



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

COMMISSION OF FINE ARTS - REVISED CONCEPT PACKAGE

MAY 21, 2020



FORTUS



Marriner S. Eccles Building, 1937

AGENDA

1. PROJECT GOALS
2. HISTORIC RECAP
3. FRB-EAST DESIGN REFINEMENTS
4. ECCLES DESIGN REFINEMENTS
5. ECCLES EAST ATRIUM
6. LANDSCAPE DESIGN



Marriner S. Eccles Building, 1937

DESIGN 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 HISTORY RECAP



MARRINER S. ECCLES BUILDING, 1937

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

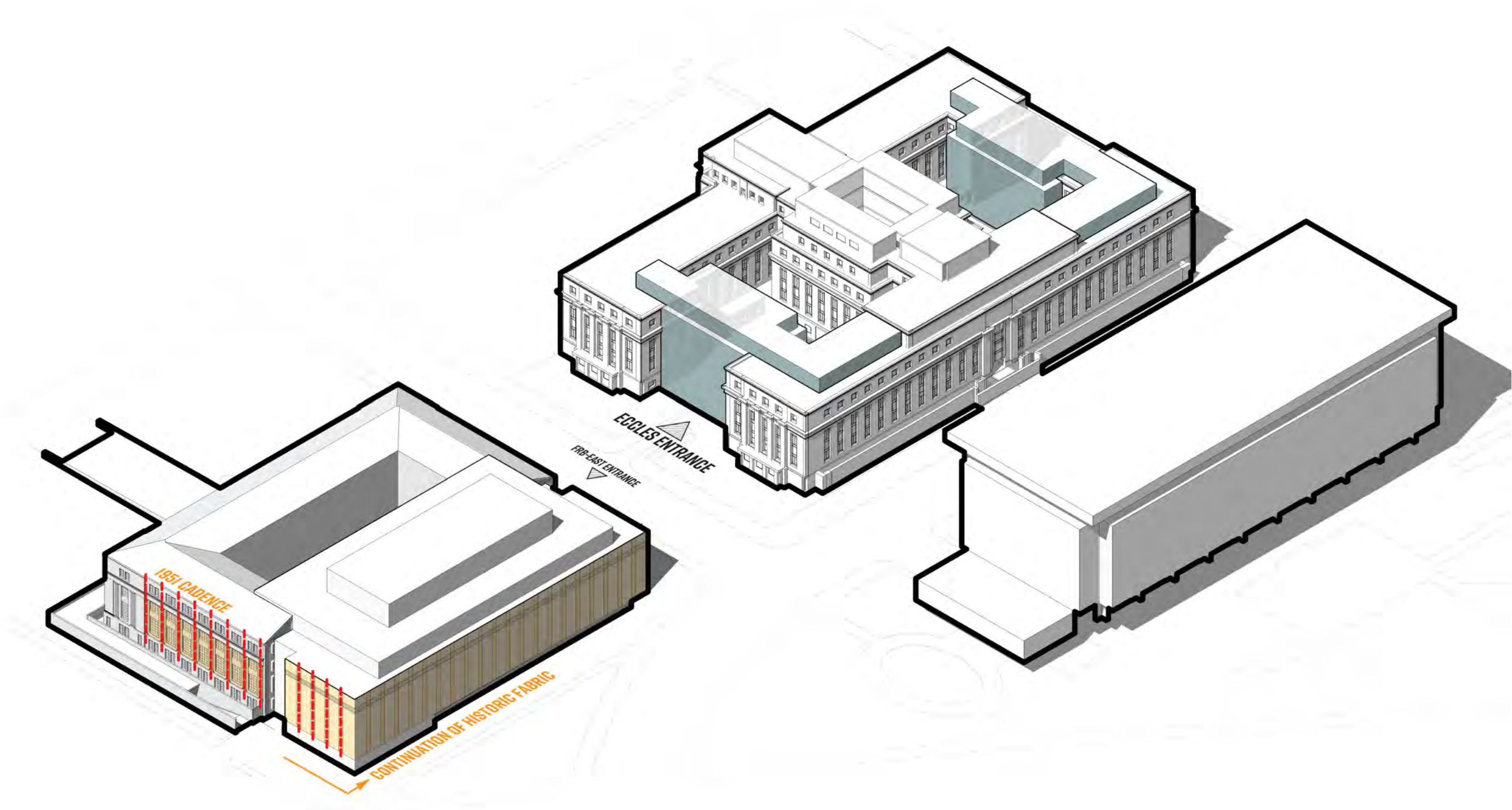


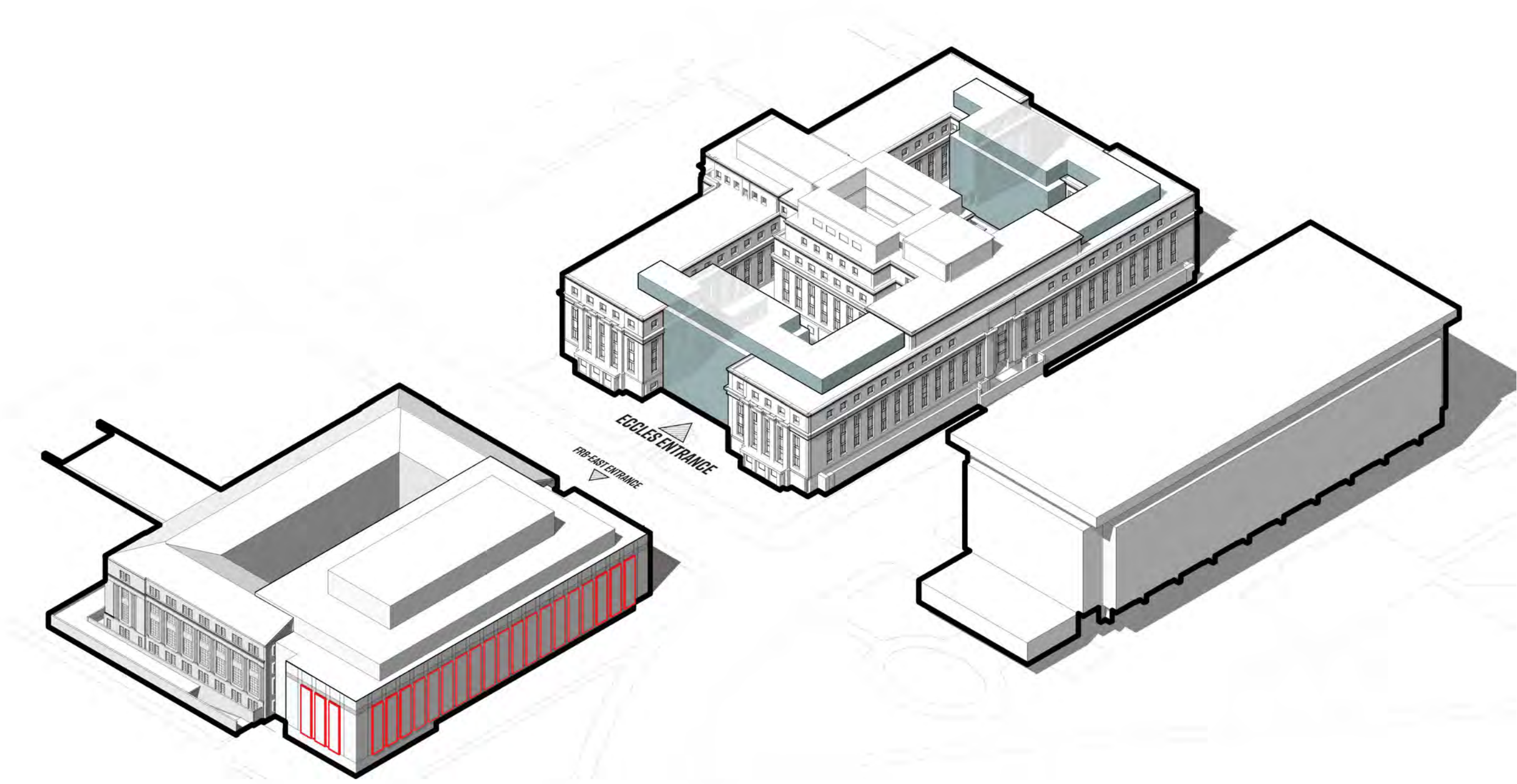
FRB-EAST BUILDING, CA. 1933

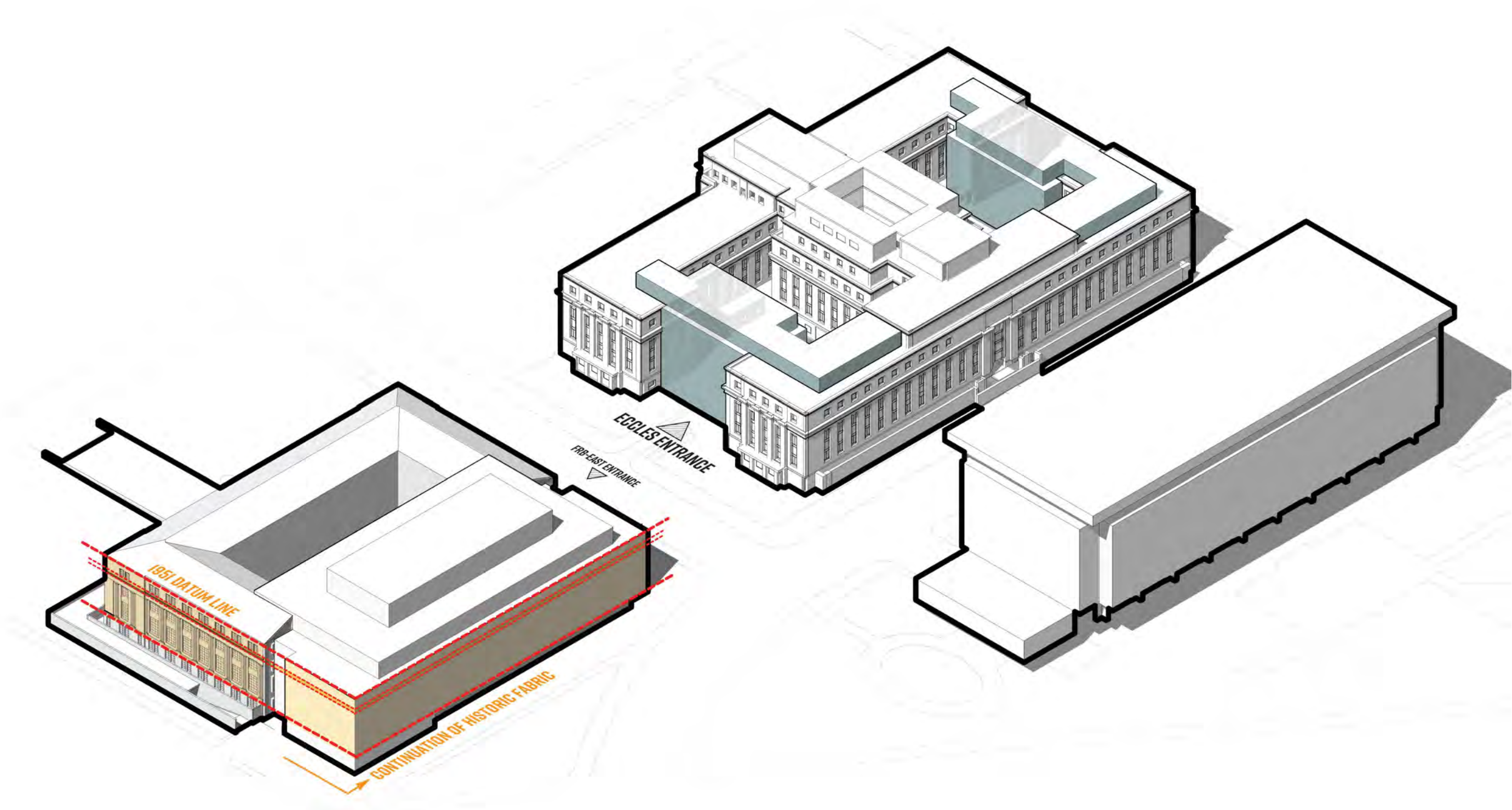


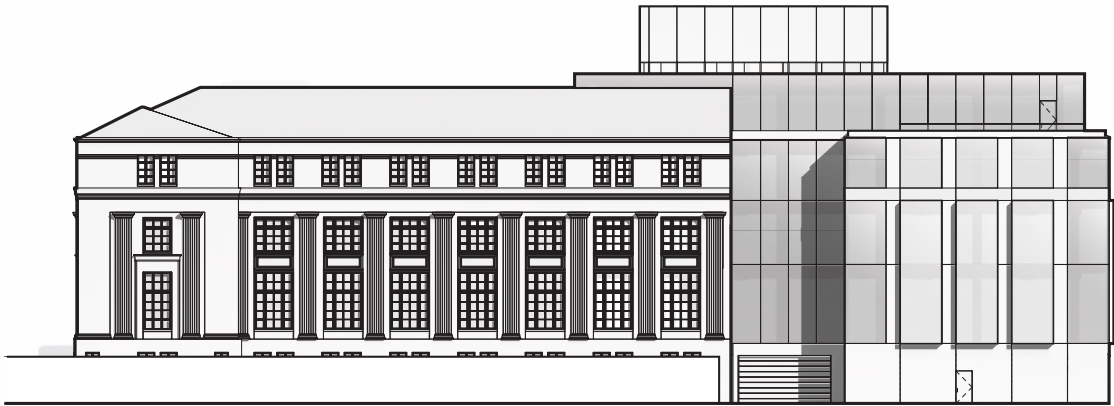
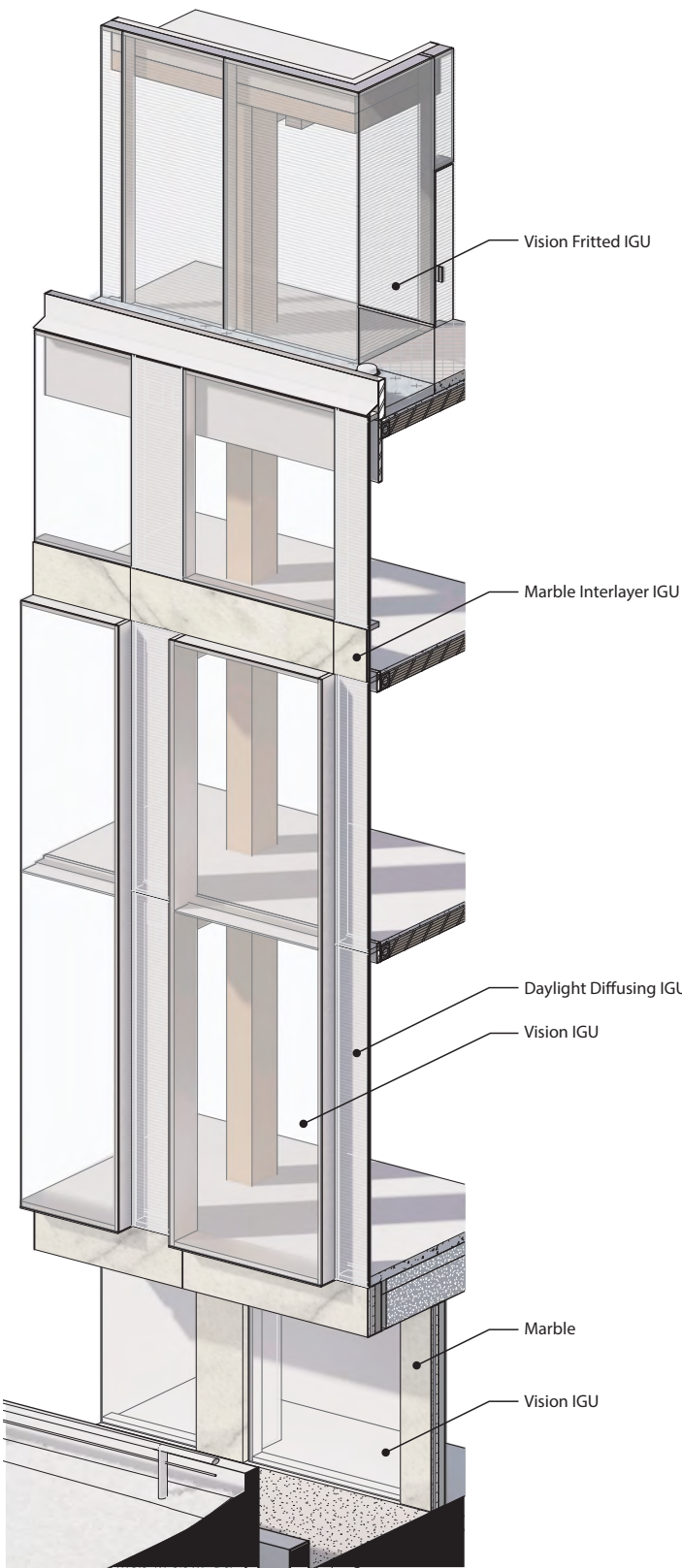
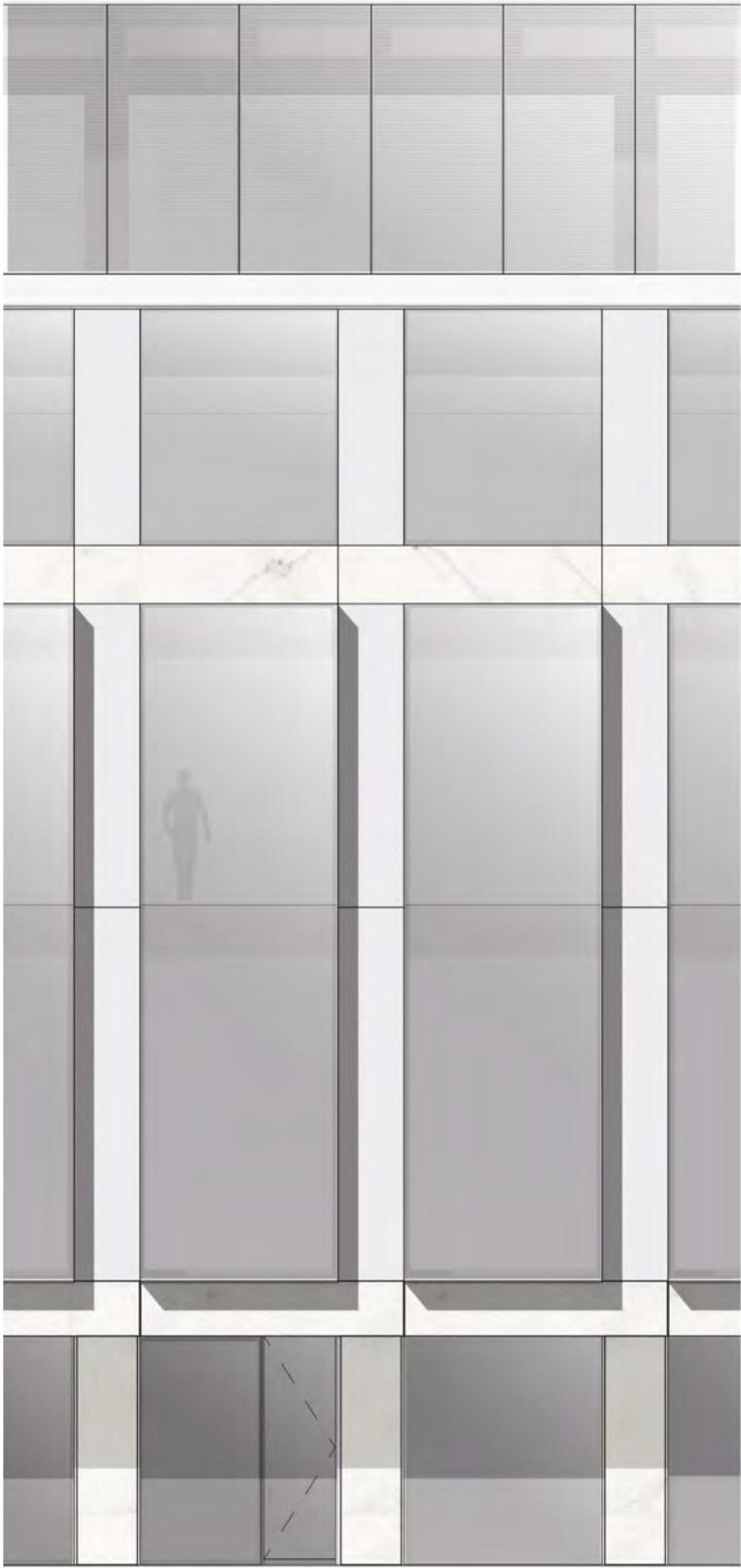
MODEL PHOTOGRAPH SOUTHWEST AERIAL VIEW

