

Alaskan Way Viaduct Replacement Program



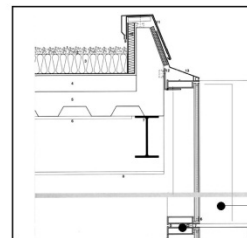
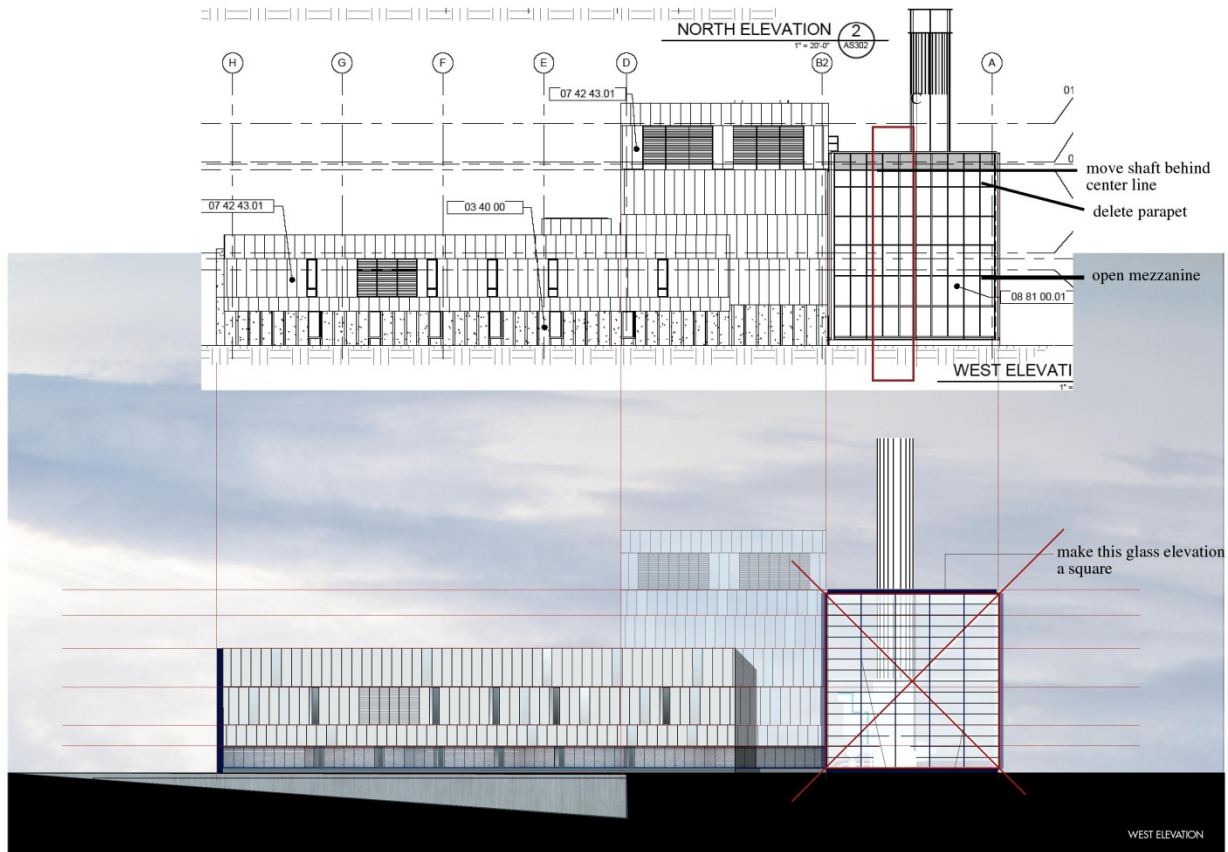
Seattle Design Commission
April 5, 2012

SDC COMMENTS - FEBRUARY 2, 2012

- Revise the form, color, lighting and design of the stacks so that they appear continuous when they pierce the roof of the fan room. If the mechanical requirements prevent the stacks from being a continuous form below and above the roof, use light, color and composition to create a design that unifies the pieces into a simple legible form.
- Integrate the design of the head house and its ground and its ground plane with the design of the operations building.
- Review and further refine the joinery of the façade so that its design and patterning of bands and joints is intentional. While the design of the joinery has improved, it needs more fine tuning.

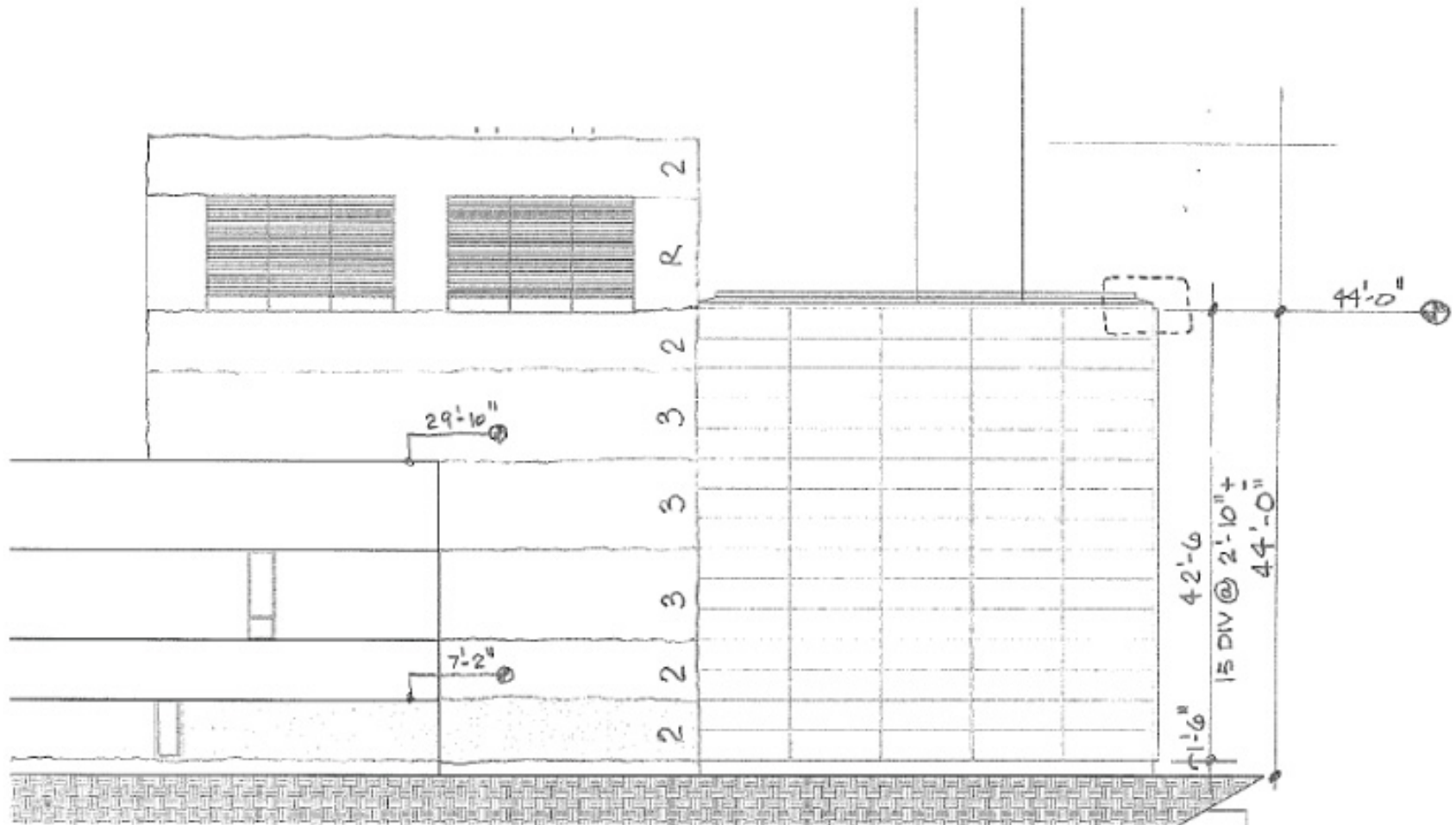
SDC COMMENTS - FEBRUARY 2, 2012

- Integrate sustainability and storm water strategies into the design. Consider placement of the storm water collection on the north side of the building.
- Simplify the detail around the garage doors.
- Remove the apron and its unique paving treatment from the base of the fan room. Consider using a sidewalk pattern instead.
- Recognize that the site boundary will likely shift as the waterfront team moves forward with its planning and design work.

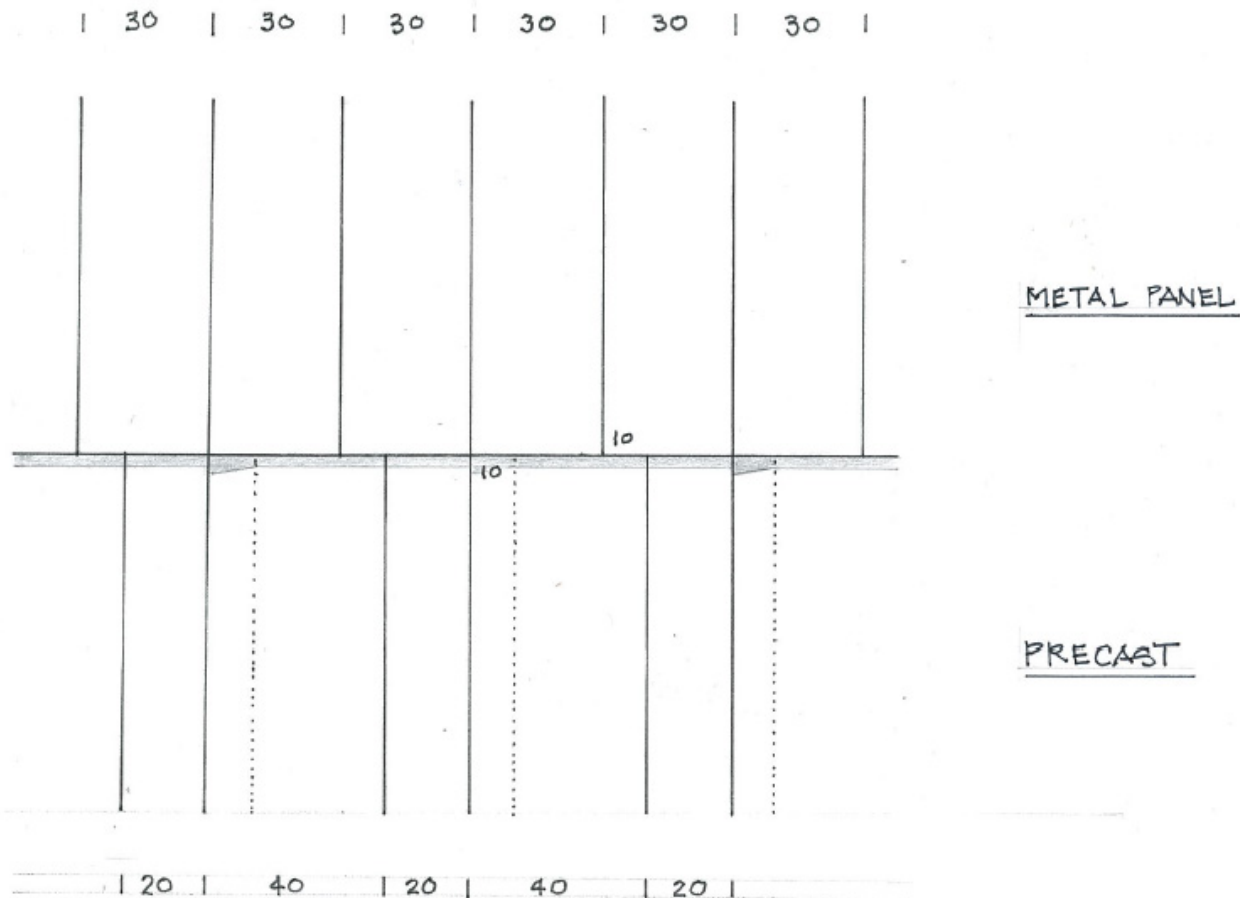


divide facade into 5 vertical bays. Vertical mullions are in front of glass and horizontal mullions are behind glass

