JOHNS HOPKINS
UNIVERSITY

555 Pennsylvania Avenue

November 21, 2019

South Elevation Current Design

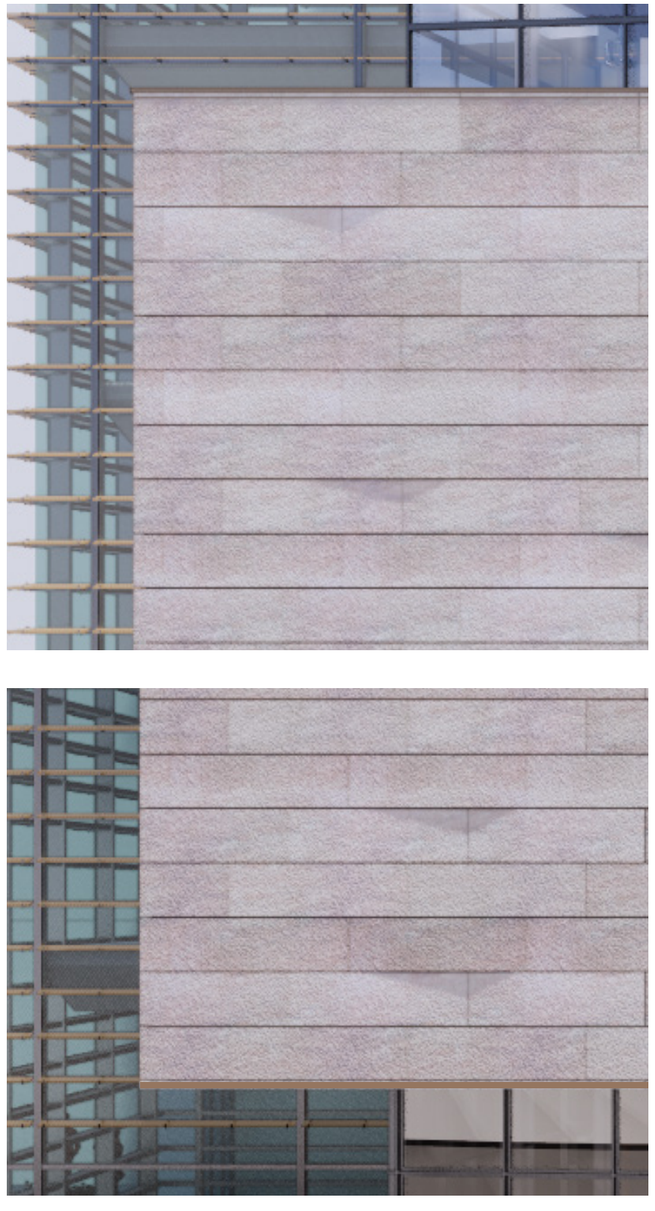
South Elevation Current Design

Southwest Perspective Current Design

Southeast View Current Design

East Street View

Stone Corner Condition



Stone Field Condition

Textured Stone Wall

- Typical stone size 1’-10”x6’-0” with max. 3/8” joint
- Stone staggers 1/3
- Randomized “Chevron” Panels with 2” tapered profile
- Stone panel finish: lightly honed

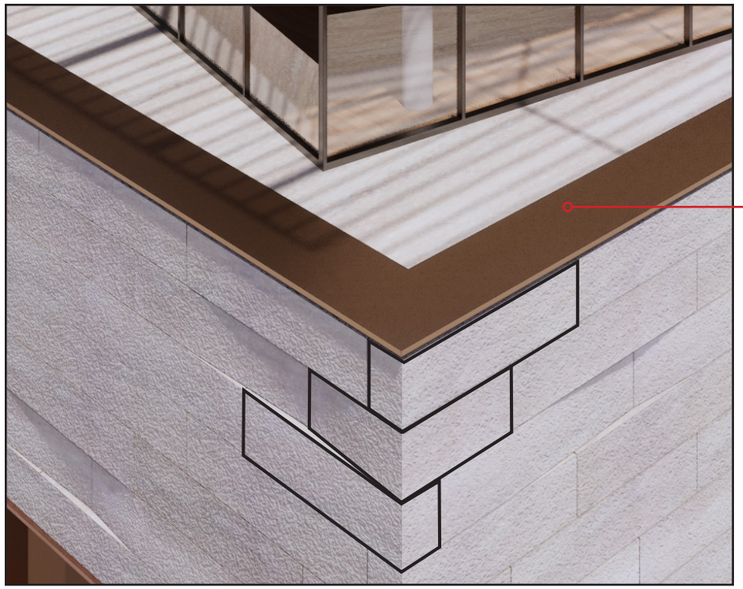
Wall System 1 (WS-1)

Refer to Glass Box slide for description

Dimensional Bronze colored painted aluminum metal element

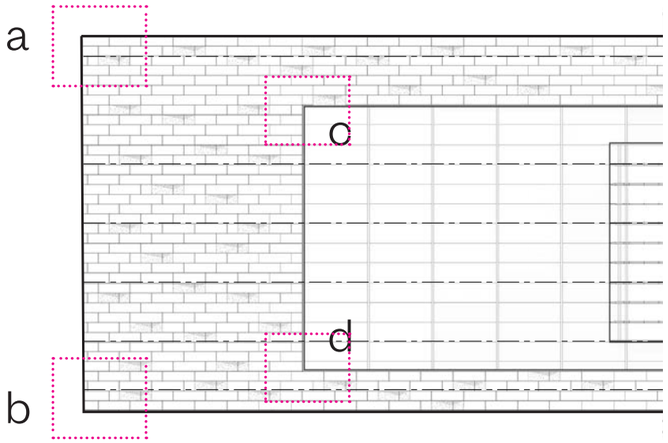
- Nominal 1” thick at coping, vertical stone interface and soffits typical

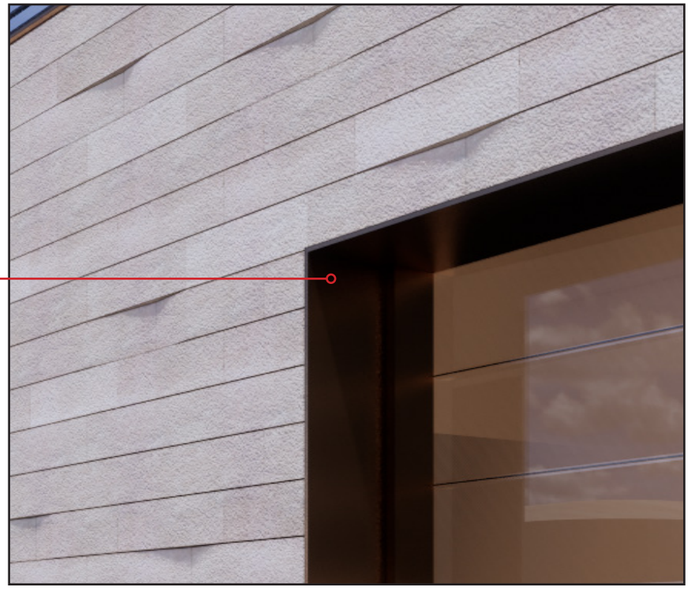
Stone Facade Random Horizontal Chevron Indent