3 FRB-EAST DESIGN REFINEMENTS









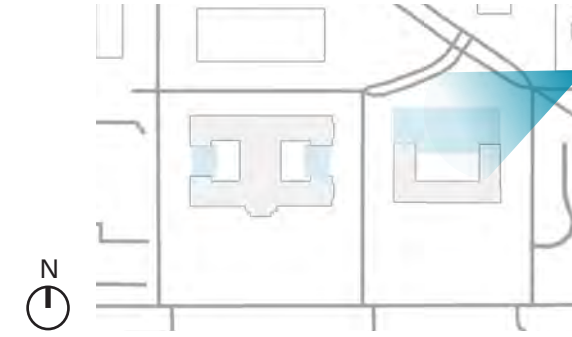
East Elevation



North Elevation



West Elevation

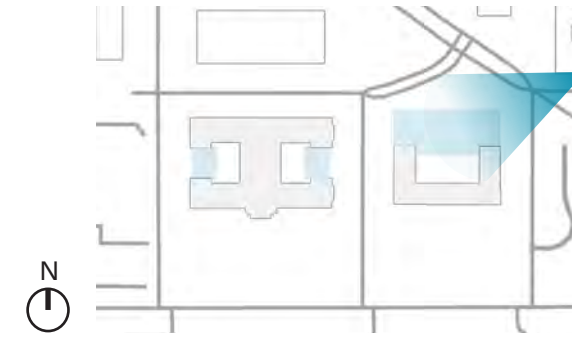


PERSPECTIVE FROM C STREET AND VIRGINIA AVENUE

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

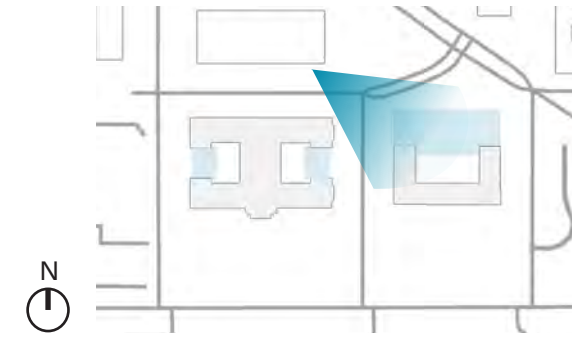


PERSPECTIVE FROM C STREET AND VIRGINIA AVENUE - UPDATED

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

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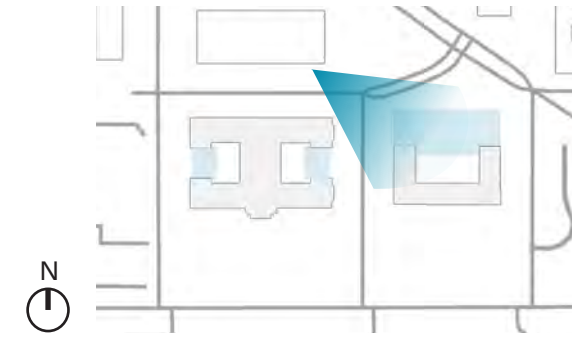


PERSPECTIVE FROM C ST AND 20TH STREET

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

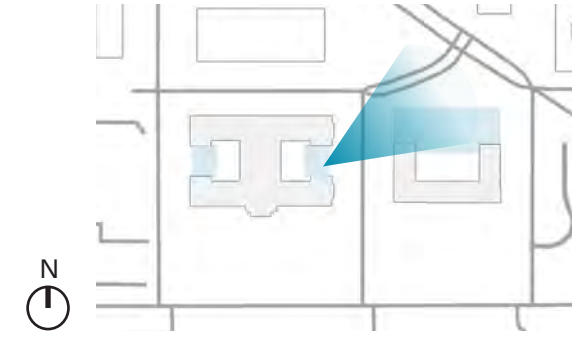


PERSPECTIVE FROM C ST AND 20TH STREET UPDATED

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

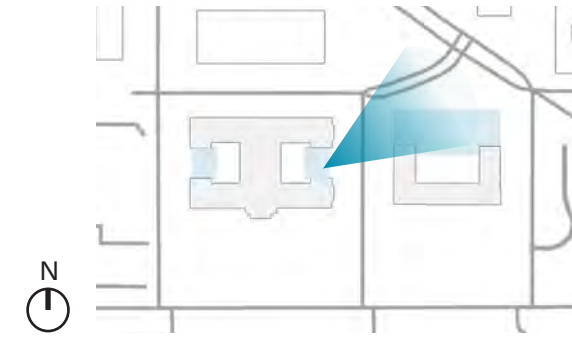


PERSPECTIVE FROM 20TH STREET

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

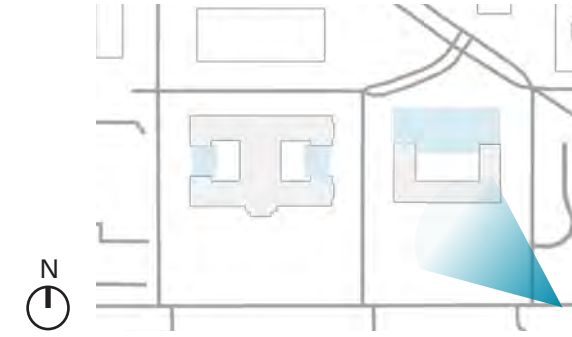


PERSPECTIVE FROM 20TH STREET UPDATED

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

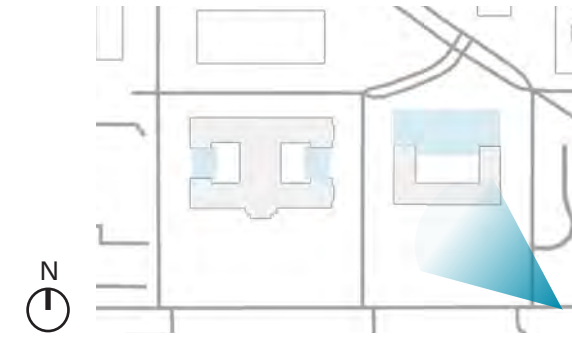


PERSPECTIVE FROM CONSTITUTION AVENUE AND 19TH STREET

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



PERSPECTIVE FROM CONSTITUTION AVENUE AND 19TH STREET UPDATED

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



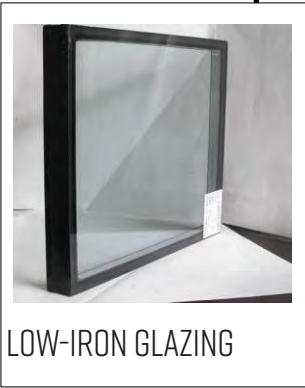
MODEL PHOTOGRAPH FRB-EAST BUILDING EAST VIEW



MODEL PHOTOGRAPH FRB-EAST BUILDING NORTHEAST VIEW



GLAZING



LOW-IRON GLAZING



DIFFUSING GLAZING



CERAMIC FRIT

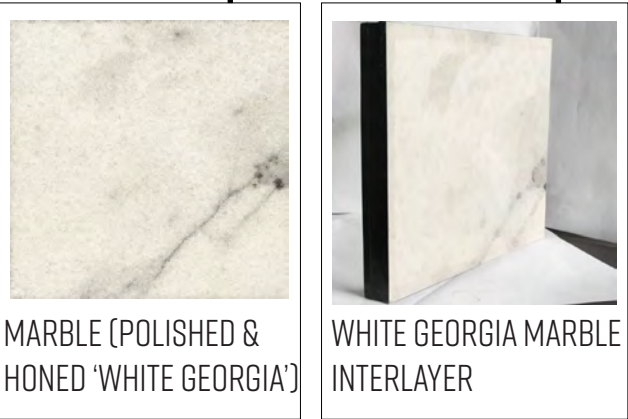
METAL



RANGE OF STAINLESS STEEL FINISHES
(BEAD BLAST AND DIRECTIONAL)

COATED ALUMINUM

STONE



MARBLE (POLISHED &
HONED 'WHITE GEORGIA')

WHITE GEORGIA MARBLE
INTERLAYER

4 ECCLES DESIGN REFINEMENTS

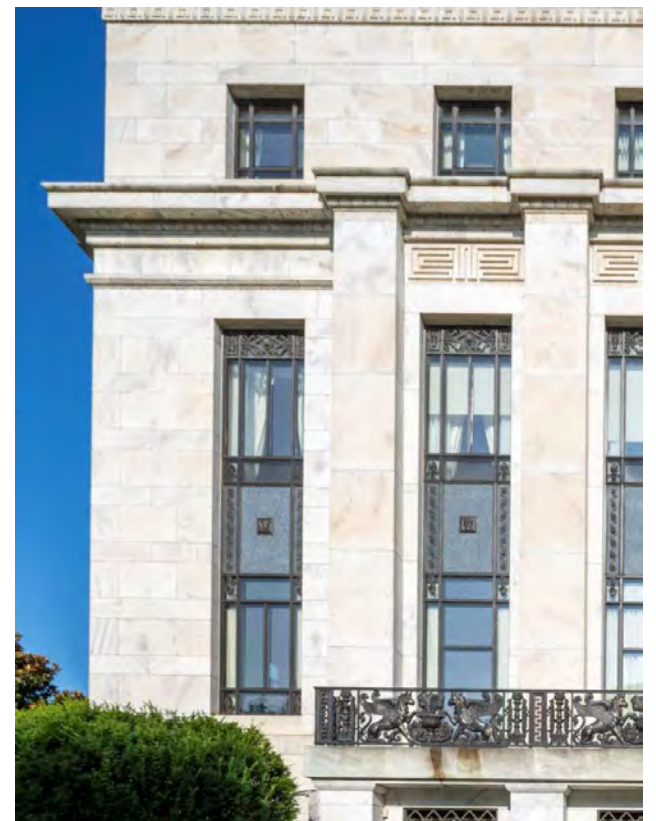
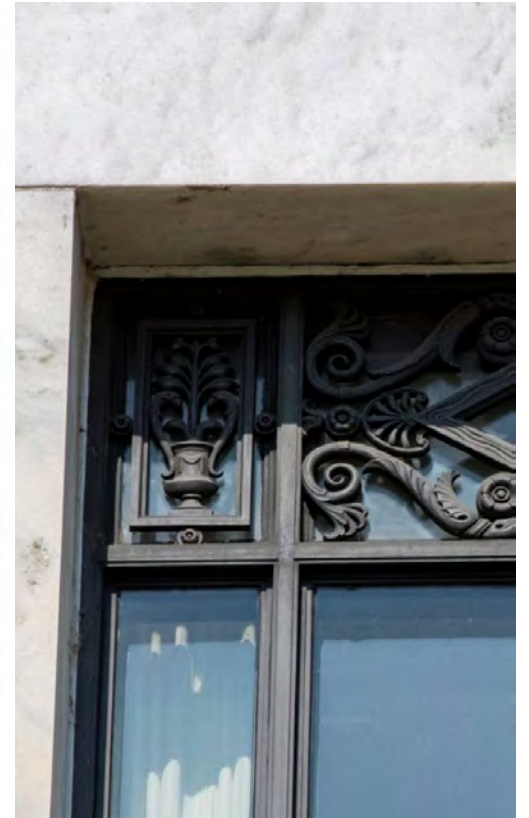


MARRINER S. ECCLES BUILDING

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ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

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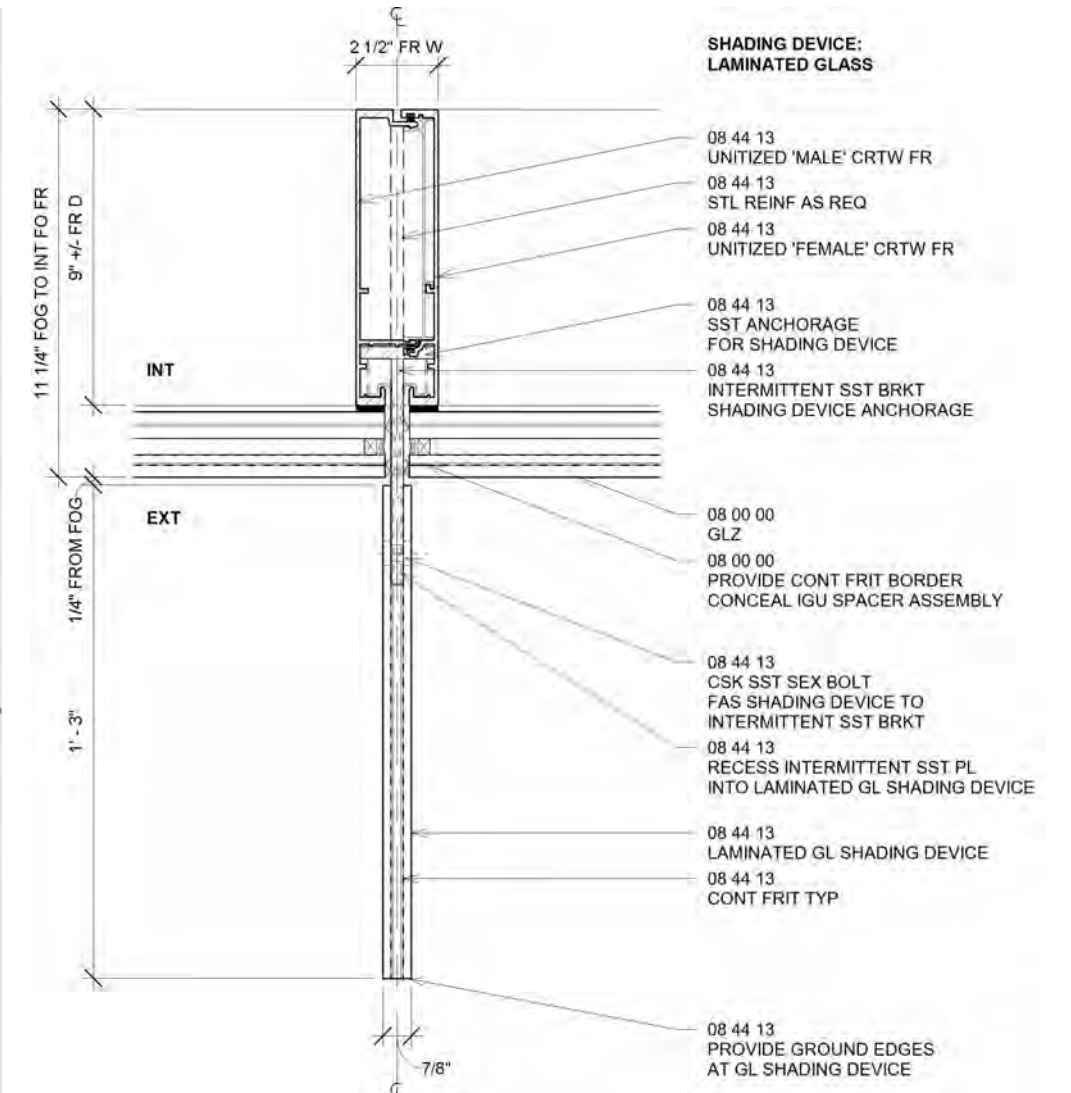


ECCLES MATERIALS

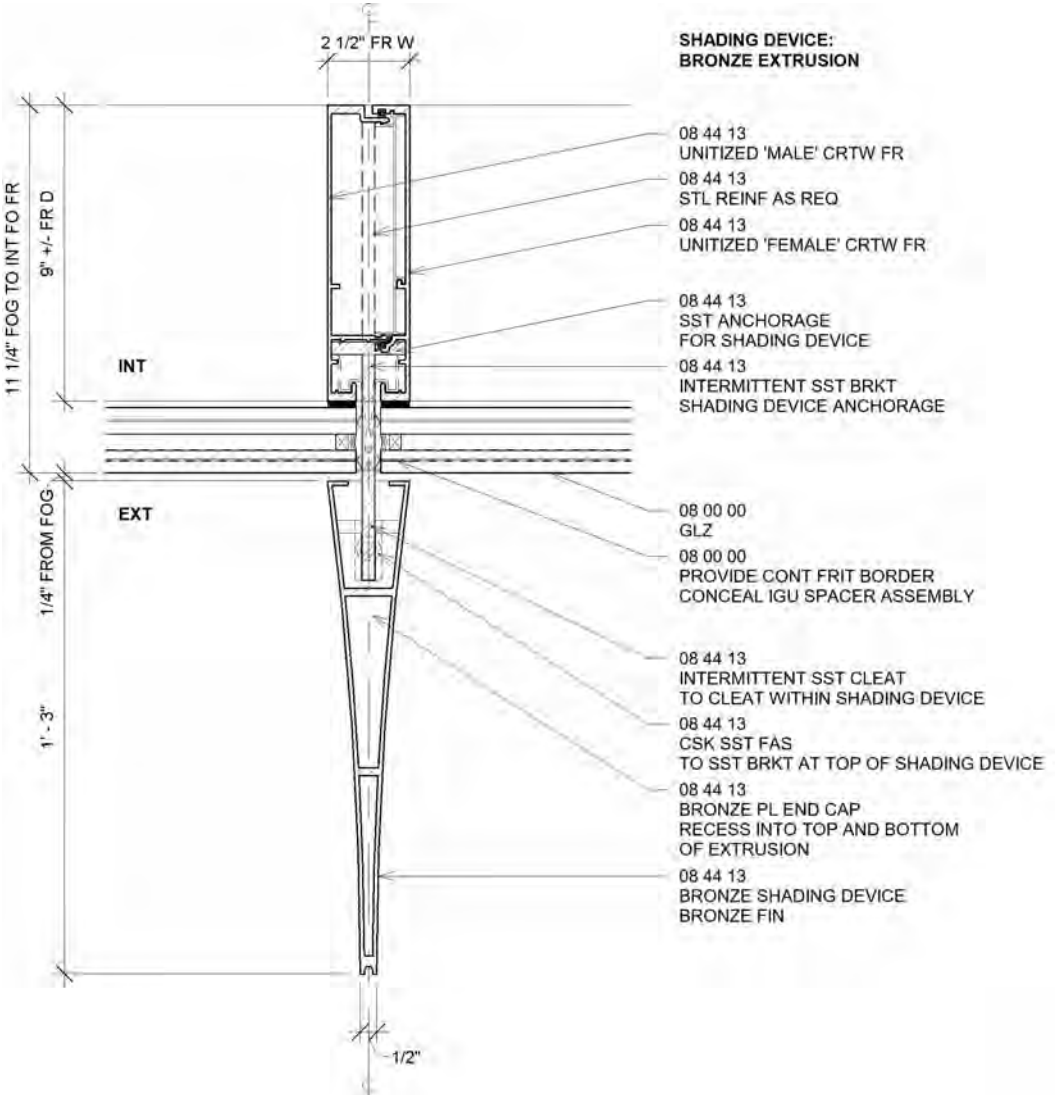
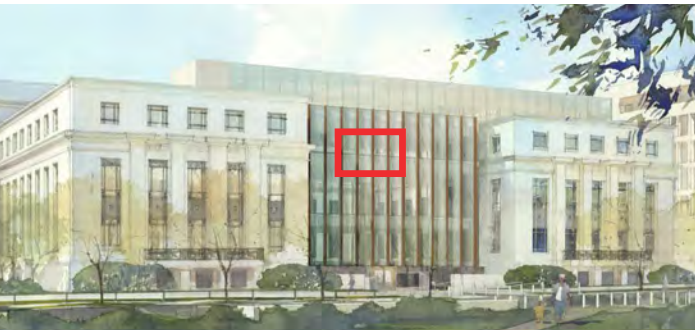
MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

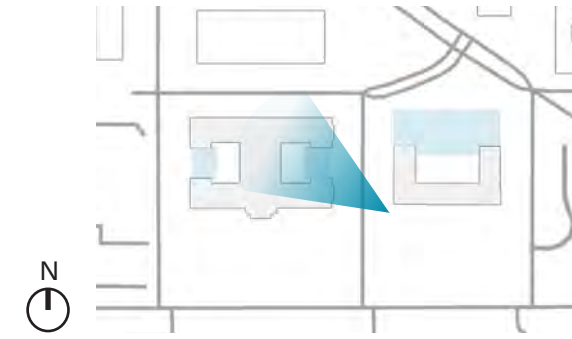
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ECCLES INFILL CLOSE UP - GLASS FINS



ECCLES INFILL CLOSE UP - BRONZE FINS

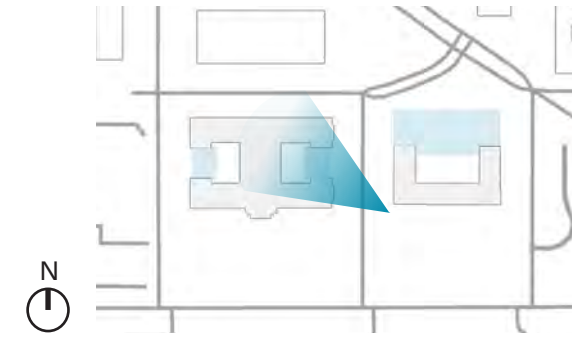


PERSPECTIVE OF ECCLES ENTRANCE ON 20TH STREET

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

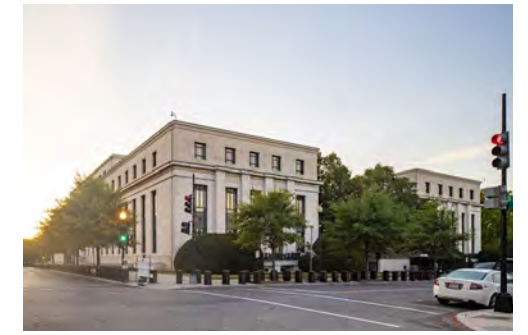
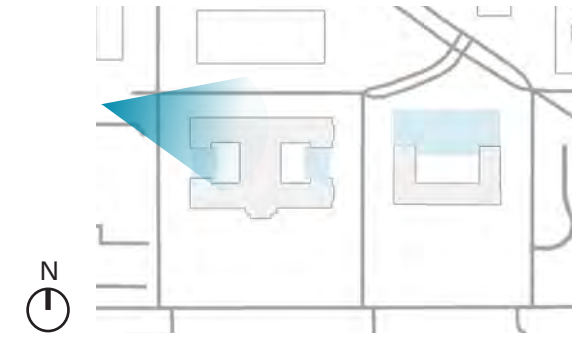


