

Approved Concept Section

Revised Section

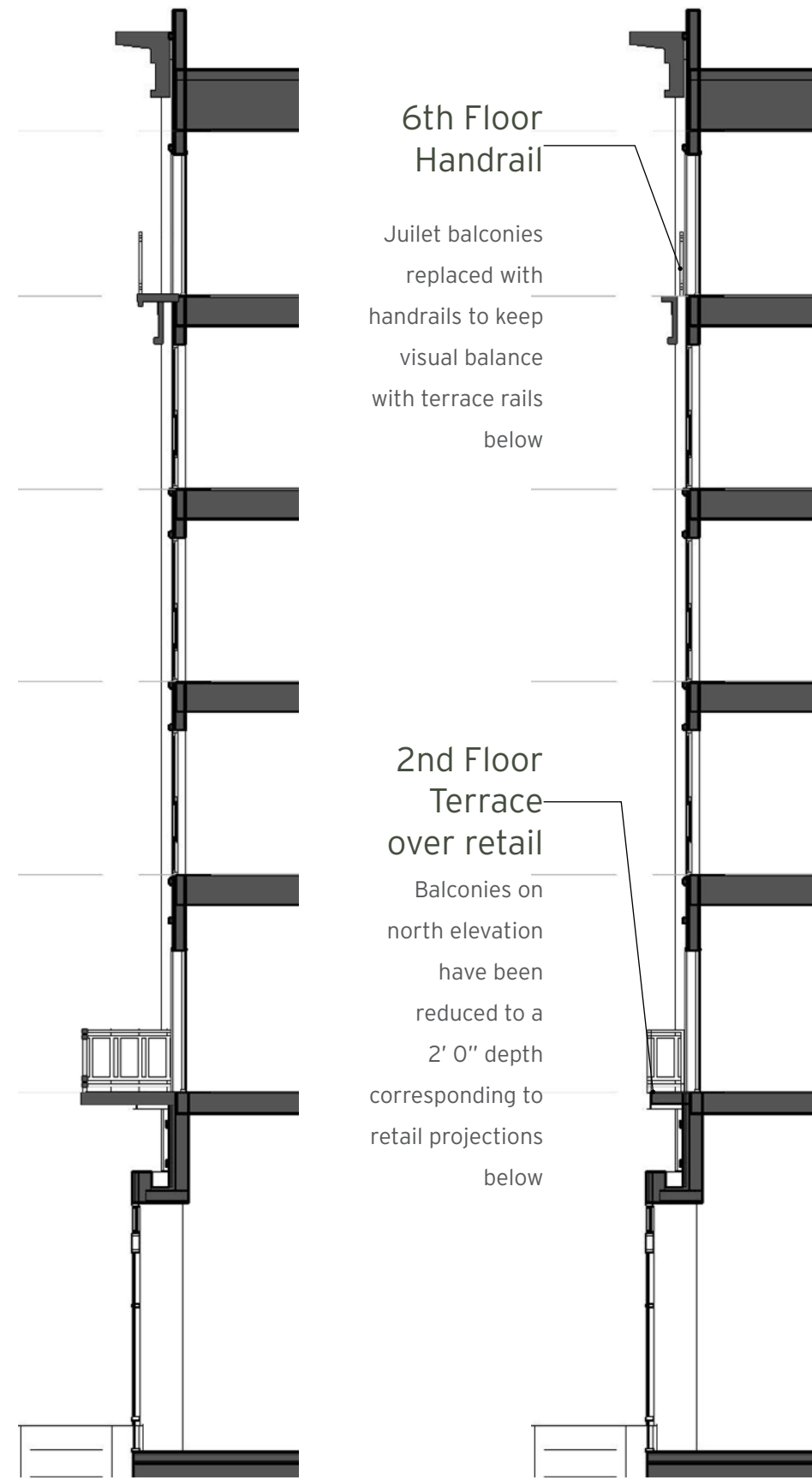


East Facade



North Identity Balconies





Approved Concept Section

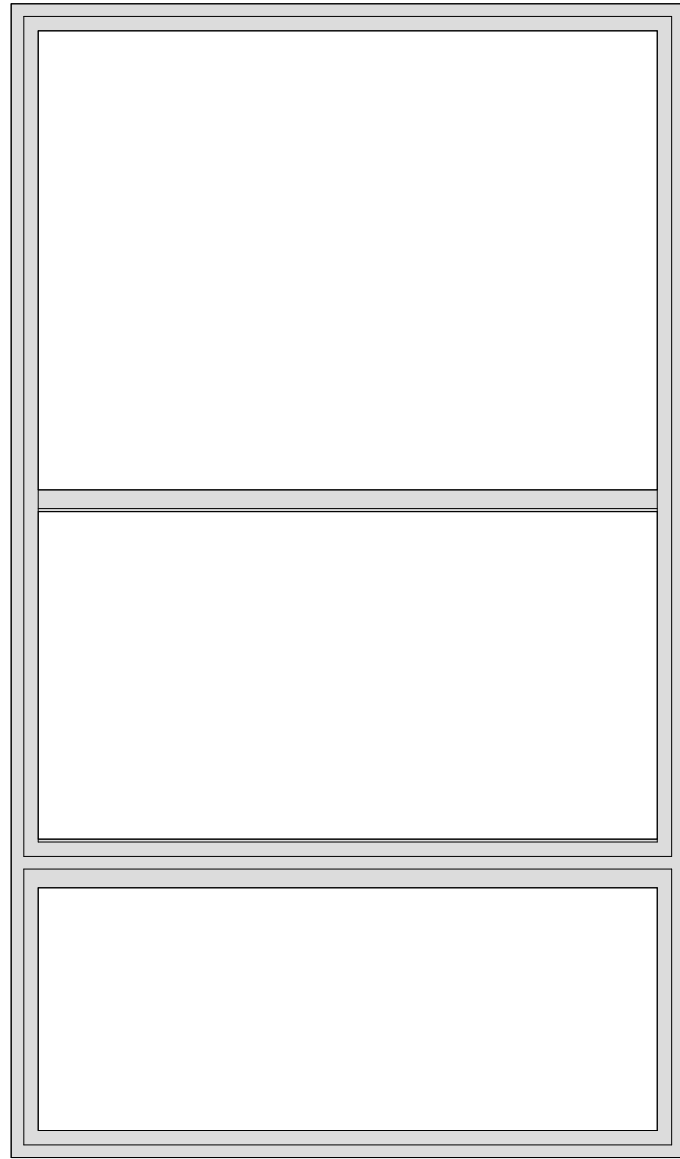
Revised Section



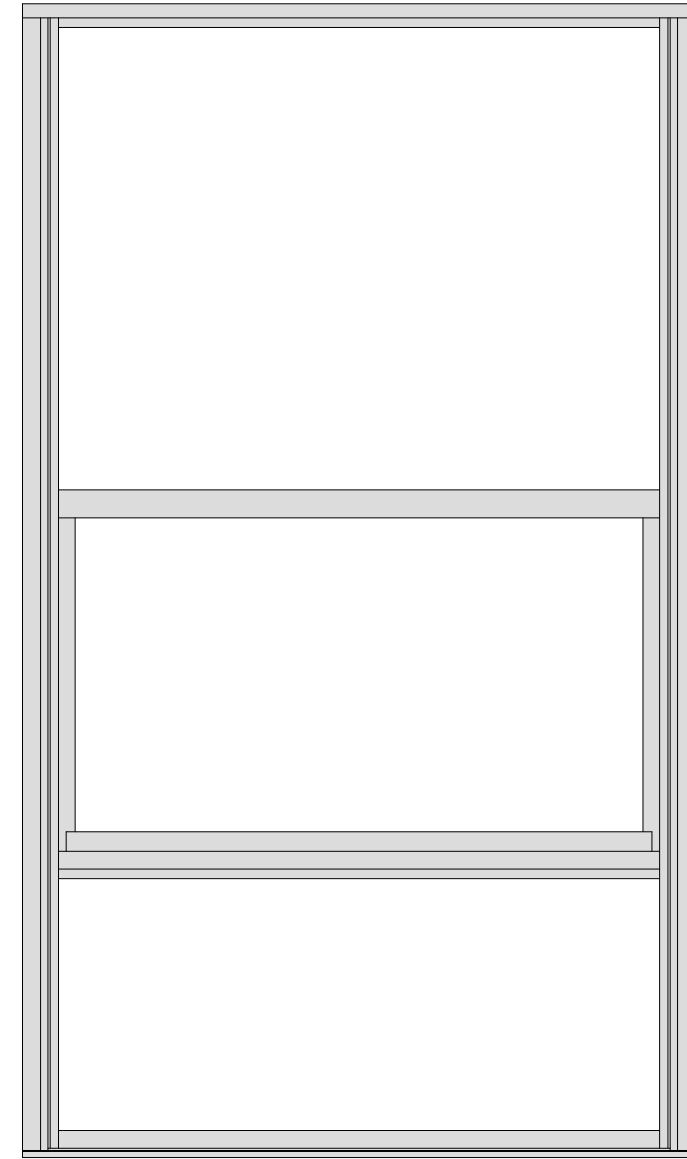
North Facade



At concept review, windows were envisioned as vinyl on the courtyard facing facades, and aluminum on the street facing facades. Specific window products had not yet been specified. Throughout the course of development, much effort has gone into achieving ambitious energy performance goals set for the entirety of the Walter Reed campus. Among numerous other measures