Metal Coping

a. Metal Coping





Metal Edge

c. Head Condition

Dimensional Stone Corner
5’ long with 1’ return

Dimensional Stone Corner
5’ long with 1’ return

Dimensional Stone Corner
3’ long with 3’ return

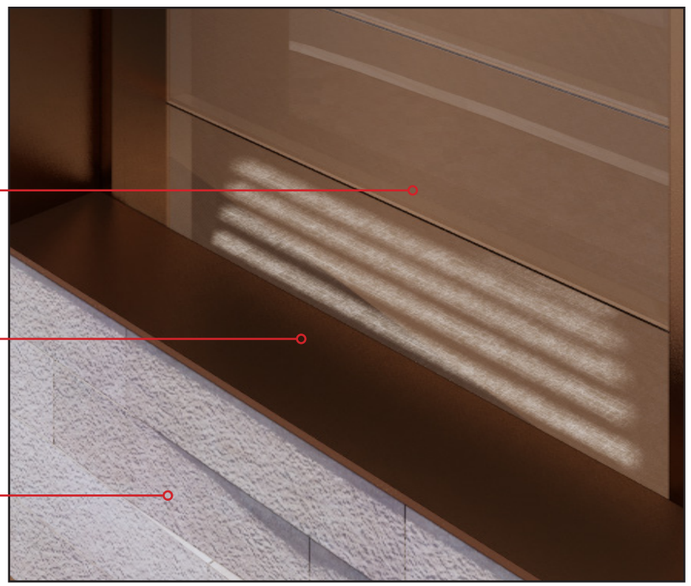
Metal Soffit

b. Metal and Plaster Soffit

Curtain Wall with
Copper Mesh Fabric
Encapsulated in IGU.

Metal Coping

Stone with
Chevron Indent



d. Sill Condition

Stone Details

Wall System 1 (WS-1)

- Panelized curtainwall units made up of low iron insulated glass units with outer laminated lite with integral copper mesh fabric. Glass is conventionally glazed to custom profile aluminum mullions with extended extruded vertical fin and structurally glazed at horizontals. Face of glass is offset in plan. Panels are dead-loaded to Level 2 and laterally tied back at new and existing floor slabs.

Wall System 2 (WS-2) (aka “Glass Box”)

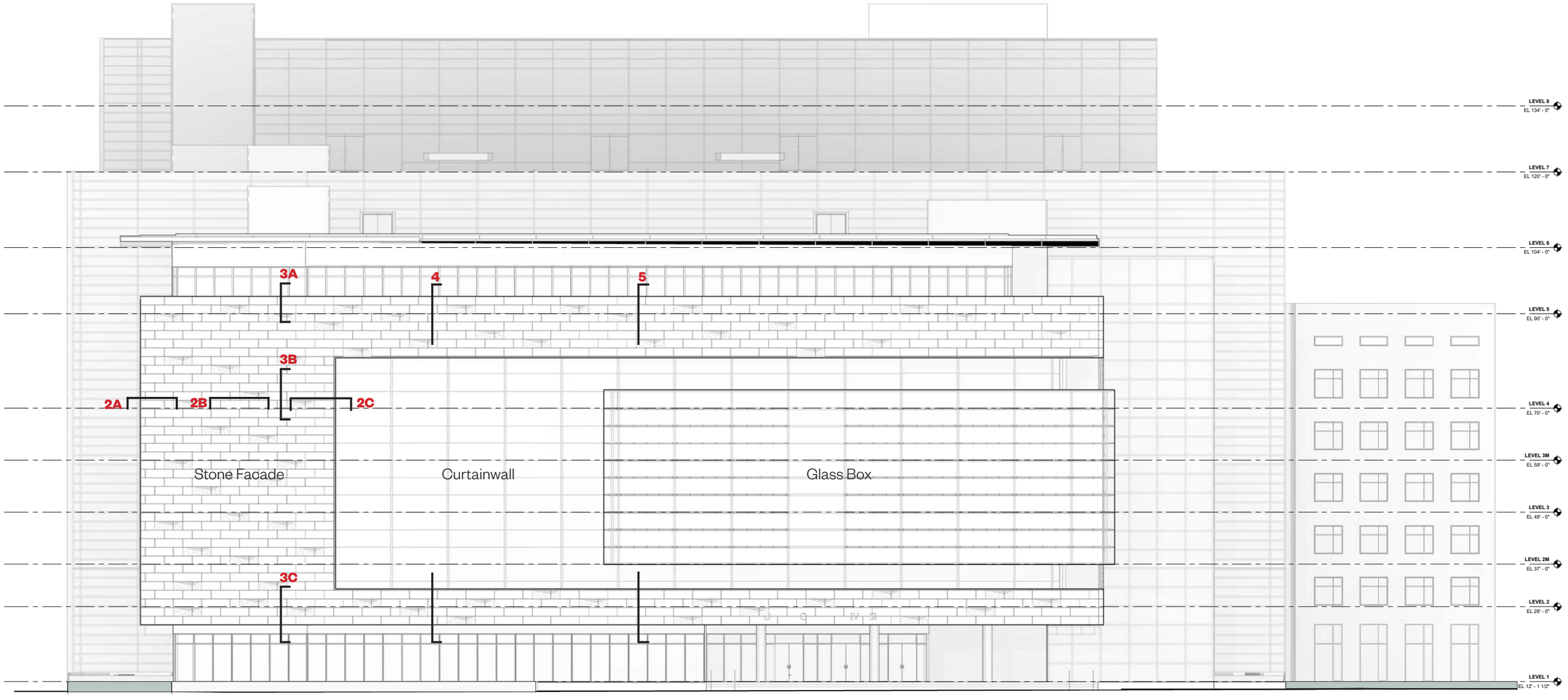
- Panelized curtain wall unit made up of low iron insulated glass units with high transparency low E coating, 4 sided structurally glazed to curtain profile aluminum framing.

