



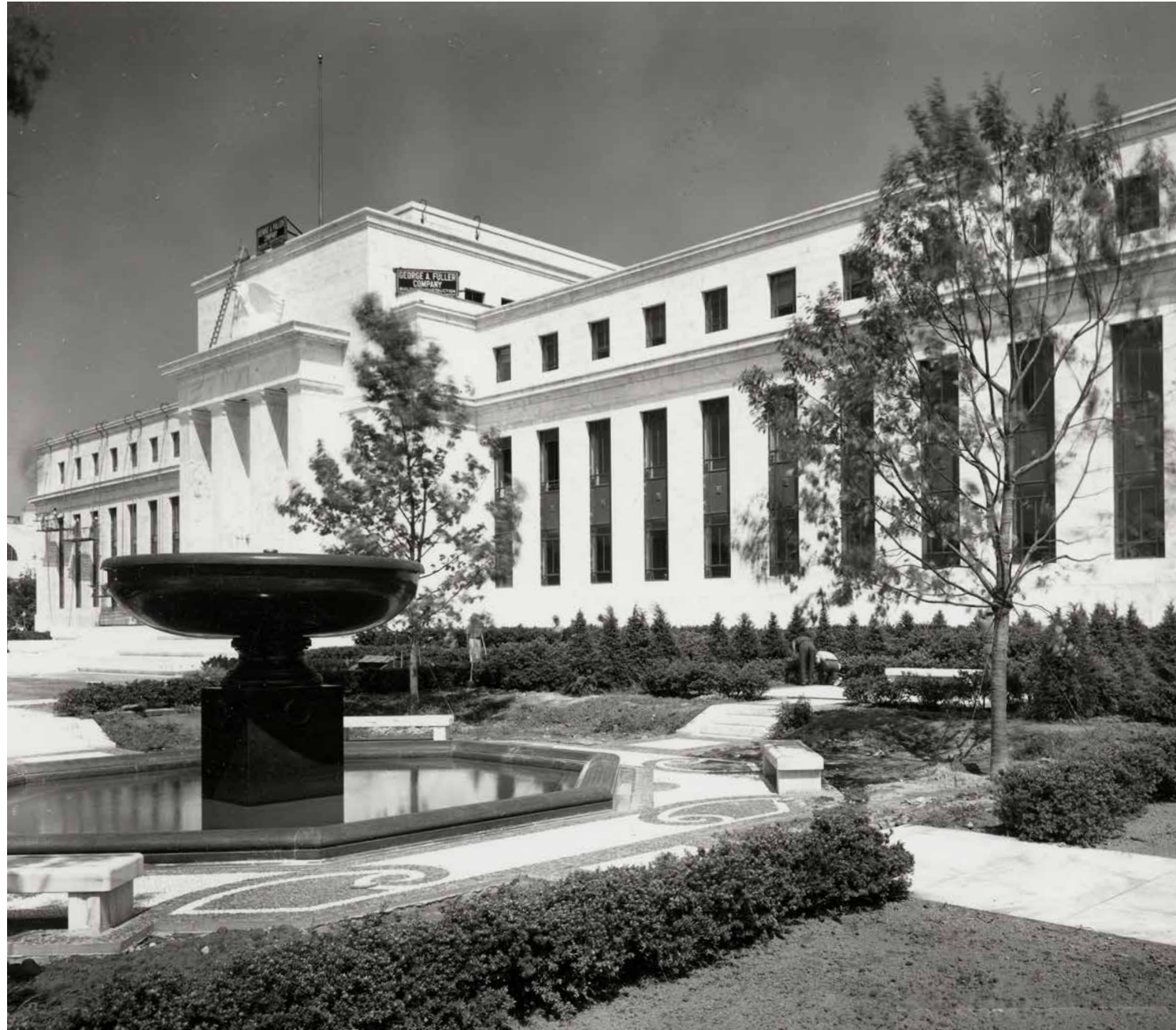
MARRINER S. ECCLES BUILDING AND FEDERAL RESERVE BOARD-EAST BUILDING RENOVATION AND EXPANSION

COMMISSION OF FINE ARTS - REVISED CONCEPT PACKAGE

SEPTEMBER 15, 2021



FORTUS



Marriner S. Eccles Building, 1937

AGENDA

1. PROJECT GOALS
2. SUMMARY OF COMMISSION COMMENTS
3. HISTORIC RECAP
4. ECCLES DESIGN REFINEMENTS
5. FRB EAST DESIGN REFINEMENTS
6. OFFICER POSTS
7. LANDSCAPE DESIGN

1

PROJECT GOALS



Marriner S. Eccles Building, 1937

PROJECT GOALS

- THE NEW ADDITIONS SHOULD EMPHASIZE THE FEDERAL RESERVE'S CIVIC IMPORTANCE WHILE BEING MODEST AND RESTRAINED
- WITHIN EACH BUILDING THE ADDITIONS SHOULD BE A SIMPLE, CALM COMPOSITION THAT CREATES A MORE UNIFIED CHARACTER
- THE ADDITIONS SHOULD RESPECT THE HISTORIC CHARACTER-DEFINING FEATURES, BUILT ON CLASSICAL PRINCIPLES BUT WITH CONTEMPORARY MATERIALS AND TECHNOLOGY

2 SUMMARY OF CFA COMMENTS

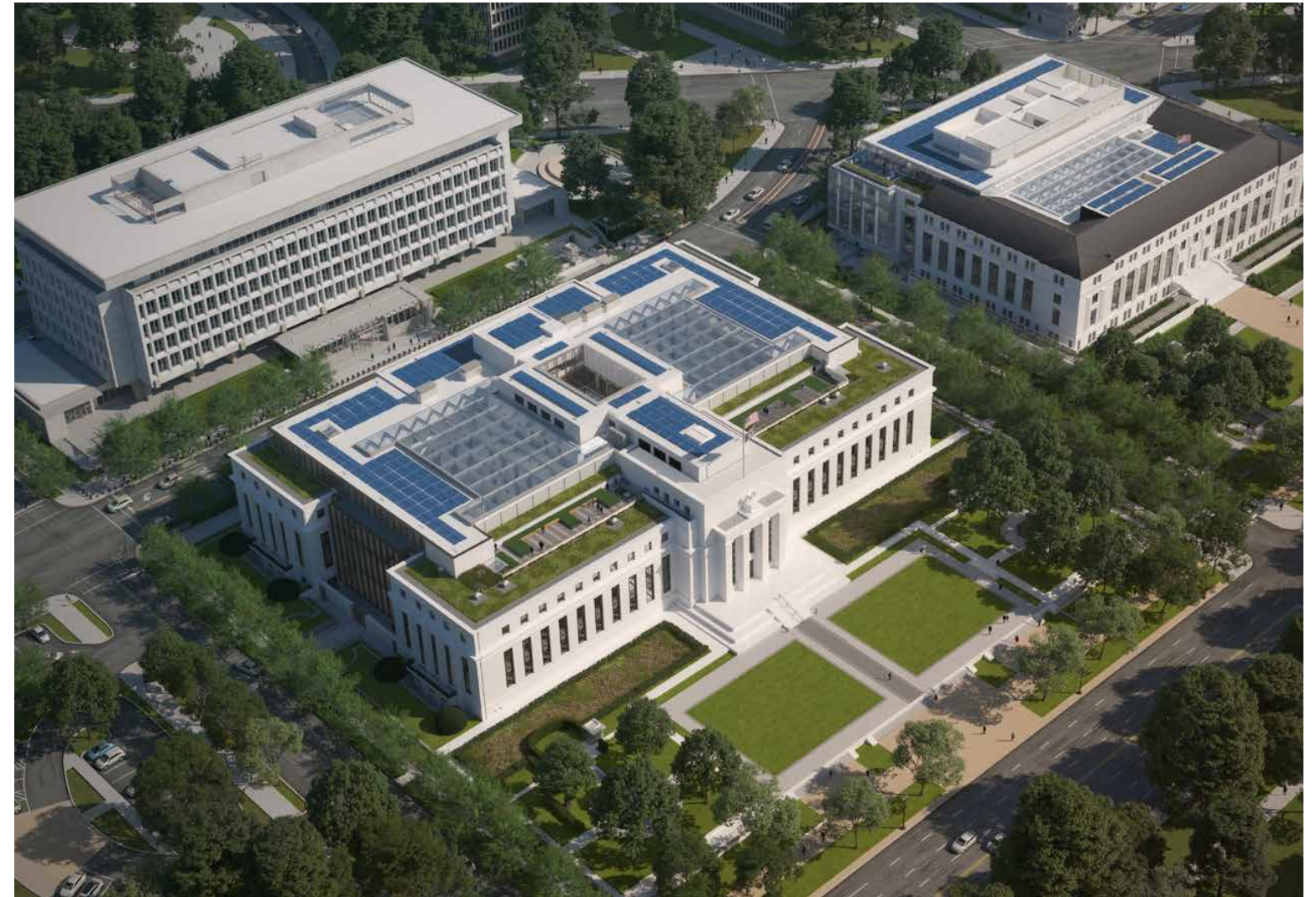
SUMMARY OF CFA CONCEPT DESIGN COMMENTS

ECCLES

- The Commission recommended differentiating the mullion and fin design at the attic level to further scale and detail to fabric of the infill.

FRB EAST

- The Commission raised concerns that the associated sunkengarden extending to the north side of the building.
- They also recommended simplification of the many elements of the water garden along the north retaining wall.
- They continued to raise concern about the potentially excessive transparency of the addition's exterior, which they said may be exaggerated in the renderings.
- They recommended deliberate control of the interior space by carefully designing the ceilings, prohibiting demising partitions near the perimeter, and managing the use of window shades.
- They suggested using a more opaque material at the implied pilasters between the bays, such as glass panels with a stone interlayer or marble panels, to modulate the extreme transparency conveyed in the renderings.



3 HISTORY RECAP



MARRINER S. ECCLES BUILDING, 1937

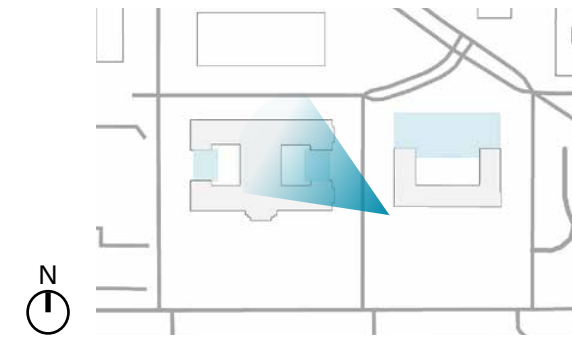


FRB-EAST BUILDING, CA. 1933

4 ECCLES DESIGN REFINEMENTS

REFINEMENTS AND CHANGES SINCE CONCEPT APPROVAL

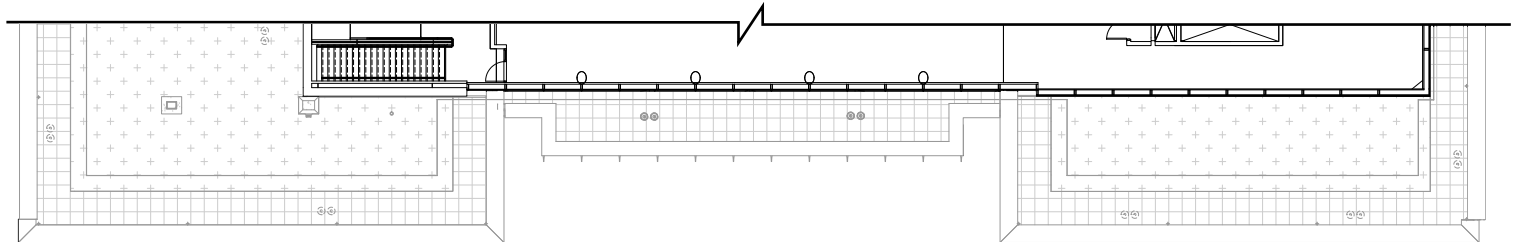
- **ARTICULATION OF THE EXTERIOR WALL AT LEVEL 4 OF THE INFILLS**
- **REFINEMENT OF THE ENTRY GARDEN WALL**
- **REFINEMENT OF THE WEST GARDEN WALL**
- **DESIGN OF OFFICER'S POSTS**



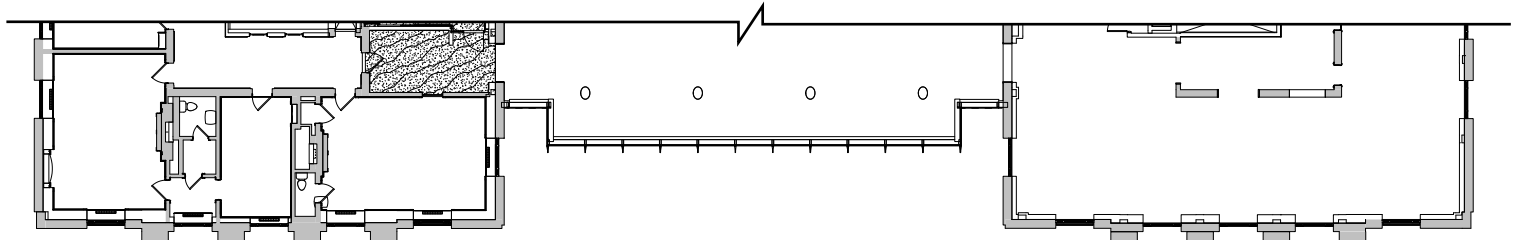
PERSPECTIVE OF ECCLES ENTRANCE ON 20TH STREET PRESENTED TO THE COMMISSION MAY 2020



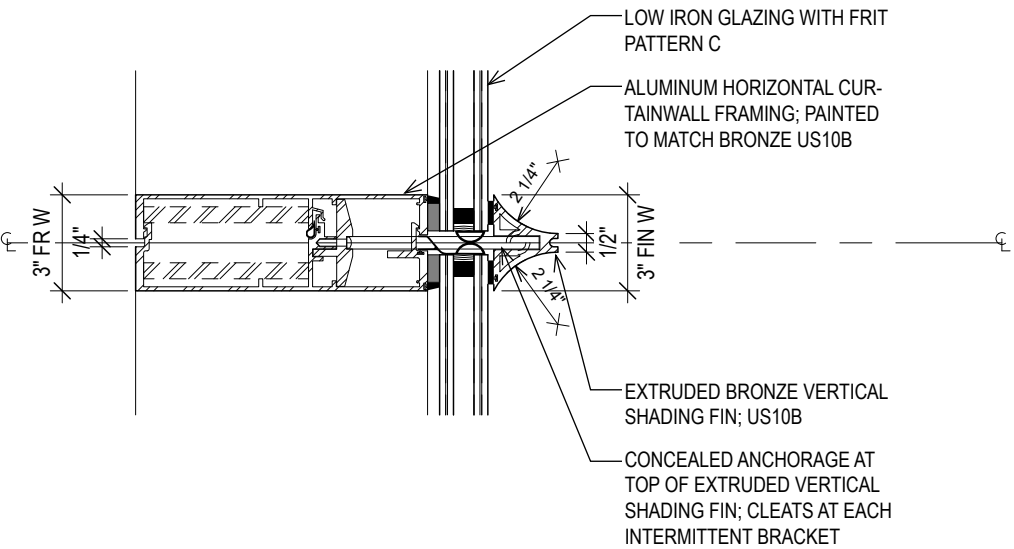
Reflecting Proportions of Historic Windows on the Cadence of Eccles Building Infills



Eccles Building Level 4 Plan at Overbuild

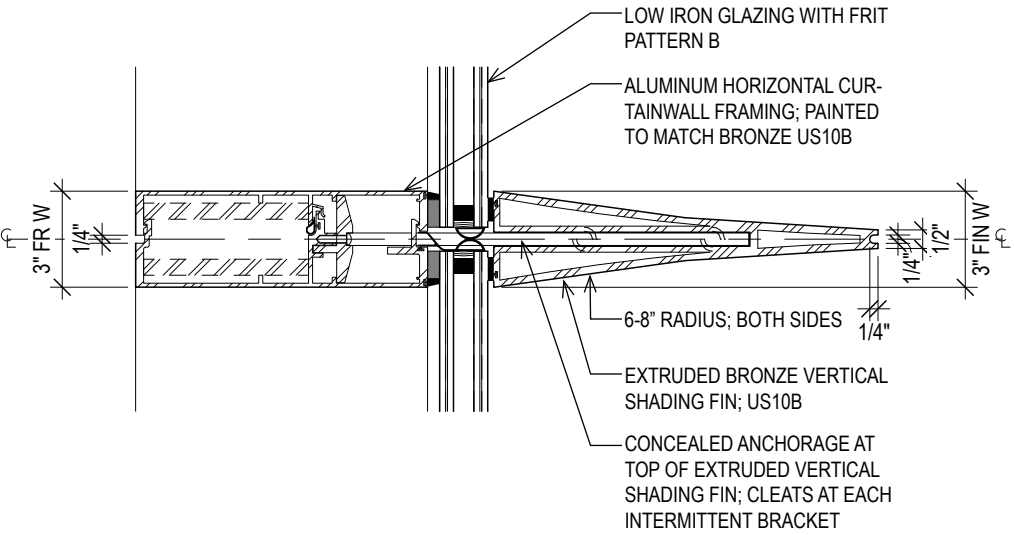


Eccles Building Level 2 Plan at Infill



DETAIL PLAN - VERTICAL FIN AT LEVEL 04

SCALE: 2" = 1'-0"



DETAIL PLAN - VERTICAL FIN AT LEVEL 01 TO 03

SCALE: 2" = 1'-0"



PERSPECTIVE FROM 21ST STREET AND C STREET LOOKING EAST



PERSPECTIVE ECCLES BUILDING ENTRANCE ON 20TH STREET

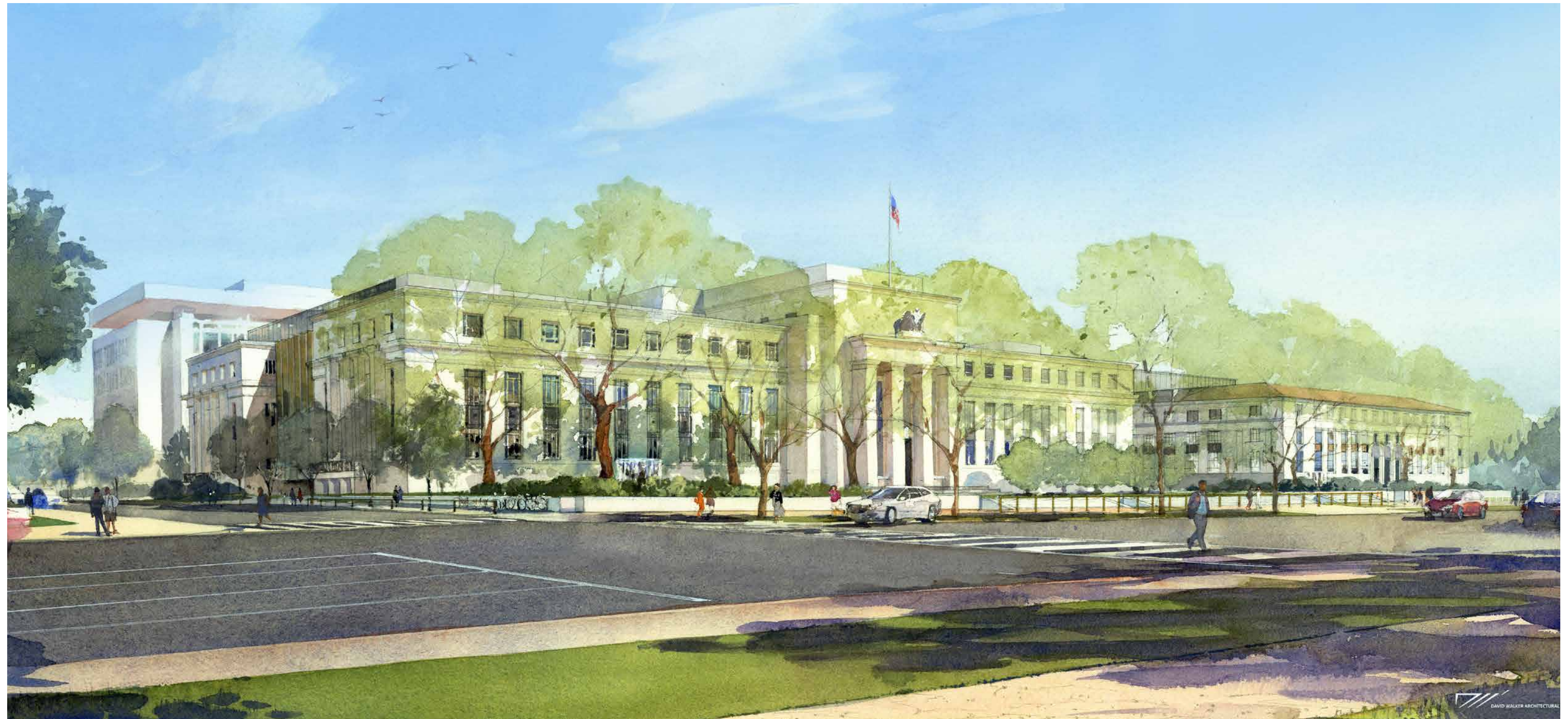
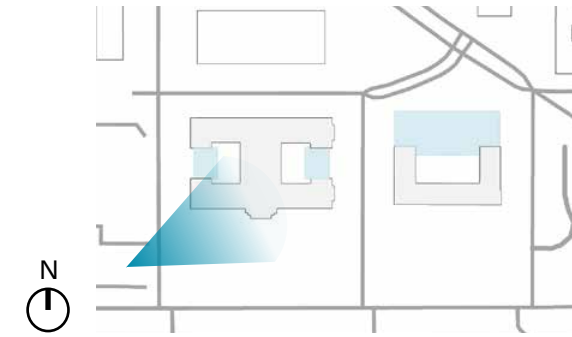


WEST ENTRY

SEPTEMBER 15, 2021

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



PERSPECTIVE FROM 21ST STREET AND CONSTITUTION AVENUE UPDATED

SEPTEMBER 15, 2021

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

STONE

MARBLE (POLISHED & HONED 'WHITE GEORGIA')

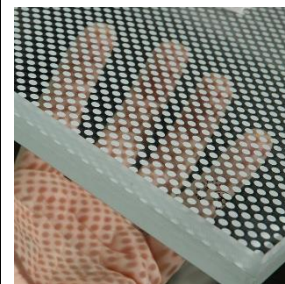


GLAZING

LOW-IRON GLAZING



ACID-ETCHED GLAZING



METAL

RANGE OF OIL-RUBBED BRONZE (US10B: DARK TO LIGHT)



ECCLES BUILDING MATERIAL BOARD

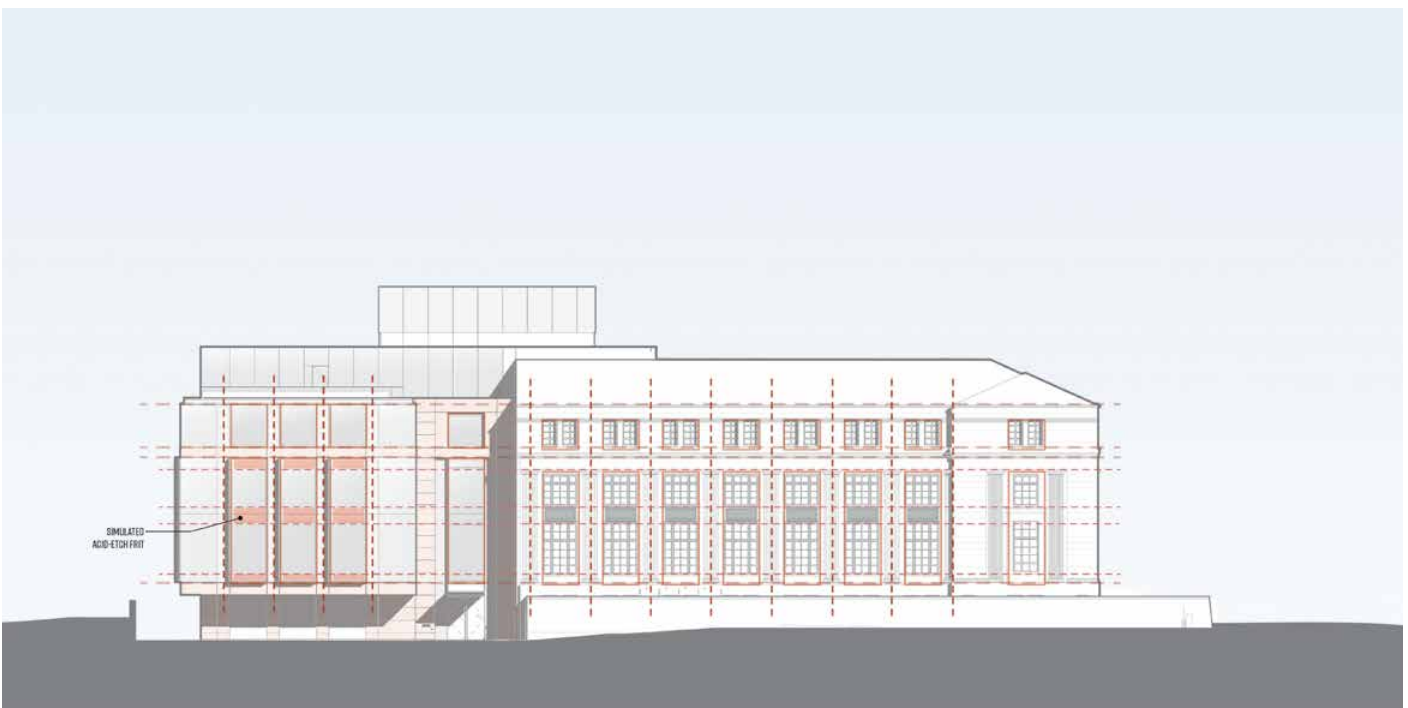
5 FRB EAST DESIGN REFINEMENTS

REFINEMENTS AND CHANGES SINCE CONCEPT APPROVAL

- **REFINEMENT AND DEVELOPMENT OF THE GLAZING FOR THE ADDITION**
- **DESIGN OF OFFICER'S POSTS**



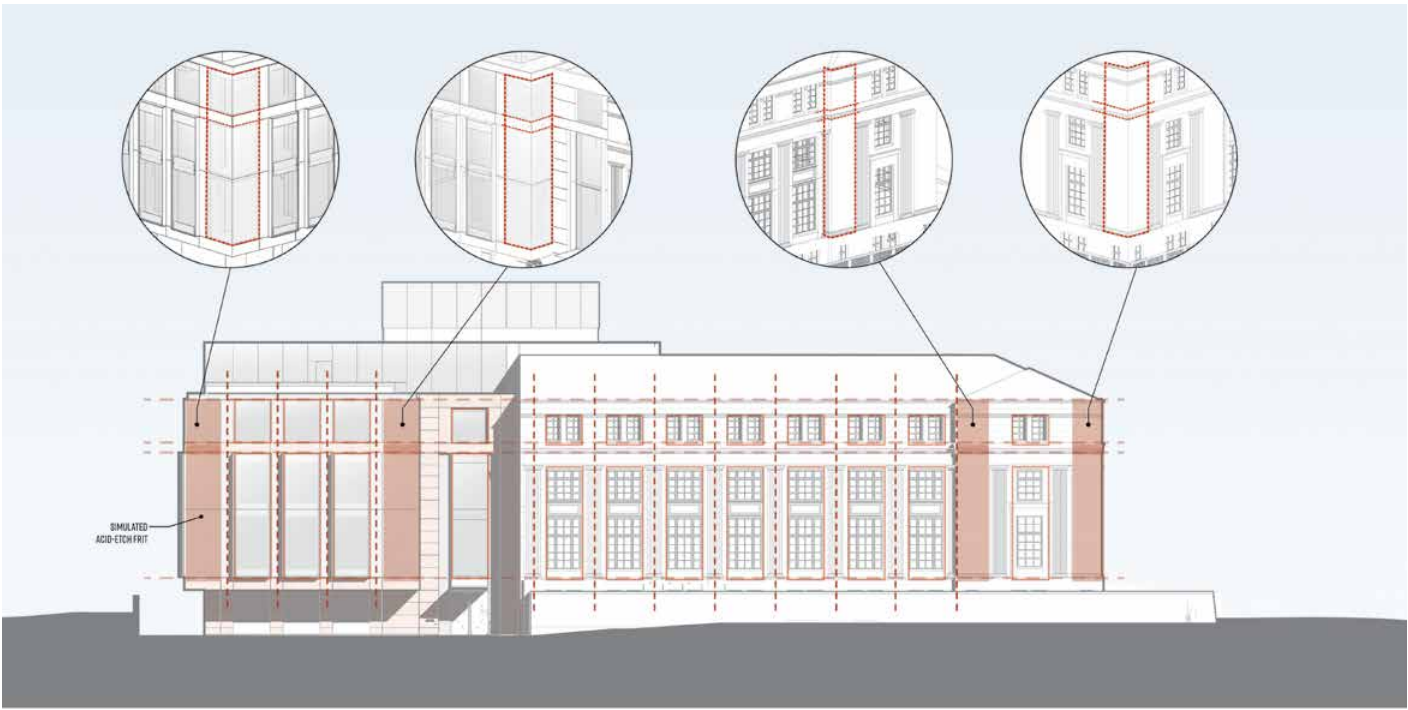
Continuing Datum Lines and Cadence of FRB-East Building



Reproducing FRB-East Building window spandrels through fritted glass



Tying new addition into FRB-East Building through the use of white Georgian marble



Reproducing flush corners of FRB-East Building

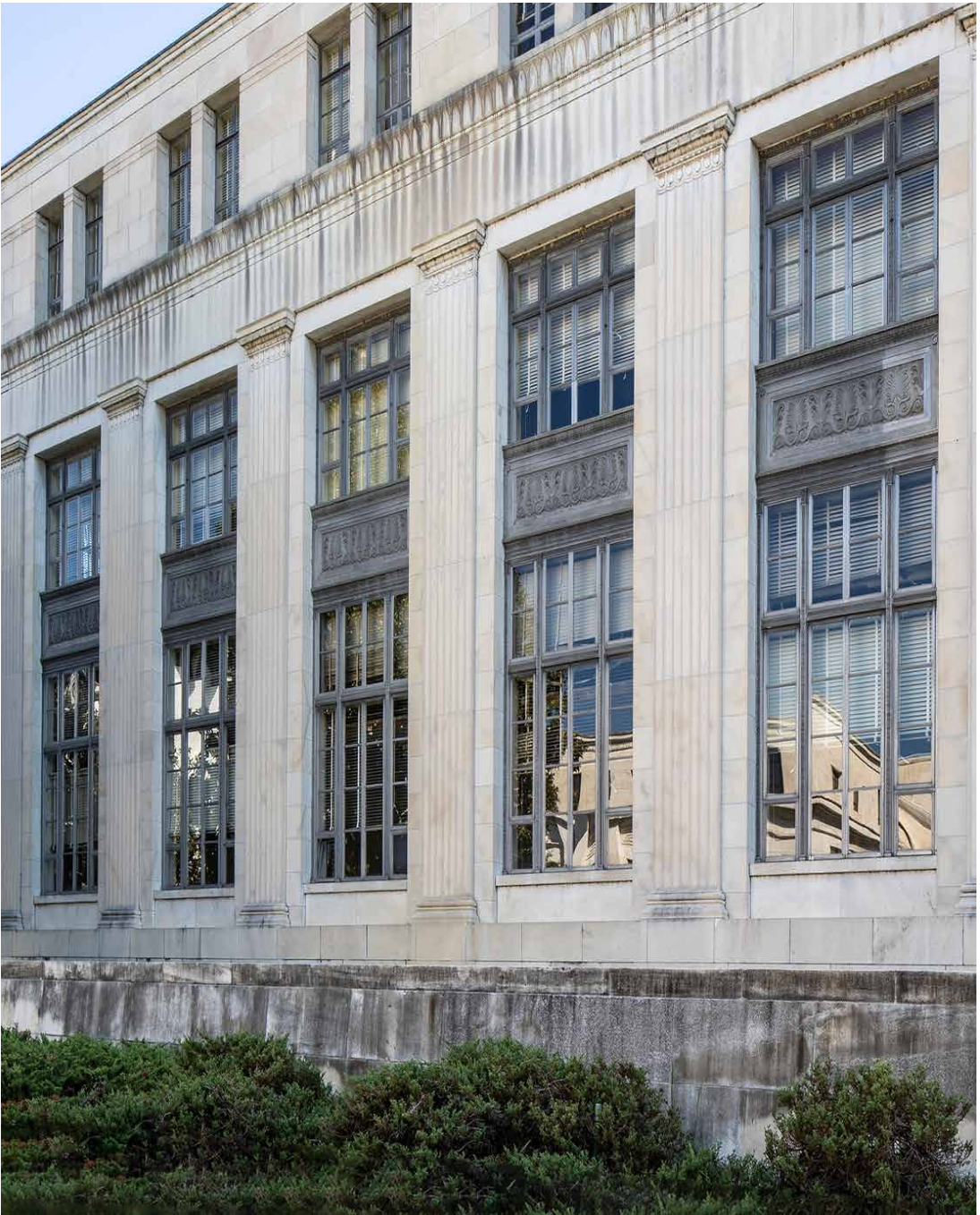
FRB BUILDINGS | FACADE DIAGRAMS

NORTH FACADE OF FRB-EAST ADDITION

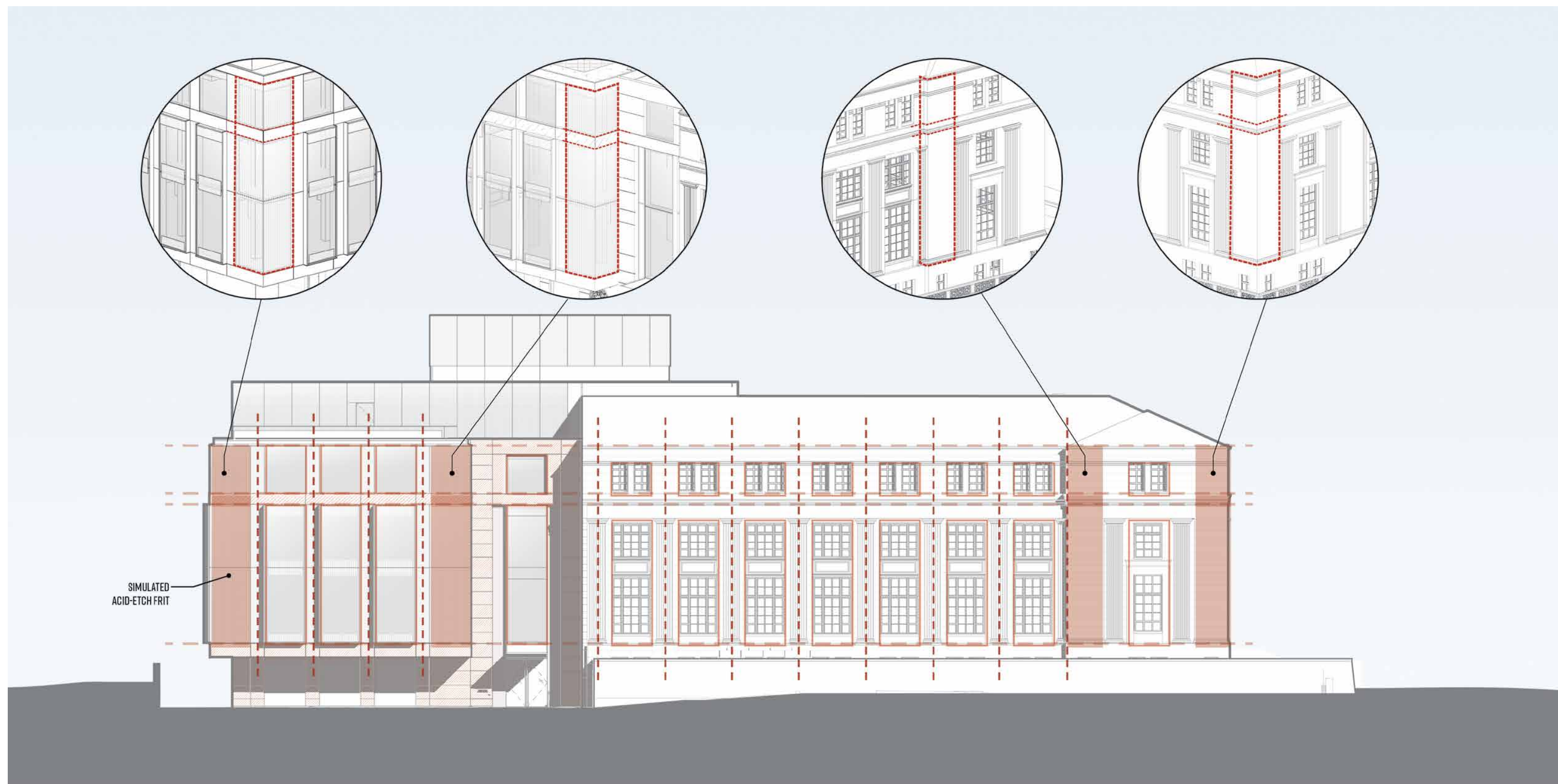


FRB-East Addition bays project 14" from the face of adjacent glazing panels

EXISTING PHOTO OF FRB-EAST FACADE



FRB-East existing windows are set back 14" from the face of the pilasters



Replicating flush corners of FRB-East

FRB-EAST ELEVATION DIAGRAM



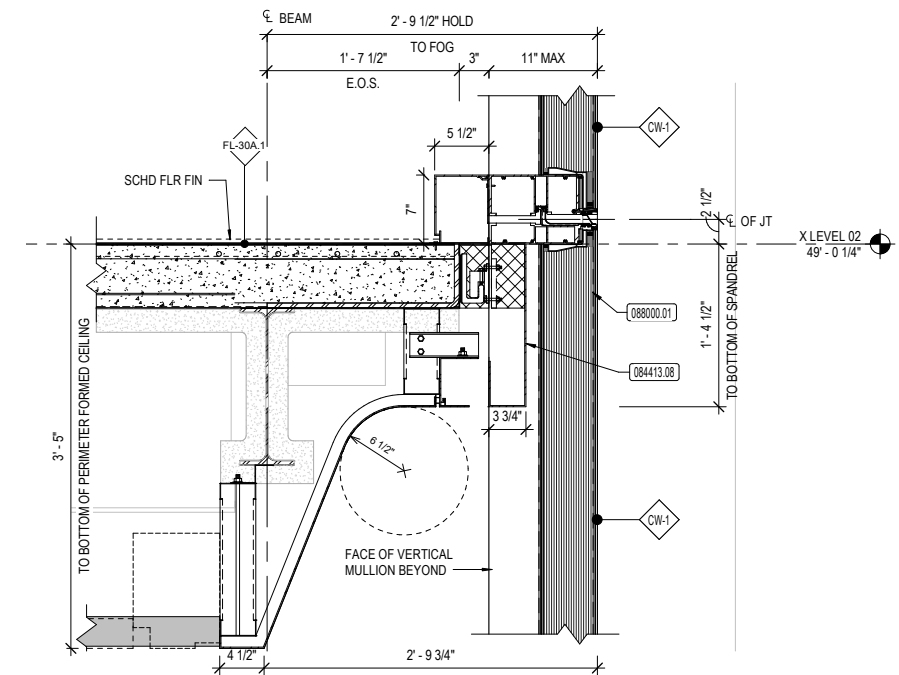
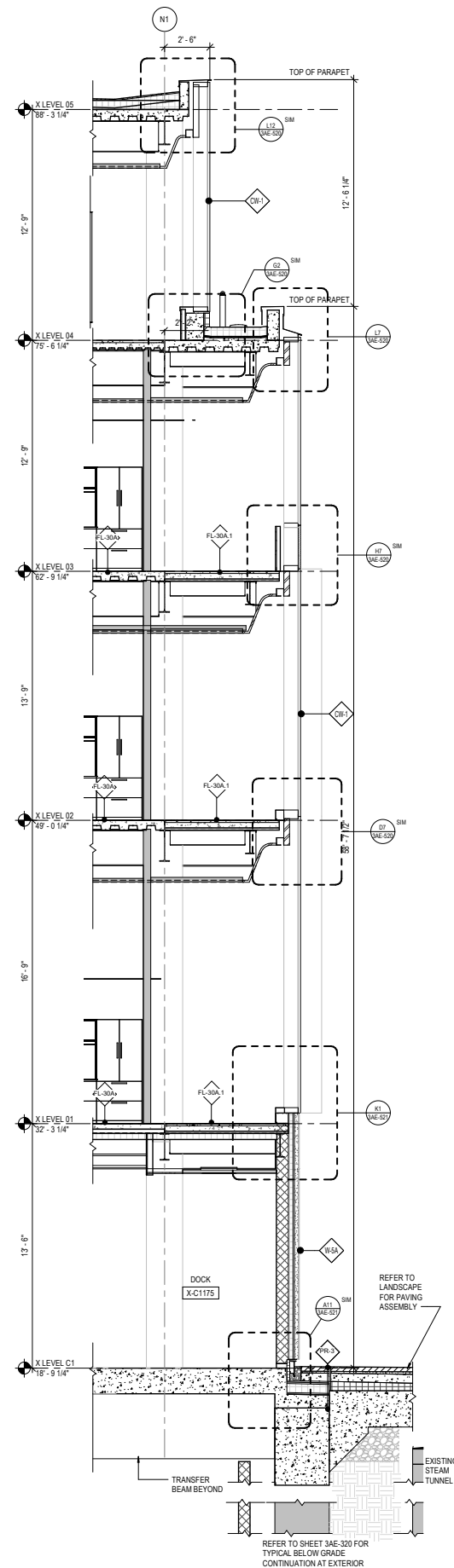
FRB-EAST ENTRANCE ON 20TH STREET PRESENTED TO THE COMMISSION IN JULY 2020



FRB-EAST ENTRANCE ON 20TH STREET UPDATED



PERSPECTIVE FROM C ST AND 20TH STREET UPDATED



GLAZING

ACID-ETCHED GLAZING

DIFFUSING GLAZING

LOW-IRON GLAZING

STONE

WHITE GEORGIA MARBLE INTERLAYER

MARBLE (POLISHED & HONED 'WHITE GEORGIA')

METAL

RANGE OF STAINLESS STEEL FINISHES (BEAD BLAST AND DIRECTIONAL)

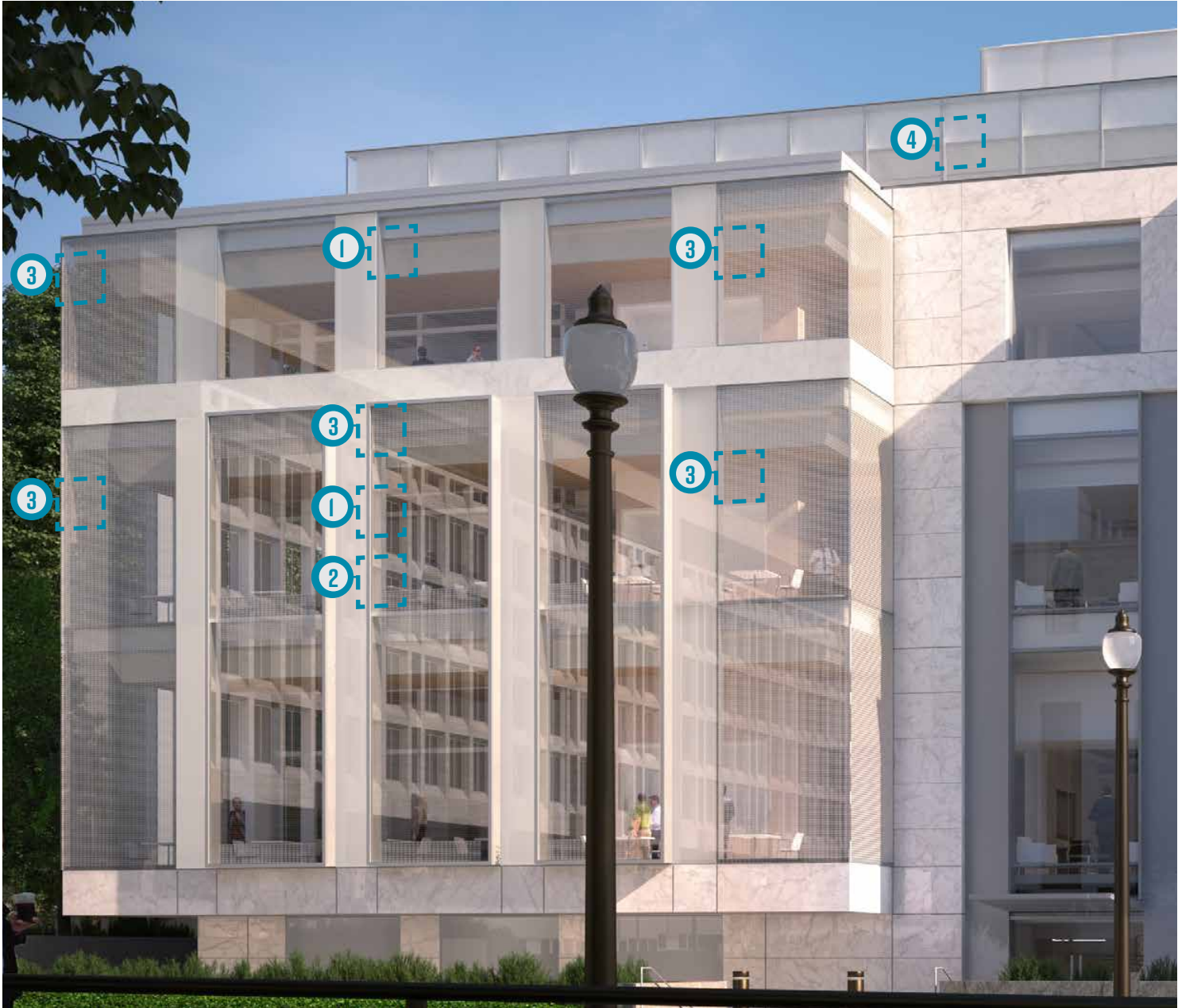
COATED ALUMINUM



FRB-EAST BUILDING MATERIAL BOARD

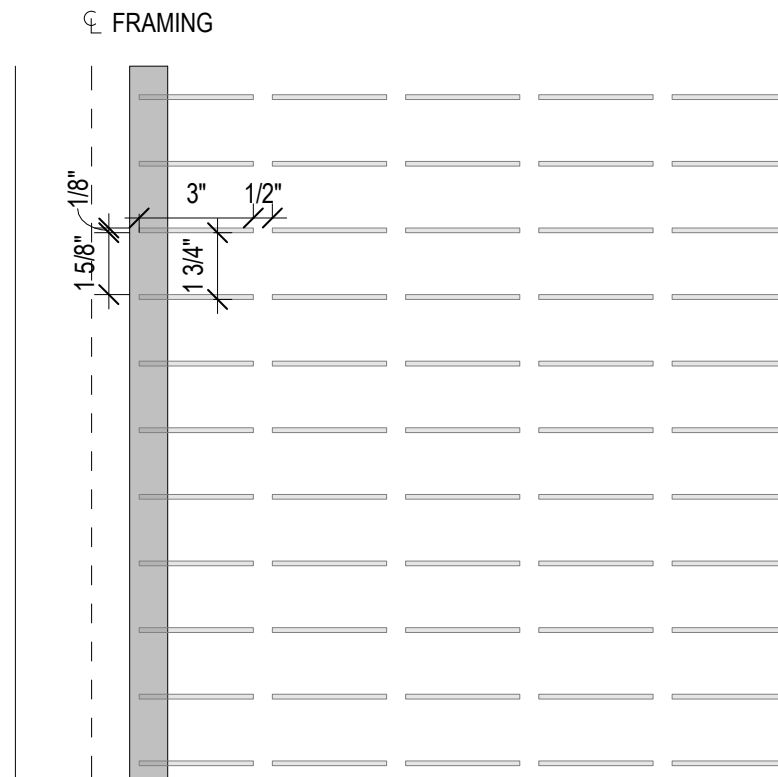


ECCLES BUILDING VIEW FROM 20TH ST

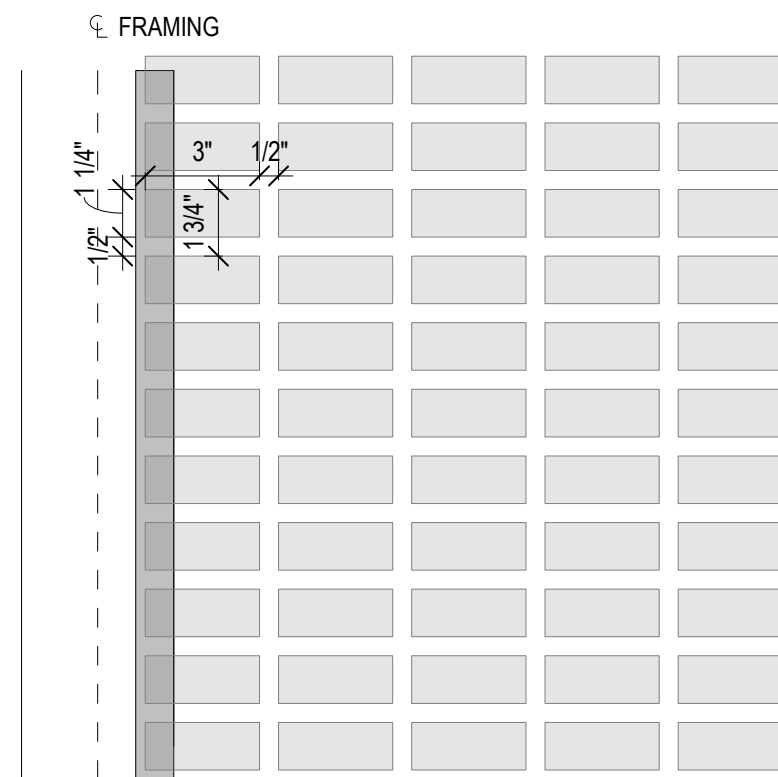


FRB-EAST BUILDING VIEW FROM 20TH ST

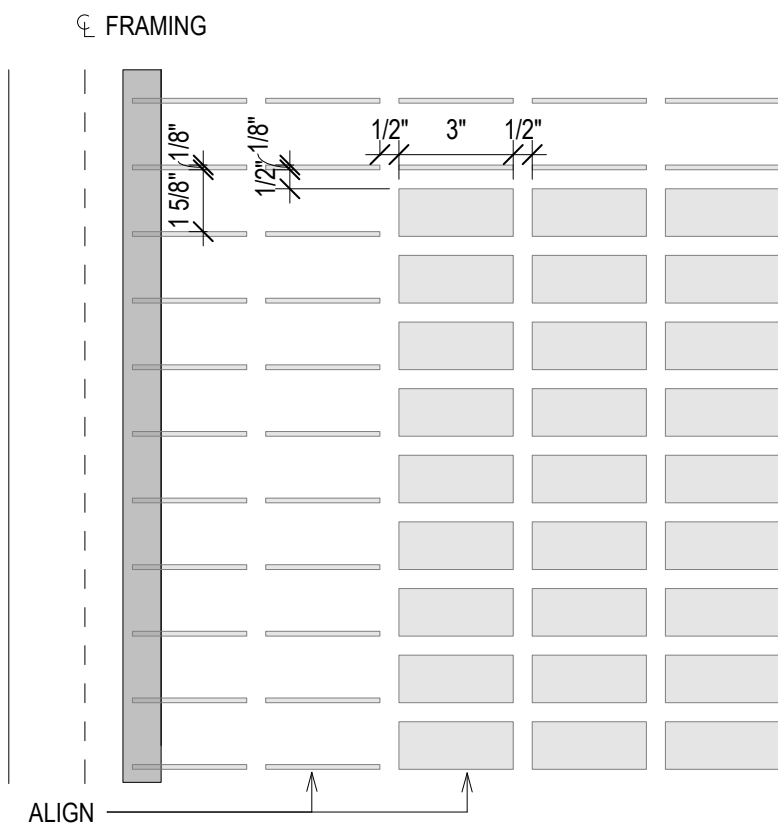
PROJECT WIDE FRIT PATTERNS



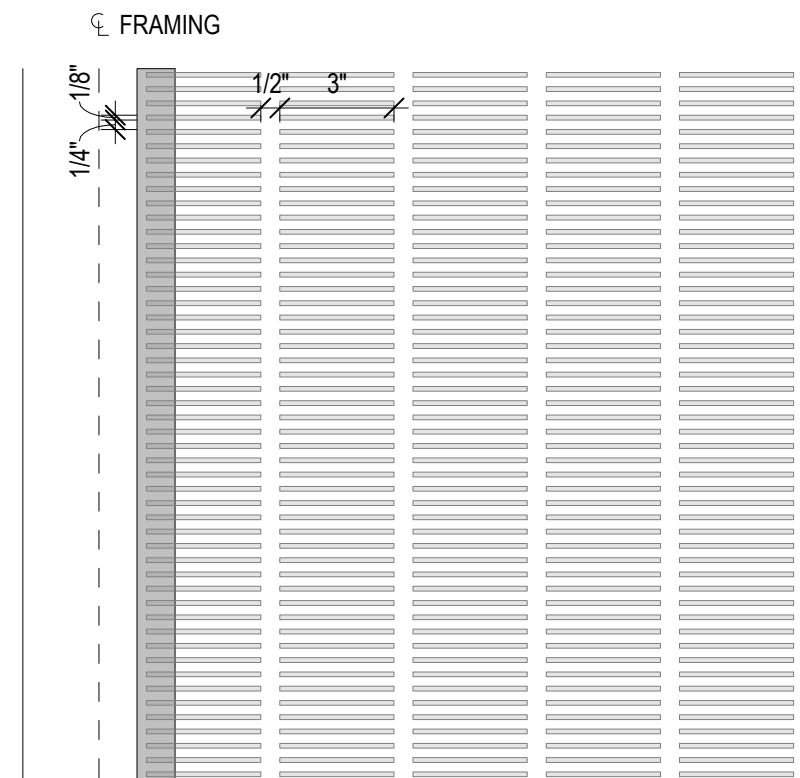
1. ENLARGED ELEVATION - FRIT PATTERN B



3. ENLARGED ELEVATION - FRIT PATTERN C

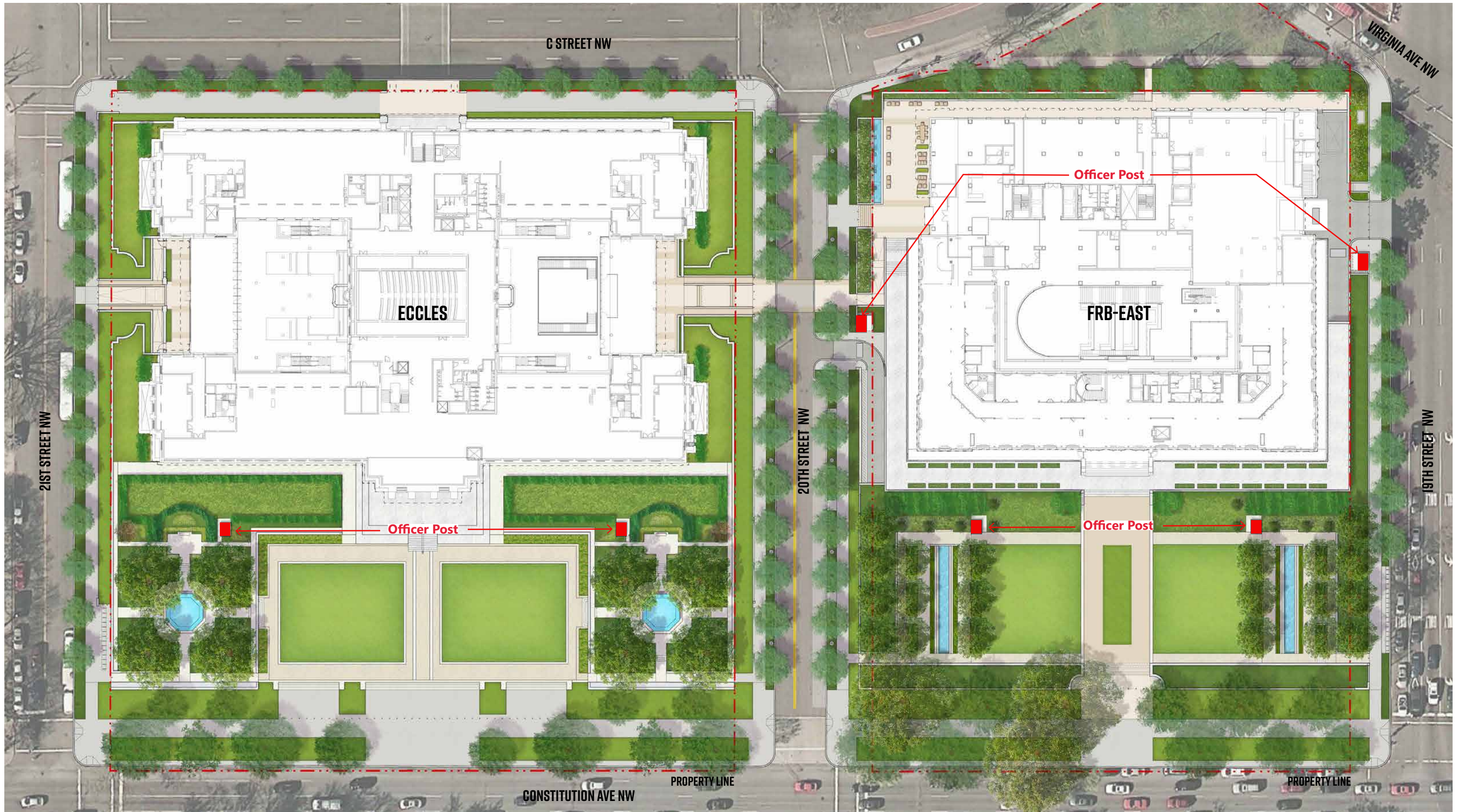


2. ENLARGED ELEVATION - FRIT PATTERN B.2



4. ENLARGED ELEVATION - FRIT PATTERN C.2

6 OFFICER POSTS





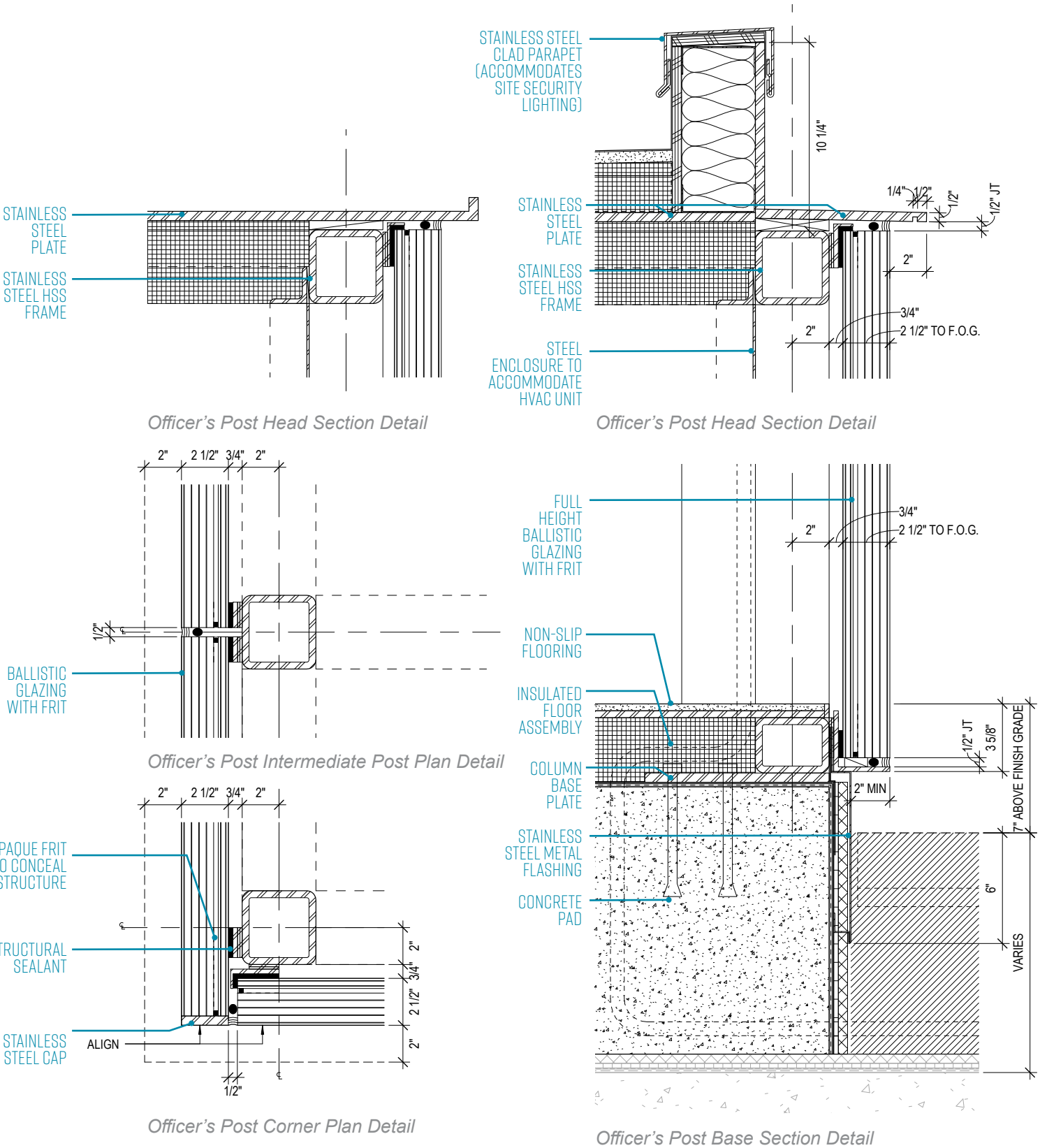
SOUTH LAWN OFFICER POST



View of FRB-East garage exit (west) officer's post from north



View of FRB-East garage entry (east) officer's post from north

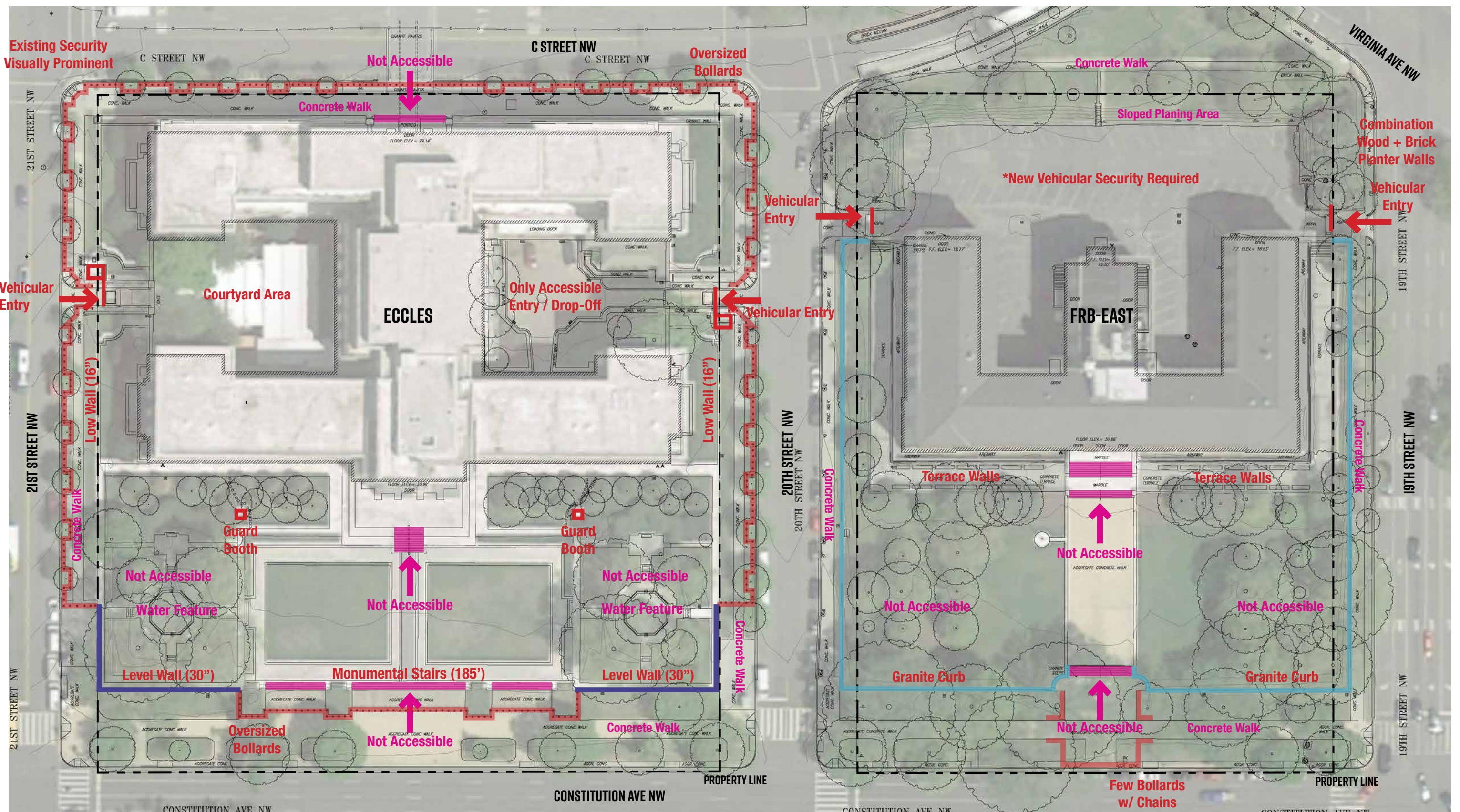


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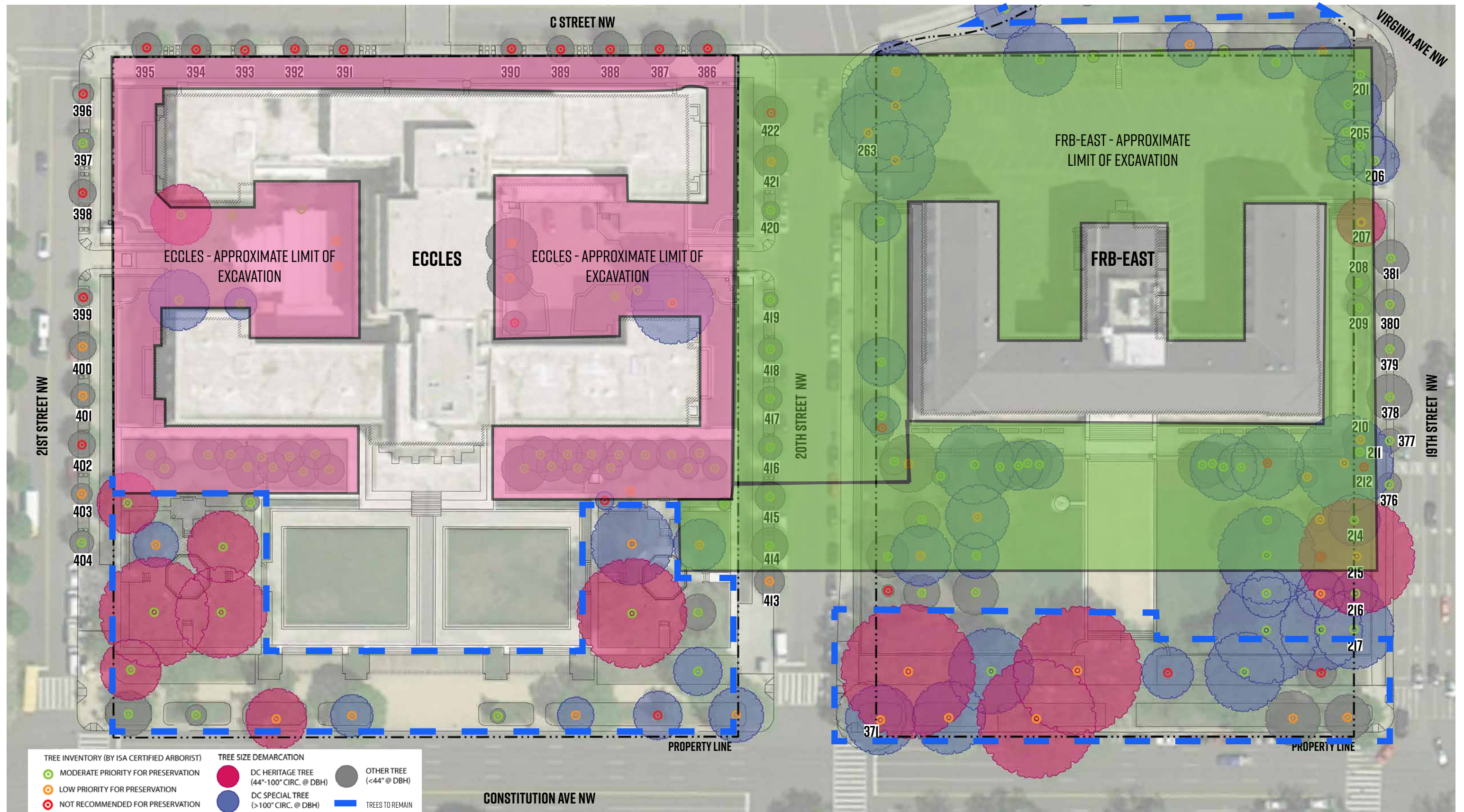
**LANDSCAPE
DESIGN**