being taken, transitioning to vinyl windows on all facades will enhance the energy performance to the target levels. The details of how the windows sit in the wall and contribute to the general composition have been adjusted along with the updated window specification. Submitted here is a updated vinyl window product and some minor modifications to the façade treatment.



Selected Vinyl Window: Sierra Pacific  
8000 Builders Vinyl  
**Average U-Value: 0.28**



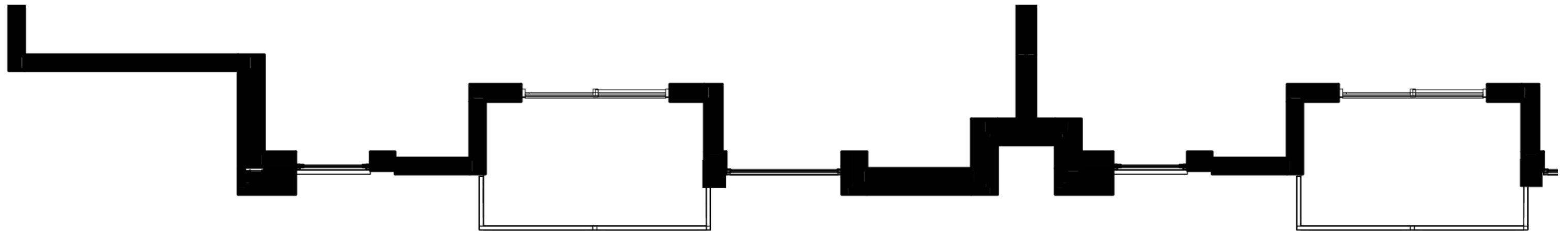
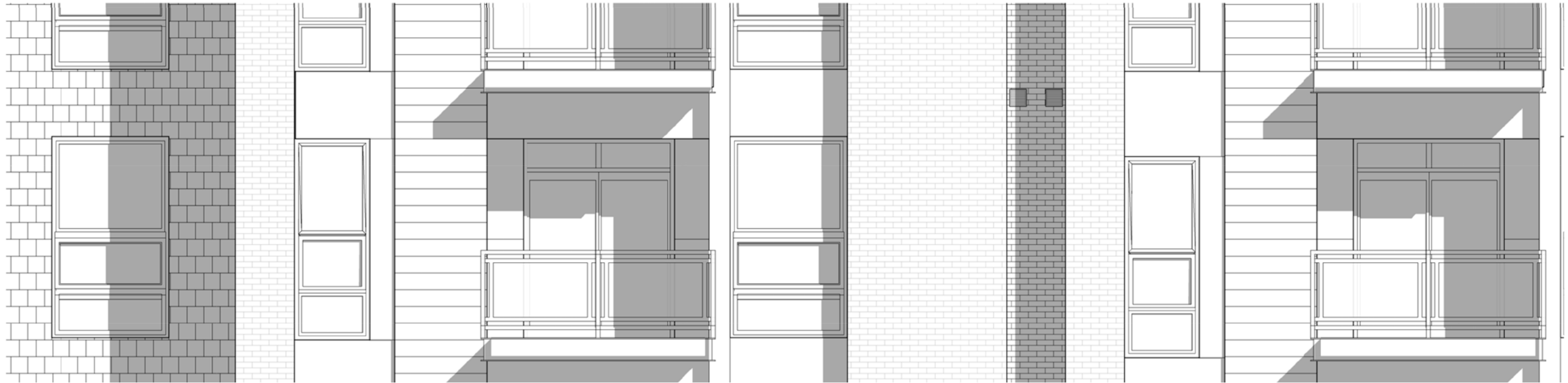
Example: Aluminum Window: Traco  
AA 5450 Ultra Thermal Window  
**Average U-Value: 0.38**