Wall System 2A (WS-2A)

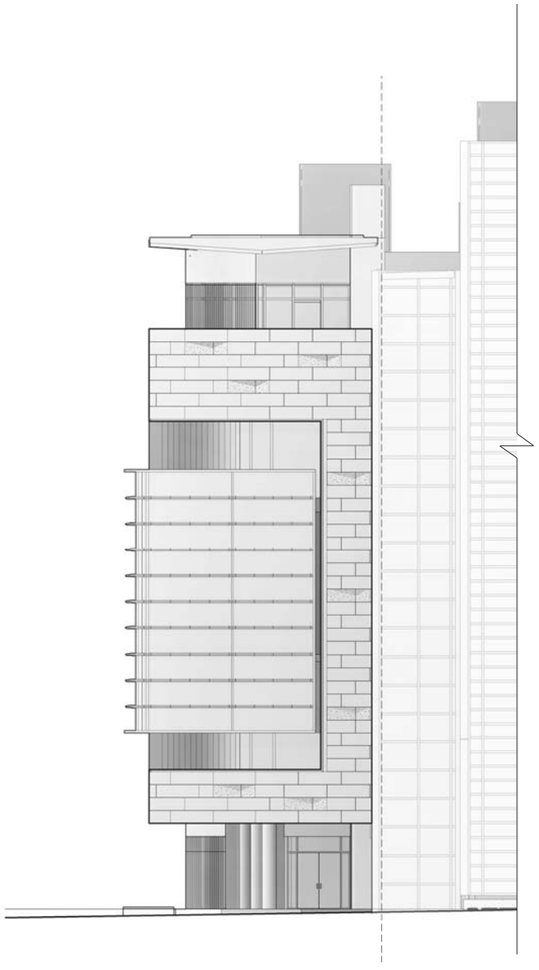
- Laminated glass solar shades/louvers structurally glazed to custom aluminum brackets attached to custom profile aluminum framing and supported back to WS-2. Solar shades/louvers to be approximately 1/2” laminated glass units with copper mesh interlayer

Metal Coping

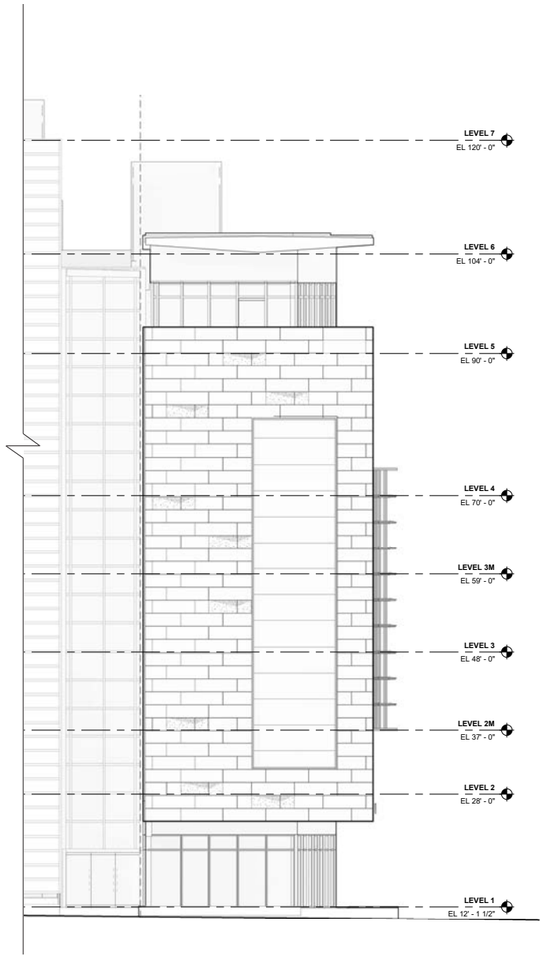
Exterior Wall Systems Typical Wall Sections