LANDSCAPE REFINEMENTS AND CHANGES SINCE CONCEPT APPROVAL

- REFINEMENTS AND RECONFIGURATION OF 20TH STREET
- REFINEMENTS TO PERIMETER SECURITY
- OVERVIEW OF LANDSCAPE MATERIALS



EXISTING SITE ANALYSIS | ACCESSIBILITY + SECURITY

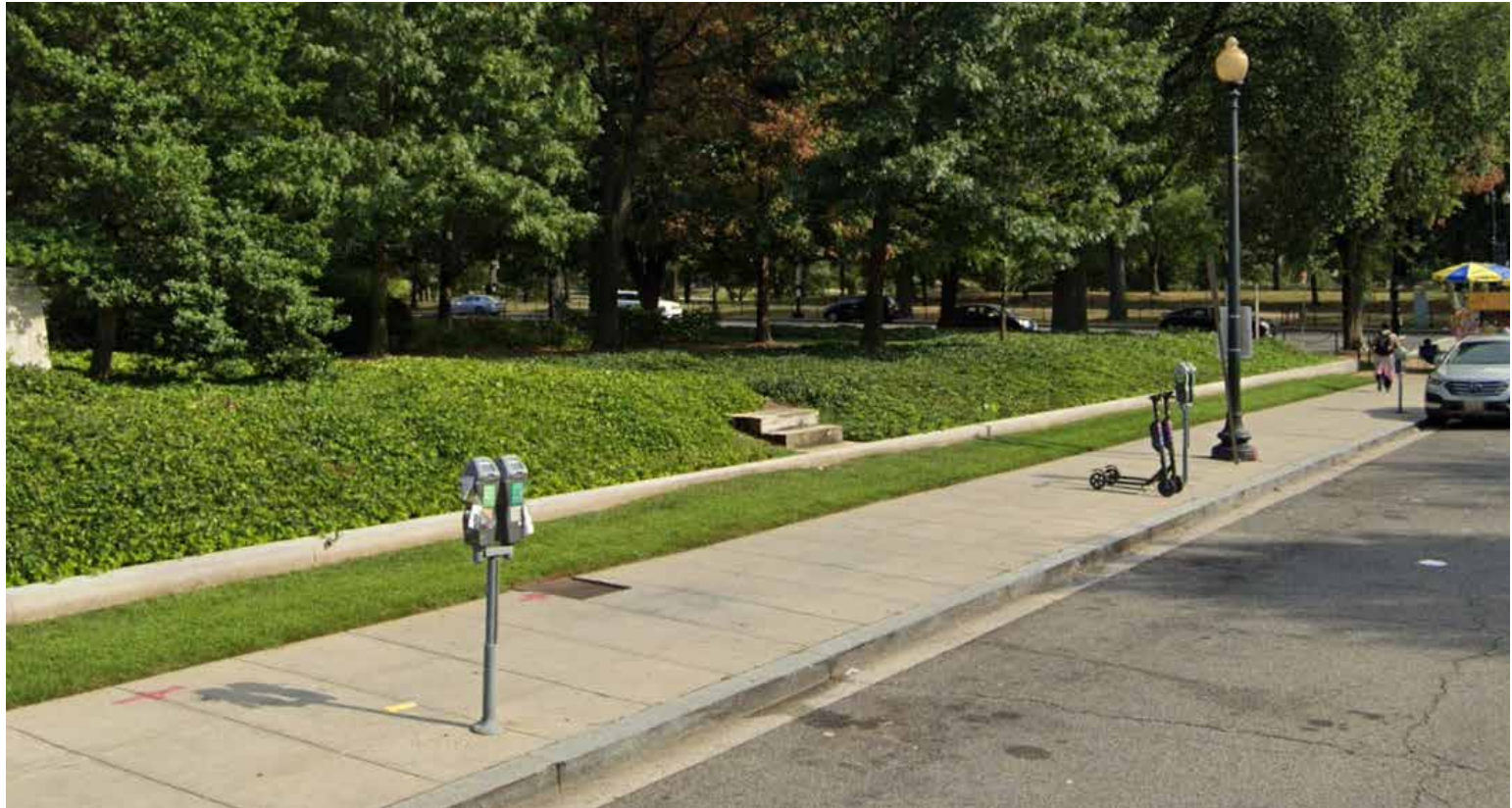


LIMITS OF BUILDING DEMOLITION AND EXISTING TREES TO REMAIN





Eccles | Heavy Bronze Bollards at South Lawn Terrace



FRB-East | 20th St NW with No Street Trees or Planting at Curb



Eccles | Heavy Bronze Bollards at 20th St NW near Accessible Entrance



FRB-East | Sloped Planting Area at Historic Terrace along 19th St NW

EXISTING SECURITY MEASURES & DETERRENTS



Eccles | South Terrace Gardens



FRB-East | South Lawn Terrace & Gardens

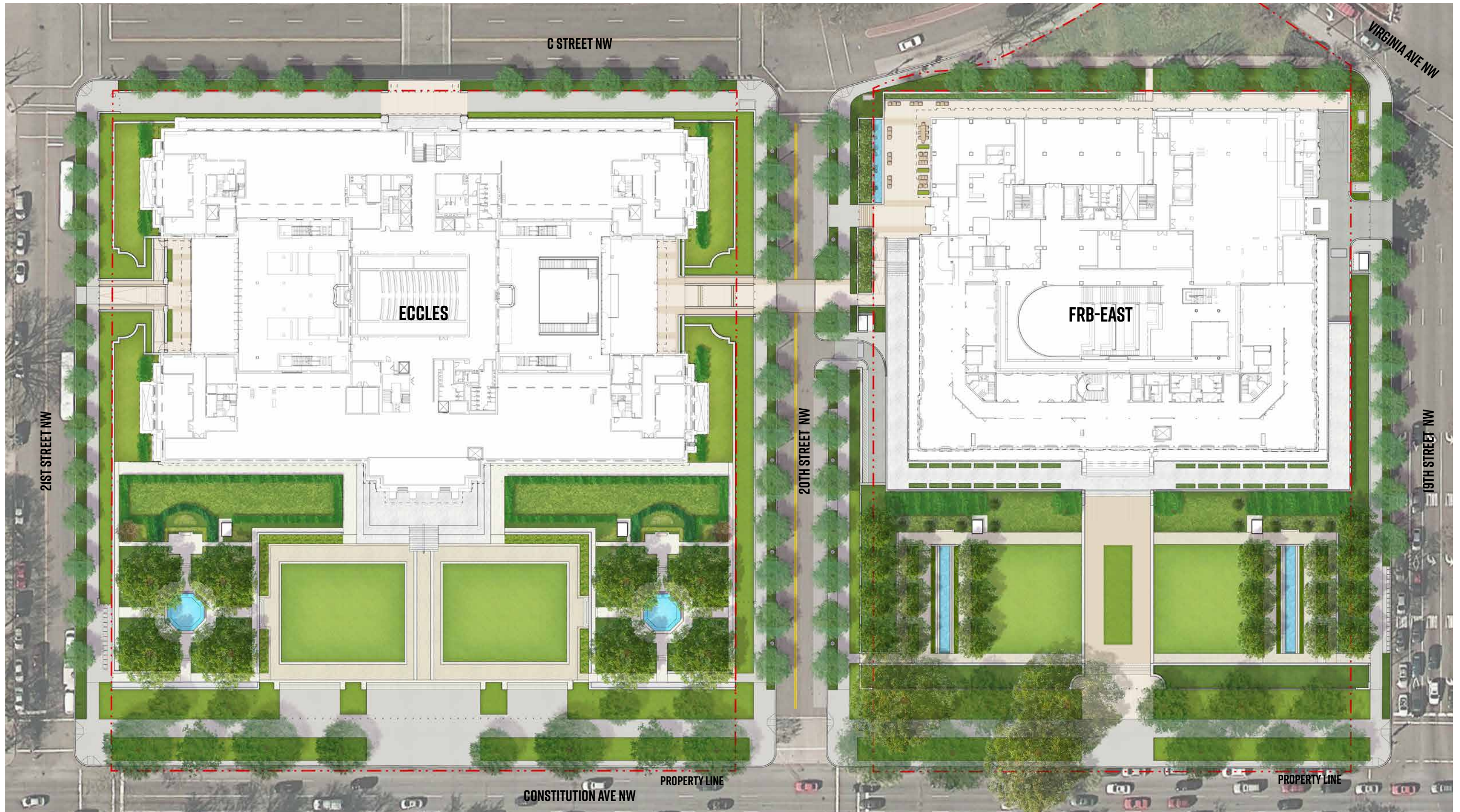


Eccles | Building/Service Entrance at 20th St NW



FRB-East | Vehicular Entrance at 20th St NW

EXISTING CONDITIONS

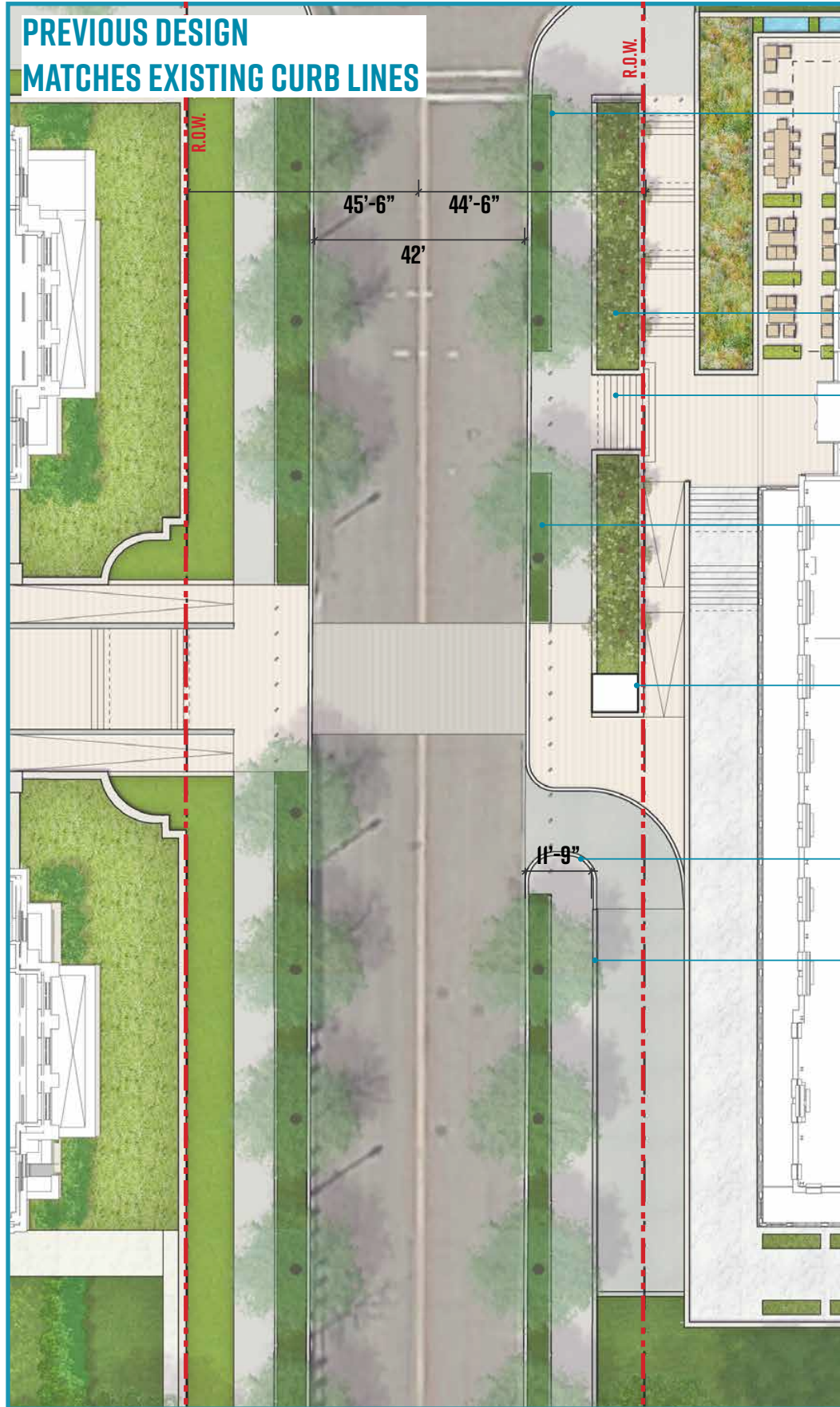


LANDSCAPE PLAN

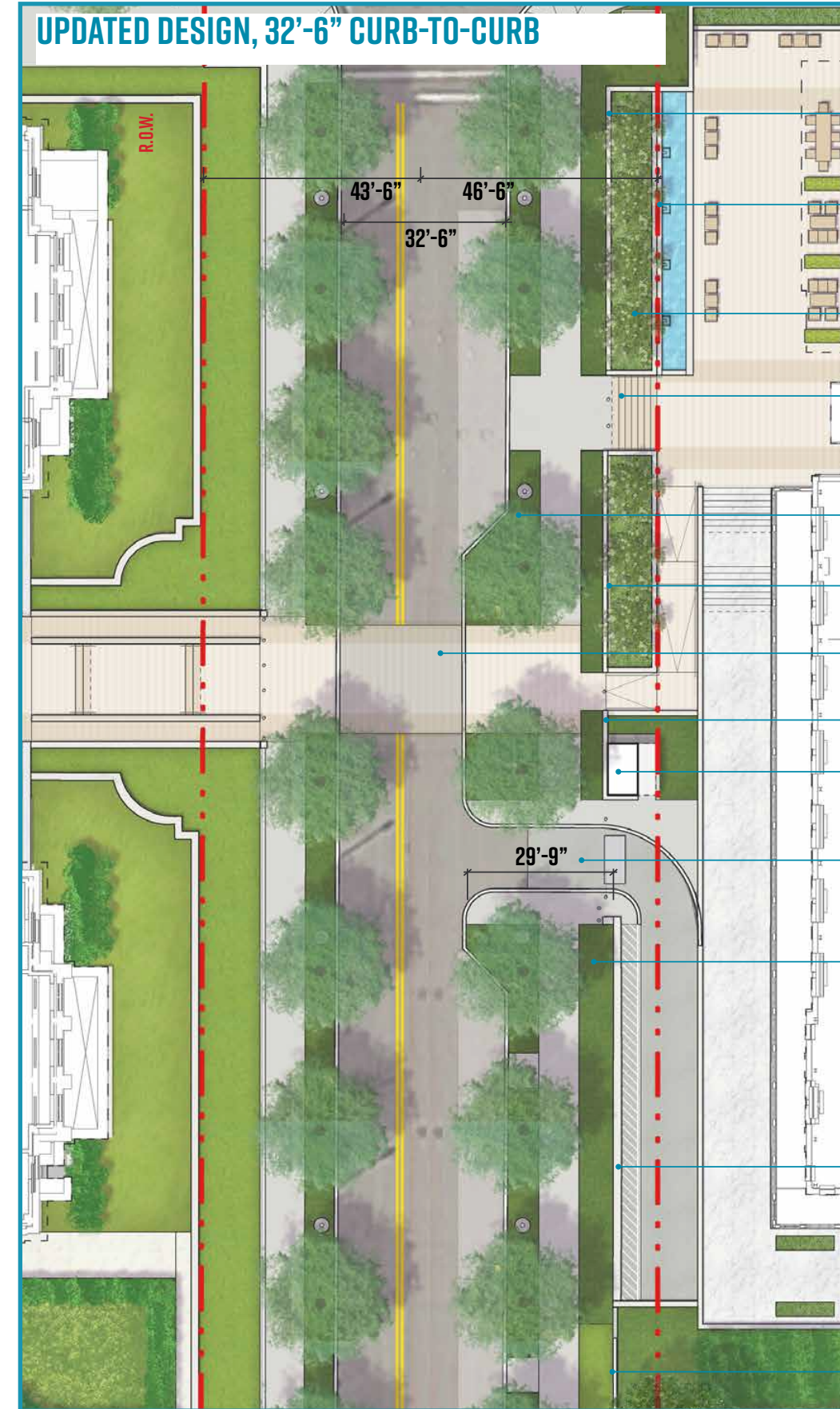
SEPTEMBER 15, 2021

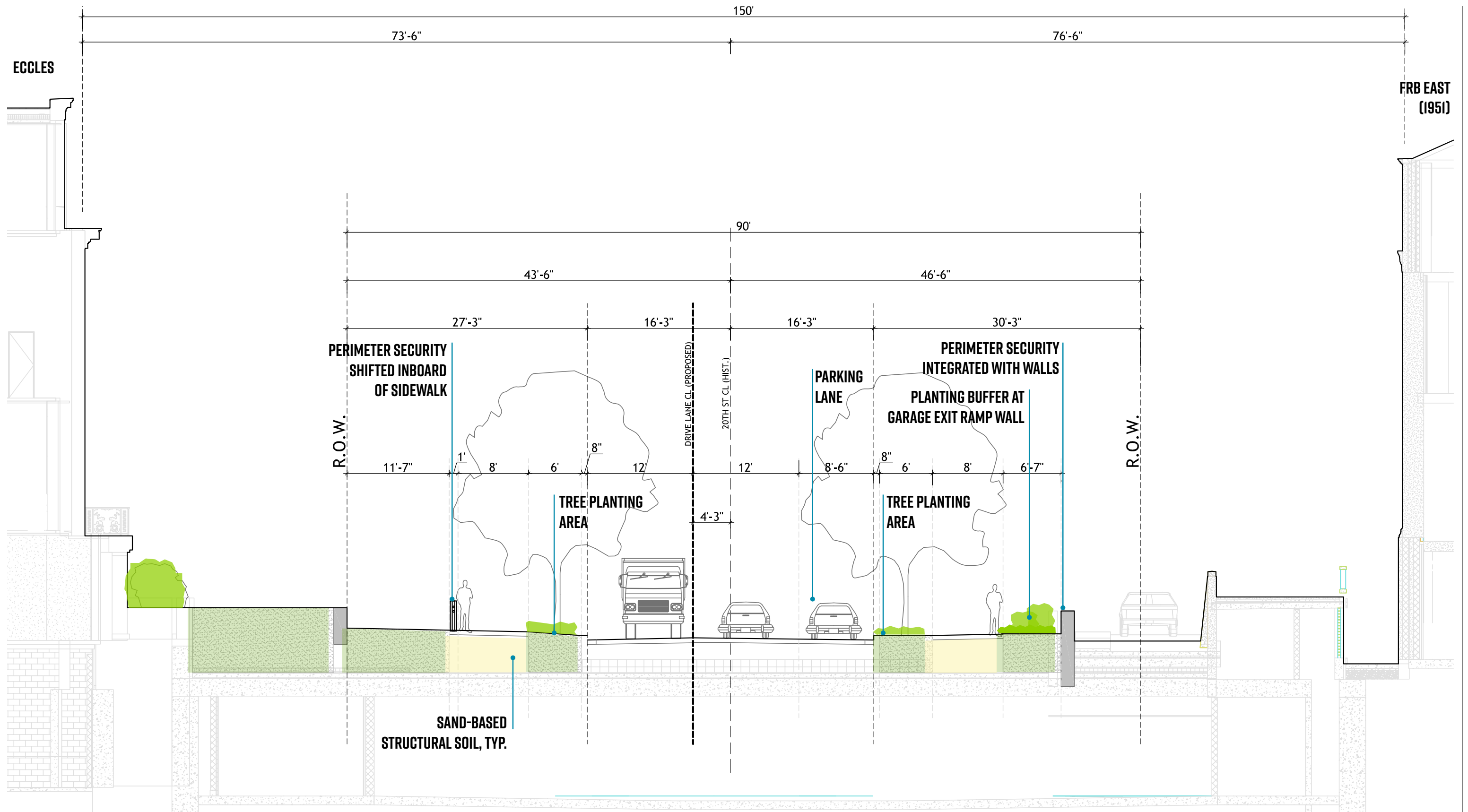
ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



SITE PLAN - 20TH STREET NARROWING - COMPARISON



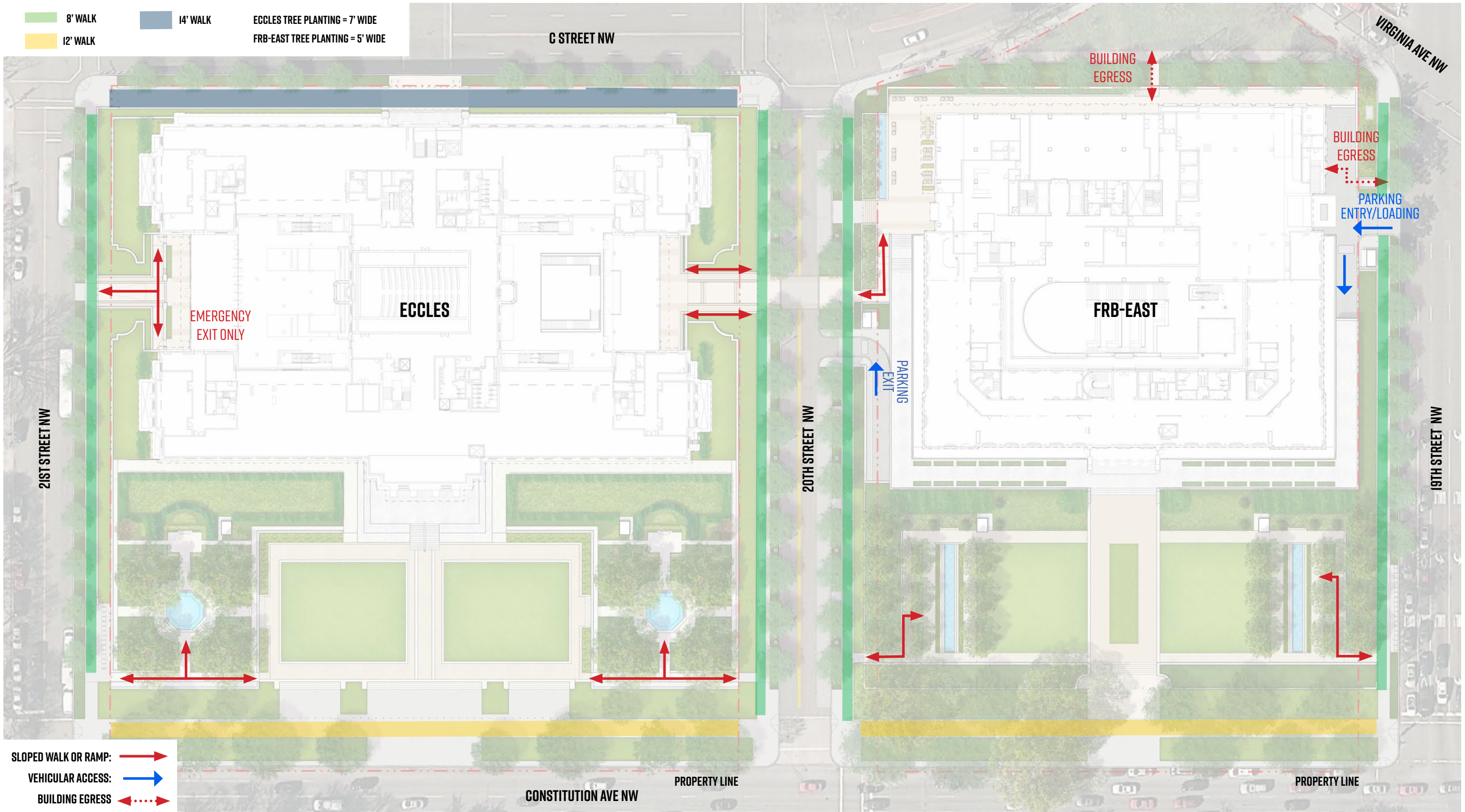


PROPOSED DESIGN: MATCHES 1931 HISTORIC CURBLINES AND CENTERLINE | 24'-0" TRAVEL LANES W/ PARALLEL PARKING

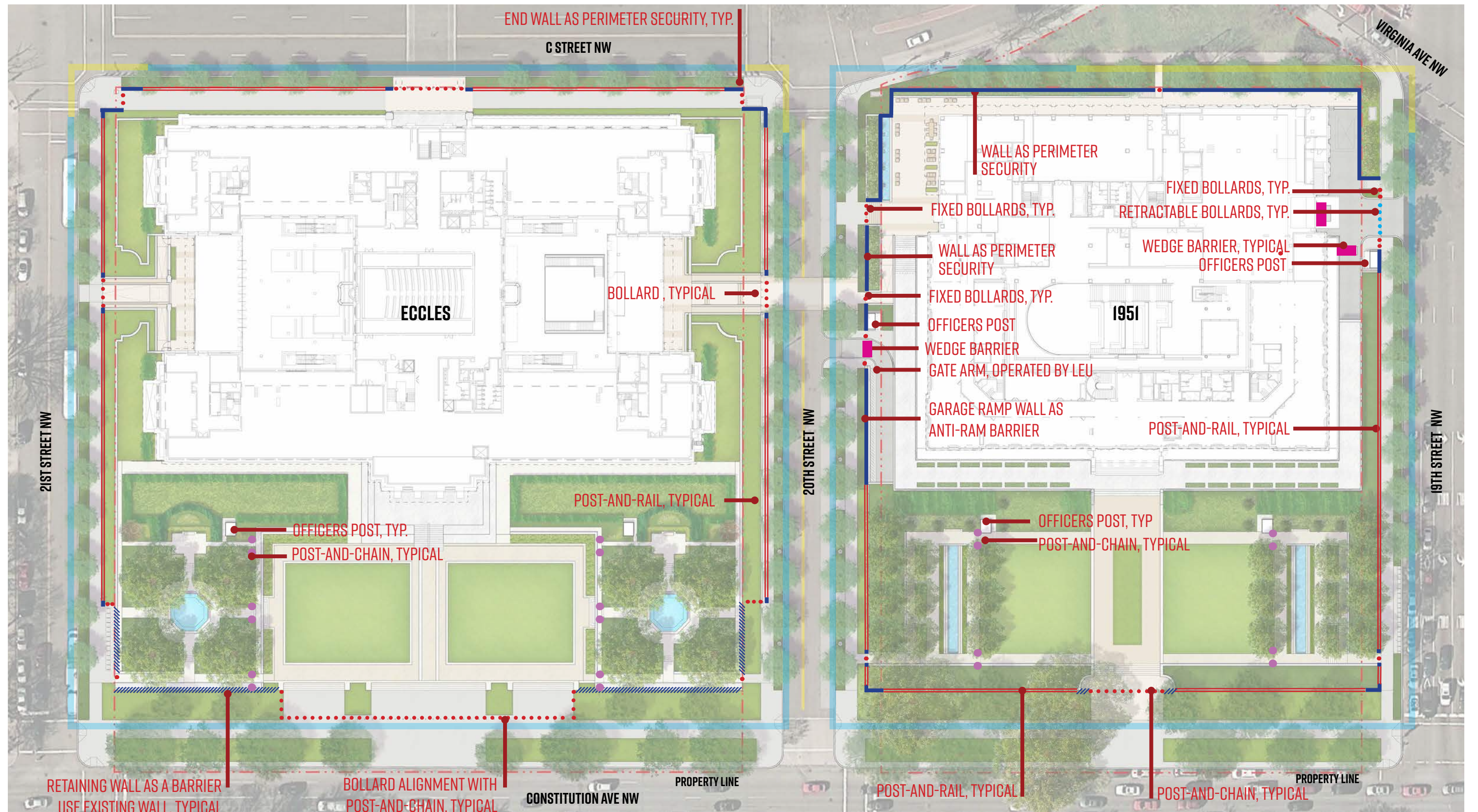


32'-6" WIDE w/ PARKING LANE

20TH STREET - MODEL VIEW NEAR CONSTITUTION AVE



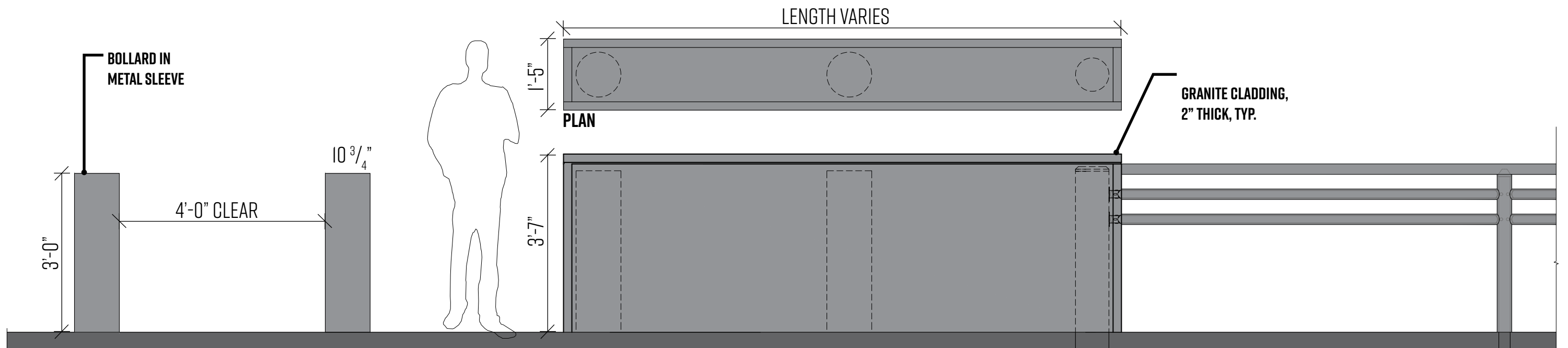
PROPOSED ACCESSIBILITY



- BOLLARD
- //// BARRIER WALL (EXISTING)
- RETRACTABLE BOLLARDS
- POST & CHAIN:
- == POST AND RAIL
- == BARRIER WALL (NEW)
- WEDGE BARRIER

SITE SECURITY DIAGRAM





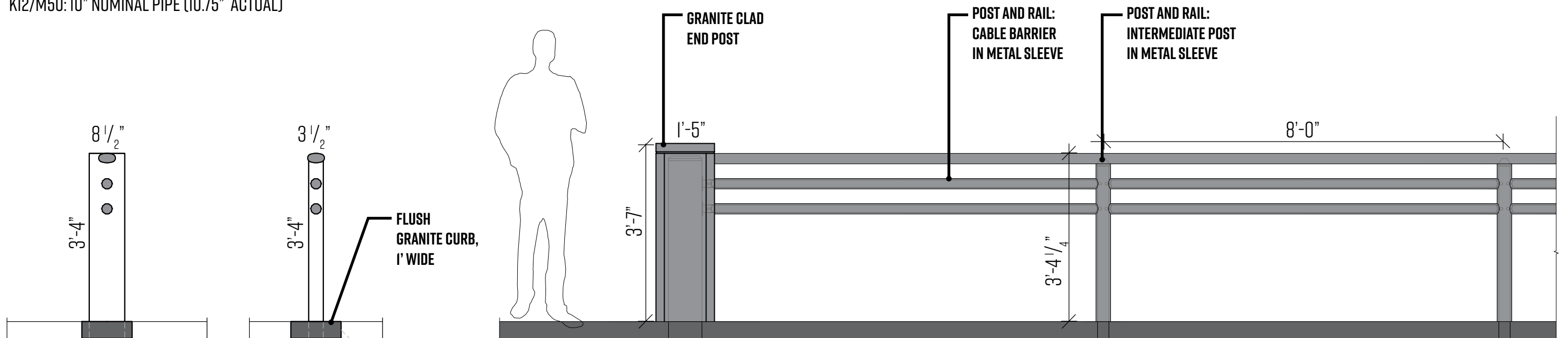
BOLLARDS

POST AND RAIL AT GRANITE CLAD END WALL

NOTE:

K4/M30: 8" NOMINAL PIPE (8.625" ACTUAL)

K12/M50: 10" NOMINAL PIPE (10.75" ACTUAL)



TERMINAL STANCHION

INTERMEDIATE STANCHION

POST AND RAIL AT END POST

PROPOSED DESIGN | PERIMETER SECURITY - POST-AND-RAIL



EXISTING CONDITIONS

FLUSH
GRANITE
CURB

POST AND RAIL:
INTERMEDIATE POST
IN METAL SLEEVE

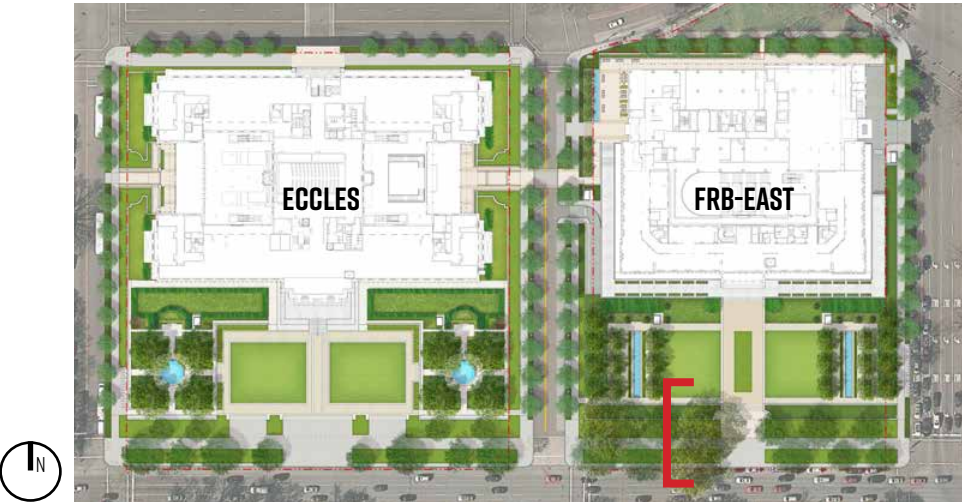
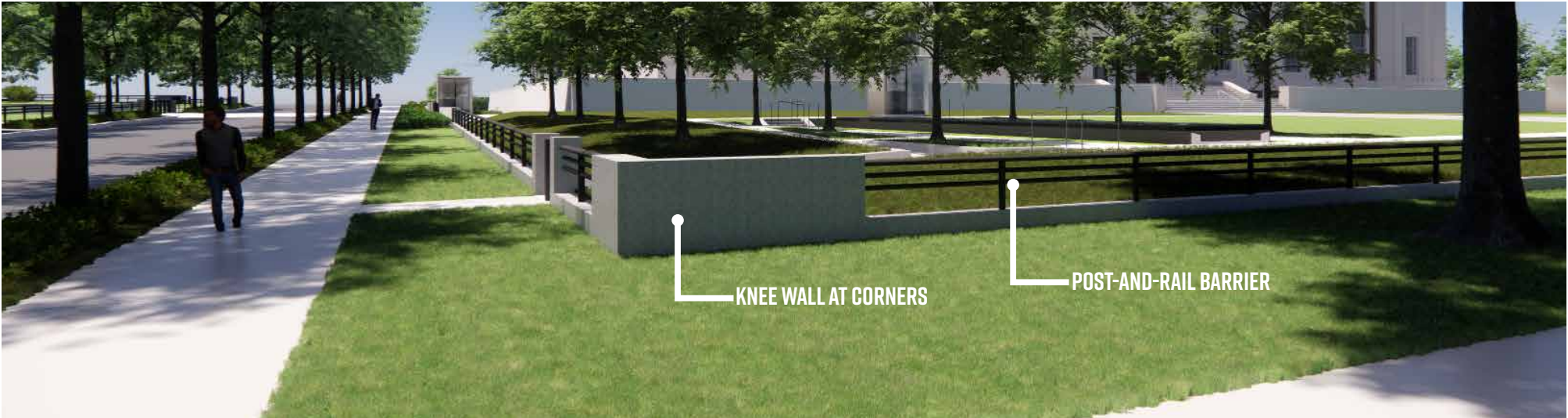
POST AND RAIL:
CABLE BARRIER
IN METAL SLEEVE

GRANITE CLAD
END POST

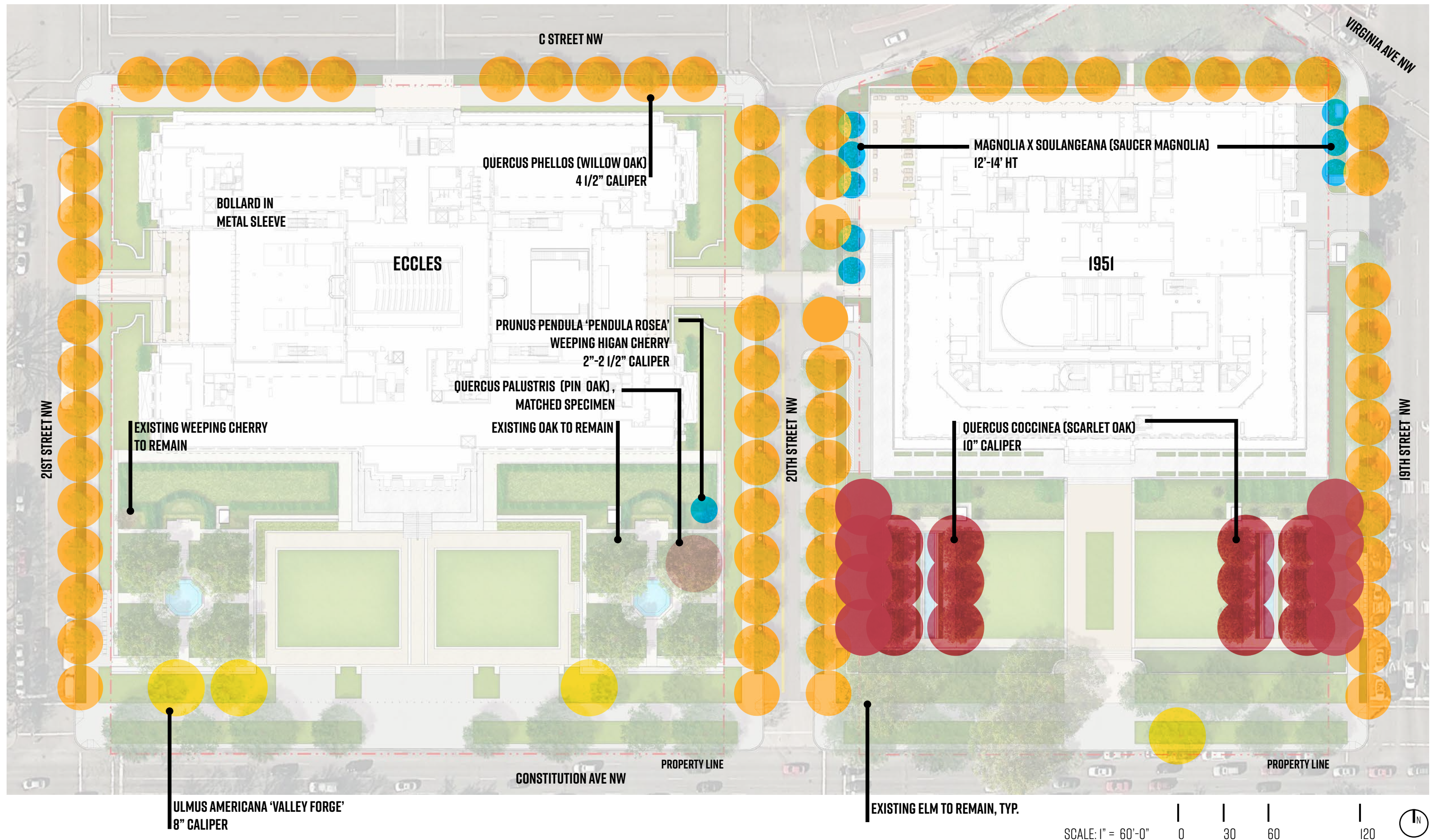
BOLLARD IN
METAL SLEEVE



POST-AND-RAIL VEHICULAR BARRIER AT ECCLES



FRB-EAST | CONSTITUTION AVE NW SECTION - NORTH/SOUTH



TREE PLANTING - QUANTITIES, SPECIES, AND CALIPER SIZE

GROVE TREES



QUERCUS COCCINEA (SCARLET OAK) - QUANTITY: 20



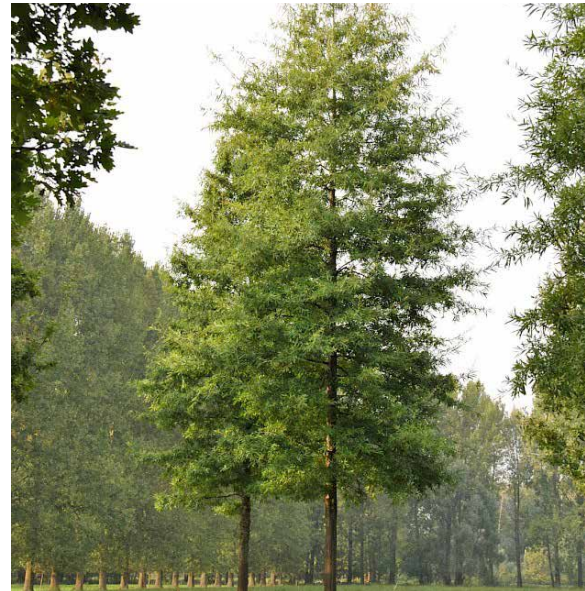
QUERCUS RUBRA (RED OAK)



STREET TREES



QUERCUS PHELLOS (WILLOW OAK) - QUANTITY: 63



ULMUS AMERICANA 'VALLEY FORGE' ('VALLEY FORGE' AMERICAN ELM)- QUANTITY: 4



UNDERSTORY



MAGNOLIA VIRGINIANA - SWEETBAY MAGNOLIA - QUANTITY: 8



PRUNUS PENDULA 'PENDULA ROSEA' - WEEPING CHERRY - QUANTITY: 1



WEST - LAWN

KENTUCKY BLUEGRASS
TALL FESCUE AND FINE FESCUE MIX
ANNUAL RYE



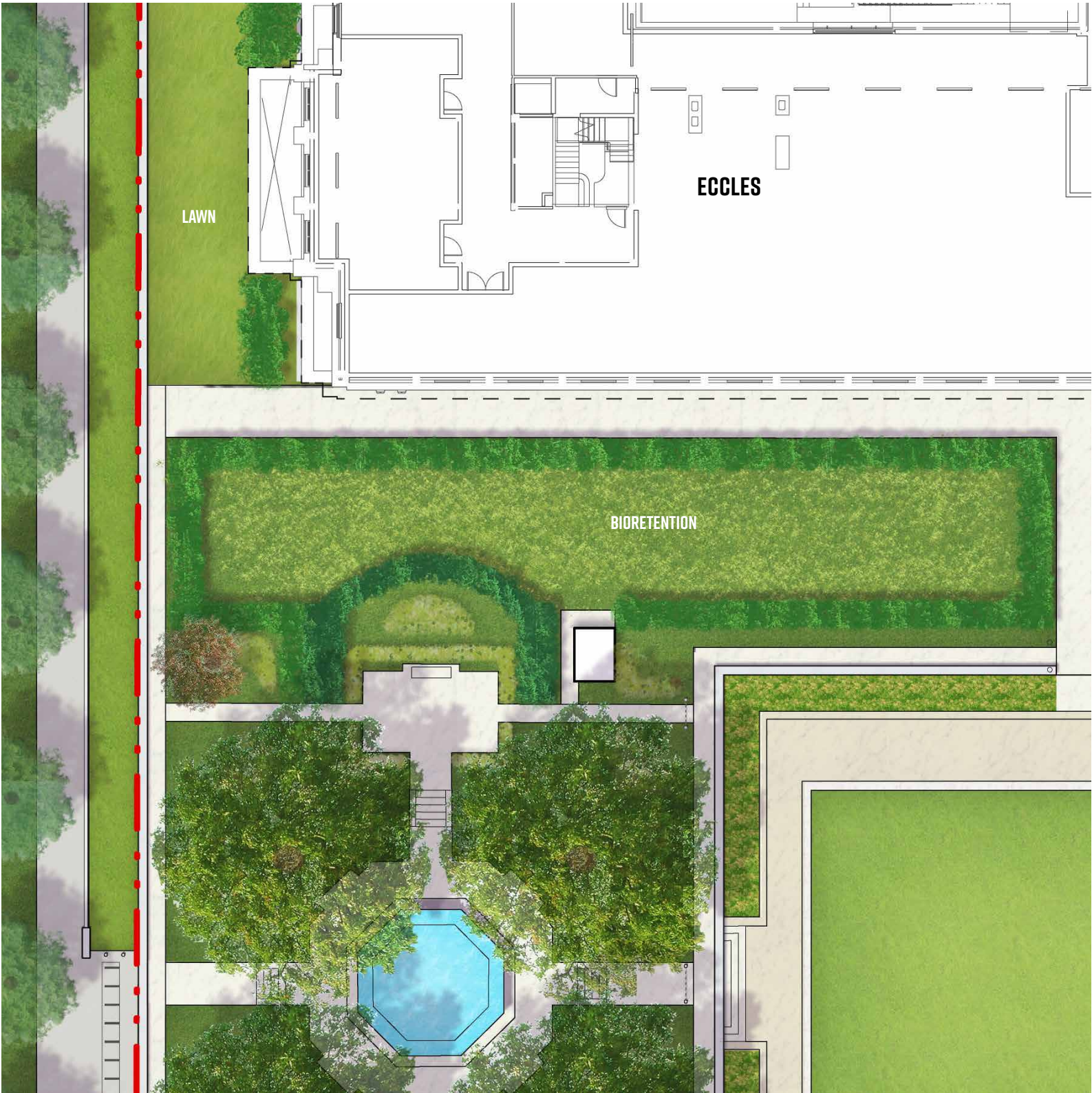
SOUTH - BIORETENTION

SOFT RUSH
TUSsock SEDGE
SWITCHGRASS



EXISTING GARDEN

HEMLOCK HEDGE
WEEPING CHERRY
AZALEA



Plan Enlargement

PROPOSED PLANT PALETTE



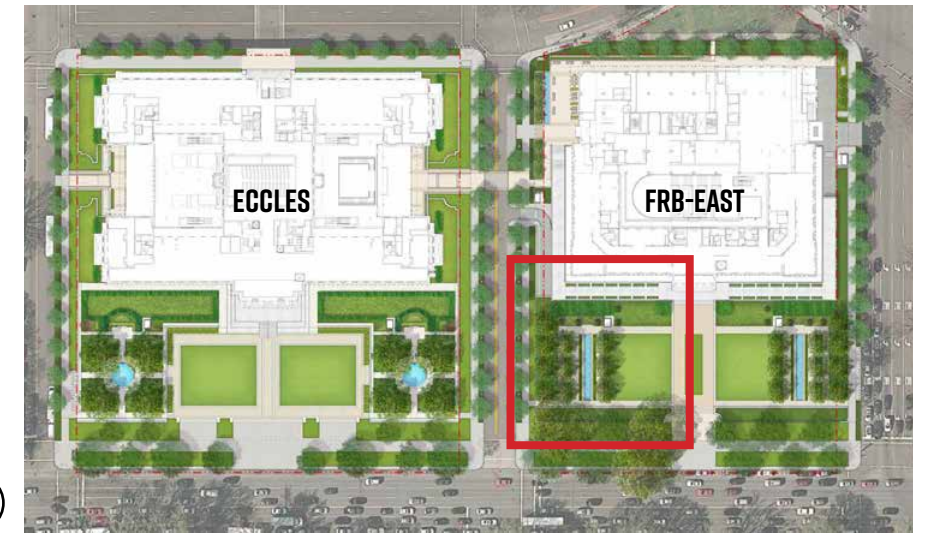
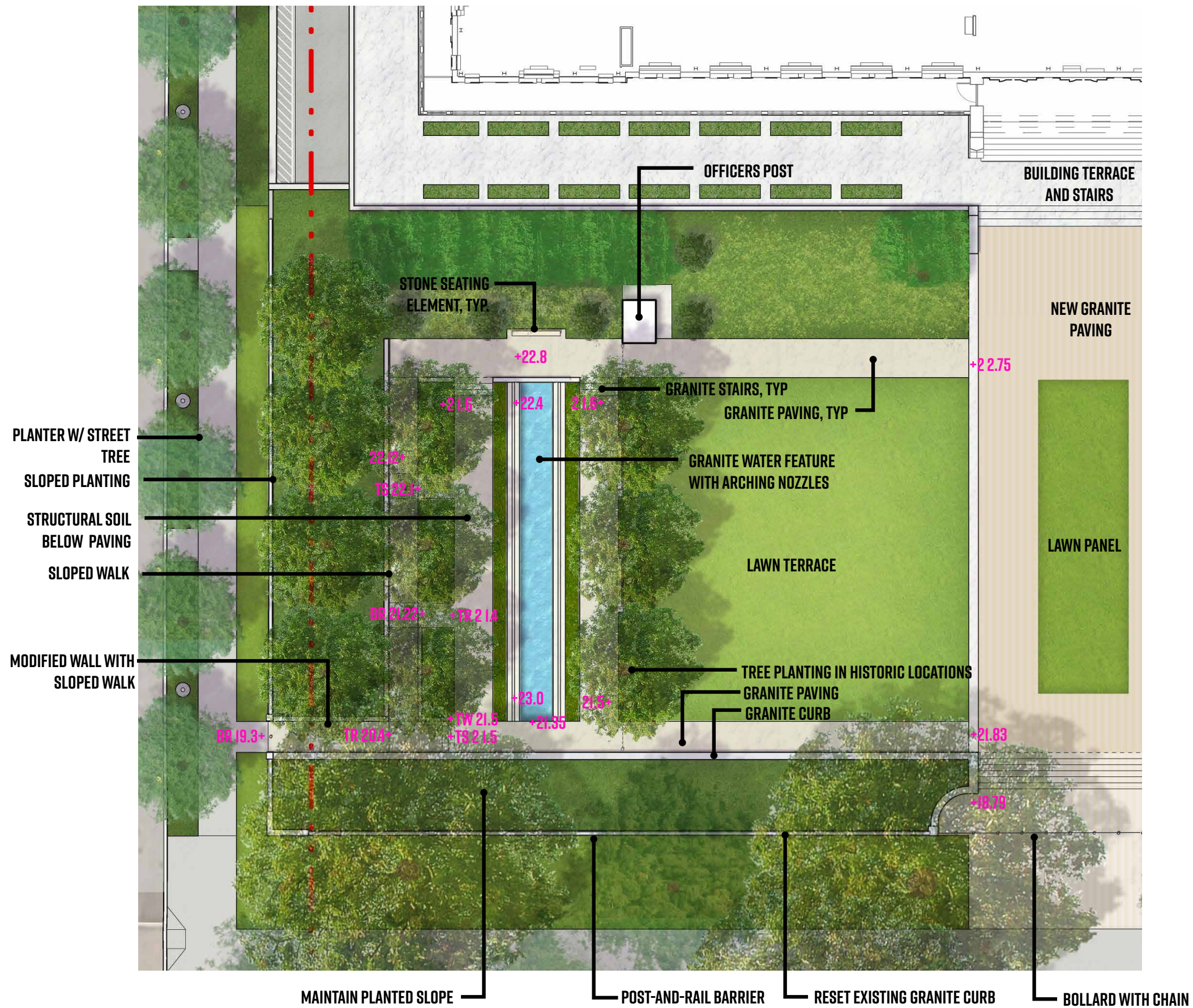
Perspective Rendering

BIORETENTION SOUTH OF ECCLES

SEPTEMBER 15, 2021

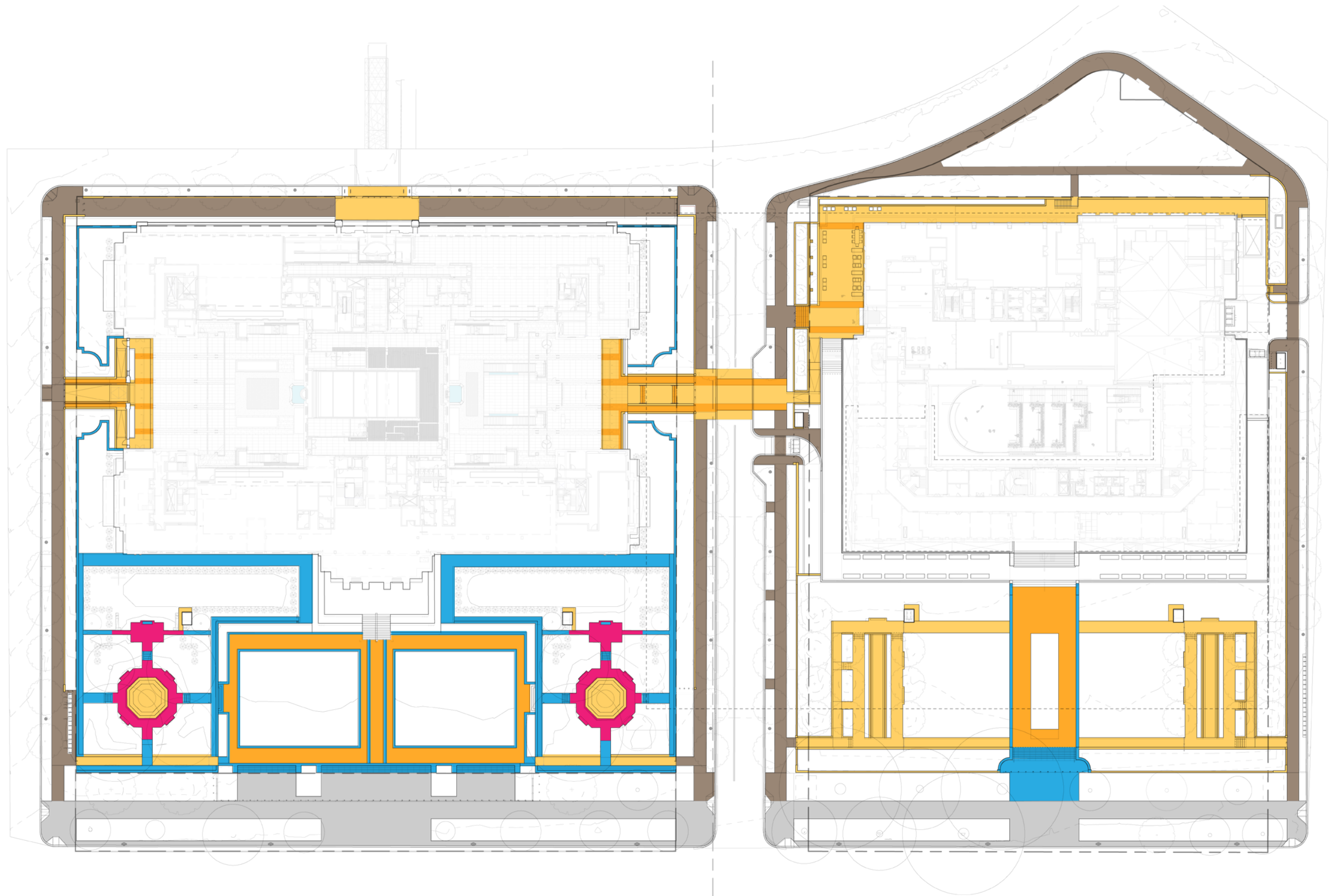
ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



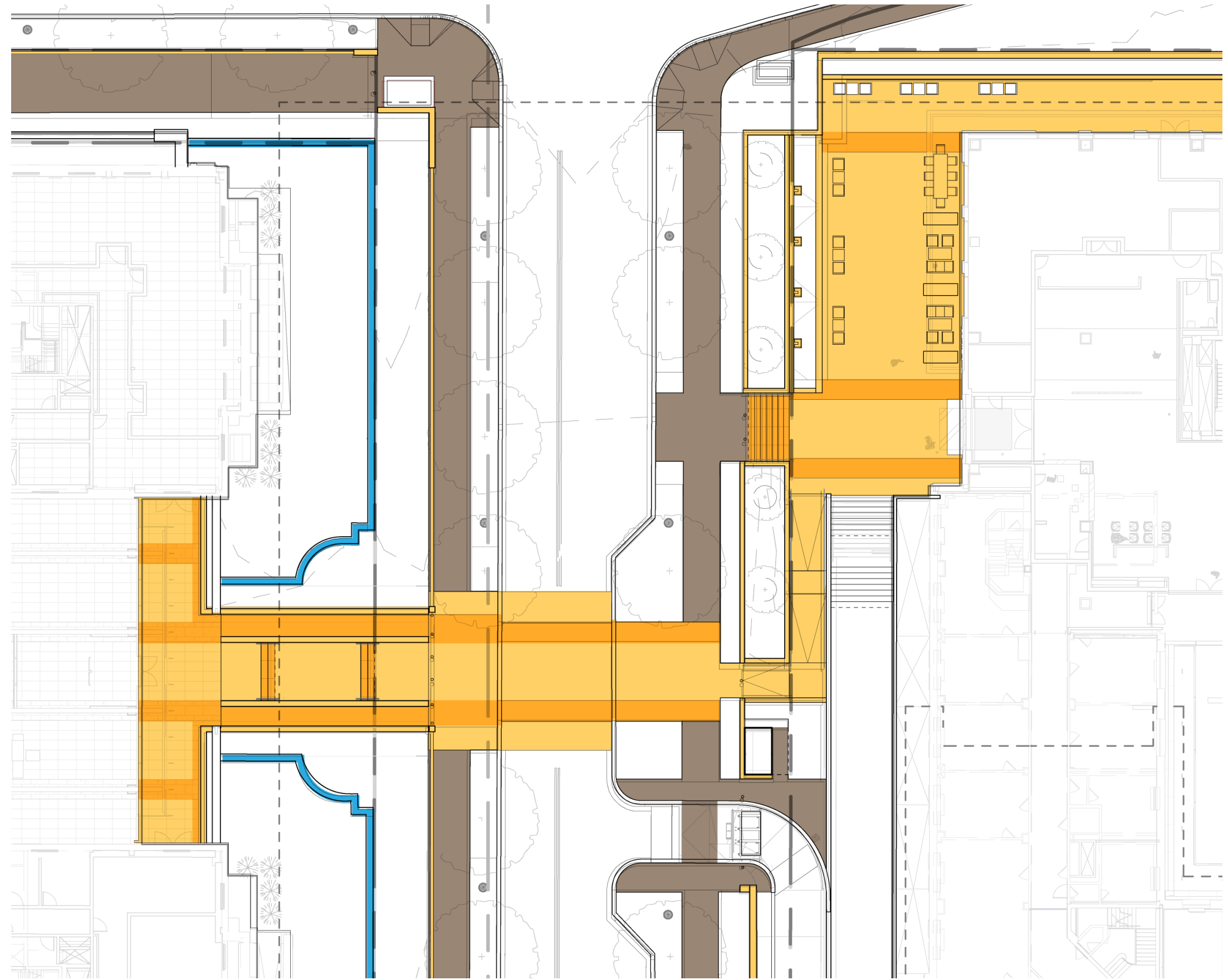
FRB-EAST | GARDEN TERRACE ENLARGEMENT PLAN

ECCLES & 1951 LANDSCAPE MATERIALS



LANDSCAPE MATERIALS DIAGRAM - OVERALL STRATEGY

- Marble
- Granite, Dark
- Granite, Light
- Concrete
- Exposed Aggregate Concrete
- Mosaic Paving



LANDSCAPE MATERIALS DIAGRAM - 20TH ST

PROPOSED MATERIALS



HISTORIC WALL

MARBLE
EXISTING



SITE WALL

CHELMSFORD



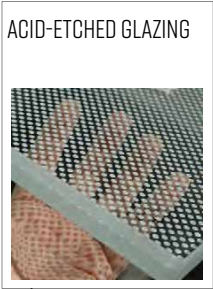
PAVING BAND

CHARCOAL BLACK
TEXTURED FINISH

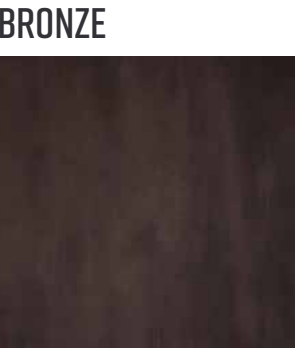


PAVING FIELD

IRIDIAN
DIAMOND 10 FINISH



METAL MATERIALS



LANDSCAPE MATERIALS - ECCLES

PROPOSED MATERIALS



- WATER WALL
- ACADEMY BLACK
DIAMOND 8 (HONED)
- PAVING BAND
- CHARCOAL BLACK
TEXTURED FINISH
- PAVING FIELD
- IRIDIAN
DIAMOND 10 FINISH
- SITE WALL
- CHELMSFORD
TEXTURED FINISH