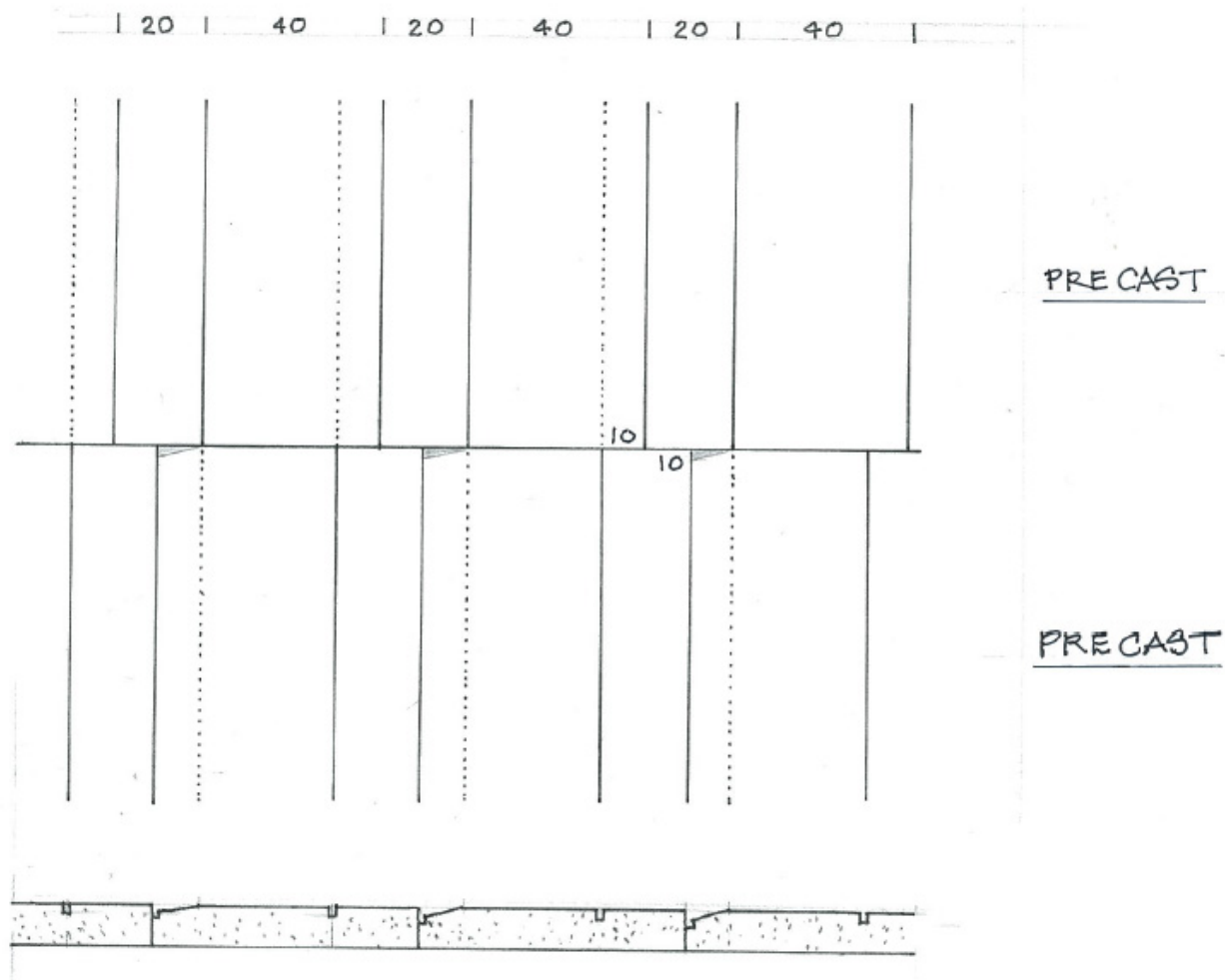
Vertical mullion
Horizontal Mullion



TYP. EXTERIOR FINISH MODULE



METAL PANEL/PRECAST MODULE



PRECAST MODULE - 40"/20"