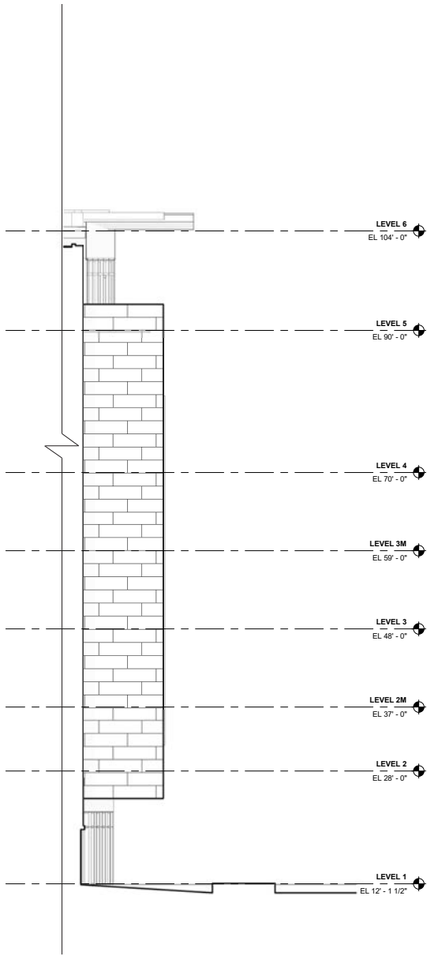
South Facade



East Elevation

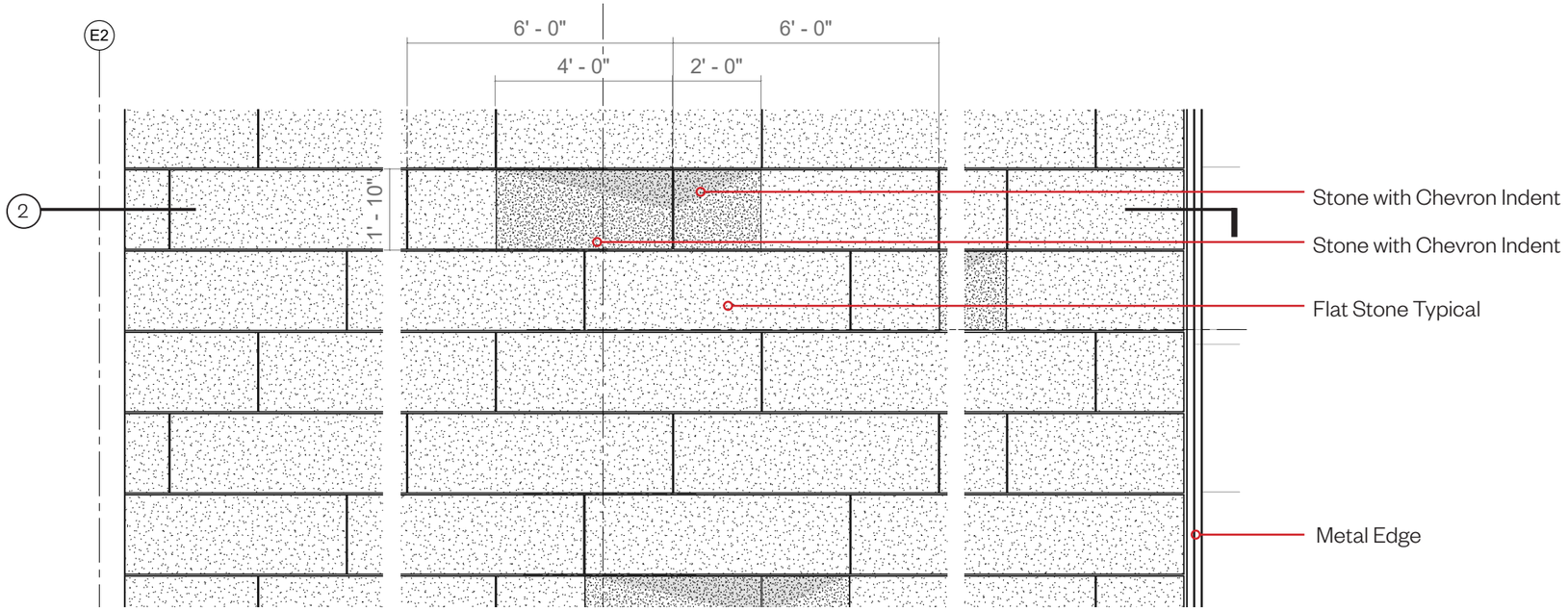


West Elevation

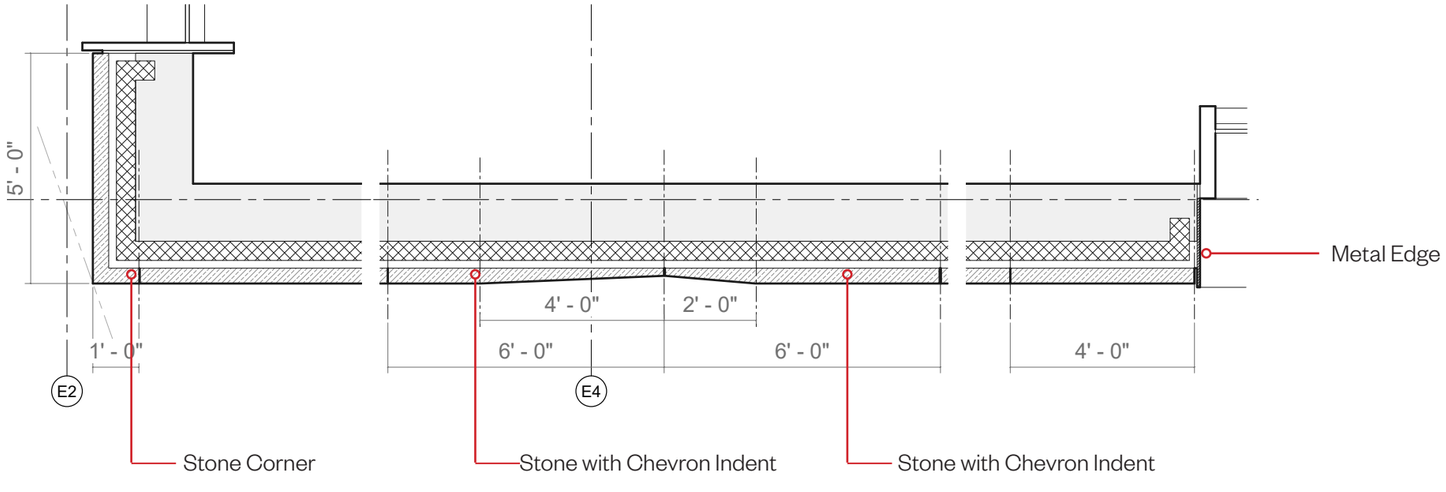


North Elevation

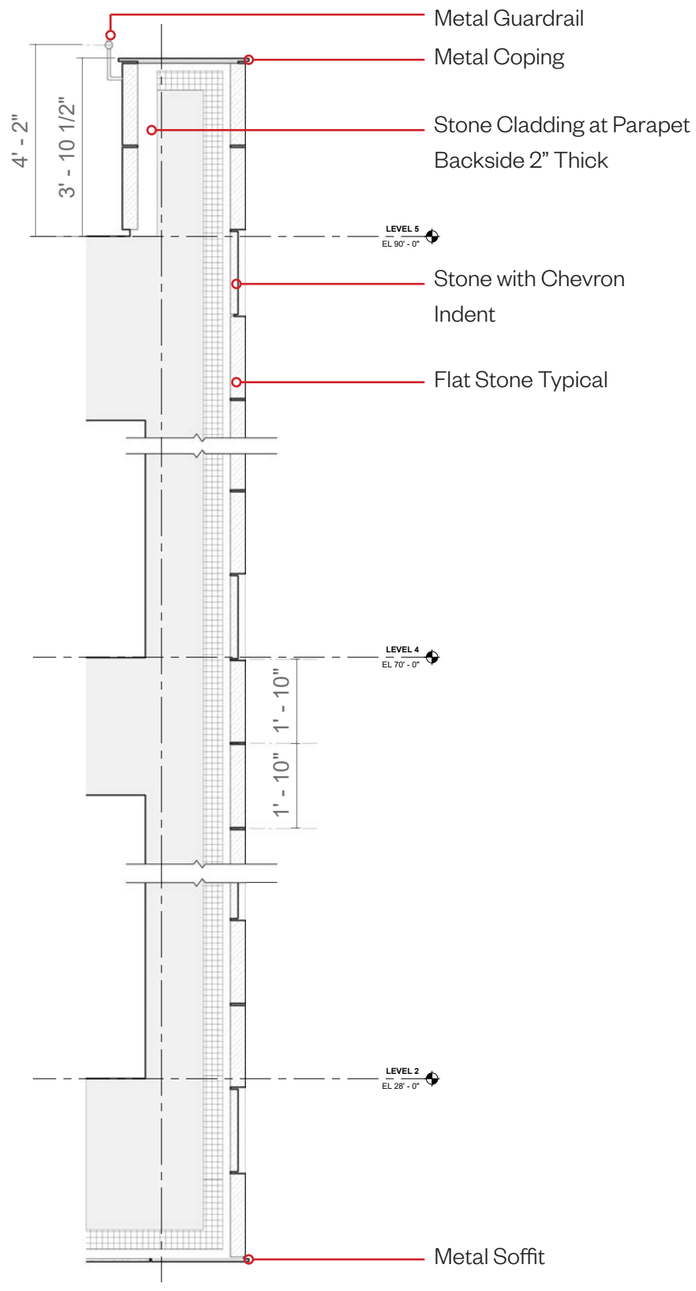
Bar 1 Elevations