METAL MATERIALS

DARK GREY

1951 PERIMETER SECURITY



LANDSCAPE MATERIALS - 1951



PREVIOUS PROPOSAL



PREVIOUS PROPOSAL

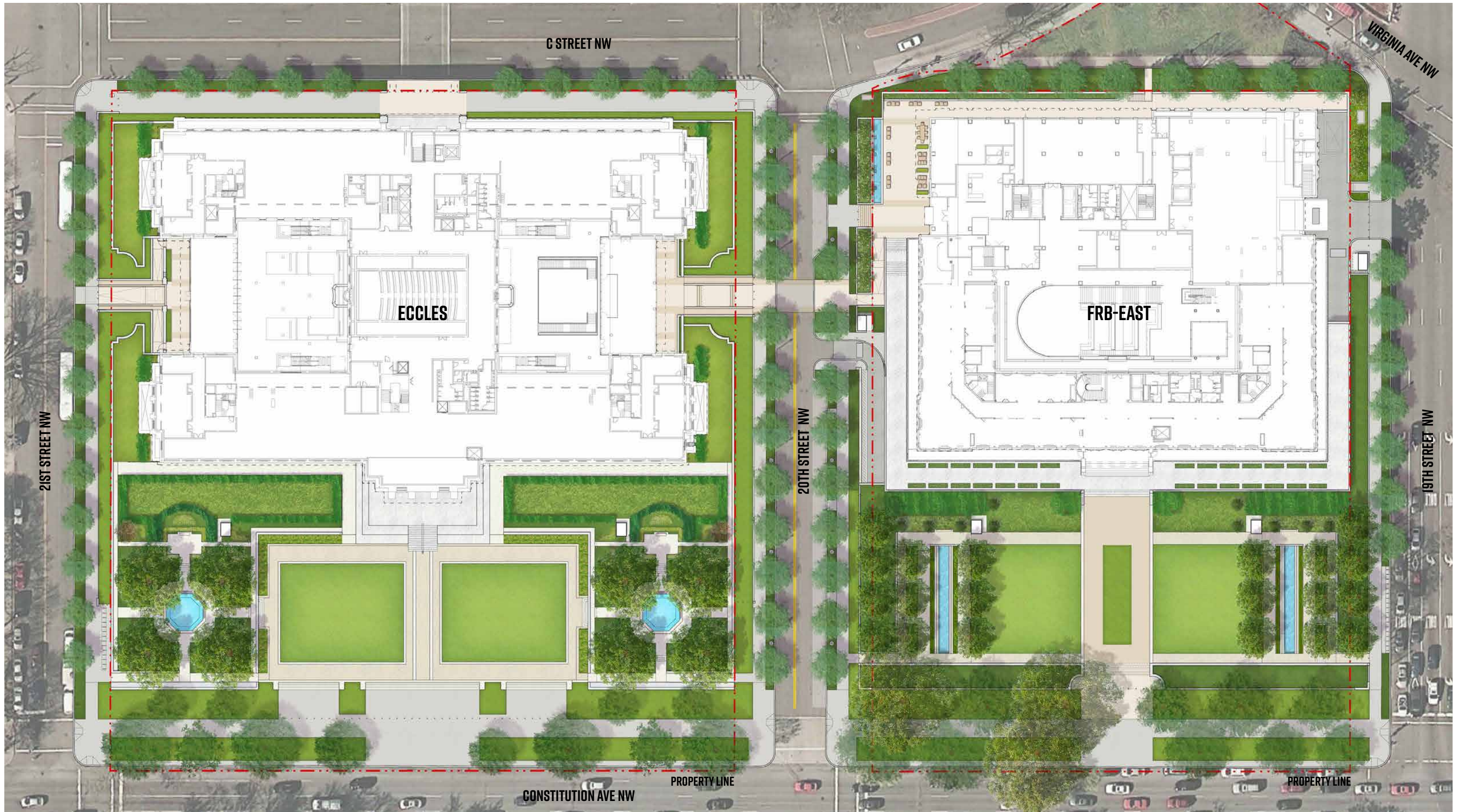
DESIGN UPDATES TO FRB EAST ENTRANCE

- SIMPLIFIED ACCESS
- MORE USEABLE OUTDOOR SPACE
- RELOCATED FOUNTAIN
- SIMPLIFIED PERIMETER SECURITY



CURRENT PROPOSAL

FRB EAST - DESIGN COMPARISON



LANDSCAPE PLAN

SEPTEMBER 15, 2021

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

8 APPENDIX

TABLE OF CONTENTS

8.1 ECCLES DETAILS & ELEVATIONS

8.2 FRB EAST DETAILS & ELEVATIONS

8.3 ECCLES/FRB EAST ADDITIONAL SUPPORTING MATERIALS

8.4 MODEL PHOTOS

8.5 LANDSCAPE SUPPORTING MATERIAL

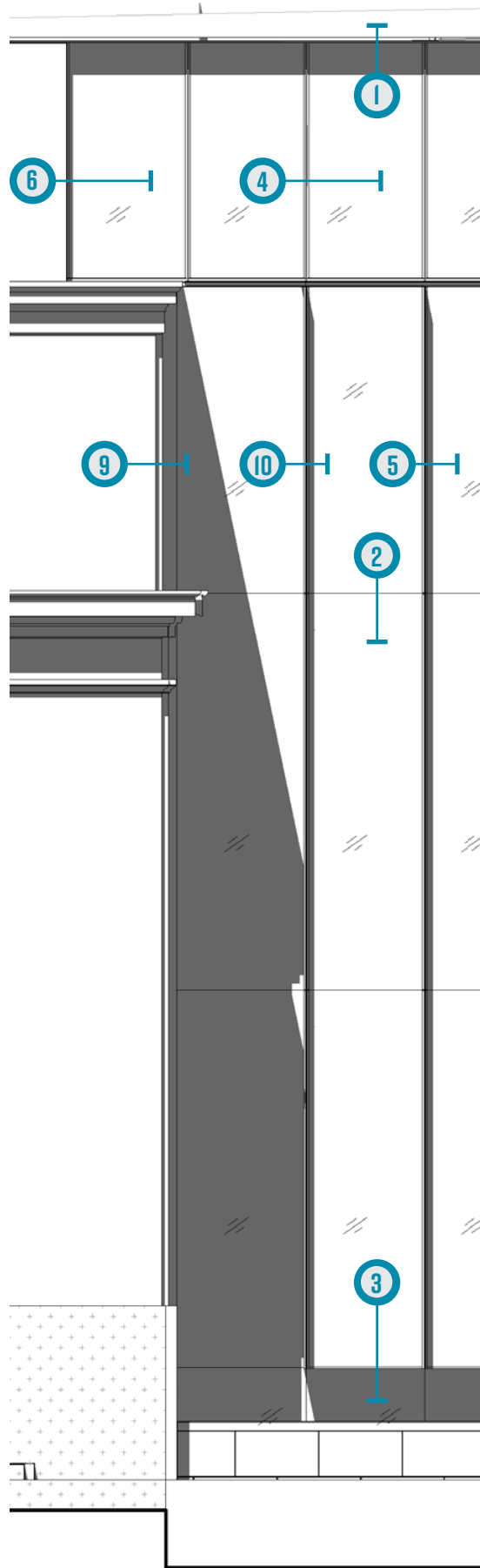
8.6 ECCLES/FRB EAST LANDSCAPE DETAILS

8.7 EXISTING PLANS AND ELEVATIONS

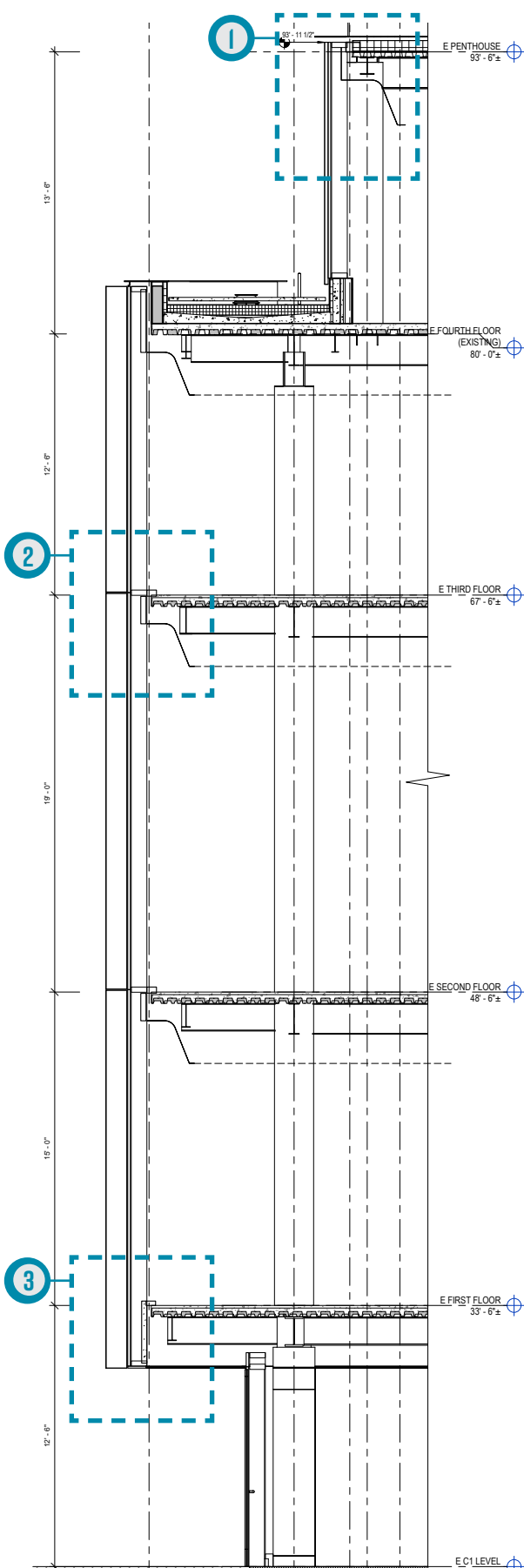
8.8 CIVIL DRAWINGS & DETAILS

8.9 ECCLES ATRIUM

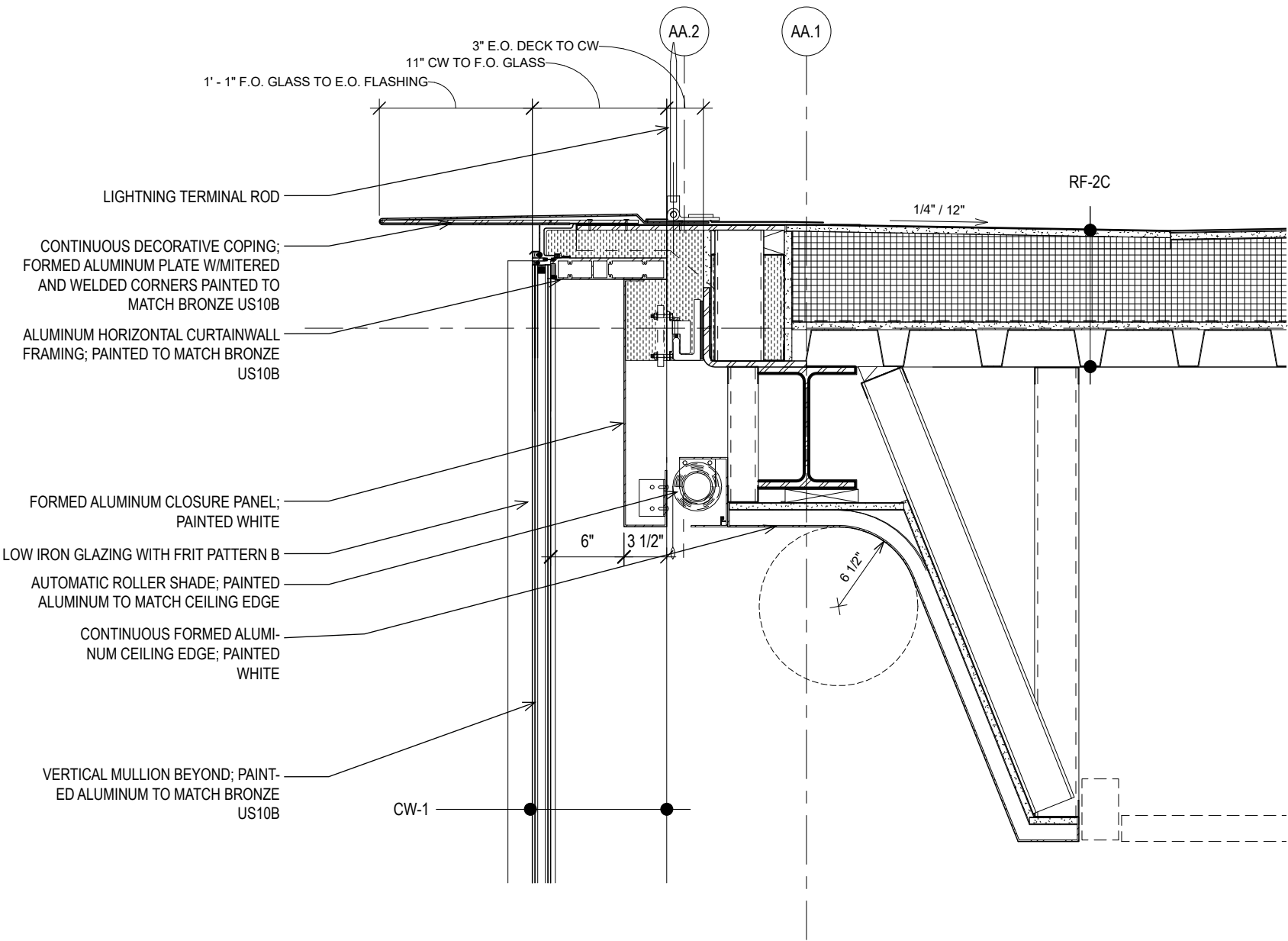
8.1 ECCLES DETAILS & ELEVATION



ECCLES BUILDING EAST INFILL ELEVATION | SCALE: 1/8" = 1' - 0"

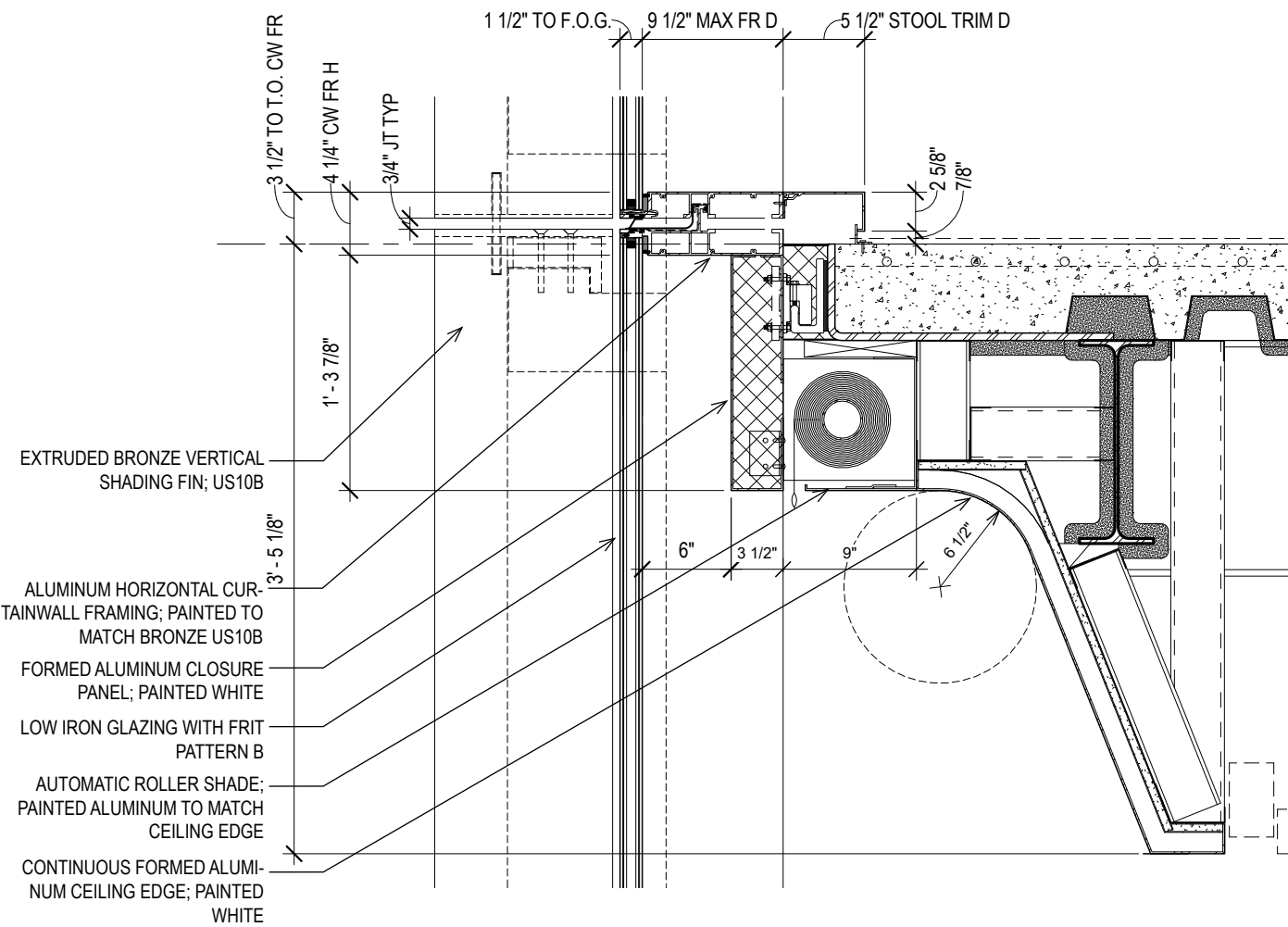


ECCLES BUILDING EAST INFILL WALL SECTION | SCALE: 1/8" = 1' - 0"

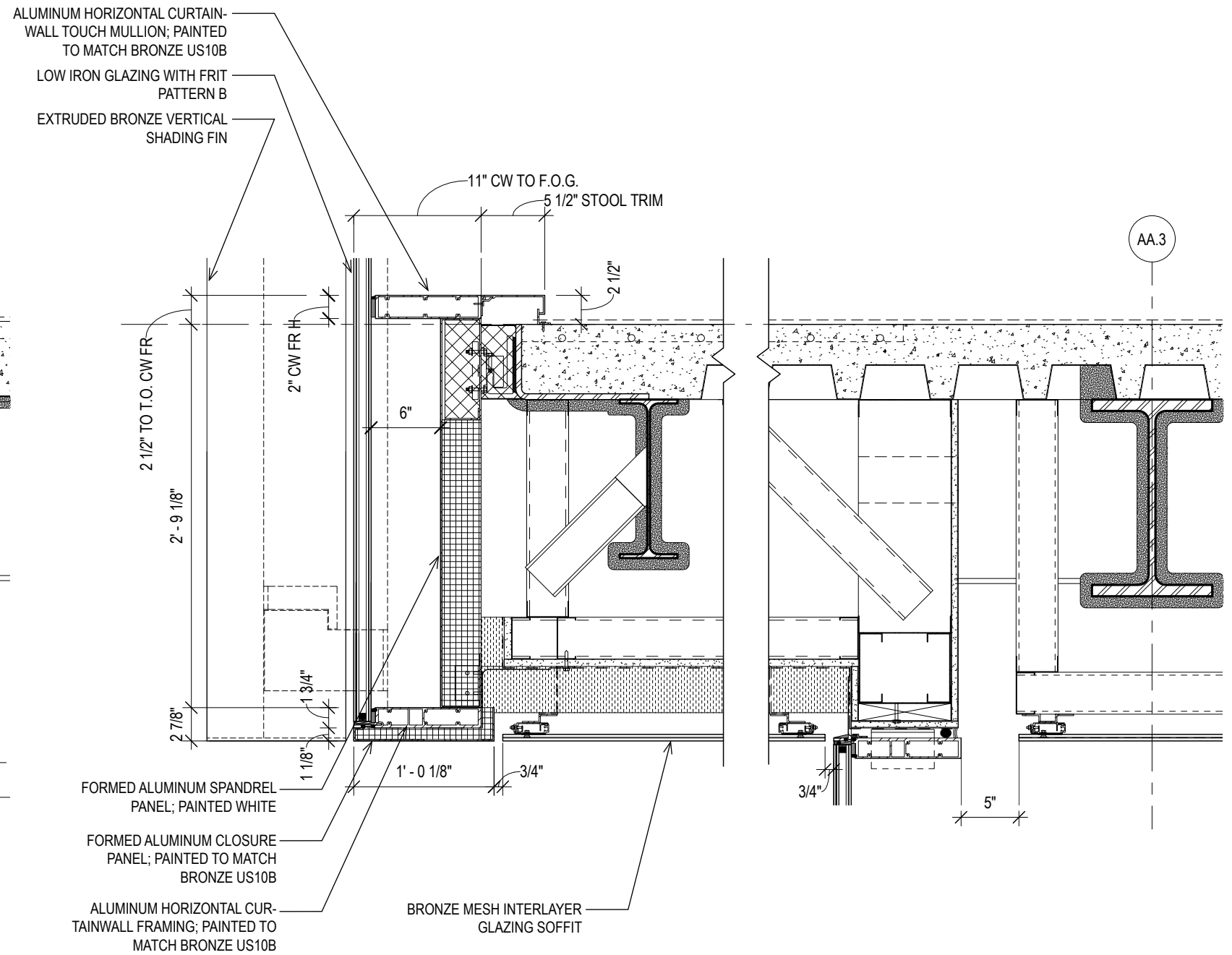


I. DETAIL SECTION - CURTAIN WALL AND ROOF AT LEVEL 05
SCALE: 1" = 1'-0"

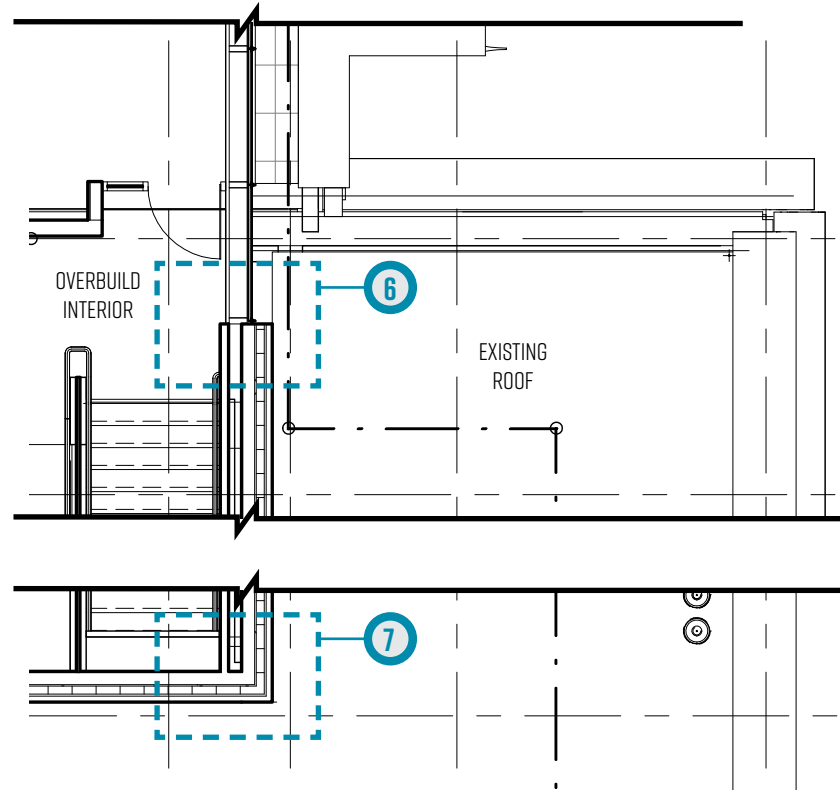
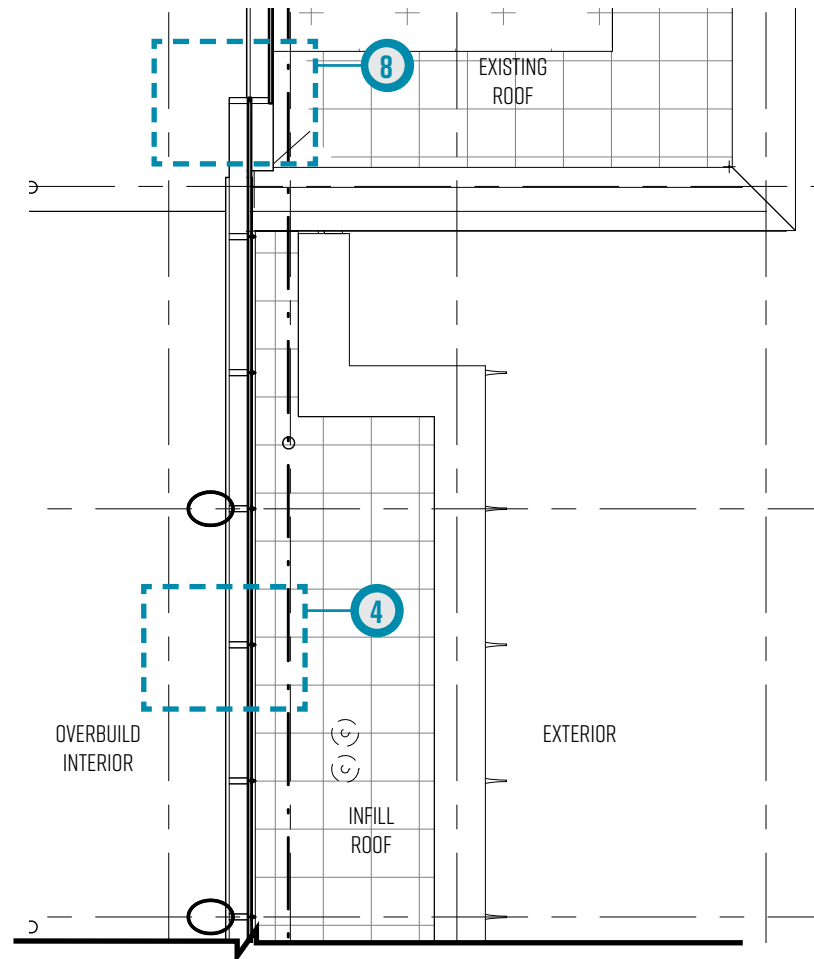
ECCLES EXTERIOR DETAILS



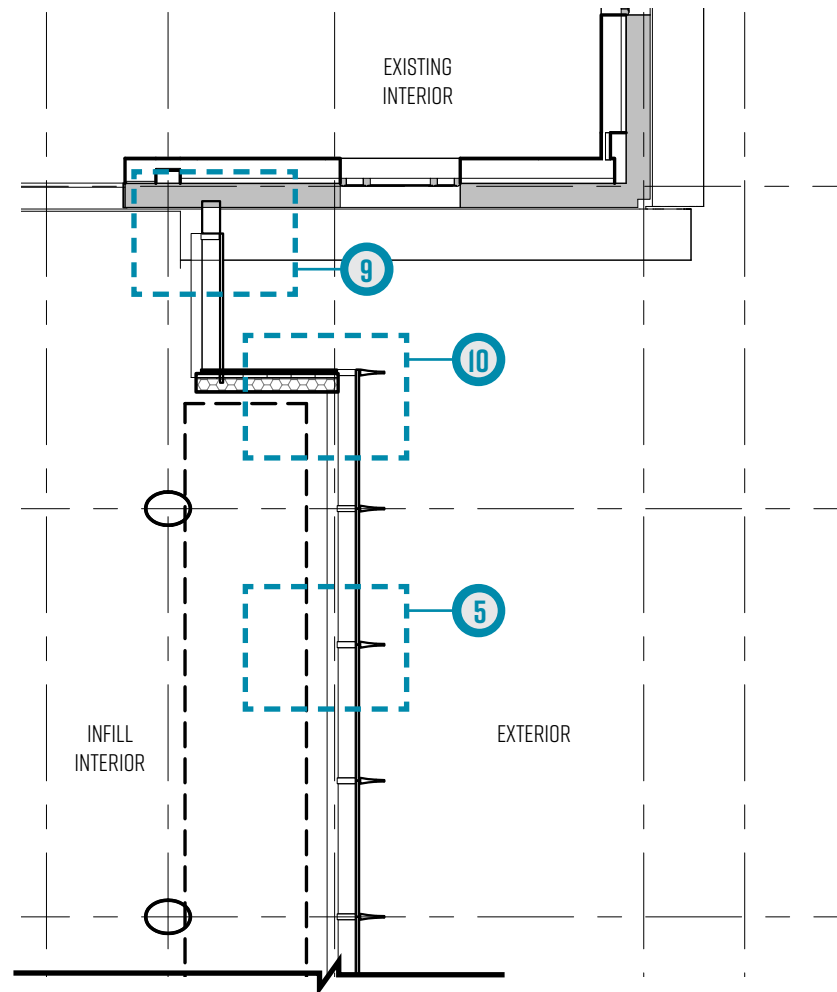
2. DETAIL SECTION - SKYLIGHT SOUTH EDGE GUTTER
SCALE: 1" = 1'-0"



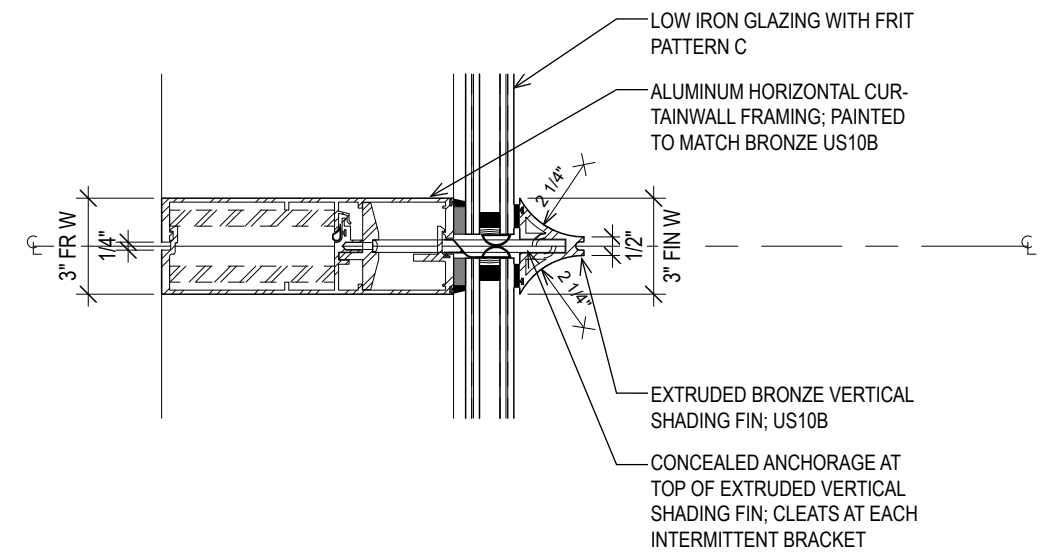
3. DETAIL SECTION - SKYLIGHT EDGE PARAPET
SCALE: 1" = 1'-0"



ECCLES BUILDING EAST OVERBUILD
ENLARGED PLAN AT LEVEL 04 | SCALE: 1/8" = 1' - 0"

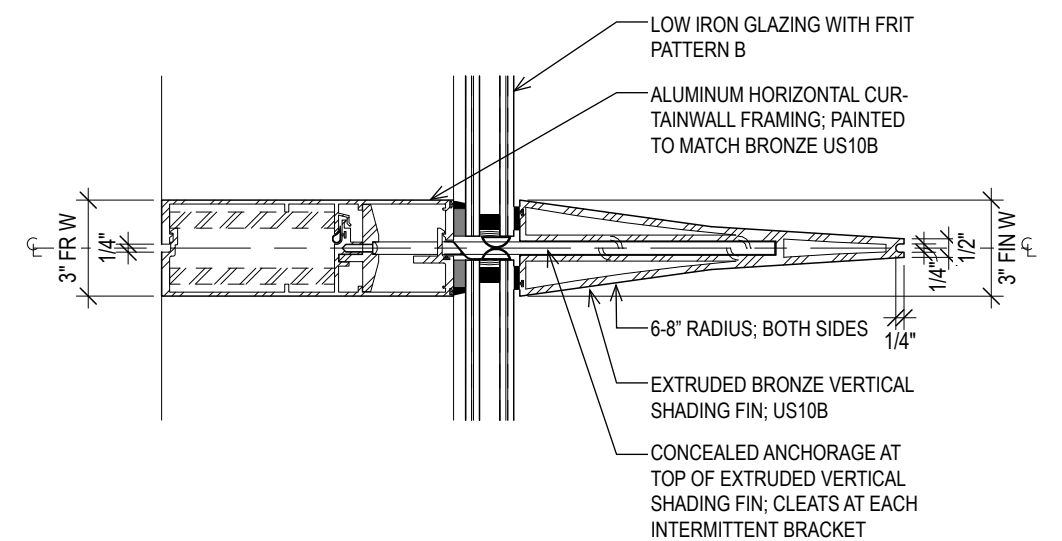


ECCLES BUILDING EAST INFILL
ENLARGED PLAN AT LEVEL 03 | SCALE: 1/8" = 1' - 0"



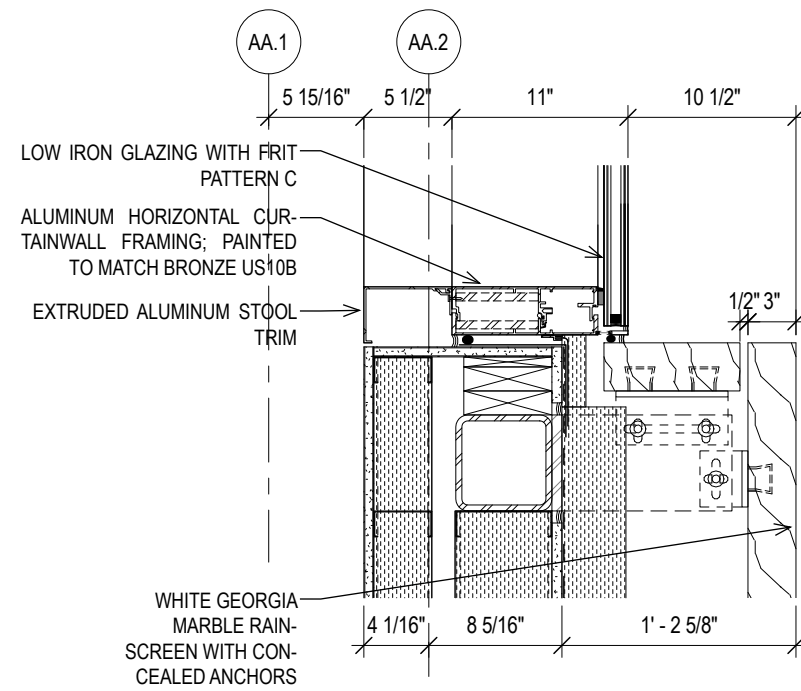
4. DETAIL PLAN - VERTICAL FIN AT LEVEL 04

SCALE: 2" = 1'-0"

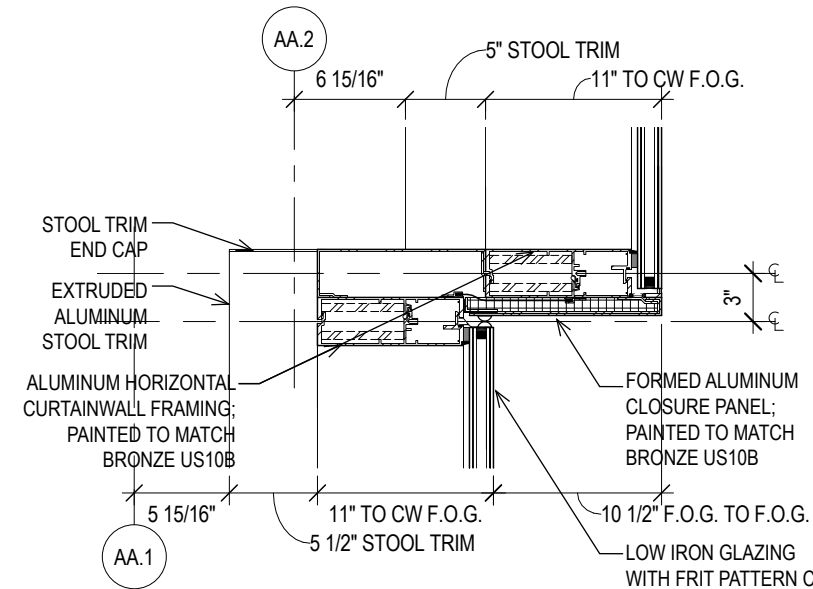


5. DETAIL PLAN - VERTICAL FIN AT LEVEL 01 TO 03

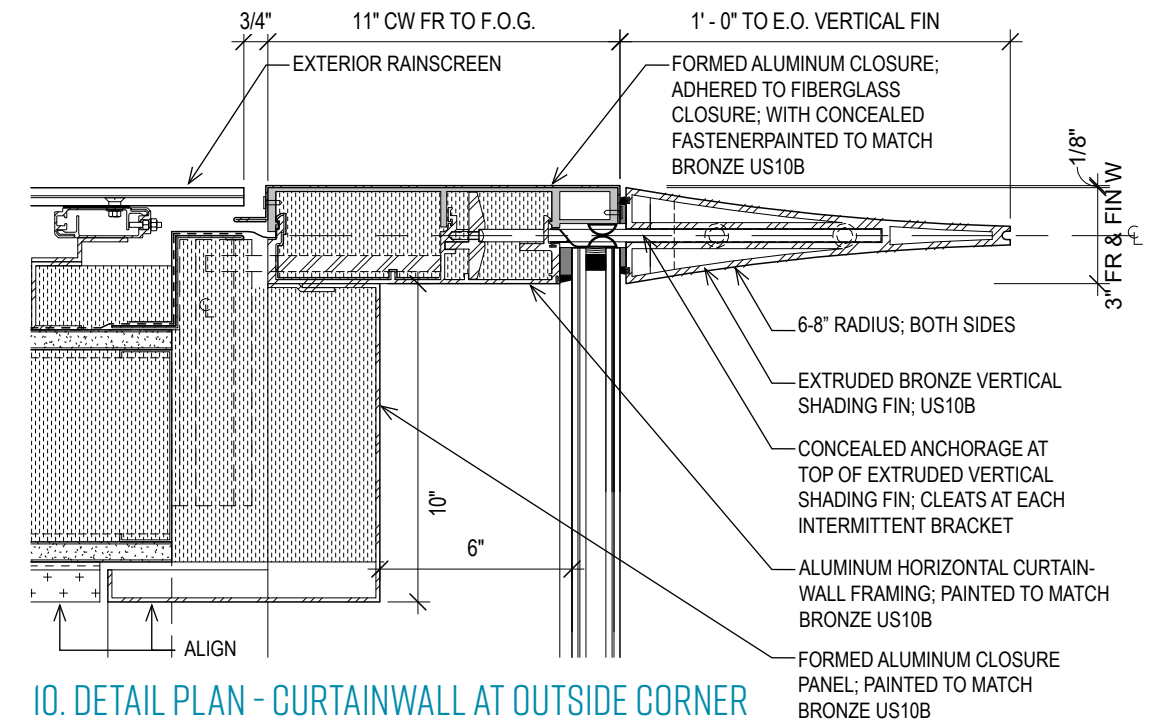
SCALE: 2" = 1'-0"



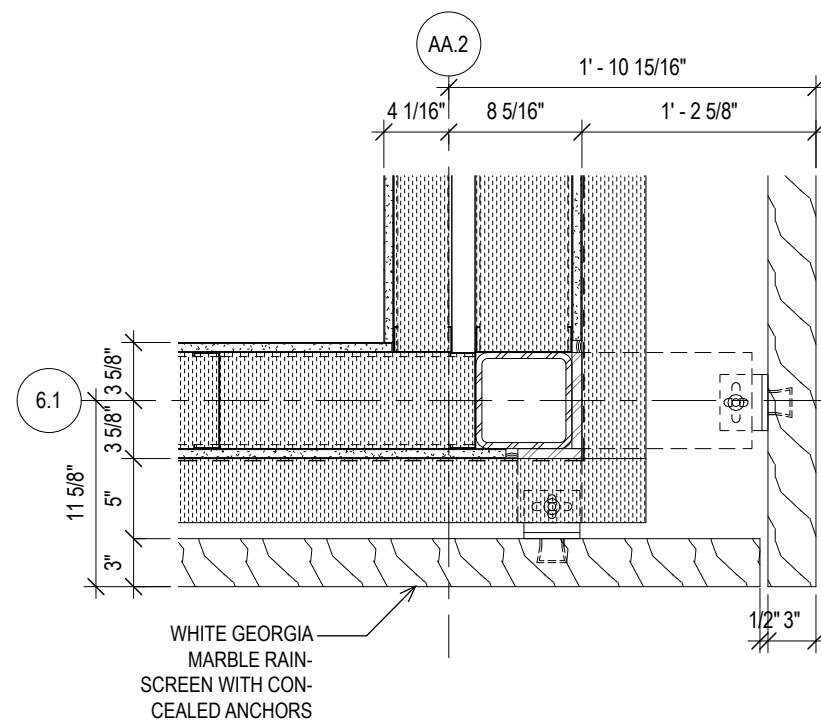
6. DETAIL PLAN - INTERFACE AT LEVEL 04
SCALE: 1" = 1'-0"



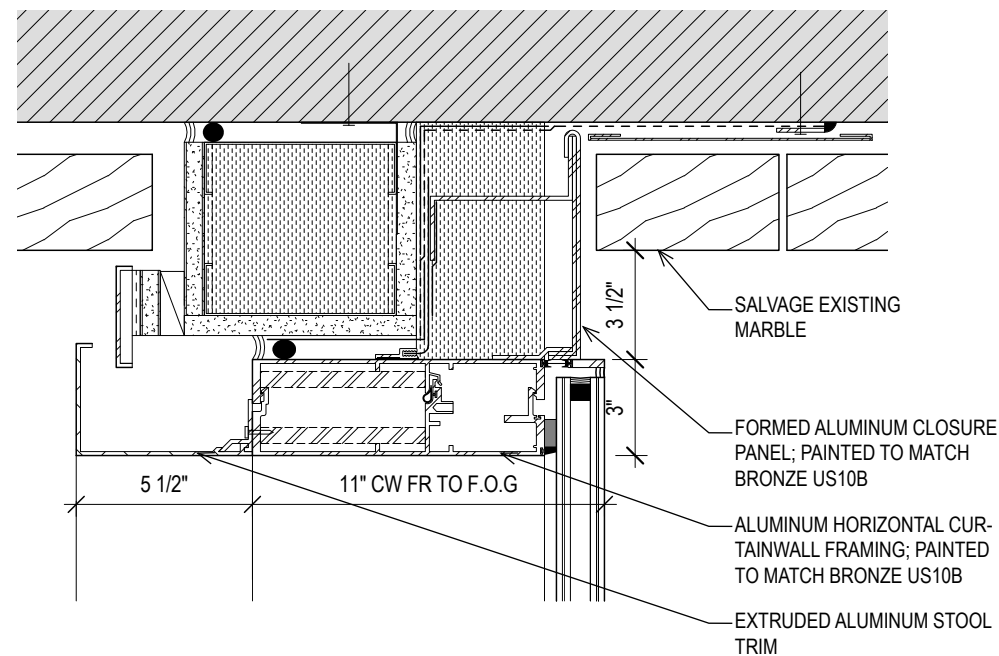
8. DETAIL PLAN - CURTAINWALL AT LEVEL 04 OFFSET
SCALE: 1" = 1'-0"



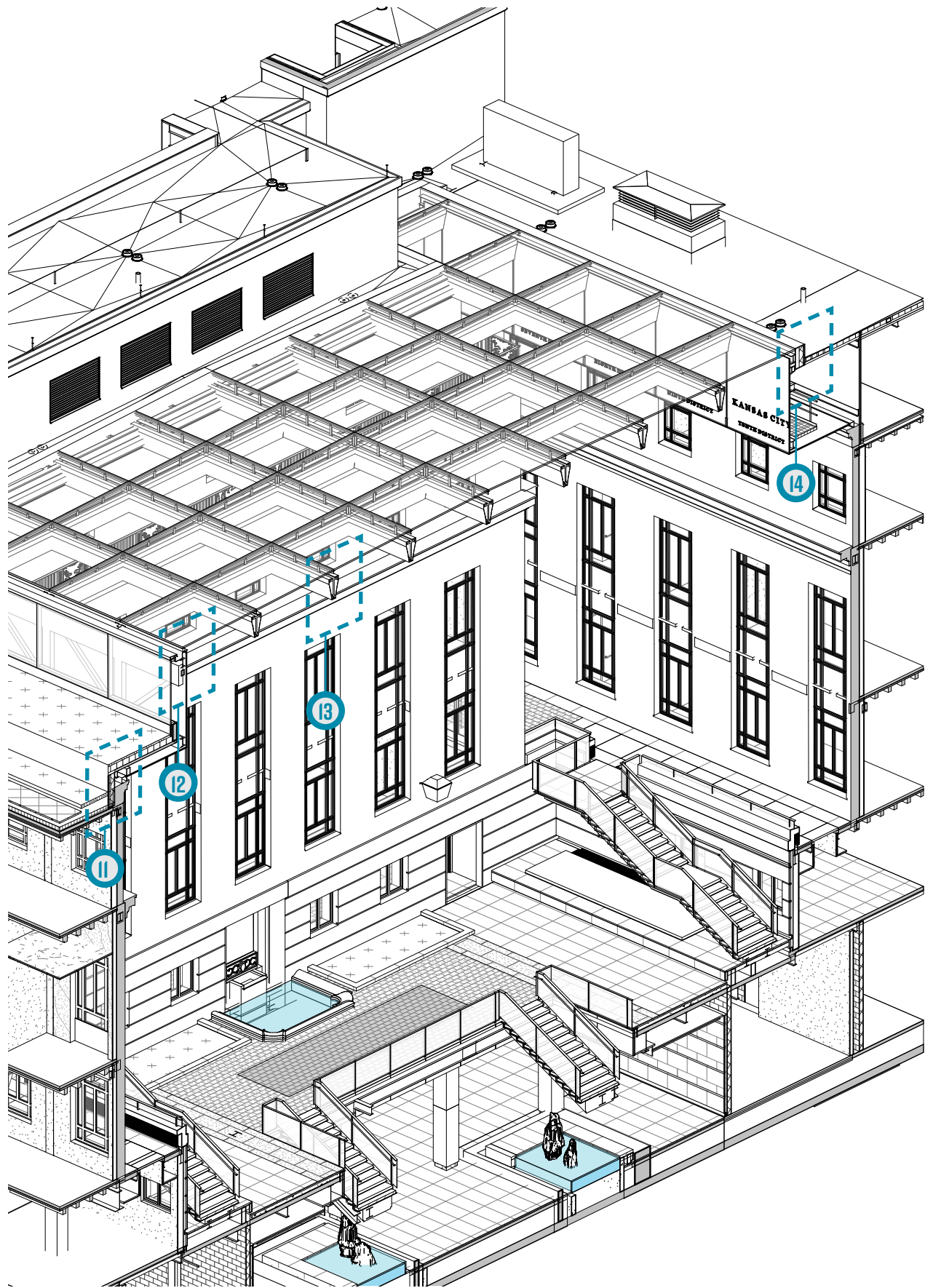
10. DETAIL PLAN - CURTAINWALL AT OUTSIDE CORNER
SCALE: 2" = 1'-0"



7. DETAIL PLAN - RAINSCREEN AT LEVEL 04 CORNER
SCALE: 1" = 1'-0"



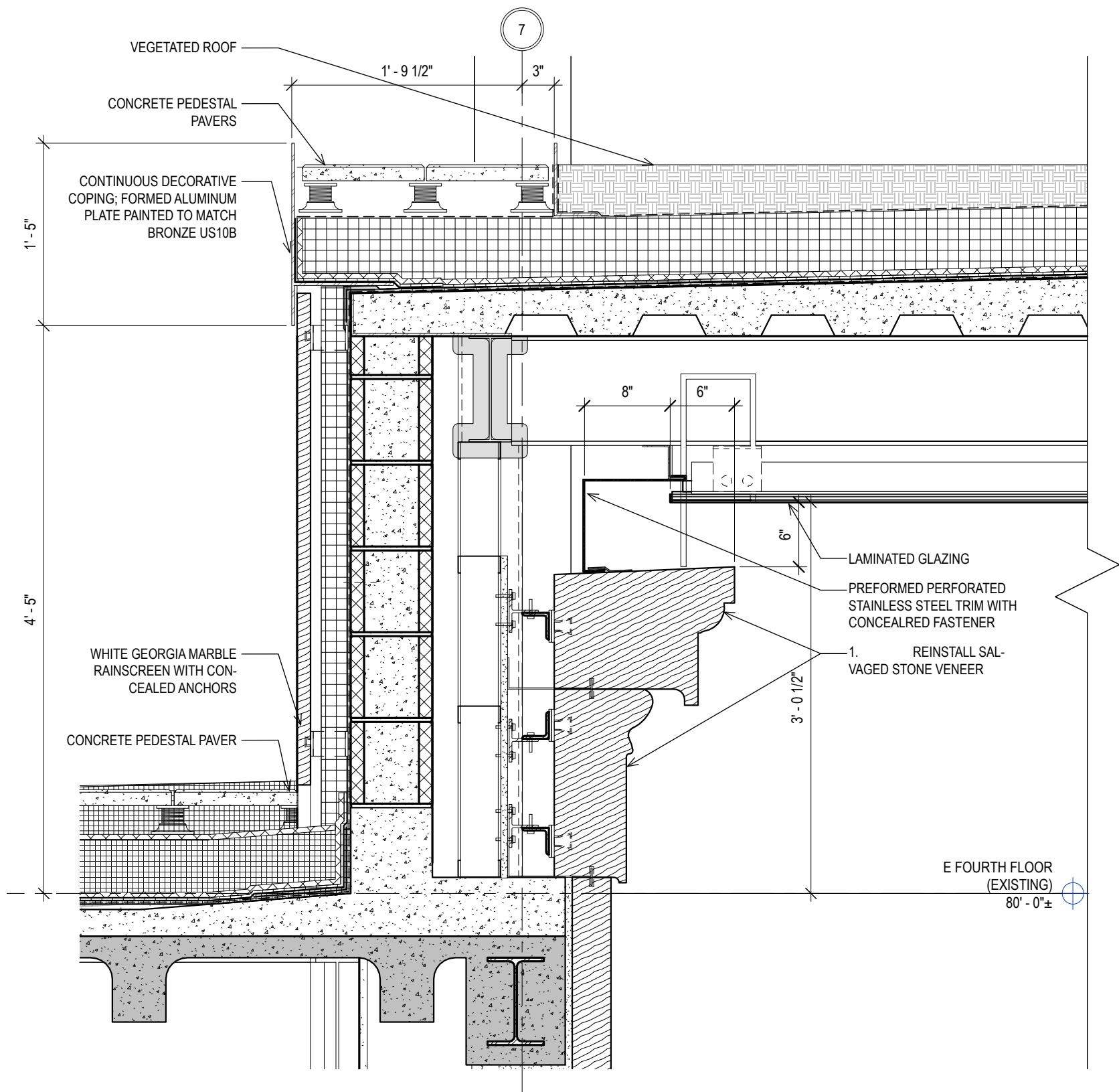
9. DETAIL PLAN - CURTAINWALL FRAMING AT JAMB
SCALE: 2" = 1'-0"



ECCLES BUILDING EAST ATRIUM
AXONOMETRIC

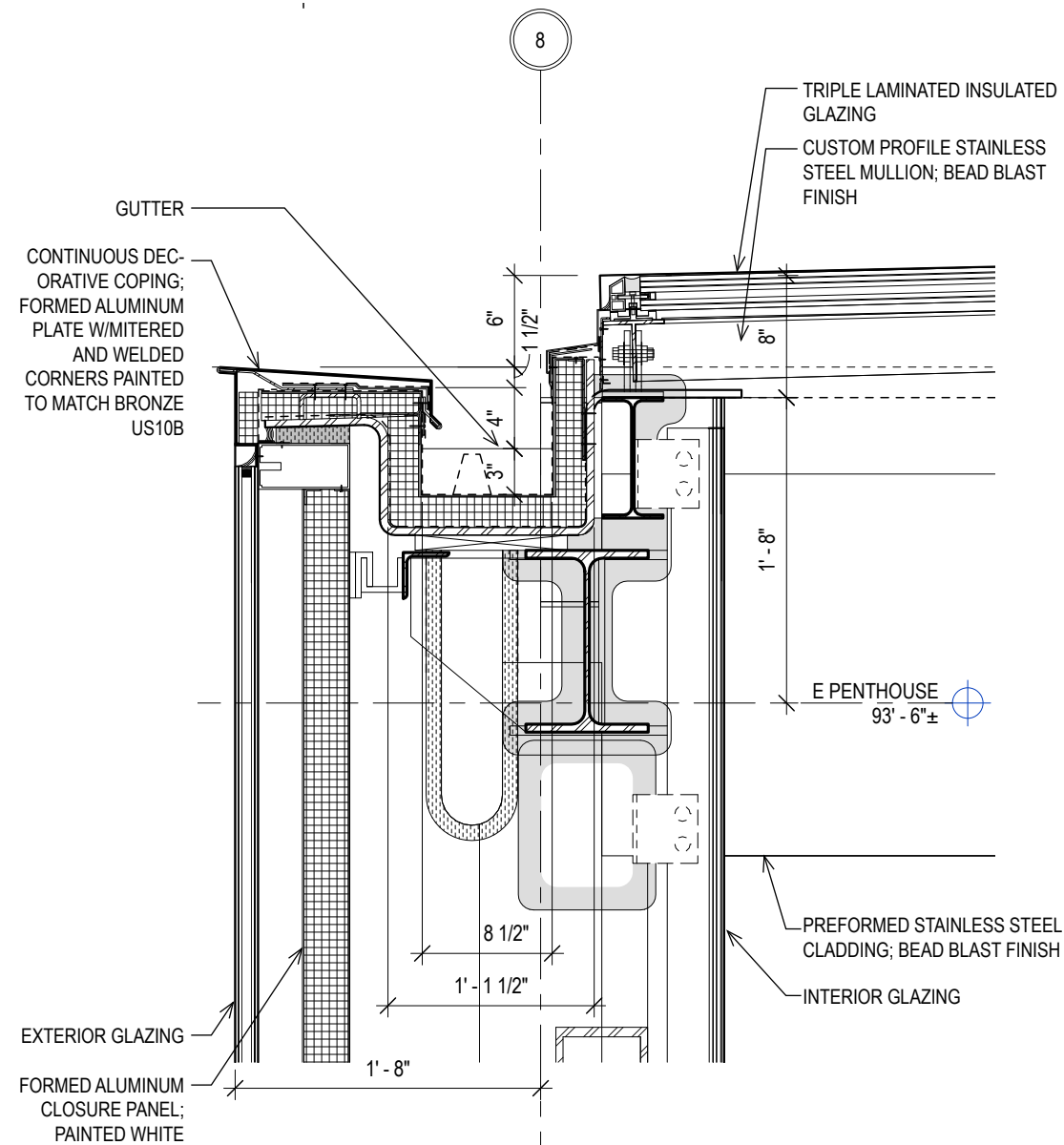
ECCLES SKYLIGHT DETAILS

SEPTEMBER 15, 2021



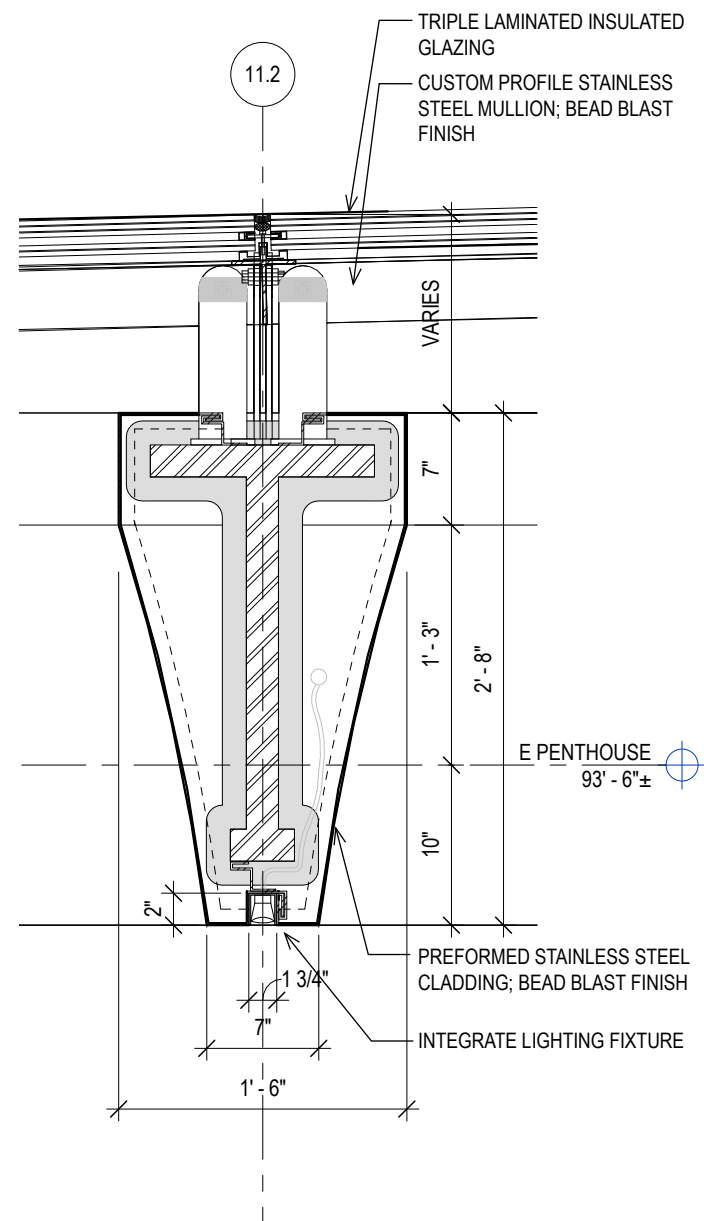
II. DETAIL SECTION - SKYLIGHT LOW ROOF

SCALE: 1" = 1'-0"



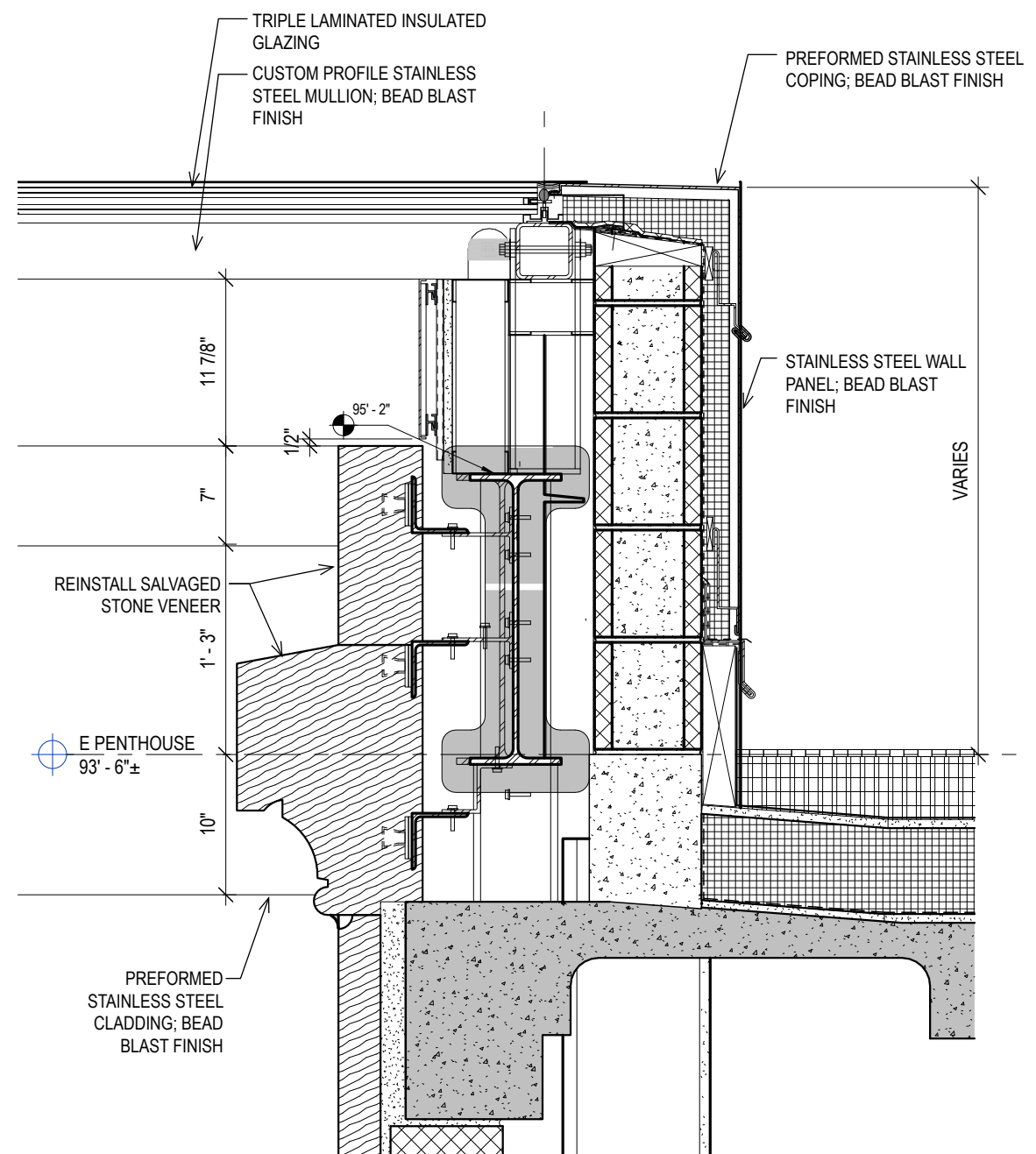
12. DETAIL SECTION - SKYLIGHT SOUTH EDGE GUTTER

SCALE: 1" = 1'-0"



