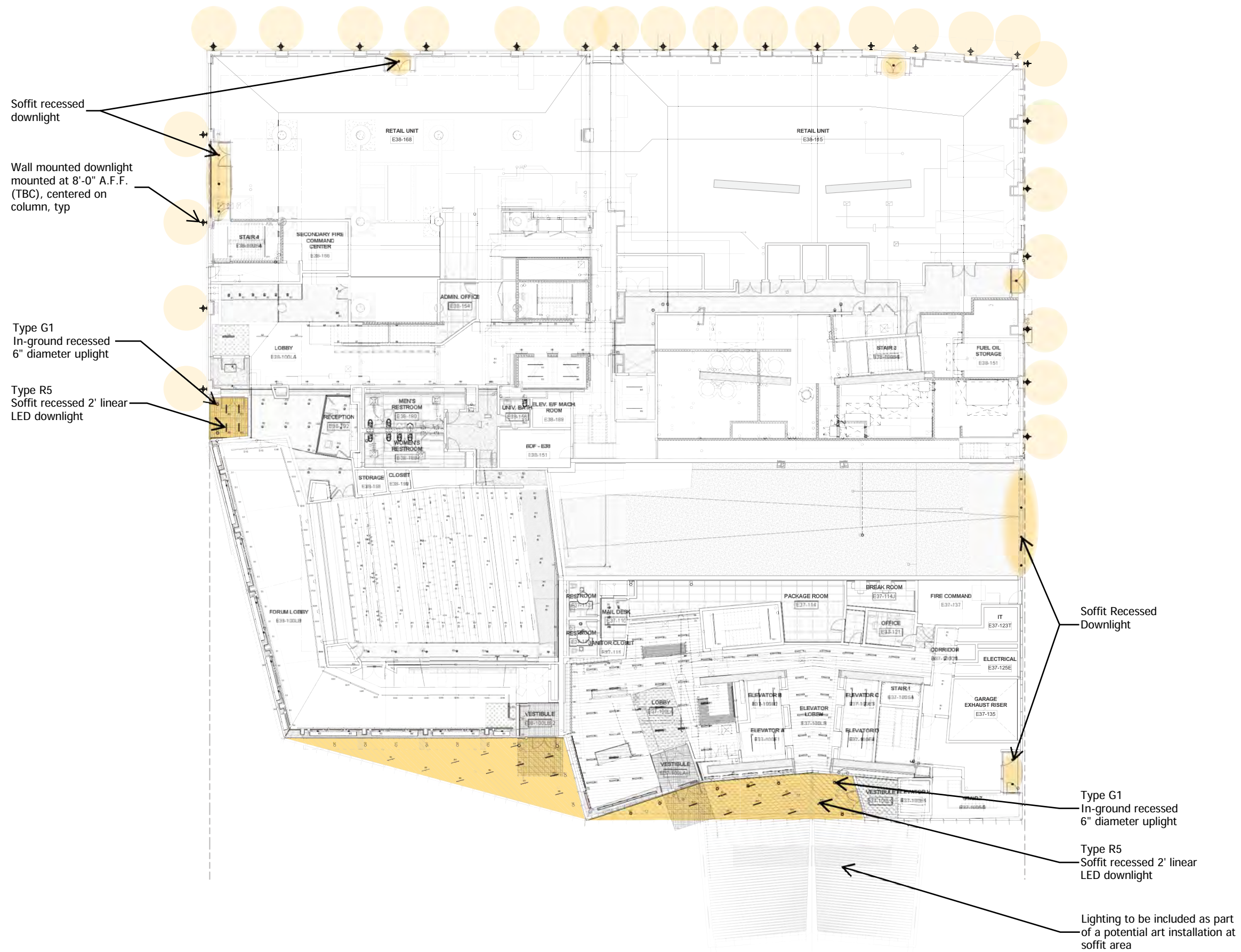
PERSPECTIVE: SOUTH-WEST



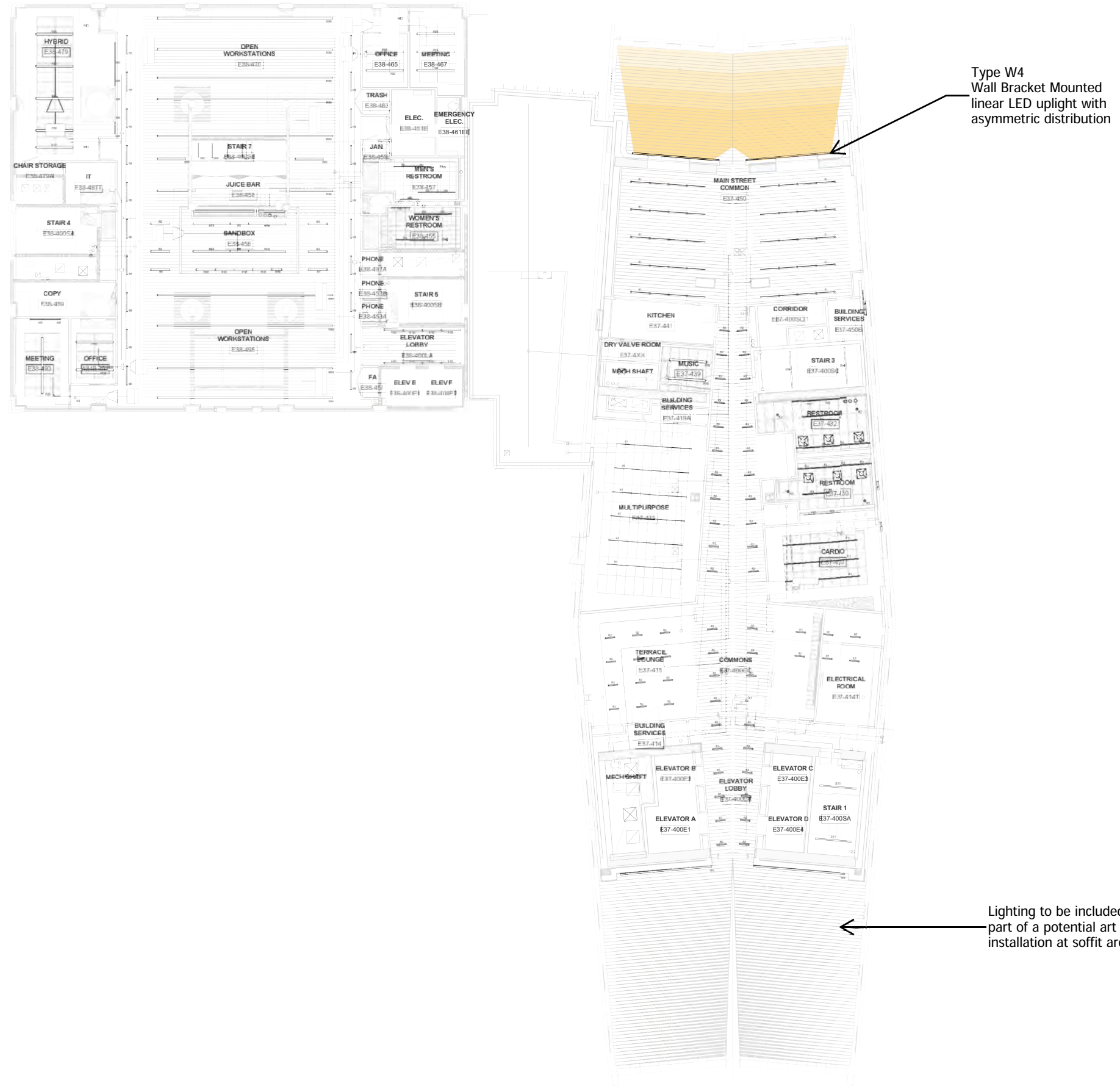


PERSPECTIVE: NORTH-EAST





GROUND FLOOR: PRELIMINARY EXTERIOR LIGHTING PLAN



LEVEL 04: PRELIMINARY EXTERIOR LIGHTING PLAN

COMMITMENT TO PUBLIC ART

- MIT has an extensive contemporary art collection
- Percent for Art program established in 1968
- Well-established program, managed by MIT's List Visual Arts Center, with input from a committee with representatives from various Institute groups
- Cantilevered surfaces identified as appropriate canvas for art installation



