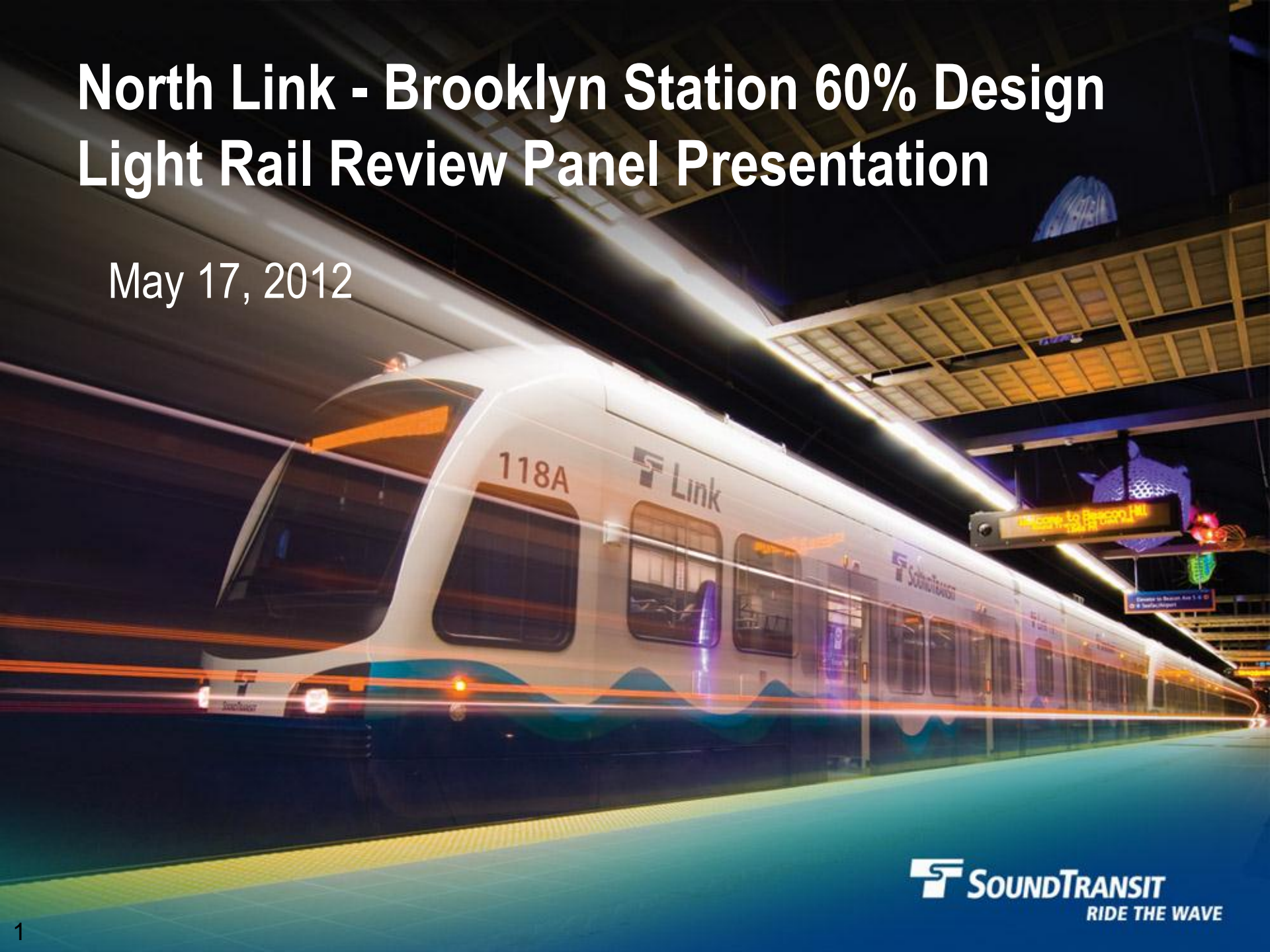


# North Link - Brooklyn Station 60% Design Light Rail Review Panel Presentation

May 17, 2012



# North Link (University District to Northgate)