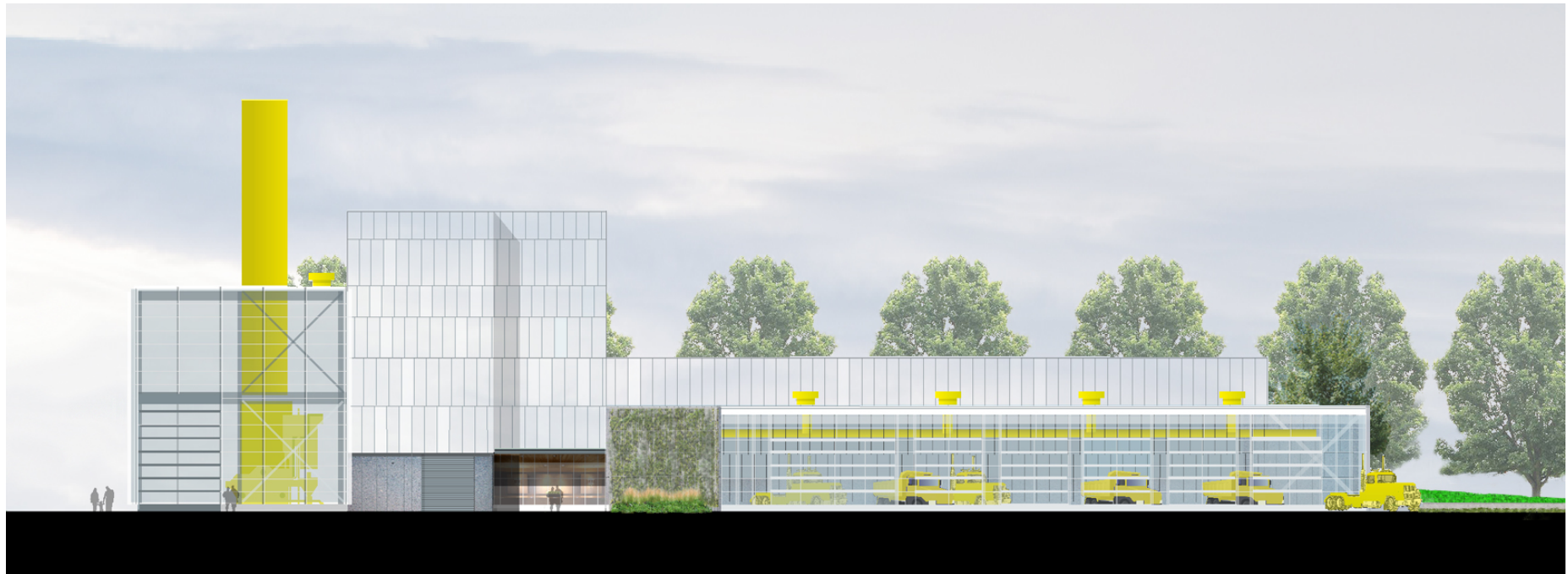


**SAFETY
YELLOW**

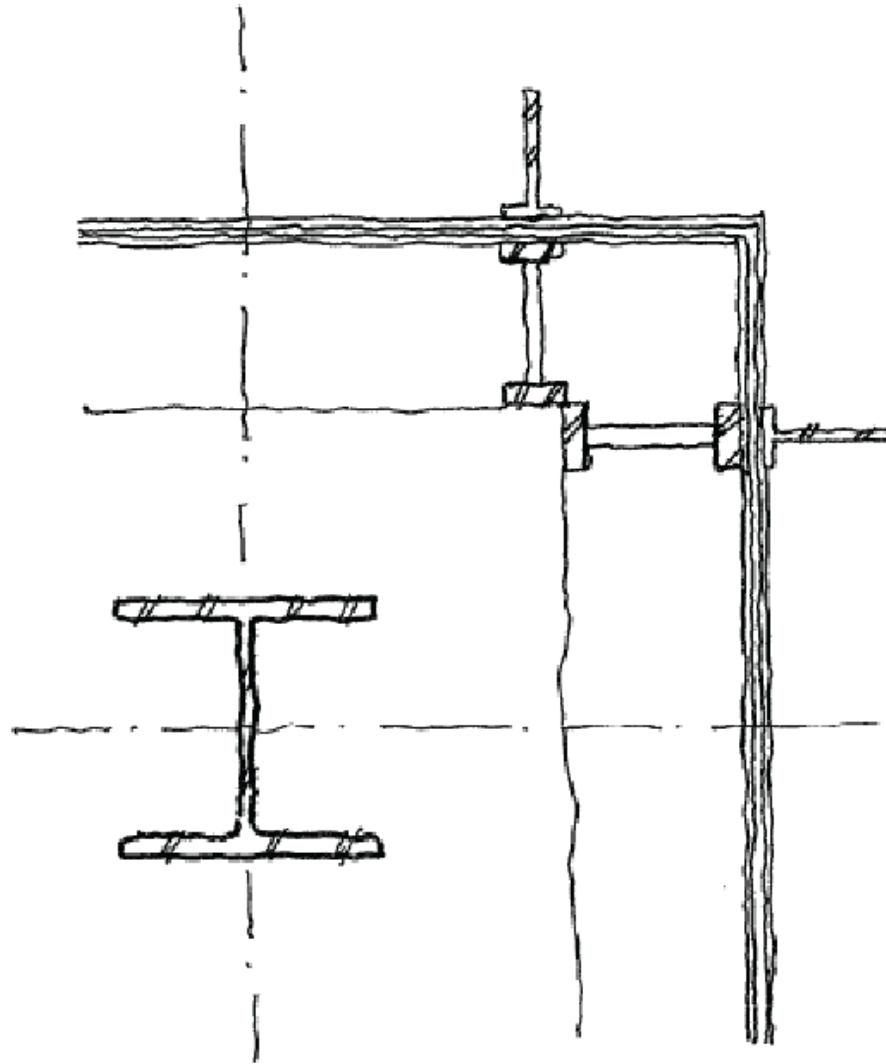


SOUTH OPERATIONS BUILDING

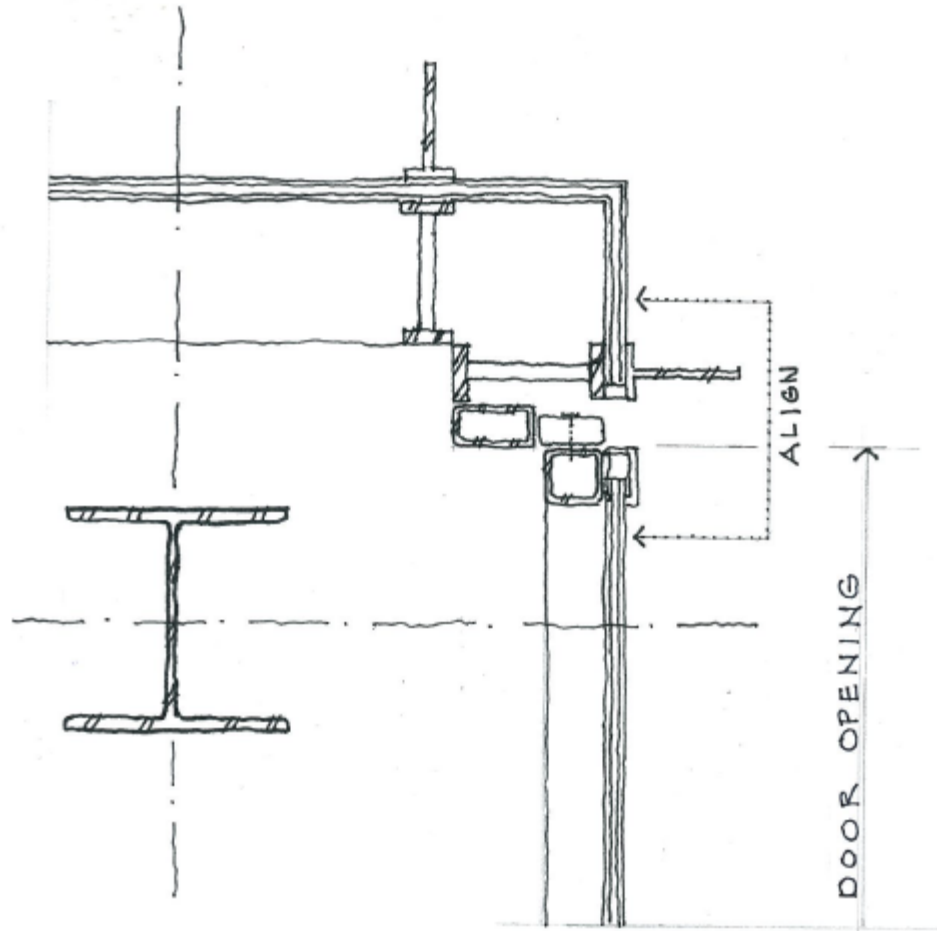






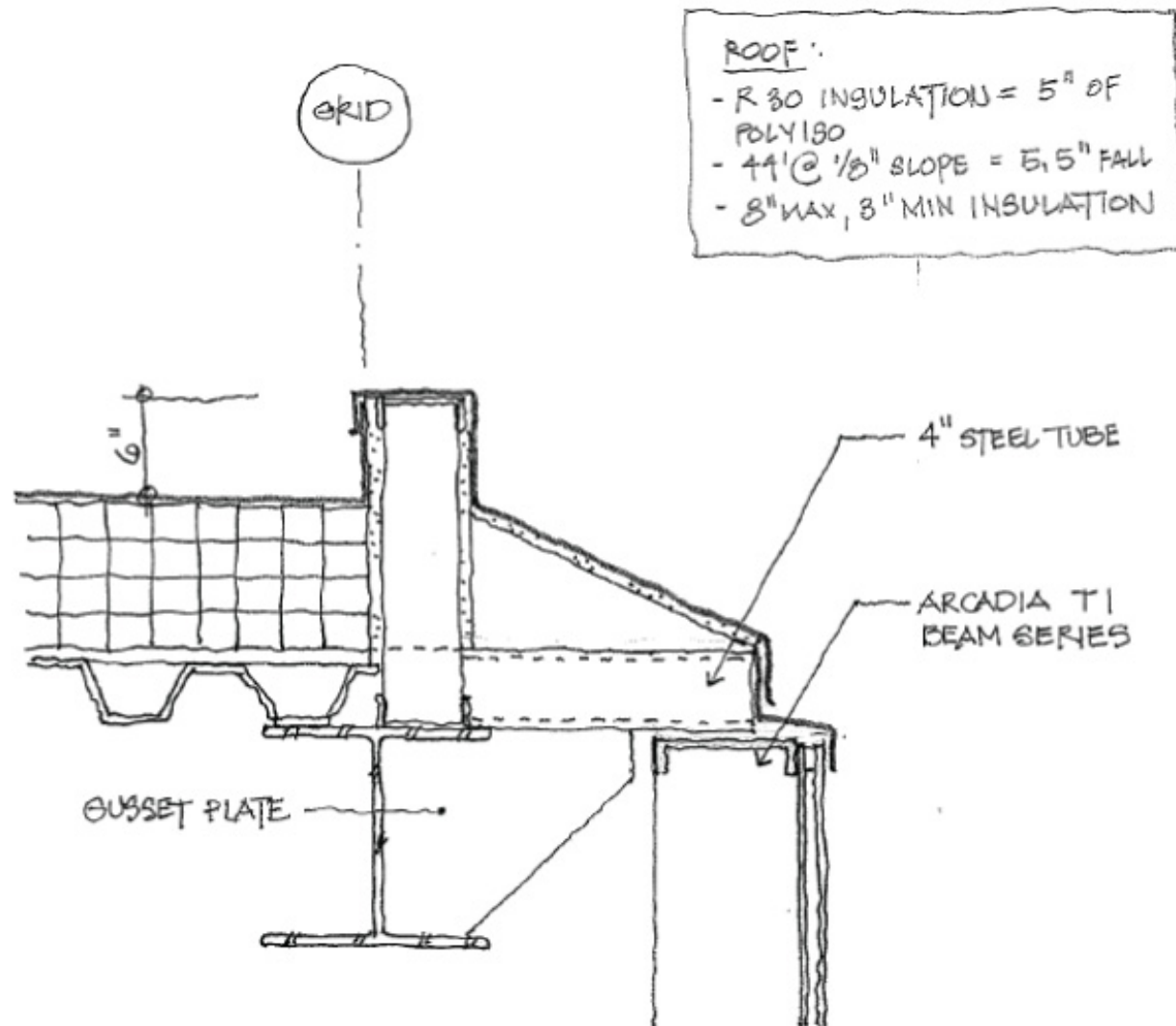


FAN ROOM GLAZING - PLAN AT CORNER

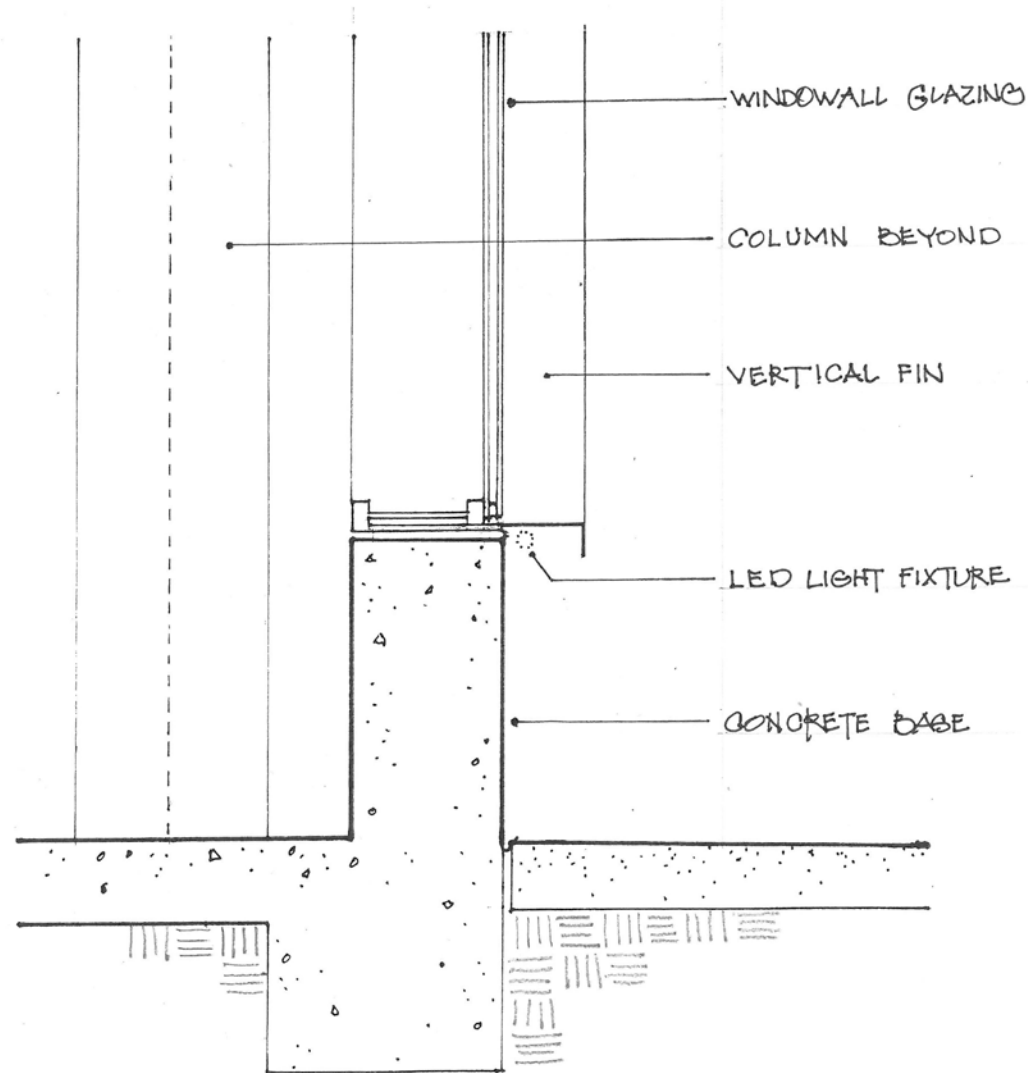


DOOR JAMB @ FAN ROOM

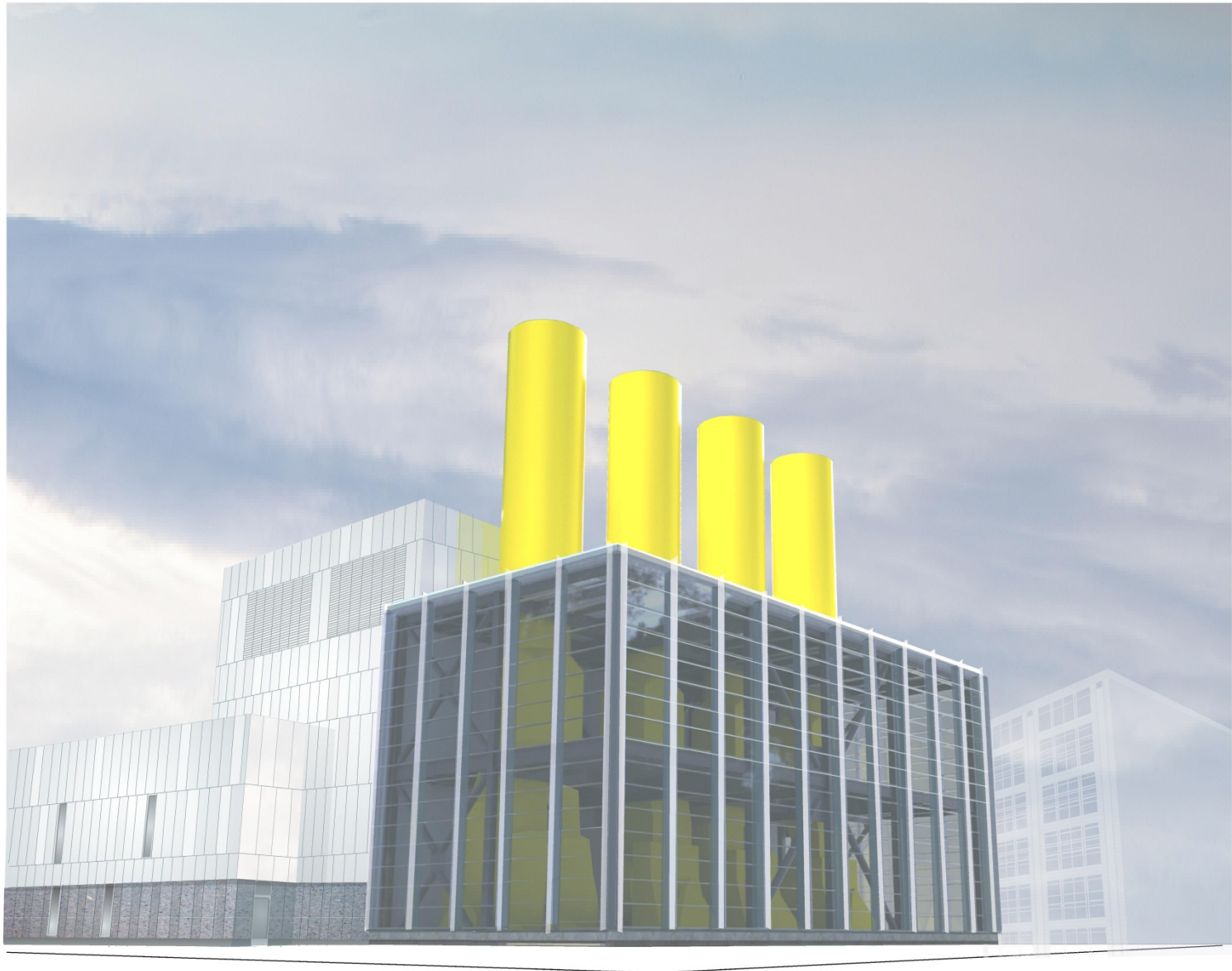


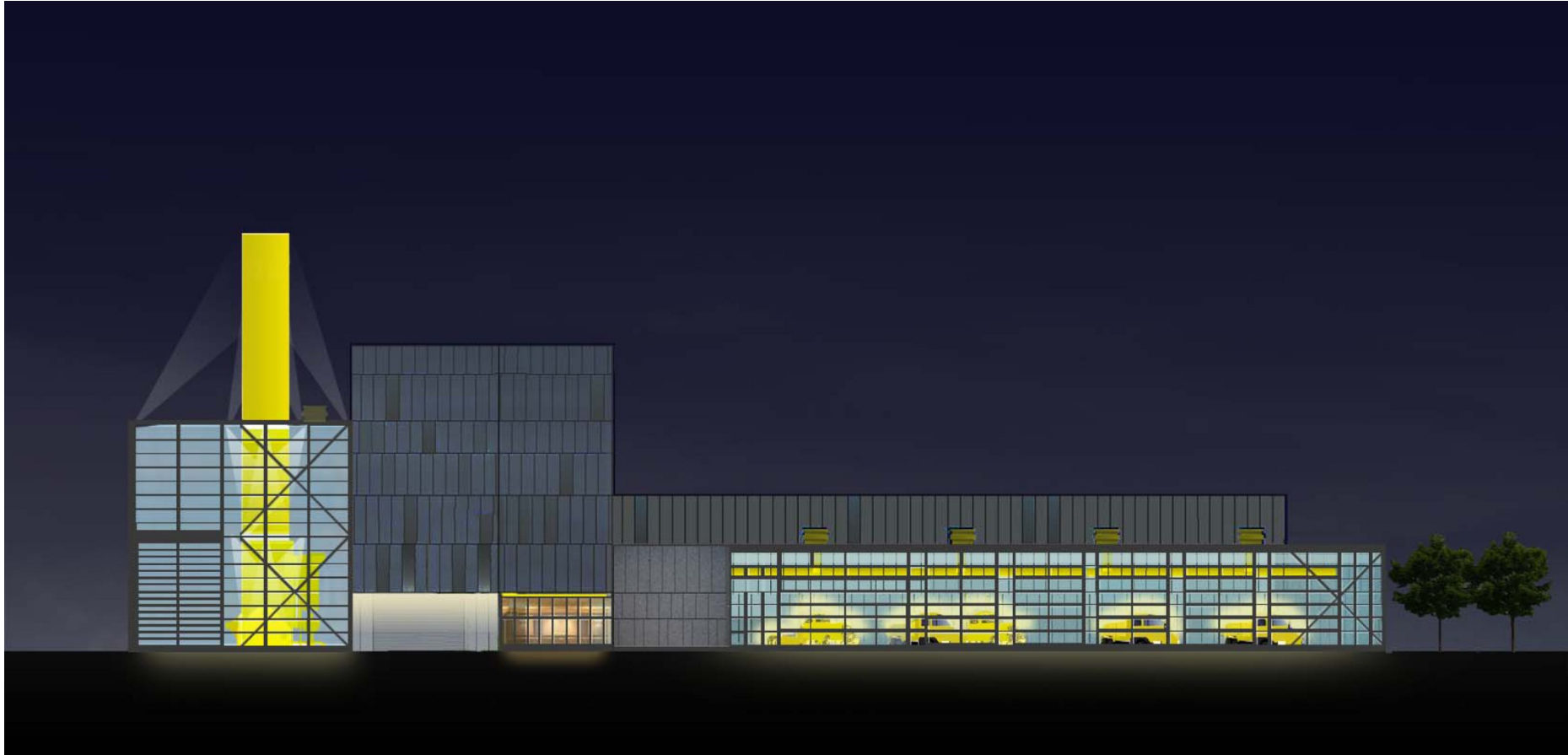


HEAD AT FAN ROOM

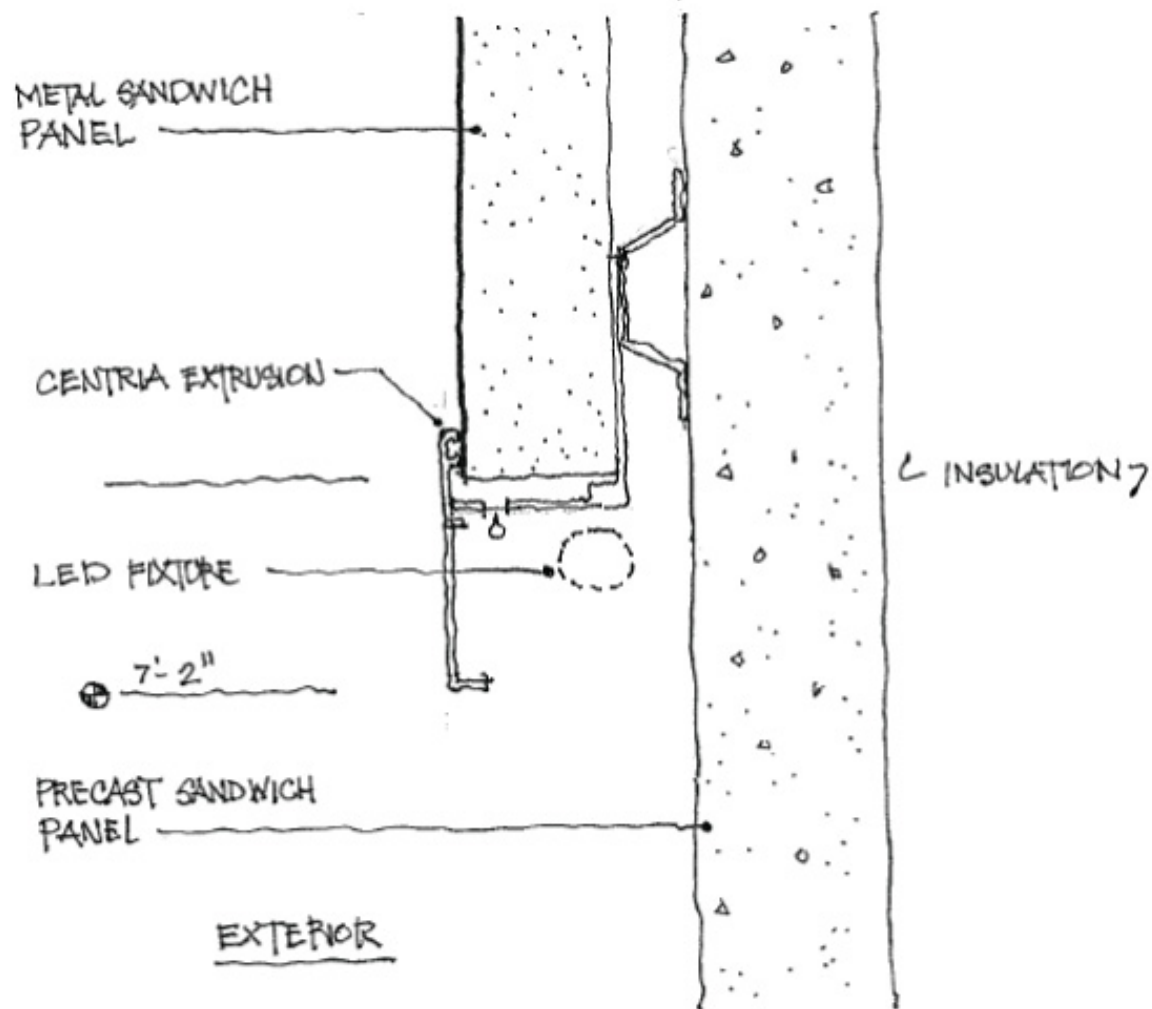


BASE AT FAN ROOM



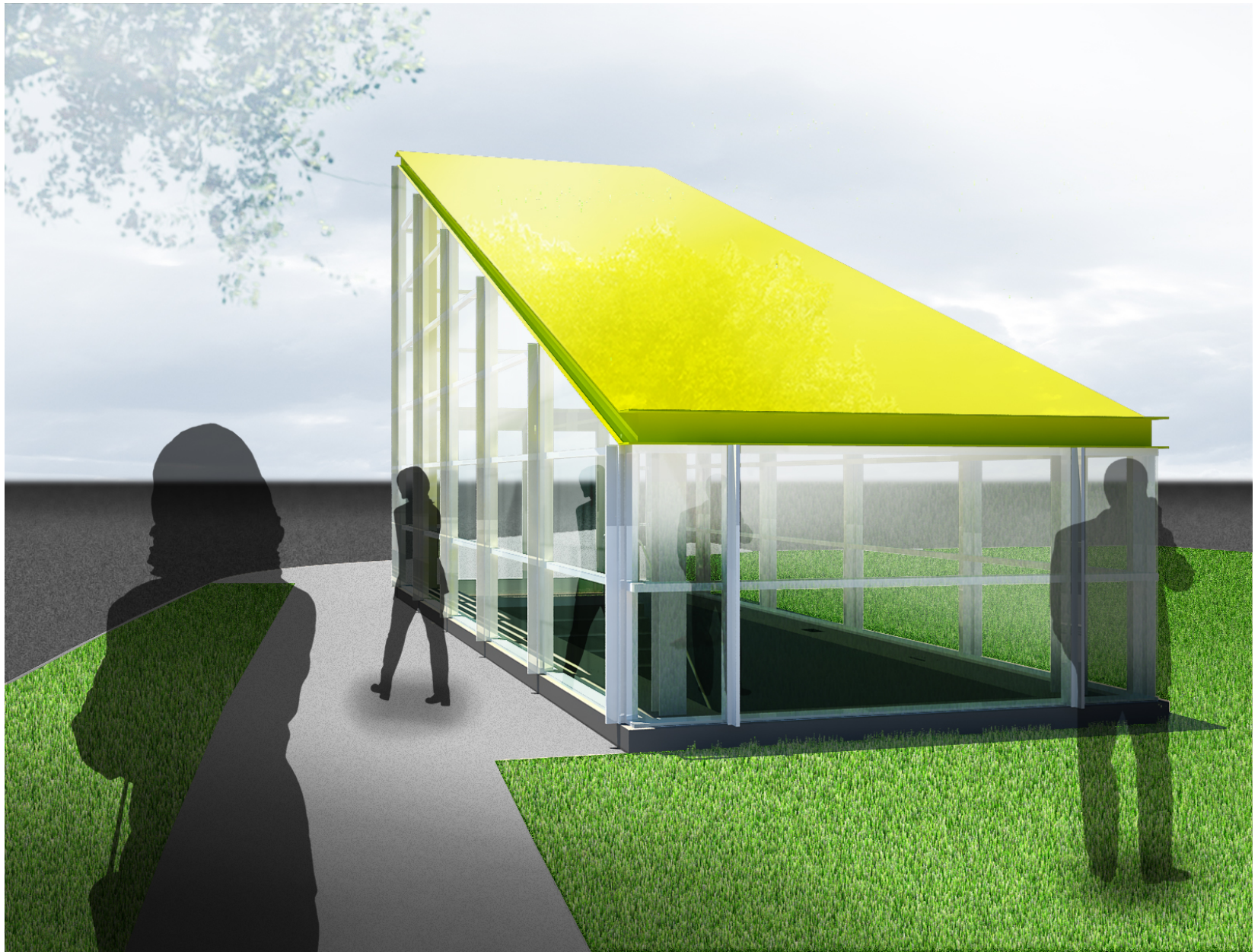






NOTE: LIGHT SHIELD BY CENTRIA

LED @ PRECAST





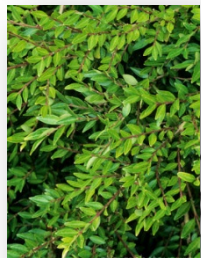
SR 99 Tunnel Project

SOUTH OPERATIONS BUILDING: SITE PLAN