PERCENT FOR ART PROCESS

- 2017
 - Establish committee
 - Select preliminary list of artists
 - Issue RFP to short list of artists and make selection
- 2018-2019
 - Coordinate installation/implementation of artwork
- 2020
 - Unveiling/dedication

Example of art installation on cantilever



Statoil Headquarters, (Oslo, Norway)

3. OTHER DETAILS

- a. Location/detail of lower level mechanicals
- b. Review of icicle considerations
- c. Location of steam trench



NORTH-EAST CORNER



NORTH-WEST CORNER

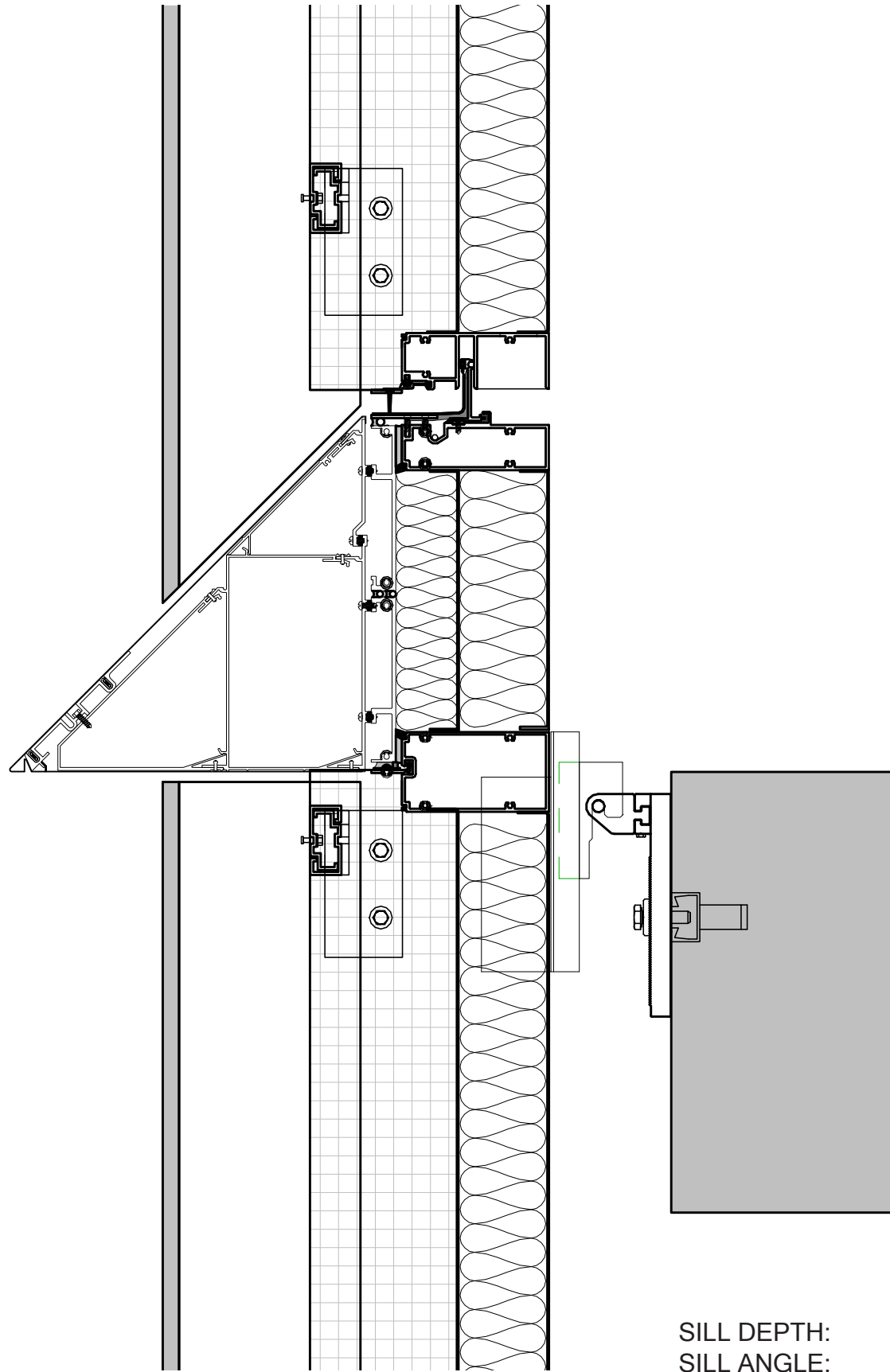


SOUTH-WEST CORNER



SOUTH-EAST CORNER

AXONOMETRICS: LOWER MECHANICALS MASSING



ICICLE STUDY: BUILDING 4 CORNICES

SILL DEPTH: 18"
 SILL ANGLE: 45°