Scale 3/4" = 1' 0"

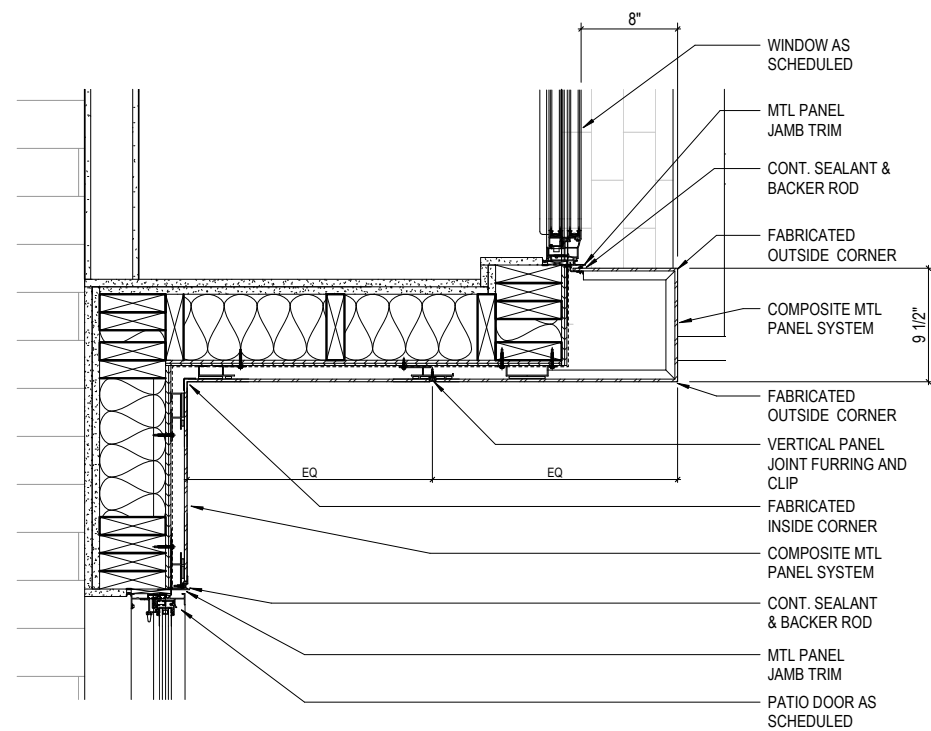




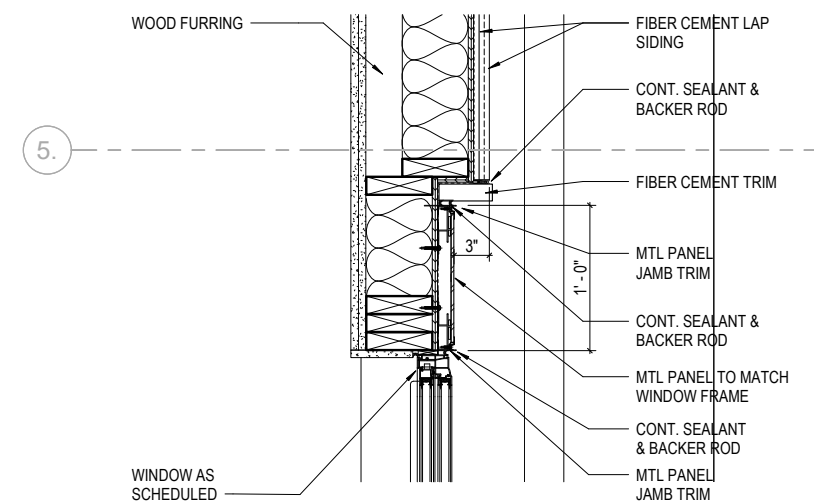




- South Identity facade composed of repeating depth and relief elements
  - 5' 0" projecting masonry bays
  - Each recess contains cladding materials articulated at different depths
  - Balconies are hosted from main building volume and project from masonry bays