URBAN EDGE
PLANTING



MT. VERNON LAUREL



PRIVET
HONEYSUCKLE



AVALANCHE
REED GRASS

SCORED
SIDEWALK

TEMPORARY
PAVING

MAINTAIN VISIBILITY
TO GLASS BOX

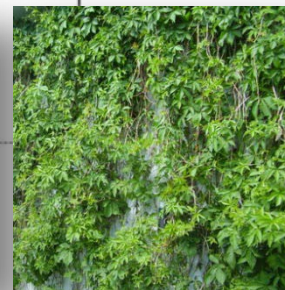
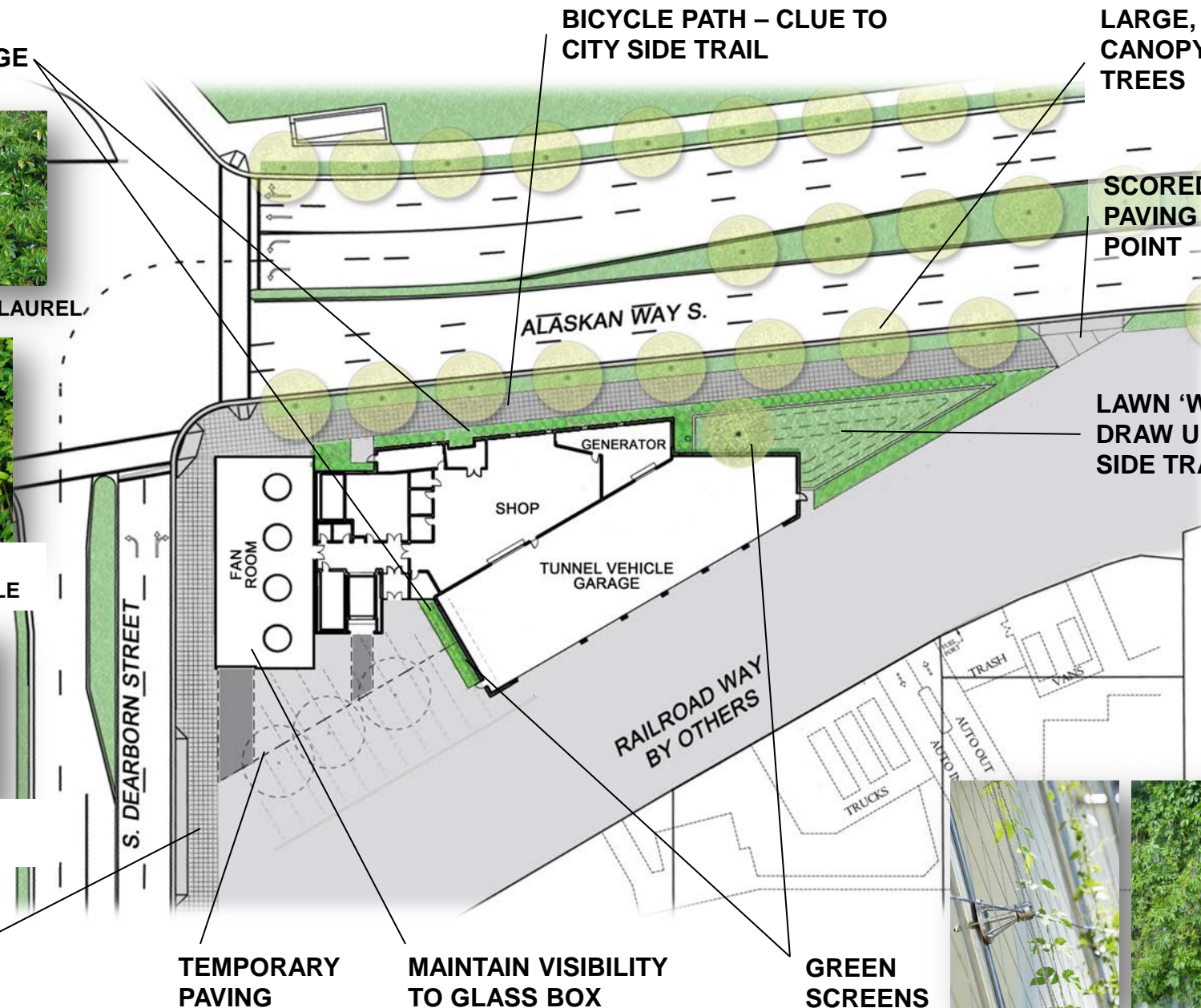
GREEN
SCREENS

BICYCLE PATH – CLUE TO
CITY SIDE TRAIL

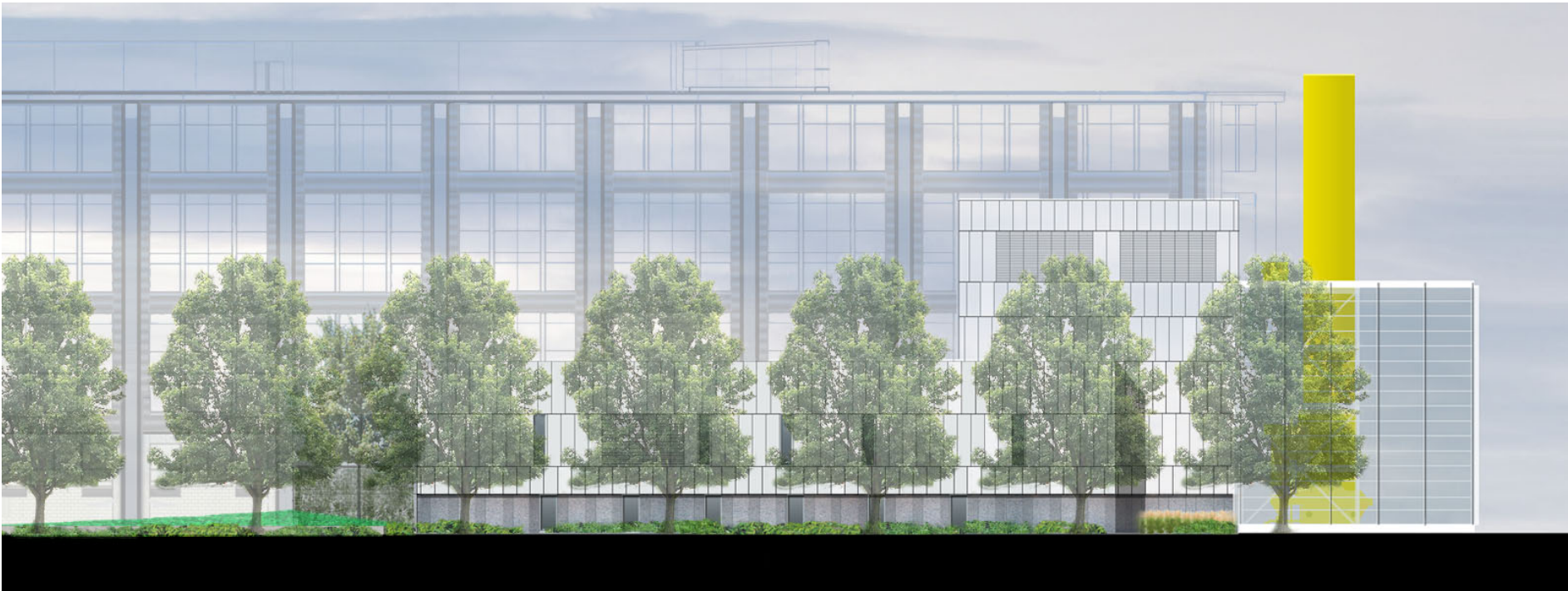
LARGE, BROAD
CANOPY STREET
TREES

SCORED CONCRETE
PAVING – DECISION
POINT

LAWN 'WEDGE' TO
DRAW UPON CITY
SIDE TRAIL









SUSTAINABILITY

SURFACE WATER

SOUTH PORTAL – SHALLOW WATER TABLE

- Green Stormwater Infrastructure (GSI) methods that depend on infiltration.
- Port Side Trail runoff is infiltrated next to the trail and in an infiltration pond.

NORTH PORTAL – SITE WITH CONTAMINATES

- WSDOT pursuing Planned Green Storm Water infrastructure on the Seattle Center Campus with Seattle Public Utilities, King County and Seattle Center. If concept is accepted, the GSI facility will reduce combined sewer overflows more than the currently planned detention tanks.

LANDSCAPING

- Extensive sustainable plantings, native or low water use plants will be used.

ENTIRE PROJECT

- Locally produced concrete with recycled content.
- American steel per 'Buy America' with high recycled content.
- Tunnel Extraction Fan Selection; Fan type selected to maximize efficiency, durability and reduction in number of fans from five to four.