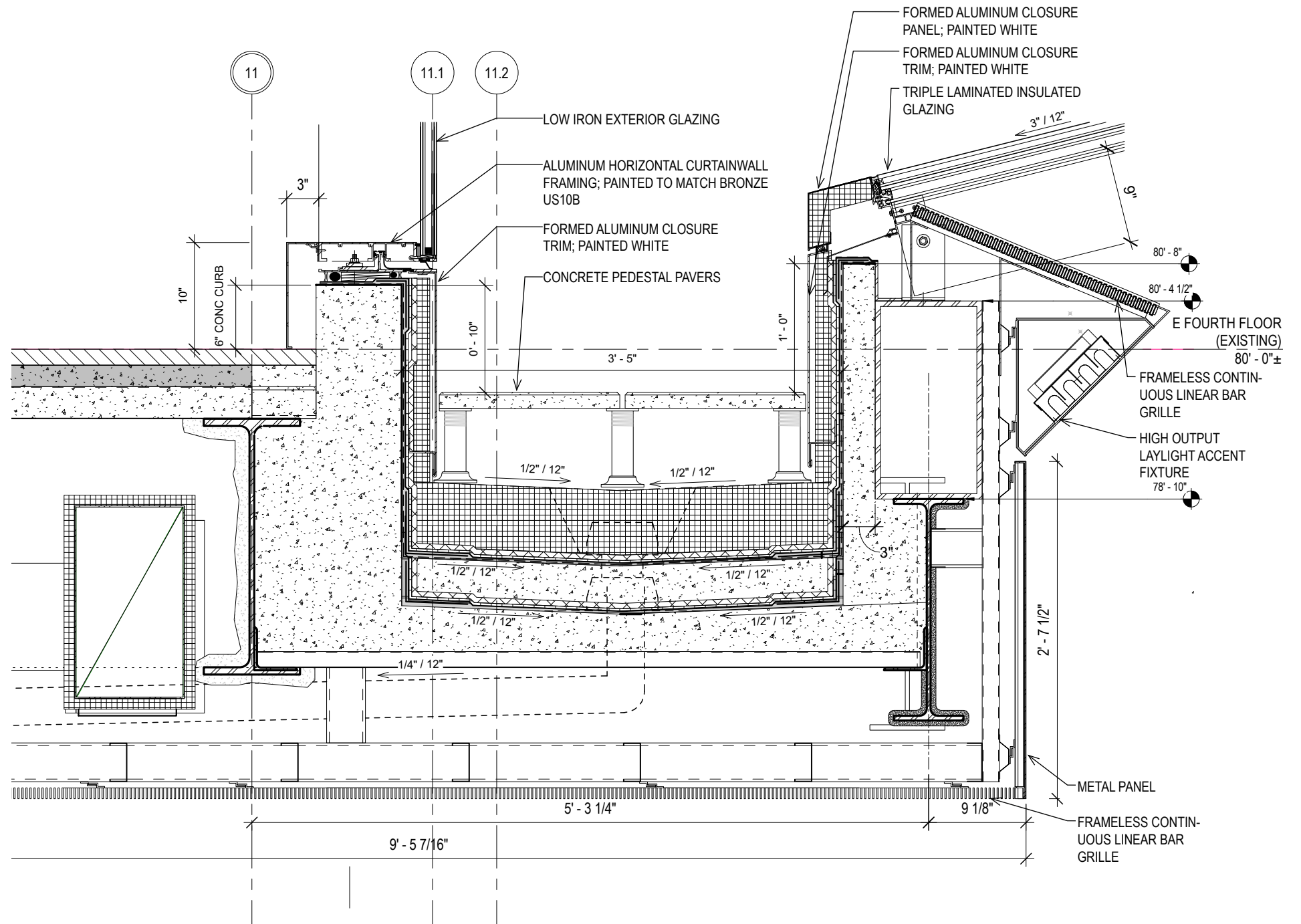
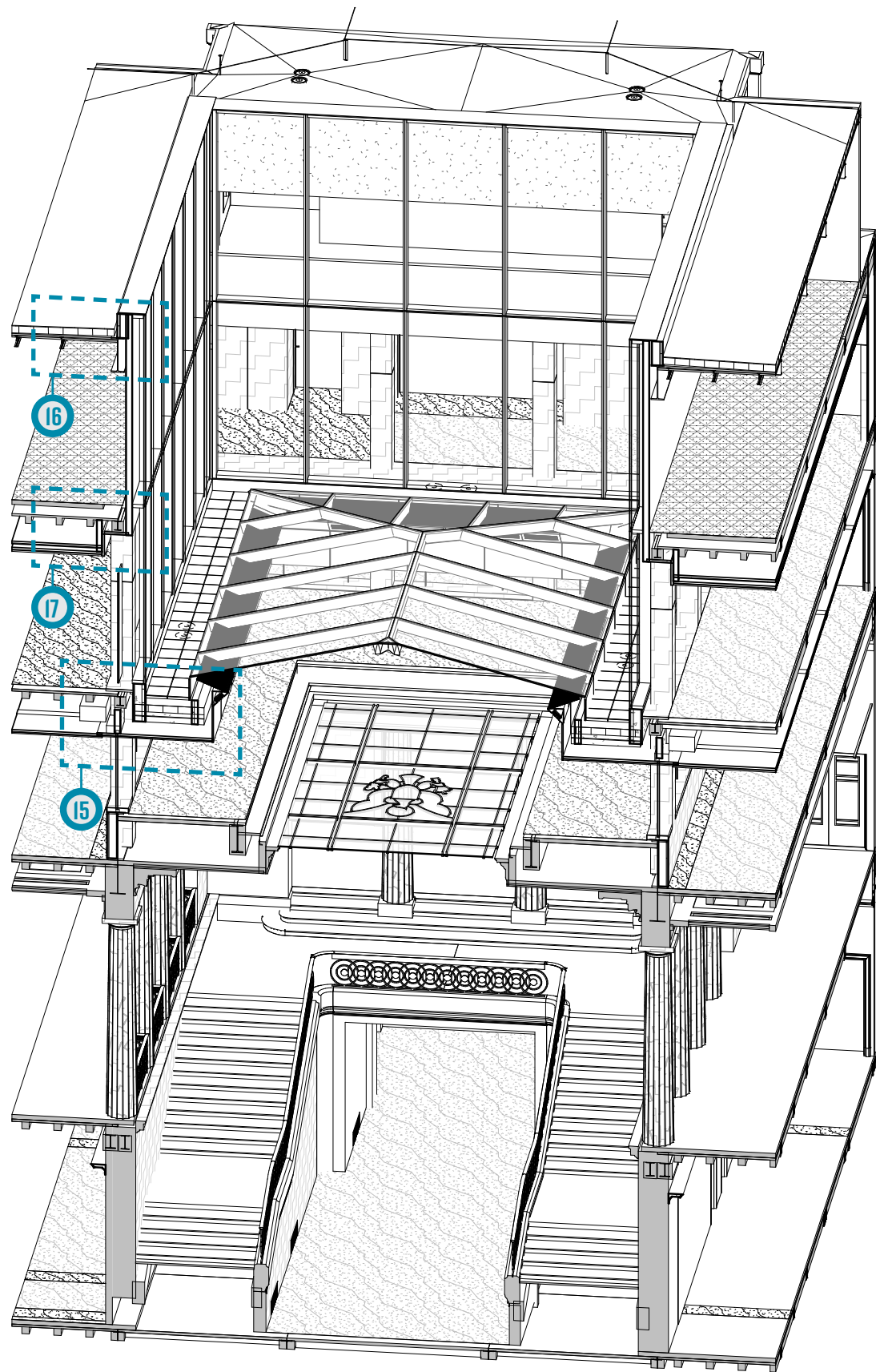
13. DETAIL SECTION - SKYLIGHT FRAME

SCALE: 1" = 1'-0"



14. DETAIL SECTION - SKYLIGHT EDGE PARAPET

SCALE: 1" = 1'-0"



15. DETAIL SECTION - CENTER SKYLIGHT GUTTER AT LEVEL 04
SCALE: 1" = 1'-0"

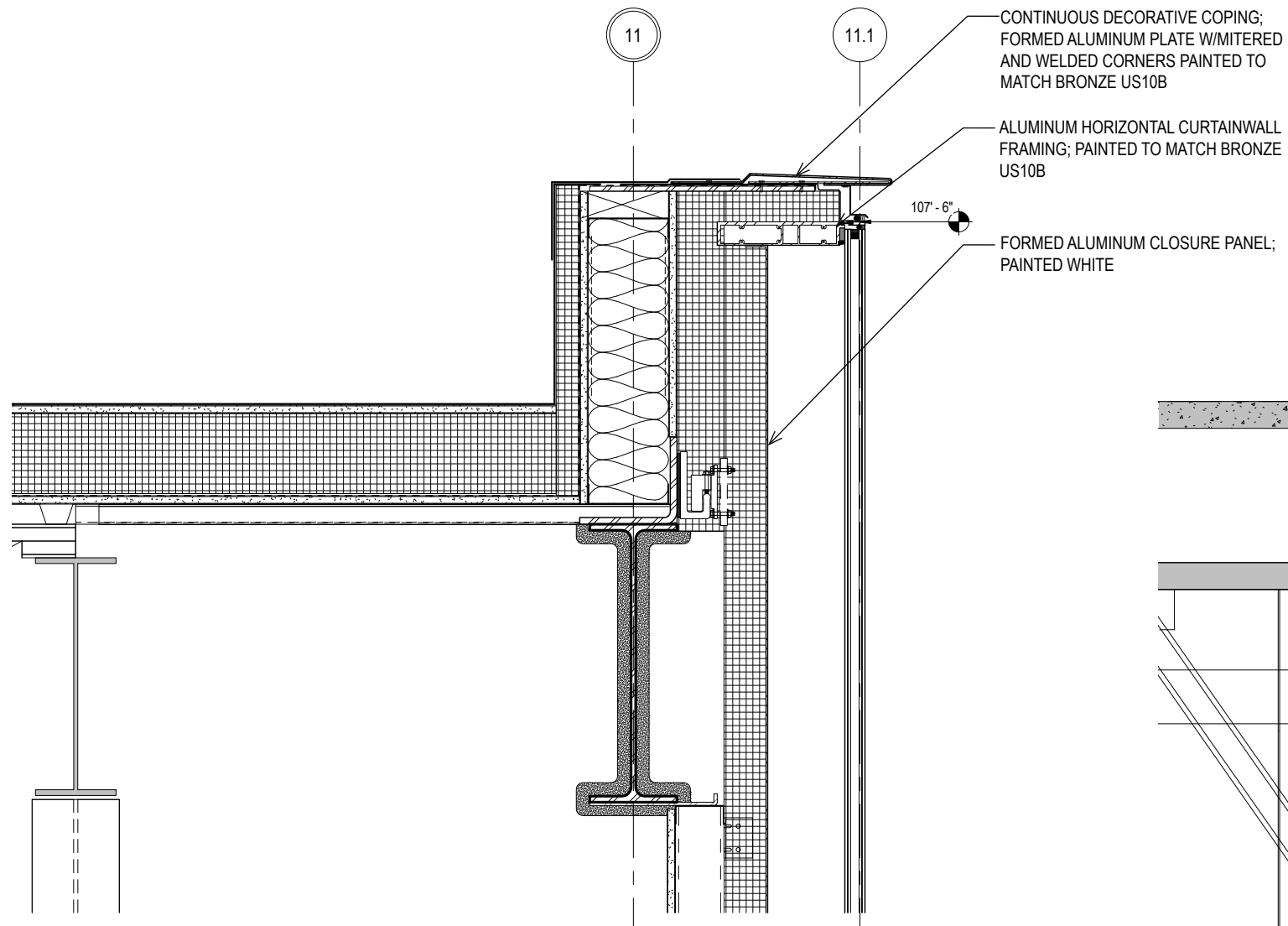
ECCLES BUILDING CENTER SKYLIGHT
AXONOMETRIC

ECCLES CENTER SKYLIGHT DETAILS

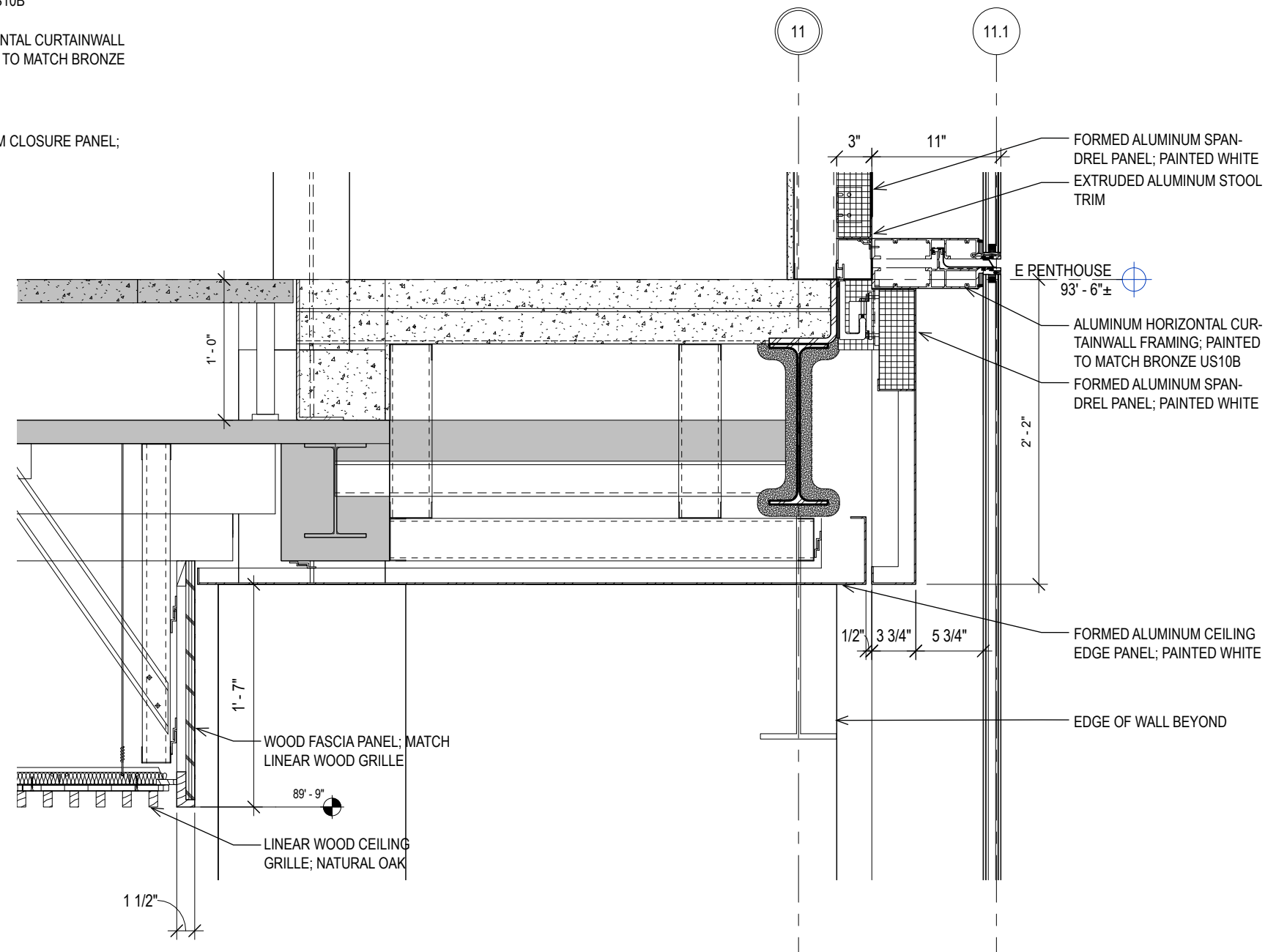
SEPTEMBER 15, 2021

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



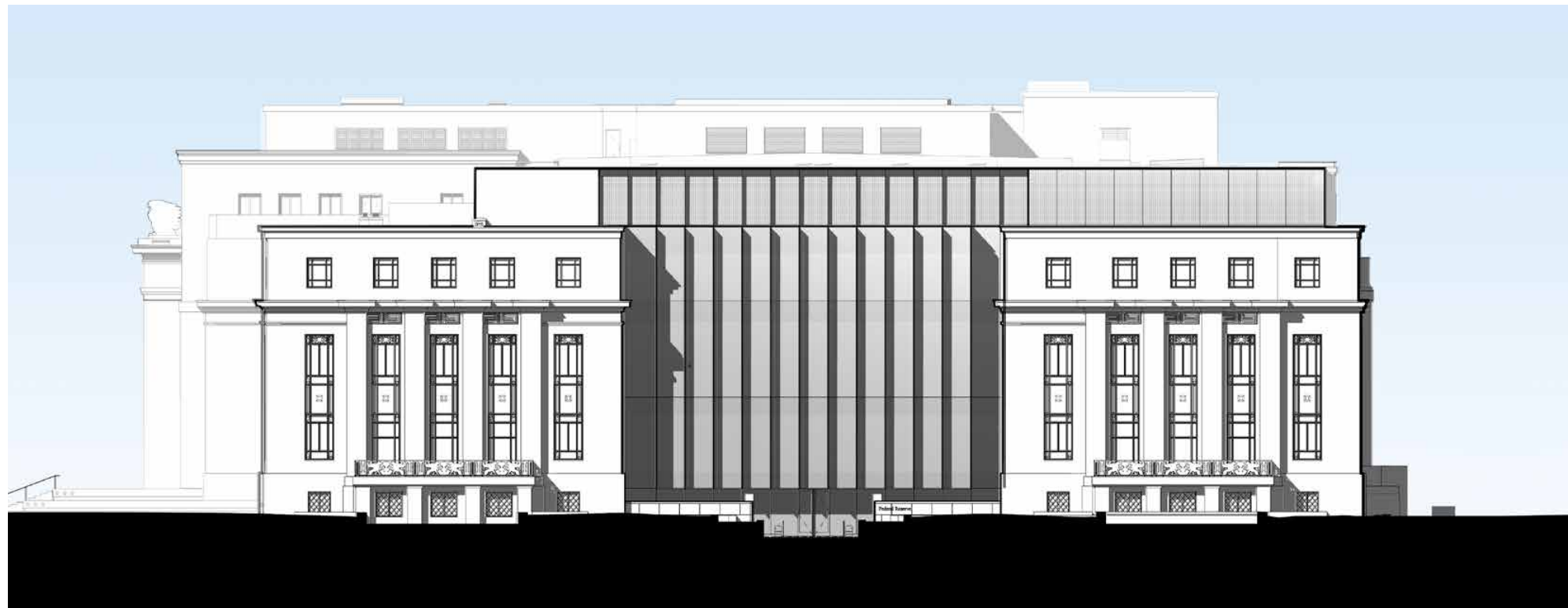
16. DETAIL SECTION - CENTER WING PARAPET AT LEVEL 06
SCALE: 1" = 1'-0"



17. DETAIL SECTION - CENTER WING CURTAINWALL AT LEVEL 05
SCALE: 1" = 1'-0"



WEST ELEVATION



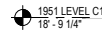
EAST ELEVATION



ECCLES BUILDING ELEVATION

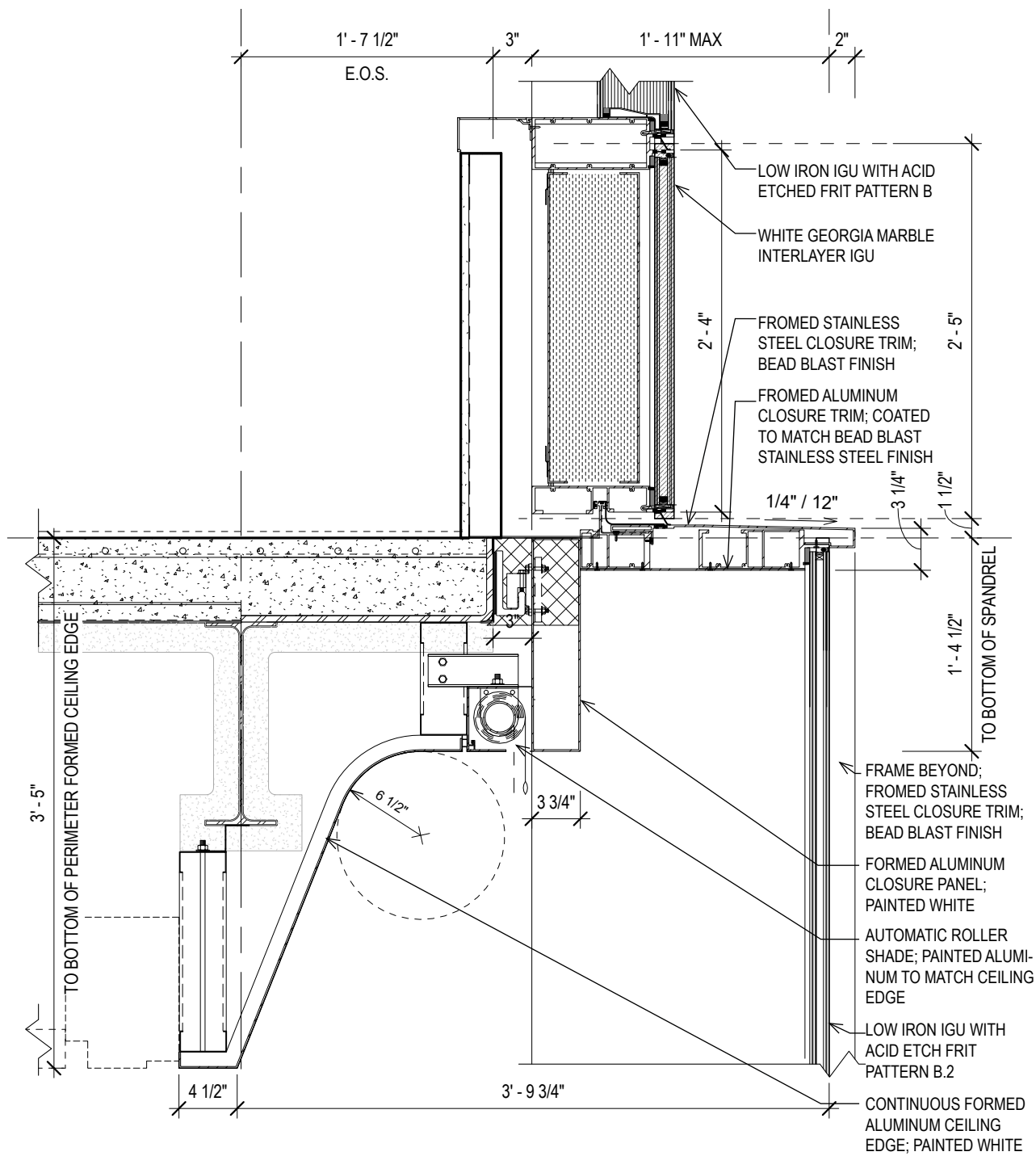
8.2 FRB EAST DETAILS & ELEVATION

1951 LEVEL 05
88° - 3 1/4°



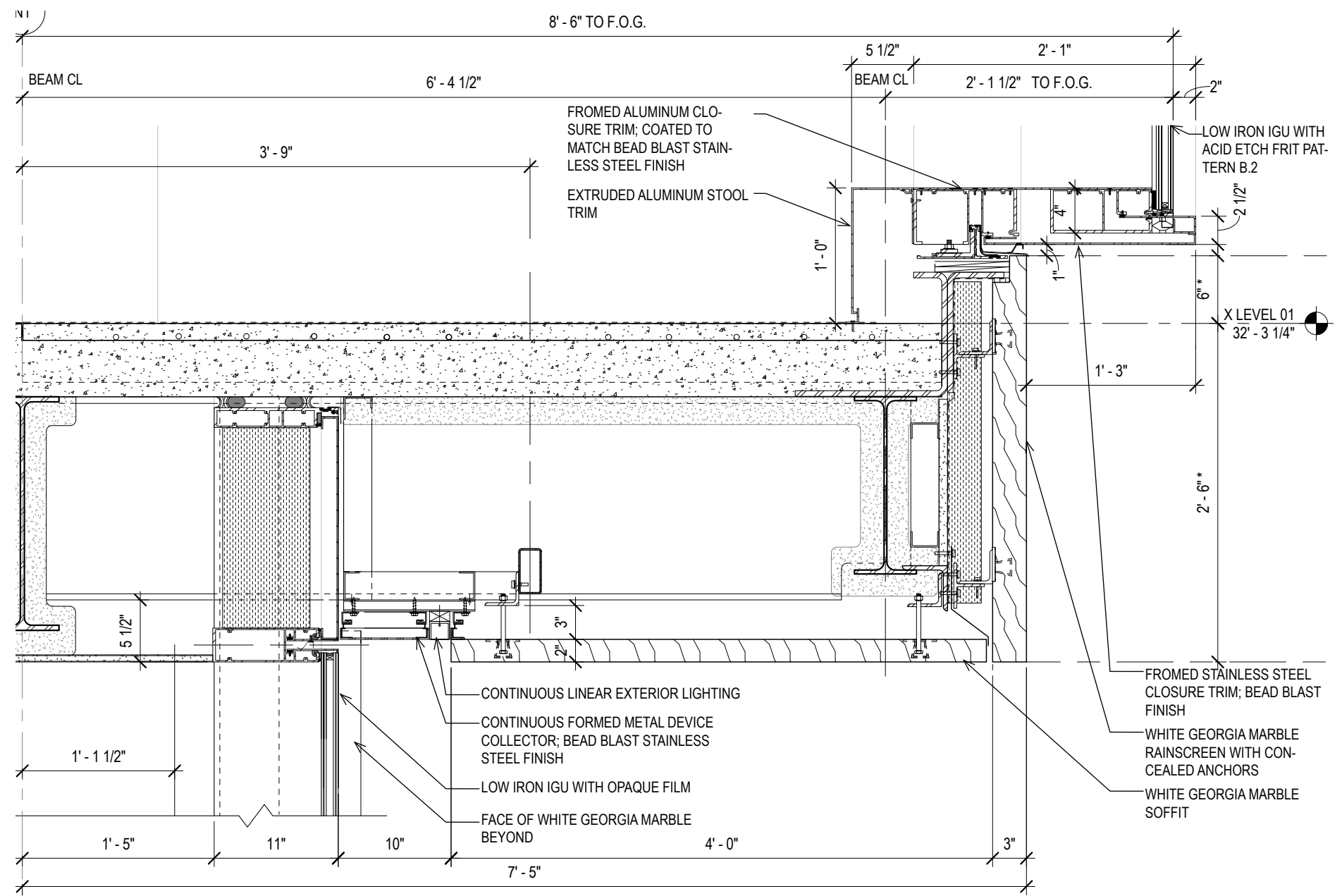
1.





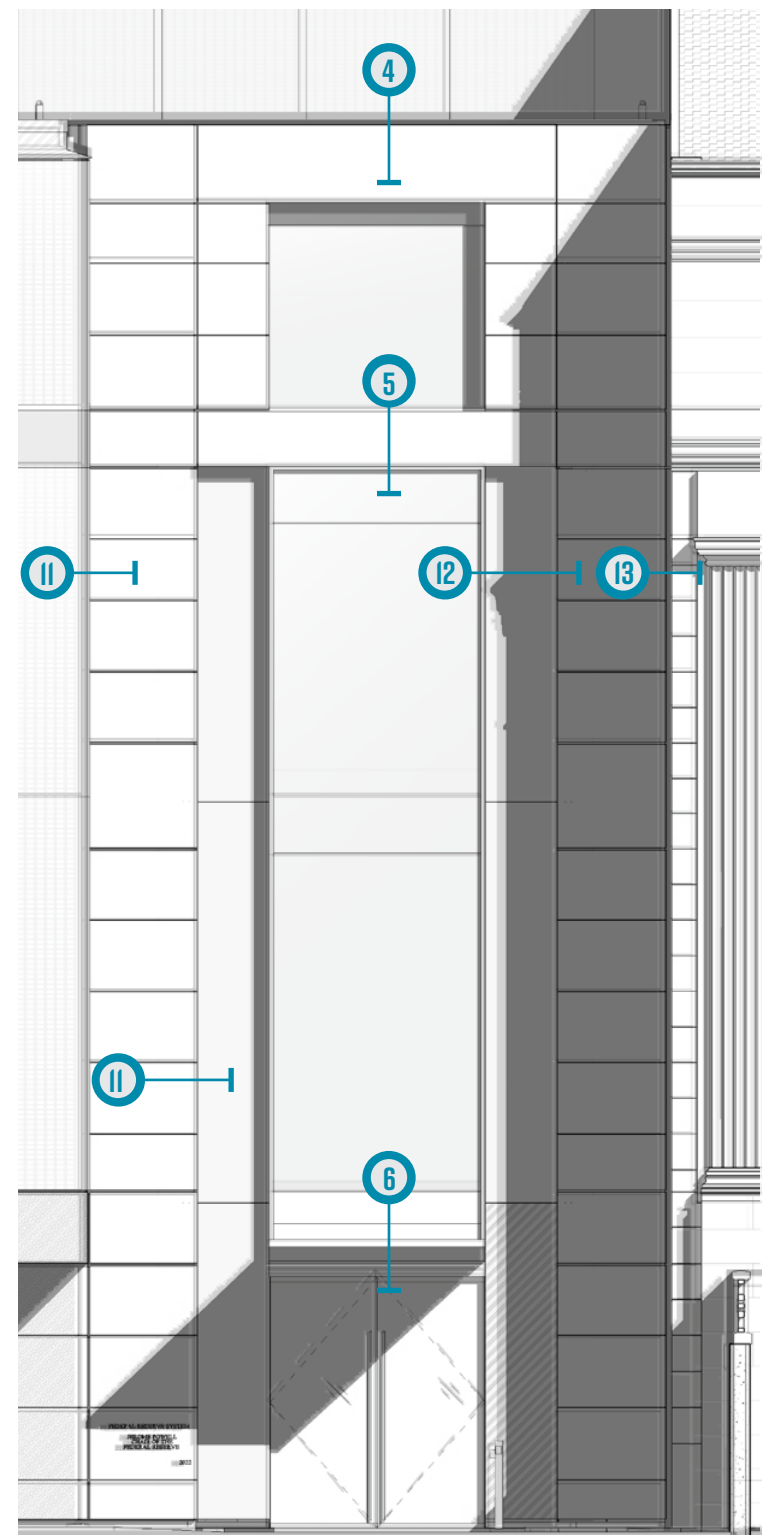
2. DETAIL SECTION - TYPICAL CURTAINWALL AT LEVEL 03 PROJECTION

SCALE: 1" = 1'-0"

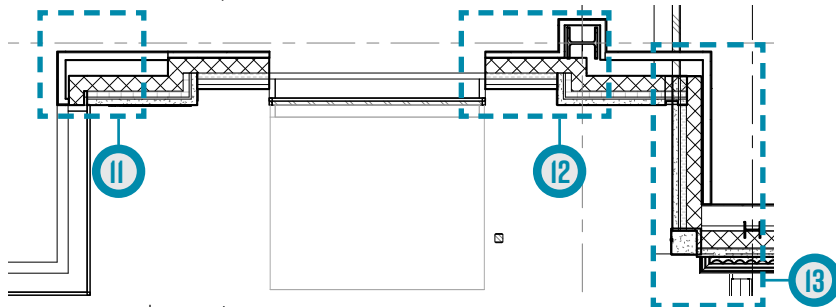


3. DETAIL SECTION - LEVEL C1 EXTERIOR SOFFIT DETAIL

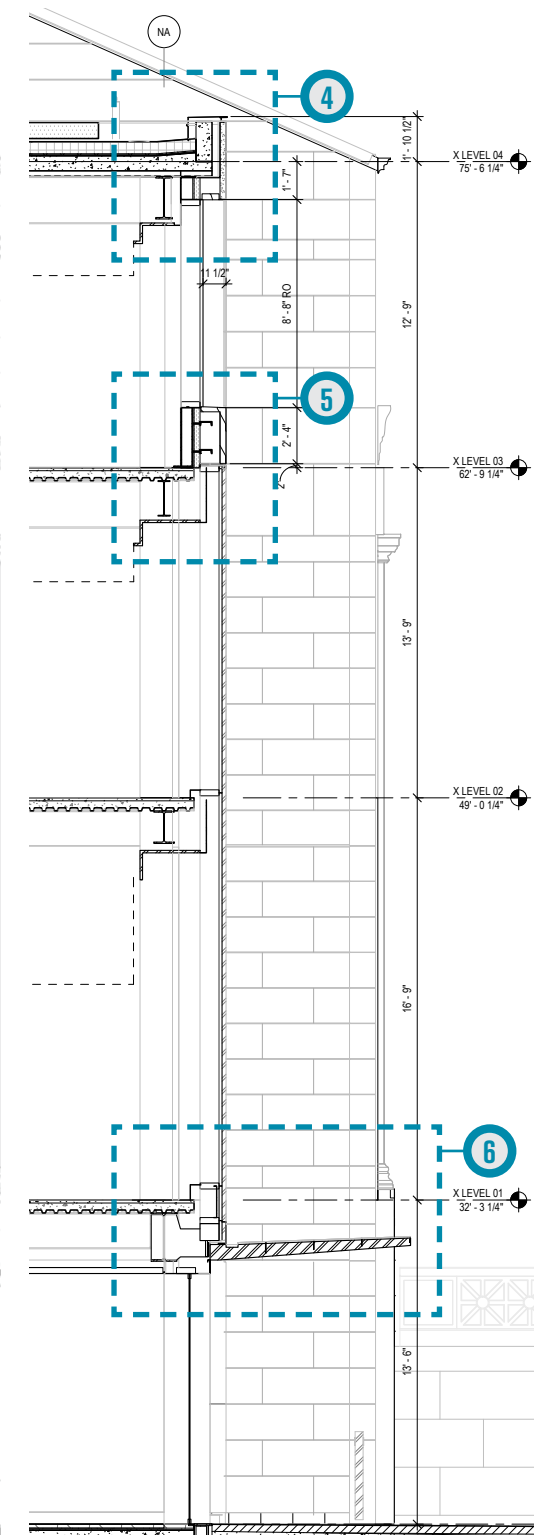
SCALE: 1" = 1'-0"



ENLARGED ELEVATION | SCALE: 1/8" = 1' - 0"

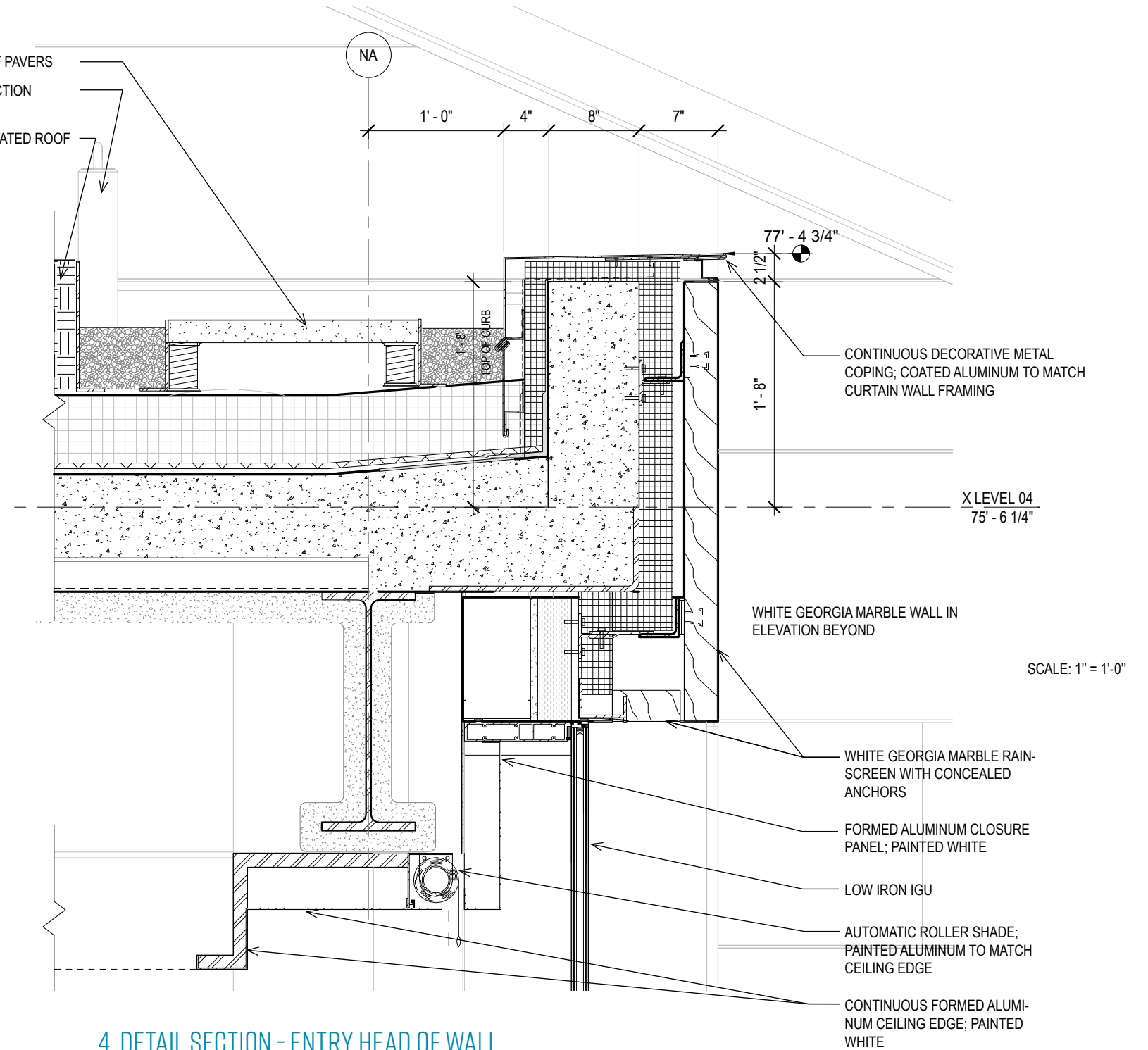


ENLARGED PLAN | SCALE: 1/8" = 1' - 0"



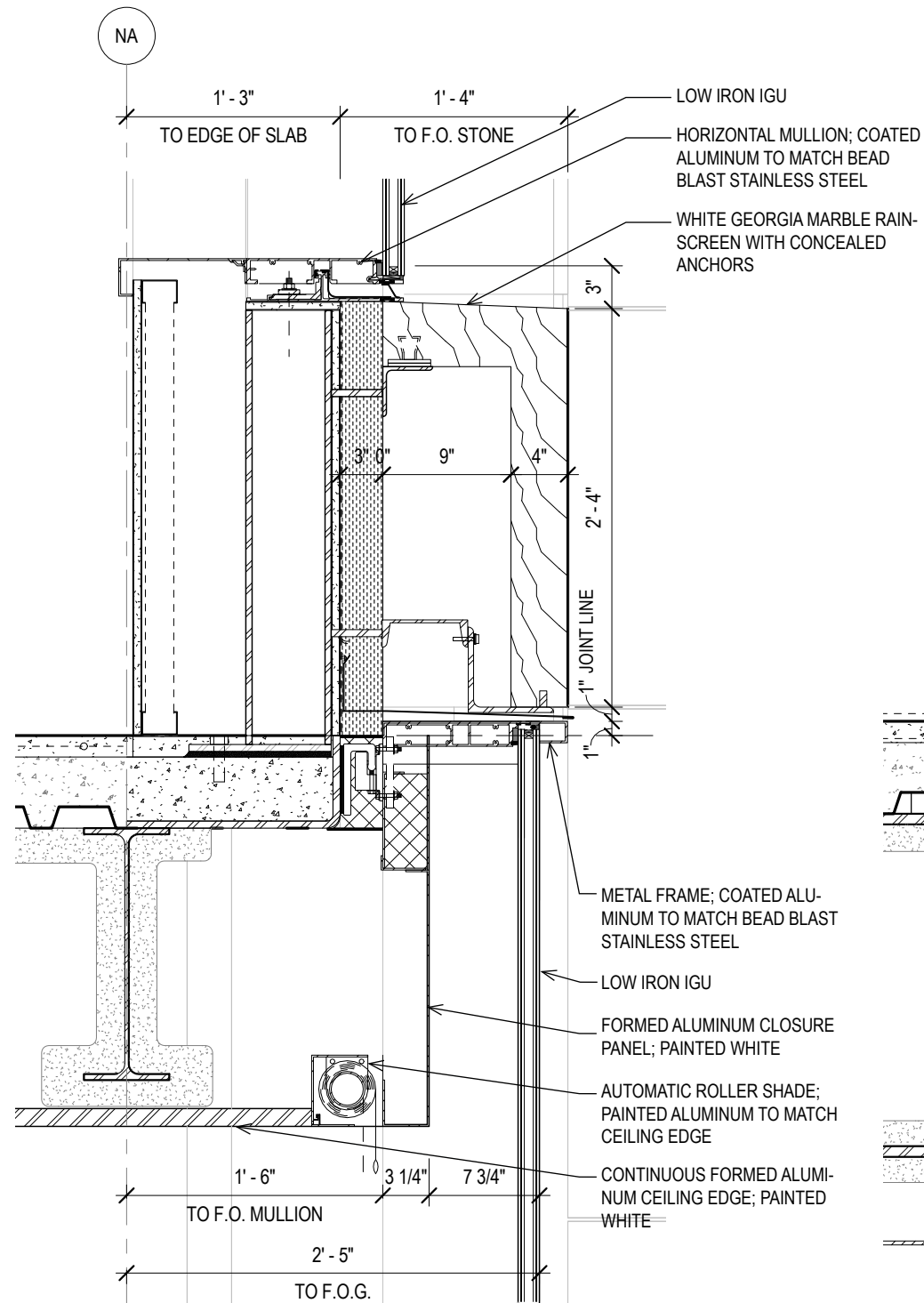
WALL SECTION | SCALE: 1/8" = 1' - 0"

ROOF PAVERS
FALL PROTECTION
ANCHOR
VEGETATED ROOF

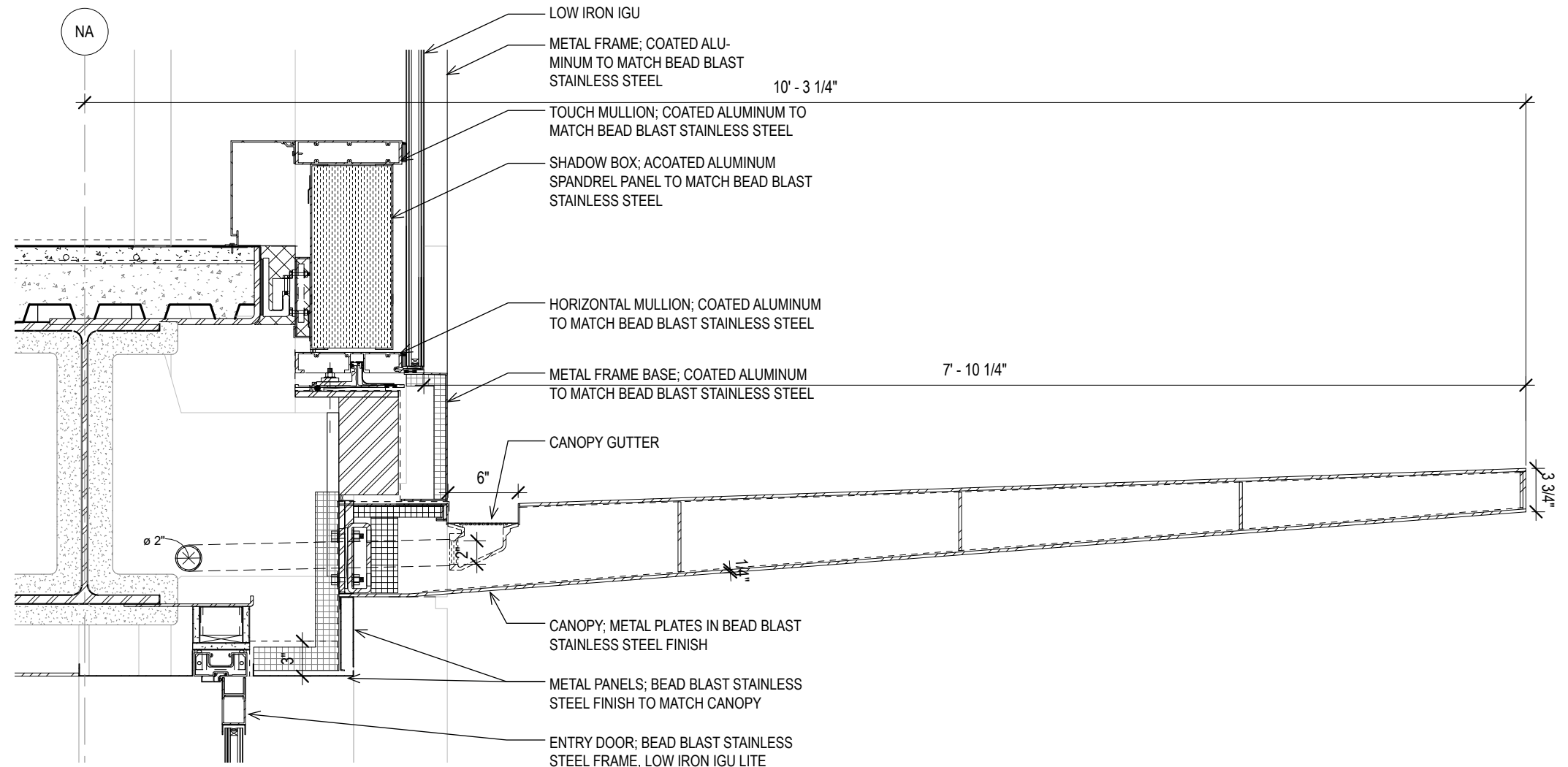


4. DETAIL SECTION - ENTRY HEAD OF WALL

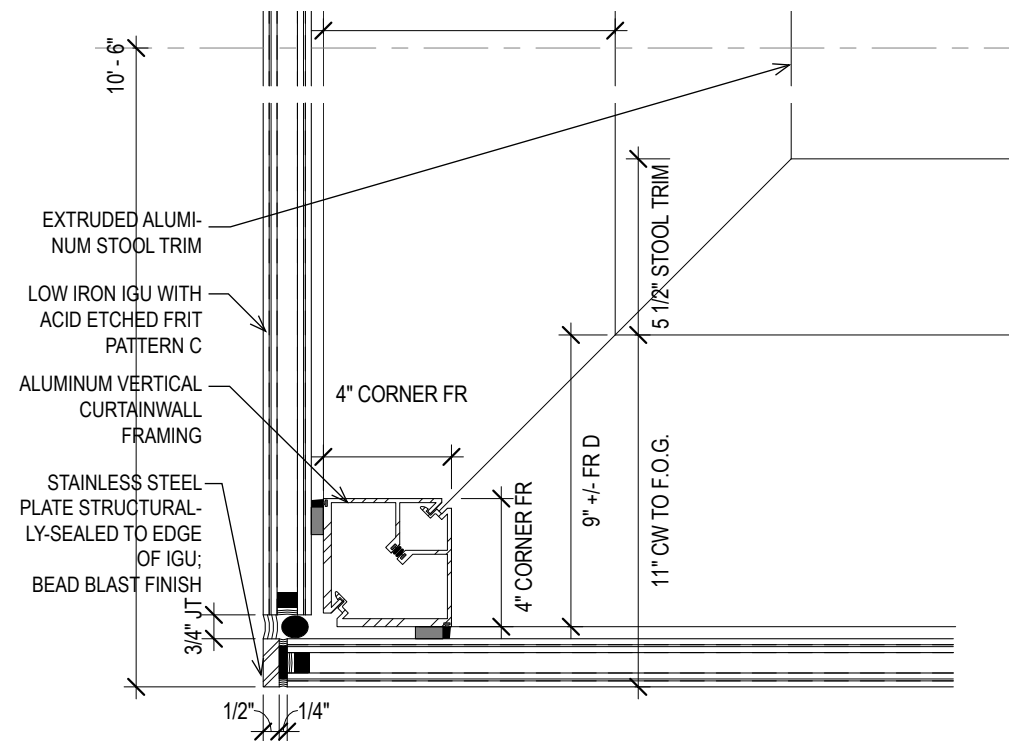
SCALE: 1" = 1' - 0"



5. DETAIL SECTION - ENTRY WALL AT LEVEL 03
SCALE: 1" = 1'-0"

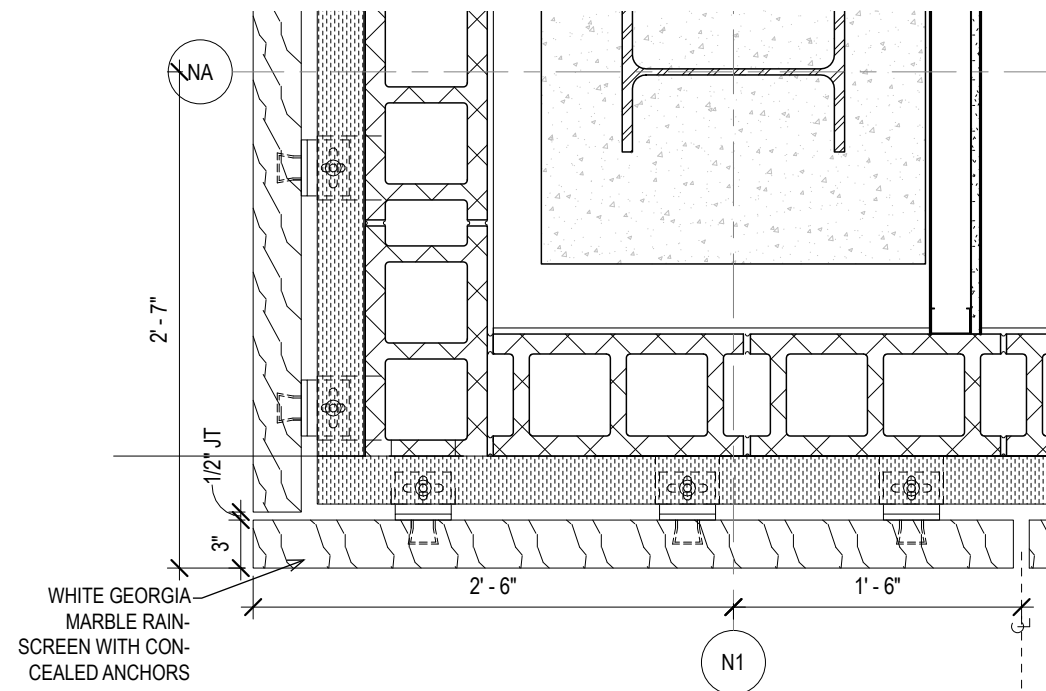


6. DETAIL SECTION - ENTRY CANOPY AT LEVEL 01
SCALE: 1" = 1'-0"



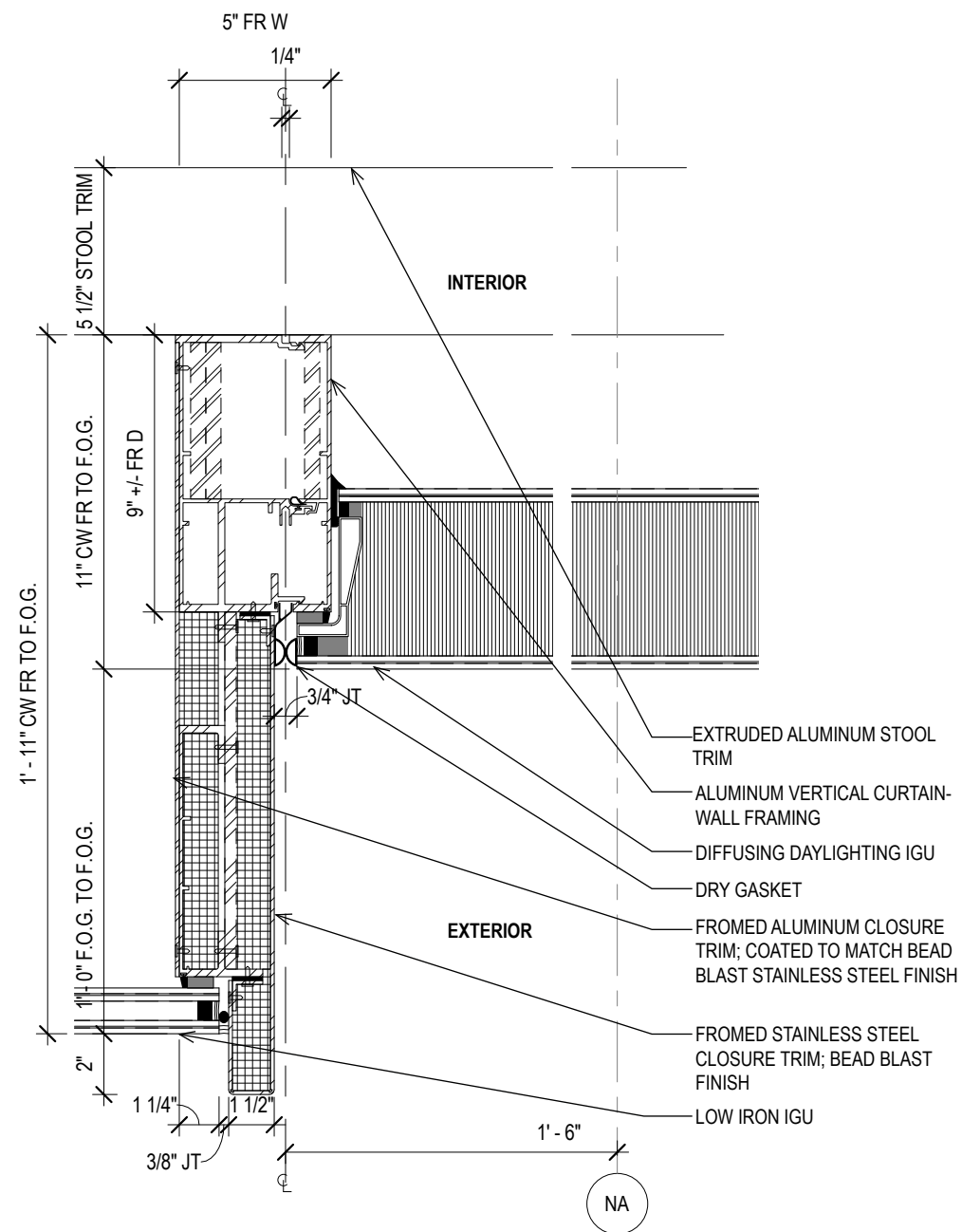
7. DETAIL PLAN - TYPICAL CURTAIN WALL AT CORNER

SCALE: 2" = 1'-0"



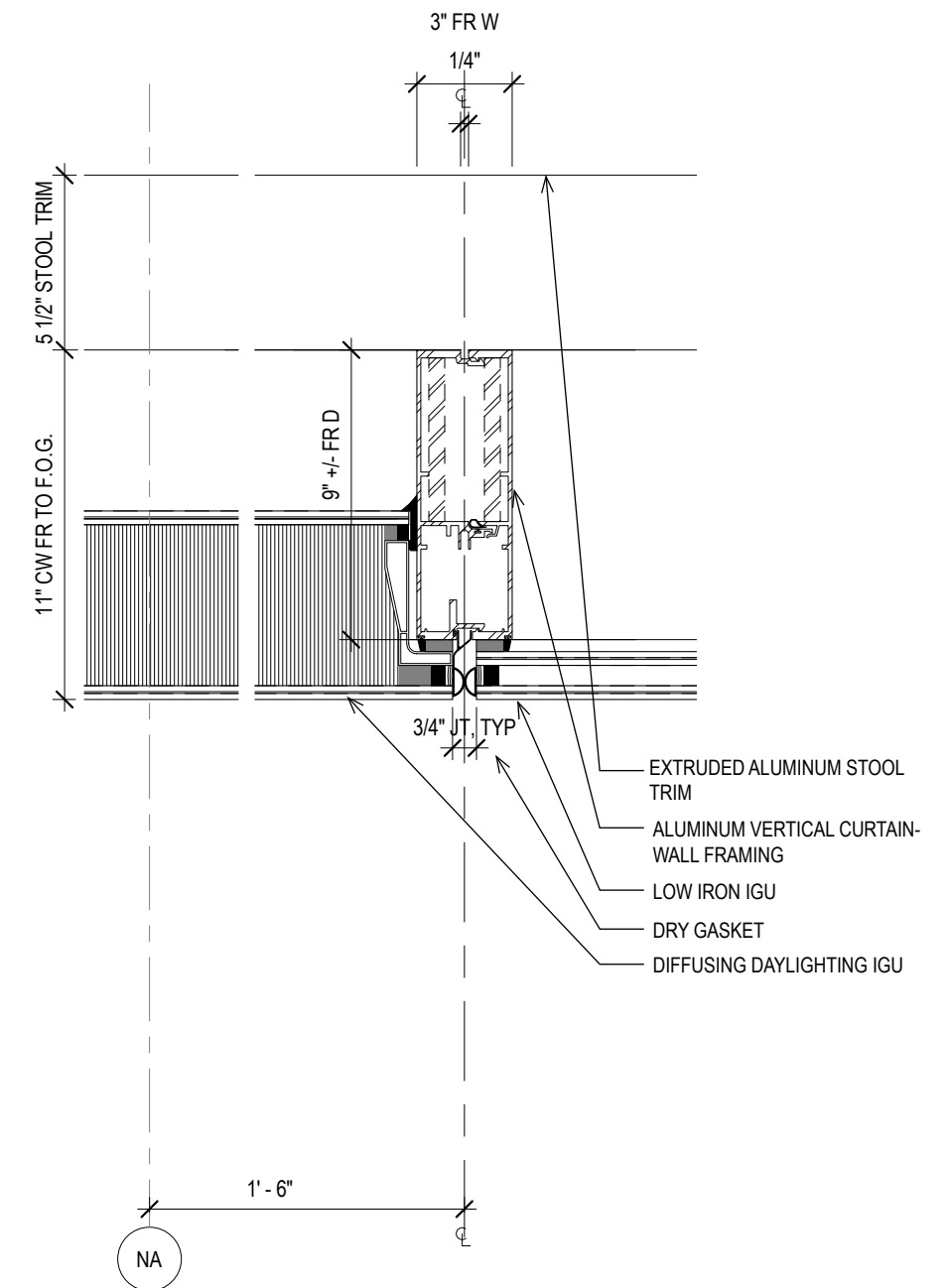
8. DETAIL PLAN - TYPICAL MARBLE RAINSCREEN AT CORNER

SCALE: 1" = 1'-0"



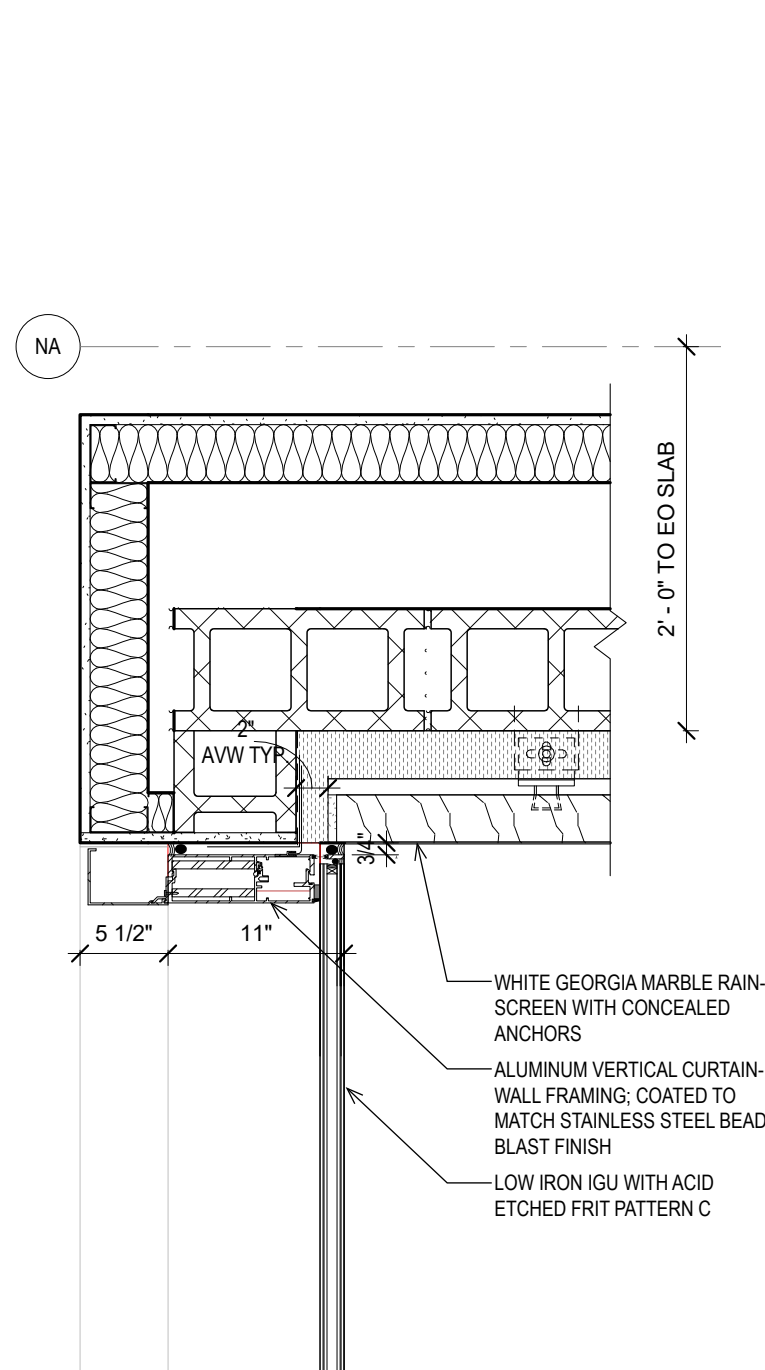
9. DETAIL PLAN - TYPICAL CURTAIN WALL AT PROJECTION

SCALE: 2" = 1'-0"



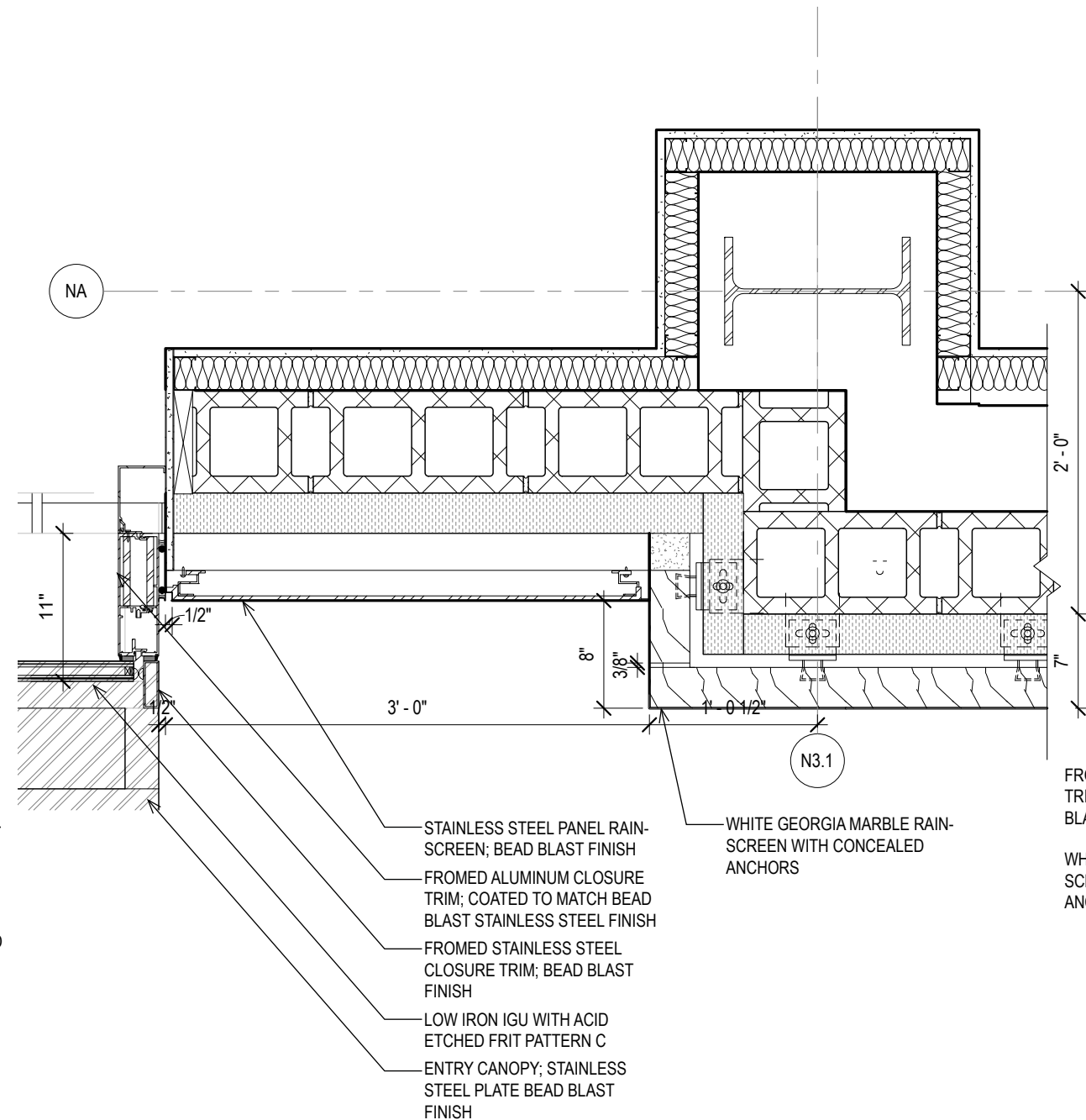
10. DETAIL PLAN - TYPICAL CURTAINWALL AT DIFFUSING IGU

SCALE: 2" = 1'-0"