**South Building Metal Fin Detail  
PLAN**

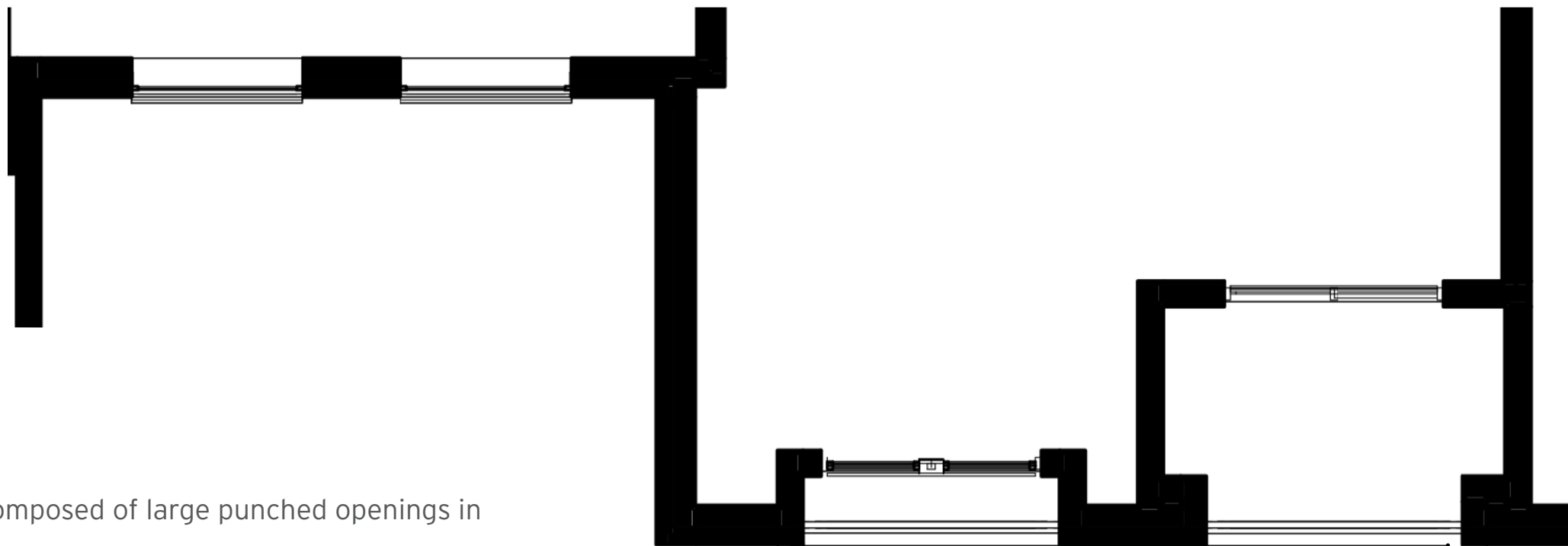


**South Building Faux Wood Return Detail  
PLAN**





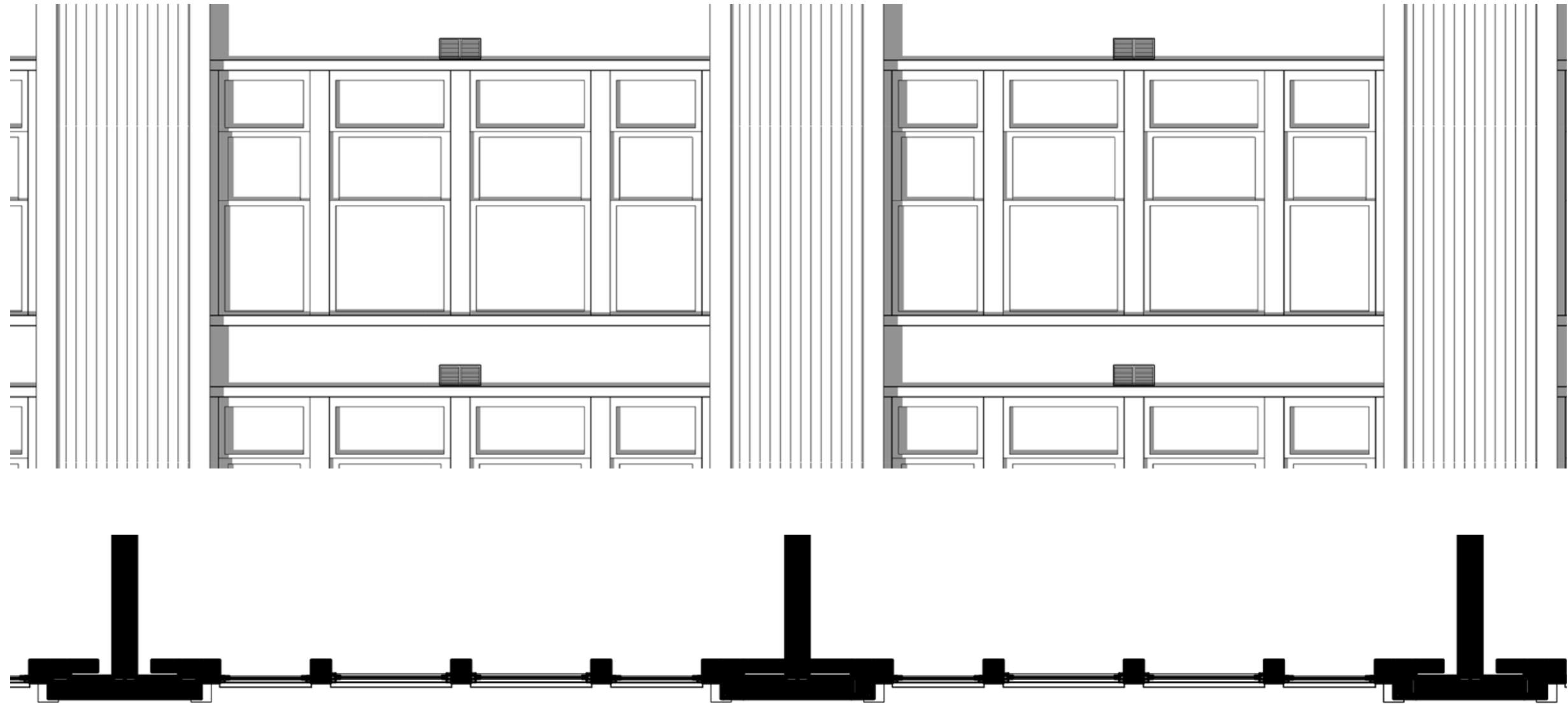




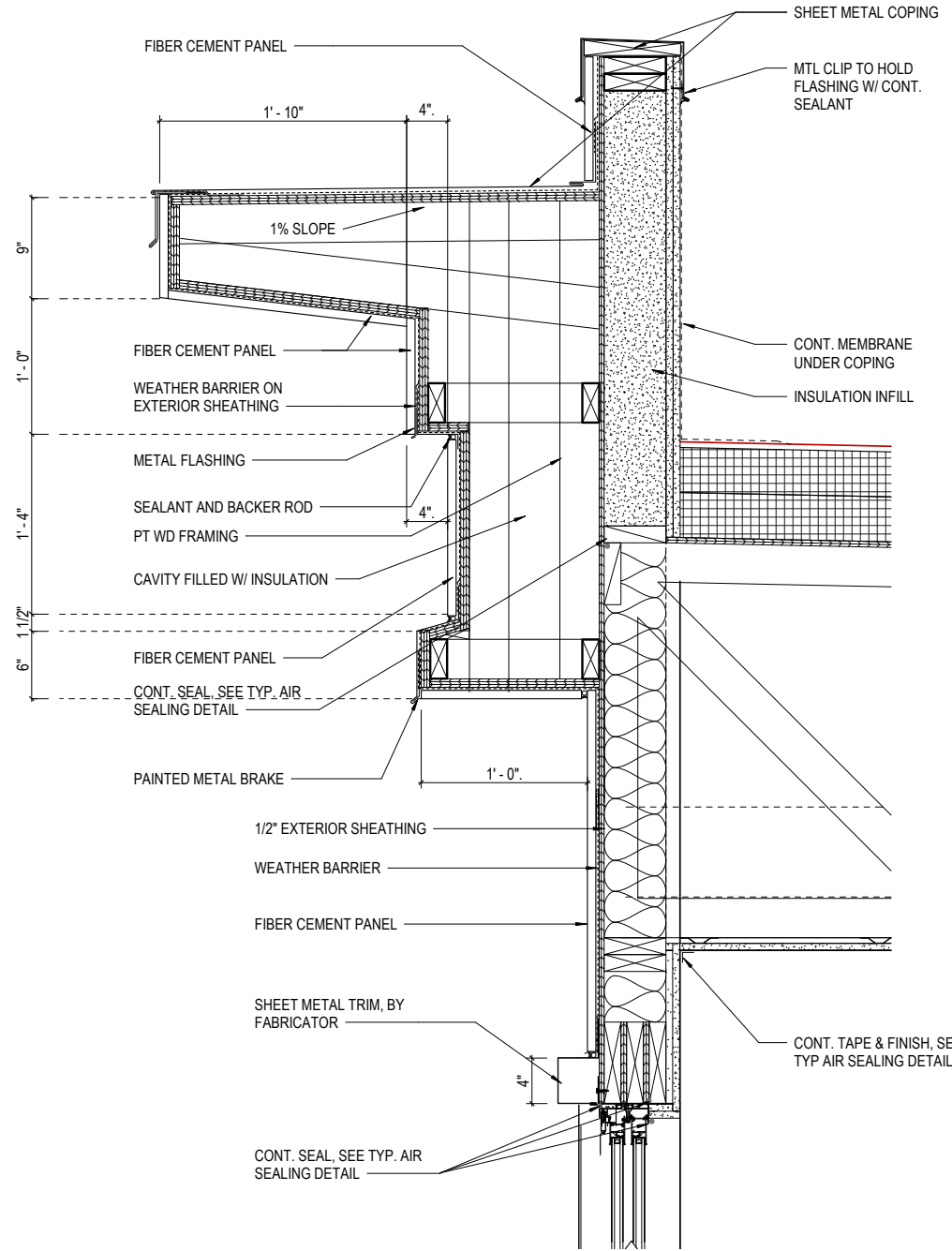
- Central Identity facade composed of large punched openings in white brick facade.
- Openings house balconies or recessed windows
- Handrails at each opening add an additional layer to facade
- “Hyphens” of dark gray brick host punched windows enhanced with a panning detail to add depth