BUILDINGS

- Energy efficient enclosure exceeds energy code.
- Daylighting; Occupied spaces including circulation and shop spaces.

NORTH OPERATIONS BUILDING





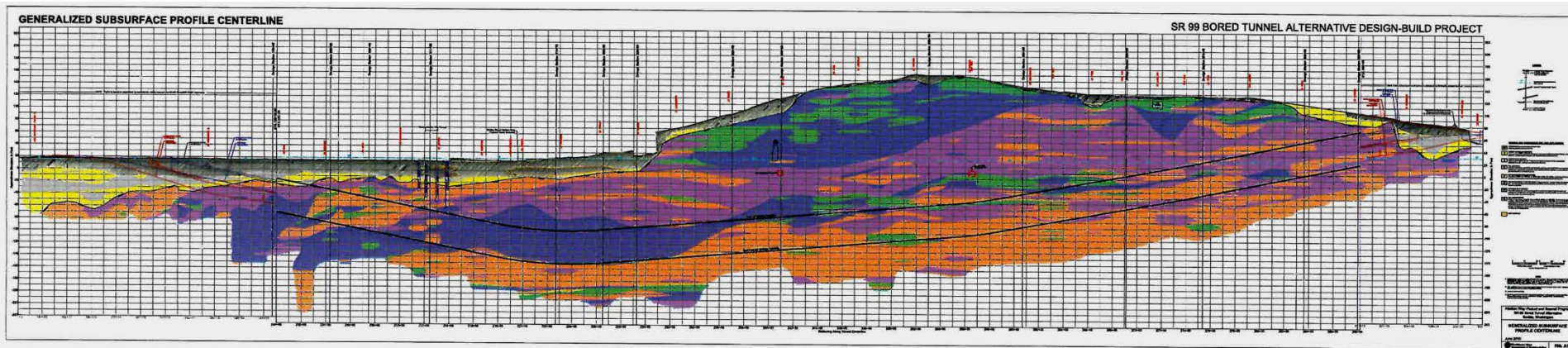




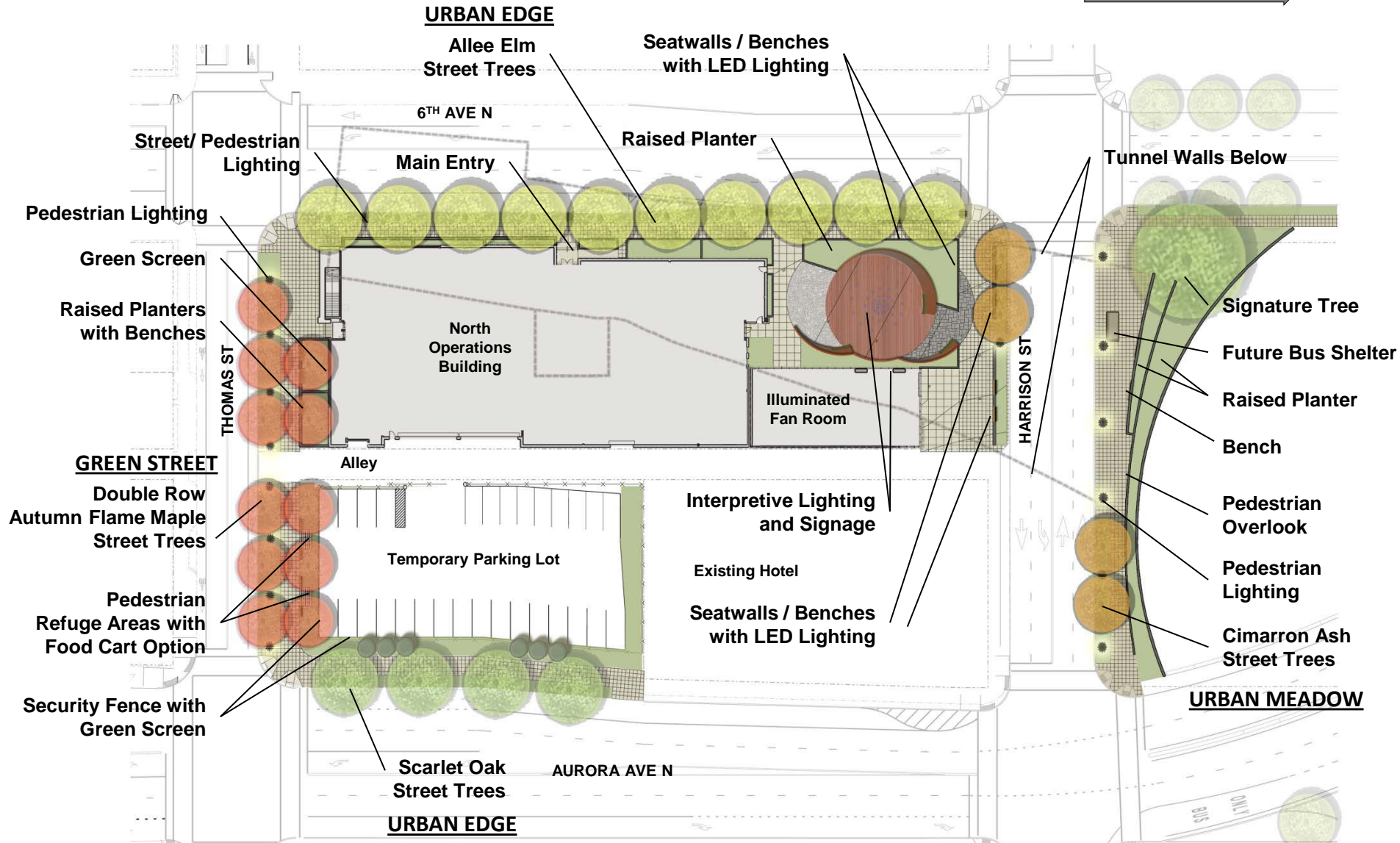


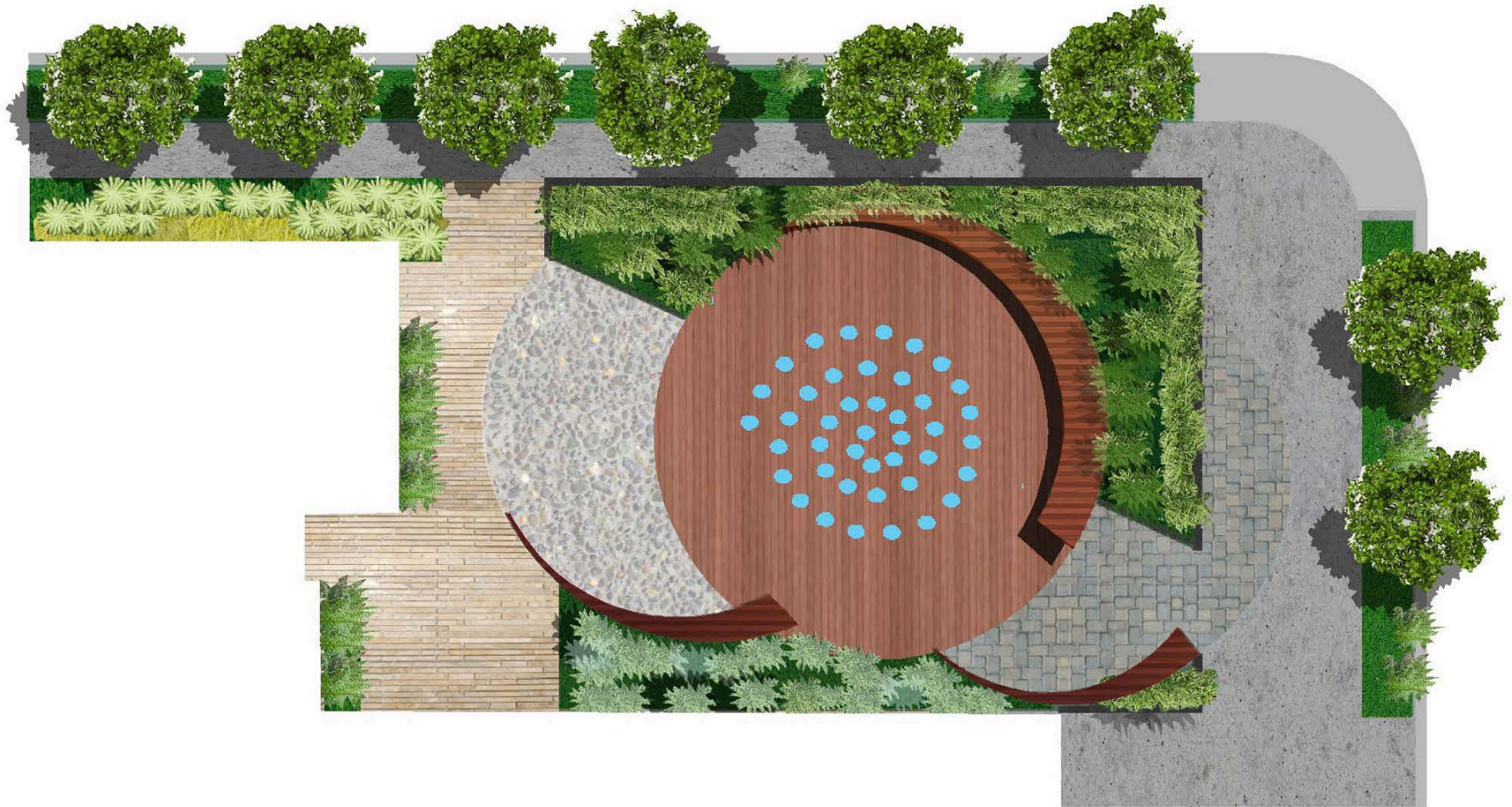






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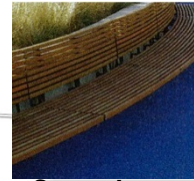


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Soil Stratification Inspiration