PERSPECTIVE OF ECCLES ENTRANCE ON 20TH STREET UPDATED

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

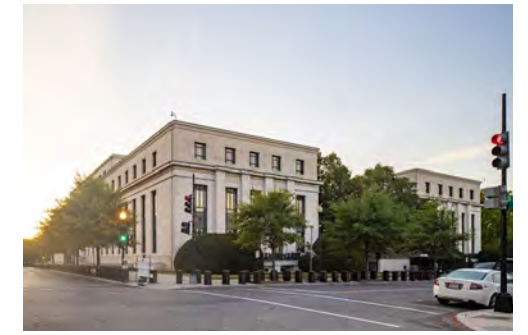
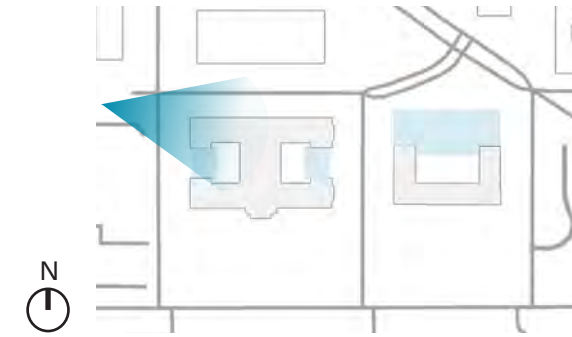


PERSPECTIVE FROM 21ST STREET AND C STREET LOOKING EAST

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

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PERSPECTIVE FROM 21ST STREET AND C STREET LOOKING EAST UPDATED

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



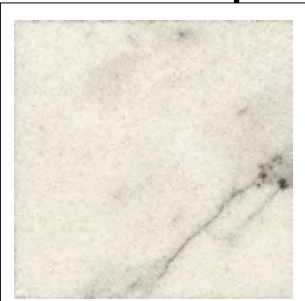
MODEL PHOTOGRAPH ECCLES SOUTHEAST VIEW



MODEL PHOTOGRAPH ECCLES SOUTHEAST VIEW



STONE



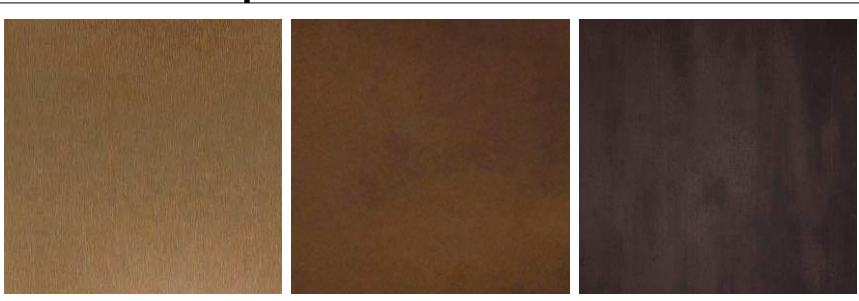
MARBLE (POLISHED & HONED 'WHITE GEORGIA')

GLAZING



LOW-IRON GLAZING

METAL



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

5 ECCLES ATRIUM DESIGN





AERIAL VIEW SKYLIGHT AT LEVEL 5

EGGLES / 1951 DESIGN / CFA / ROPE / SHINE / DESIGN / BUILDING



DOUBLE HEIGHT BRONZE WINDOWS W/ ALBERENE STONE SPANDREL PANELS

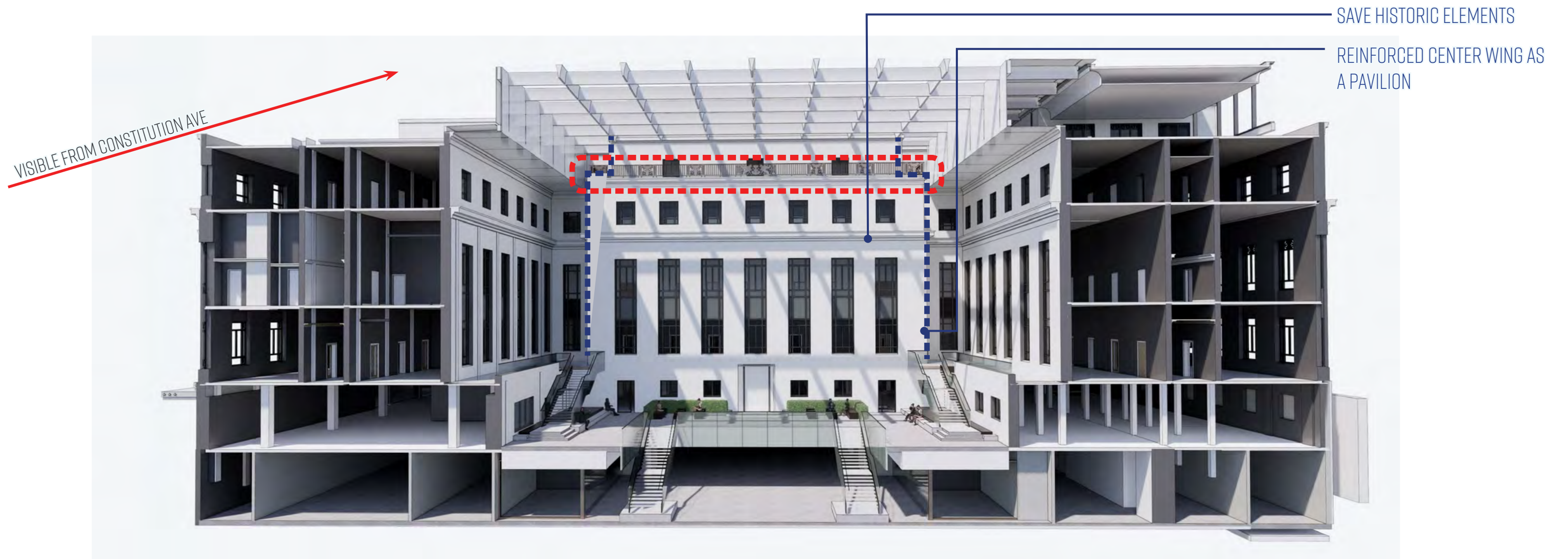
CHARACTER DEFINING FEATURES



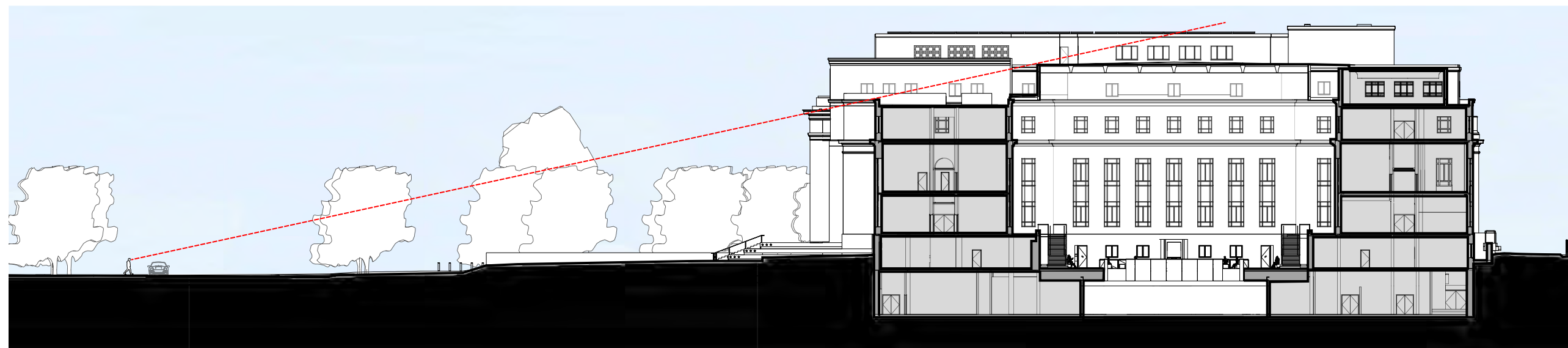
BRONZE RAILING DETAIL



CORNICE (WHITE GEORGIA MARBLE)



SECTION PERSPECTIVE THROUGH EAST COURTYARD



SITE SECTION FROM CONSTITUTION AVENUE THROUGH ECCLES



ECCLES ATRIUM PERSPECTIVE SECTION DUSK VIEW



ECCLES ATRIUM INTERIOR DUSK VIEW

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ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

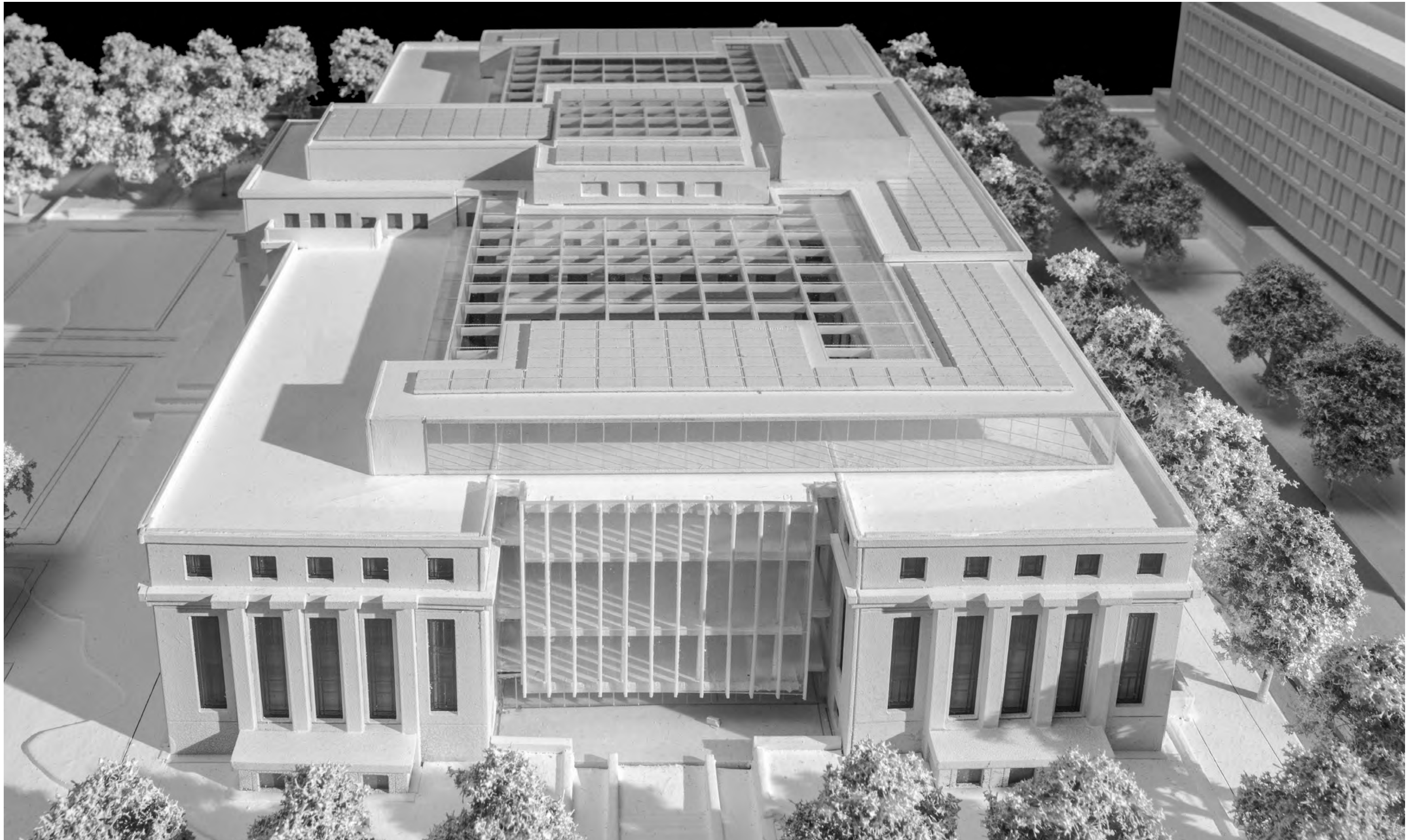


ECCLES ATRIUM INTERIOR DUSK VIEW

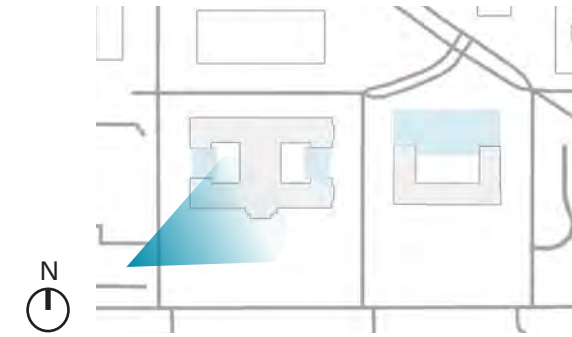
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ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

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MODEL PHOTOGRAPH ECCLES EAST VIEW



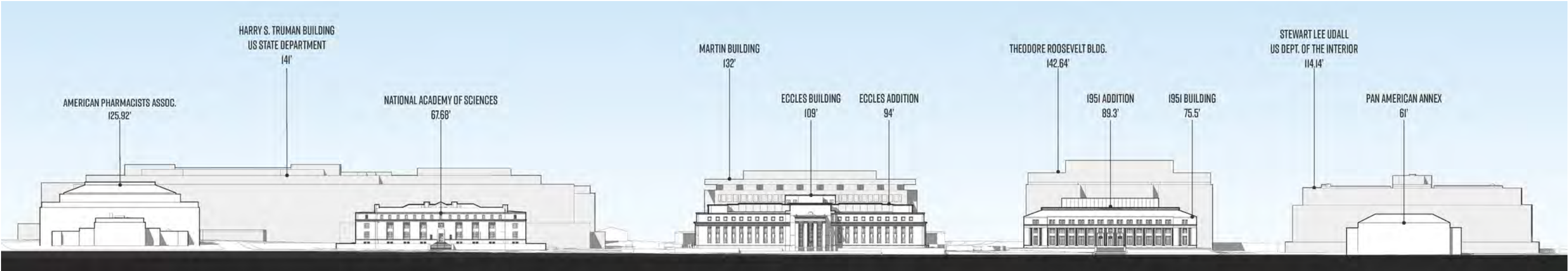
ECCLES SKYLIGHT VIEW FROM CONSTITUTION AVENUE

MAY 21, 2020

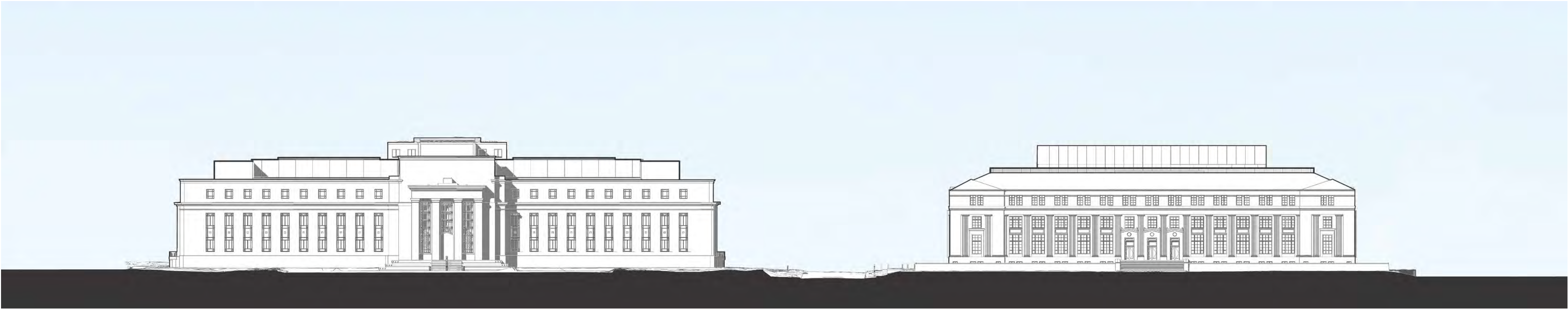
ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM

6 ELEVATIONS

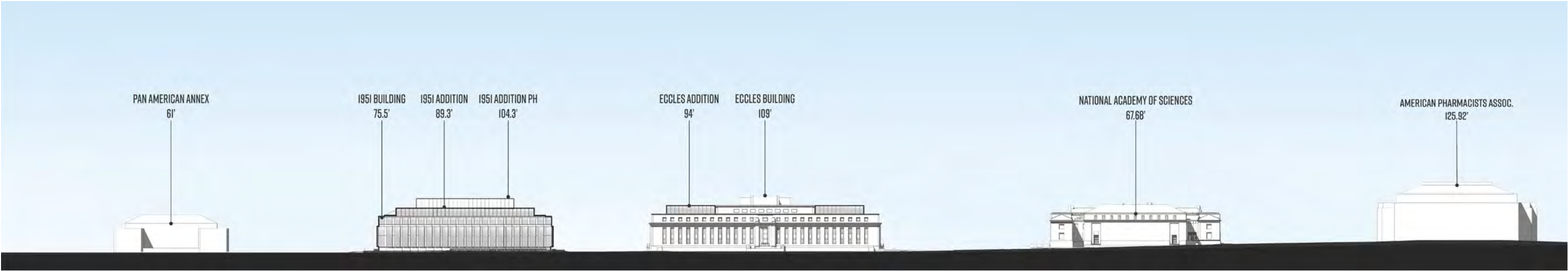


SOUTH ELEVATION FROM 18TH TO 23RD STREET

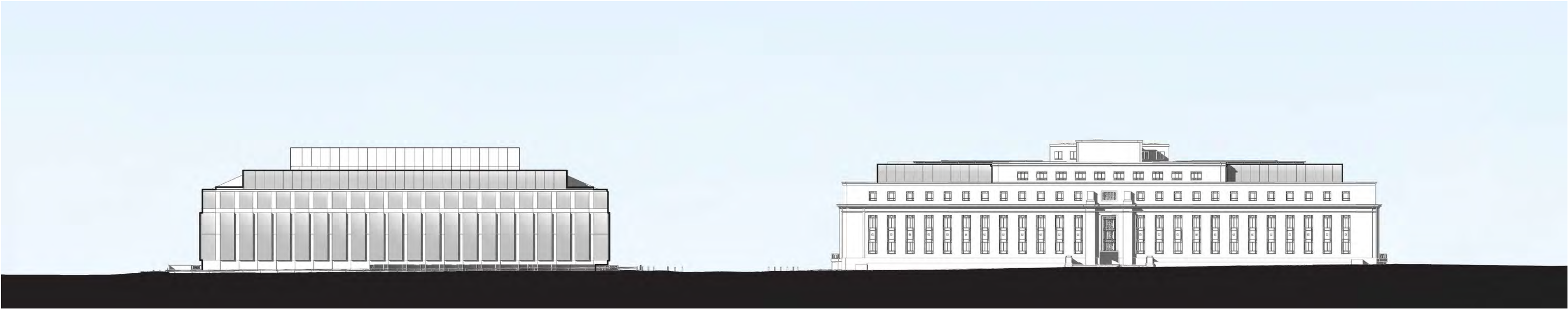


SOUTH ELEVATION FROM 21ST TO 19TH STREET

CONSTITUTION AVENUE ELEVATIONS



NORTH ELEVATION FROM 18TH TO 23RD STREET

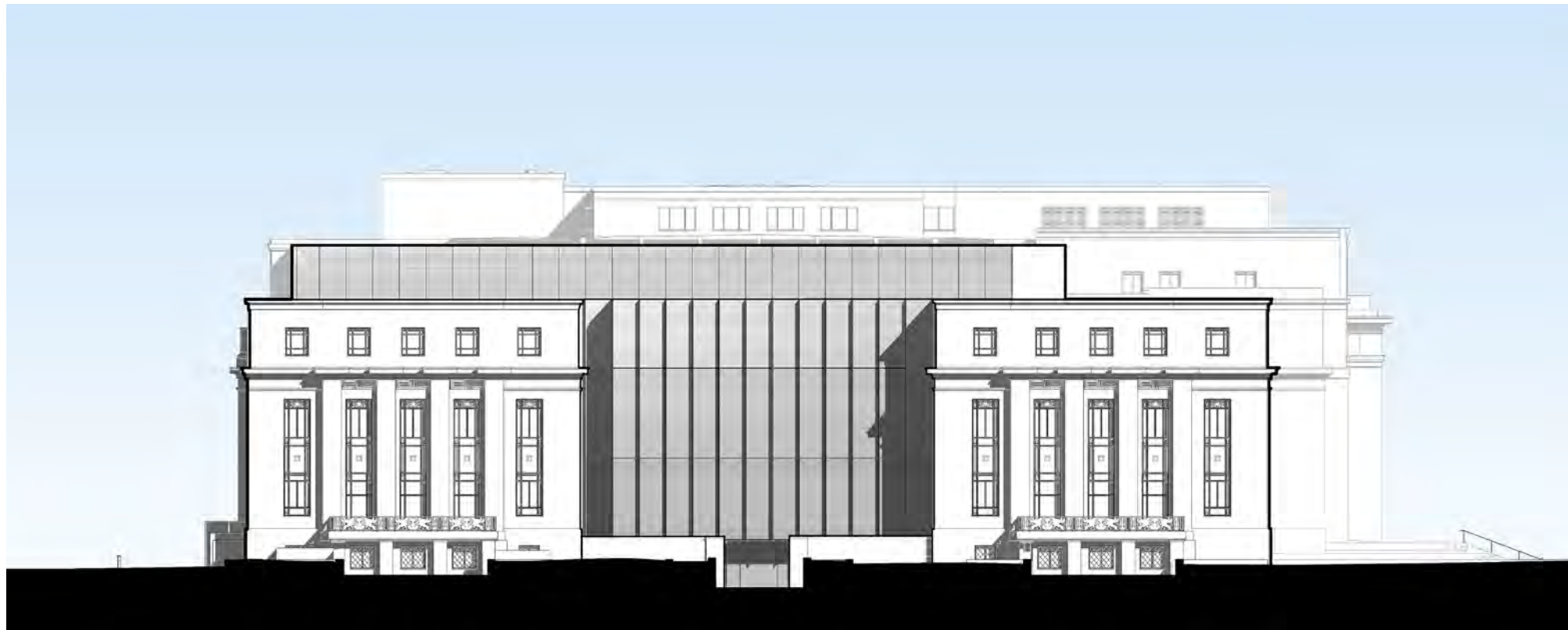


NORTH ELEVATION FROM 21ST TO 19TH STREET

C STREET ELEVATIONS



EAST ELEVATION

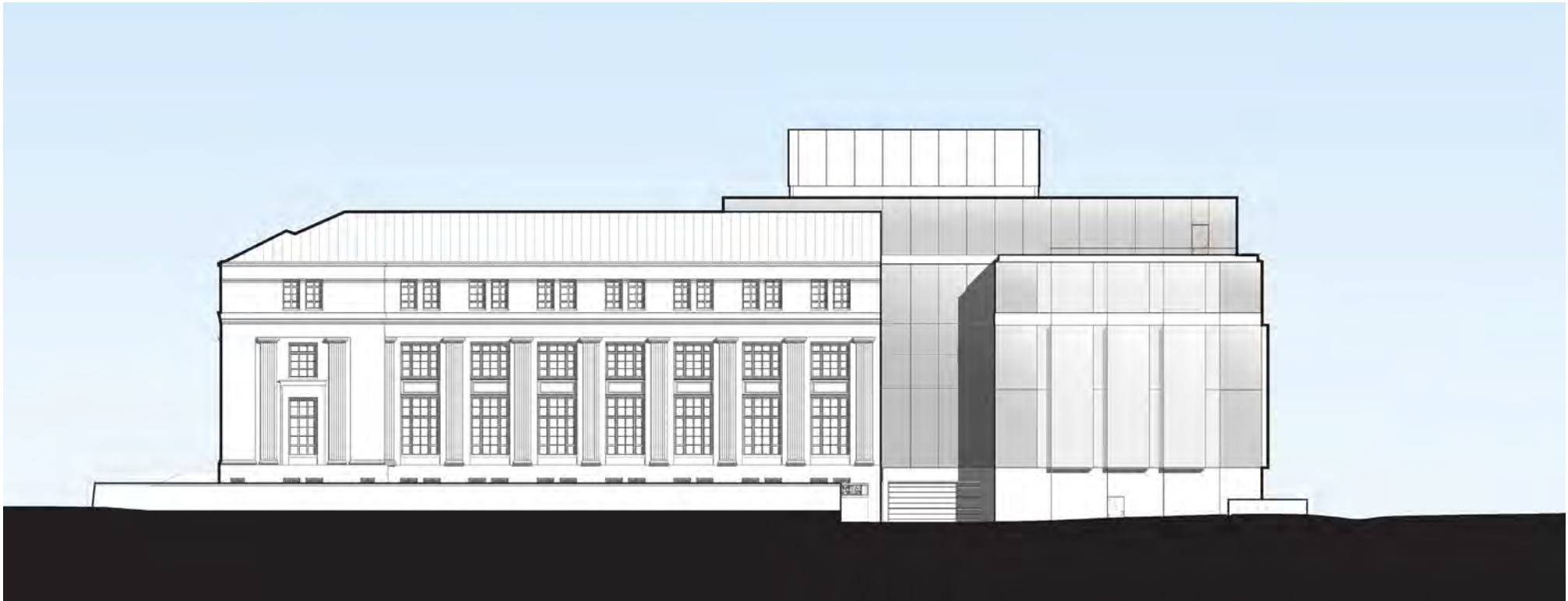


WEST ELEVATION

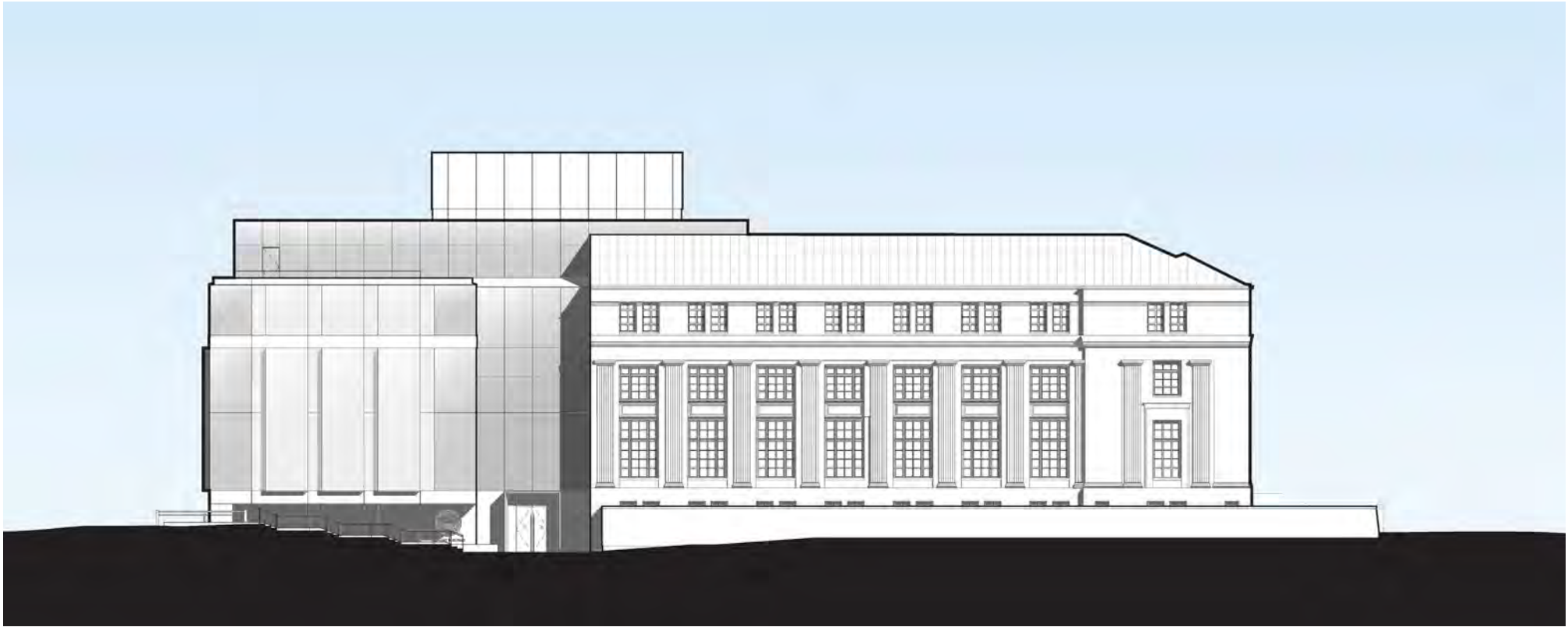
ECCLES ELEVATIONS



EAST ELEVATION



WEST ELEVATION

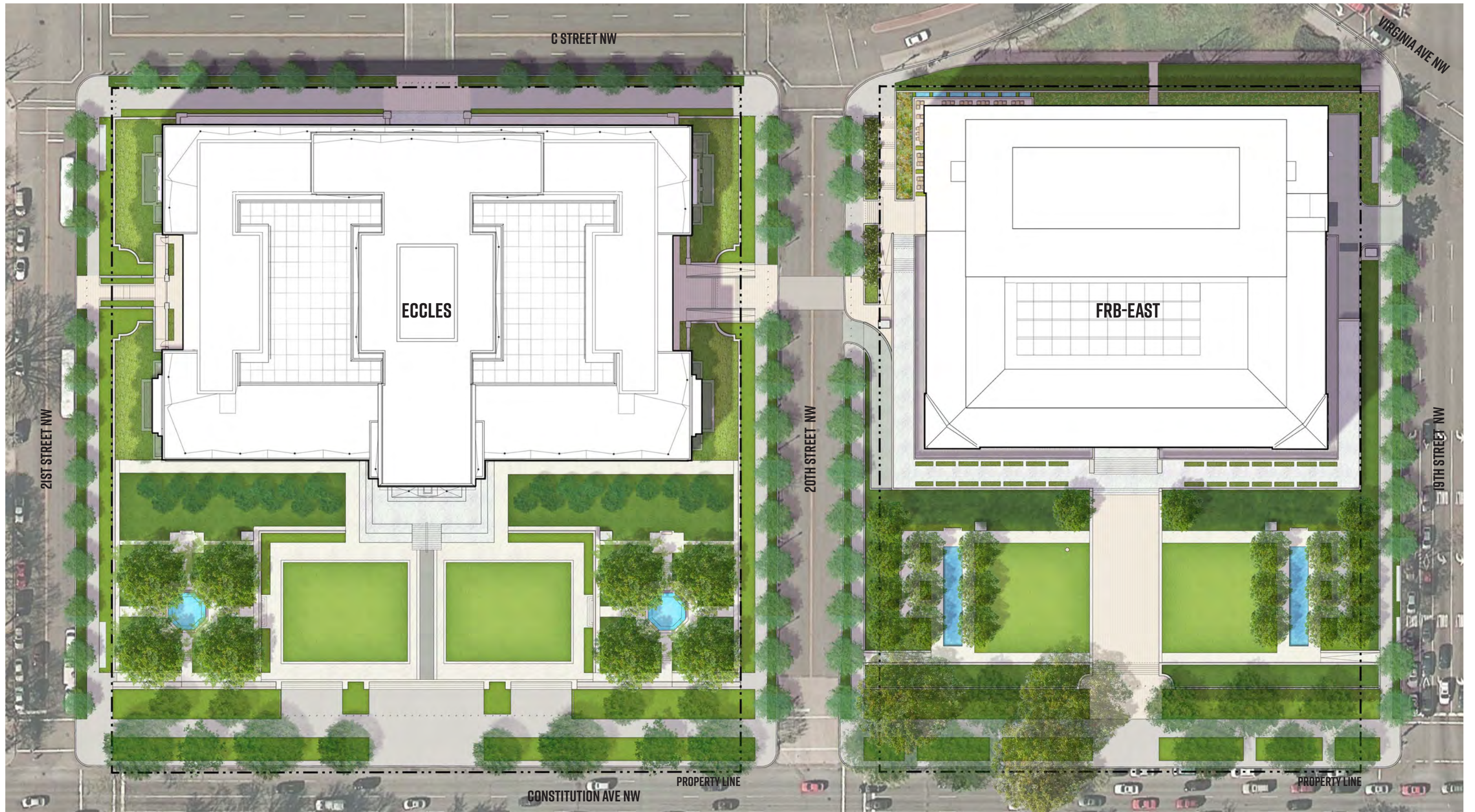


FRB-EAST ELEVATIONS



7

**LANDSCAPE
DESIGN**



LANDSCAPE PLAN

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

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ECCLES - HEAVY BRONZE BOLLARDS AT SOUTHERN GARDEN TERRACE



FRB-EAST BUILDING - 20TH STREET WITH NO STREET TREES OR PLANTING AT CURB



ECCLES - HEAVY BRONZE BOLLARDS AT 20TH ST. NEAR ACCESSIBLE ENTRANCE

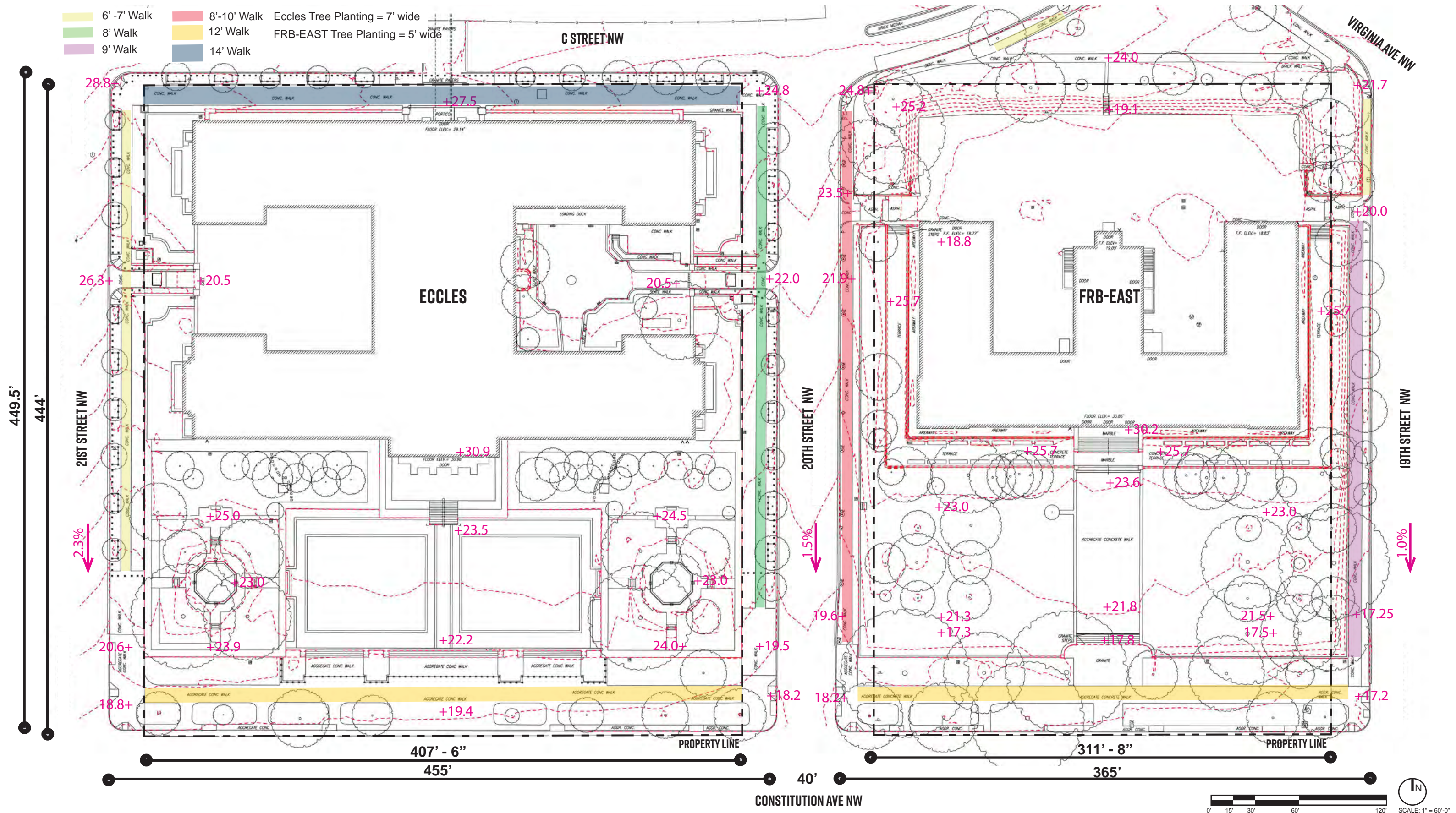


FRB-EAST BUILDING - SLOPED PLANTED AREA AT TERRACE WALL @ 19TH ST.

EXISTING SECURITY MEASURES & DETERRENTS

- 6' -7' Walk
- 8' Walk
- 9' Walk
- 8'-10' Walk
- 12' Walk
- 14' Walk

Eccles Tree Planting = 7' wide
FRB-EAST Tree Planting = 5' wide

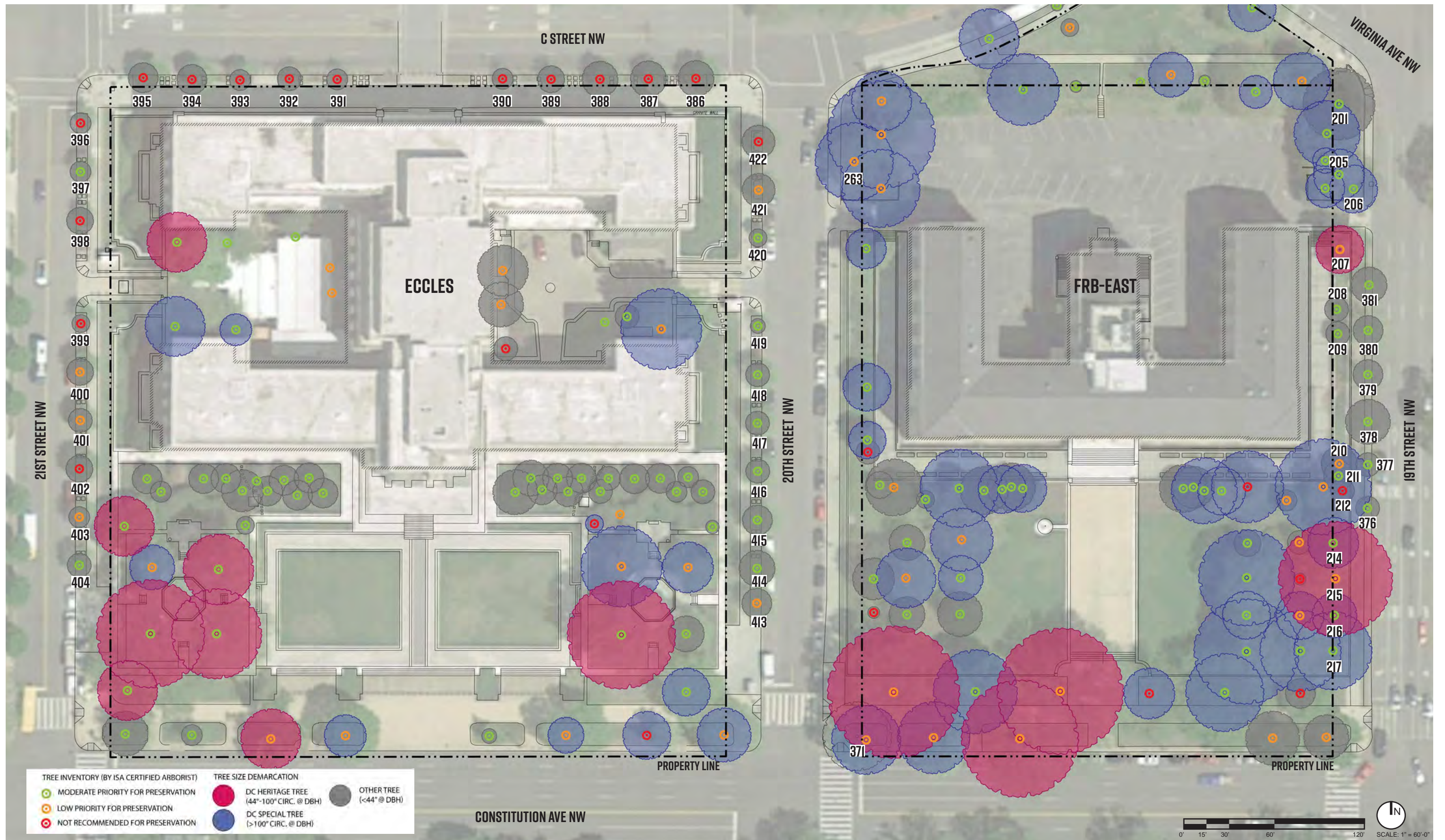


EXISTING ANALYSIS SIDEWALK WIDTHS & GRADING

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ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

FORTUS | BOARD OF GOVERNORS - THE FEDERAL RESERVE SYSTEM



EXISTING TREE ANALYSIS TREE HEALTH & SIZE

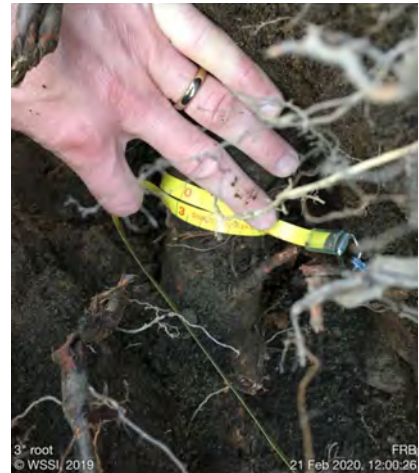
EXISTING STREET TREES TO BE REMOVED & REPLACED (NOT INCLUDING TREES INBOARD OF SIDEWALK):

- TREES REMOVED: 35 TREES (BASED ON DDOT DATABASE)
- CALIPER RANGE: 7" TO 12"
- AVERAGE CALIPER: +/- 9"
- AVERAGE HEALTH: MODERATE TO POOR
- TYPICAL CONDITION: MANY OF THE STREET TREES SHOW BASAL DAMAGE ALL THE WAY AROUND, GLOOMY SCALE, RESTRICTED ROOTING AREA.