 COEFFICIENT OF FRICTION: .06



4pm



5pm



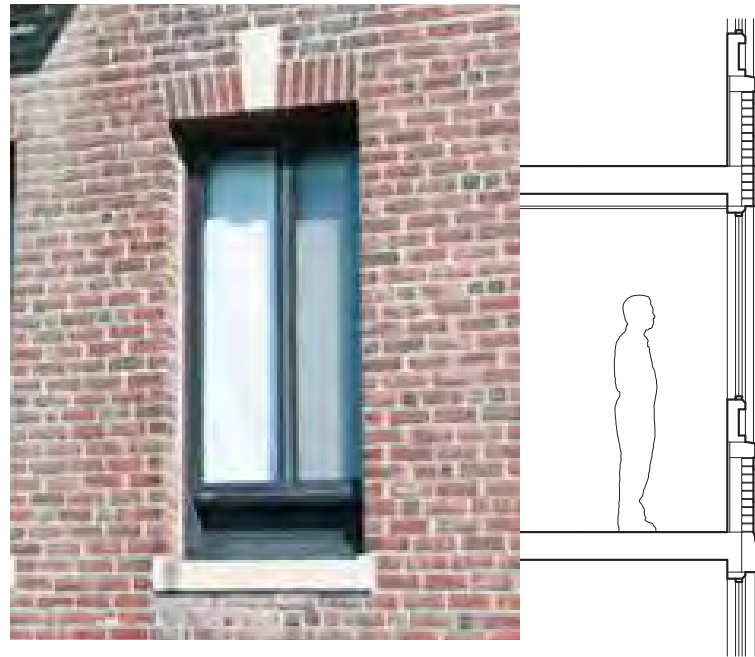
6pm



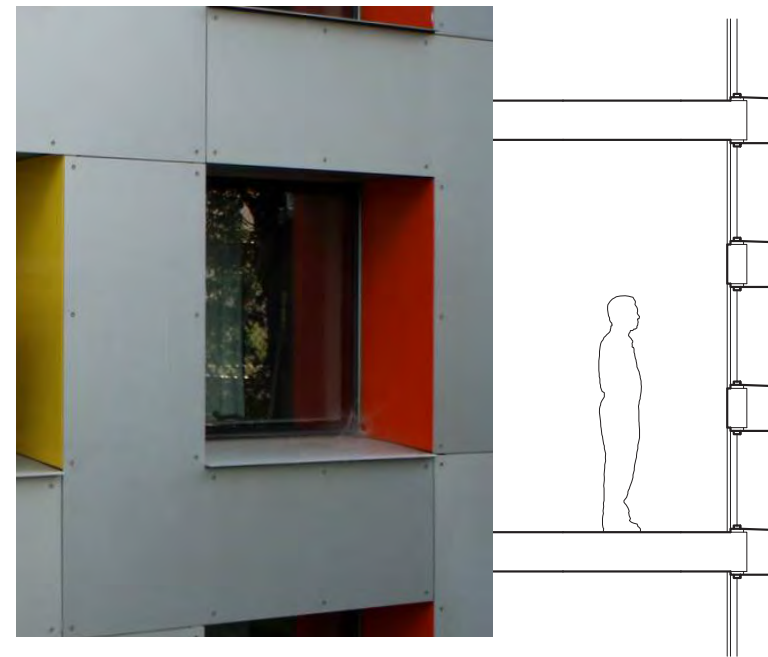
7pm



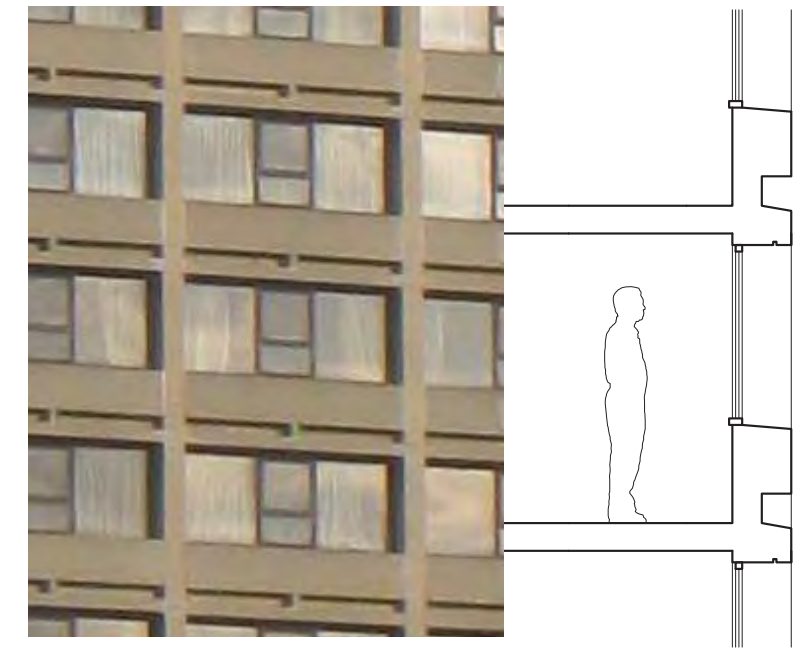
4 HOURS OF SNOW ACCUMULATION



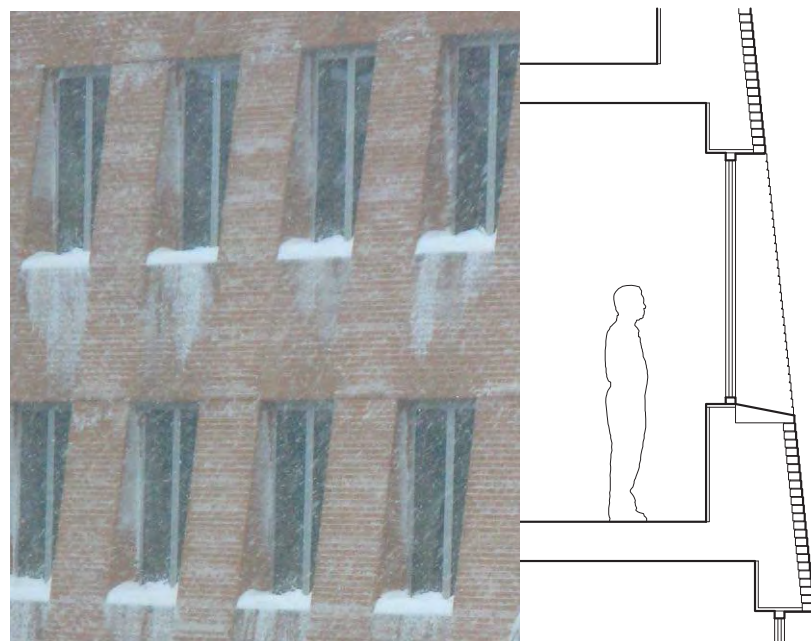
SILL DEPTH: 4 1/2"
 SILL ANGLE: 5°
 COEFFICIENT OF FRICTION: .65
 BURTON CONNOR HOUSE