1. Enlarged Elevation - Stone Wall Pattern

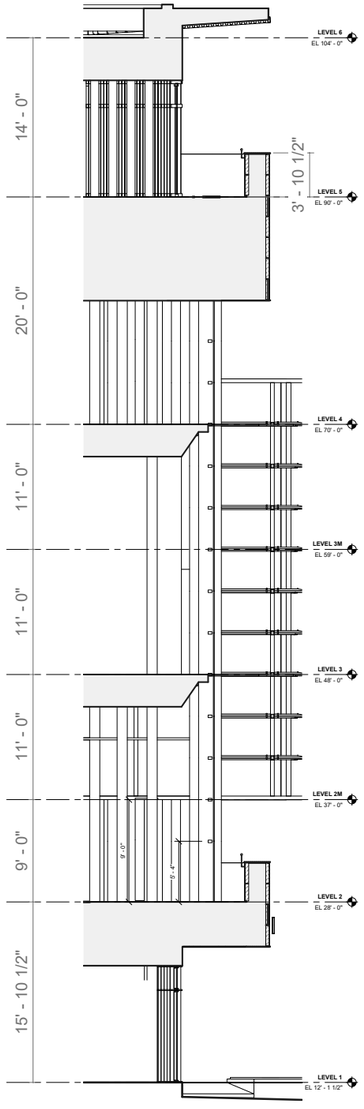


2. Plan Detail - Stone Wall

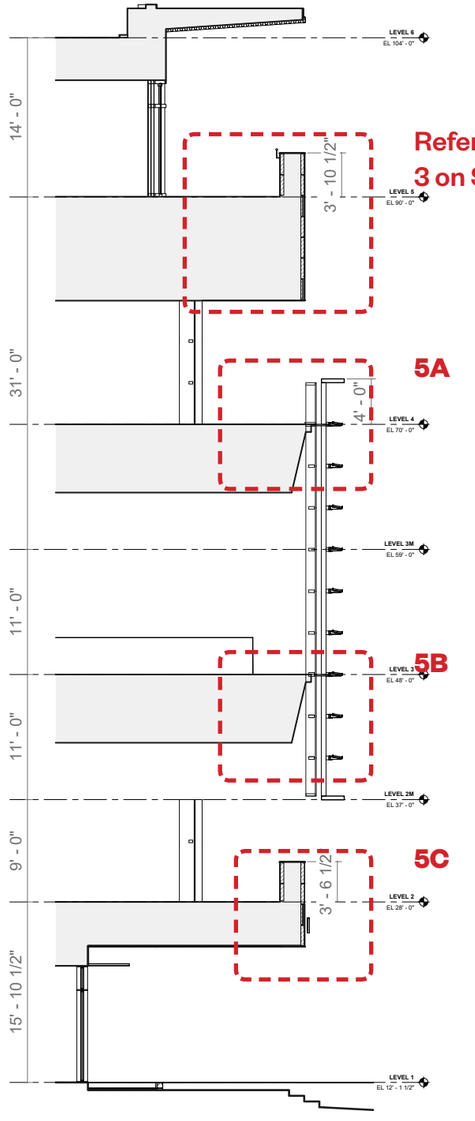


3. Section Detail - Stone Wall

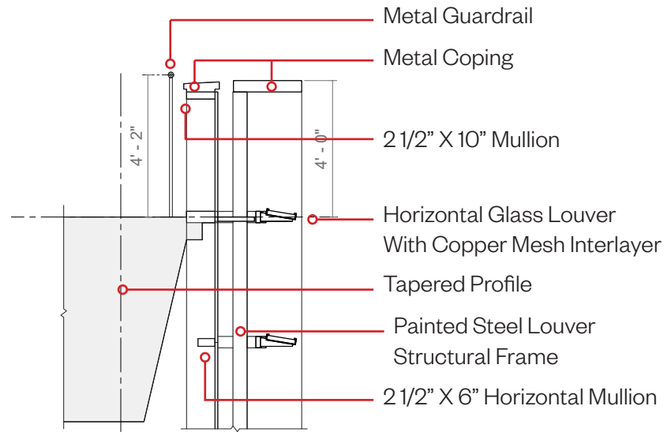
Stone Facade Random Horizontal Chevron Indent Details