Concrete Planter Walls



Curved Wood Bench



Corten Steel Walls

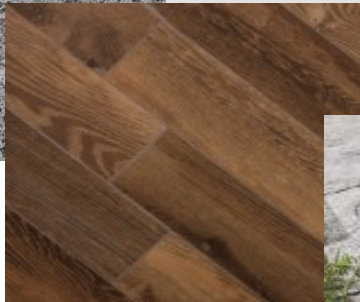


Concrete Seatwalls / Benches with LED Lighting

6TH AVE N



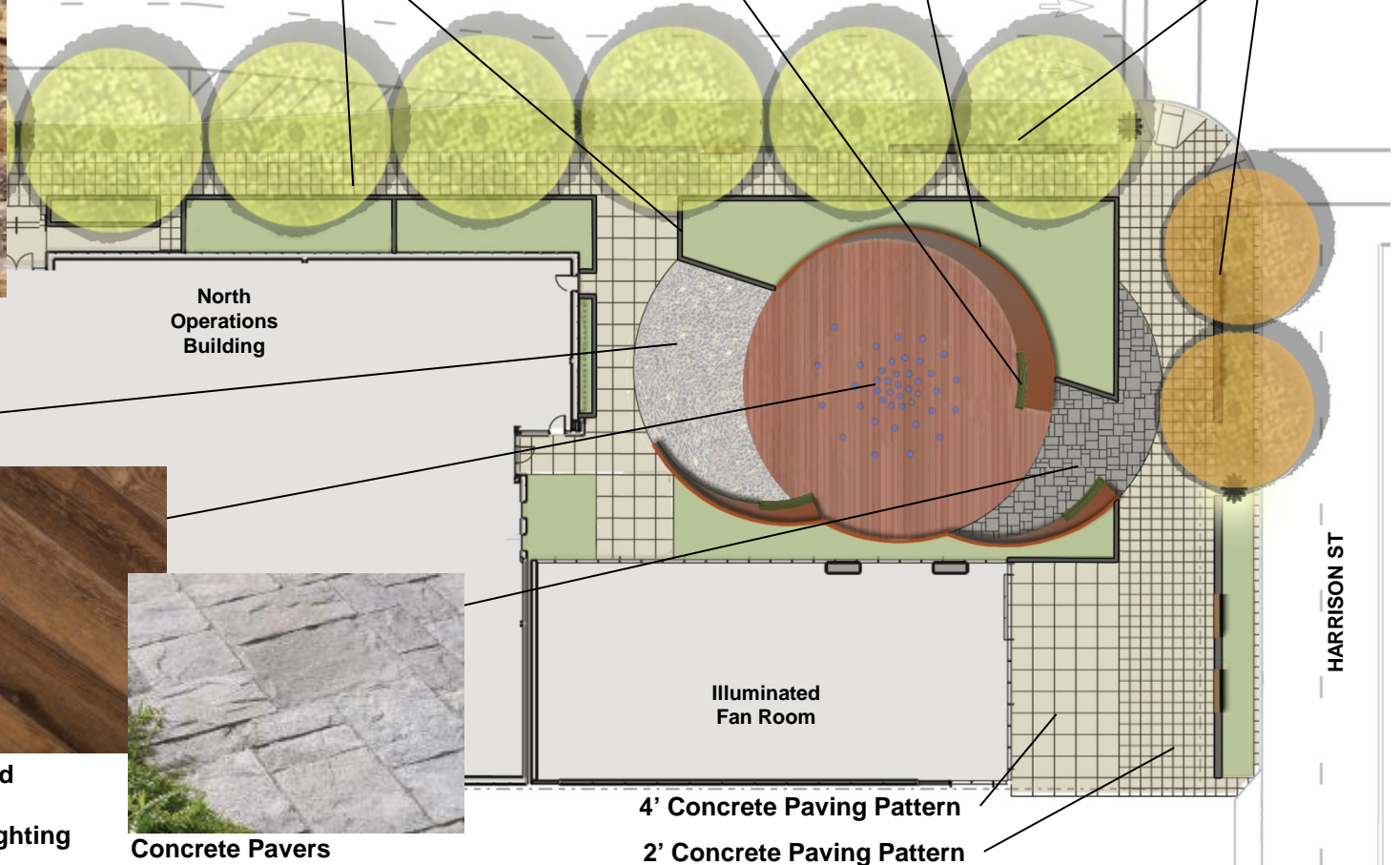
Exposed Aggregate



Recycled Wood Product with Interpretive Lighting



Concrete Pavers



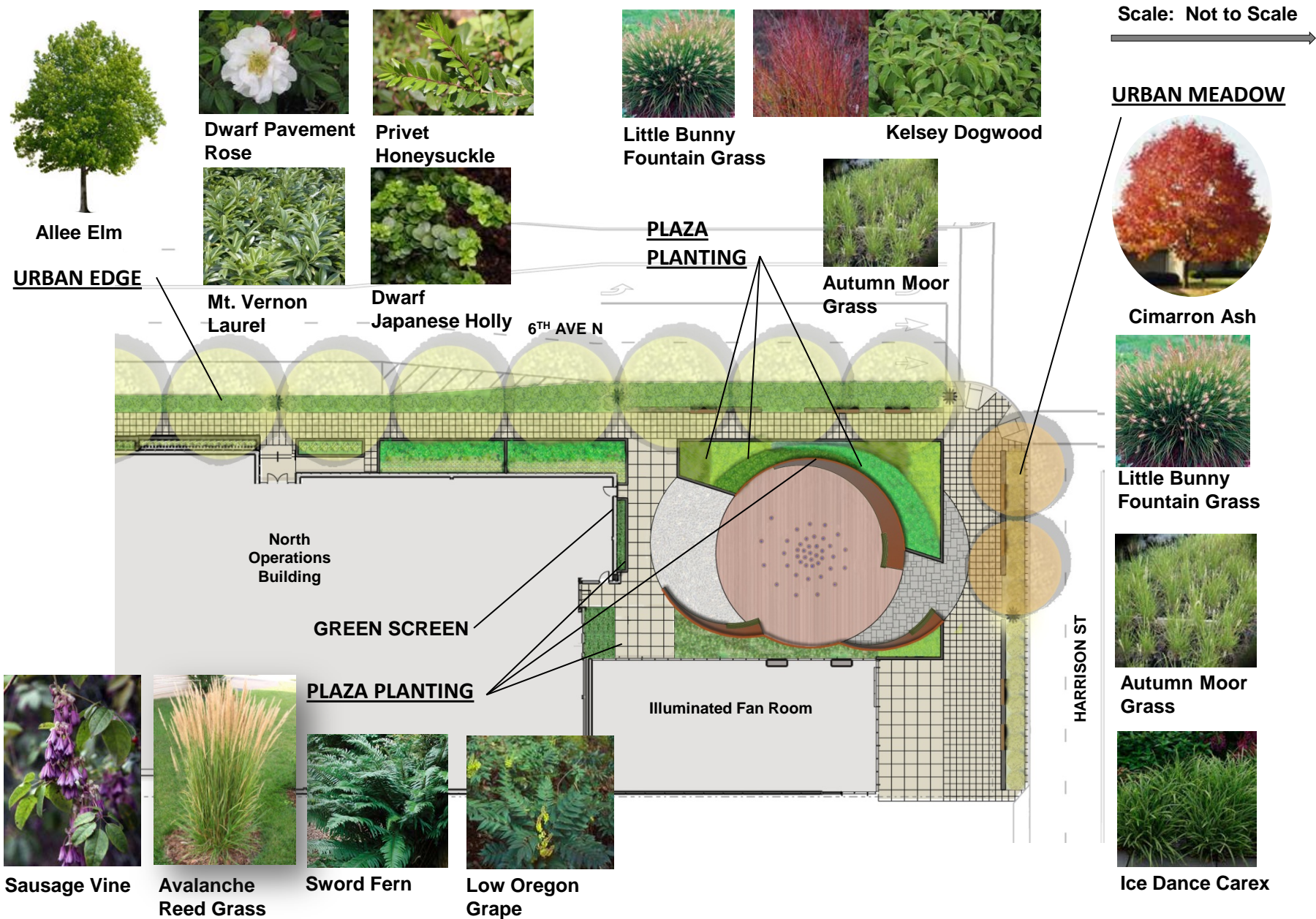
Illuminated Fan Room

4' Concrete Paving Pattern

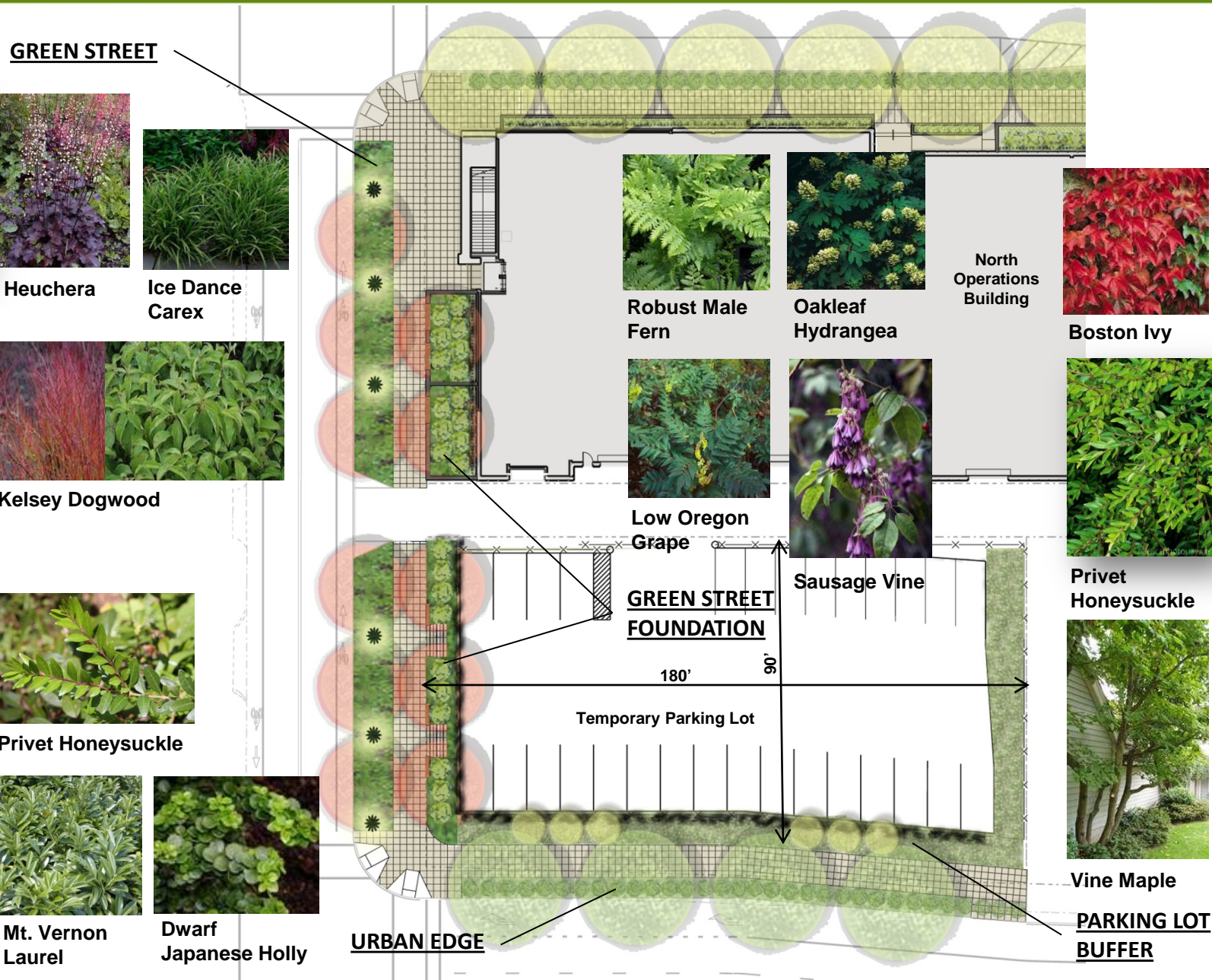
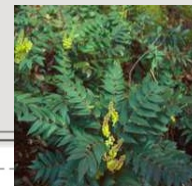
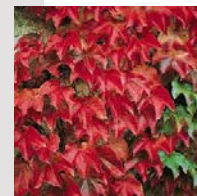
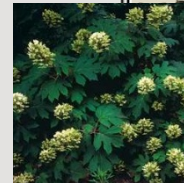
2' Concrete Paving Pattern