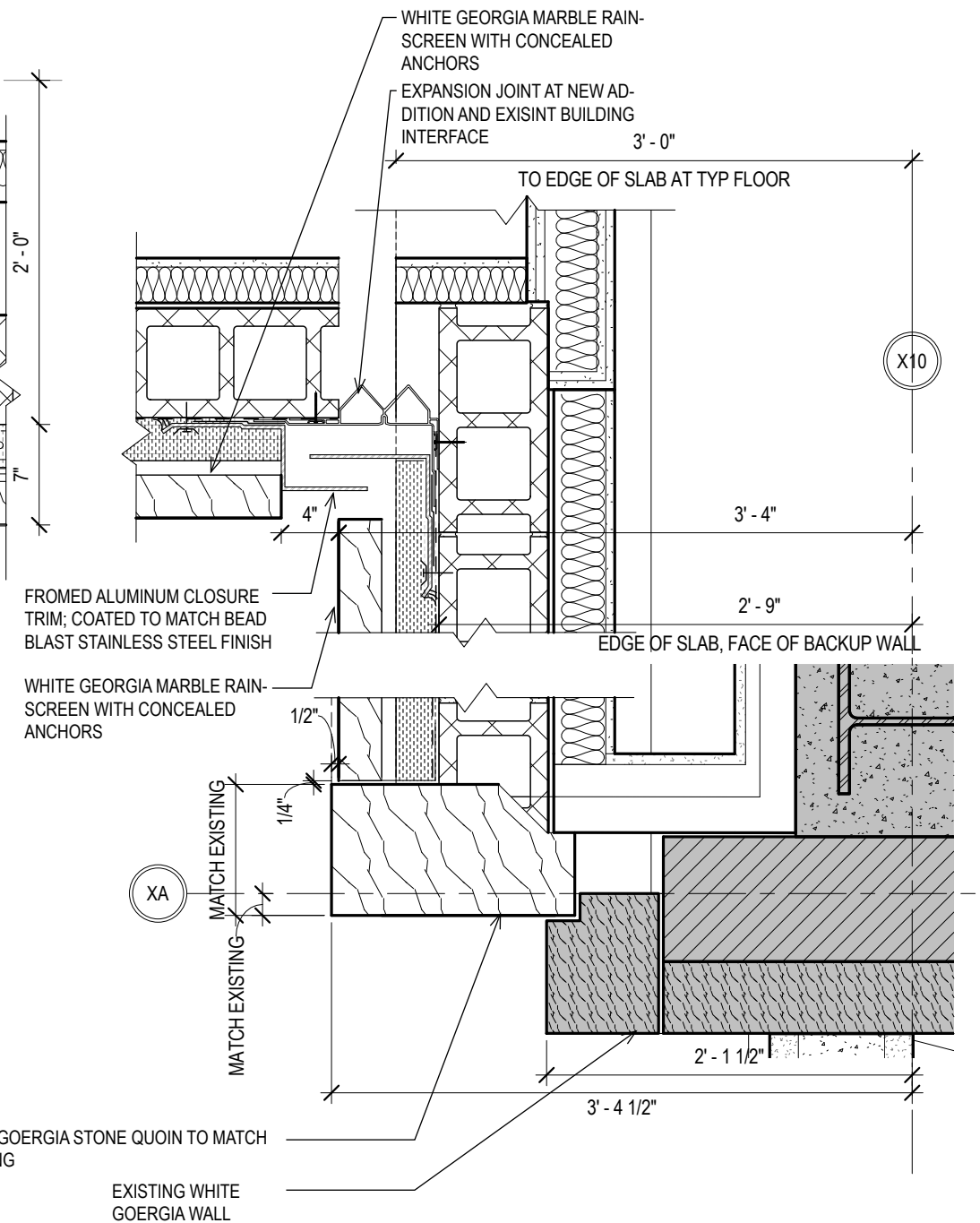
II. DETAIL PLAN - ENTRY WALL NORTH CORNER

SCALE: 1" = 1'-0"



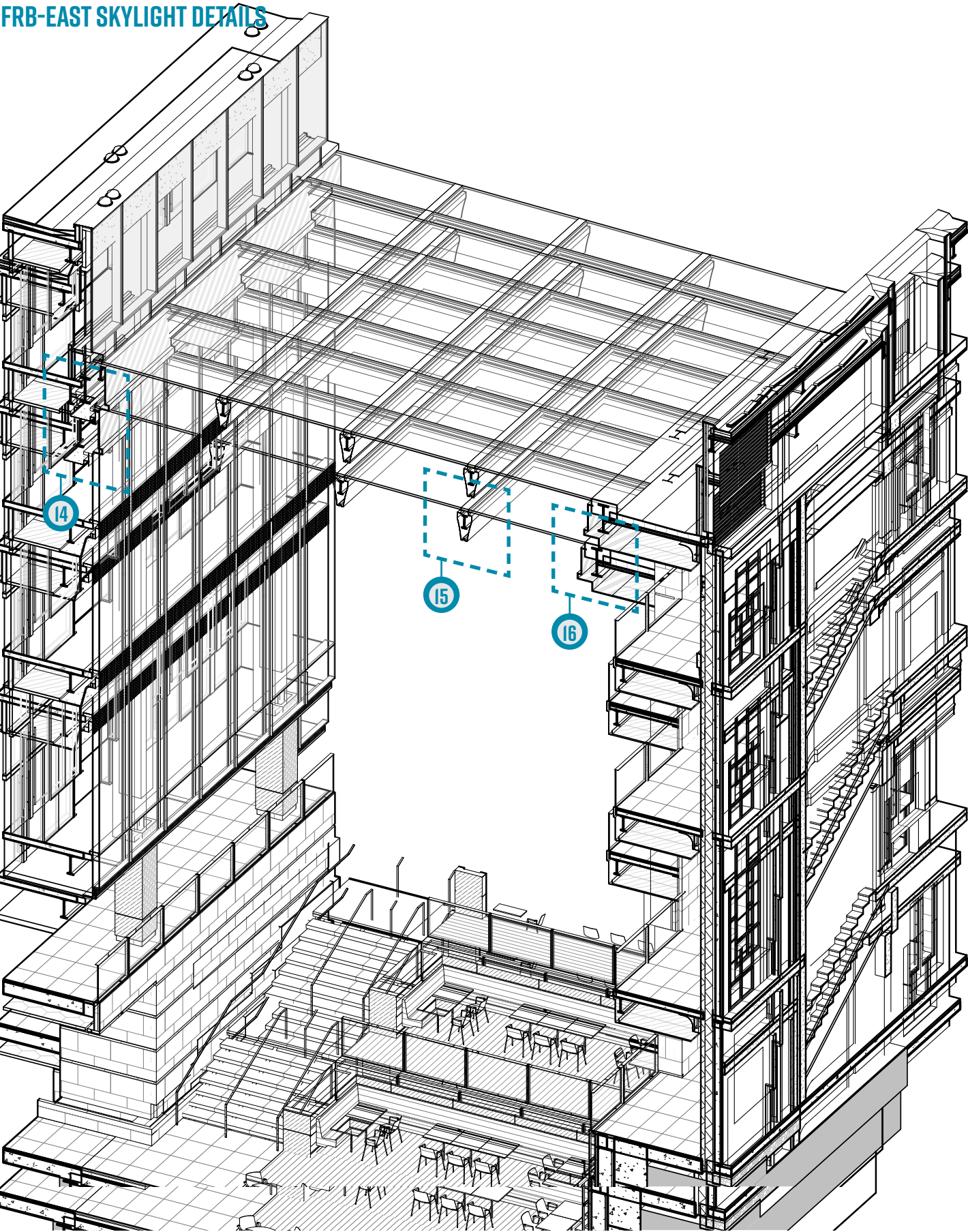
I2. DETAIL PLAN - ENTRY WALL AT METAL PANEL AND CURTAINWALL

SCALE: 1" = 1'-0"

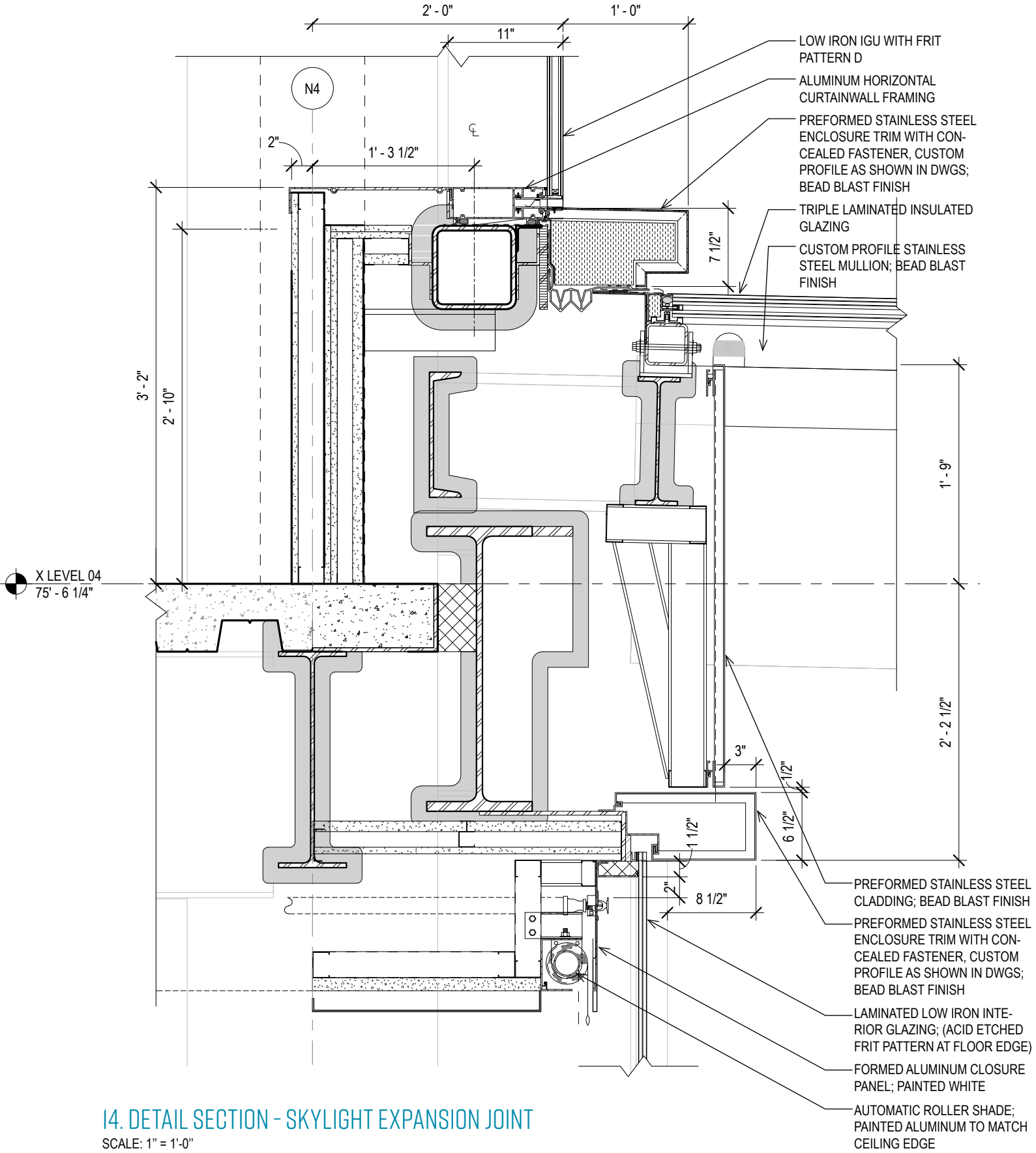


I3. DETAIL PLAN - ENTRY WALL AT SOUTHERN CORNER WITH EXPANSION JOINT

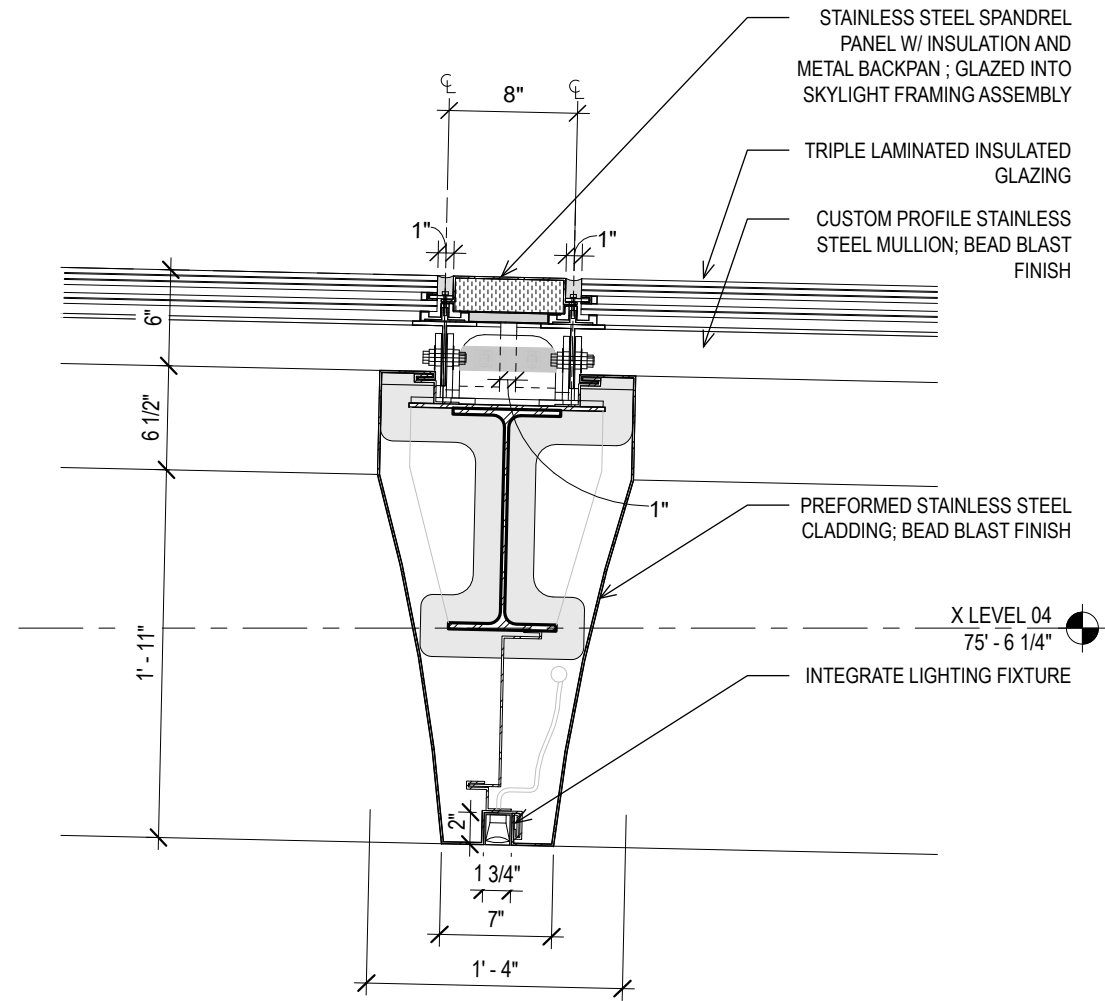
SCALE: 1" = 1'-0"



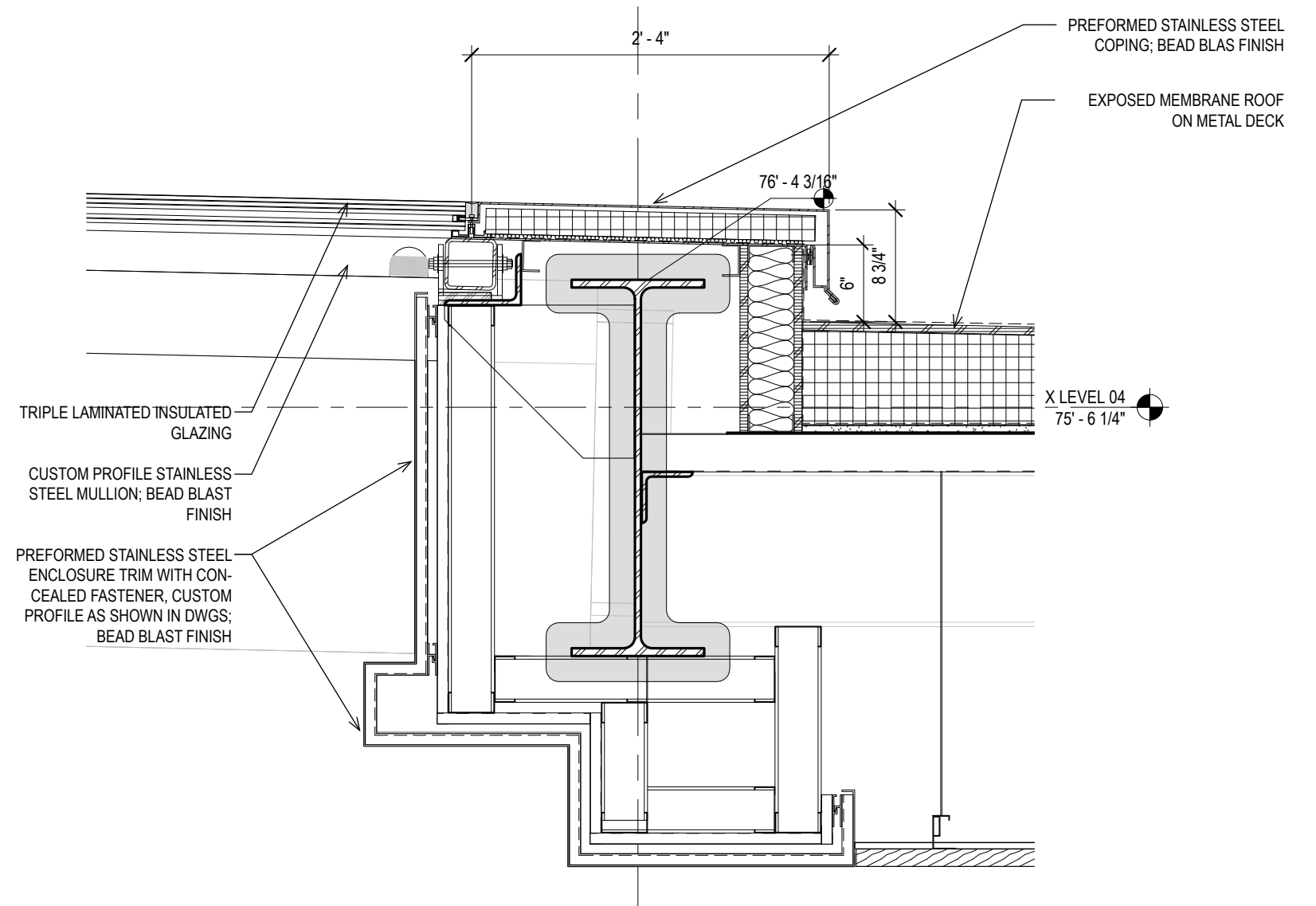
FRB-EAST BUILDING ATRIUM
AXONOMETRIC



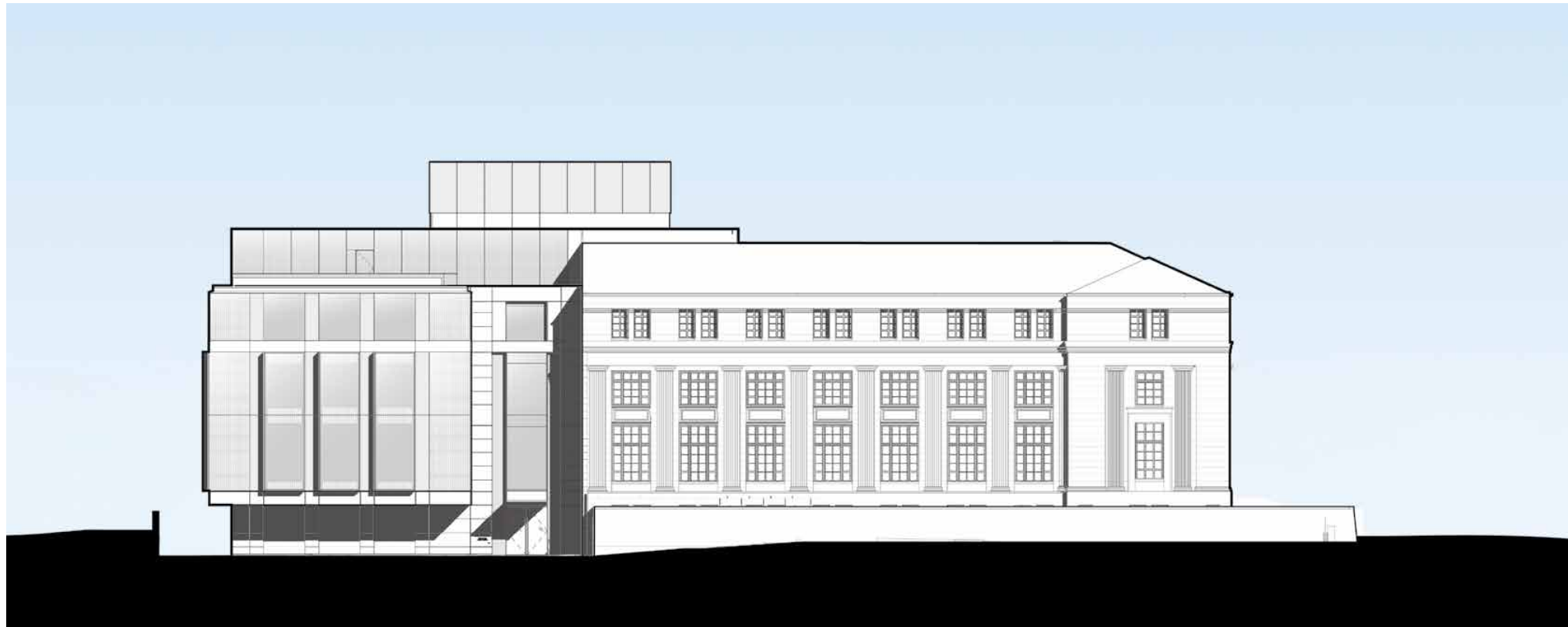
14. DETAIL SECTION - SKYLIGHT EXPANSION JOINT
SCALE: 1" = 1'-0"



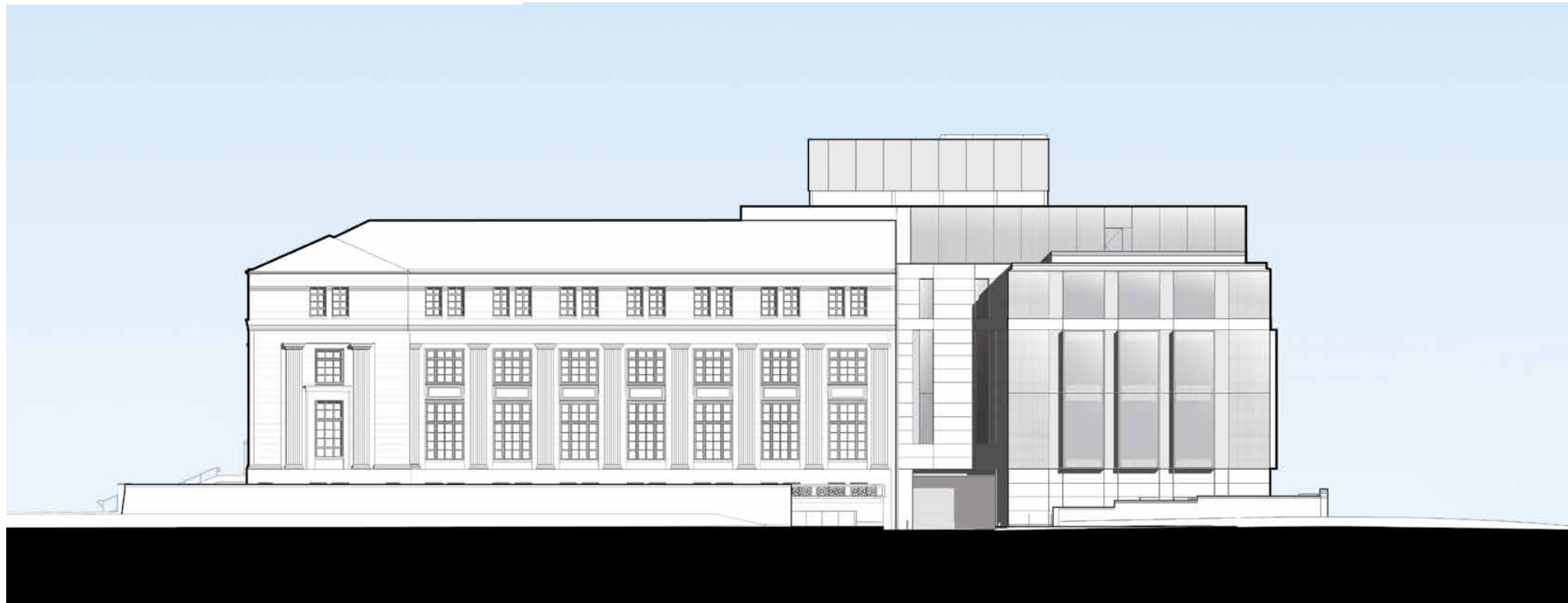
15. DETAIL SECTION - SKYLIGHT FRAME
SCALE: 1" = 1'-0"



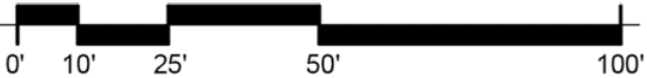
16. DETAIL SECTION - SKYLIGHT SOUTH EDGE
SCALE: 1" = 1'-0"



WEST ELEVATION



EAST ELEVATION



FRB-EAST BUILDING ELEVATION

8.3 ECCLES/FRB EAST ADDITIONAL SUPPORTING MATERIAL



PERSPECTIVE ECCLES BUILDING FROM 20TH STREET NIGHTTIME

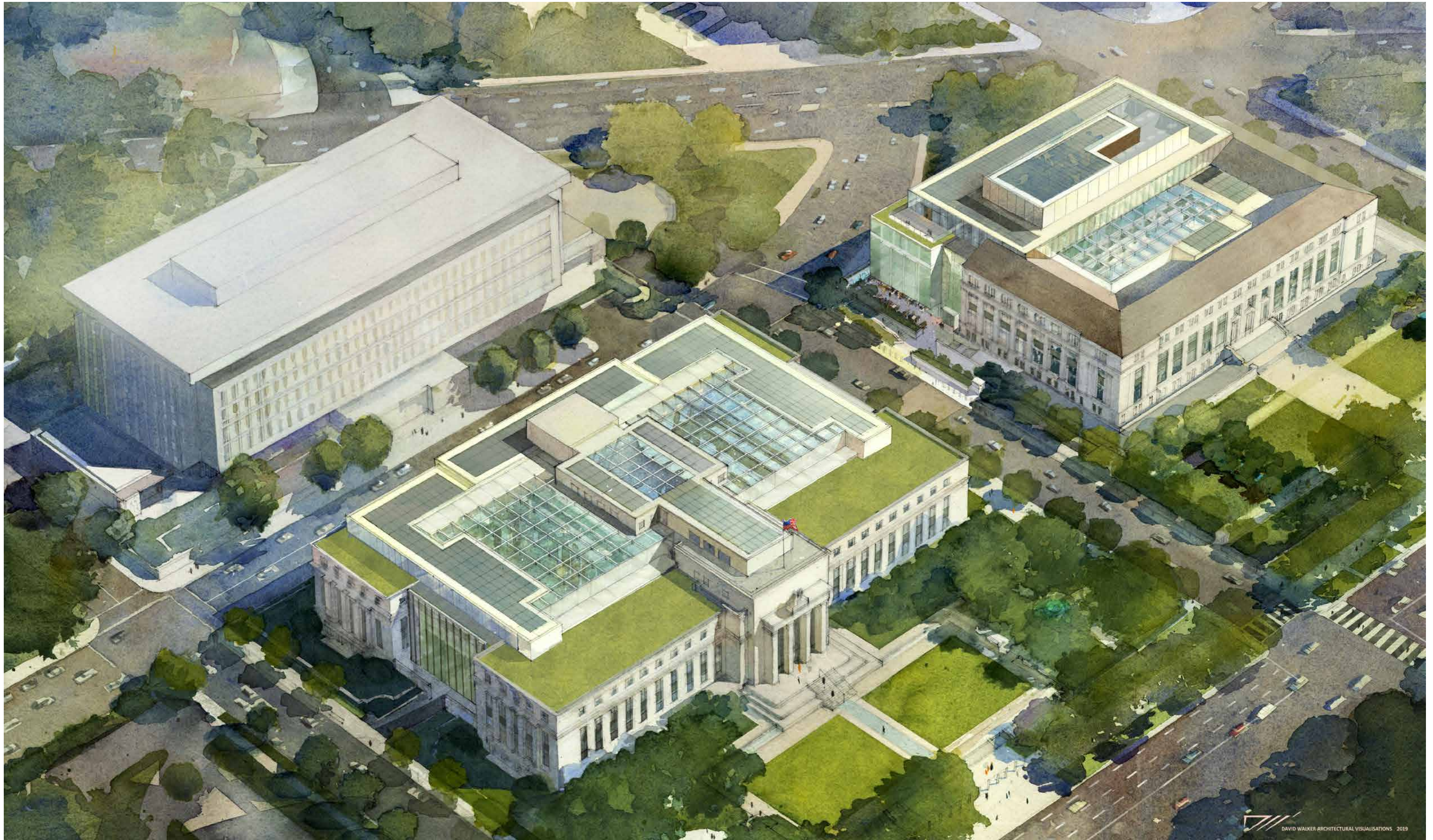


FRB-EAST ENTRANCE ON 20TH STREET NIGHTTIME VIEW UPDATED

SEPTEMBER 15, 2021

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



AERIAL VIEW SKYLIGHT AT LEVEL 5

SEPTEMBER 15, 2021

ECCLS / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

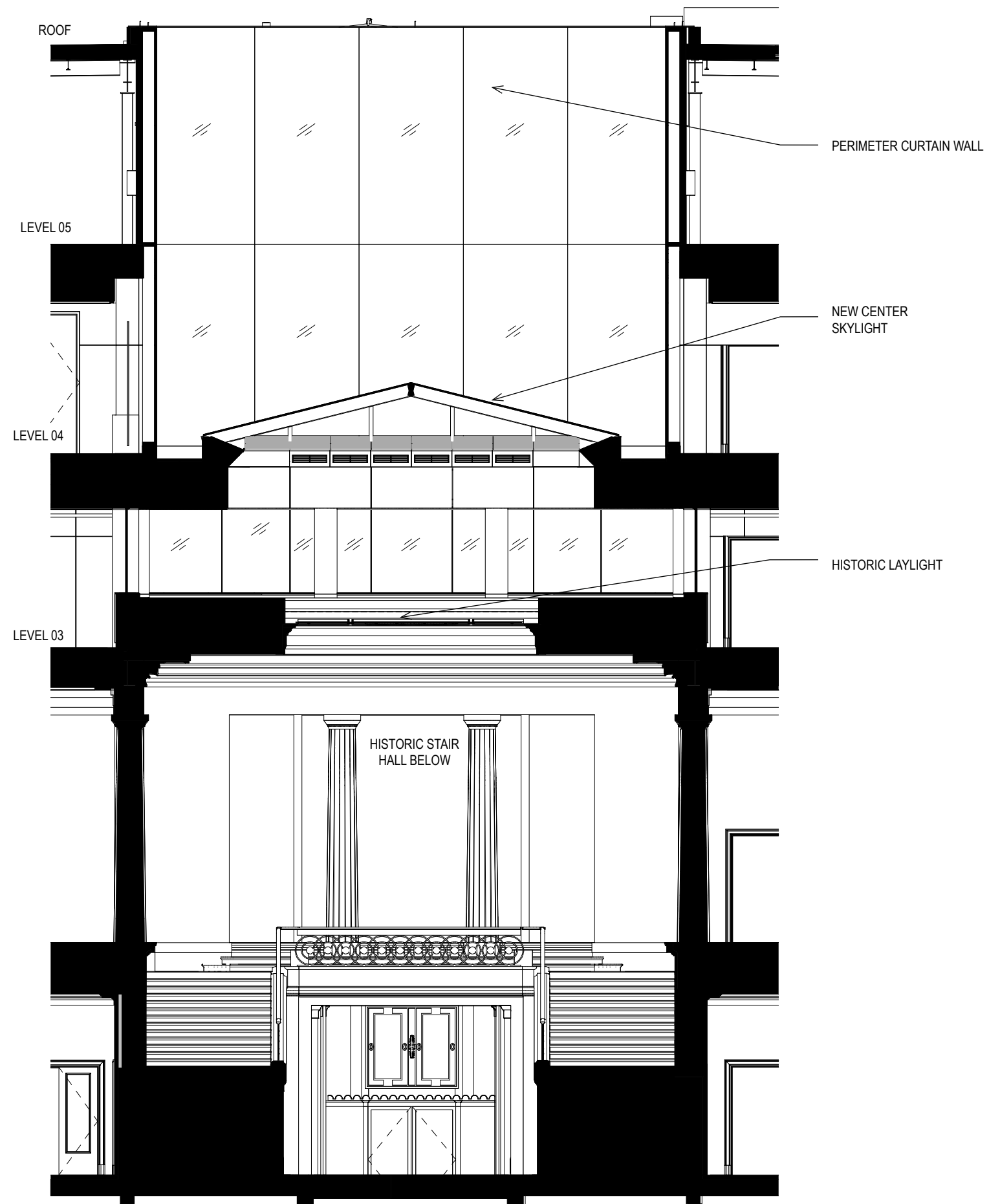


AERIAL VIEW FROM SOUTHEAST

SEPTEMBER 15, 2021

ECCLS / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



ECCLES CENTER SKYLIGHT/LAYLIGHT



ECCLES MONUMENTAL STAIRS

SEPTEMBER 15, 2021

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



FRB-EAST BUILDING PENTHOUSE MODERNIZATION

SEPTEMBER 15, 2021

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

8.4 MODEL PHOTOS



MODEL PHOTOGRAPH ECCLES



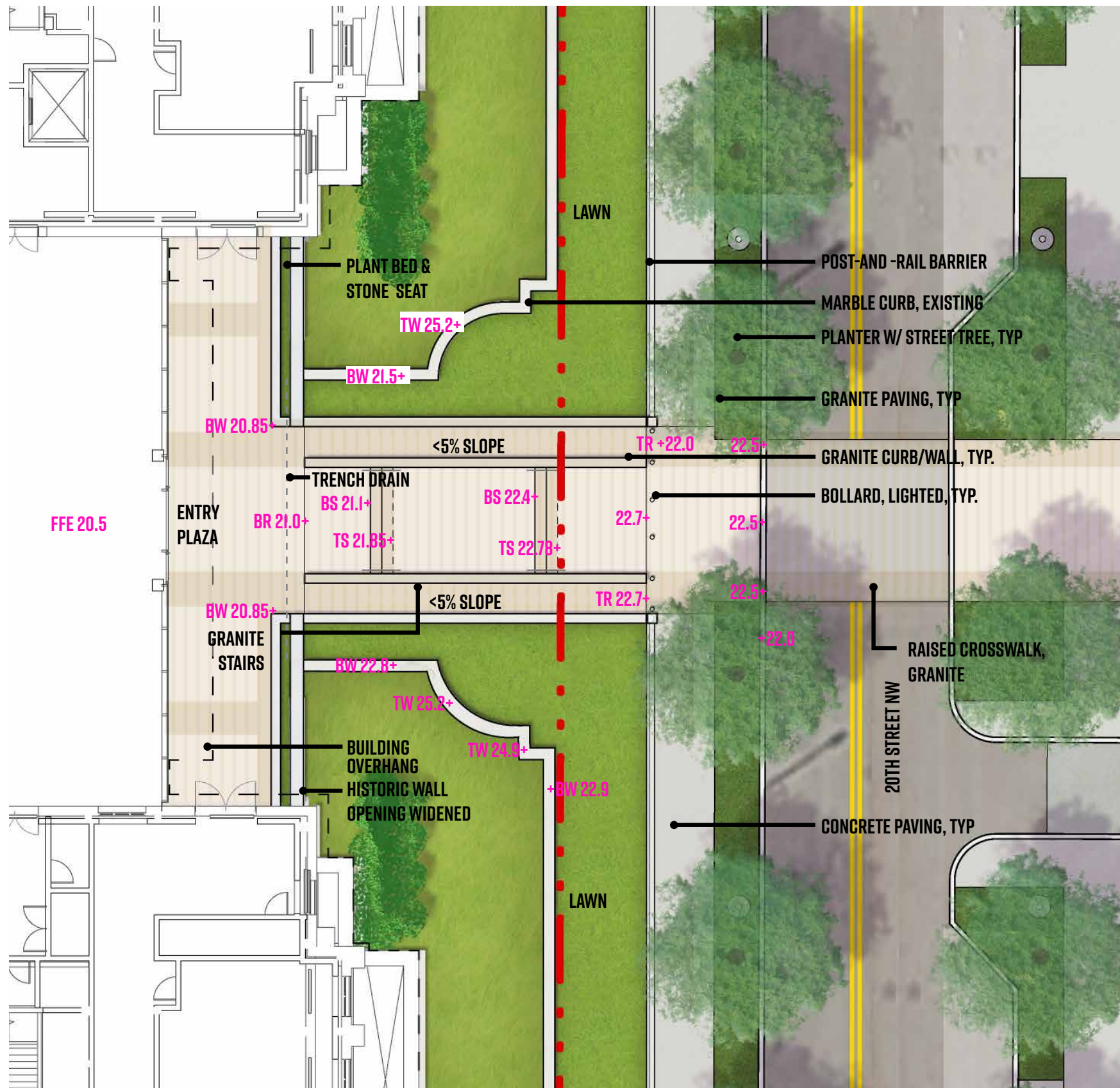
MODEL PHOTOGRAPH FRB-EAST

SEPTEMBER 15, 2021

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

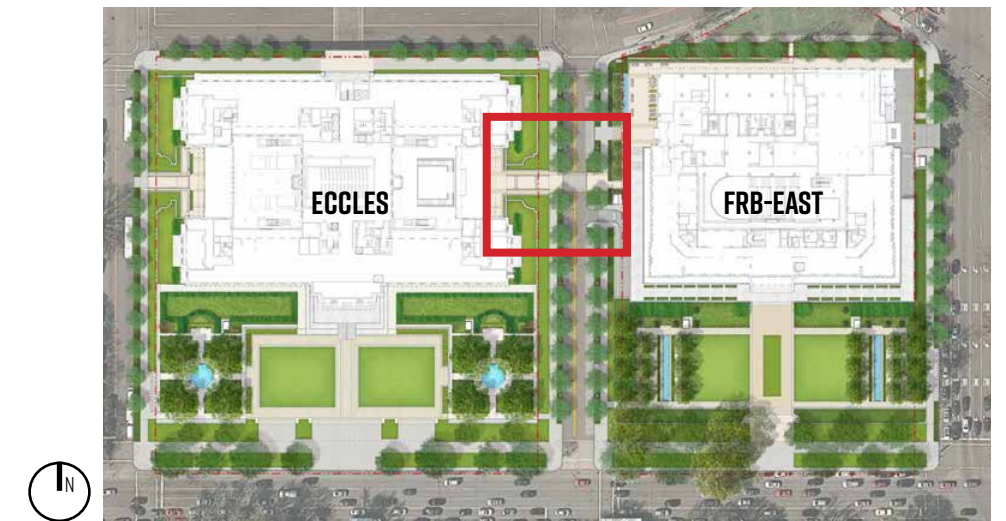
FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

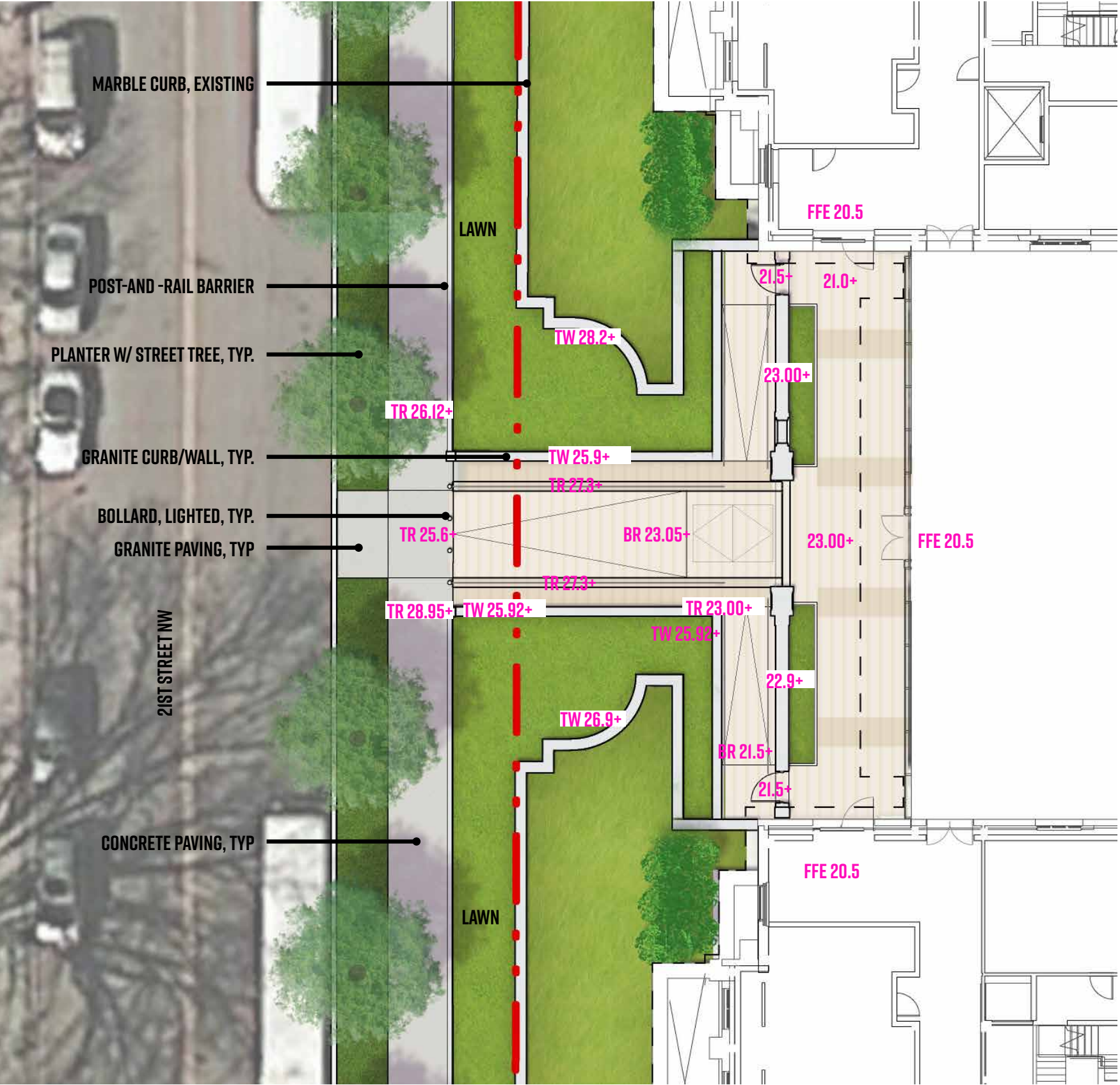
8.5 LANDSCAPE SUPPORTING MATERIAL



Plan Enlargement

ECCLES | STAFF ENTRANCE PLAN ENLARGEMENT

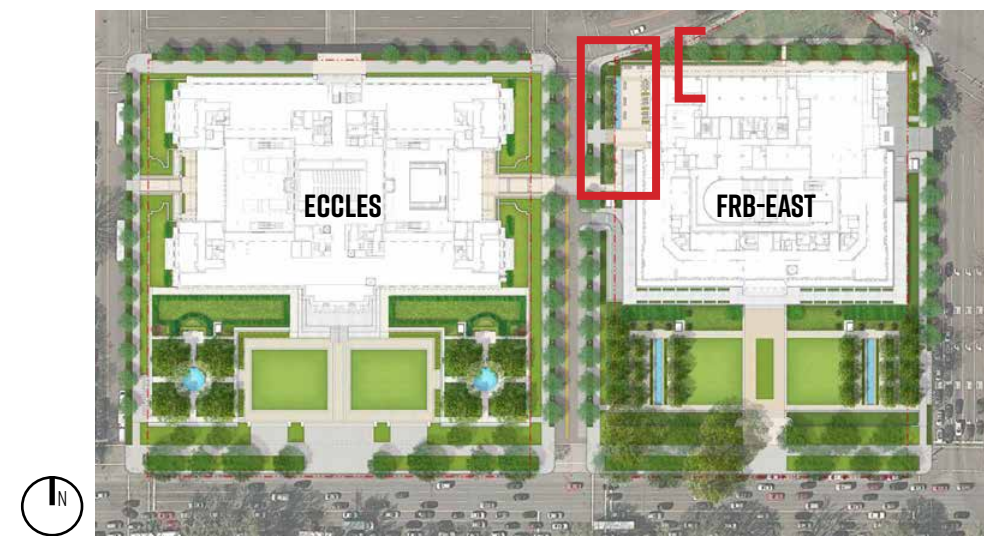
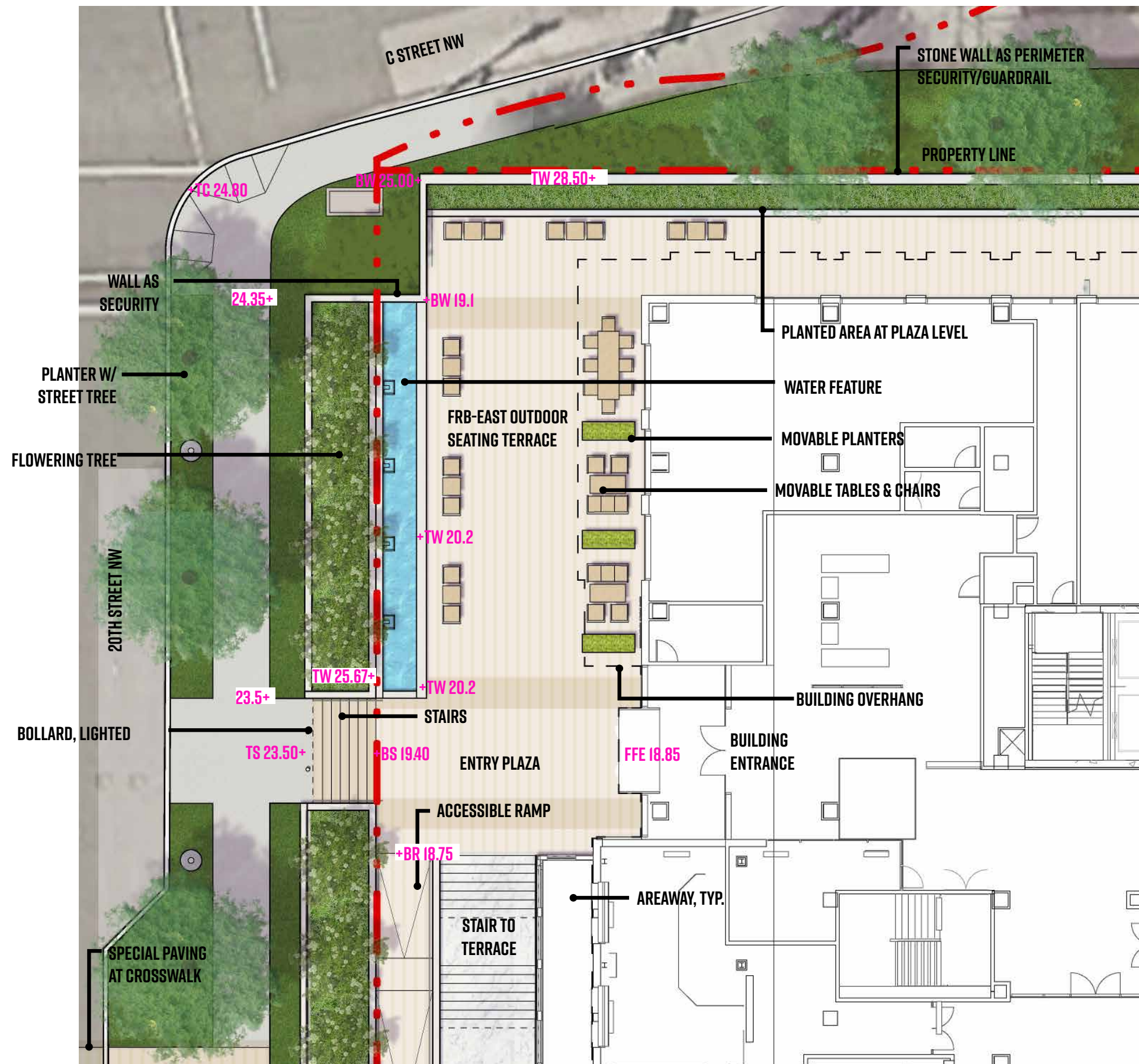




Plan Enlargement

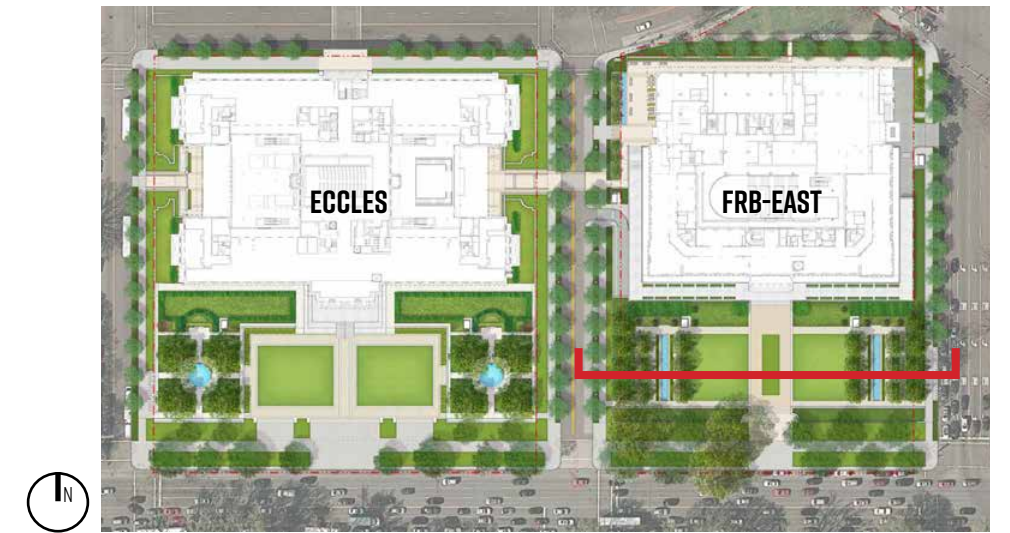


ECCLES | EMERGENCY EGRESS ENLARGEMENT PLAN



FRB-East | Section North of Building Looking East

FRB-EAST | ENTRANCE PLAZA ENLARGEMENT AND SECTION

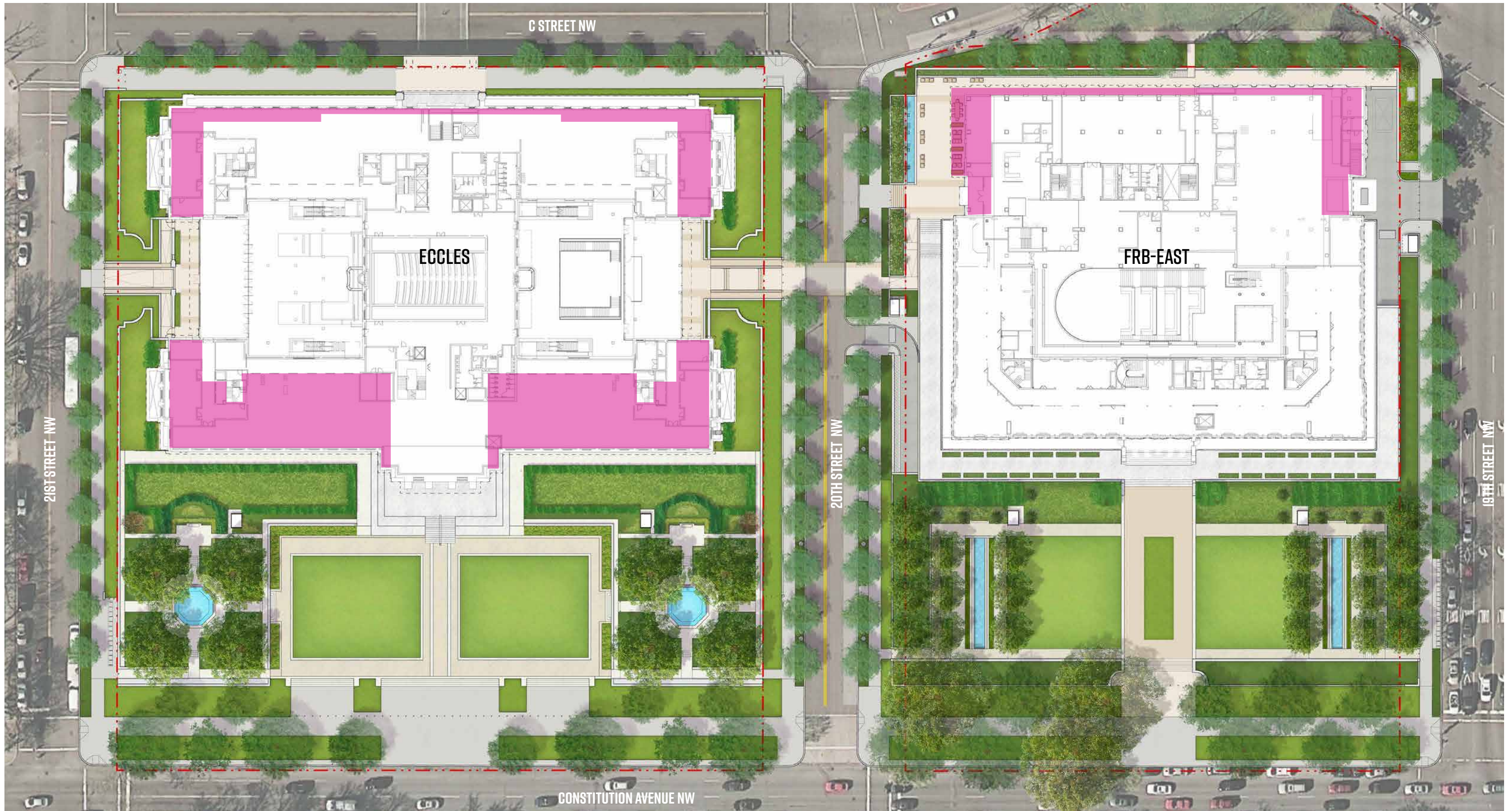


FRB-EAST | CONSTITUTION AVE ELEVATION - LOOKING NORTH



32'-6" WIDE - PARKING LANE BULB-OUT AT CROSSWALK

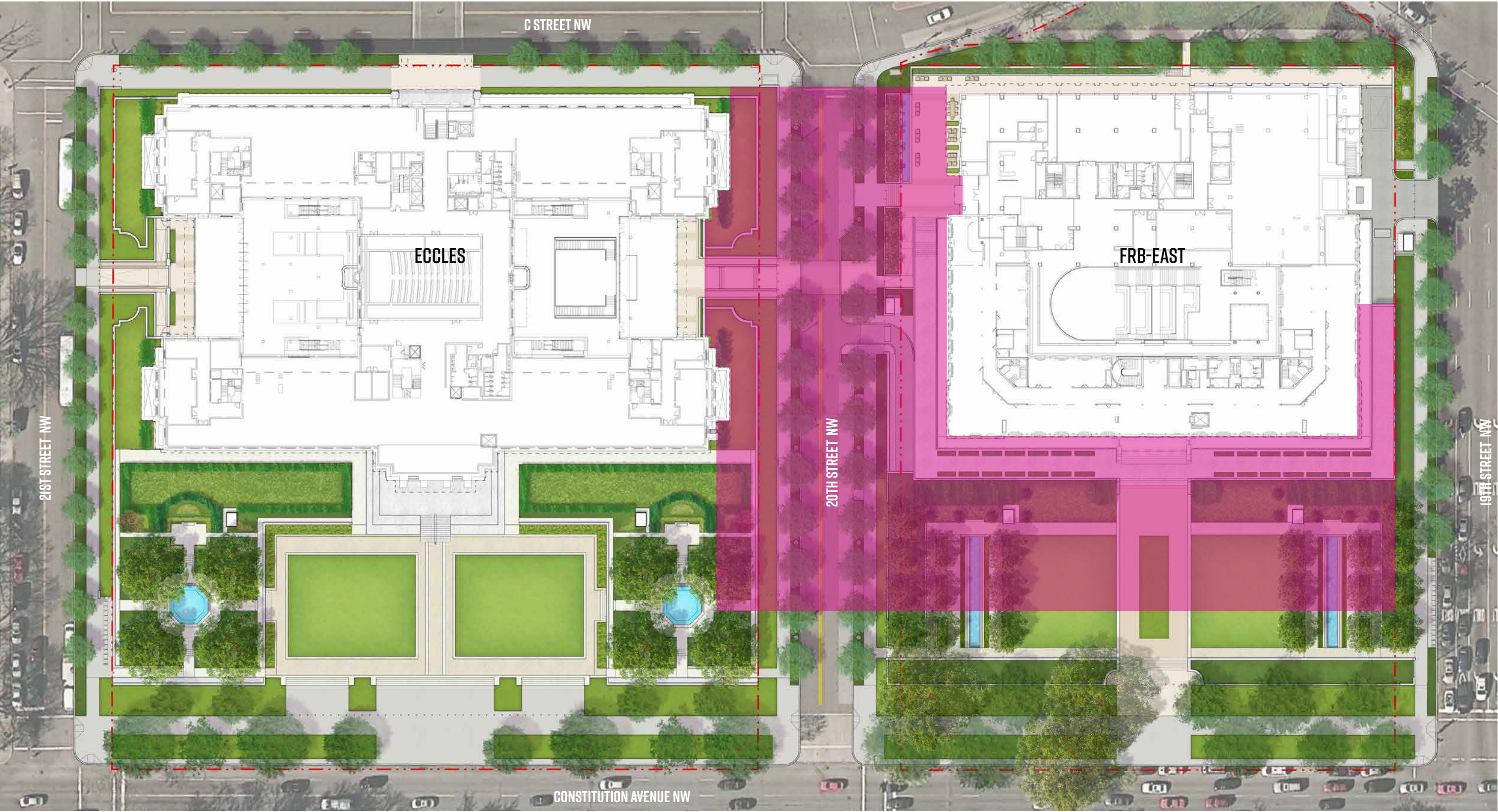
20TH STREET - MODEL VIEW AT MID-BLOCK CROSSING



VEGETATED ROOF



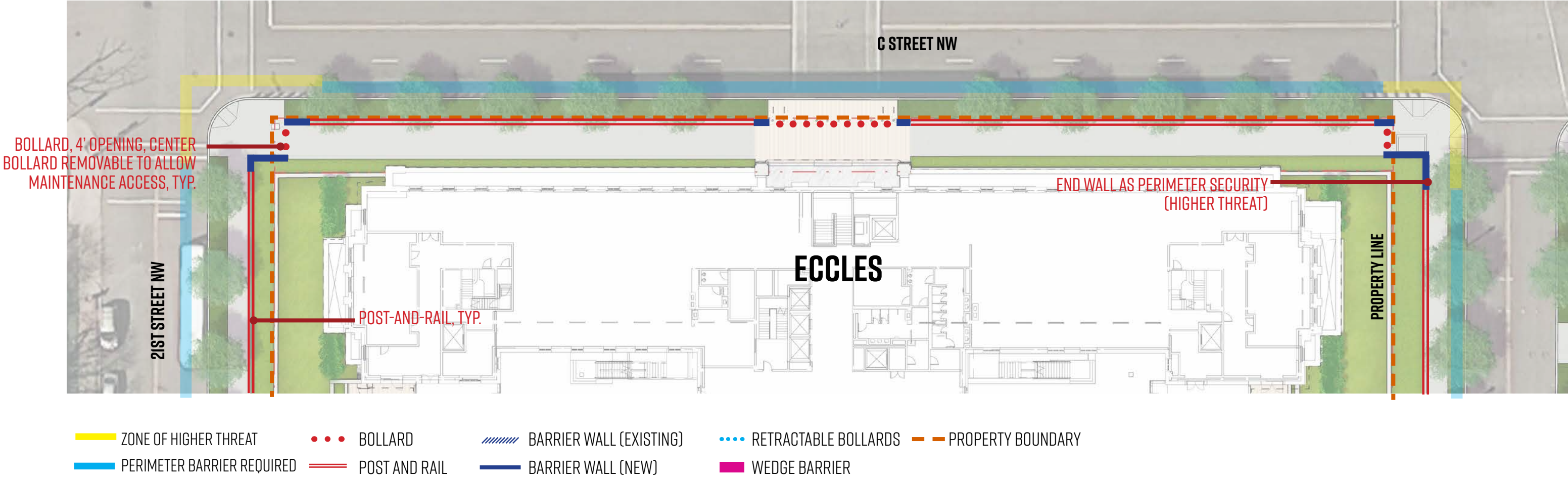
SITE PLAN | VEGETATED ROOF ASSEMBLY LOCATIONS



VEGETATED ROOF - STRUCTURE BELOW GRADE



SITE PLAN | VEGETATED ROOF - OVER GARAGE STRUCTURE



ECCLES - C STREET PERIMETER SECURITY



20TH STREET & C STREET - EXISTING (Looking SW)

21ST STREET & C STREET - EXISTING (Looking SE)



20TH STREET & C STREET

21ST STREET & C STREET

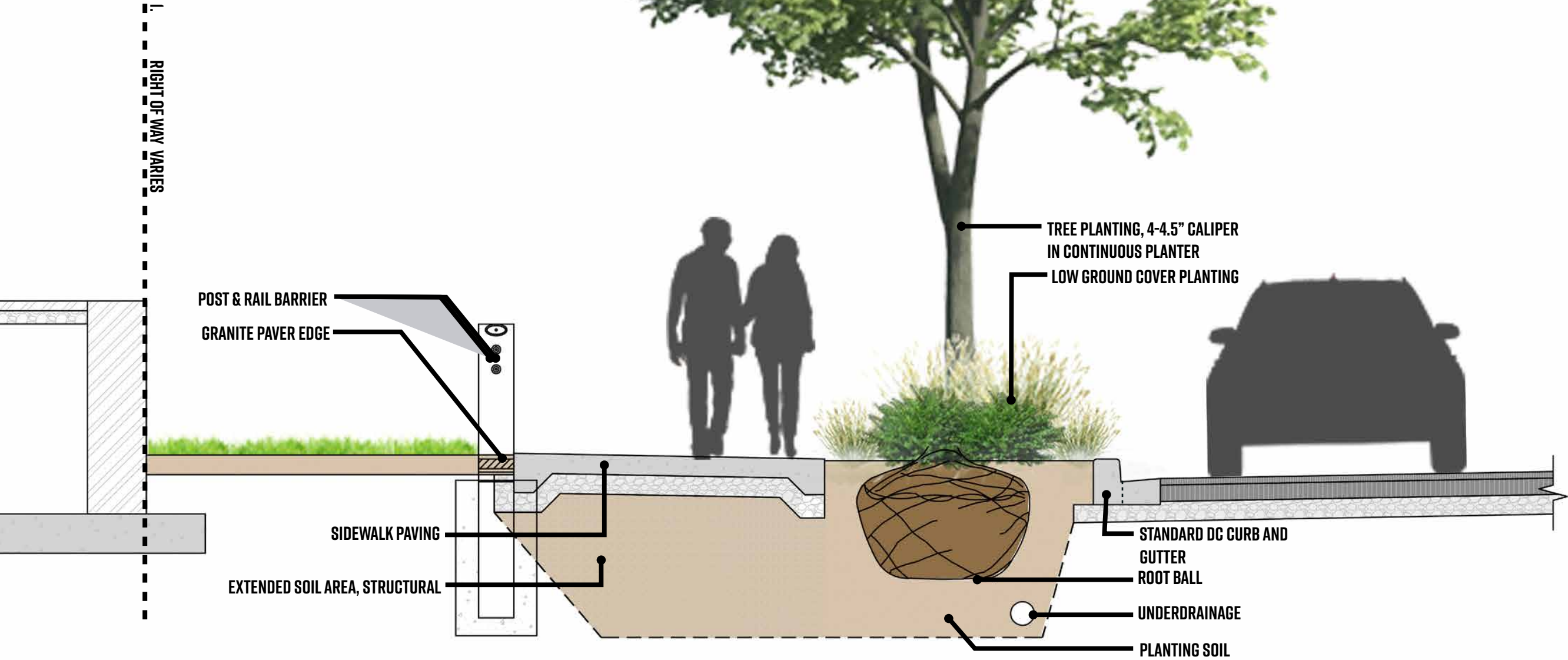
ECCLES - C STREET PERIMETER SECURITY

STREET TREE PLANTER SOIL VOLUMES

TYPICAL TREE PLANTER WIDTH = 6-7' WIDE,
AVERAGE SOIL VOLUME = 1512 CU FT MIN (648 CU FT UNCOVERED, 864 CU FT COVERED)
6" WIDE PLANTER (4' DEEP) + 8' EXTENDED PLANTING SOIL AREA (4' DEEP)

- DDOT SOIL VOLUMES
- LARGE TREES: 1500 CUBIC FEET OF SOIL WITHIN A R27'
 - MEDIUM TREES: 1000 CUBIC FEET OF SOIL WITHIN A R22'
 - SMALL TREES: 600 CUBIC FEET OF SOIL WITHIN A R16'

*SOIL VOLUME IS CALCULATED AS: (AREA OF OPEN SOIL X DEPTH OF SOIL) + (AREA OF COVERED SOIL X DEPTH OF SOIL).