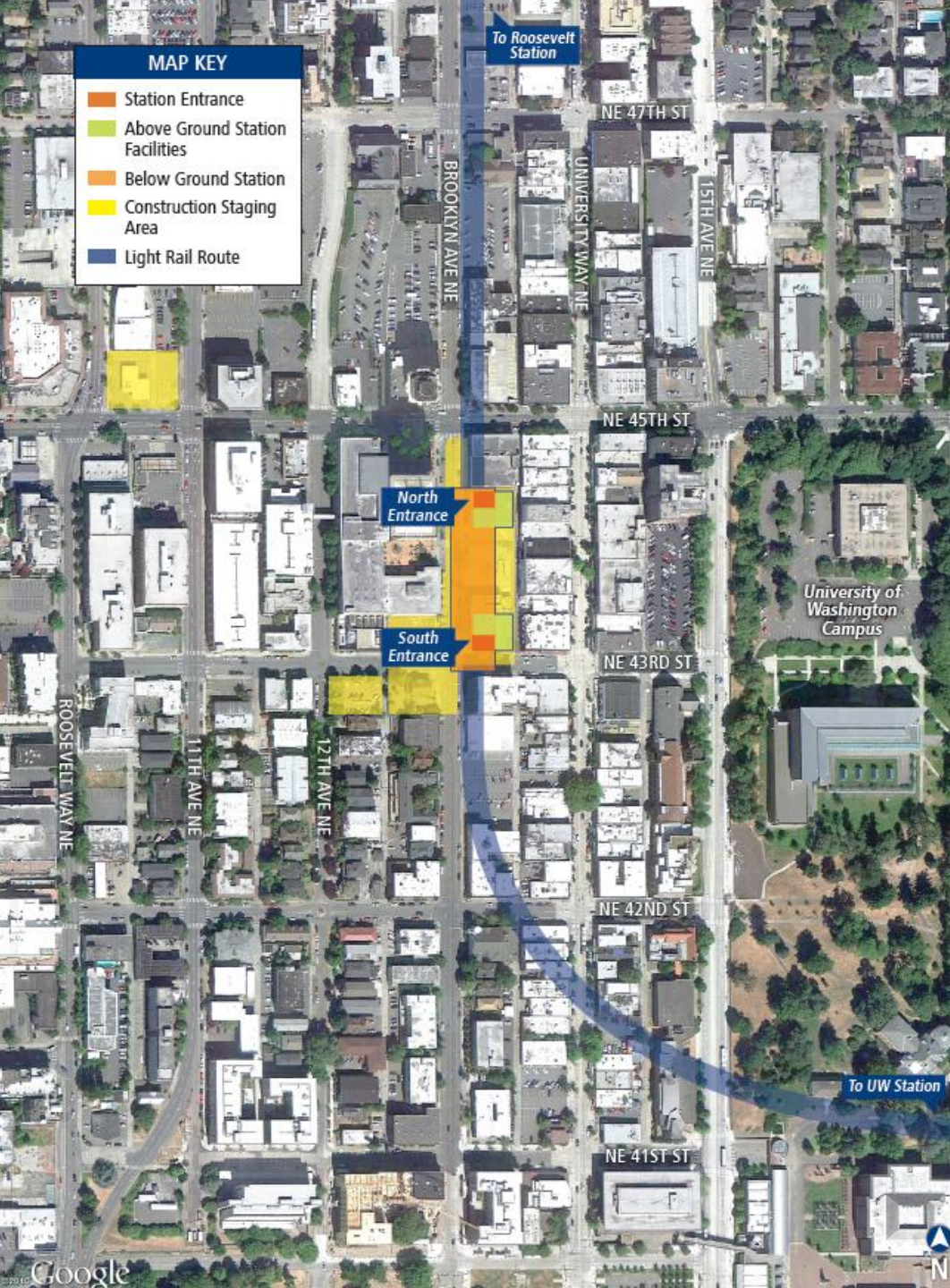
- 4.3-mile light rail extension
- Stations at U-District (Brooklyn), Roosevelt and Northgate
- Completion: 2021
- 62,000 daily boardings added to system by 2030