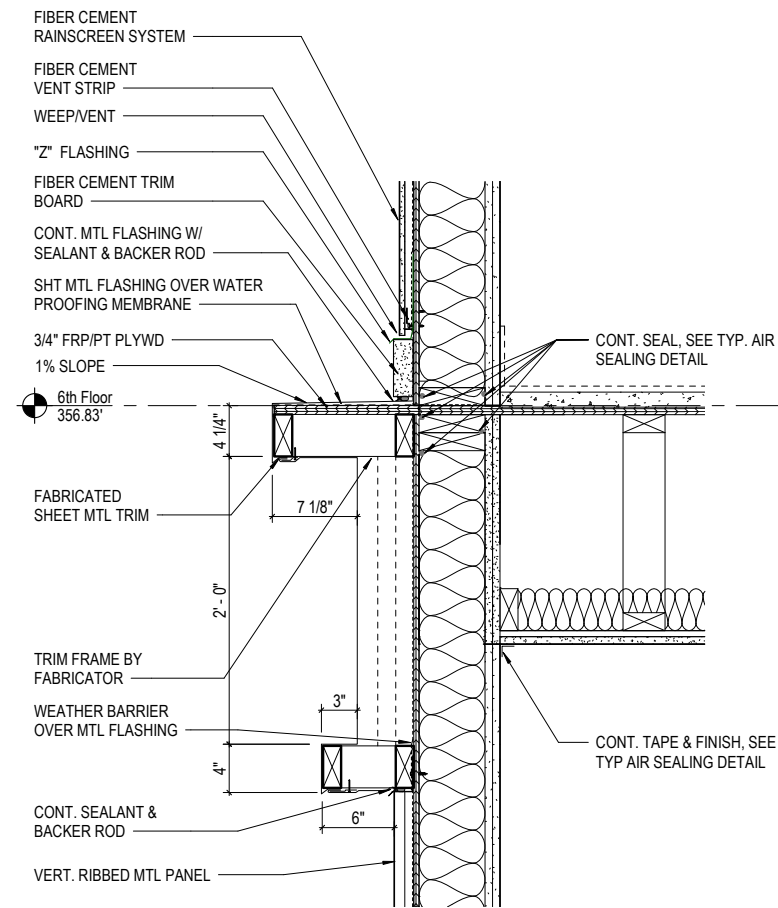




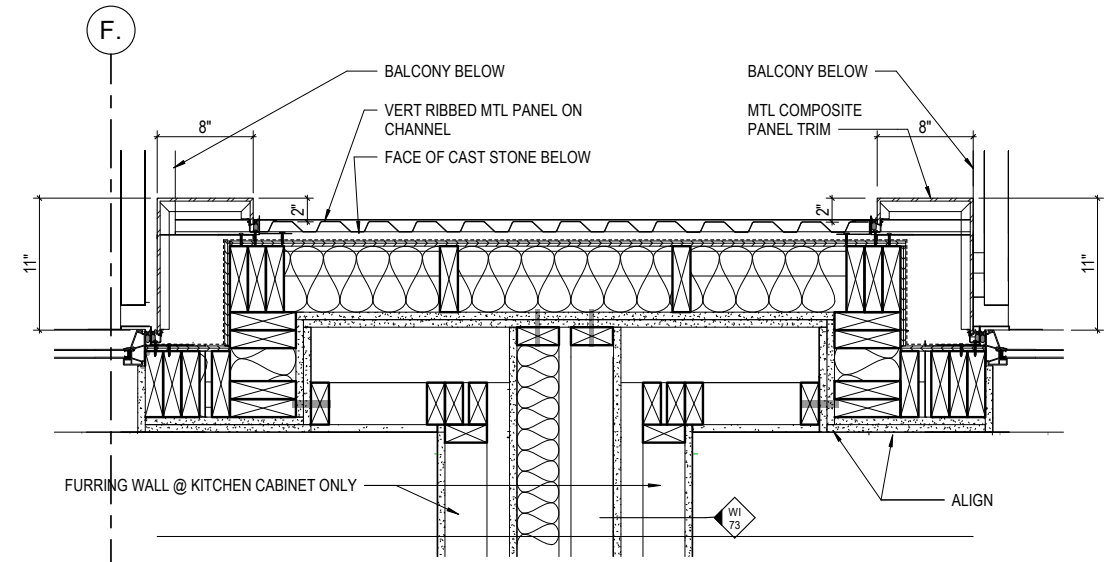
- North Identity reflects a traditional frame and infill system of piers
- Hierarchy established using spandrels and piers to determine window placement
- Trim details and rhythmic openings enhance layered composition



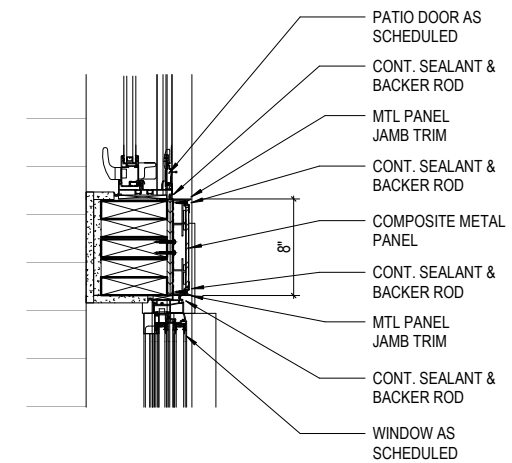
North Building Road Cornice Detail Section



North Building 6th Fl. Cornice Detail Section

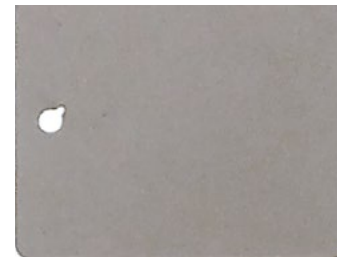


North Building Typical Window Trim Detail Plan



North Building Typical Window Frame Detail





METAL WALL SYSTEM



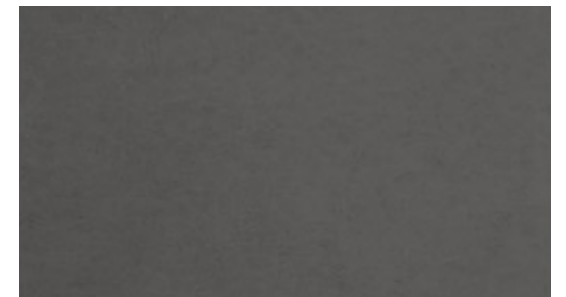
METAL TRIM & WINDOW FRAME



WINDOW GLASS



RED BRICK



FIBER CEMENT LAP SIDING AND RAINSCREEN PANEL



IRONSPOT BRICK



ACCENT 2



FULL ELEVATION





METAL TRIM & WINDOW FRAME



WHITE BRICK



IRONSPOT BRICK



CENTRAL ELEMENT GLASS

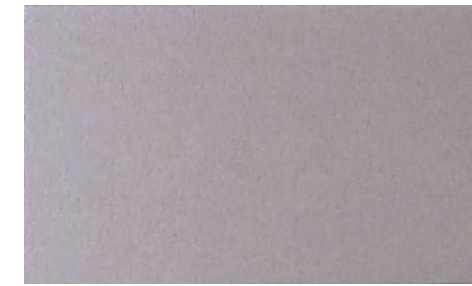


WINDOW GLASS



FULL ELEVATION





METAL TRIM & WINDOW FRAME



WINDOW GLASS



FIBER CEMENT PANEL



PROFILED METAL PANEL



MANUFACTURED STONE VENEER



PROFILED METAL PANEL



FULL ELEVATION



### SIZING WIDTH FORMULAS

BASIC UNIT WIDTH = GLASS + 3.688"  
GLASS WIDTH = BASIC UNIT WIDTH - 3.688"

SASH WIDTH = BASIC UNIT WIDTH - 2.156"

SCREEN WIDTH = SASH GLASS WIDTH + 0.188"