TYPICAL STREET TREE PLANTING DETAIL

METAL MATERIALS

DARK GREY



1951 PERIMETER SECURITY

PROPOSED MATERIALS



PAVING BAND



CHARCOAL BLACK
TEXTURED FINISH

HISTORIC WALL

MARBLE
EXISTING



SITE WALL

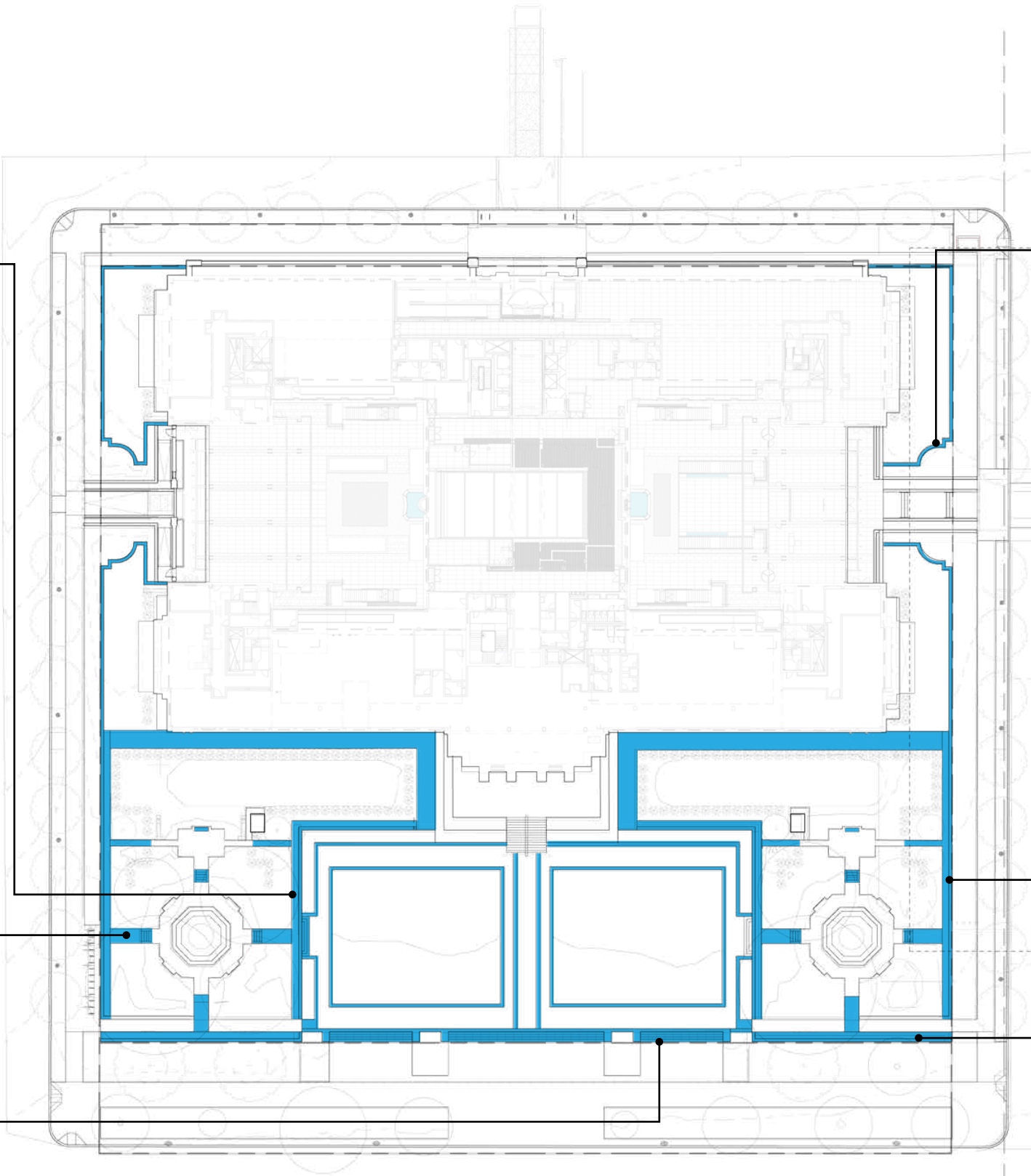
CHELMSFORD



LANDSCAPE MATERIALS

MARBLE

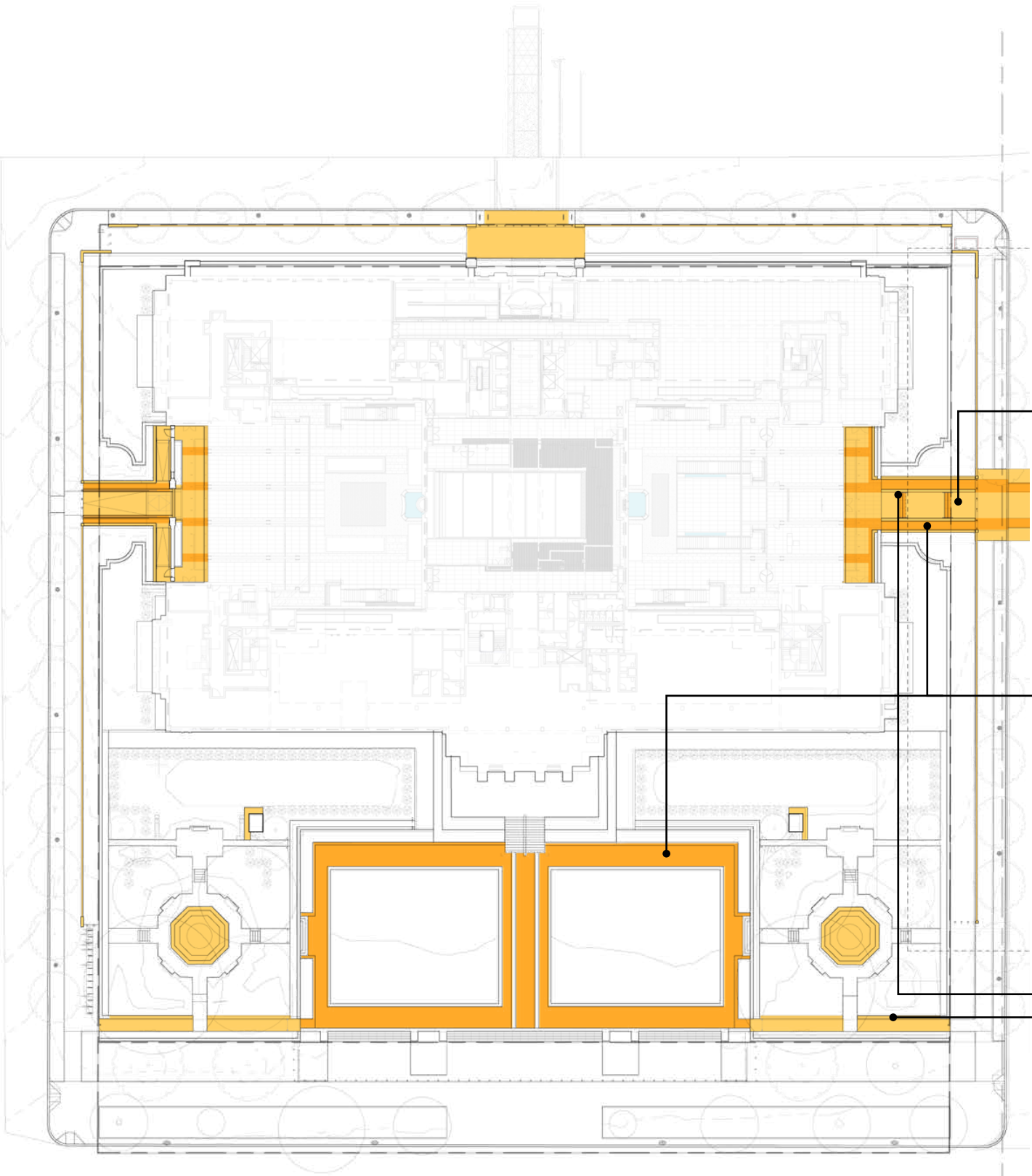
EXISTING MATERIALS



LANDSCAPE MATERIALS - ECCLES

GRANITE

EXISTING MATERIALS



PROPOSED MATERIALS



IRIDIAN
DIAMOND 10 FINISH

FIELD PAVING AT EAST AND
WEST ENTRANCES



CHARCOAL BLACK
TEXTURED FINISH

FIELD PAVING AT SOUTH
TERRACE
BAND PAVING AT EAST AND
WEST ENTRANCES



CHELMSFORD

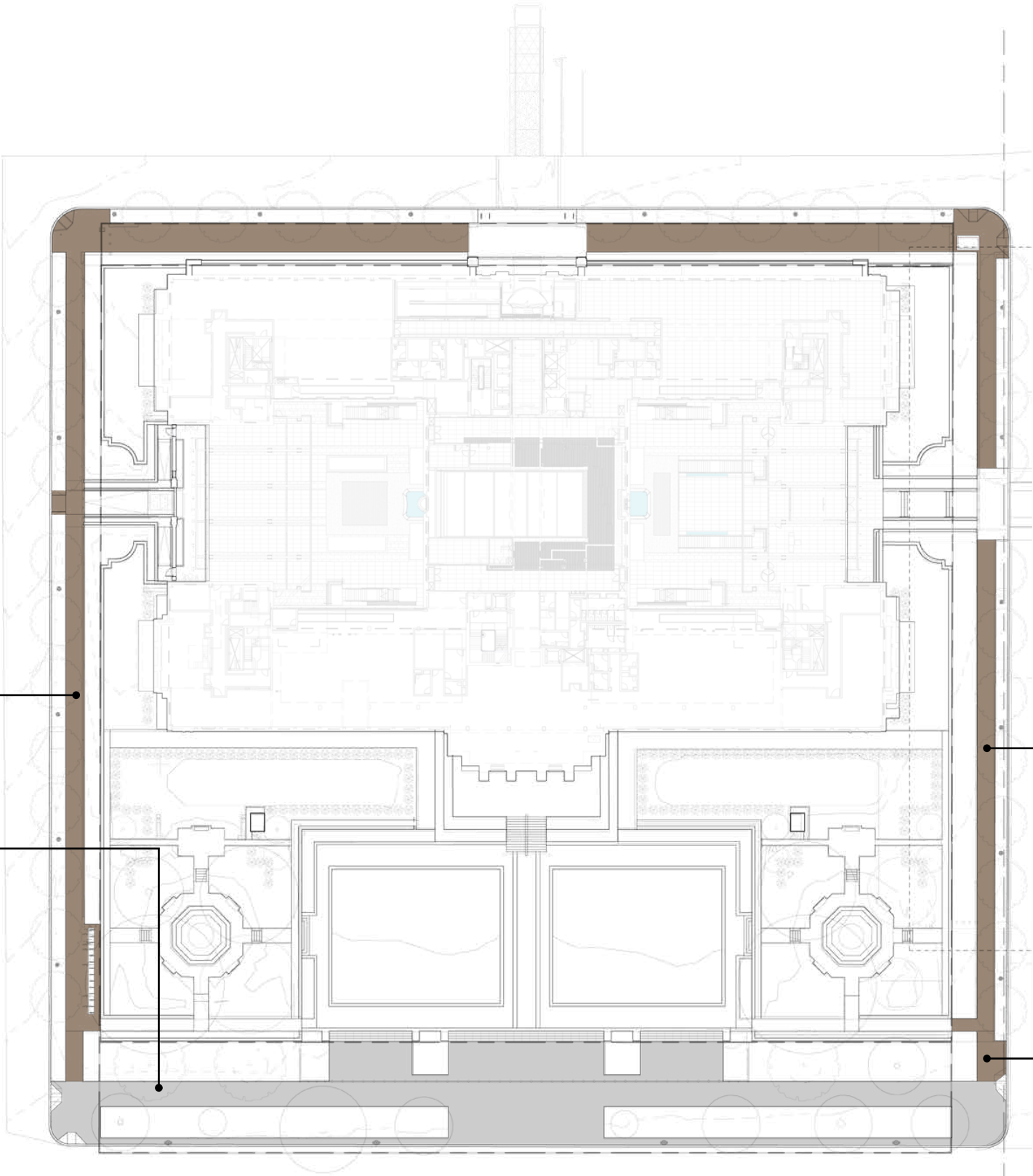
SITE WALL

LANDSCAPE MATERIALS - ECCLES

- CONCRETE
- EXPOSED AGGREGATE CONCRETE

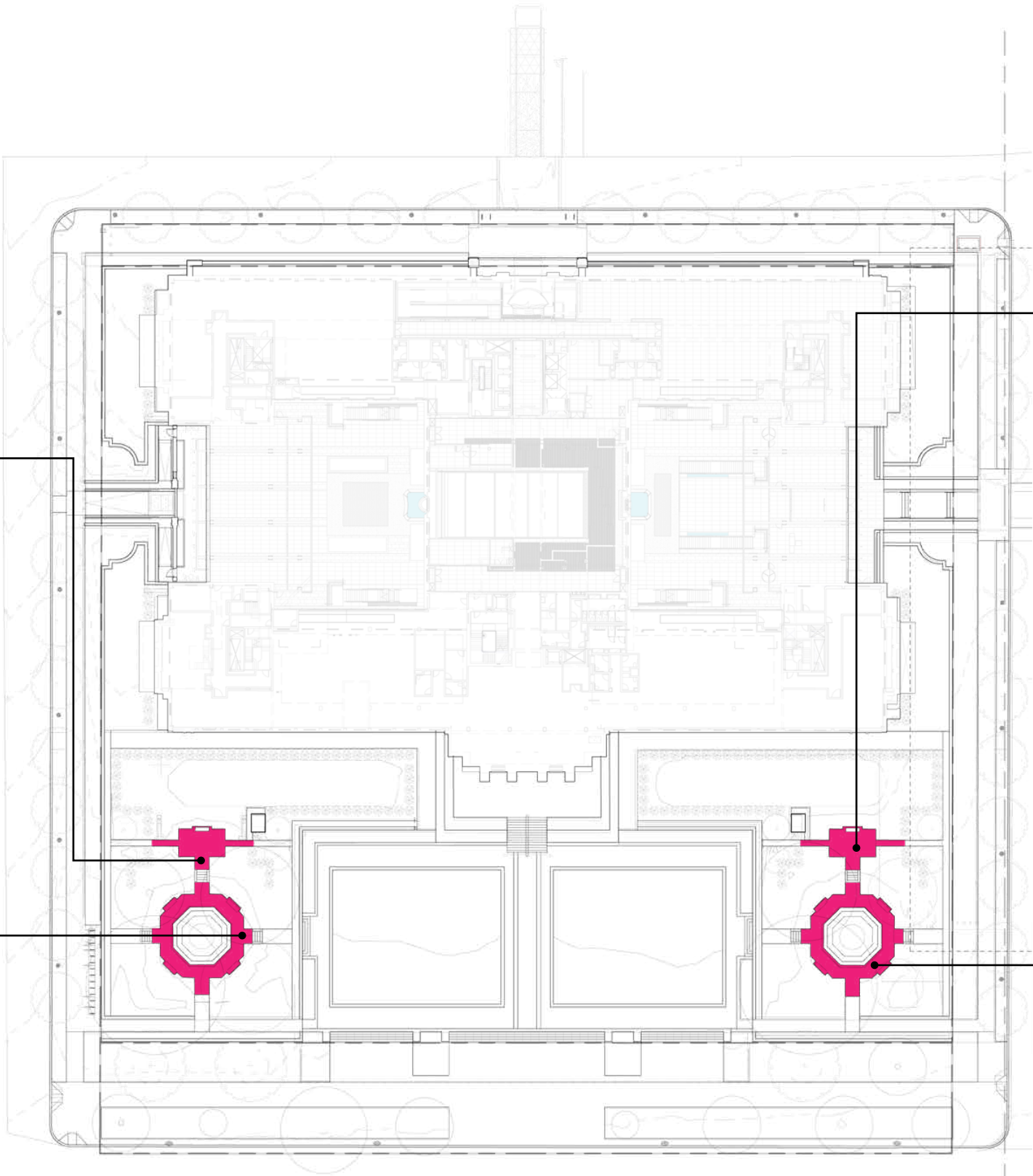


EXPOSED AGGREGATE CONCRETE



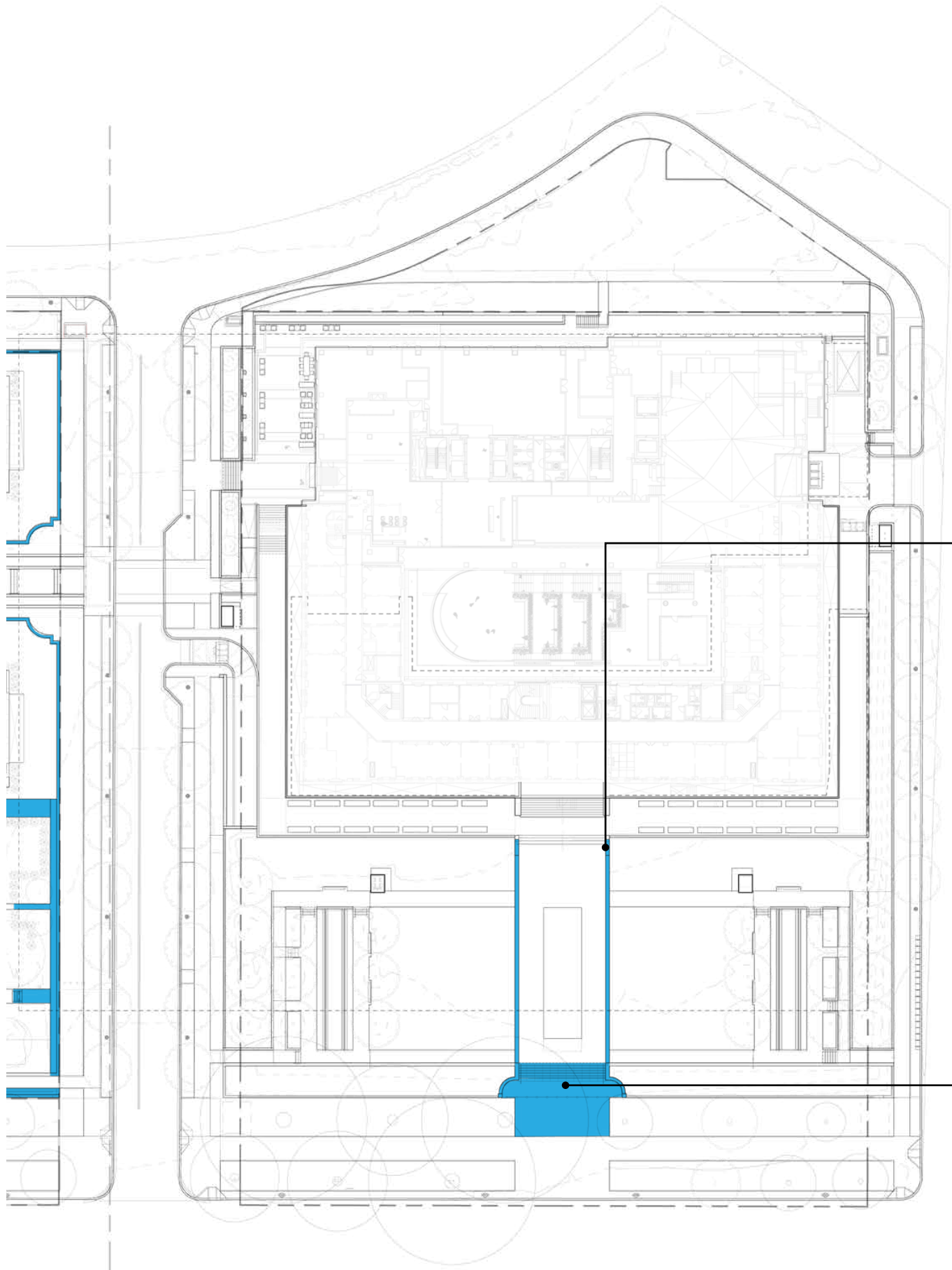
LANDSCAPE MATERIALS - ECCLES

MOSAIC PAVING



LANDSCAPE MATERIALS - ECCLES

MARBLE

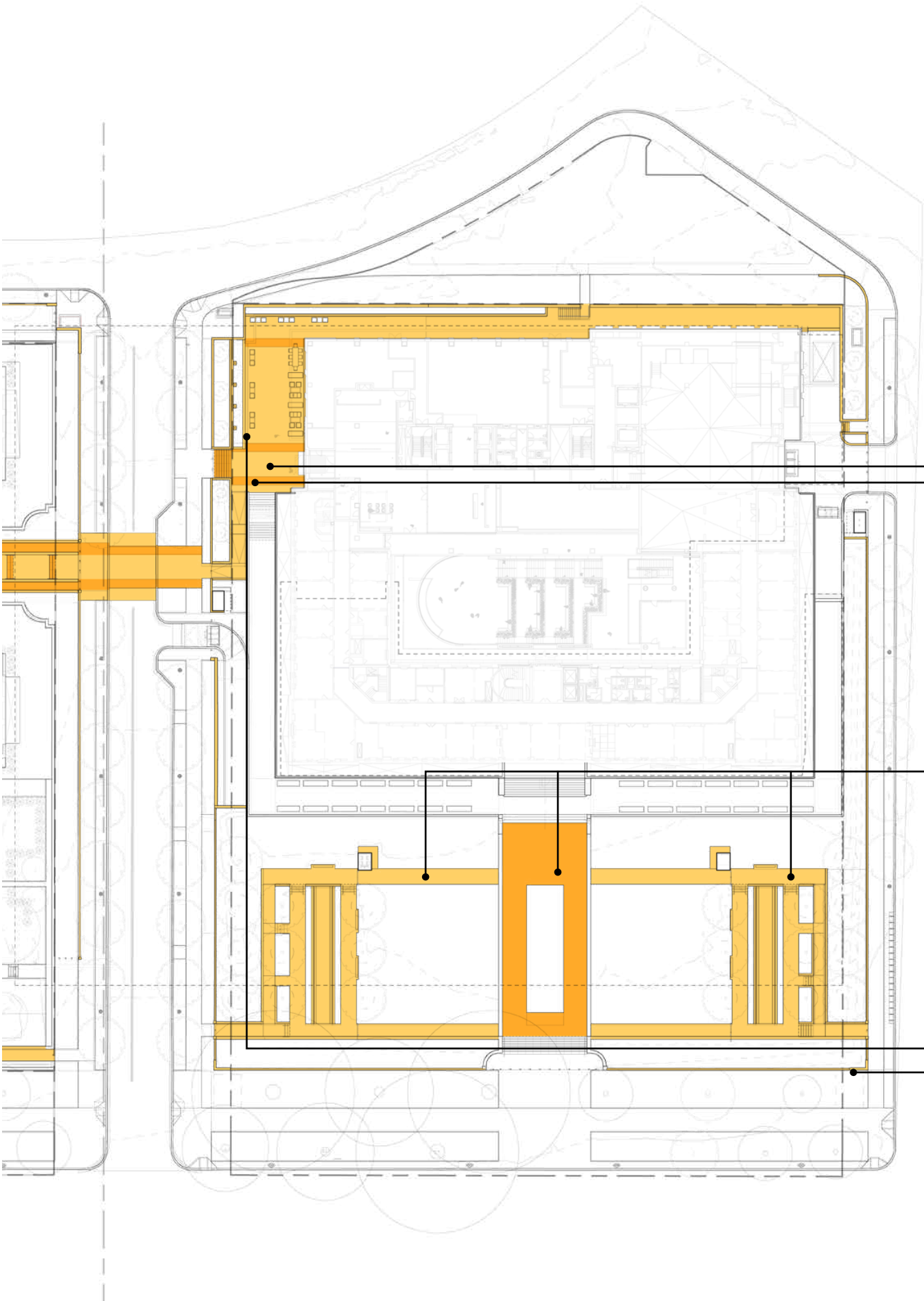


EXISTING MATERIALS



LANDSCAPE MATERIALS - 1951

■ GRANITE



PROPOSED MATERIALS



IRIDIAN
DIAMOND 10 FINISH

FIELD PAVING AT EN-
TRANCE PLAZA



CHARCOAL BLACK
TEXTURED FINISH

BAND PAVING AT EN-
TRANCE PLAZA AND
SOUTH LAWN

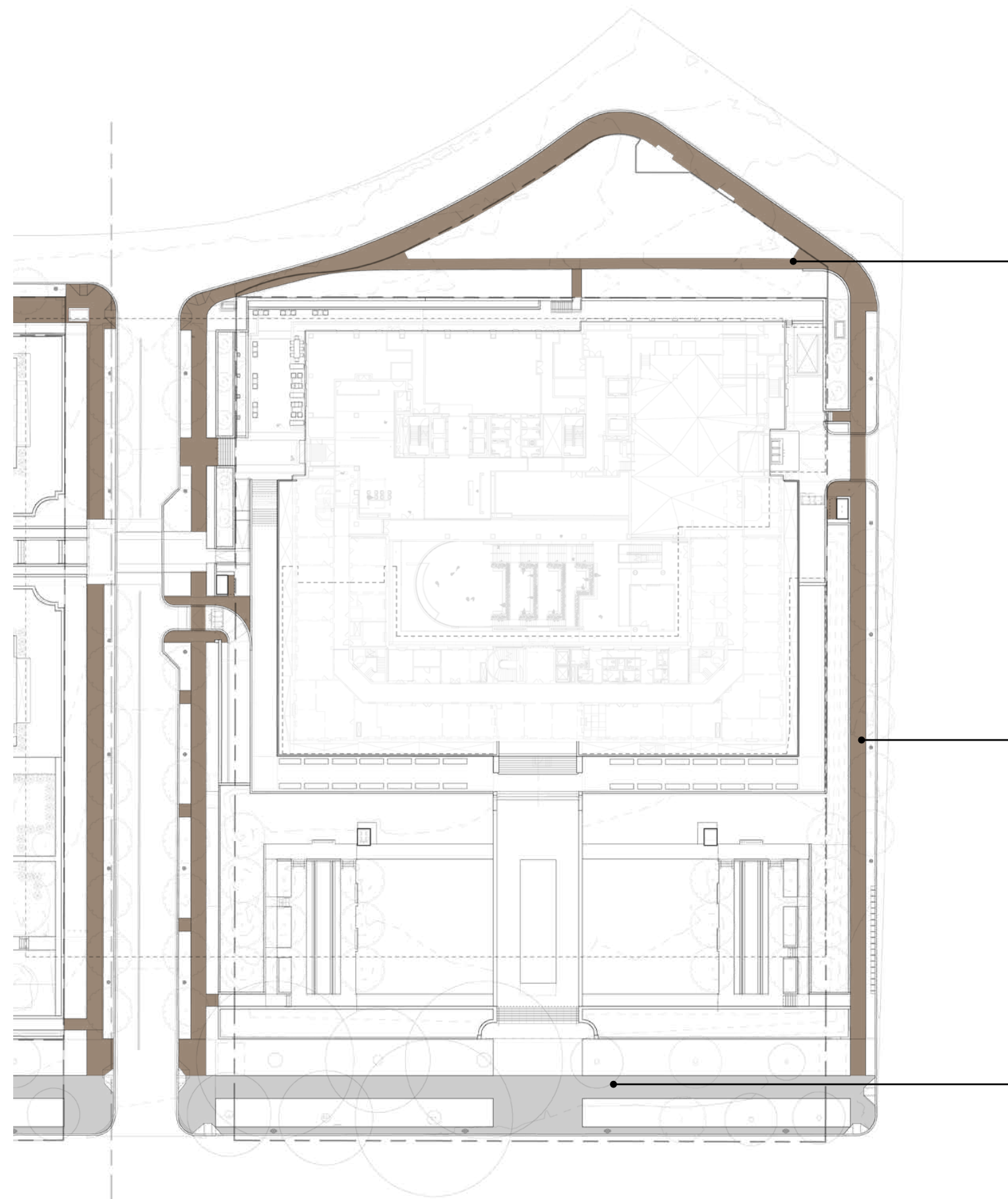


CHELMSFORD

SITE WALL AND
PERIMETER SECURITY
WALL

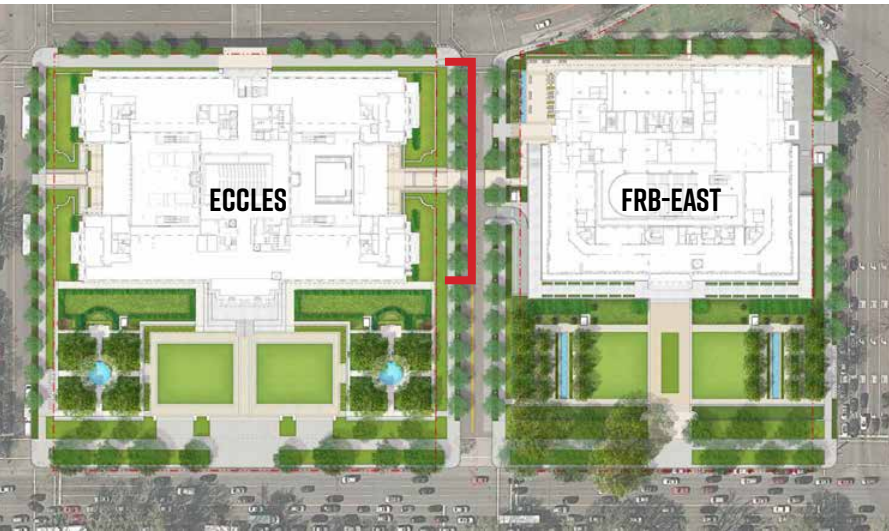
LANDSCAPE MATERIALS - 1951

- CONCRETE
- EXPOSED AGGREGATE CONCRETE



EXPOSED AGGREGATE CONCRETE

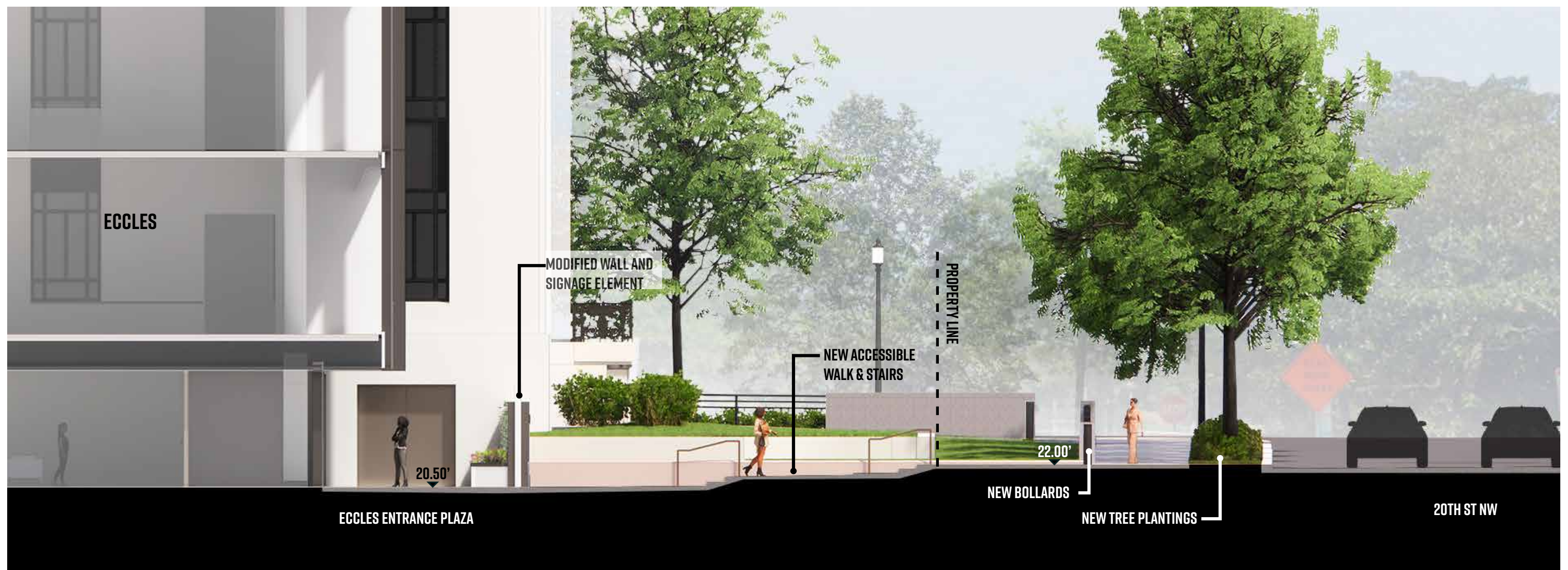
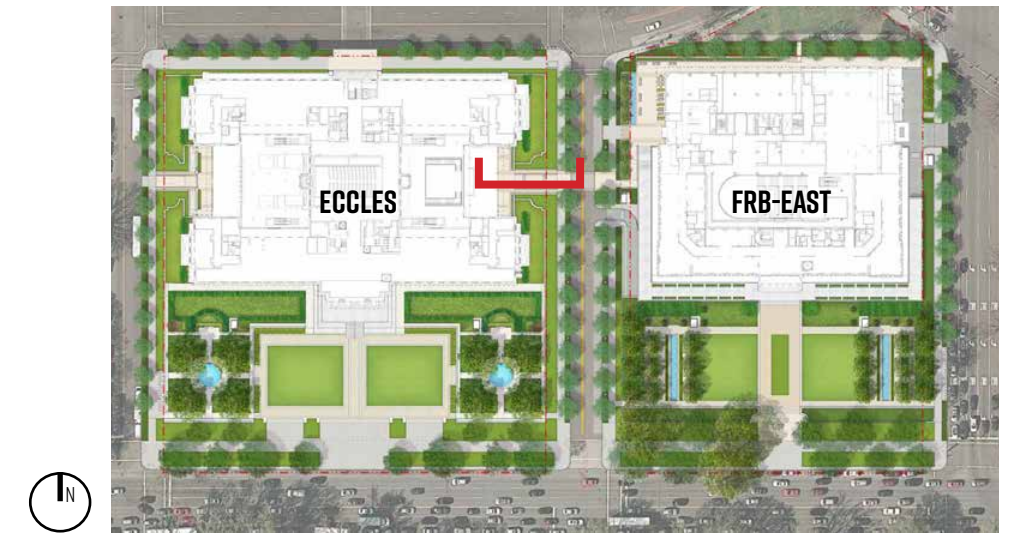
LANDSCAPE MATERIALS - 1951



SCALE: 1" = 20'-0"

0 10 20 40

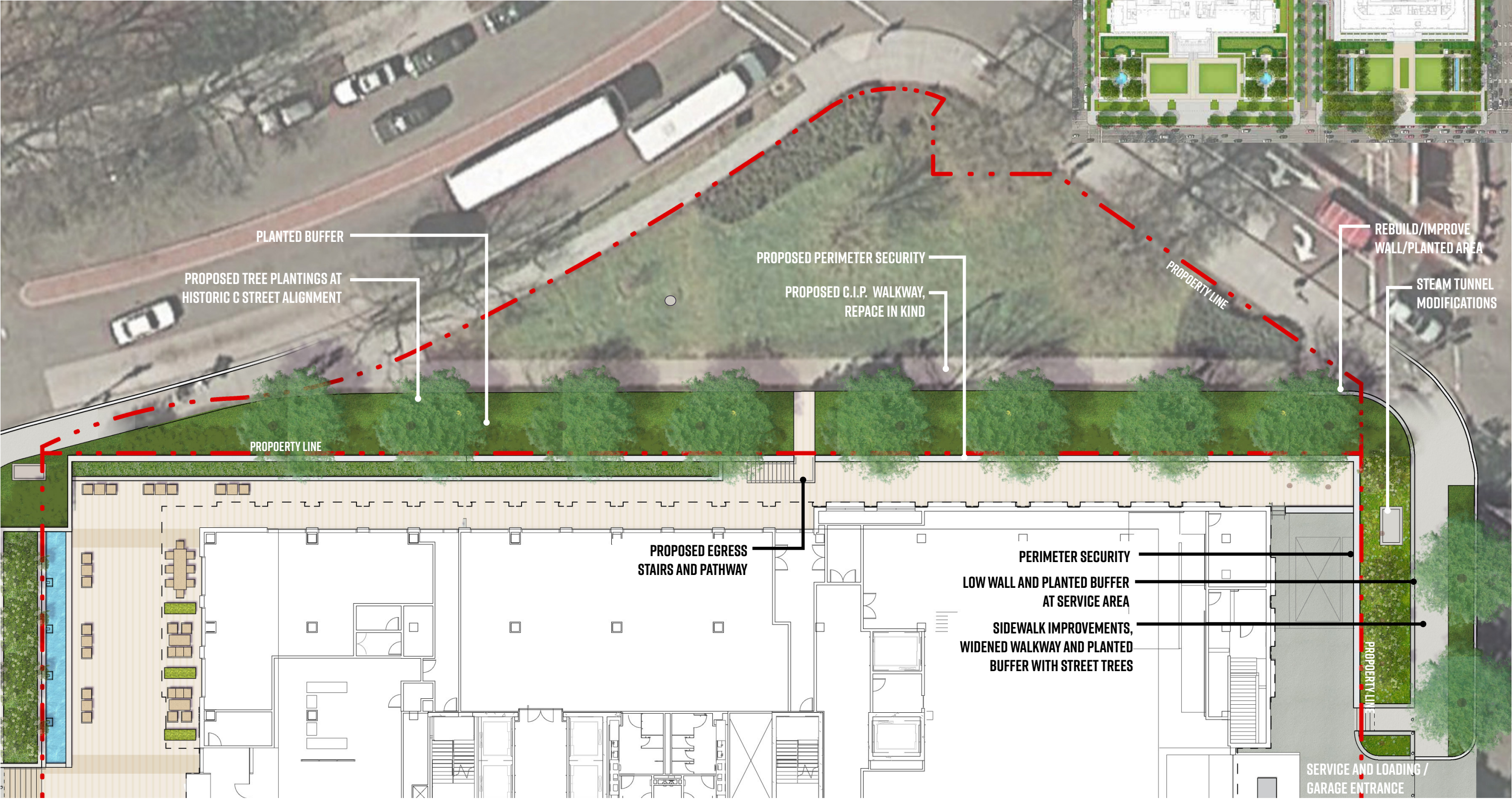
ECCLES | STAFF ENTRANCE ELEVATION AT 20TH ST NW



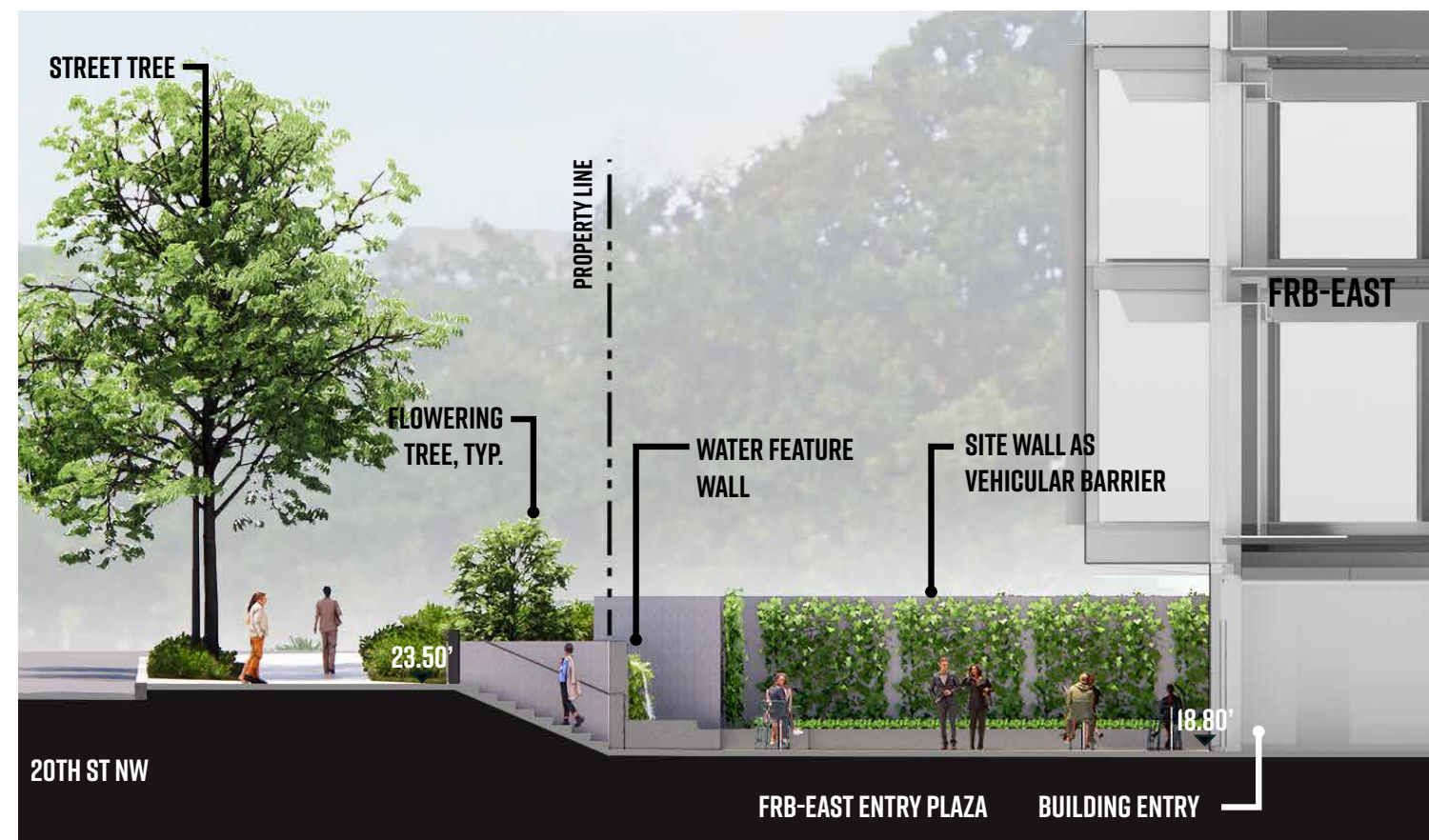
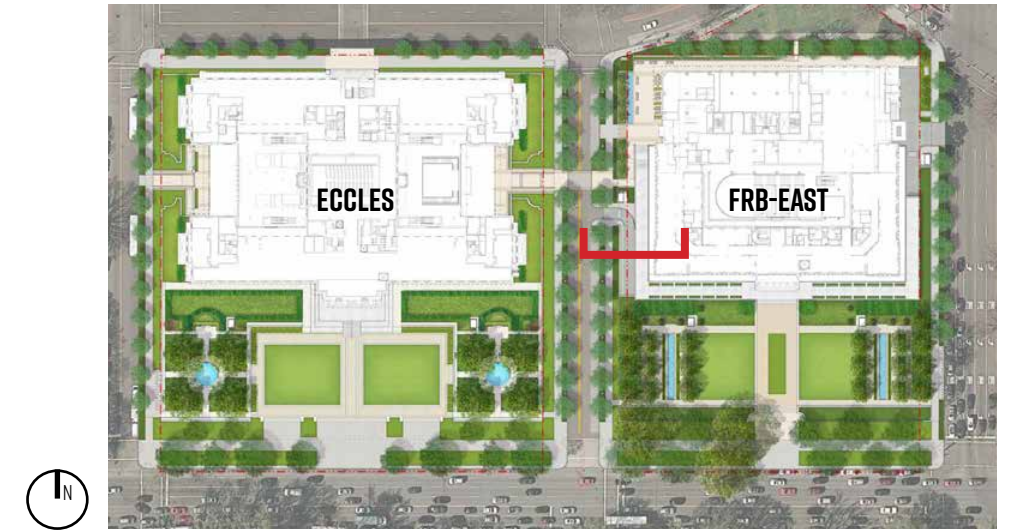
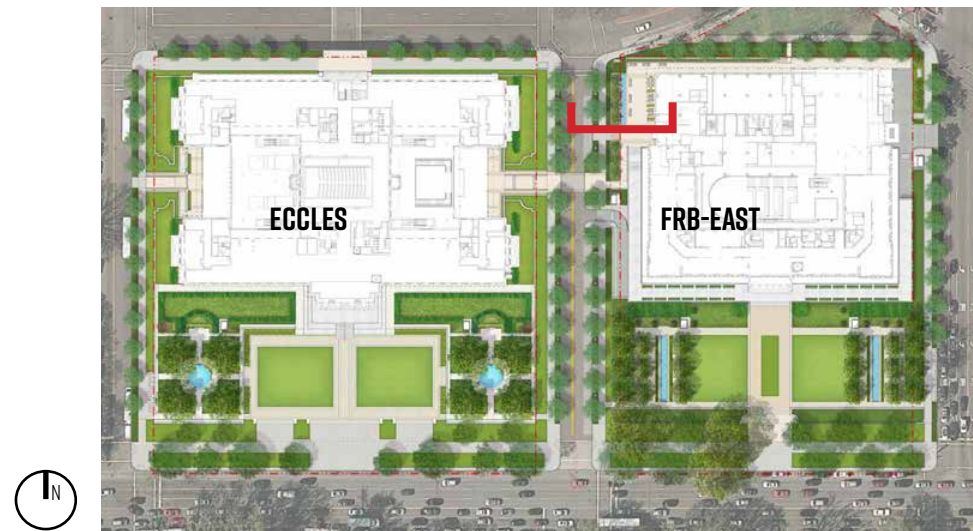
ECCLES | STAFF ENTRANCE SECTION - EAST/WEST



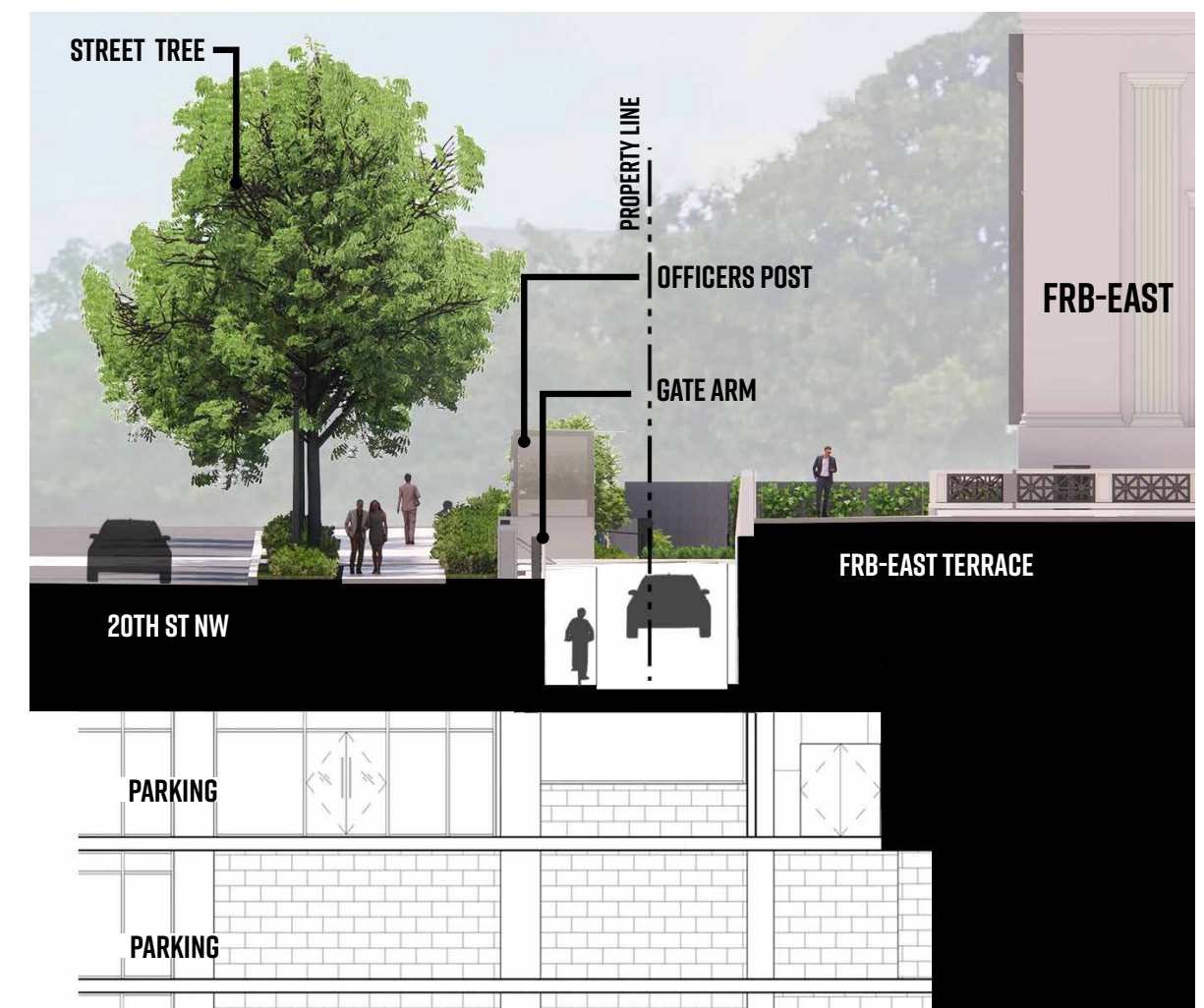
ECCLES - CONSTITUTION AVENUE LOOKING NORTH AND EAST



FRB-EAST | NATIONAL PARK SERVICE TRIANGLE ENLARGEMENT PLAN



FRB-East | Section at 20th St NW Looking North



FRB-East | Section at 20th St NW Looking North at gargage exit ramp

FRB-EAST | SECTIONS



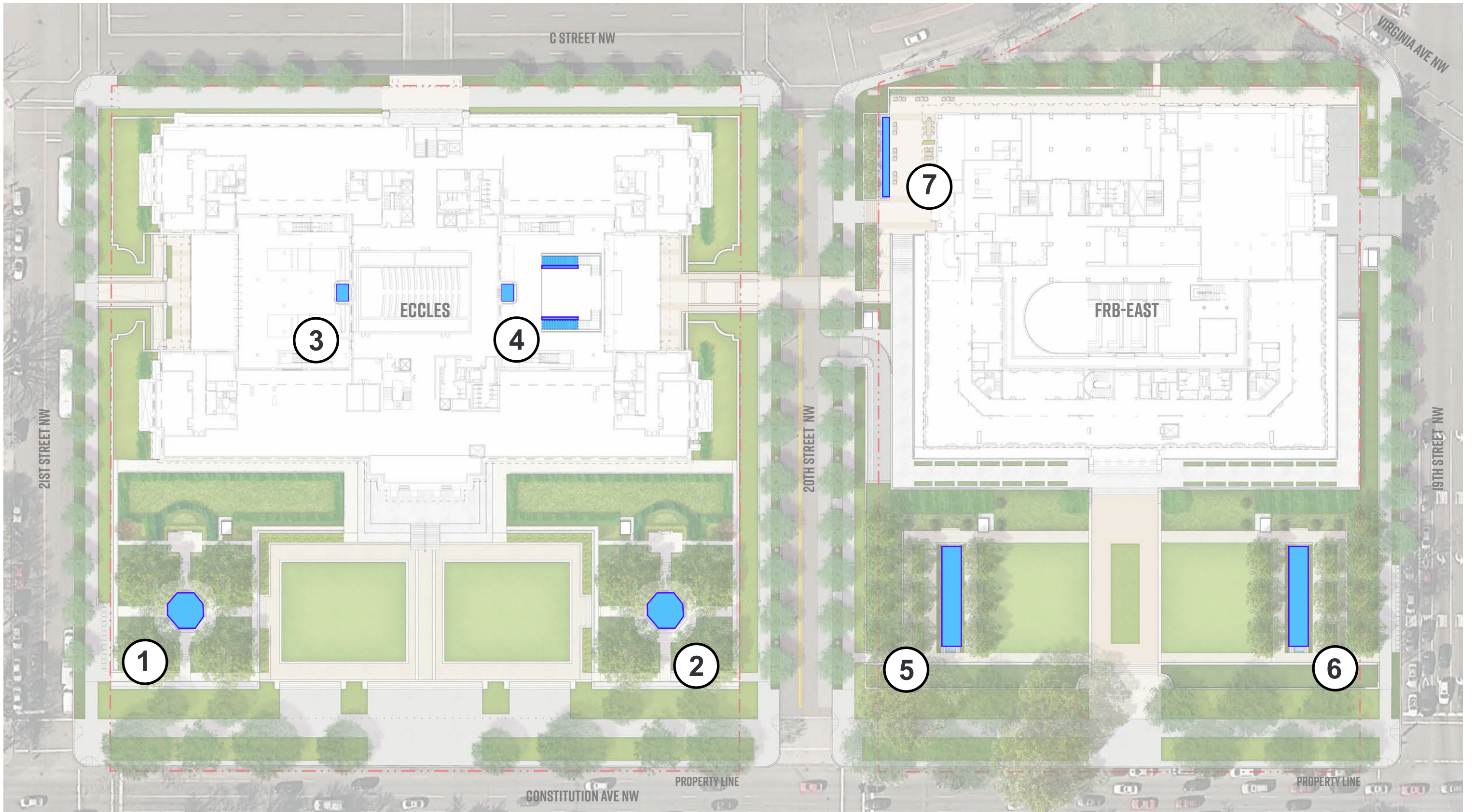
FRB-East | Signage at 20th St NW Connection / Building Entry



FRB-EAST | MAIN ENTRANCE ELEVATION - NORTH/SOUTH

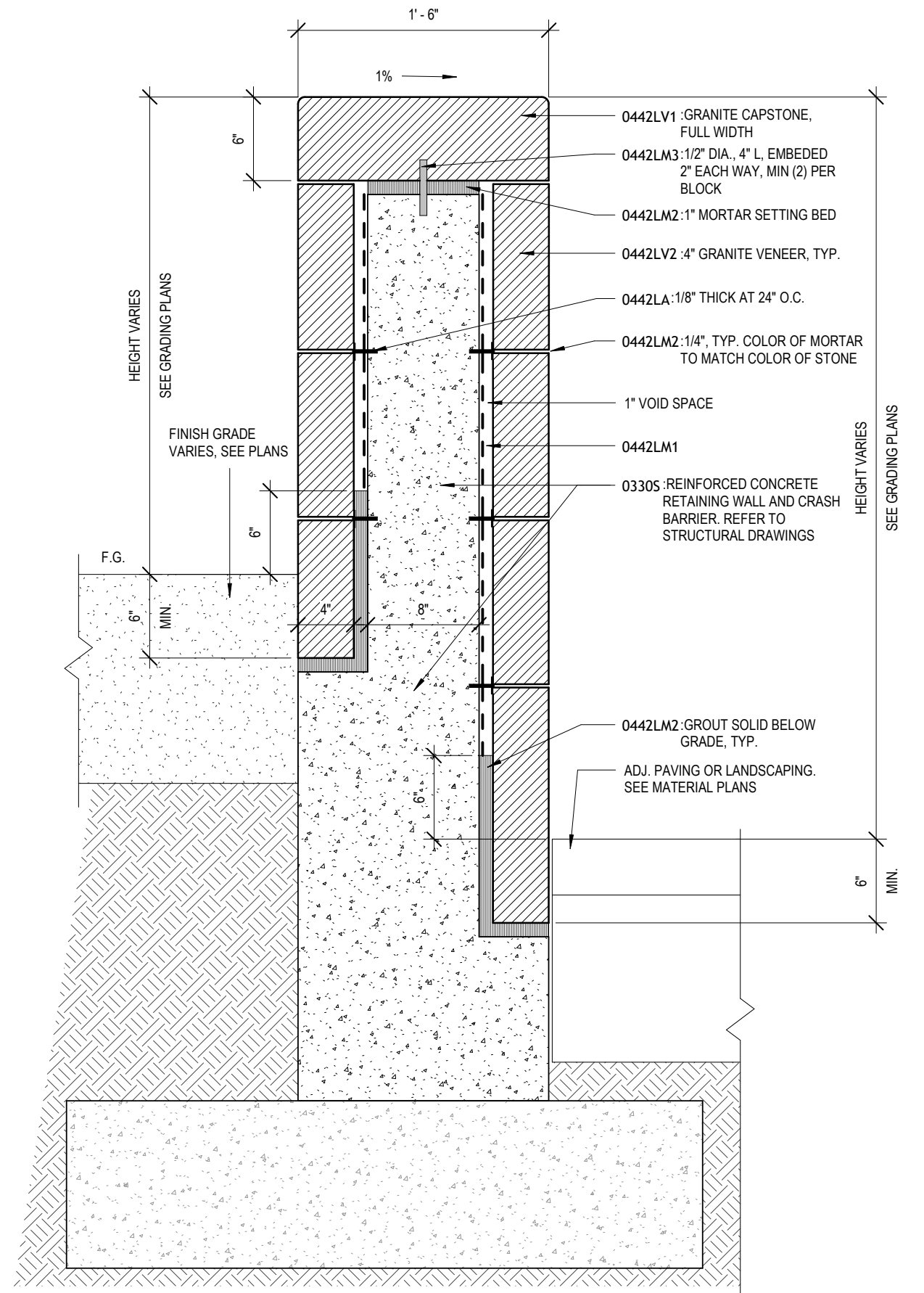
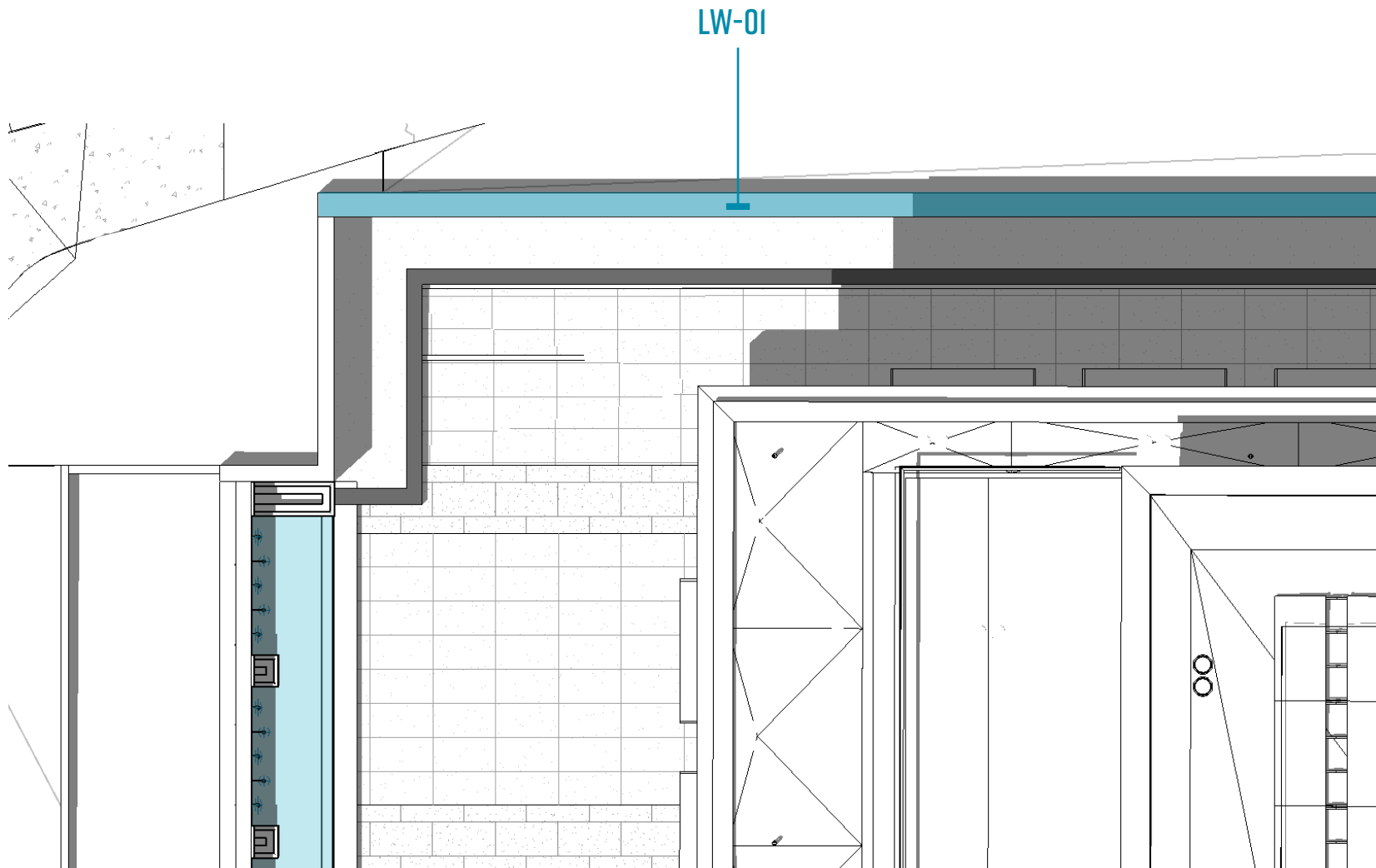