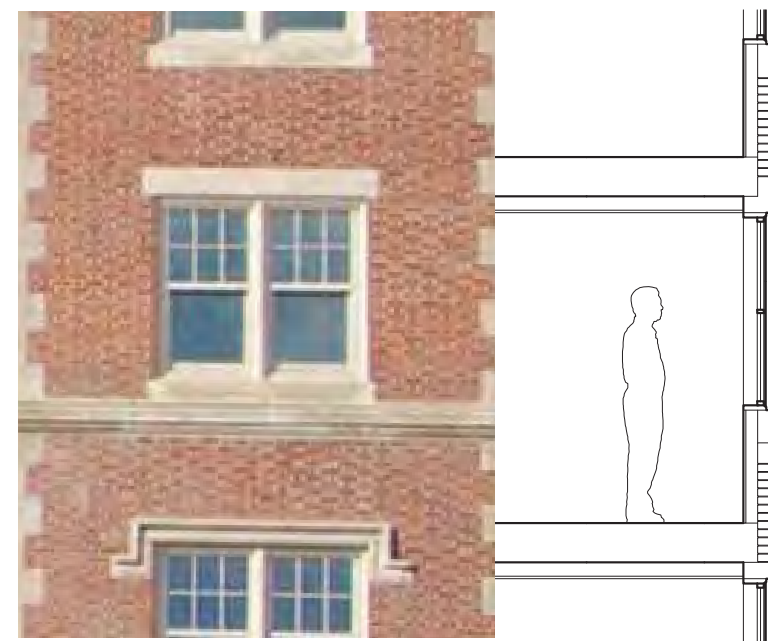
SILL DEPTH: 12"
 SILL ANGLE: 8°
 COEFFICIENT OF FRICTION: .06
 SIMMONS HALL



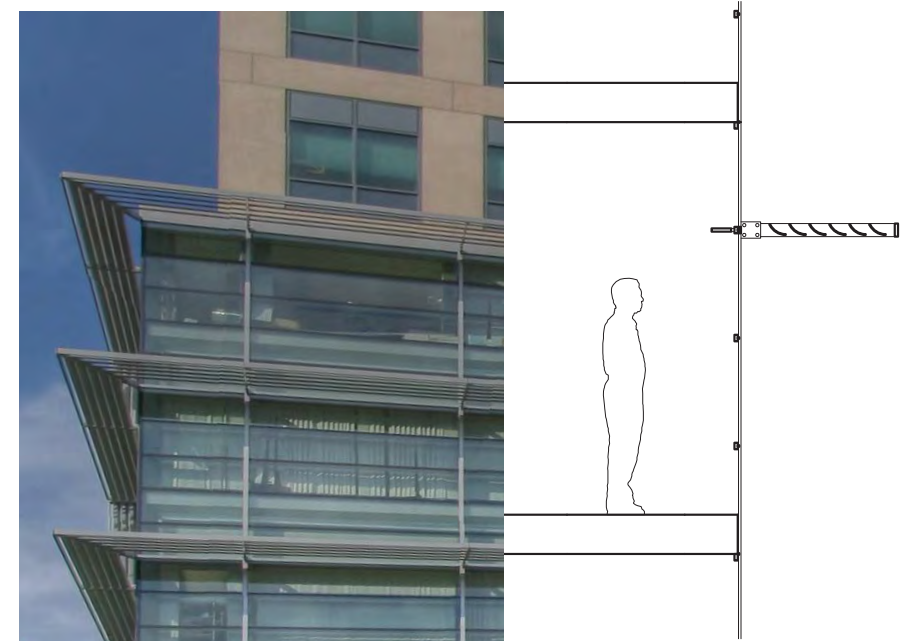
SILL DEPTH: 12"
 SILL ANGLE: 5°
 COEFFICIENT OF FRICTION: .65
 EASTGATE (E55)