### SIZING HEIGHT FORMULAS

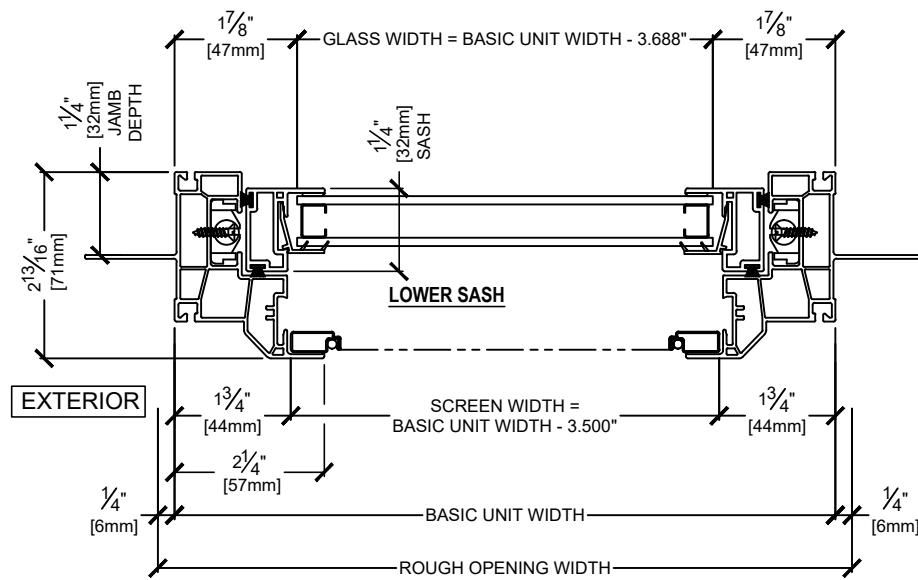
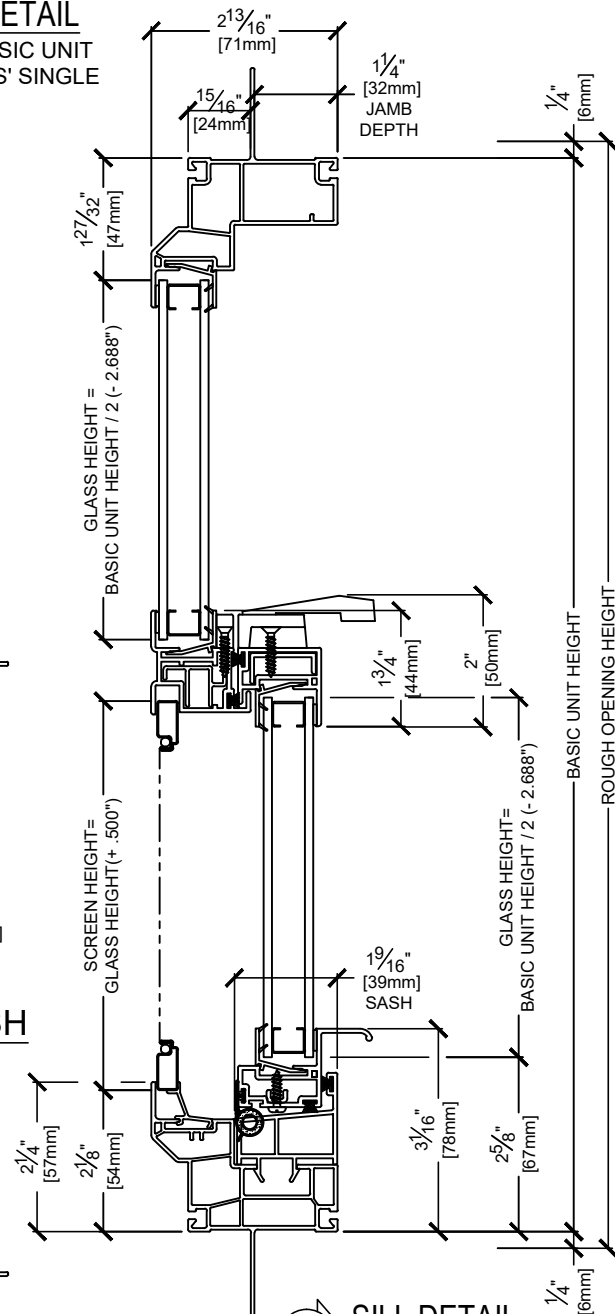
BASIC UNIT HEIGHT = GLASS X 2 (+ 2.688")  
GLASS HEIGHT = BASIC UNIT HEIGHT / 2 (- 2.688")

SASH HEIGHT = GLASS HEIGHT + 1.53125" OR  
BASIC UNIT HEIGHT / 2 - 1.156"

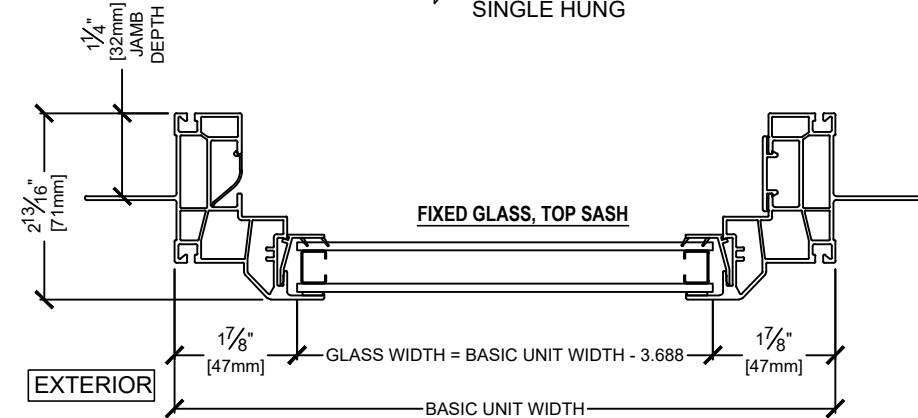
SCREEN HEIGHT = SASH GLASS HEIGHT + 0.500"