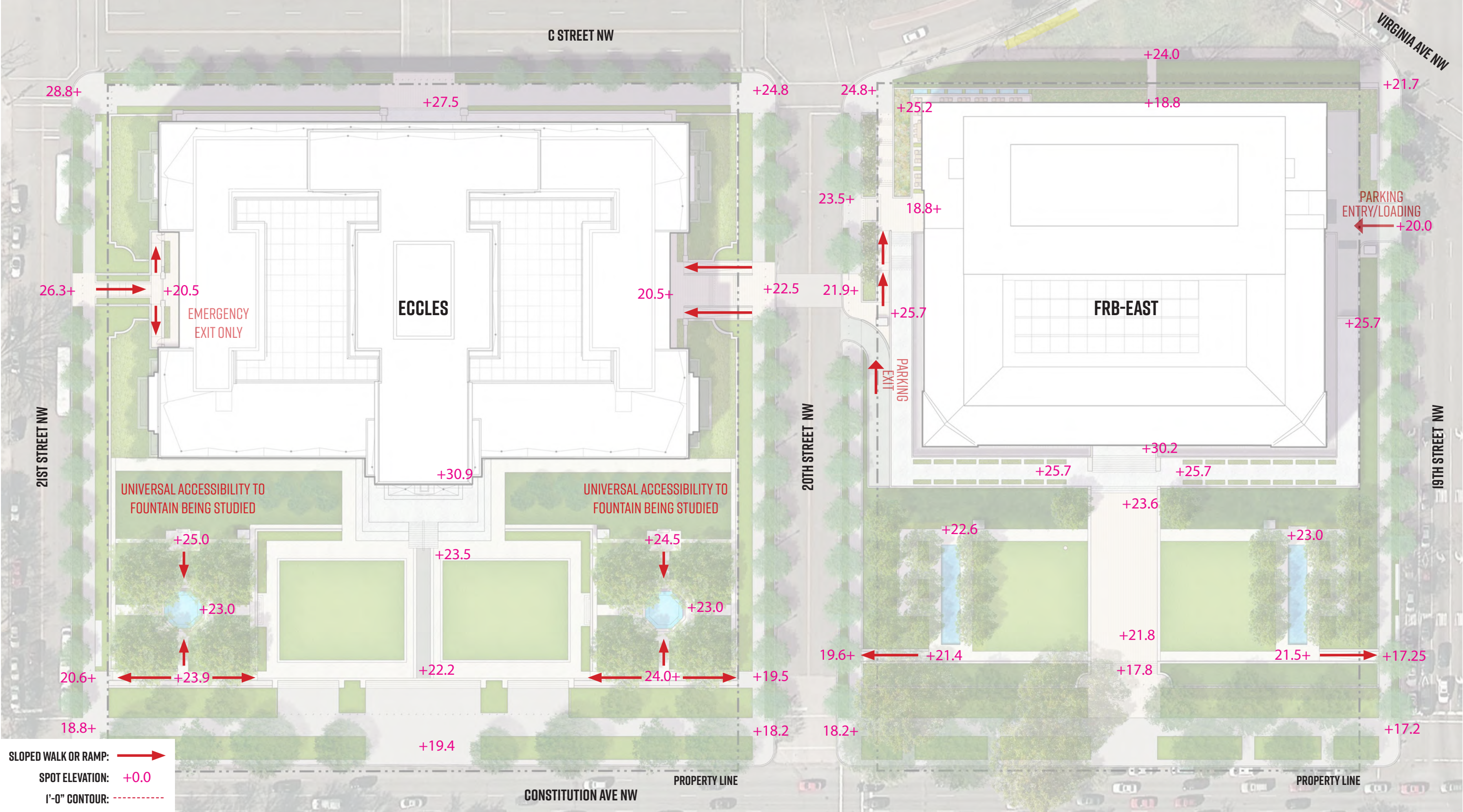
Figure 15: The flat side of the trunk entering the soil suggests that this street tree has a belowground girdling root.

EXISTING TREE ANALYSIS HEALTH & SIZE

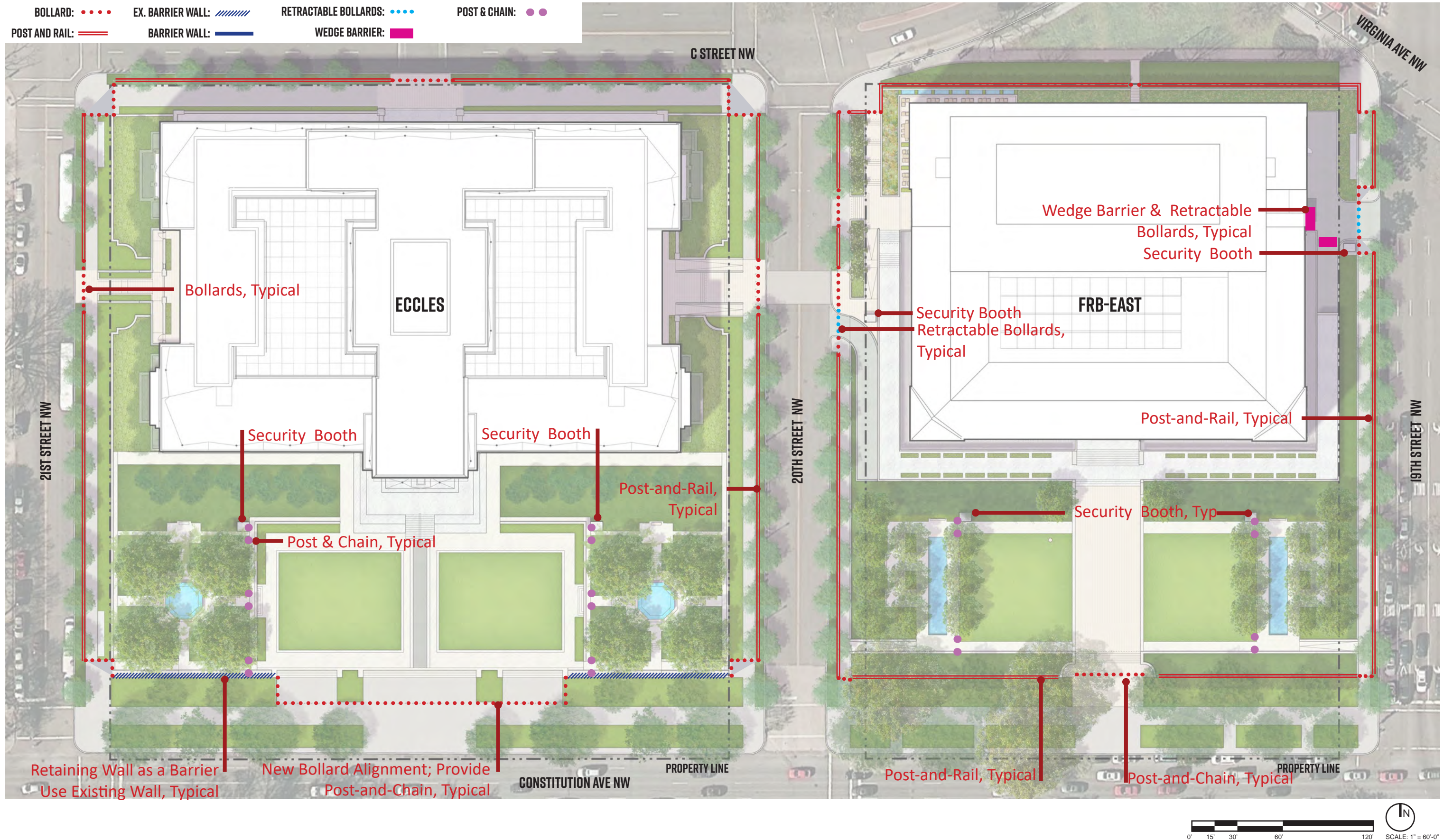


DC HERITAGE TREE 215

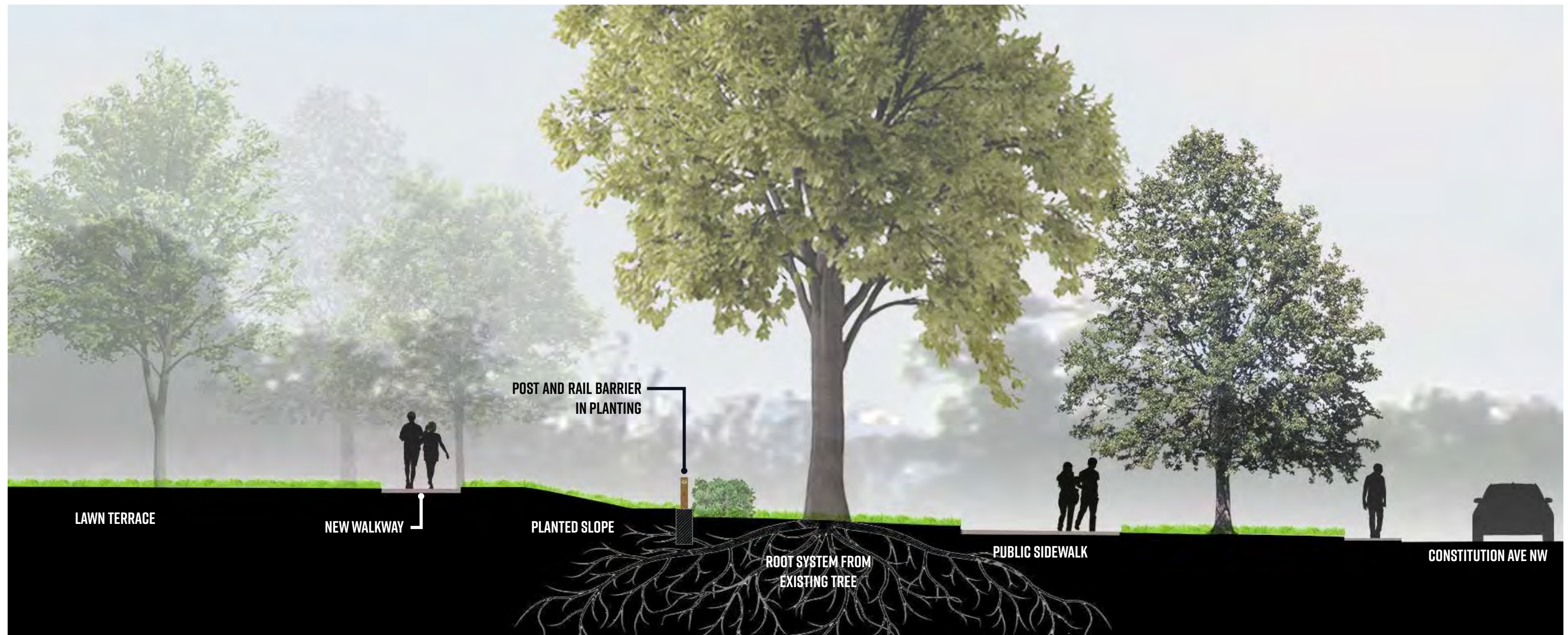
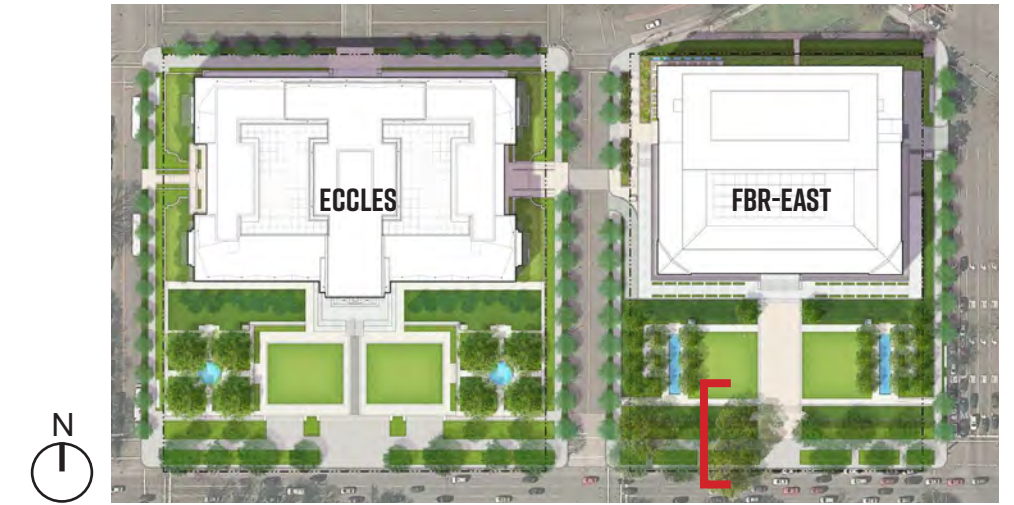
Figure 16: Basal damage and decay on an oak. Extensive woundwood formation suggests good vigor, but this is a major wound that will become life-limiting. This tree also exhibits an excessive lean.



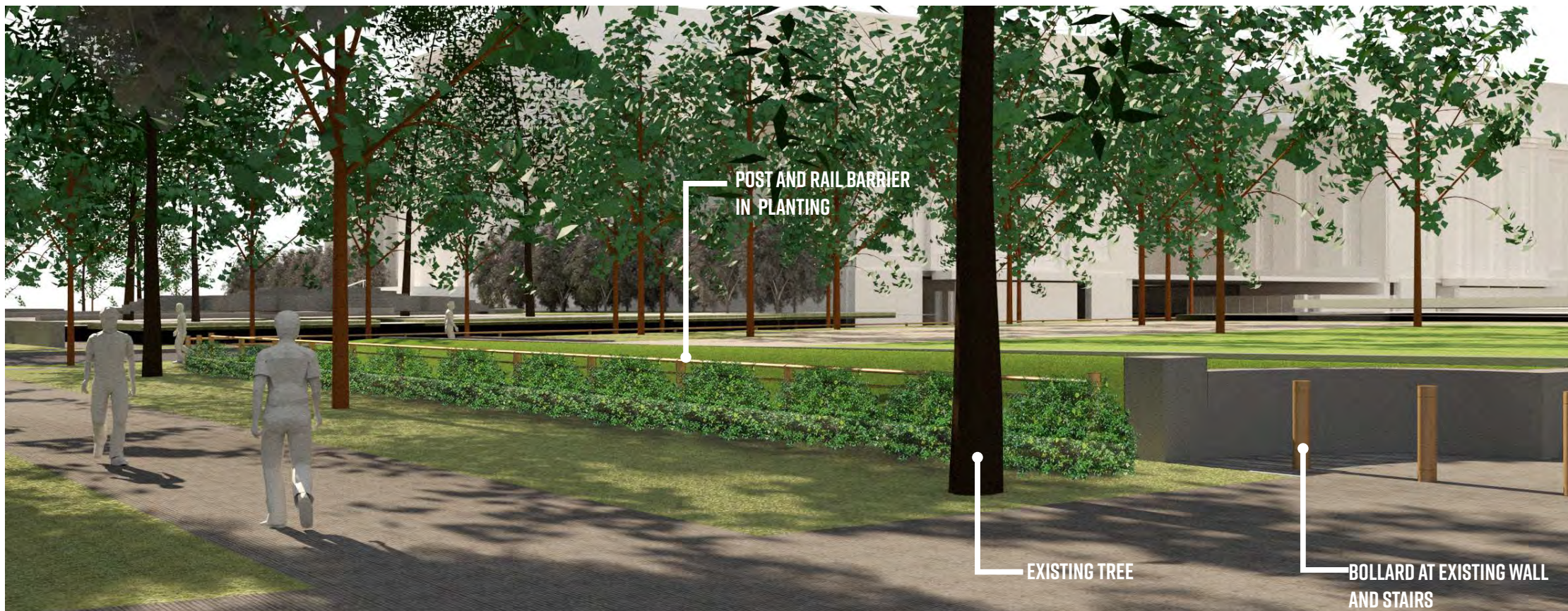
PROPOSED GRADING AND ACCESSIBILITY



SITE SECURITY DIAGRAM



FRB-EAST BUILDING CONSTITUTION AVE SECTION NORTH/SOUTH



FRB-EAST BUILDING CONSTITUTION AVE VIEW POST AND RAIL BARRIER

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ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

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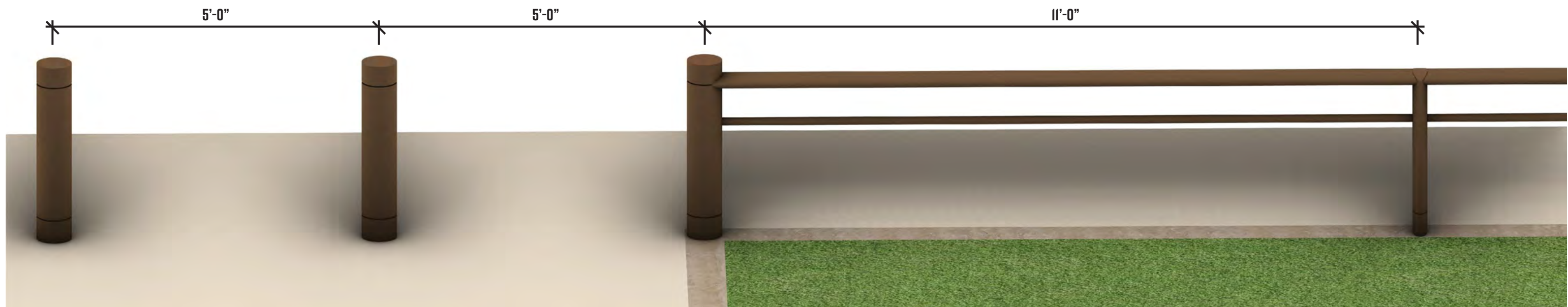
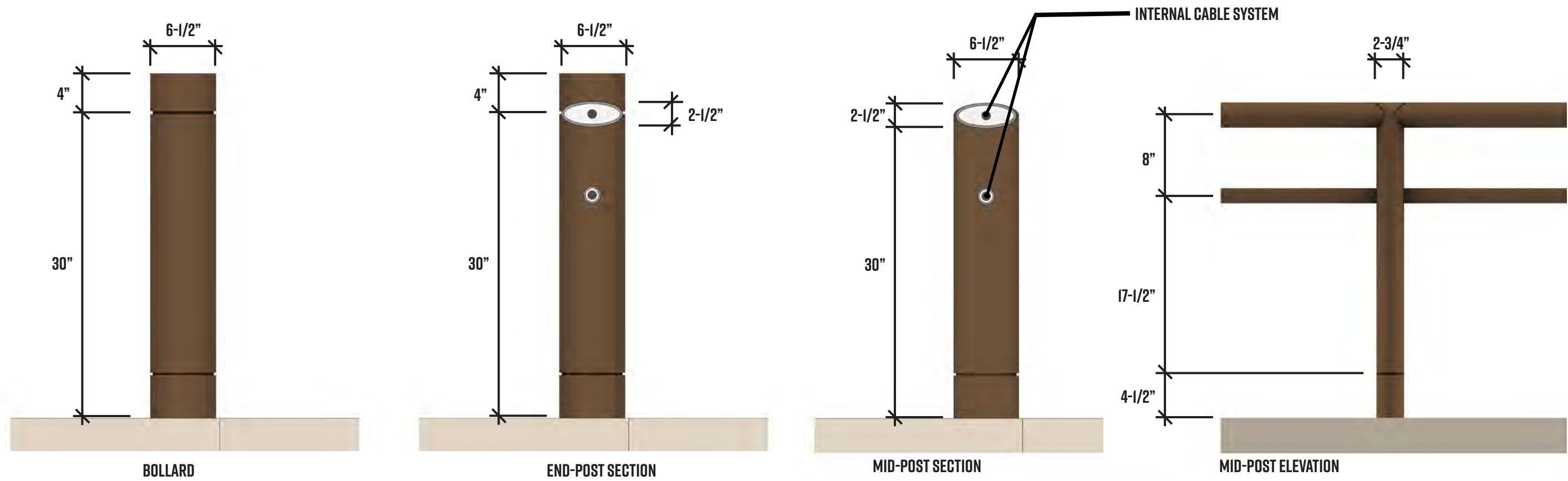


HOOVER BUILDING SITE SECURITY (CRTKL)

MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

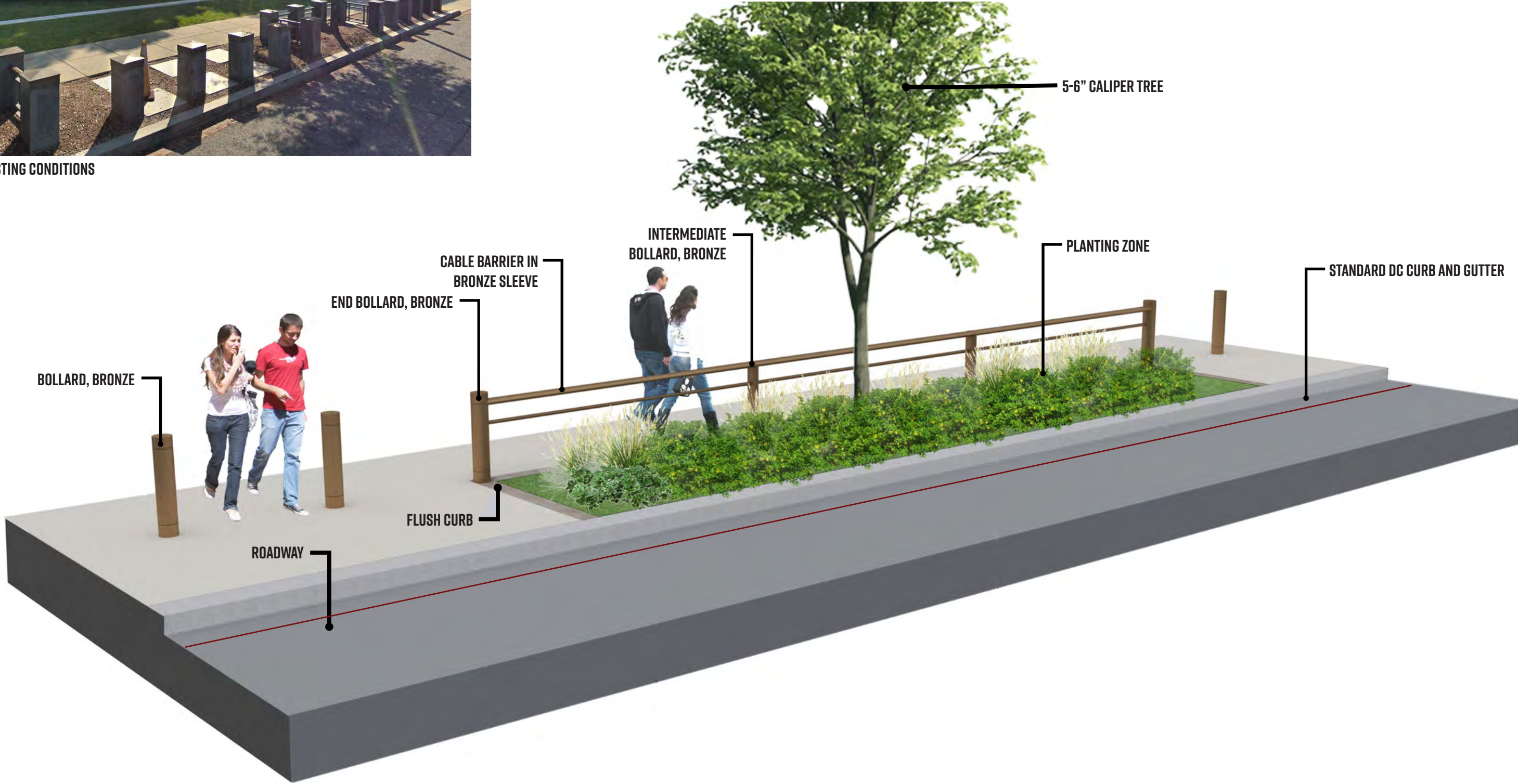
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POST & RAIL VEHICULAR BARRIER



EXISTING CONDITIONS



POST & RAIL VEHICULAR BARRIER

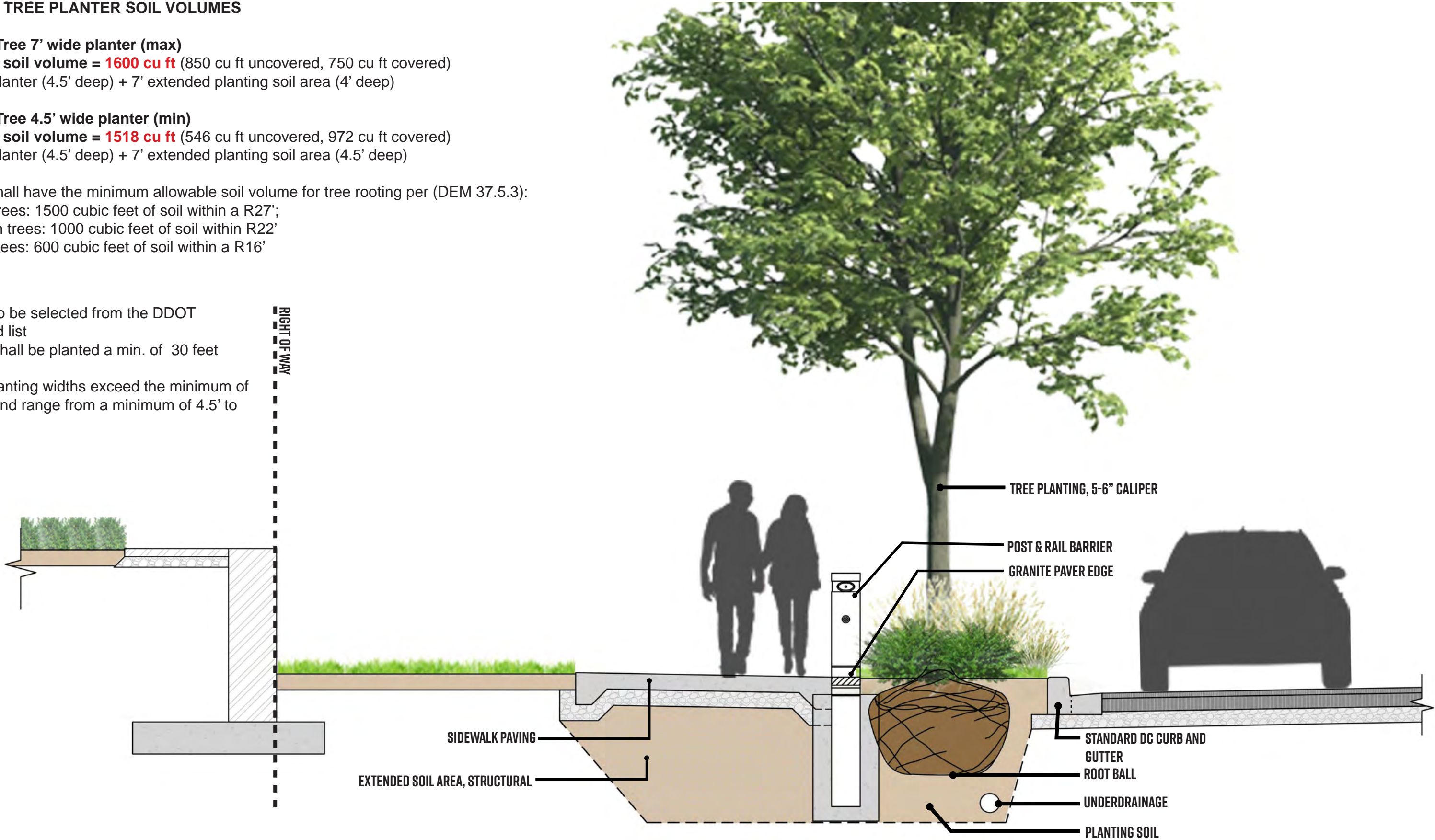
STREET TREE PLANTER SOIL VOLUMES

Typical Tree 7’ wide planter (max)
Average soil volume = 1600 cu ft (850 cu ft uncovered, 750 cu ft covered)
7’ wide planter (4.5’ deep) + 7’ extended planting soil area (4’ deep)

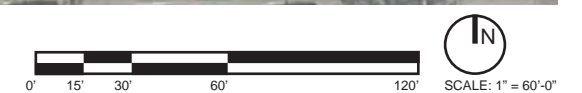
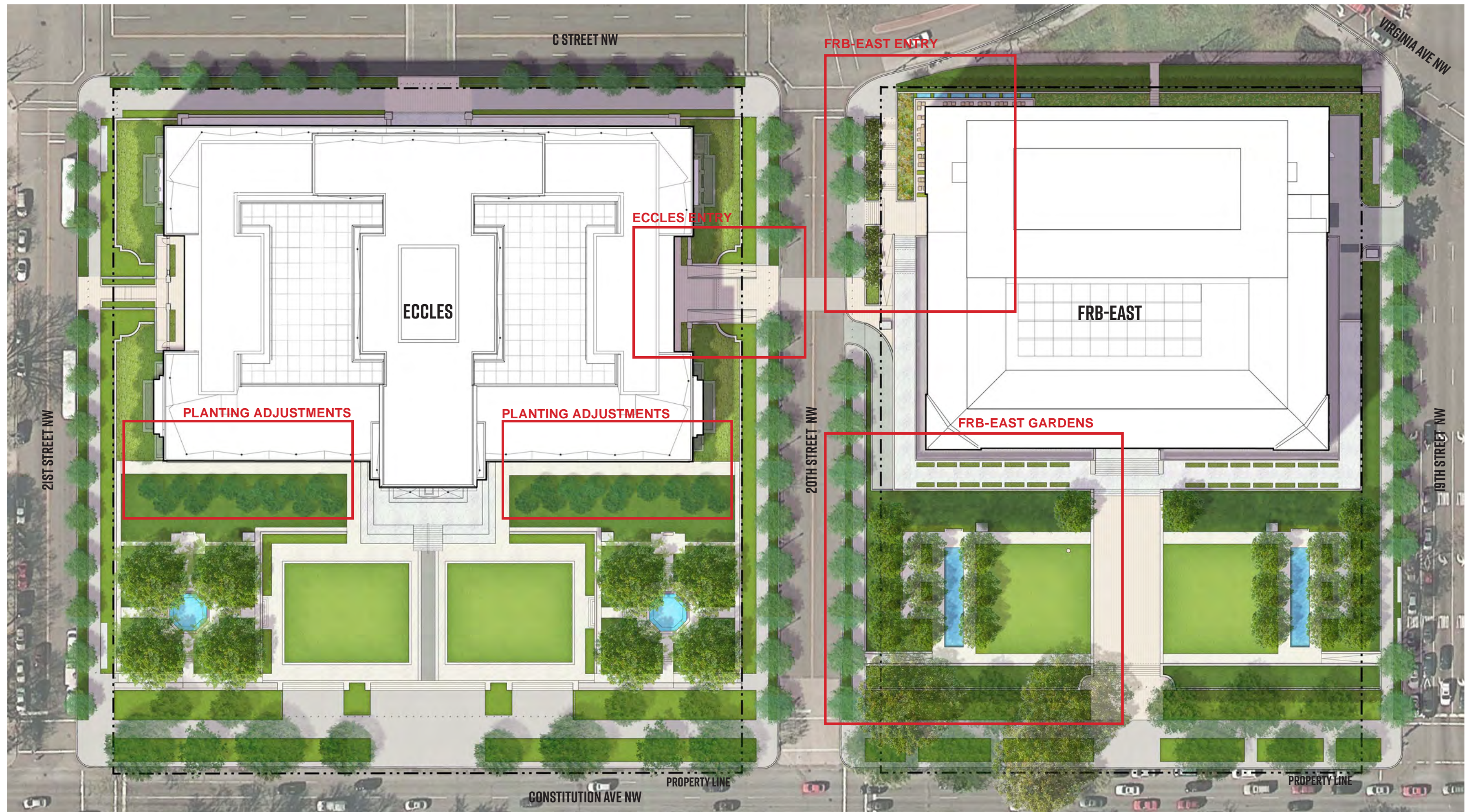
Typical Tree 4.5’ wide planter (min)
Average soil volume = 1518 cu ft (546 cu ft uncovered, 972 cu ft covered)
7’ wide planter (4.5’ deep) + 7’ extended planting soil area (4.5’ deep)

- *Trees shall have the minimum allowable soil volume for tree rooting per (DEM 37.5.3):
- Large trees: 1500 cubic feet of soil within a R27’;
 - Medium trees: 1000 cubic feet of soil within R22’
 - Small trees: 600 cubic feet of soil within a R16’

- Trees to be selected from the DDOT approved list
- Trees shall be planted a min. of 30 feet apart
- Tree planting widths exceed the minimum of 4’ wide and range from a minimum of 4.5’ to 7’ wide.



TYPICAL STREET TREE PLANTING DETAIL

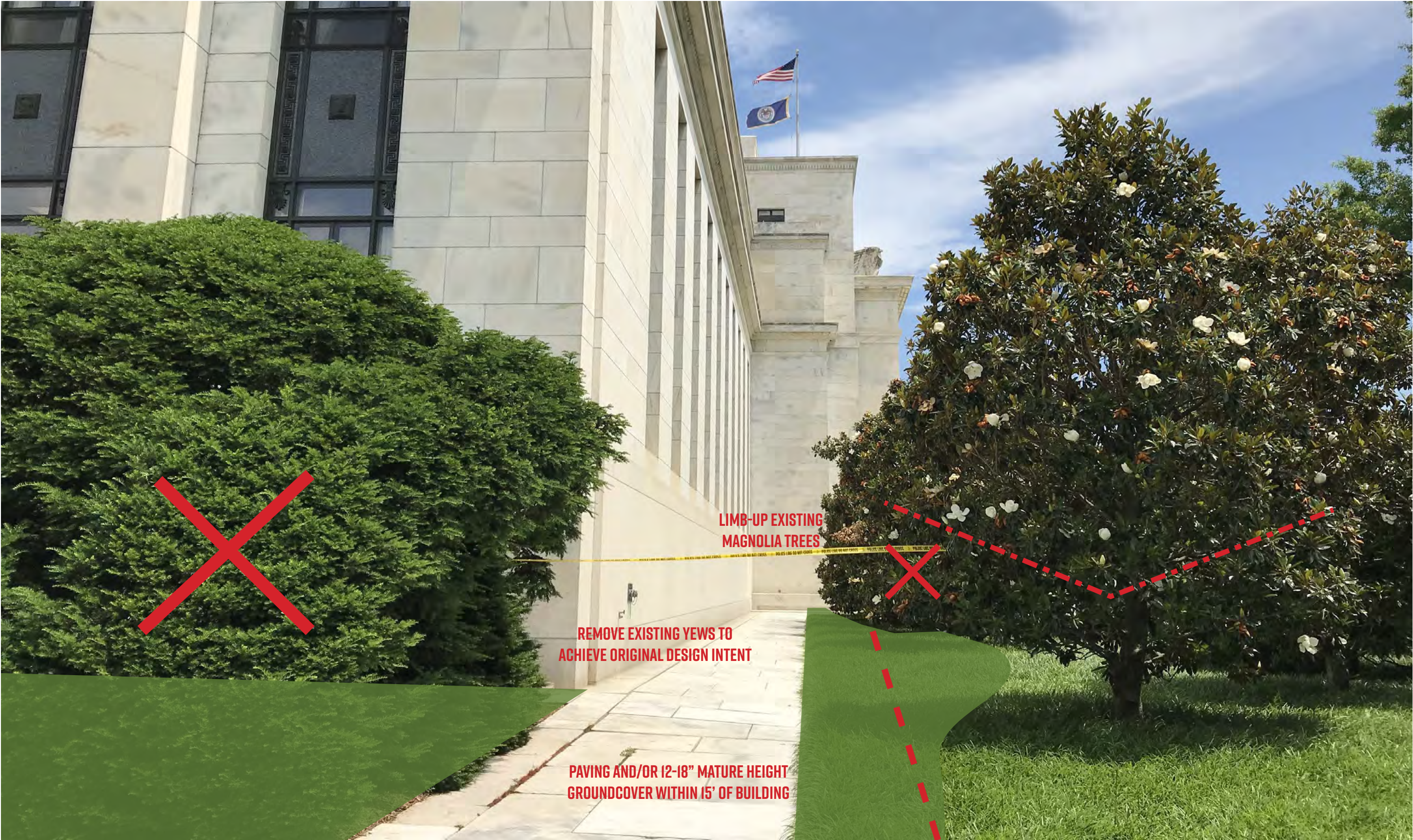


LANDSCAPE PLAN

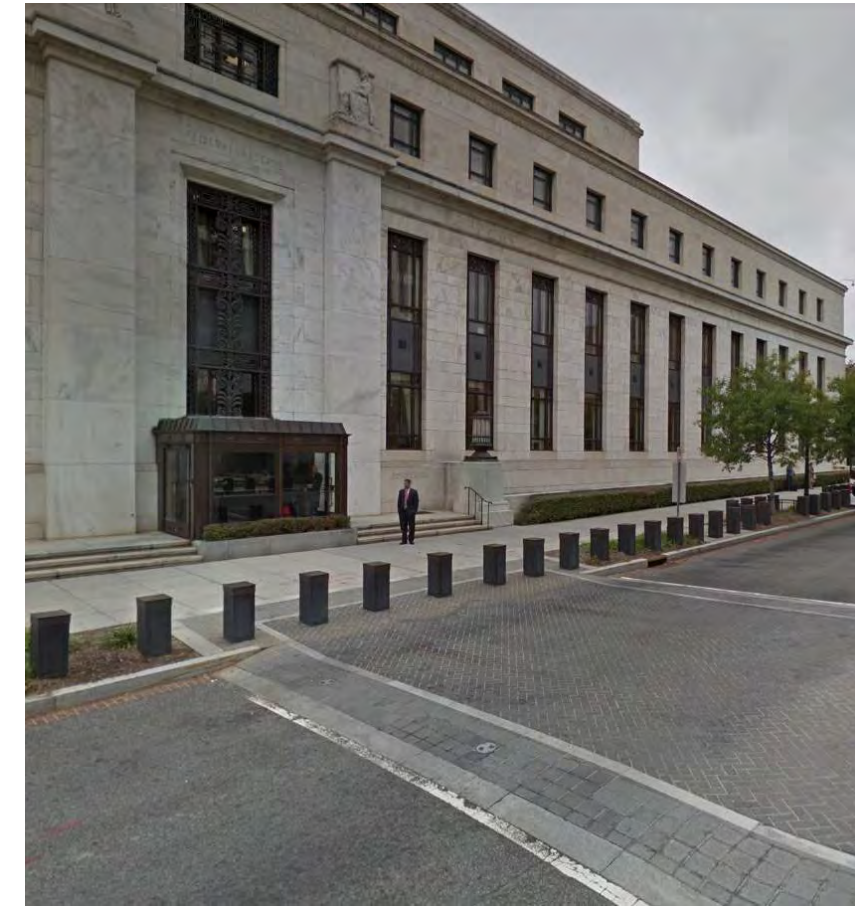
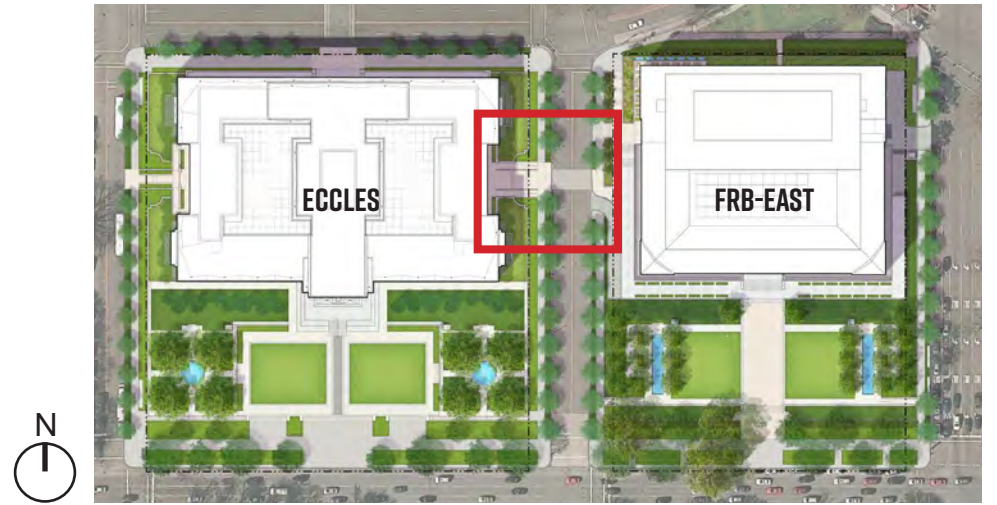
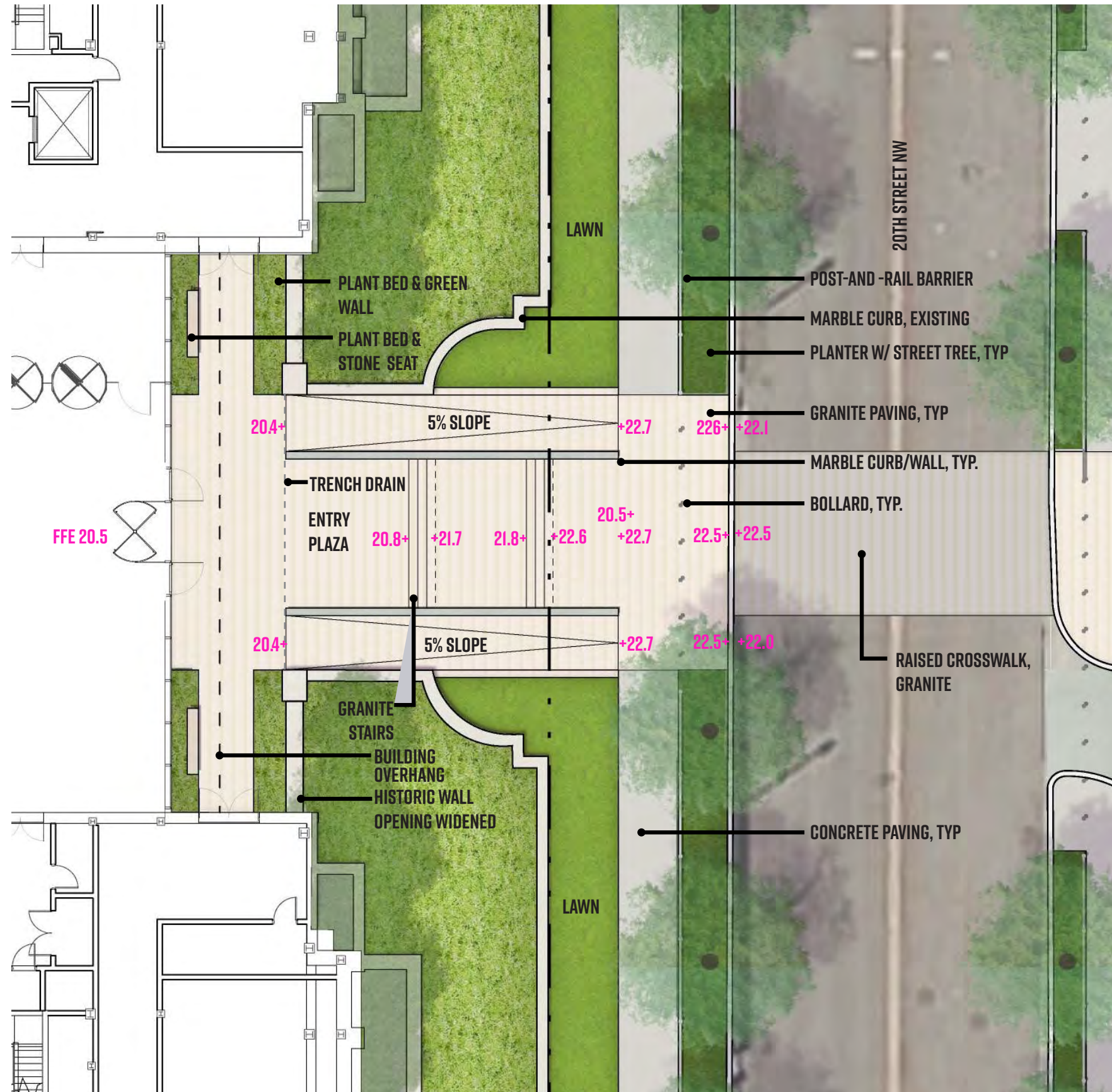
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ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