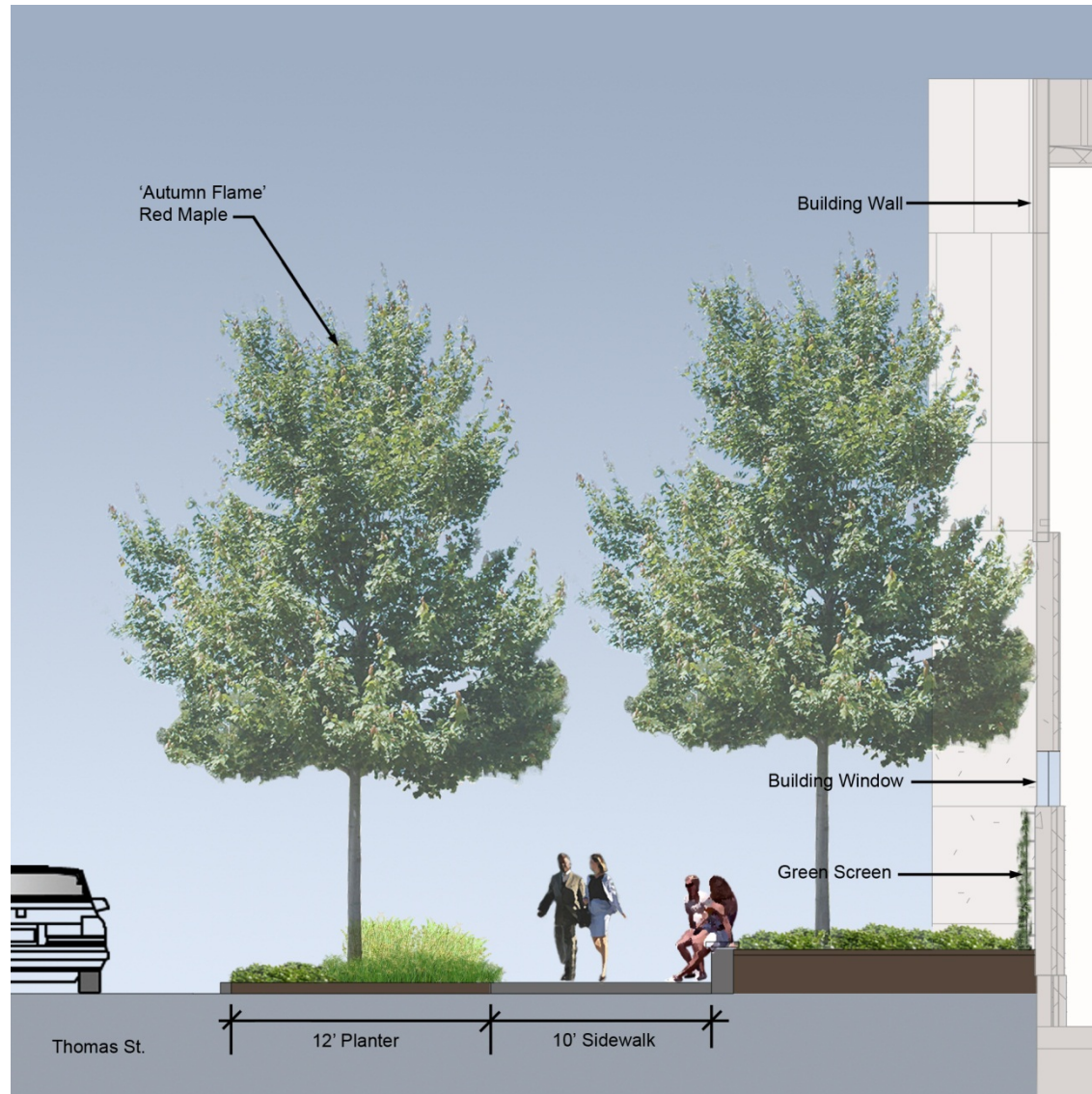
HARRISON ST





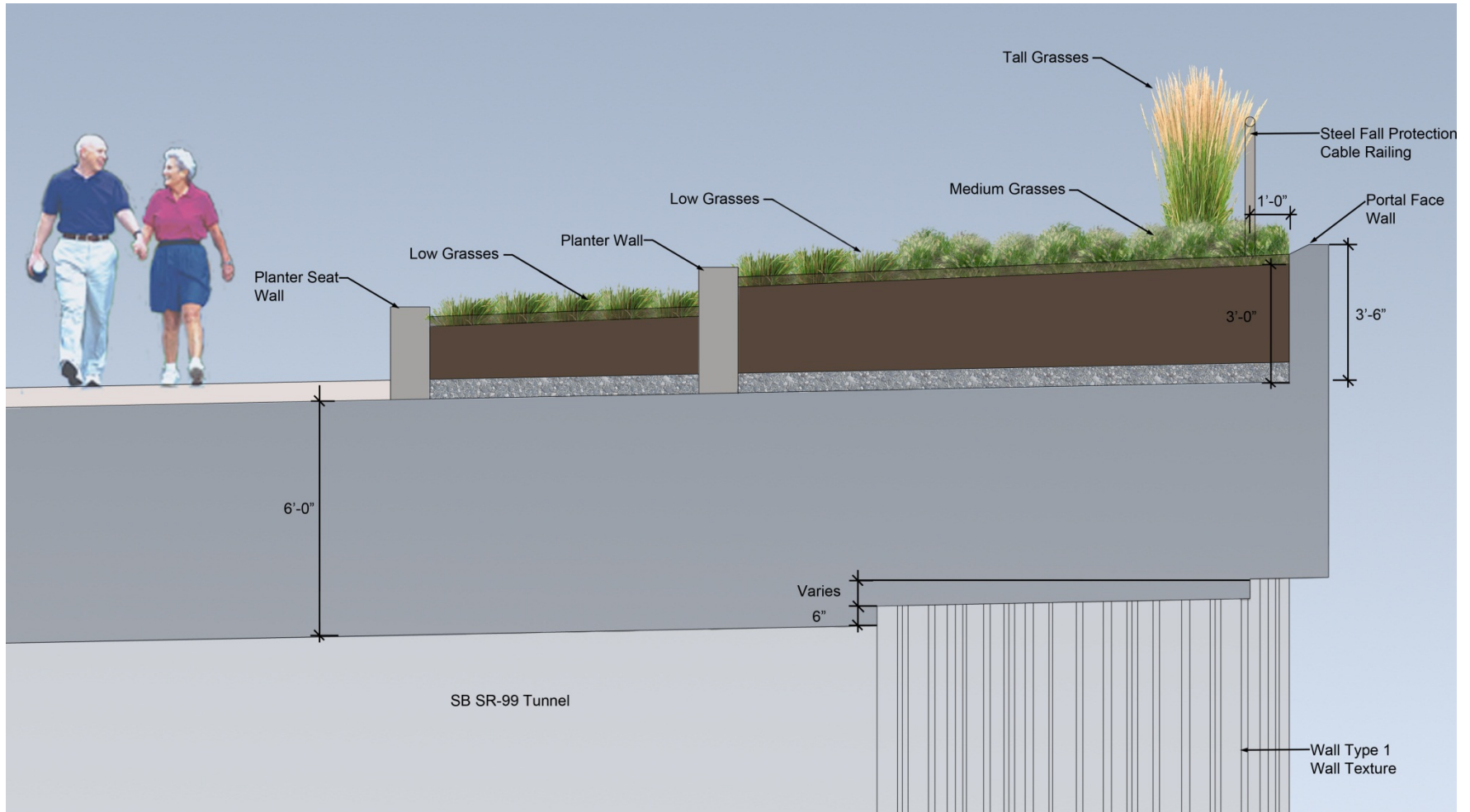
THOMAS STREET AND PARKING LOT PLANT PALLETTE



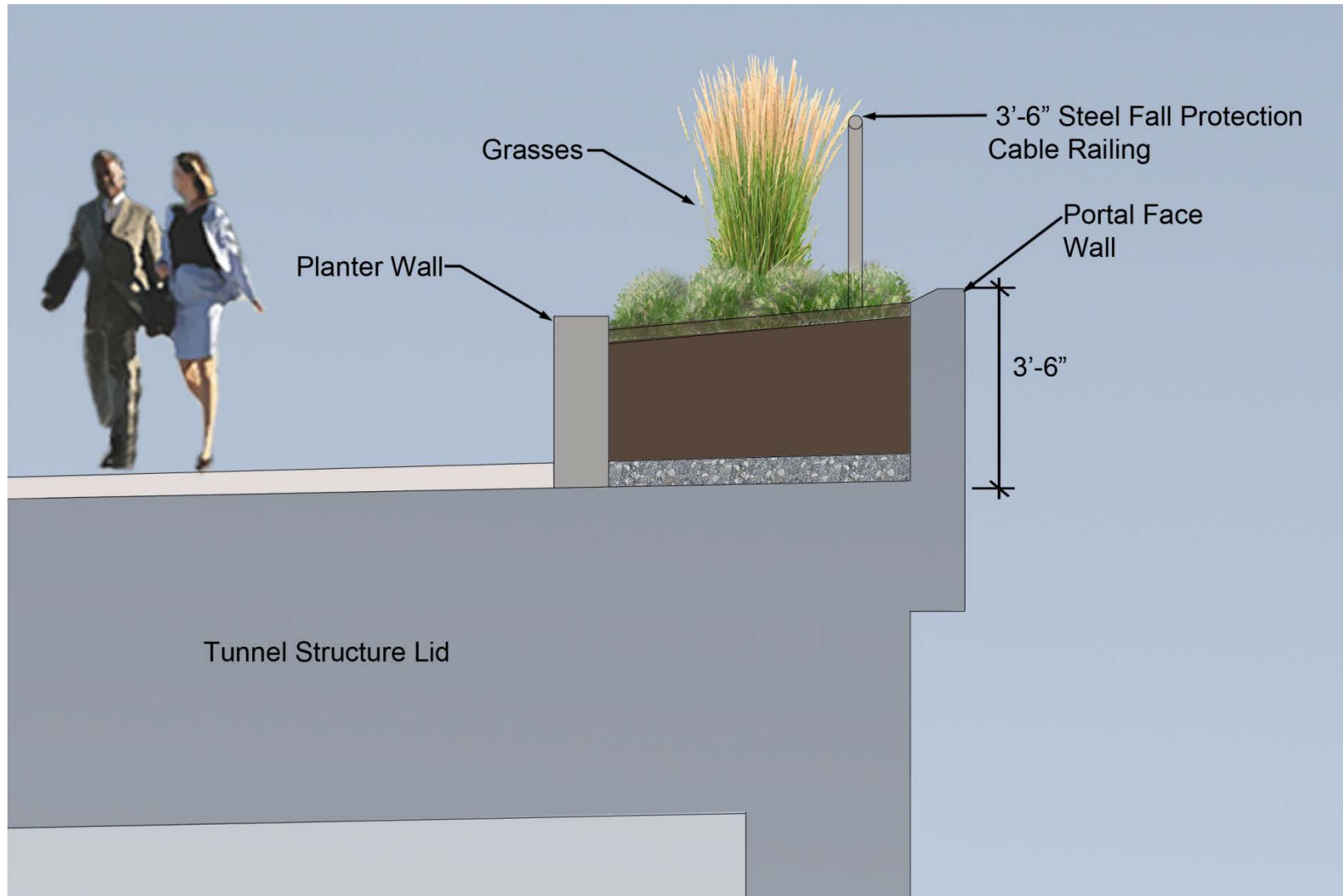




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SECTION THROUGH PLAZA, HARRISON AND PORTAL WALL

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