SILL DEPTH: 12"
 SILL ANGLE: 8°
 COEFFICIENT OF FRICTION: .65
 STATA CENTER

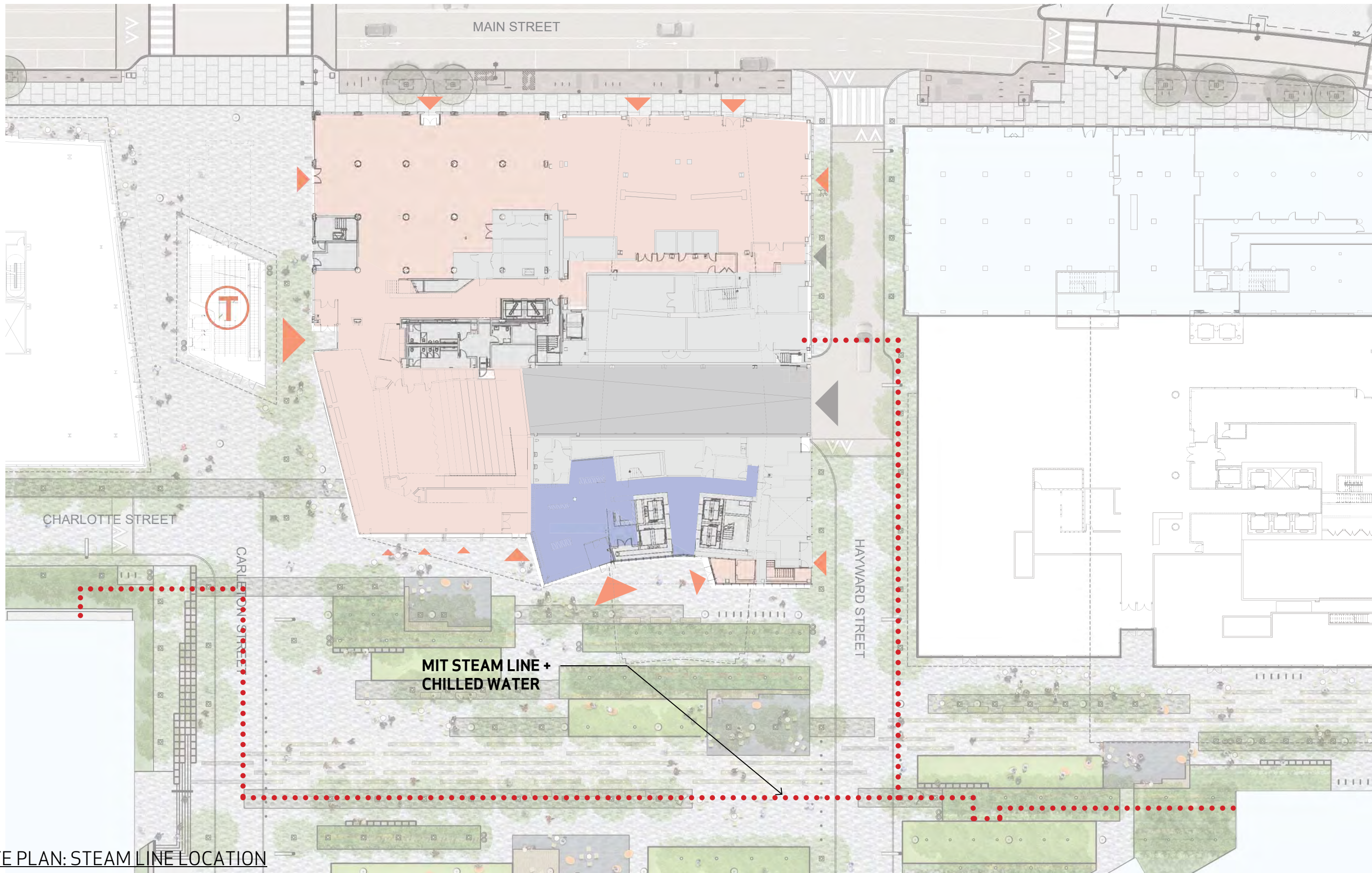


SILL DEPTH: 6"
 SILL ANGLE: 8°
 COEFFICIENT OF FRICTION: .65
 MASSEH HALL



SHADE DEPTH: 12"
 SHADE ANGLE: 22°
 COEFFICIENT OF FRICTION: .06
 (NOTE: ANGLE SHIFTS WITH CUP SHAPE)
 BROAD CENTER

ICICLE STUDY: MIT PRECEDENTS



SITE PLAN: STEAM LINE LOCATION