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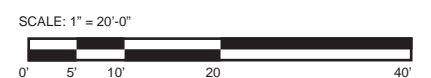
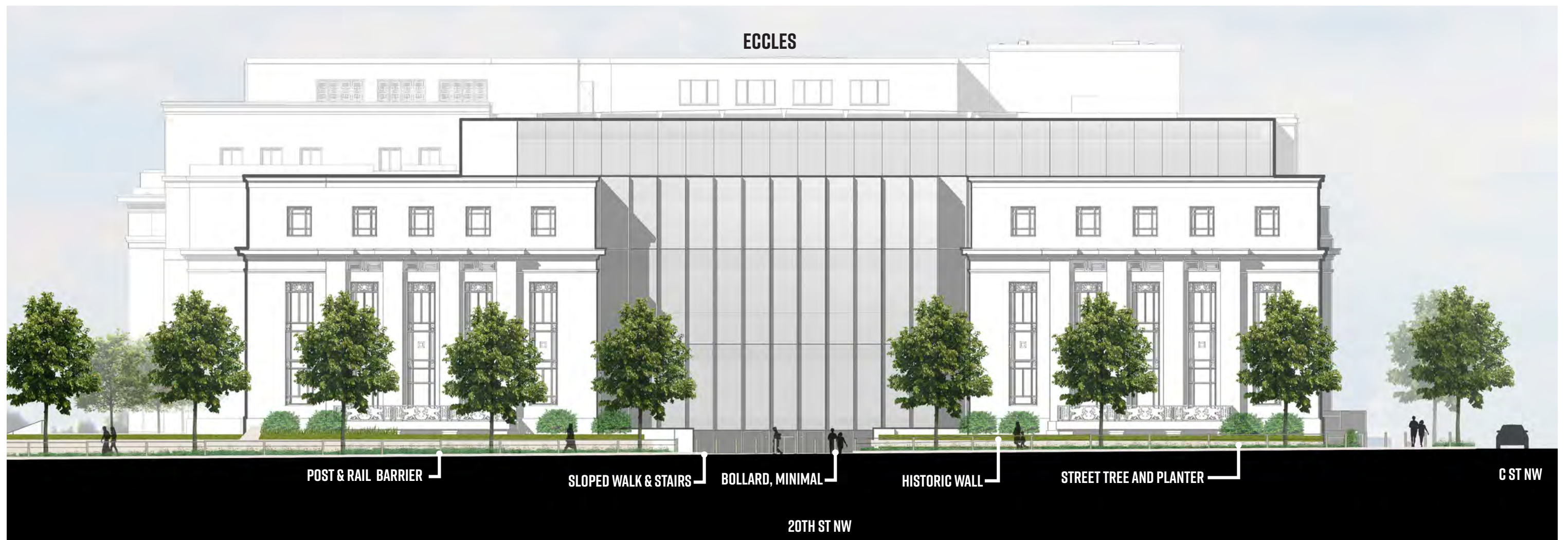
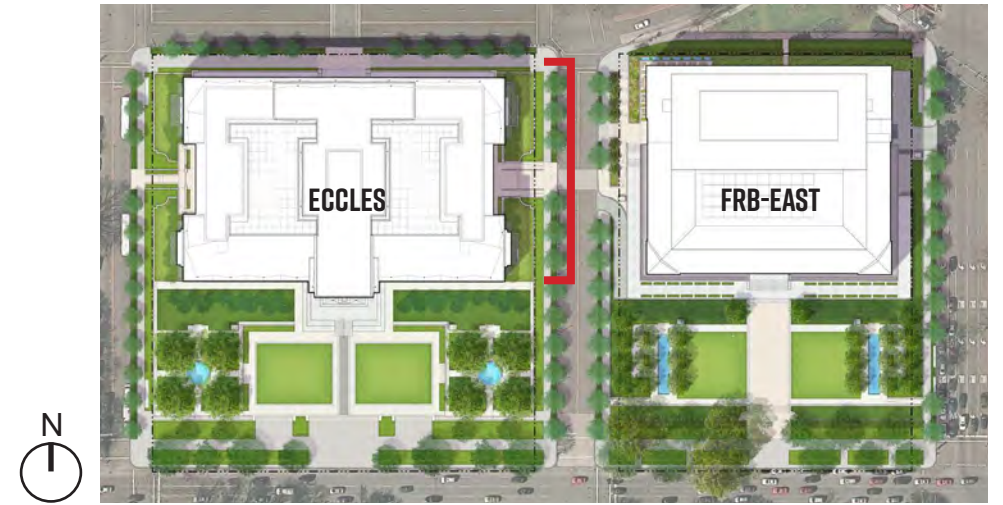


ECCLES PLANTING ADJUSTMENTS



RAISED MID-BLOCK CROSSWALK AT ECCLES AND MARTIN BUILDING

ECCLES ENTRY PLAN ENLARGEMENT

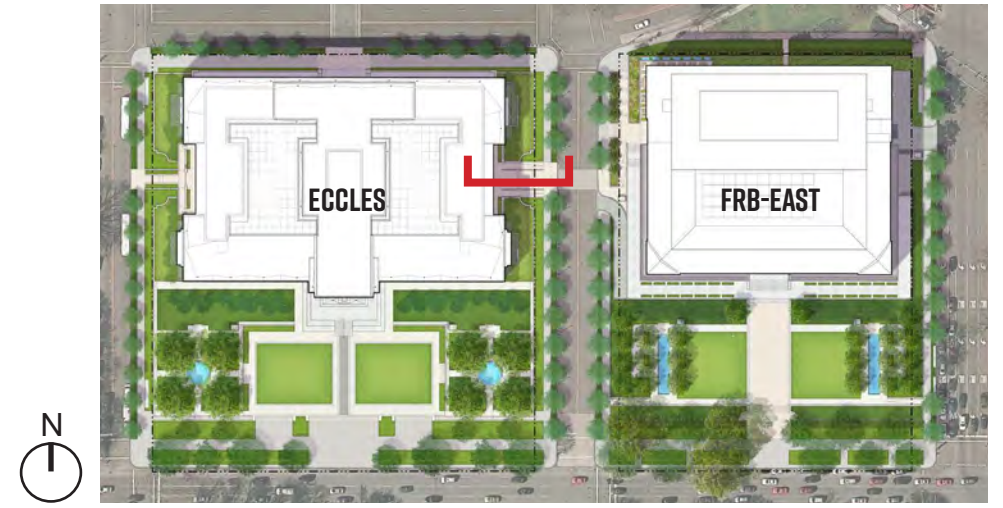


ECCLES MAIN ENTRY EAST ELEVATION AT 20TH ST NW

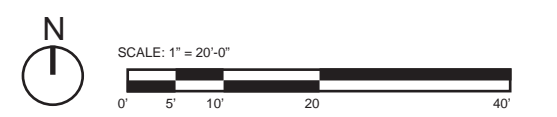
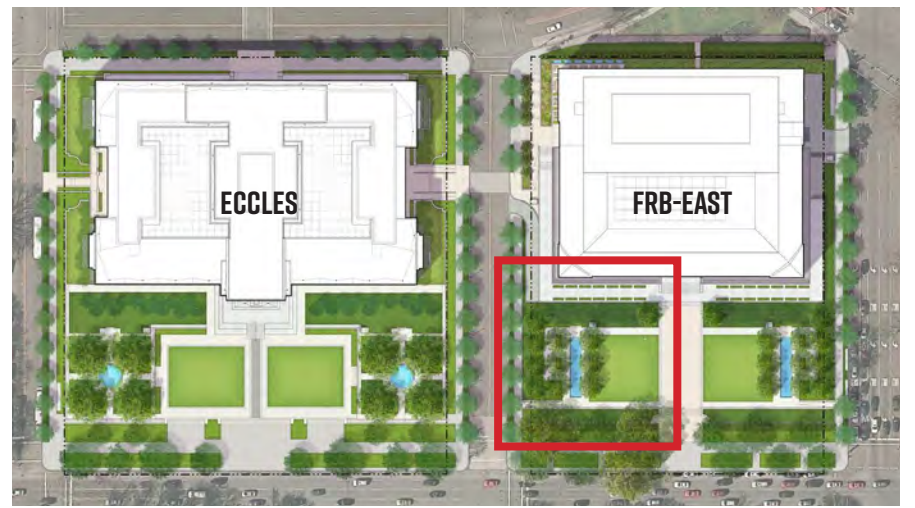
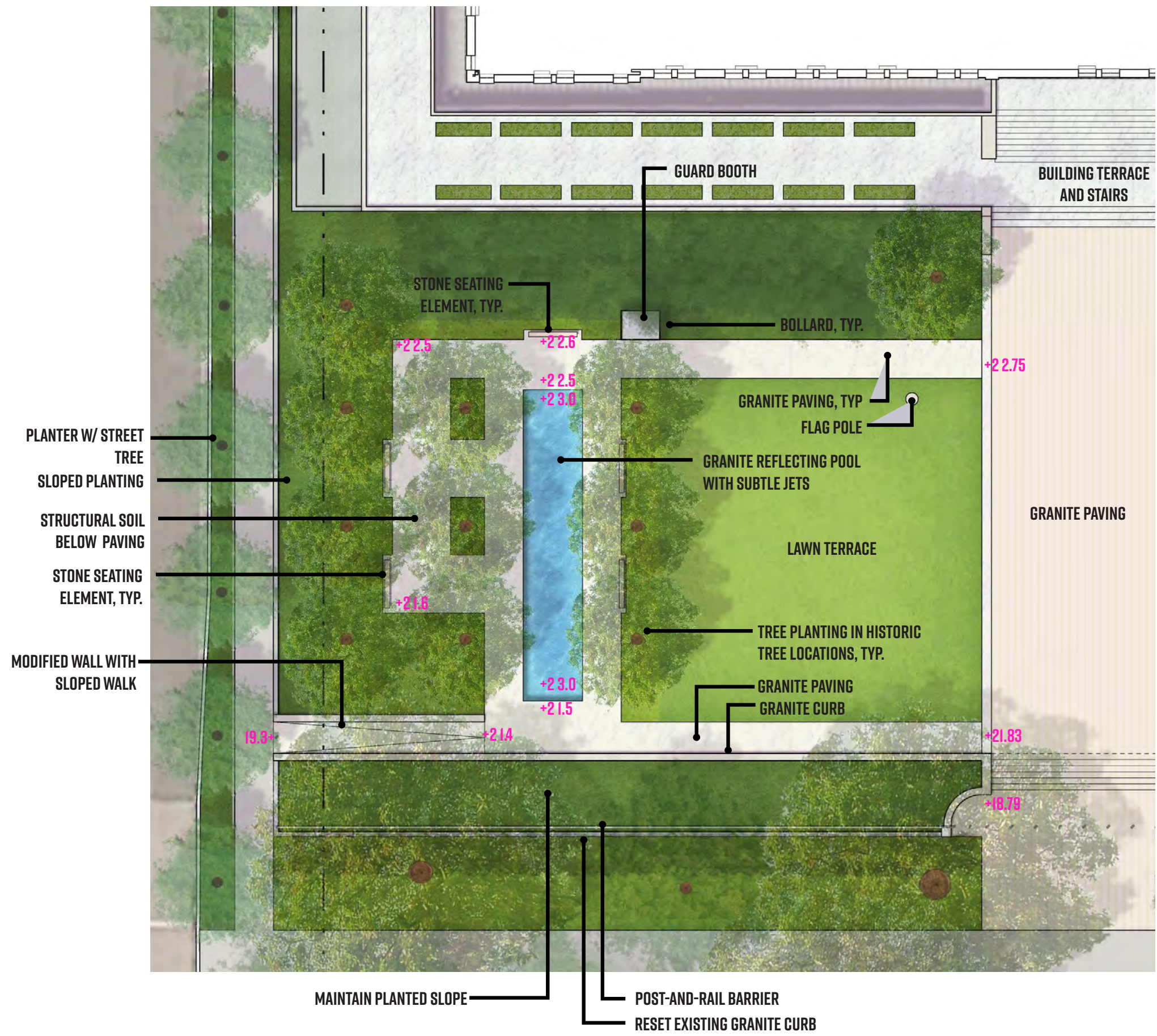
MAY 21, 2020

ECCLES / FRB-EAST DESIGN | CFA PRESENTATION

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ECCLES MAIN ENTRANCE SECTION EAST/WEST

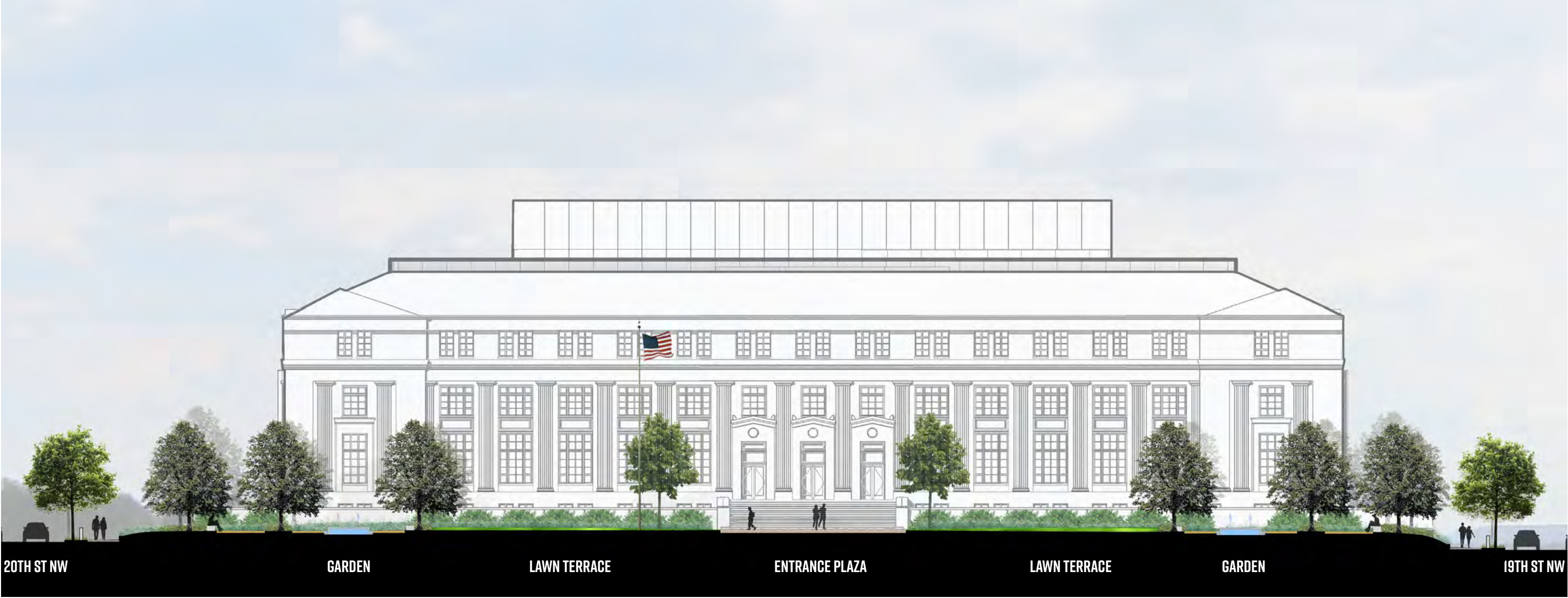
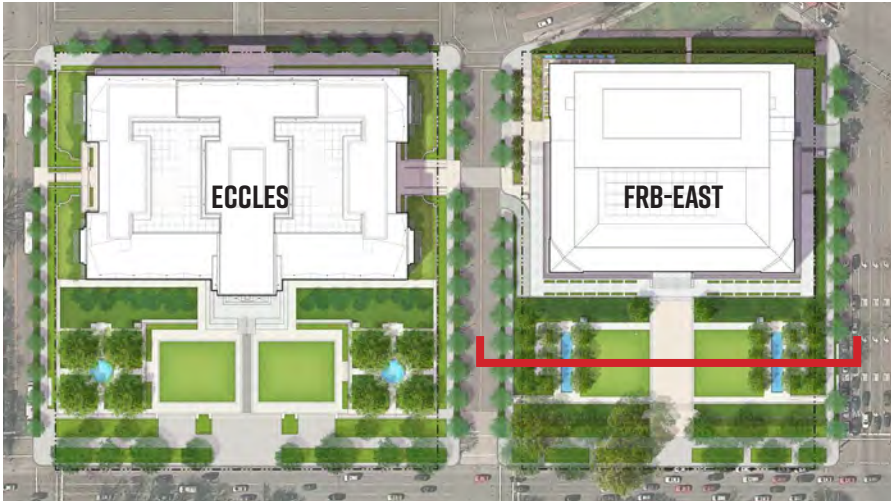