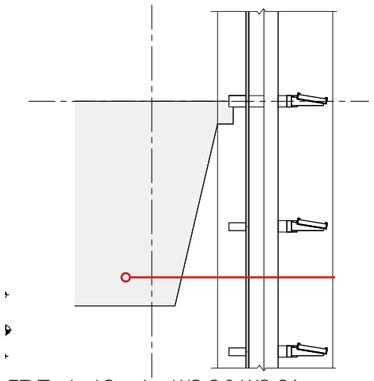
4. Glass Wall Section



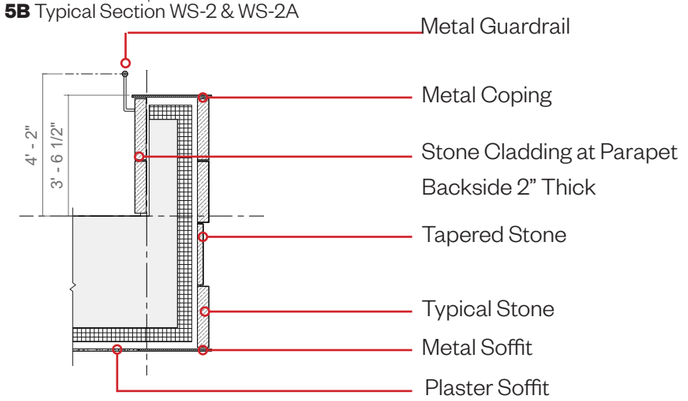
5. Glass Box Section



5A Section at Glass Balcony Railing



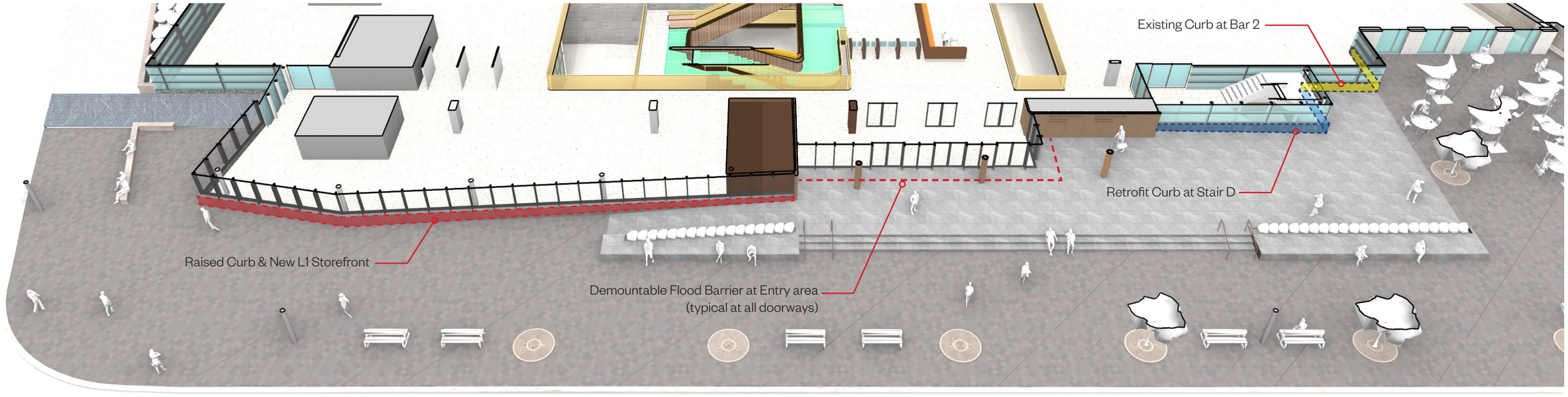
5B Typical Section WS-2 & WS-2A



5C. Section L2 Balcony Railing & Stone Soffit

Exterior Wall Systems Typical Wall Sections

Partial South Elevation of Ground Floor



Cutaway Section Perspective of Ground Floor

Ground Level Storefront with Raised Curb

Portion of Demountable Flood Barrier at Vestibule.
Designed to meet el. 13'-0" min.

Curb to be added to base of Curtainwall at 'Stair D'
to meet height to el. 13'-0" min.
(100 Yr. Flood)

Ground Floor Perspective - Entry Vestibule

New Ground Floor Storefront

Line of Increased Curb Height to el. 13'-0" min.
(100 Yr. Flood)