## New Construction

### HEAD DETAIL VINYL BASIC UNIT BUILDERS' SINGLE HUNG

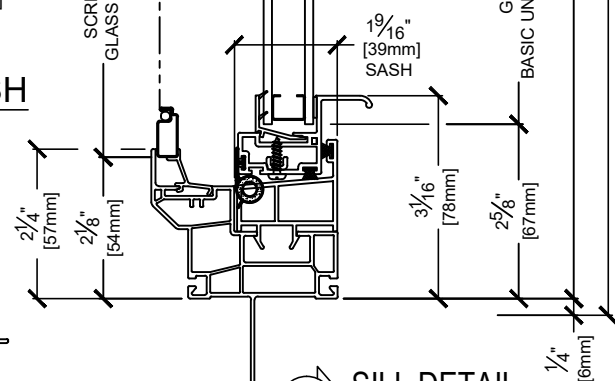


### JAMB DETAIL, LOWER SASH VINYL BASIC UNIT SINGLE HUNG



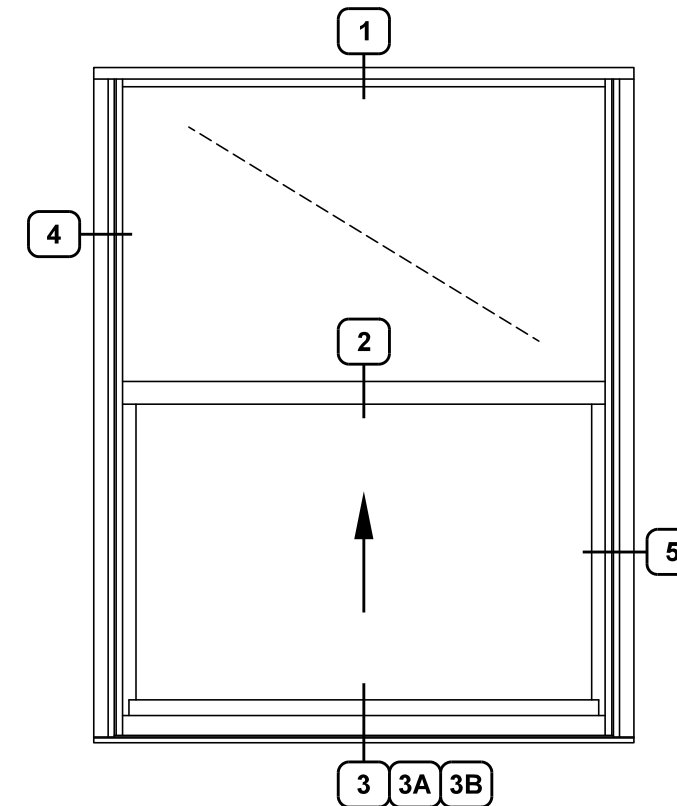
### JAMB DETAIL, FIXED GLASS, TOP SASH VINYL BASIC UNIT SINGLE HUNG

### SILL DETAIL VINYL BASIC UNIT BUILDERS' SINGLE HUNG



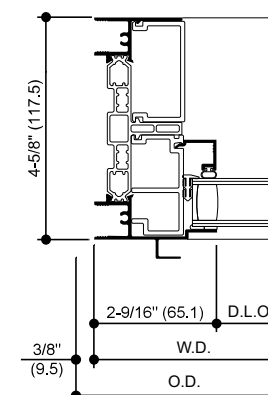
Selected Vinyl Window

## AA™ 5450 SINGLE HUNG WINDOW (1" Double Glazed)

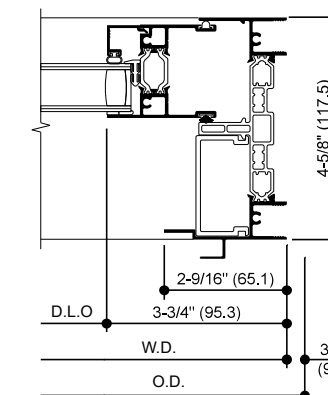


### TYPICAL ELEVATION

Log onto [www.kawneer.com](http://www.kawneer.com) for other configurations

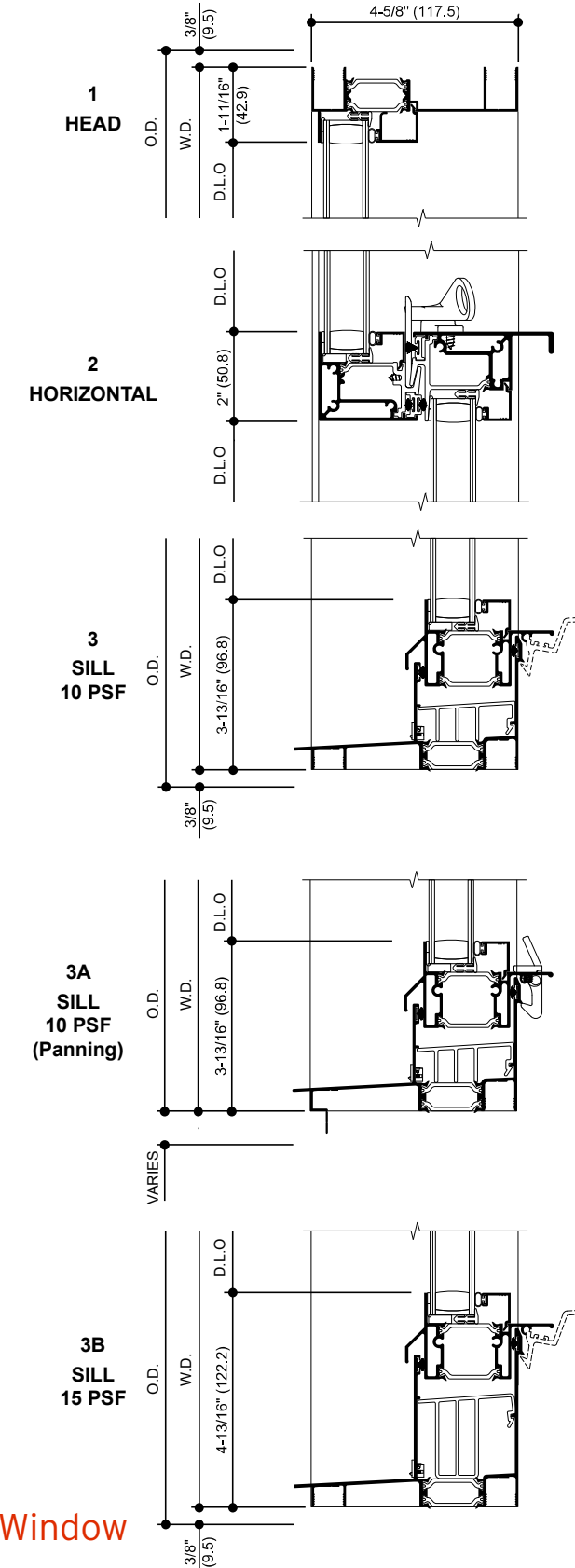


4  
FIXED JAMB



5  
OPERABLE JAMB

Example Aluminum Window







 **TORTI  
GALLAS  
URBAN**