FRB-EAST GARDEN ENLARGEMENT PLAN

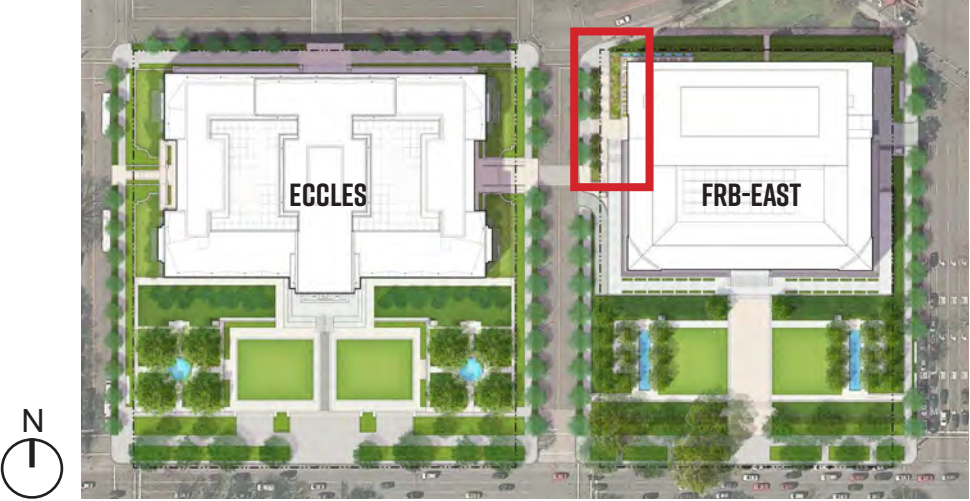
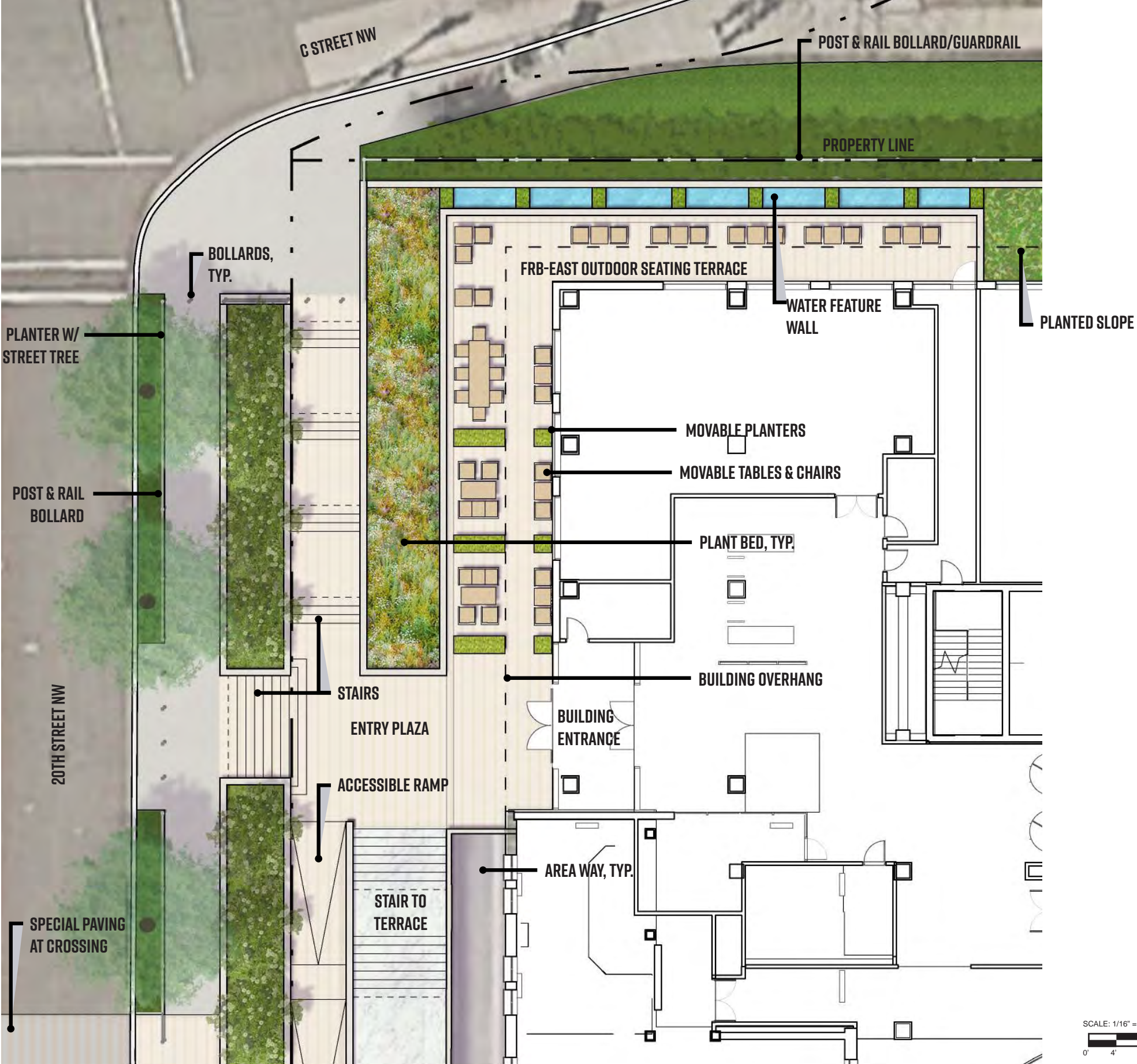
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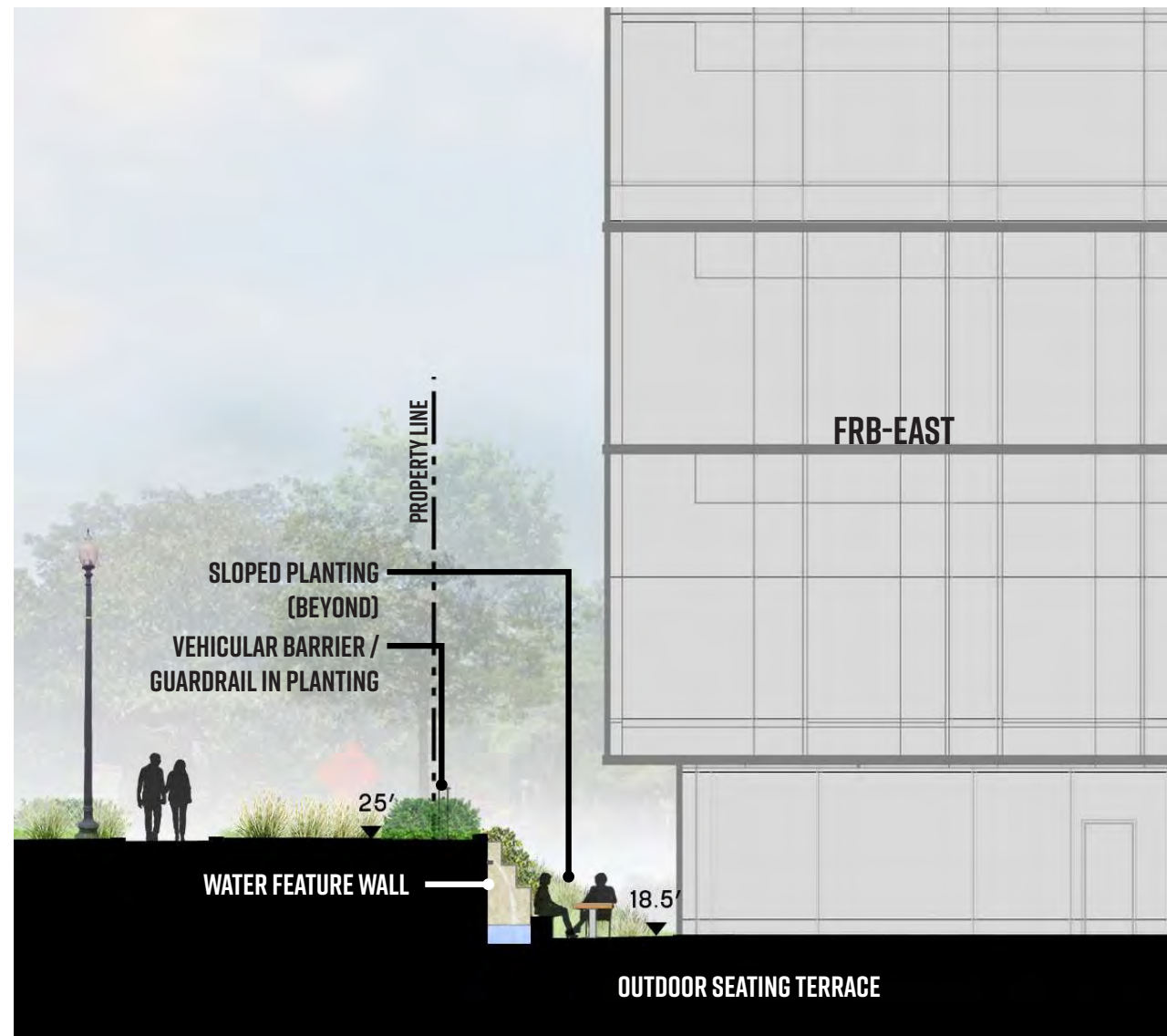
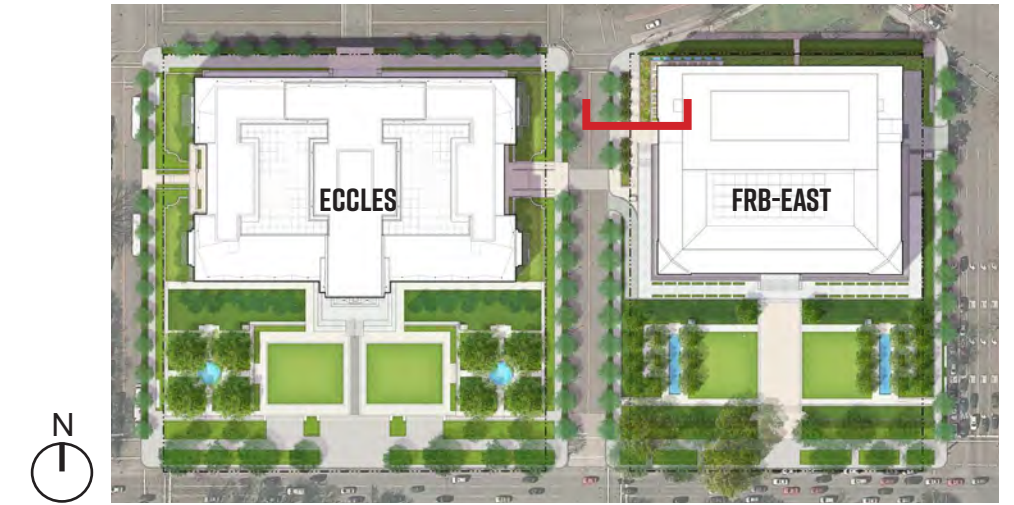
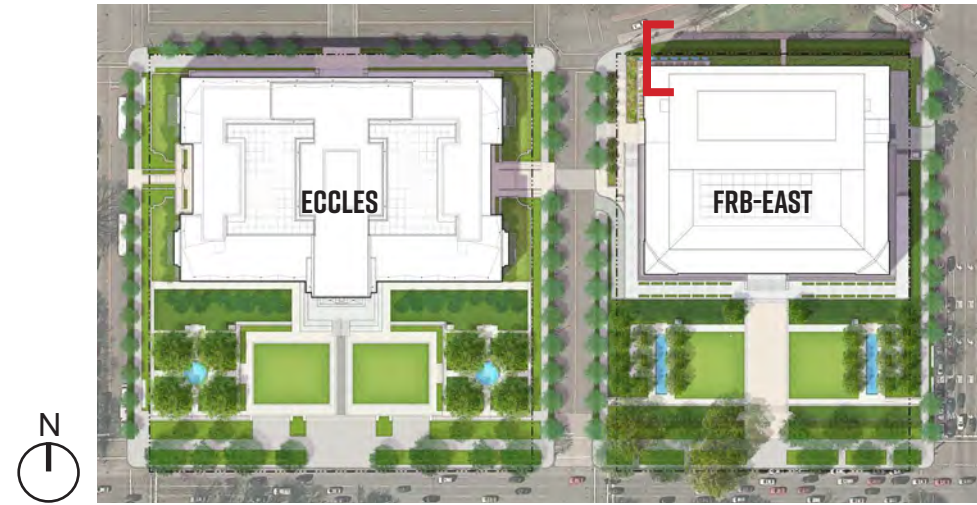
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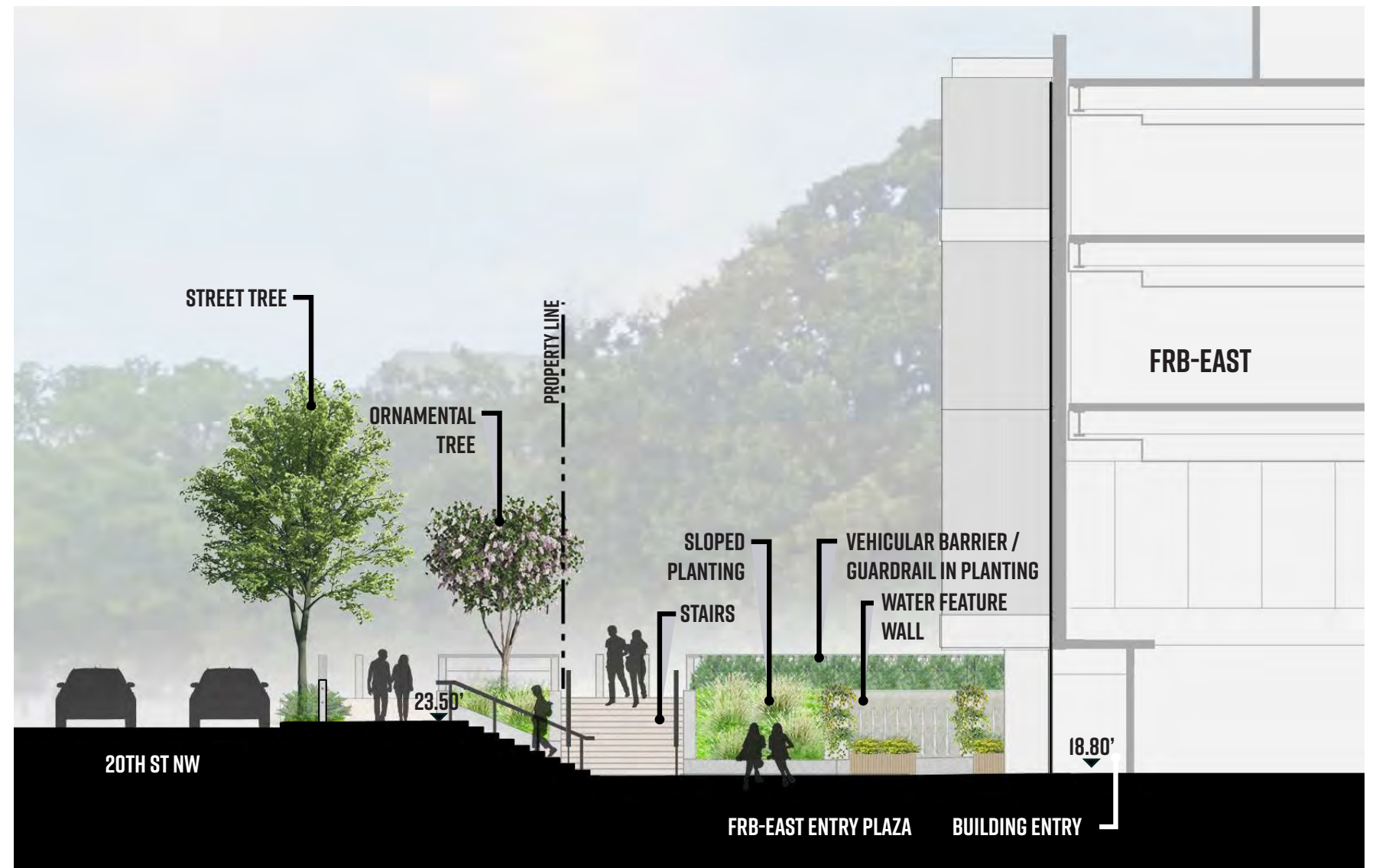
FRB-EAST CONSTITUTION AVE SECTION NORTH/SOUTH



FRB-EAST BUILDING OUTDOOR SEATING TERRACE | PLAN ENLARGEMENT



FRB EAST BUILDING - SECTION LOOKING EAST AT 20TH STREET



FRB EAST BUILDING - SECTION LOOKING NORTH AT 20TH STREET

SCALE: 1/16" = 1'-0"

FRB-EAST BUILDING MAIN ENTRANCE SECTION EAST/WEST

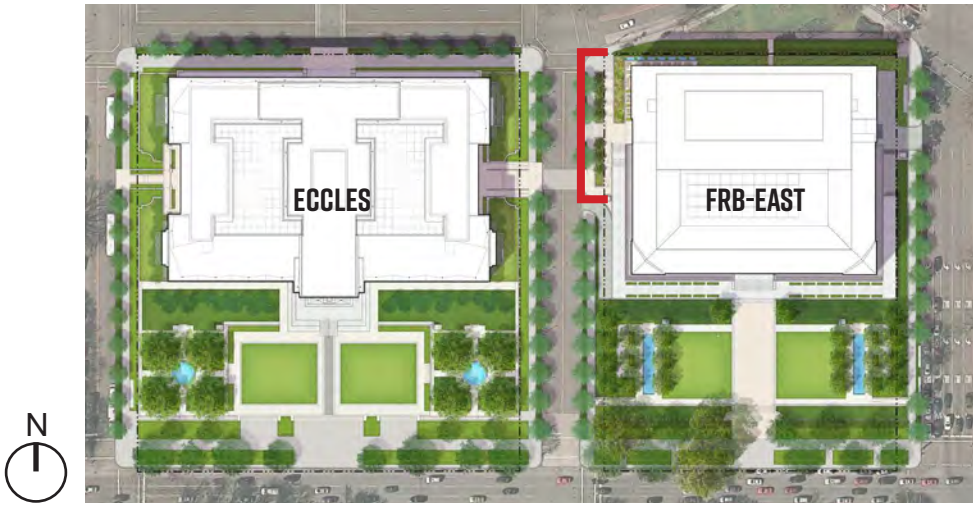
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FRB-EAST - SIGNAGE AT 20TH STREET CONNECTION / BUILDING ENTRY



FRB-EAST -ELEVATION LOOKING EAST AT 20TH STREET

FRB-EAST BUILDING MAIN ENTRANCE ELEVATION AT 20TH ST NW NORTH/SOUTH



FRB-EAST ENTRY PLAZA BIRD'S EYE VIEW

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FRB-EAST ENTRY PLAZA PERSPECTIVE

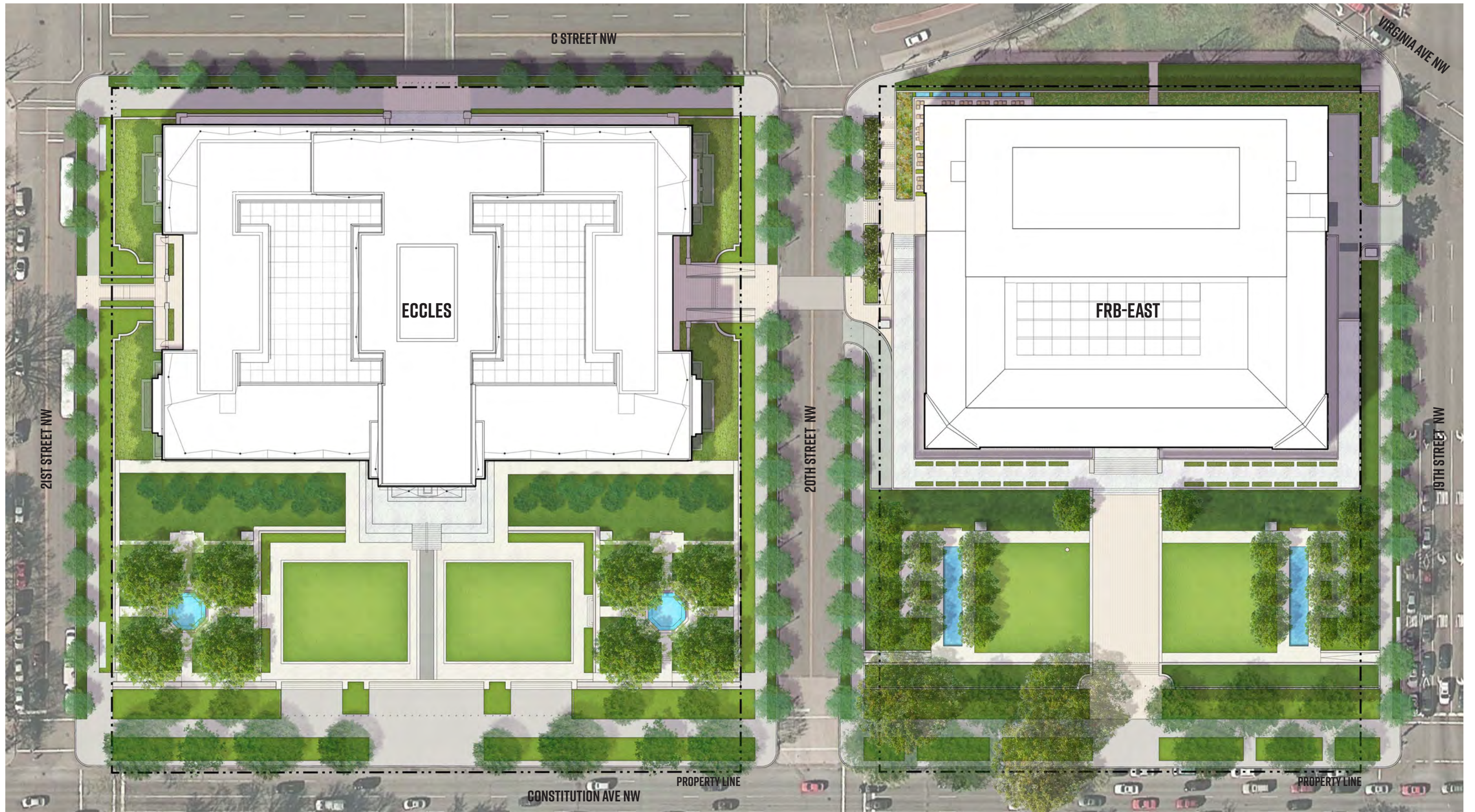
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FRB-EAST ENTRY PLAZA PERSPECTIVE



LANDSCAPE PLAN

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