Line of Existing Curb

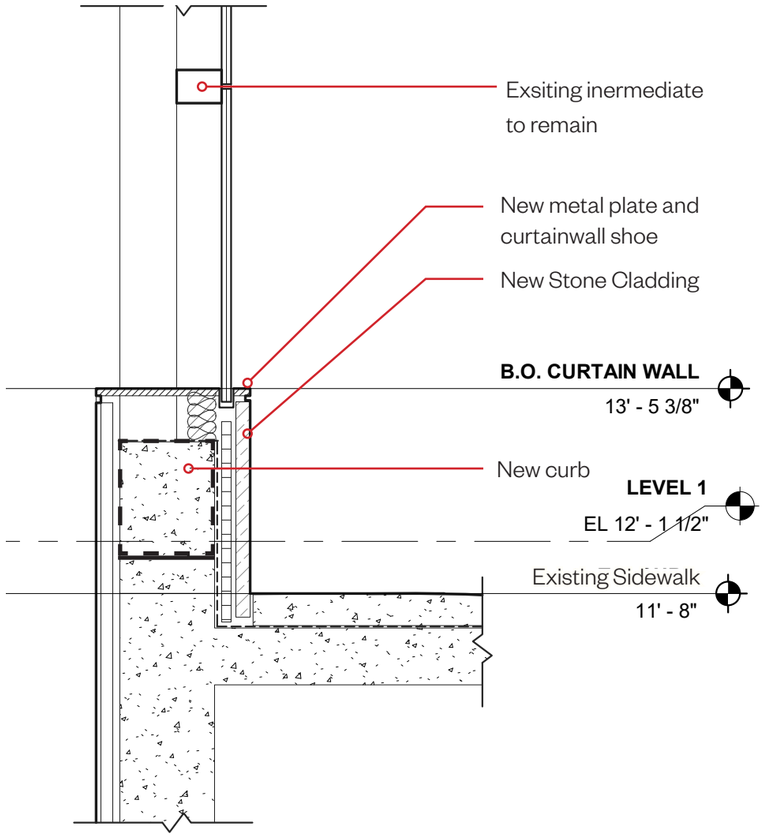
Ground Floor Perspective - West

Ground Level Storefront with Raised Curb

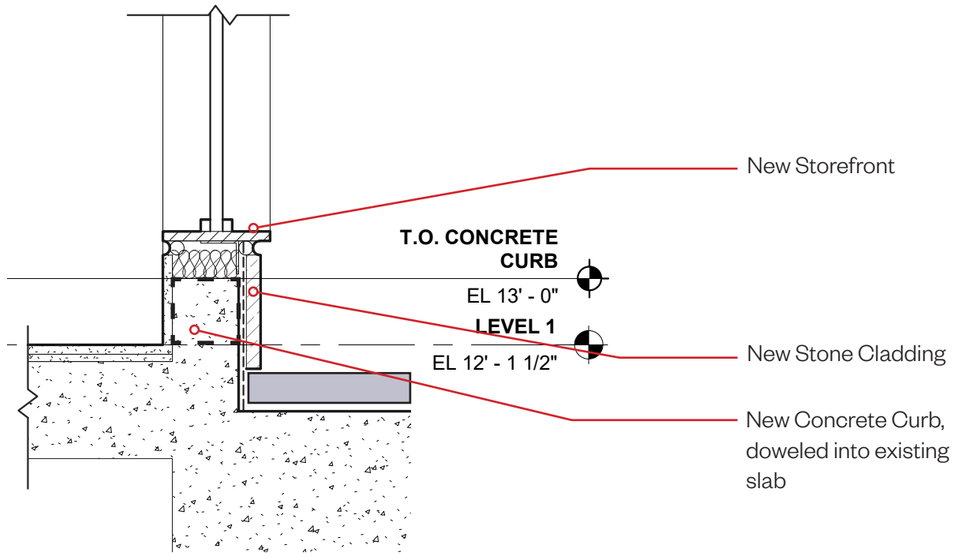
South West Corner

South East Corner at Stair D

Ground Level Storefront with Raised Curb

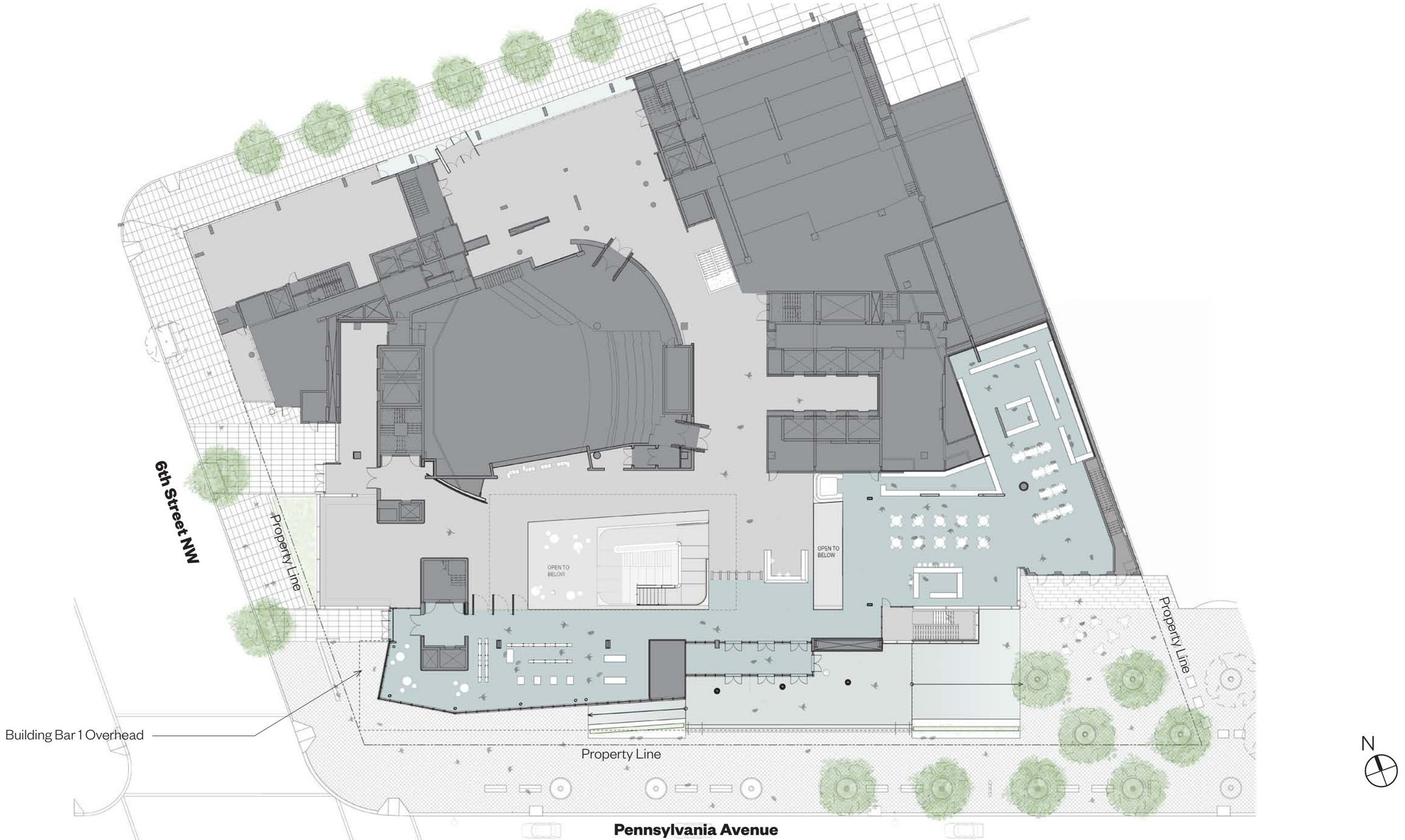


1A. Typical Base Detail at GL-5A (Stair D)