FRB-EAST | ENTRANCE PLAZA PERSPECTIVE VIEWS



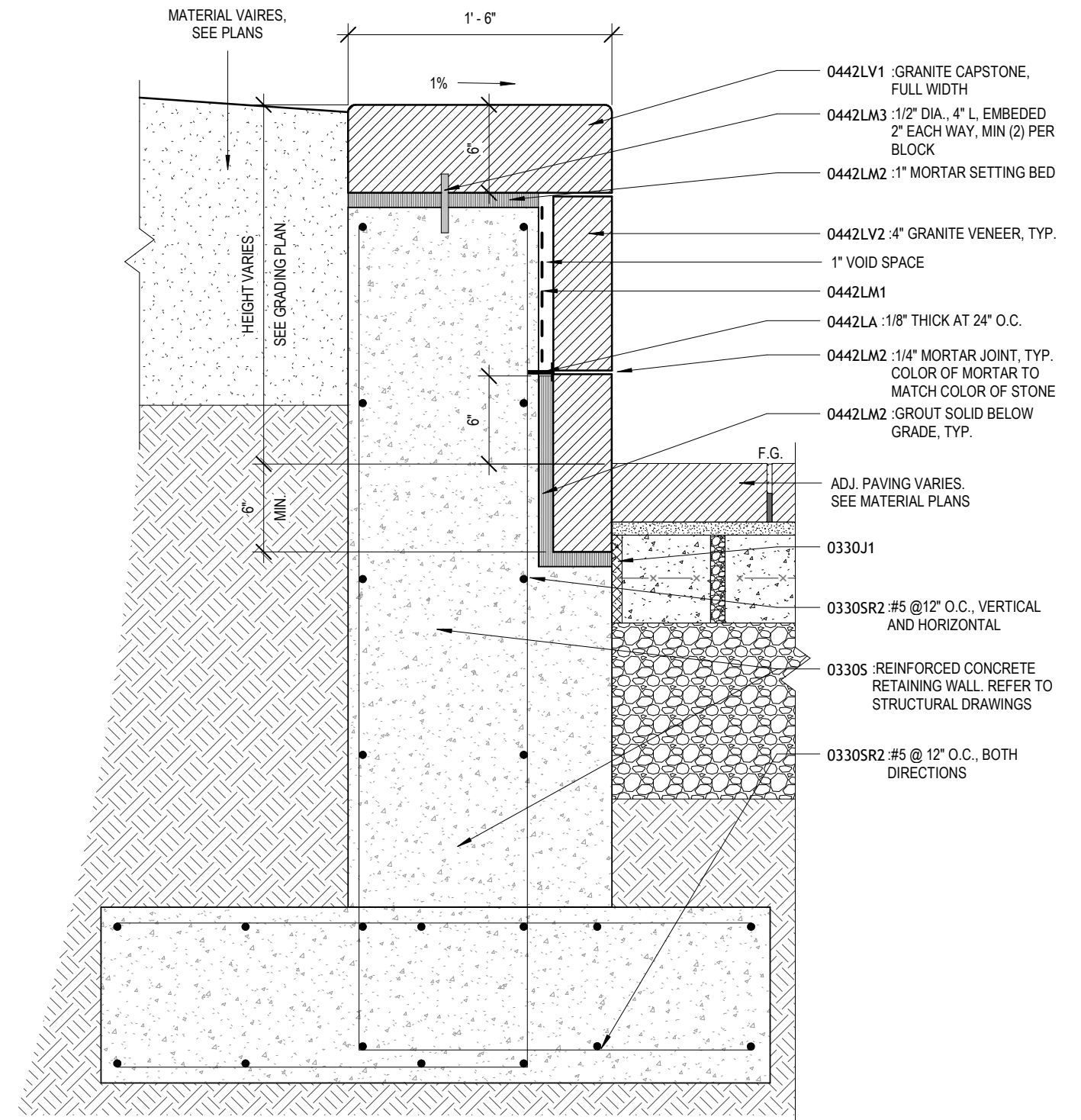
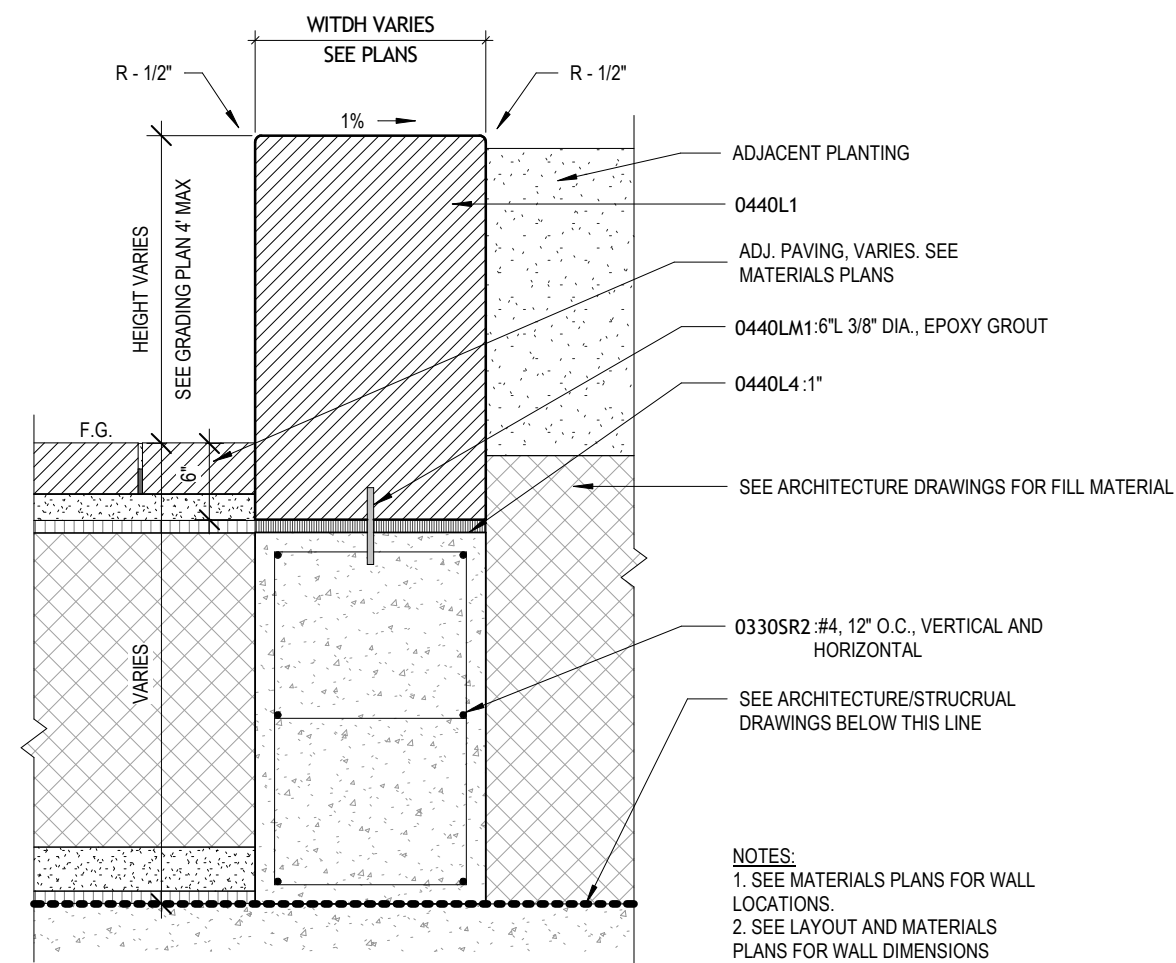
OVERALL WATER FEATURE PLAN

8.6 ECCLES/FRB EAST LANDSCAPE DETAILS



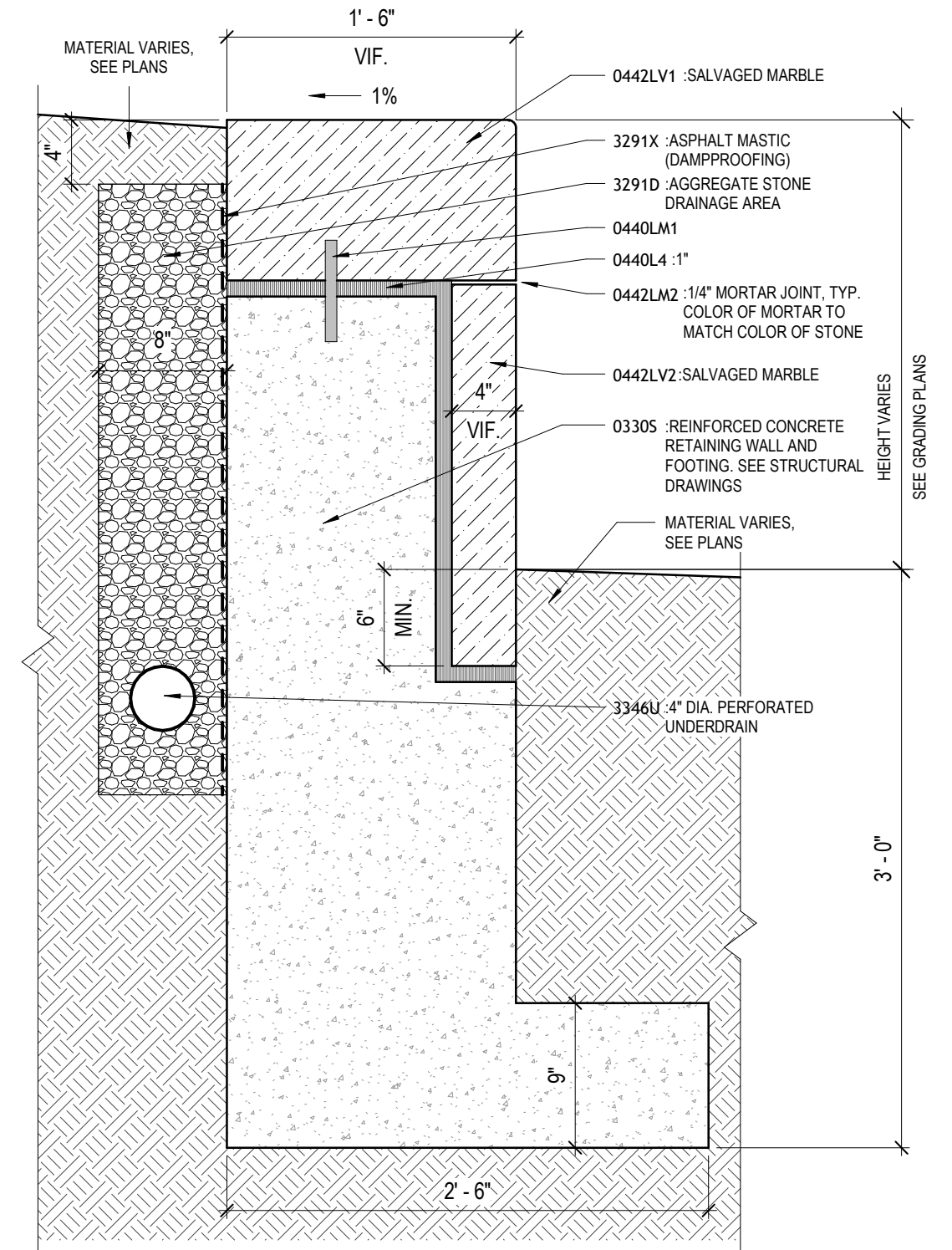
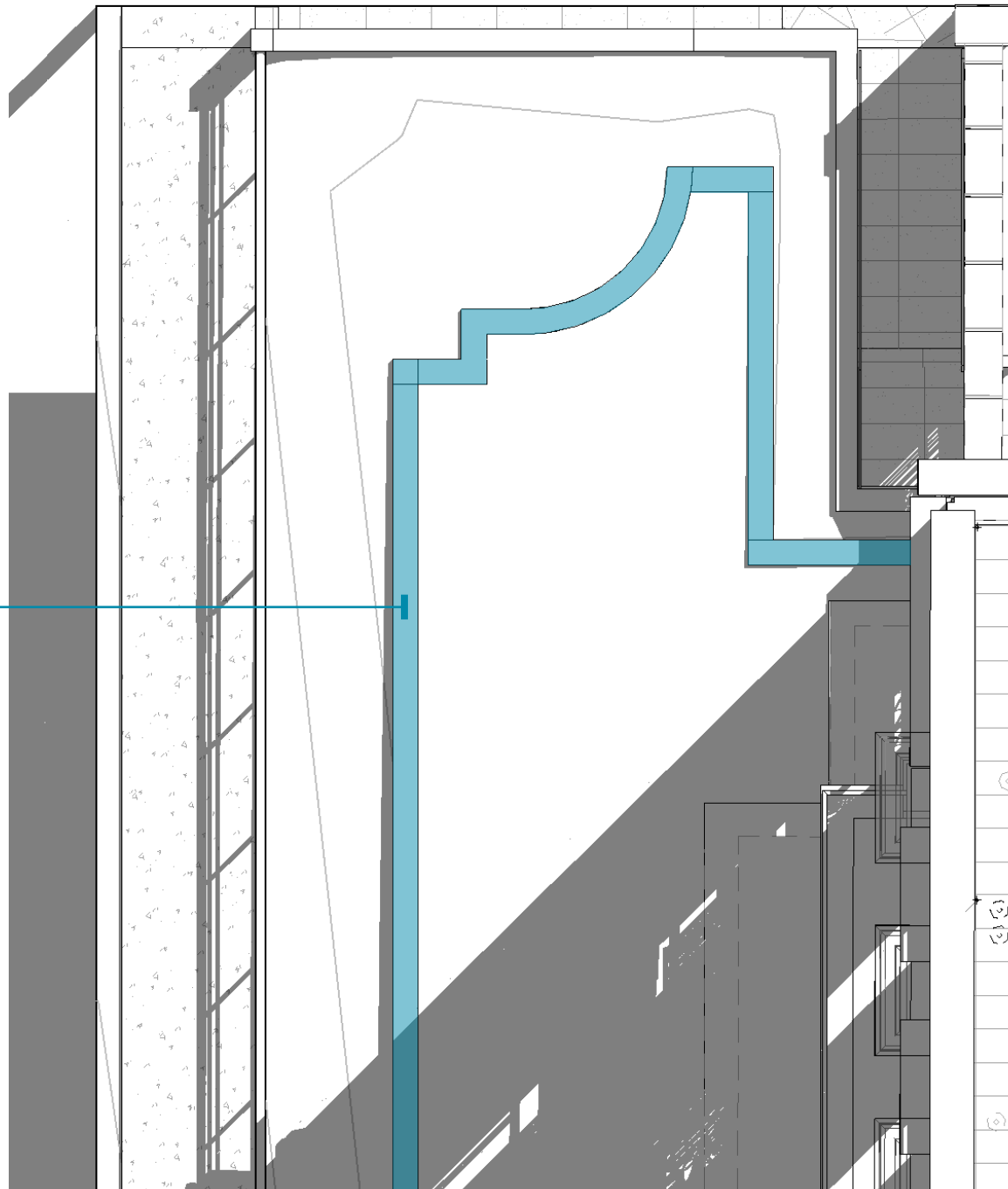
LW-01 GRANITE CLAD RETAINING CRASH BARRIER

TYPICAL DETAILS - WALLS



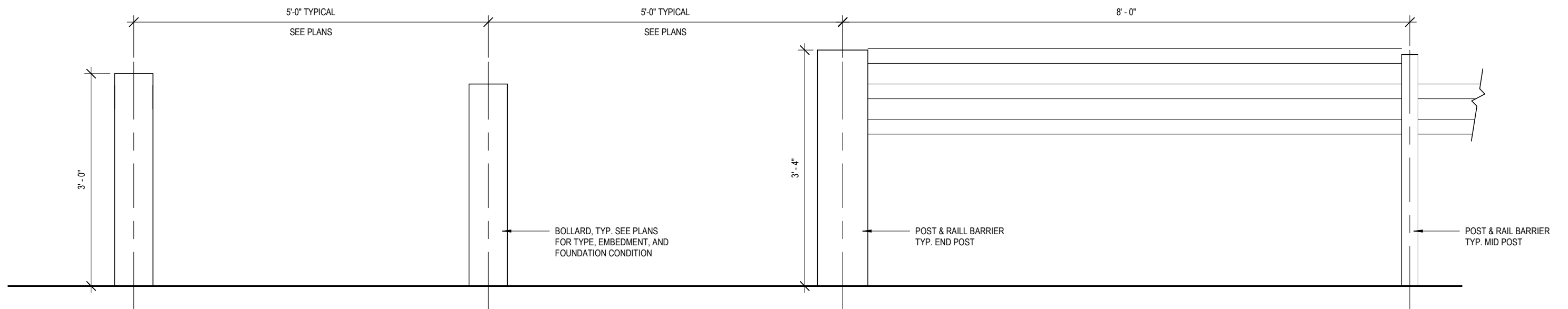
TYPICAL DETAILS - WALLS

LW-20



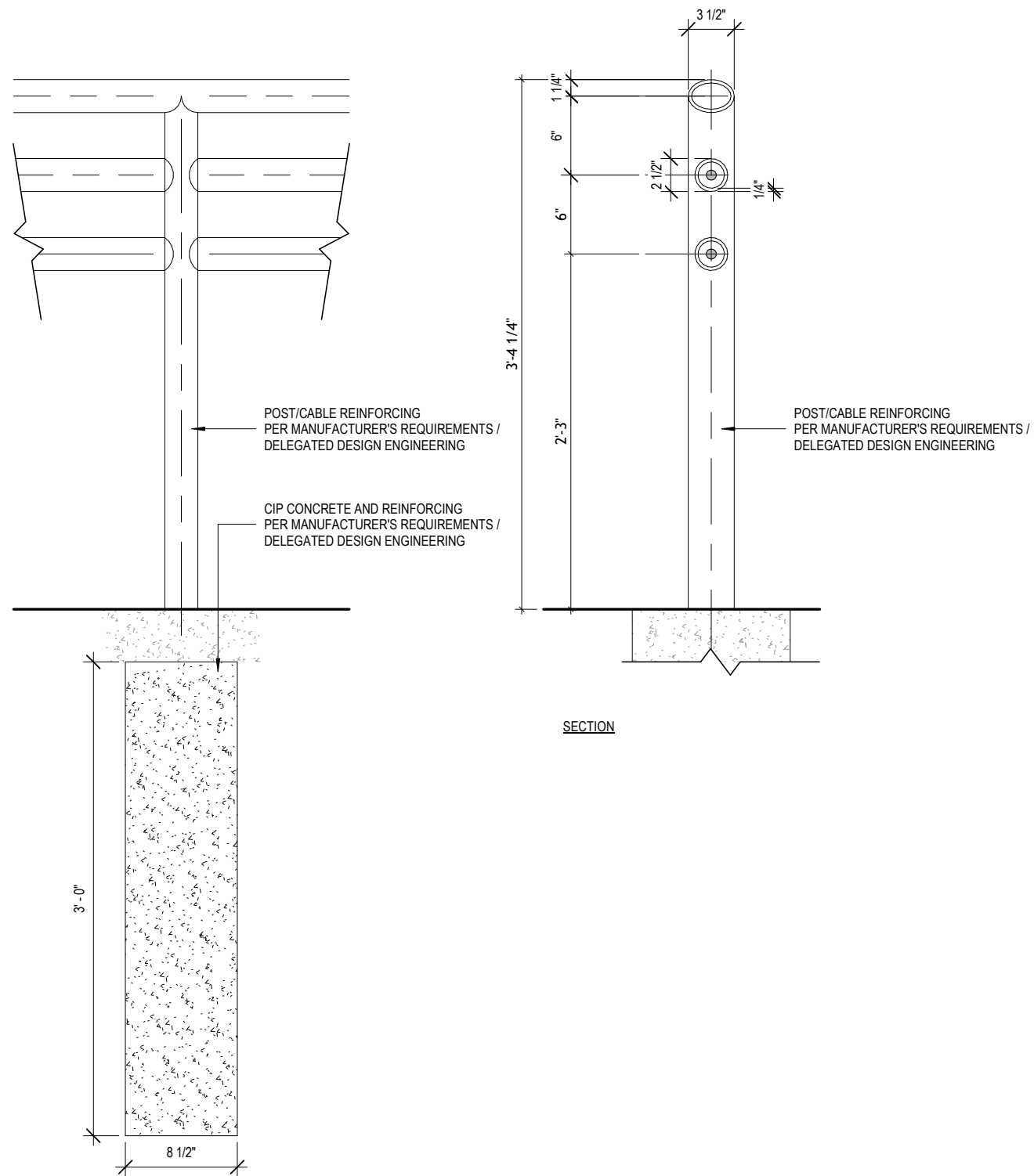
LW-20 - MARBLE RESET WALL

TYPICAL DETAILS - WALLS

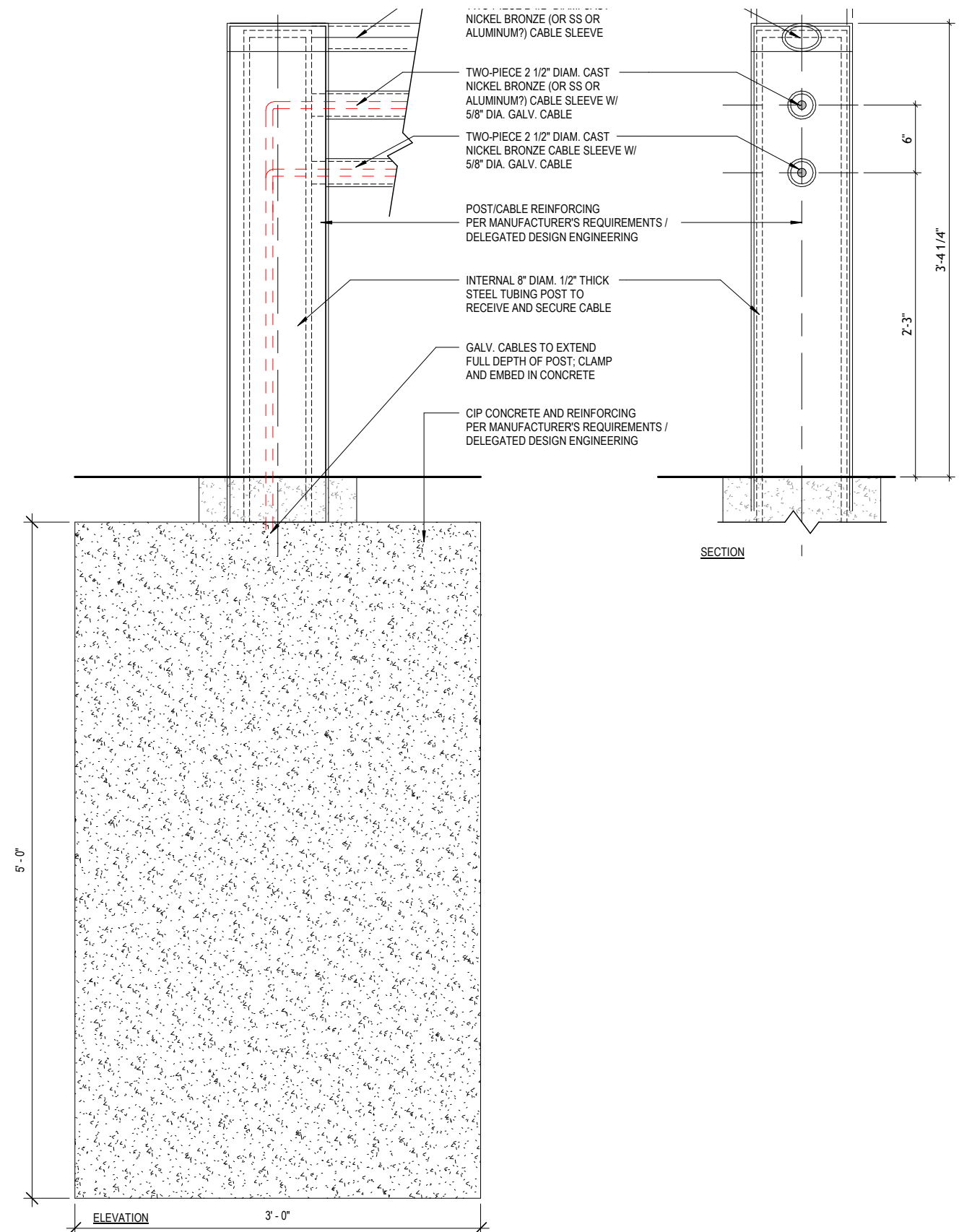


TYP. POST & RAIL BARRIER SET-OUT - ELEVATION (DELEGATED DESIGN)

TYPICAL DETAILS - PERIMETER SECURITY

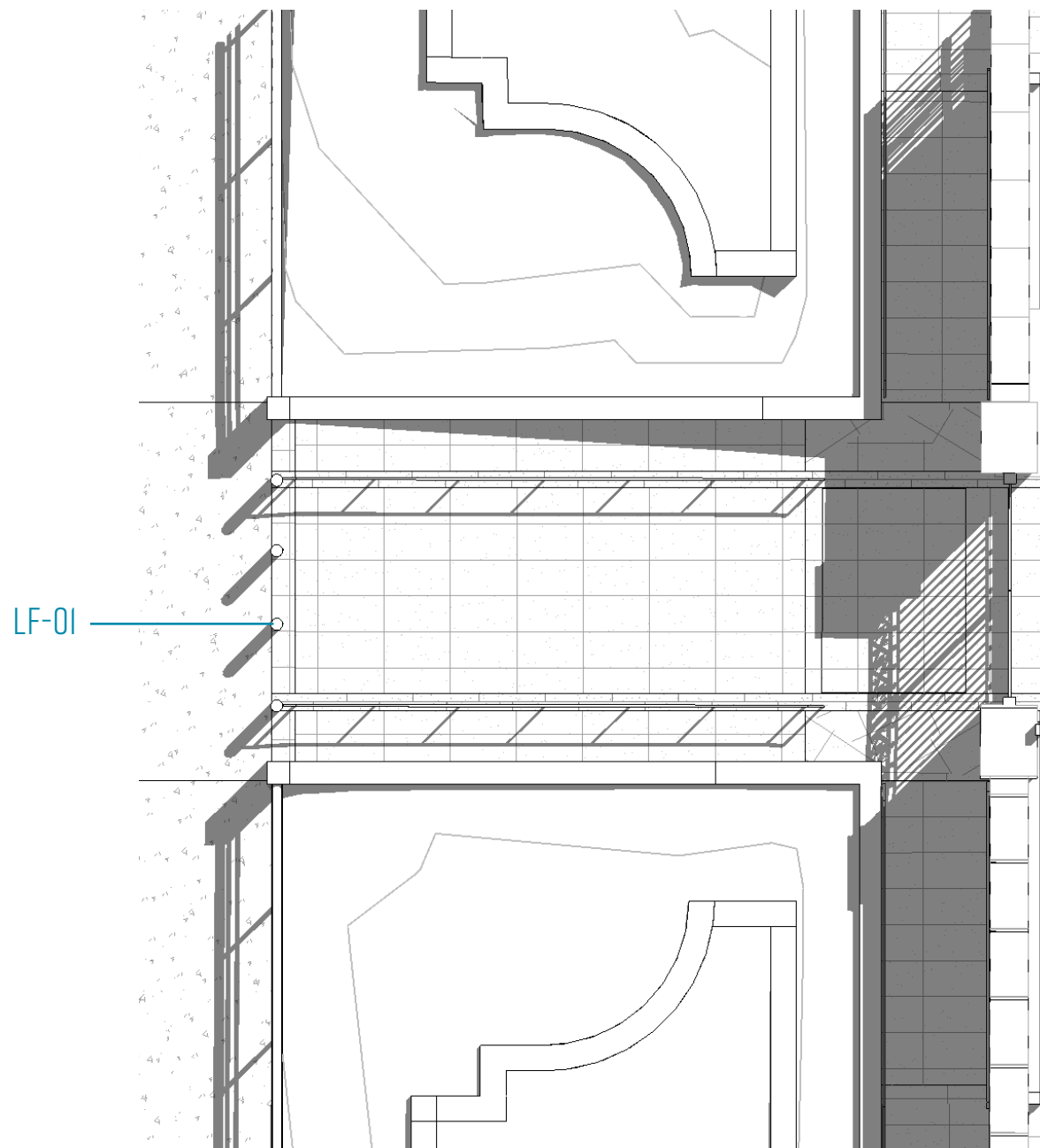


LF-20 POST & RAIL BARRIER - TYP. MID-POST (DELEGATED DESIGN)



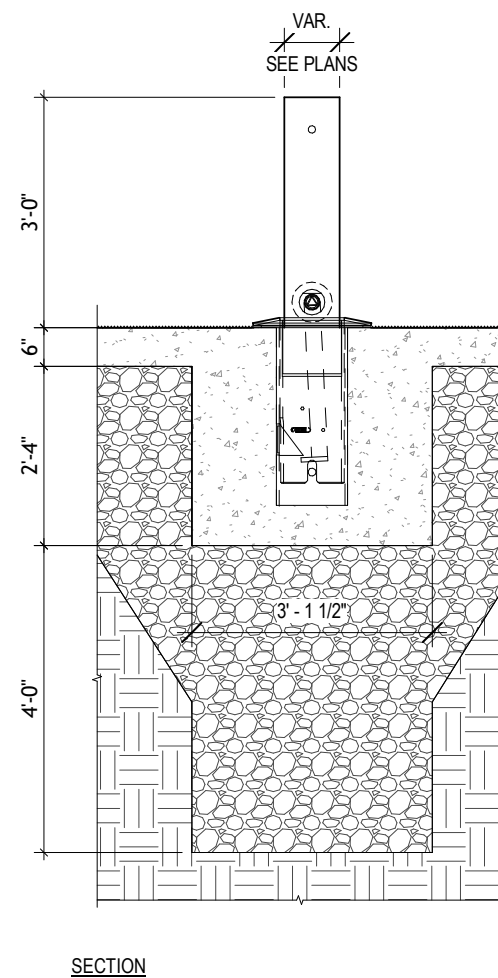
LF-20 POST & RAIL BARRIER - TYP. END-POST (DELEGATED DESIGN)

TYPICAL DETAILS - PERIMETER SECURITY

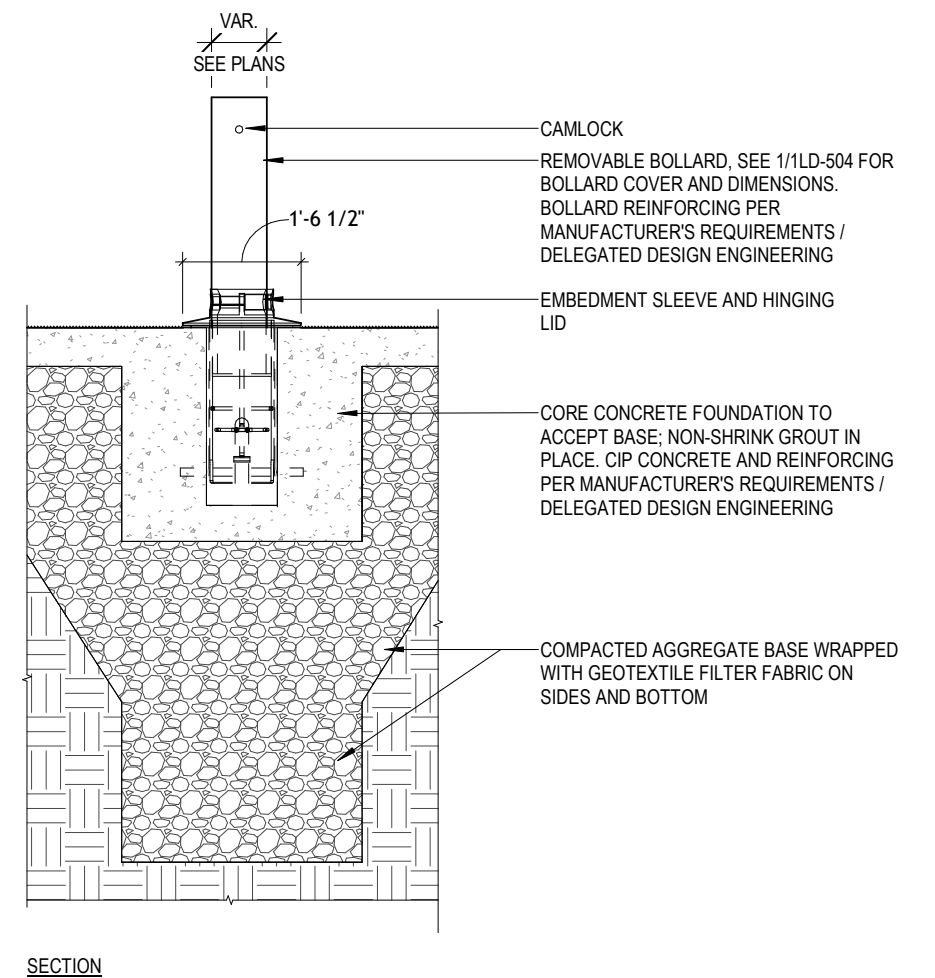


LF-01

ECCLES WEST ENTRANCE



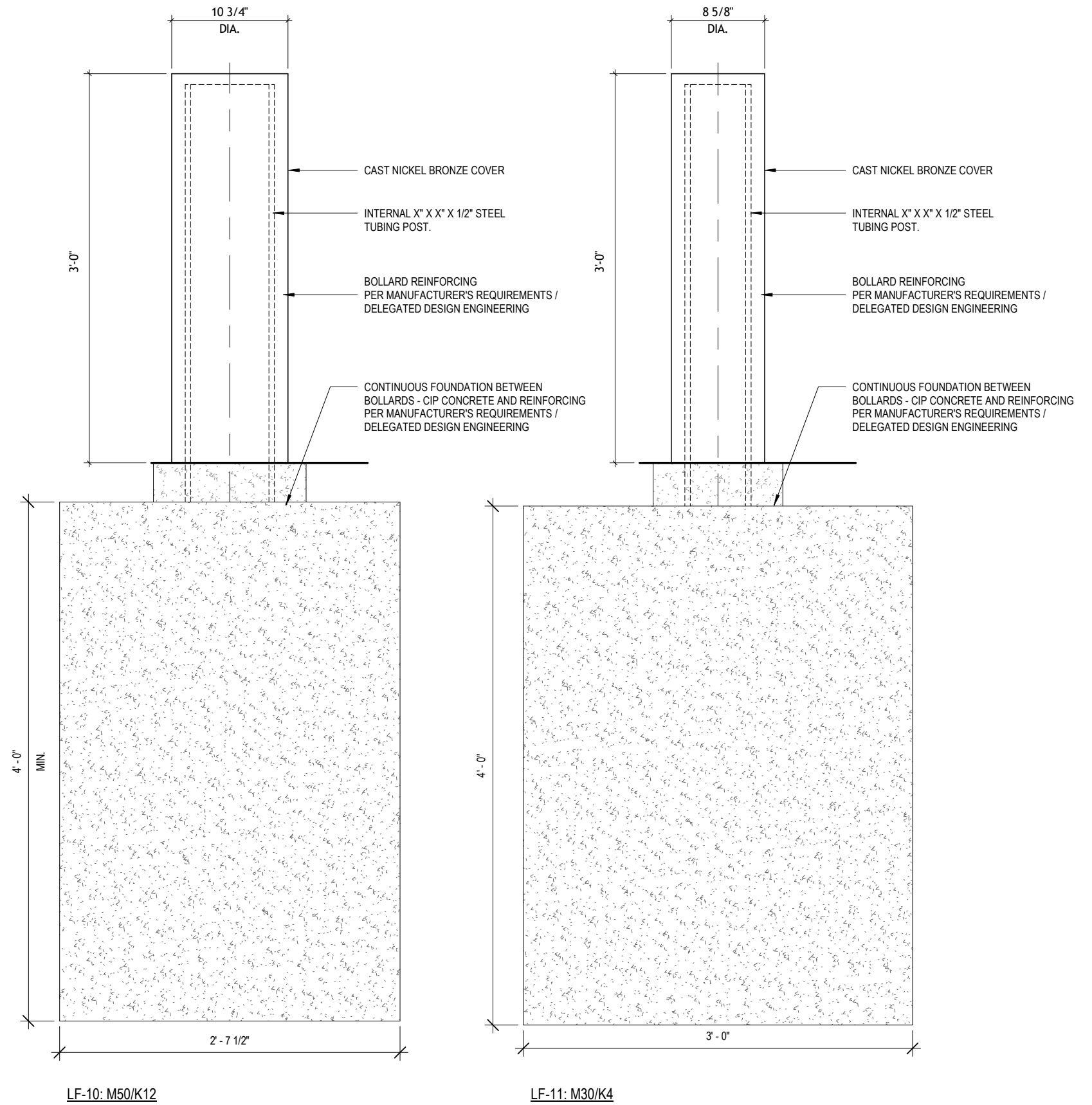
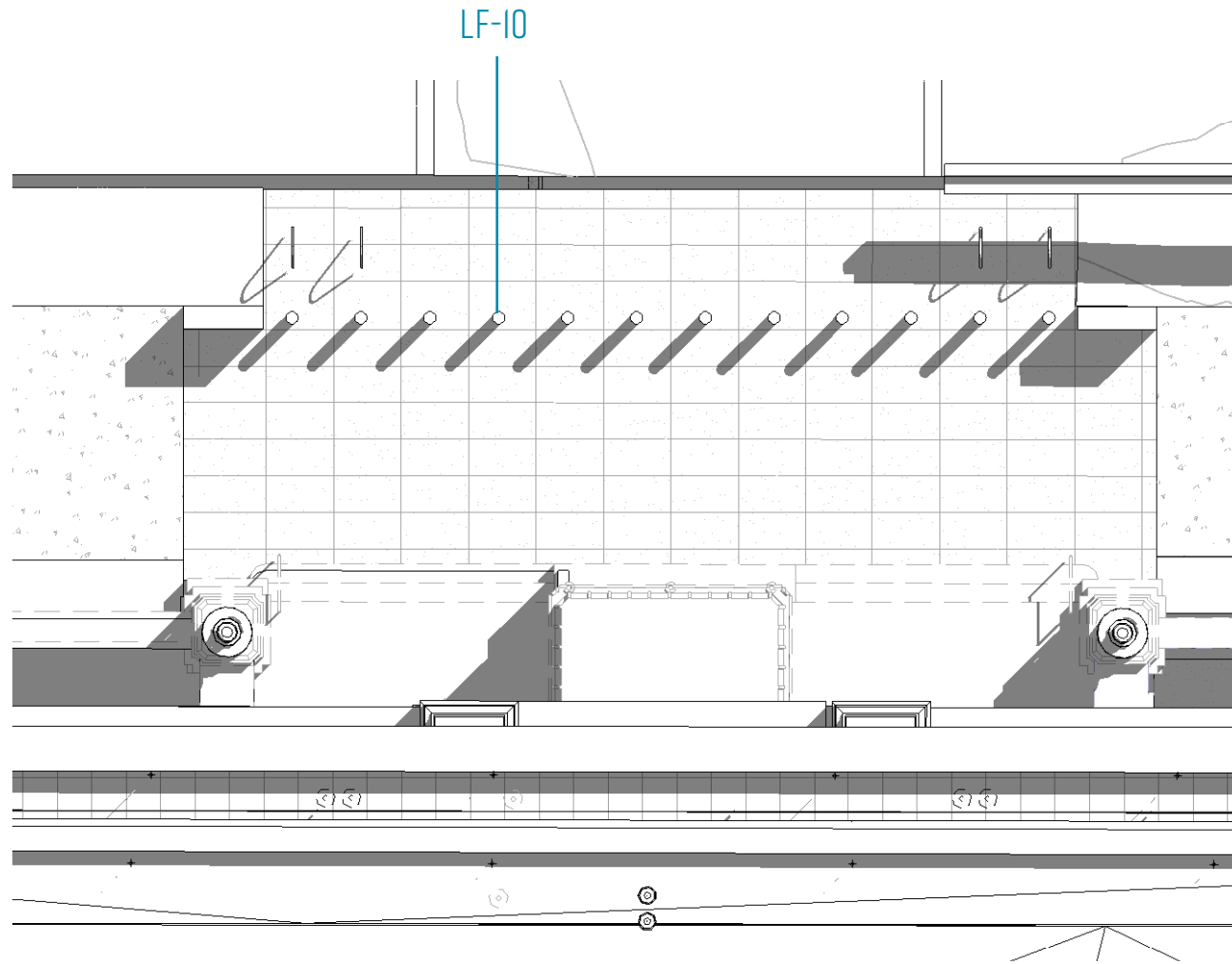
SECTION



SECTION

LF-01 REMOVABLE BOLLARD (DELEGATED DESIGN)

TYPICAL DETAILS - PERIMETER SECURITY



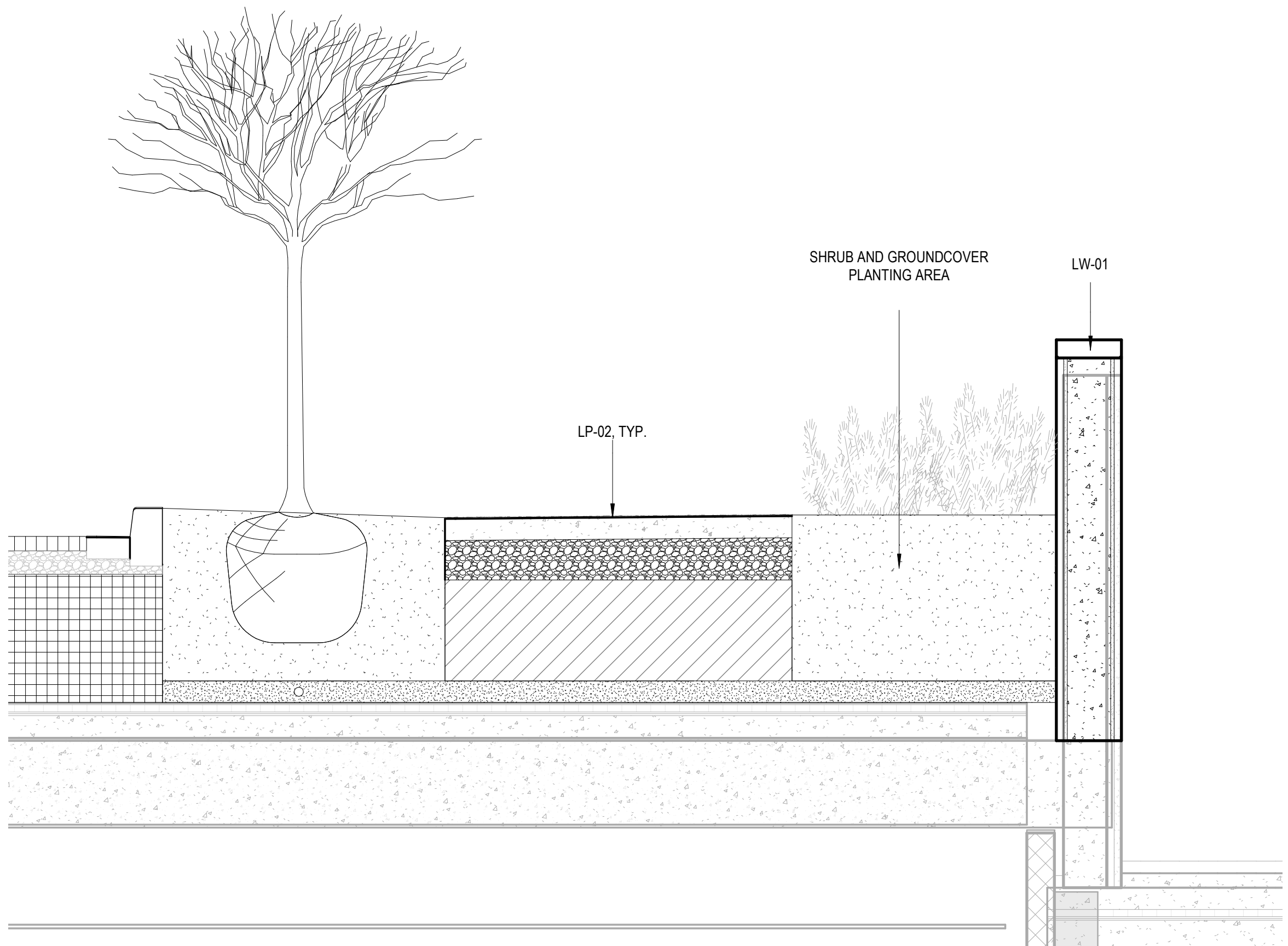
ECCLES BUILDING, NORTH

TYPICAL DETAILS - PERIMETER SECURITY

SEPTEMBER 15, 2021

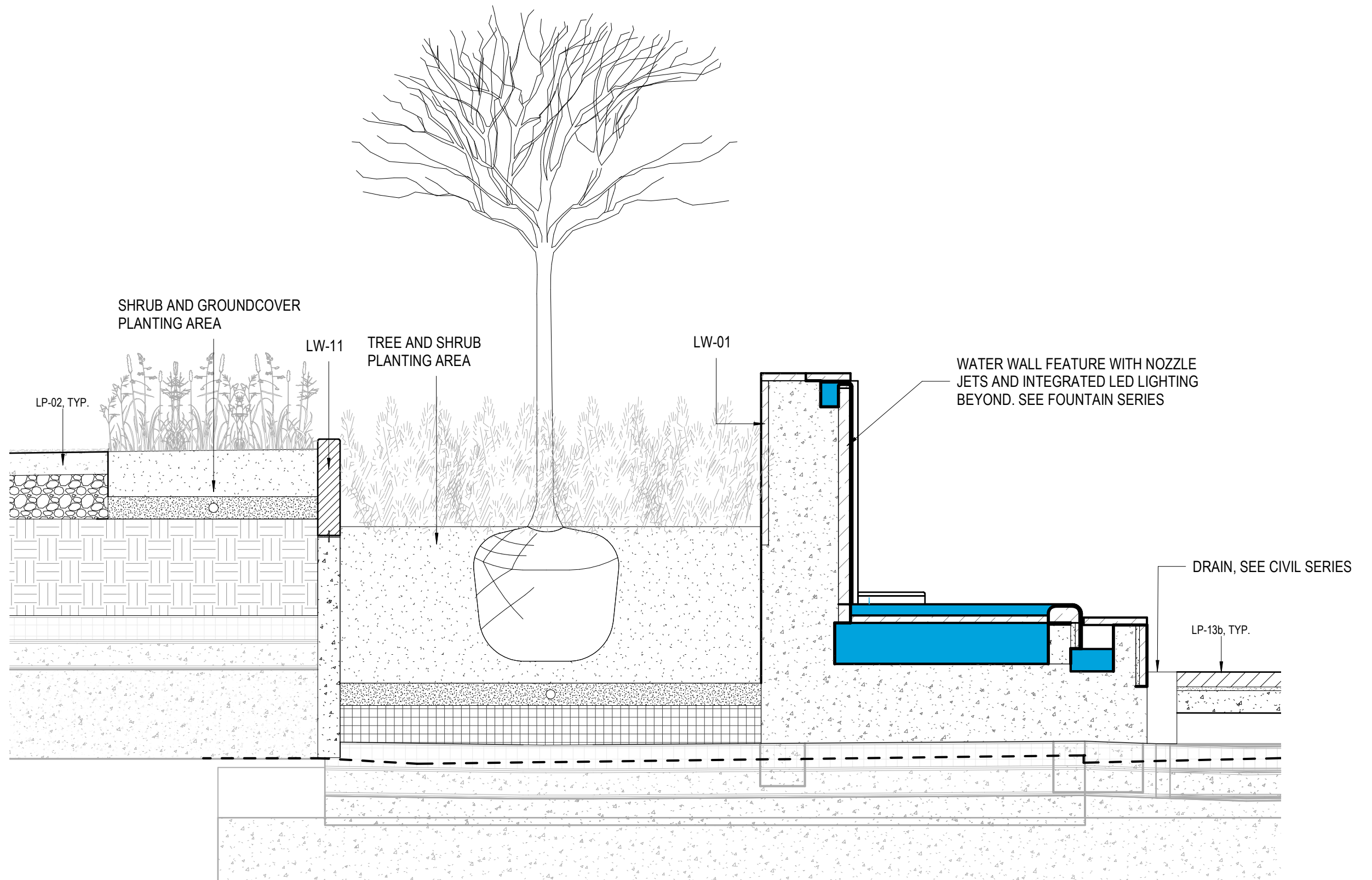
ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



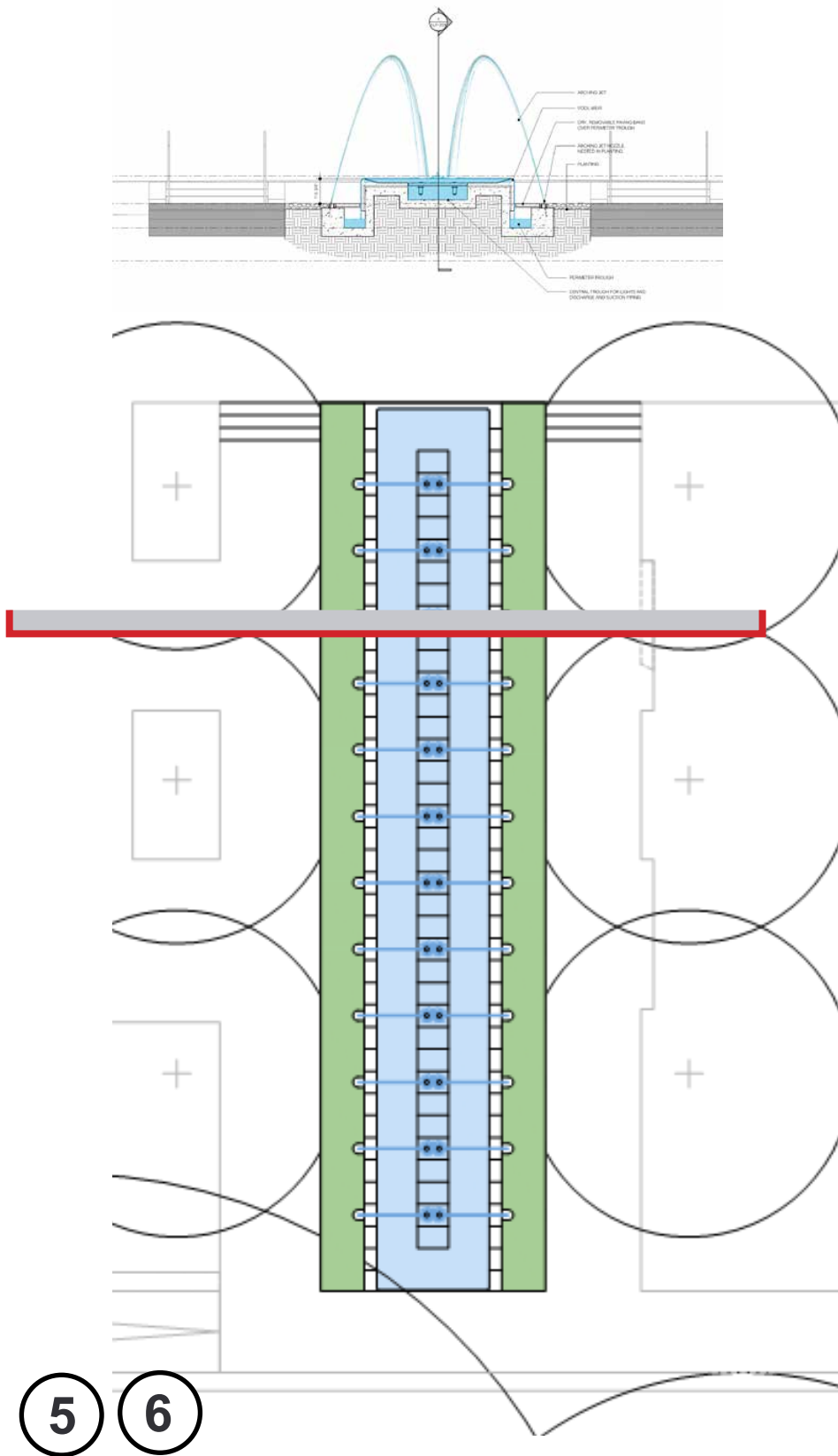
I95I - SECTION AT GARAGE RAMP

I95I - STREET TREE SECTION



WATER WALL SECTION AT THE 1951 NORTH WEST

1951 - FOUNTAIN/PERIMETER SECURITY WALL



Simple Rectangular Basin

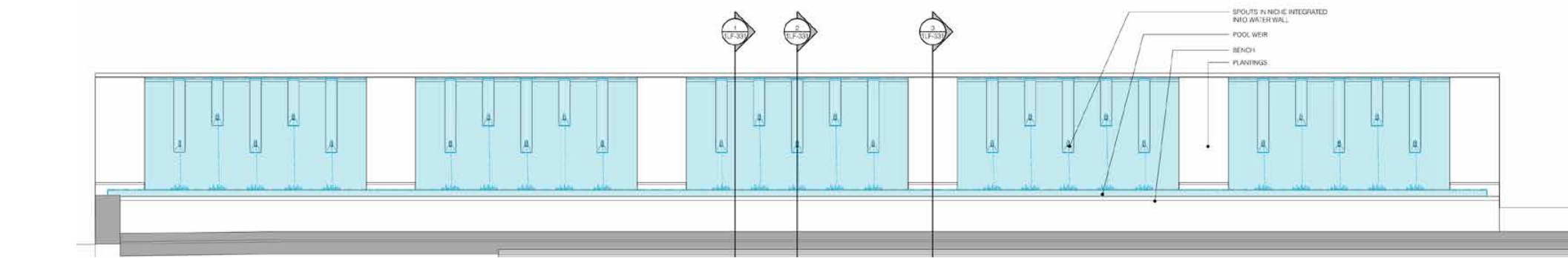


Series of Water Jets

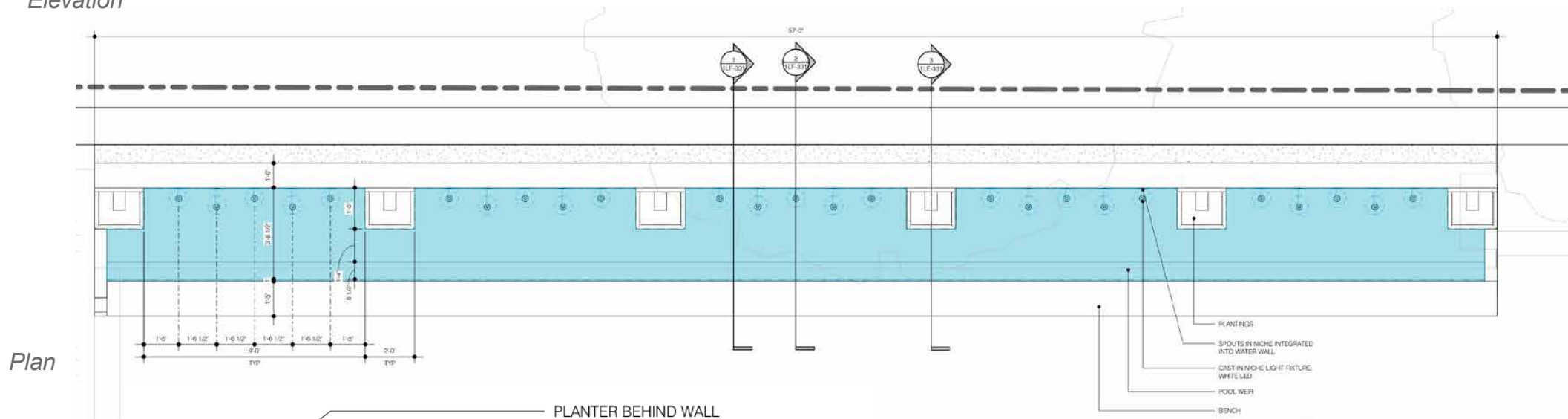


FRB-East Garden Terrace Water Feature Section

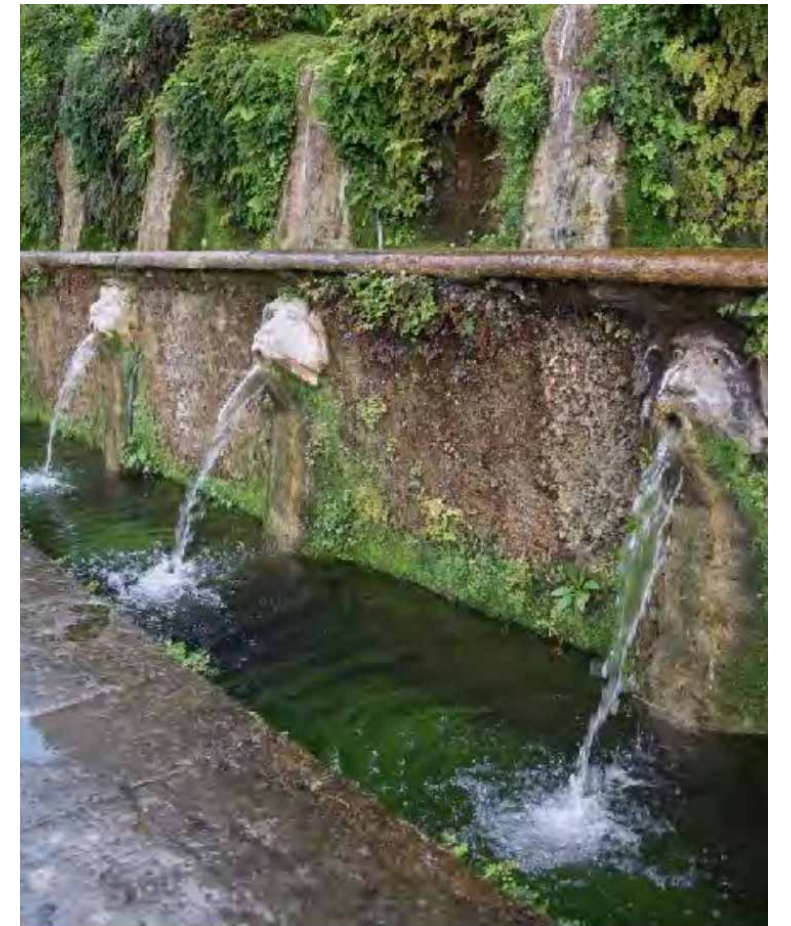
FRB-EAST | GARDEN TERRACE WATER FEATURES



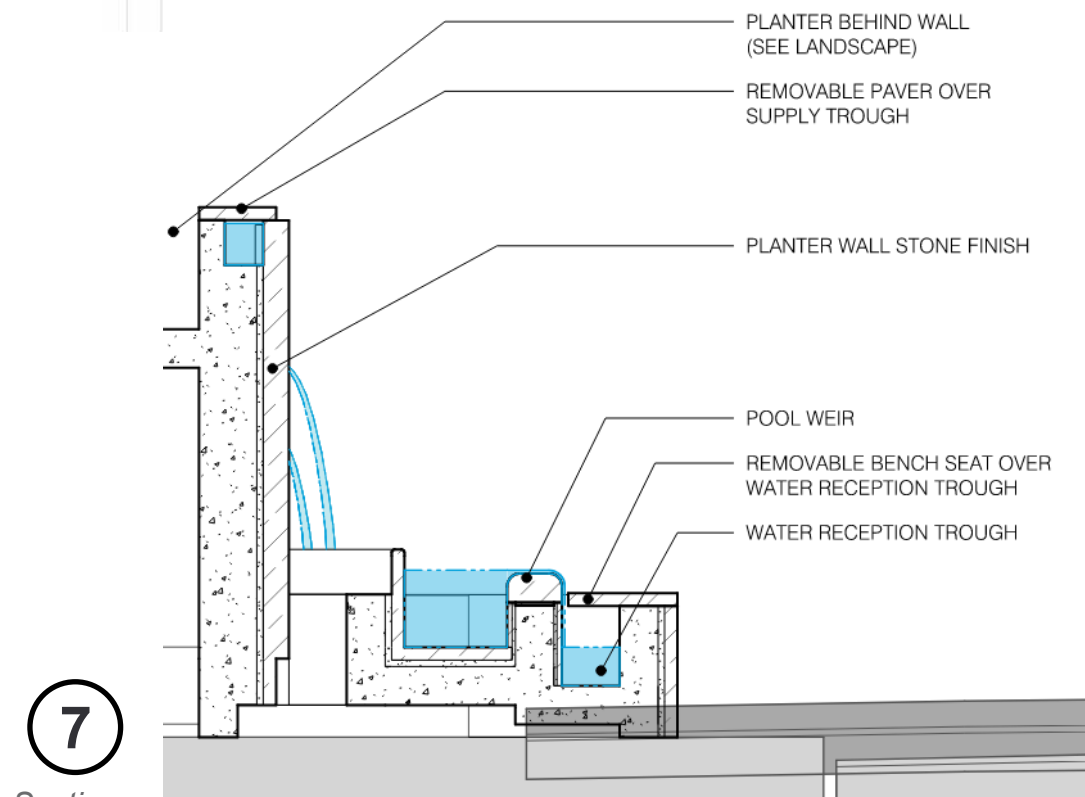
Elevation



Plan

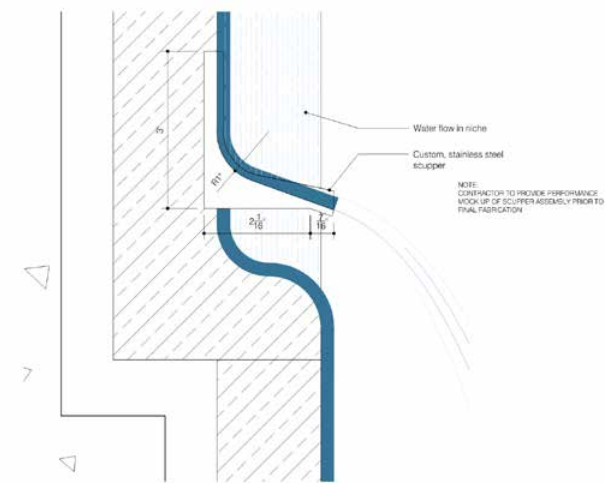


Historic Precedent for Water Spouts in Wall



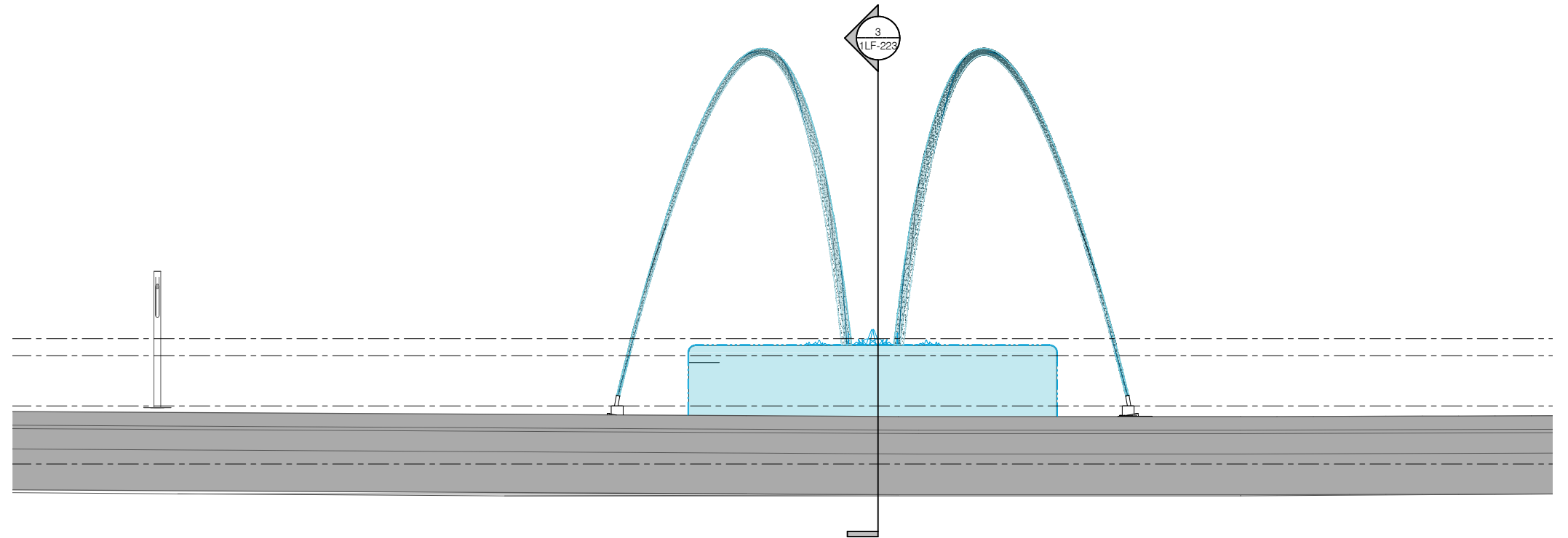
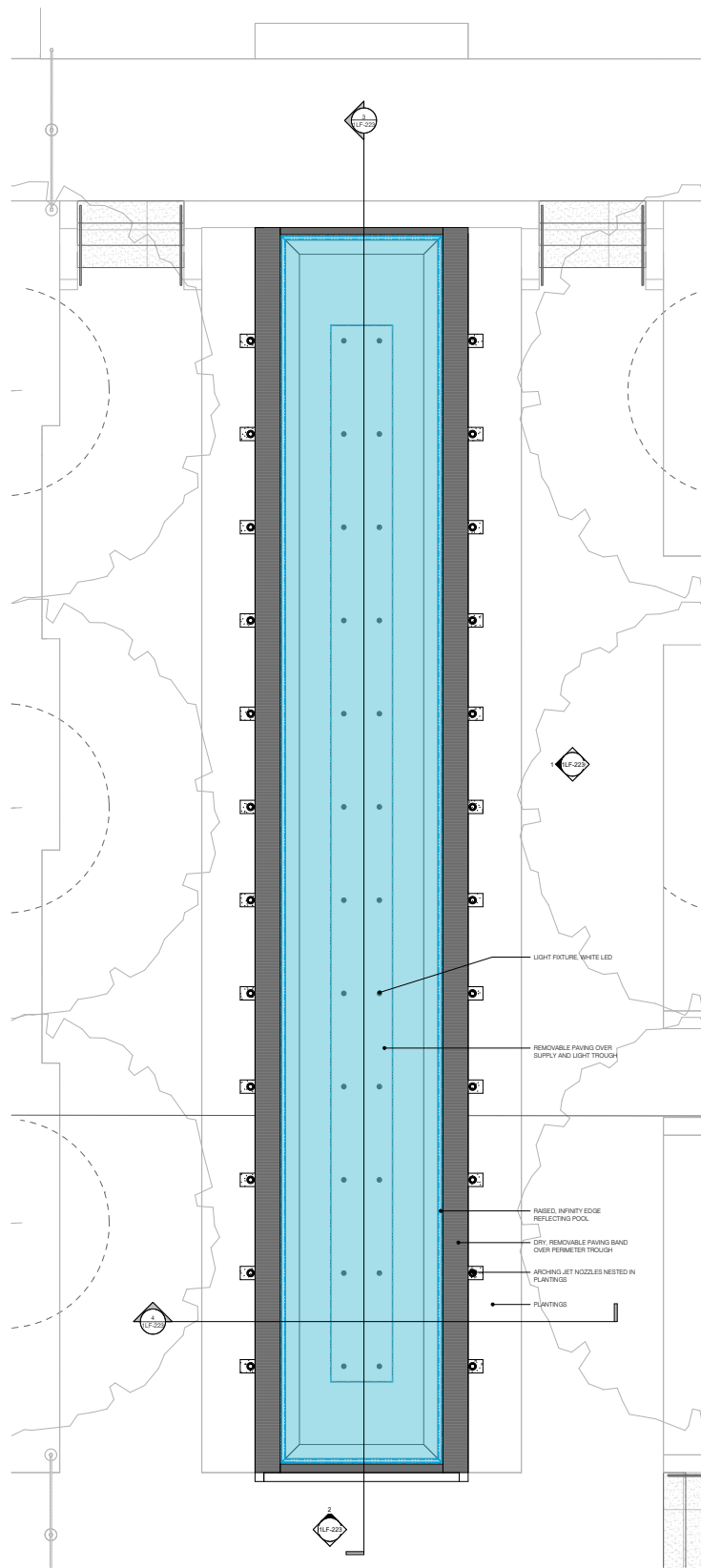
7