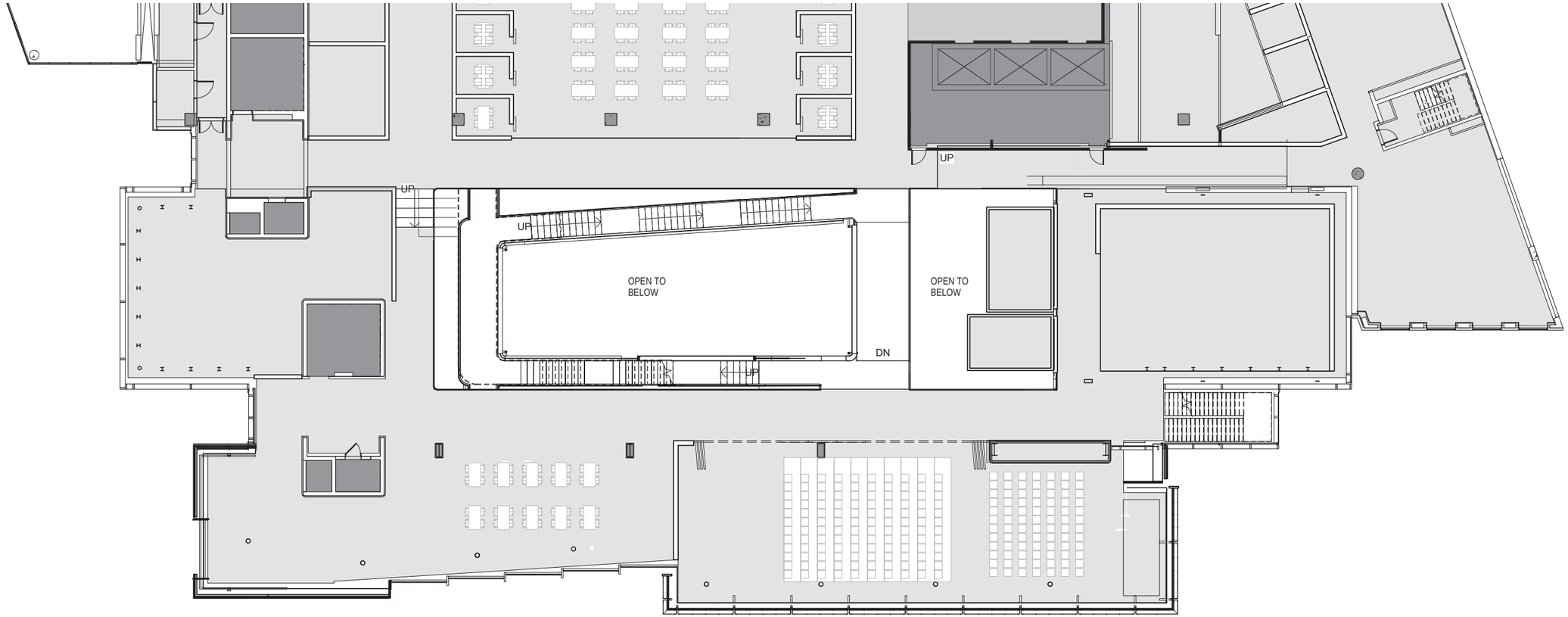


1B. Typical Base Detail at GL-1A

Ground Level Storefront with Raised Curb

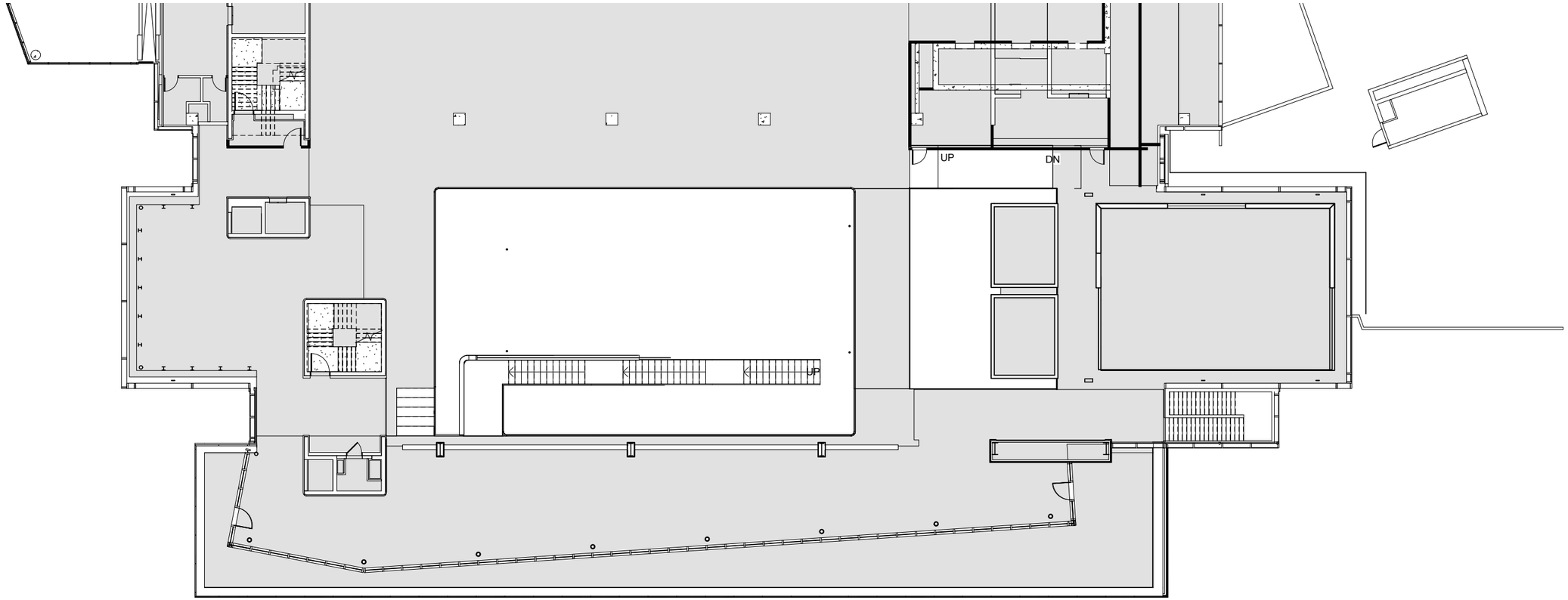


Ground Floor Plan



N

Third Floor Plan



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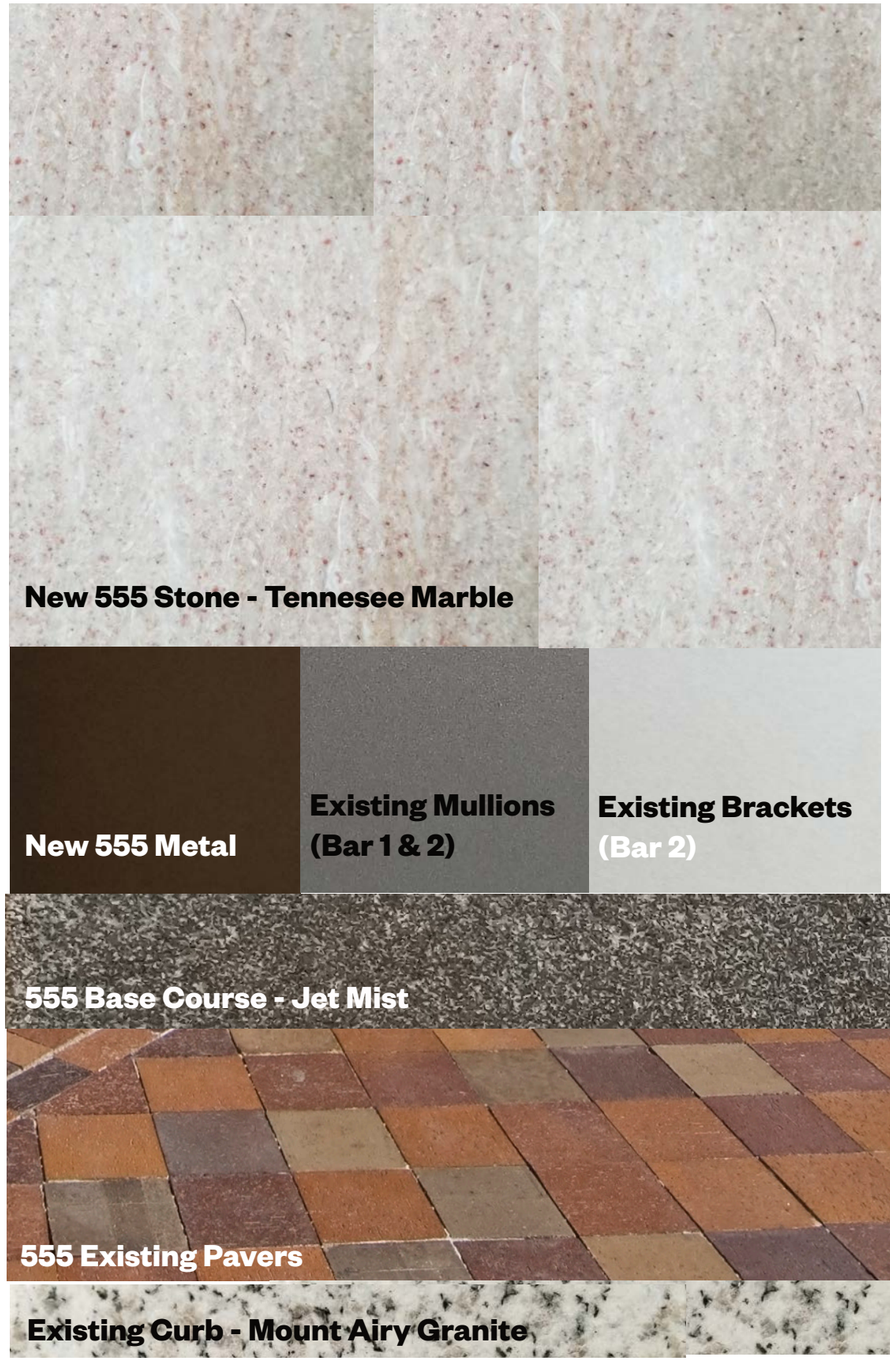
Fifth Floor Plan



Exterior Material Palette

View Existing @ 4th Street

View New @ 4th Street

View Existing @ National Gallery of Art

View New @ National Gallery of Art

View Existing South of East Building - National Gallery of Art

View New South of East Building - National Gallery of Art