Section



Spout Details

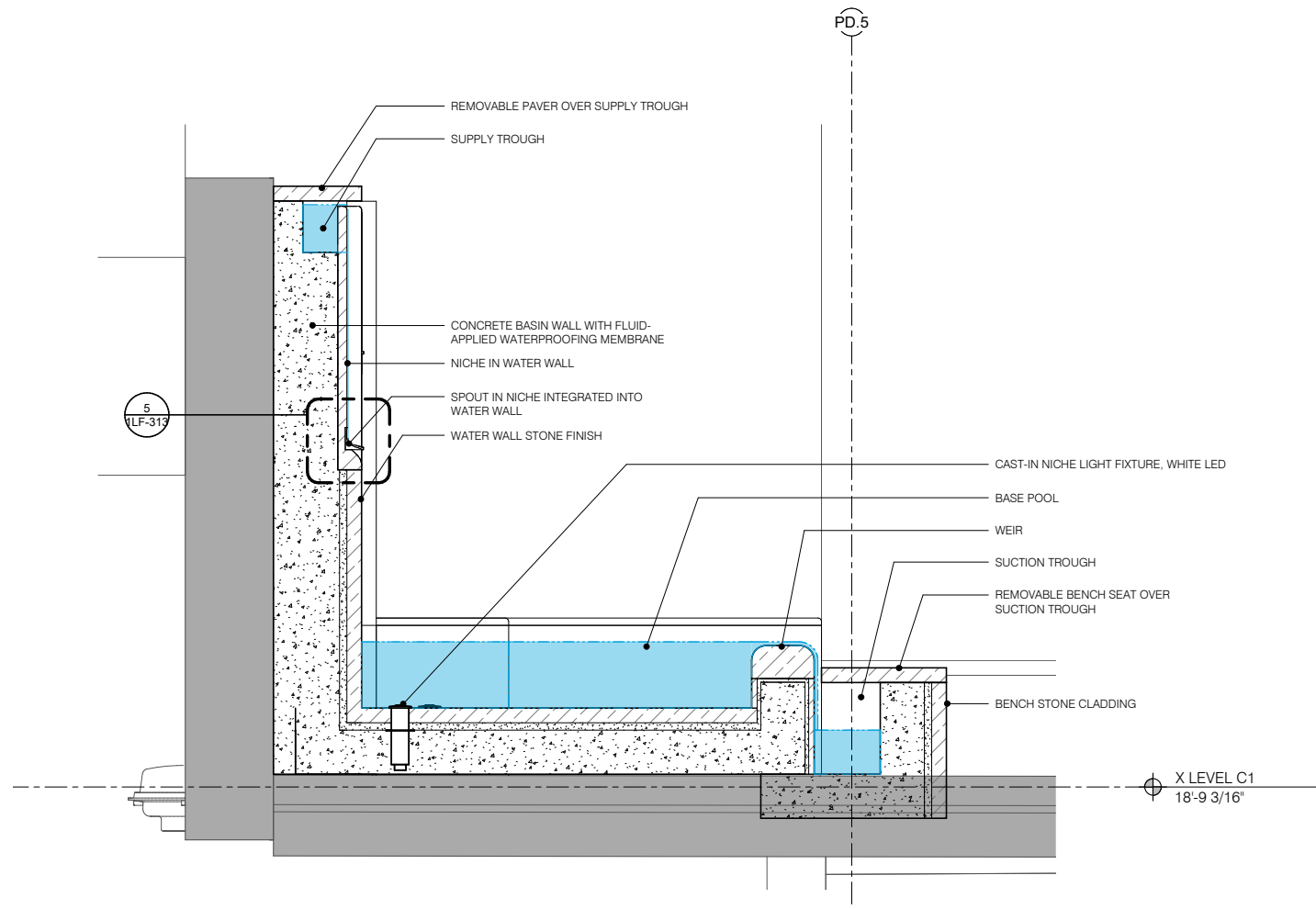
FRB-EAST | ENTRANCE PLAZA WATER FEATURE WALL



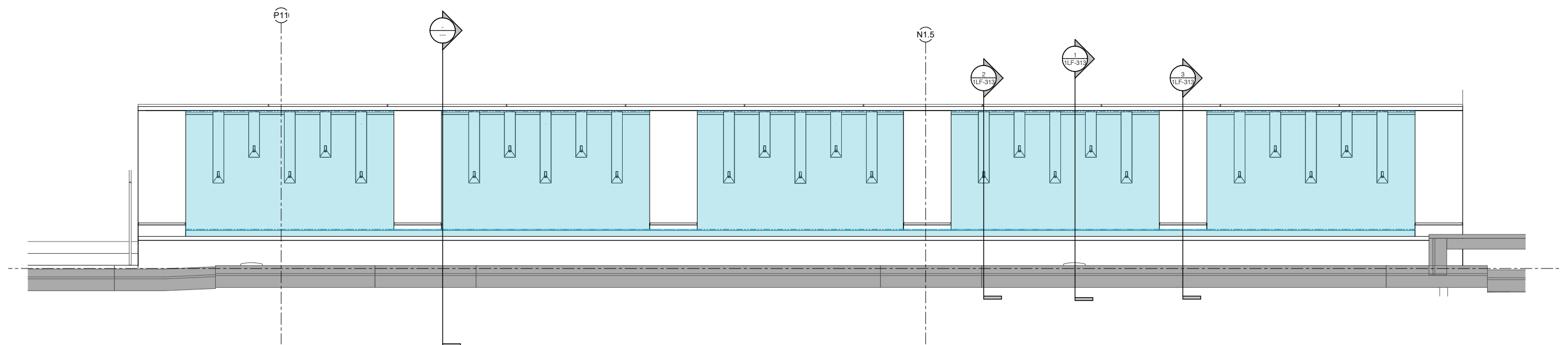
195I SOUTH GARDEN EAST - FINISHES PLAN

195I SOUTH GARDEN EAST - SOUTH ELEVATION

195I WATER FEATURE



1951 WATER WALL - SECTION

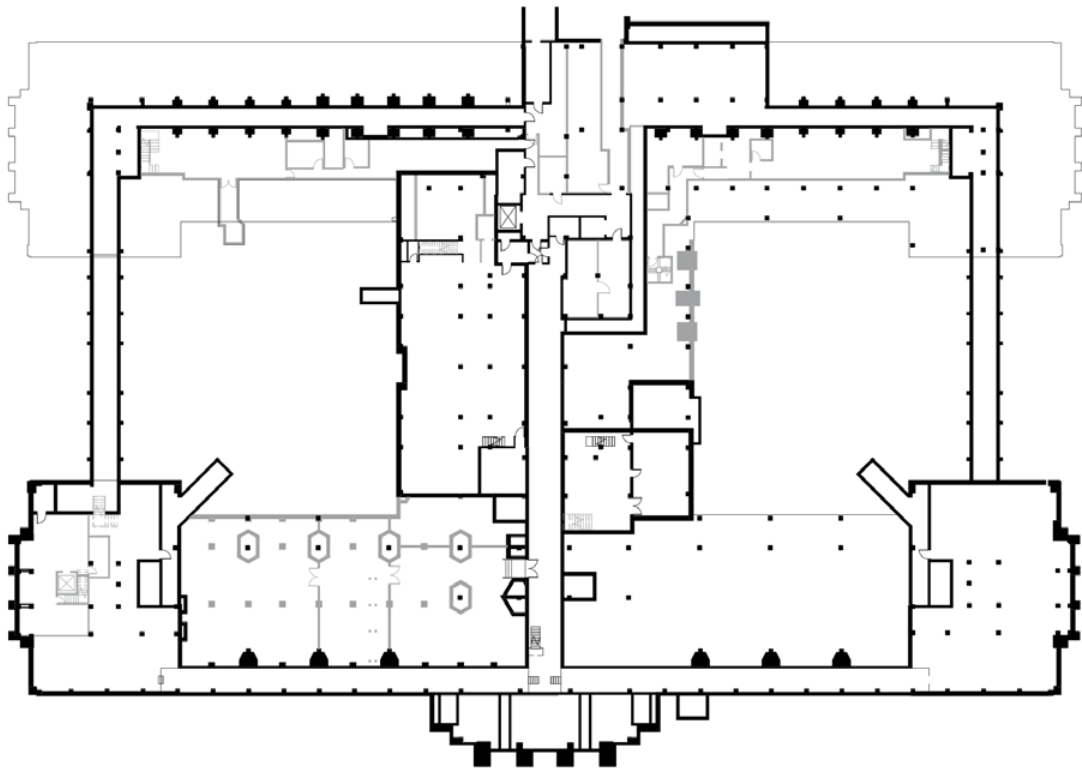


1951 WATER WALL - ELEVATION

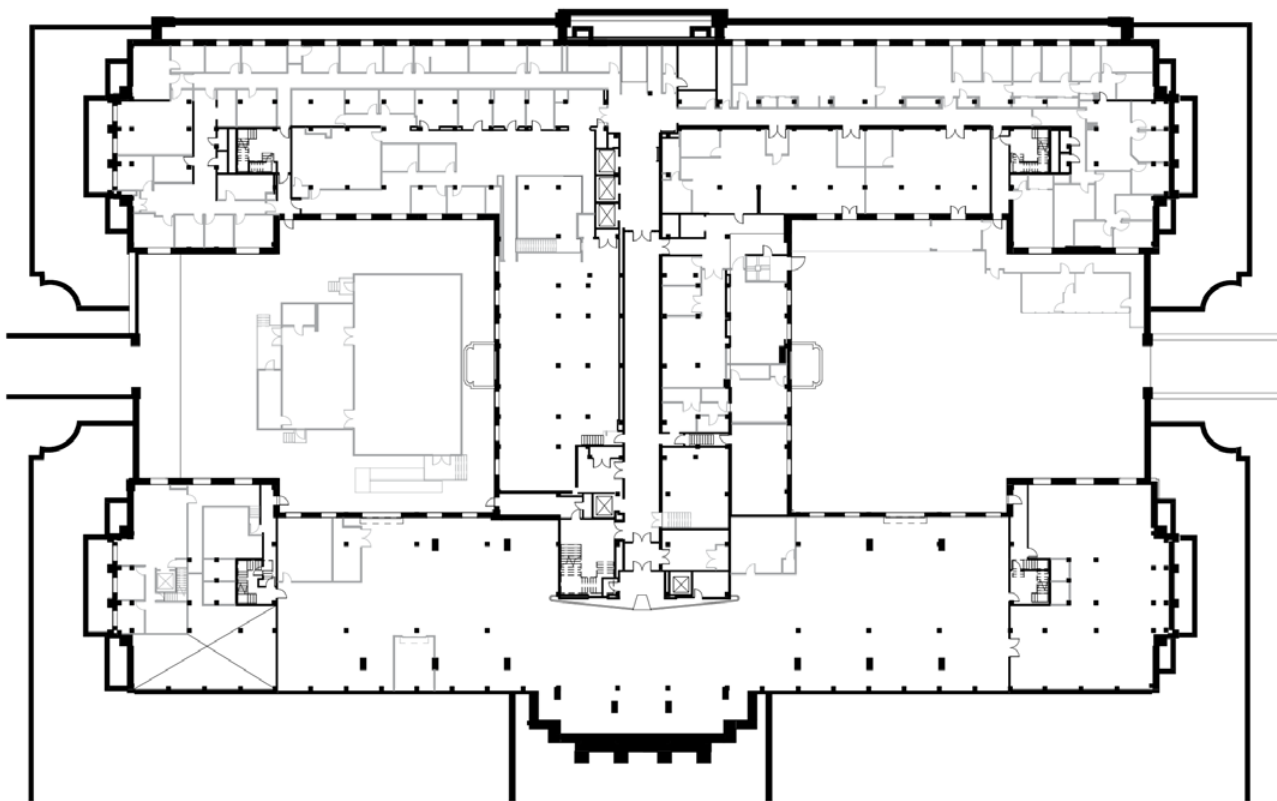
1951 WATER FEATURE

8.7 EXISTING PLANS & ELEVATIONS

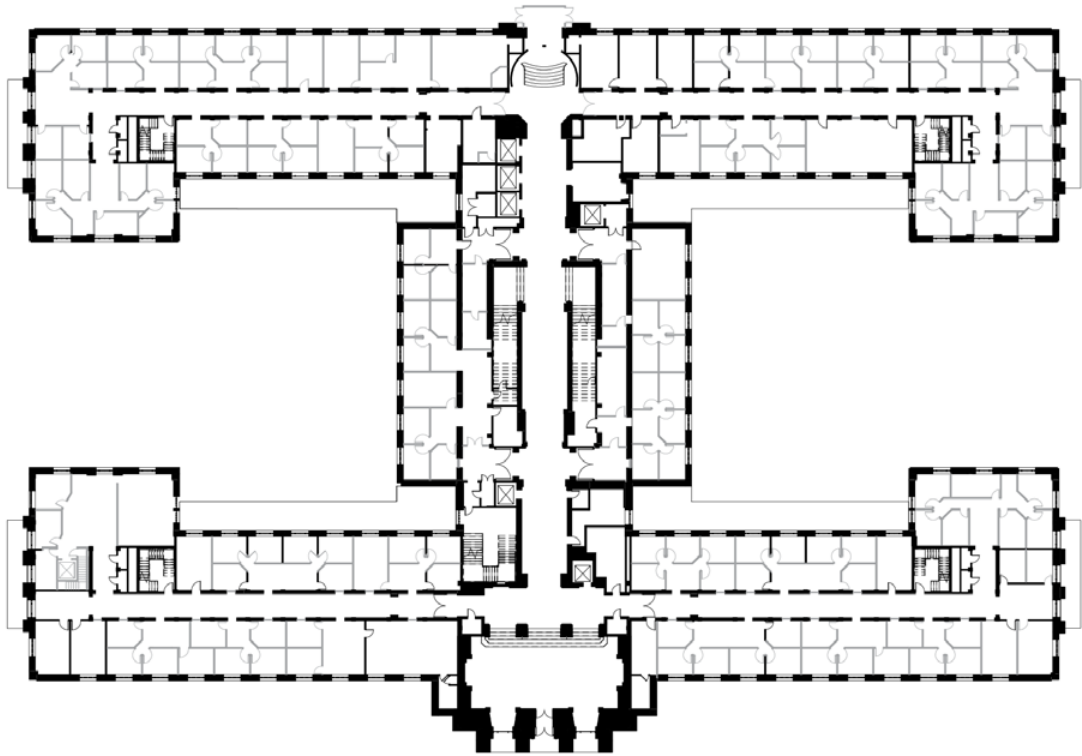
EXISTING FLOOR PLANS



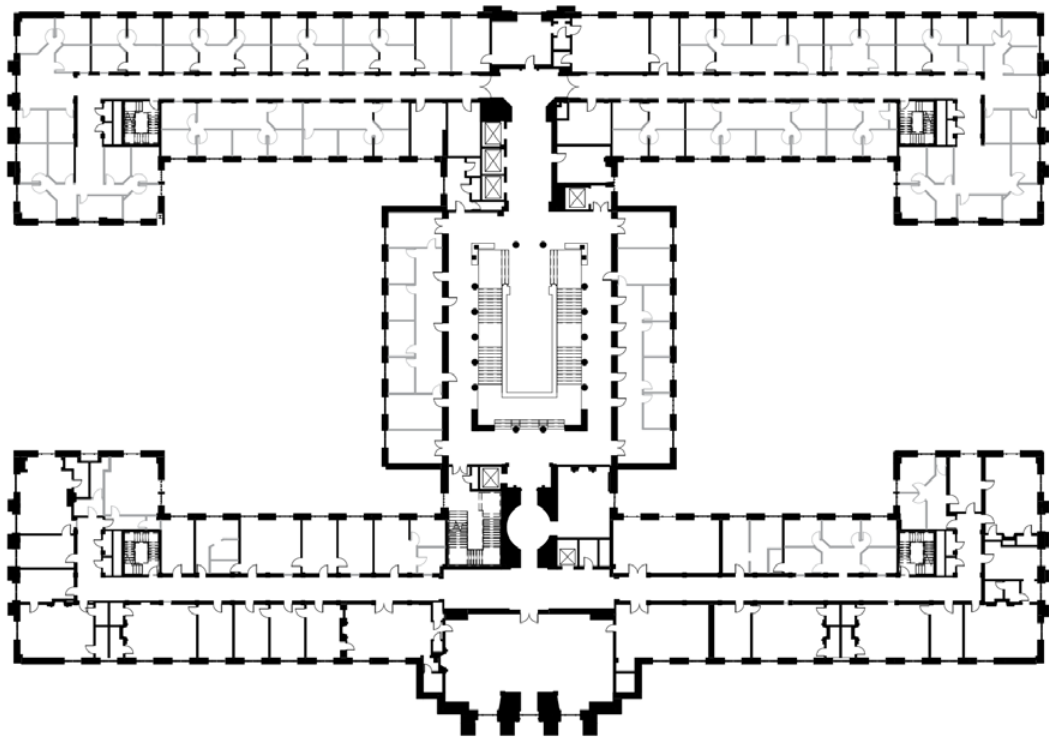
C2



C1

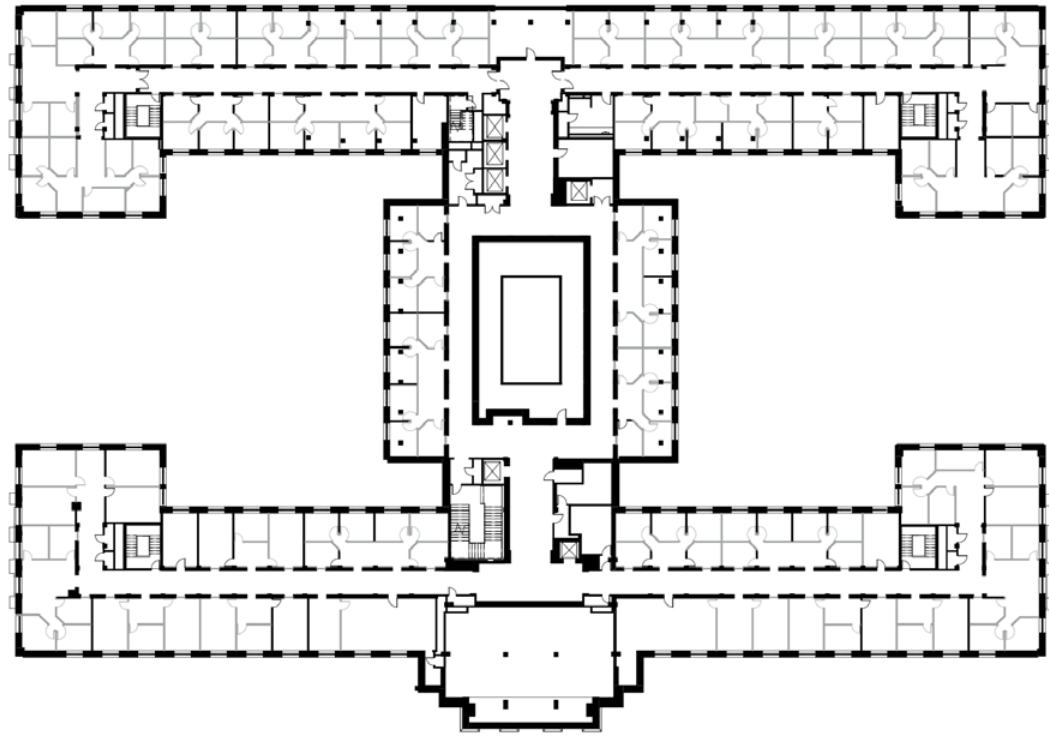


Level 1

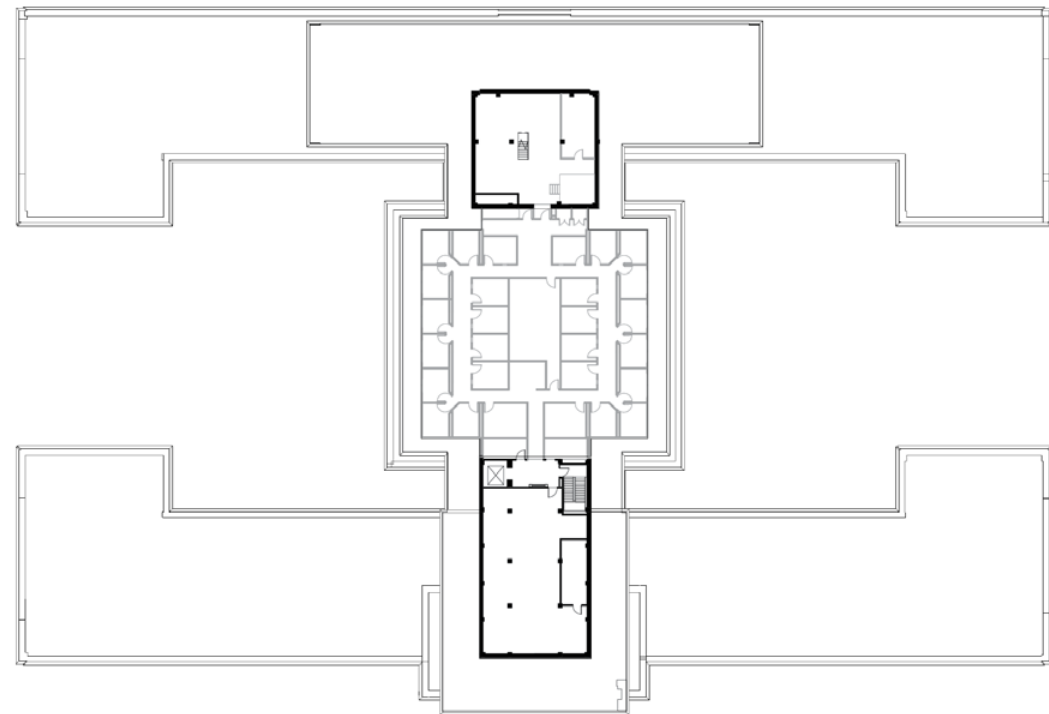


Level 2

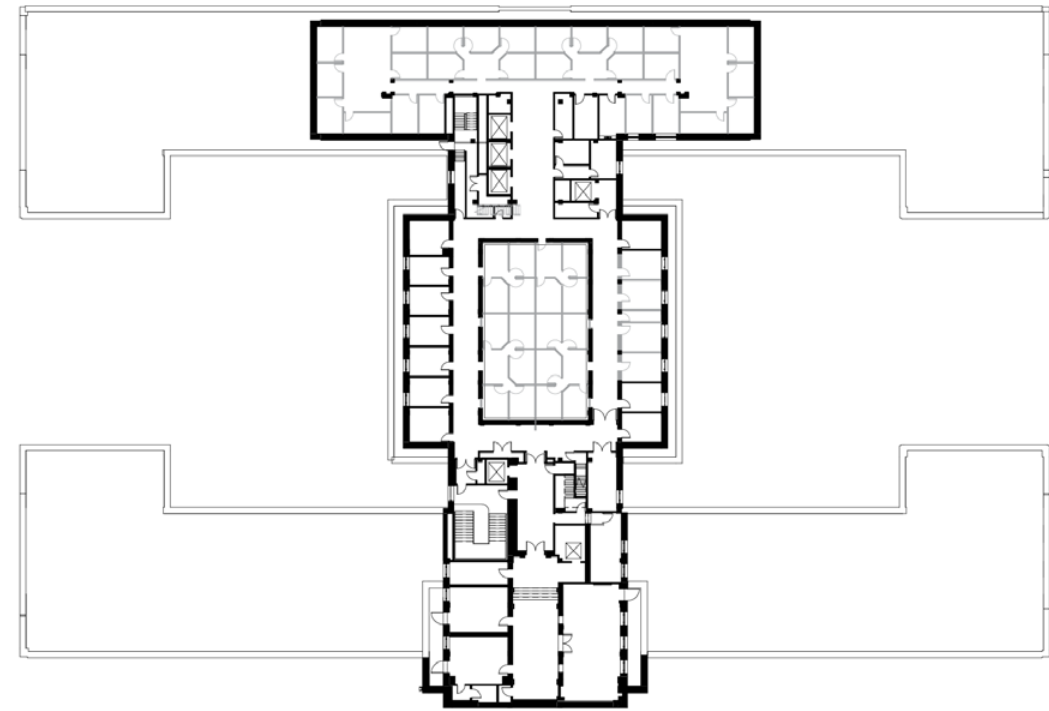




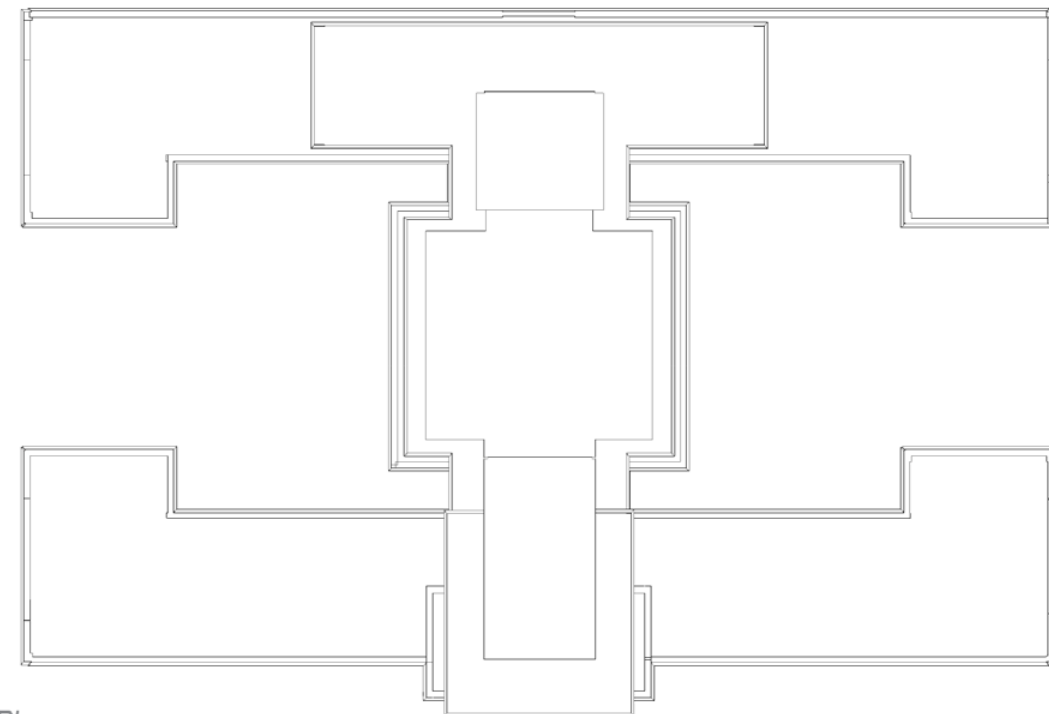
Level 3



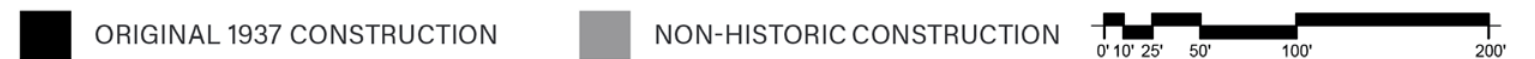
Level 5

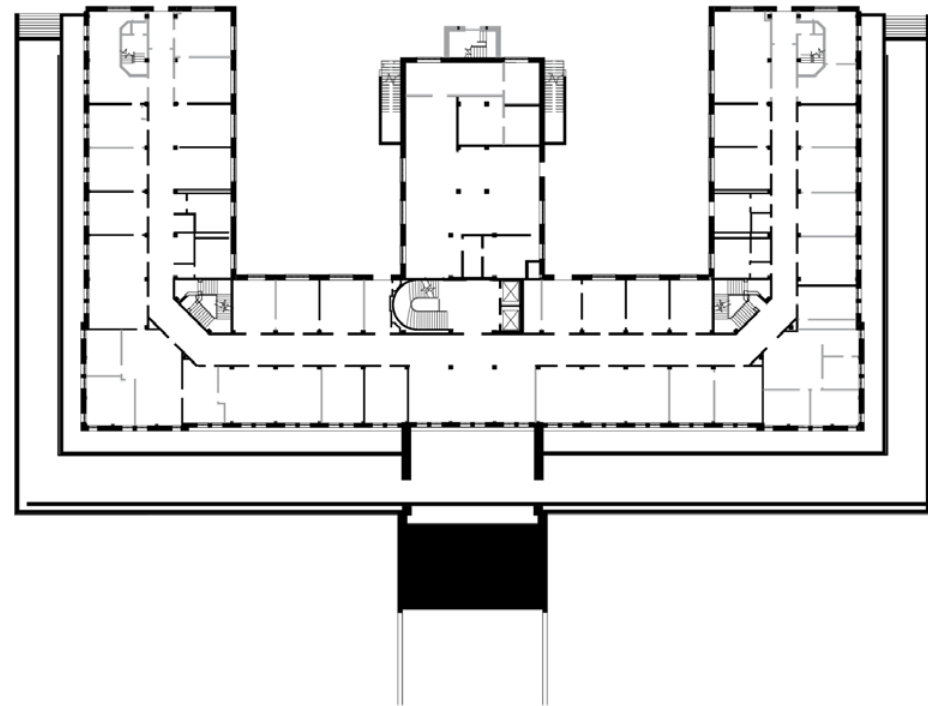


Level 4

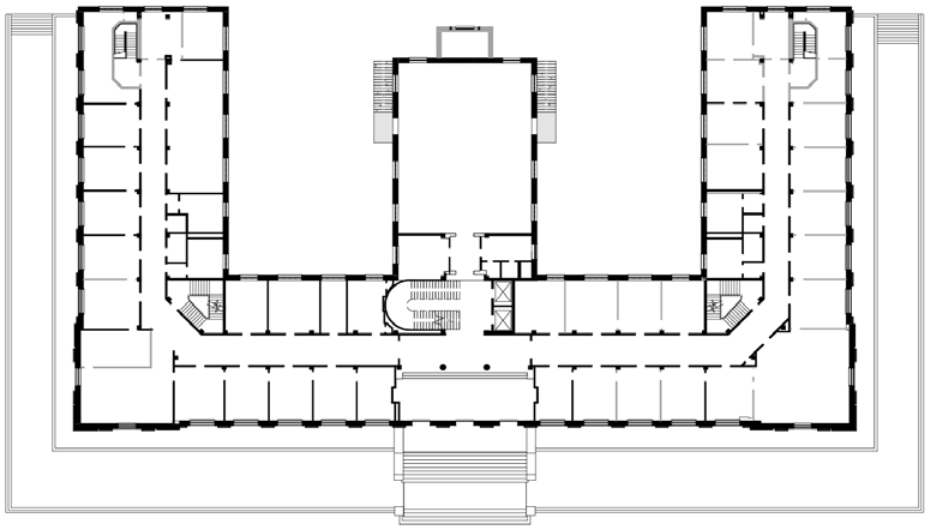


Roof Plan

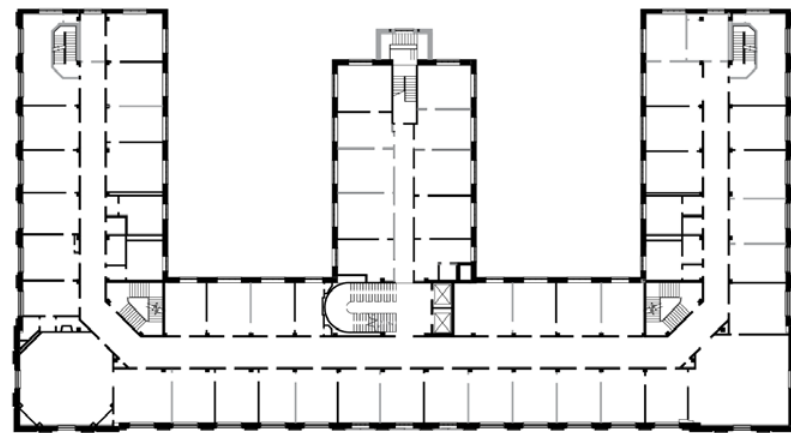




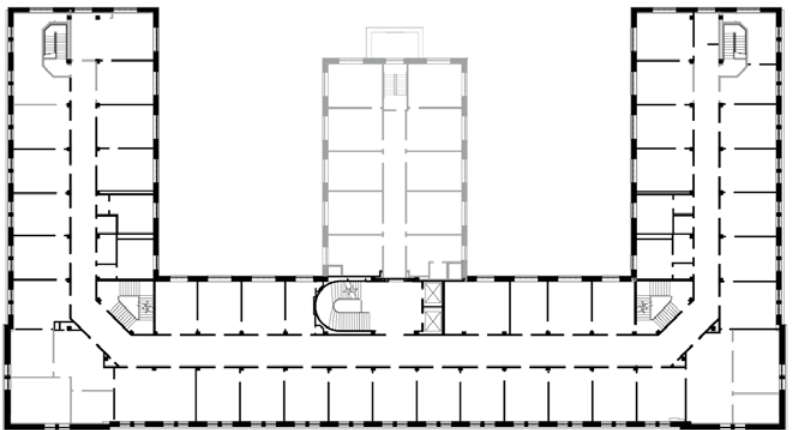
C1



Level 1



Level 2



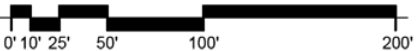
Level 3

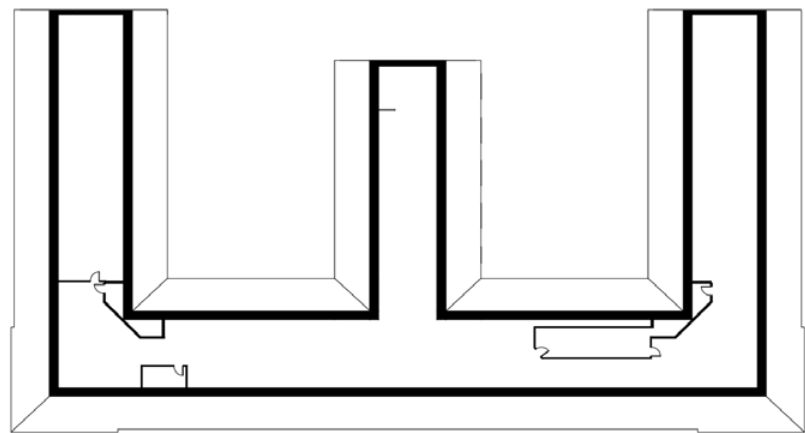


ORIGINAL 1937 CONSTRUCTION

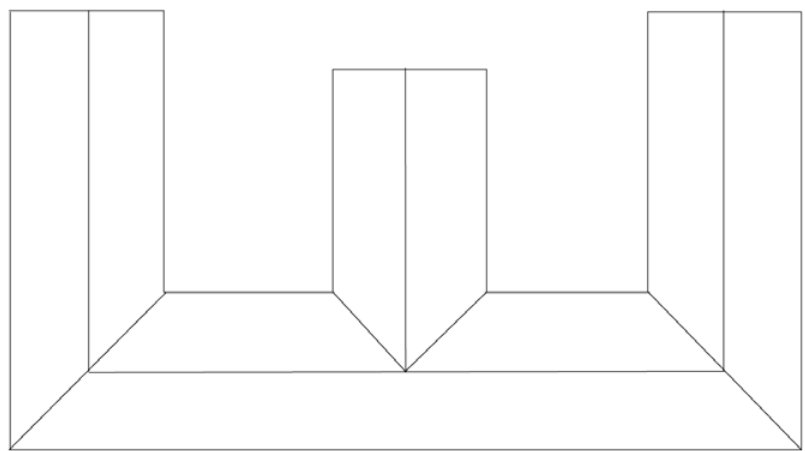


NON-HISTORIC CONSTRUCTION





Attic



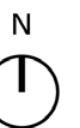
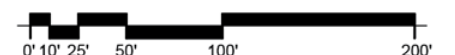
Roof



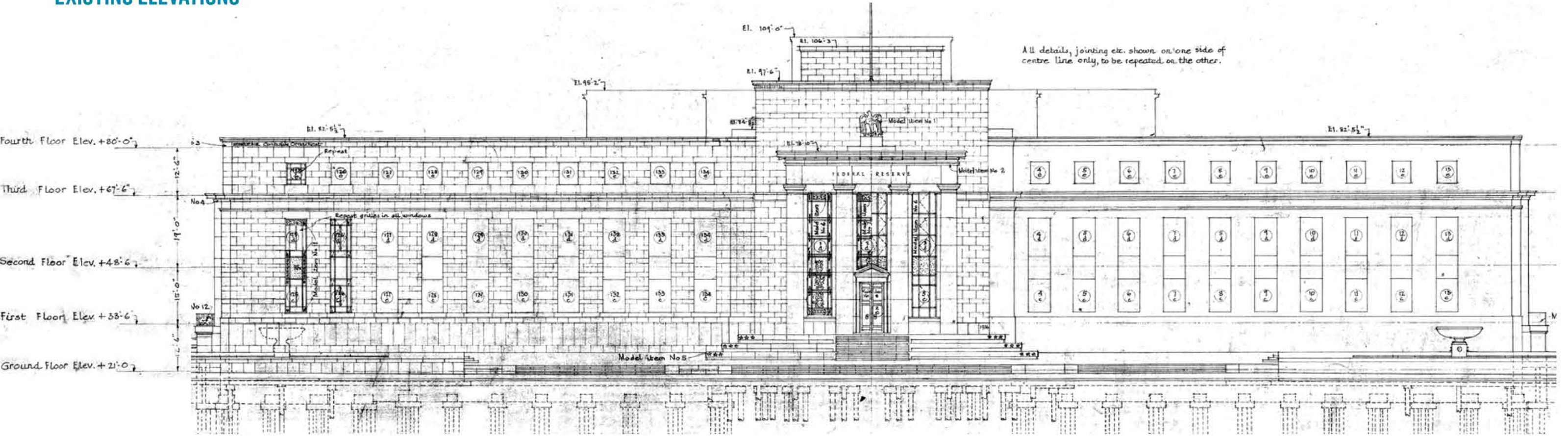
ORIGINAL 1937 CONSTRUCTION



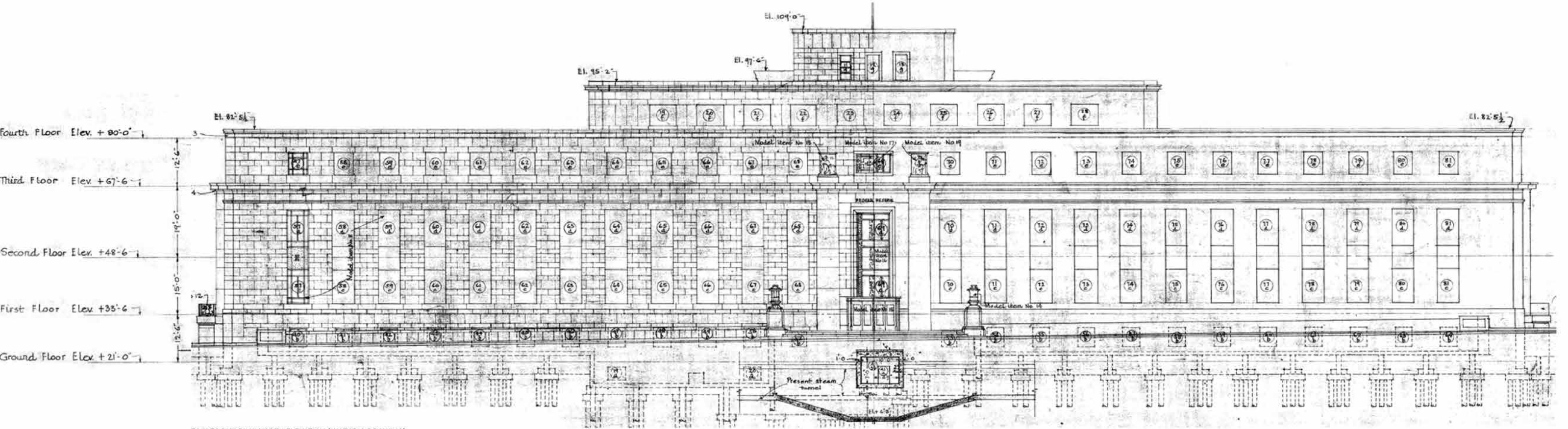
NON-HISTORIC CONSTRUCTION



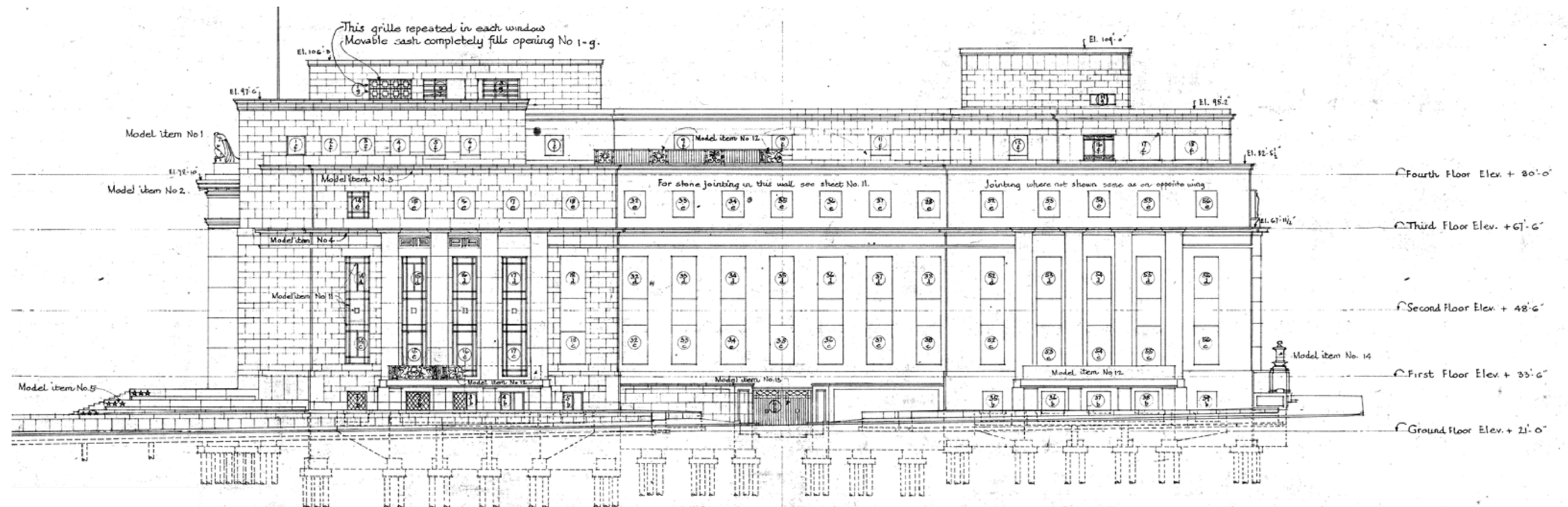
EXISTING ELEVATIONS



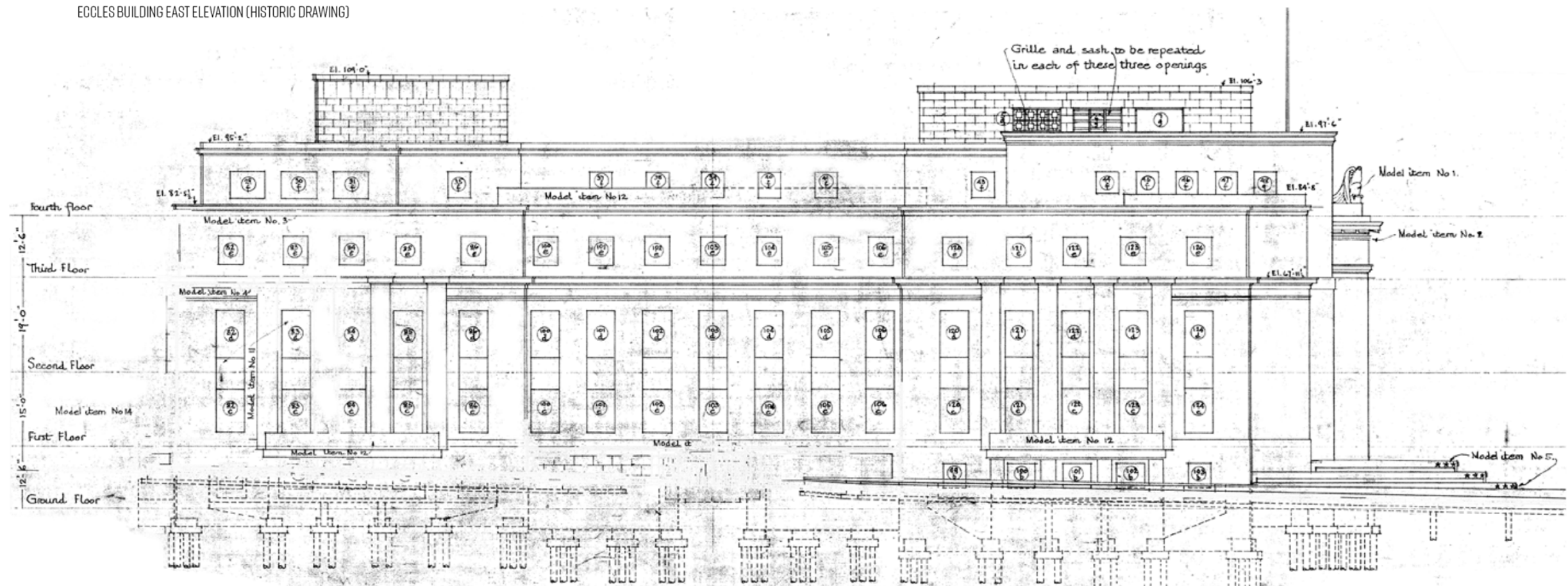
ECCLES BUILDING SOUTH ELEVATION (HISTORIC DRAWING)



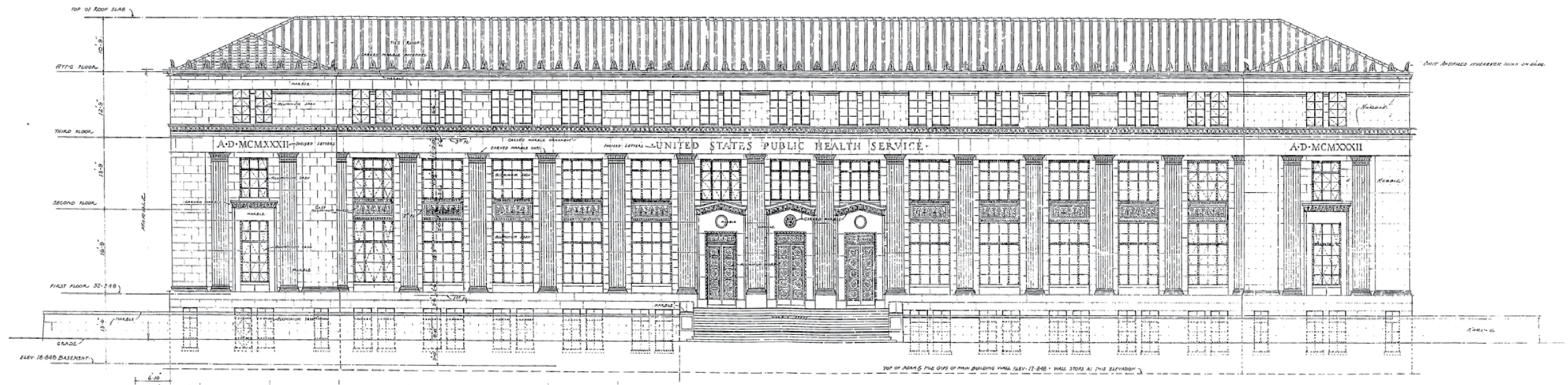
ECCLES BUILDING NORTH ELEVATION (HISTORIC DRAWING)



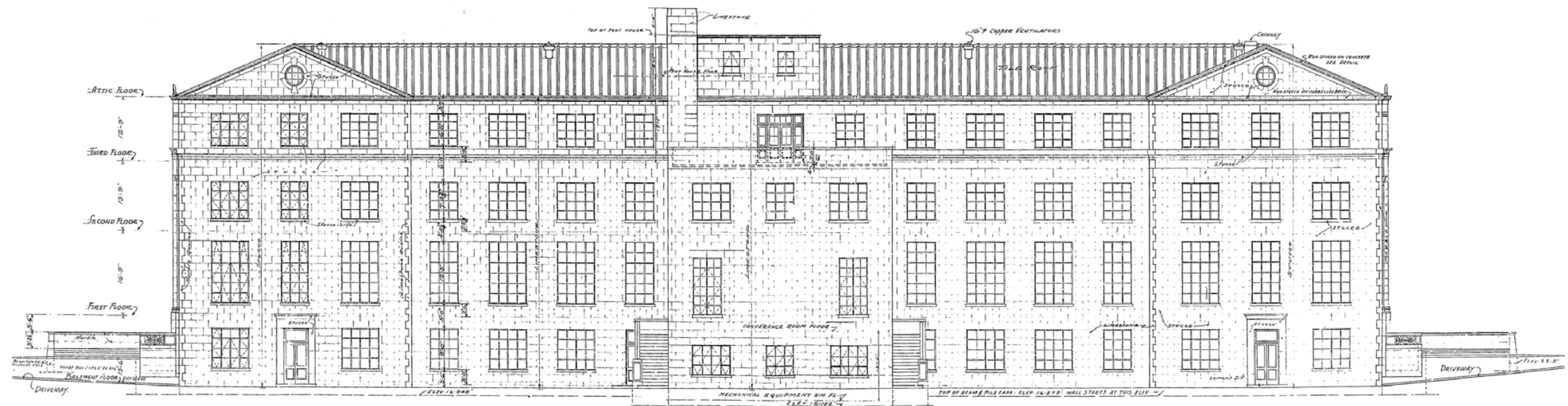
ECCLES BUILDING EAST ELEVATION (HISTORIC DRAWING)



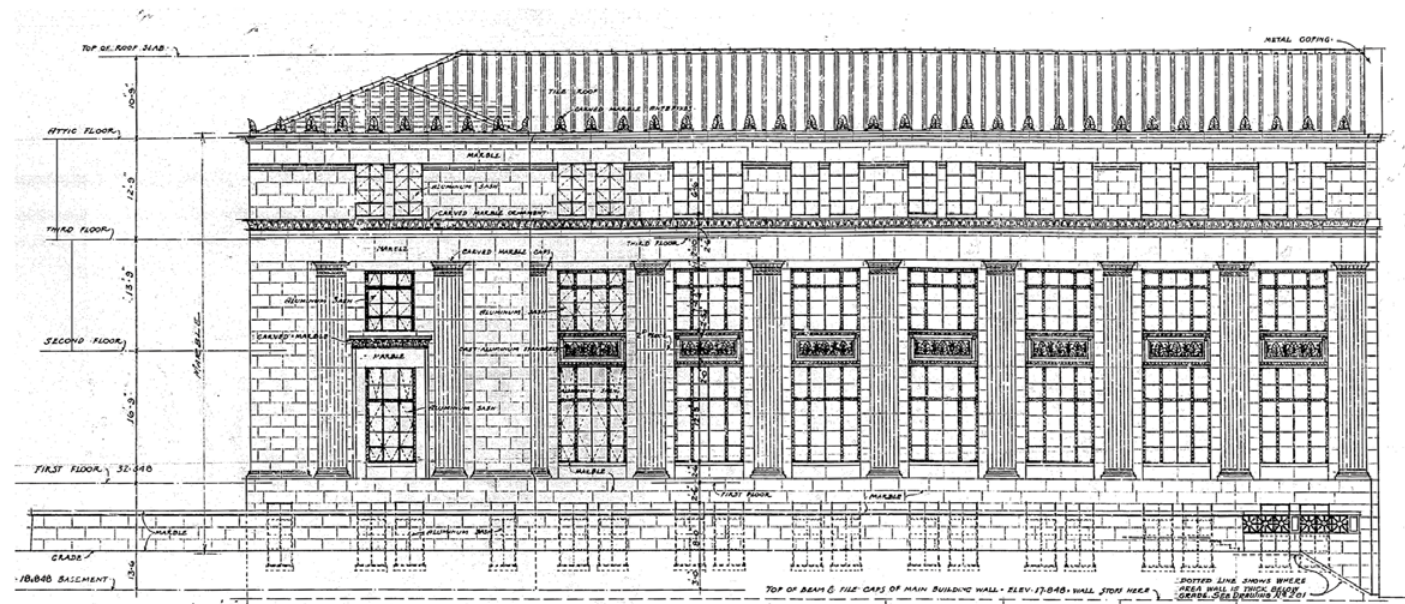
ECCLES BUILDING WEST ELEVATION (HISTORIC DRAWING)



FRB-EAST BUILDING SOUTH ELEVATION (HISTORIC DRAWING)

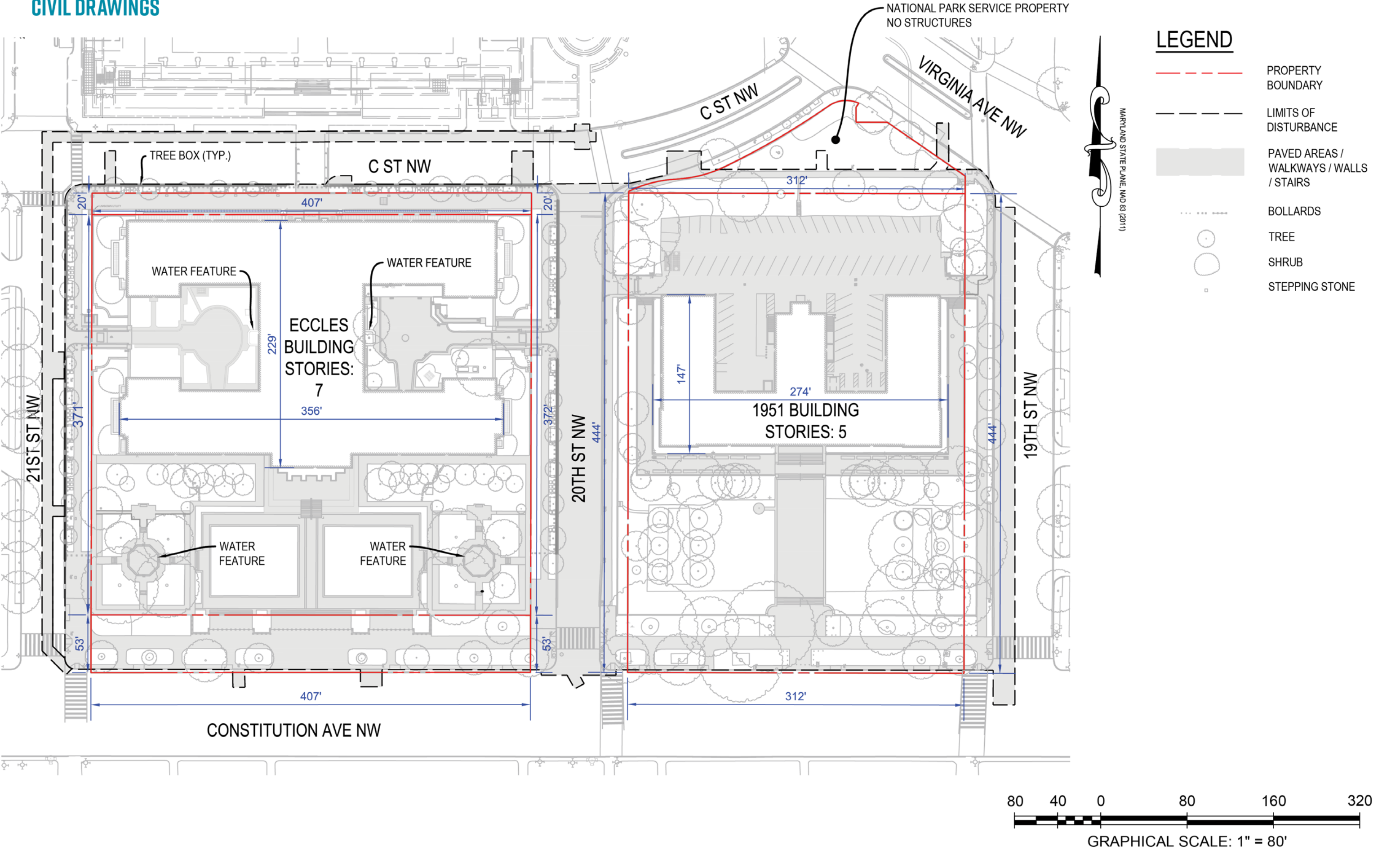


FRB-EAST BUILDING NORTH ELEVATION (HISTORIC DRAWING)



FRB-EAST BUILDING EAST ELEVATION (HISTORIC DRAWING)

8.8 CIVIL DRAWINGS & DETAILS

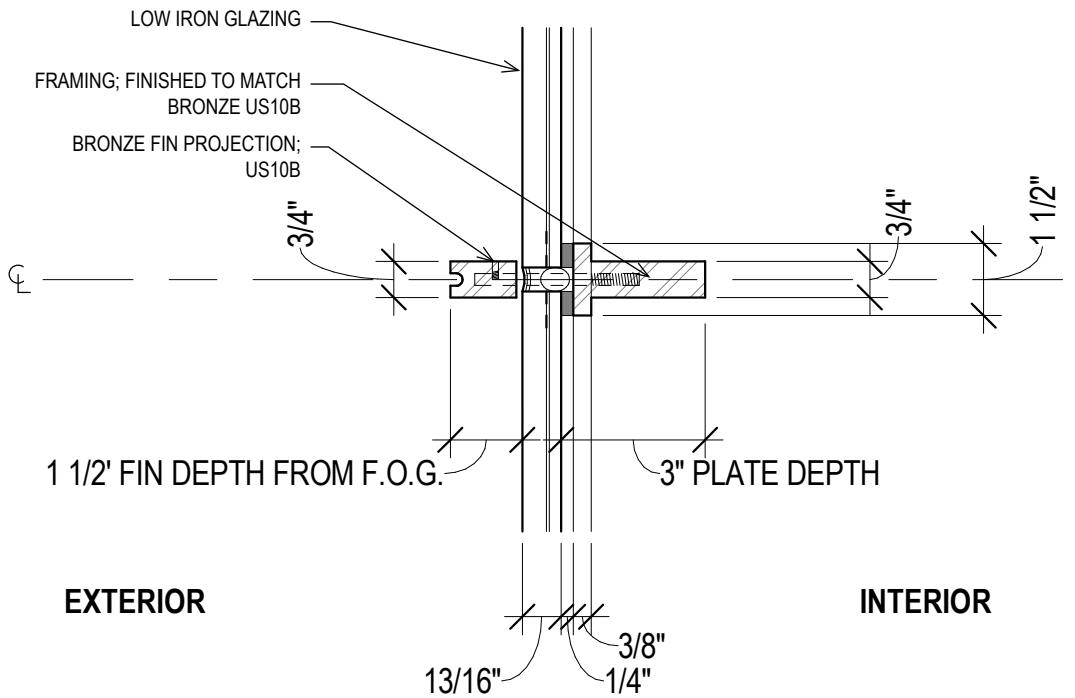


8.9 ECCLES ATRIUM

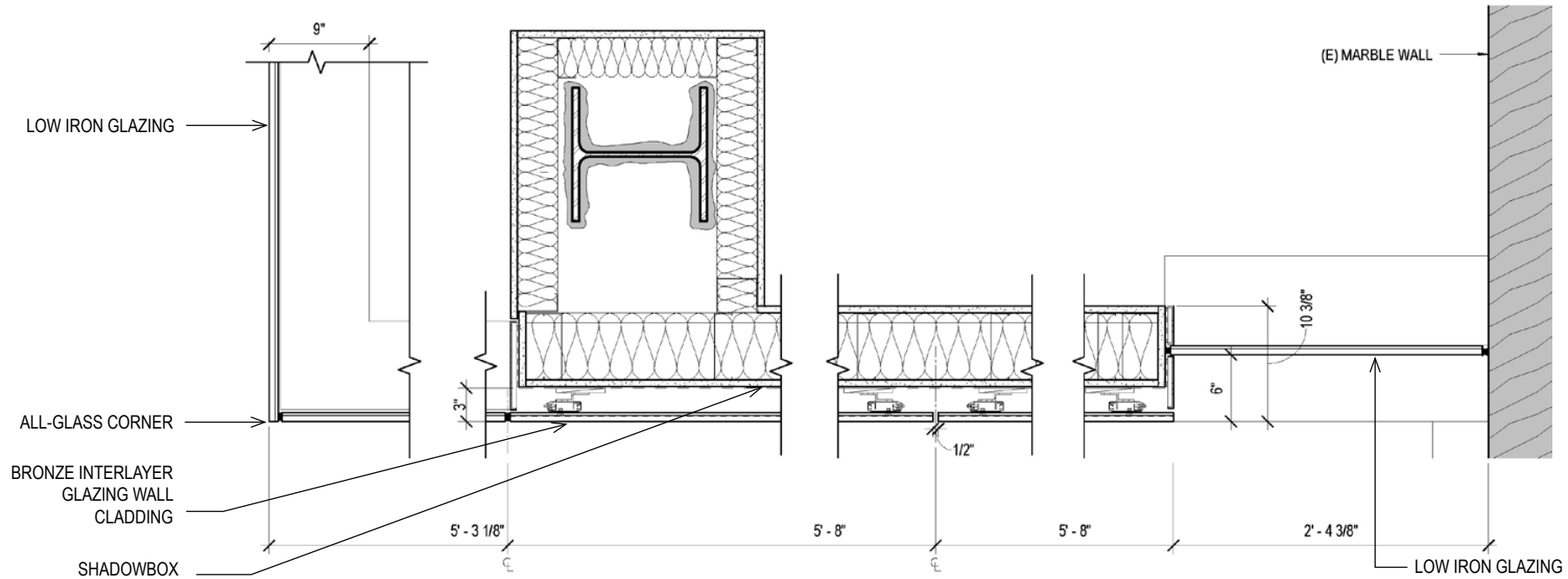




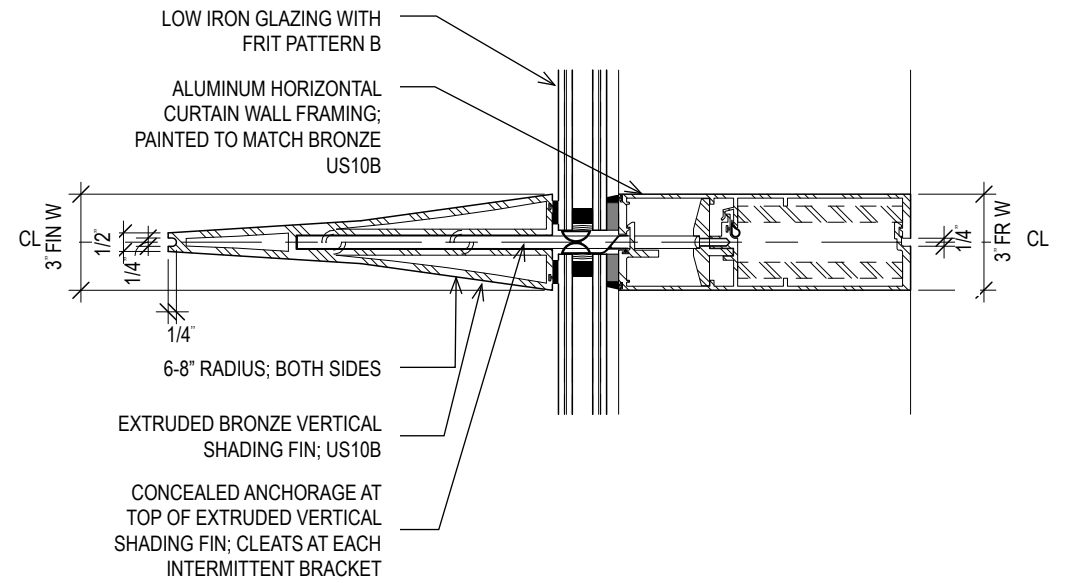




2. DETAIL PLAN - VERTICAL FRAMING AT ATRIUM-SIDE GLAZING



1. DETAIL PLAN - SIDE WALLS OF ADDITION AT ATRIUM



3. DETAIL PLAN - VERTICAL FIN AT LEVEL 01 TO 03 (FOR REFERENCE OF THE EXTERIOR CURTAINWALL DETAIL)