# Brooklyn Station

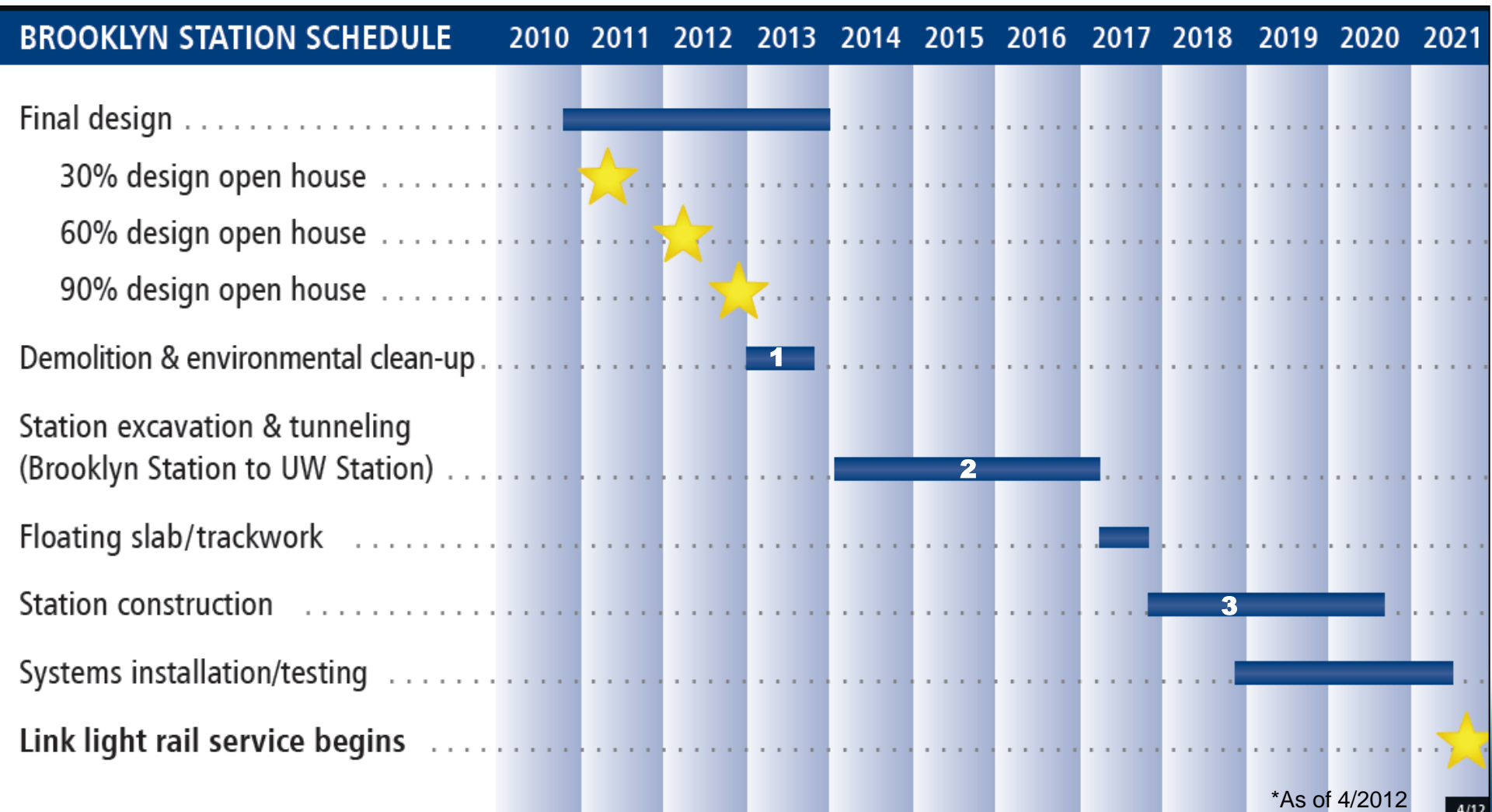
## Key Features:

- Station platform, 75-85 ft. underground
  - Elevators, escalators and stairs
  - Bicycle parking
  - 12,000 daily boardings (2030)
- Constrained construction site
- Staging use of Brooklyn Avenue and NE 43<sup>rd</sup> followed by restoration to City Green Street principles
- Designed to accommodate future building above station
- LRRP reviewed 30% design on June 2nd



# Brooklyn Station Schedule

DRAFT



\*As of 4/2012

# ST Sustainability

- Design

- Sustainability checklist tailored to transit
- Standard materials and lighting fixtures
- Native and adaptive plants and low water irrigation
- Use recycled materials, concrete, steel, glass
- Maximize daylight & Advanced lighting controls
- Low Impact Drainage
- Total cost of ownership evaluation:
  - LED lighting
  - Photovoltaics
  - Rainwater harvesting
  - Permeable pavement



# ST Sustainability

## Construction

- Salvage materials, recycling, house moving prior to demolition
- Demolition and waste management requirements

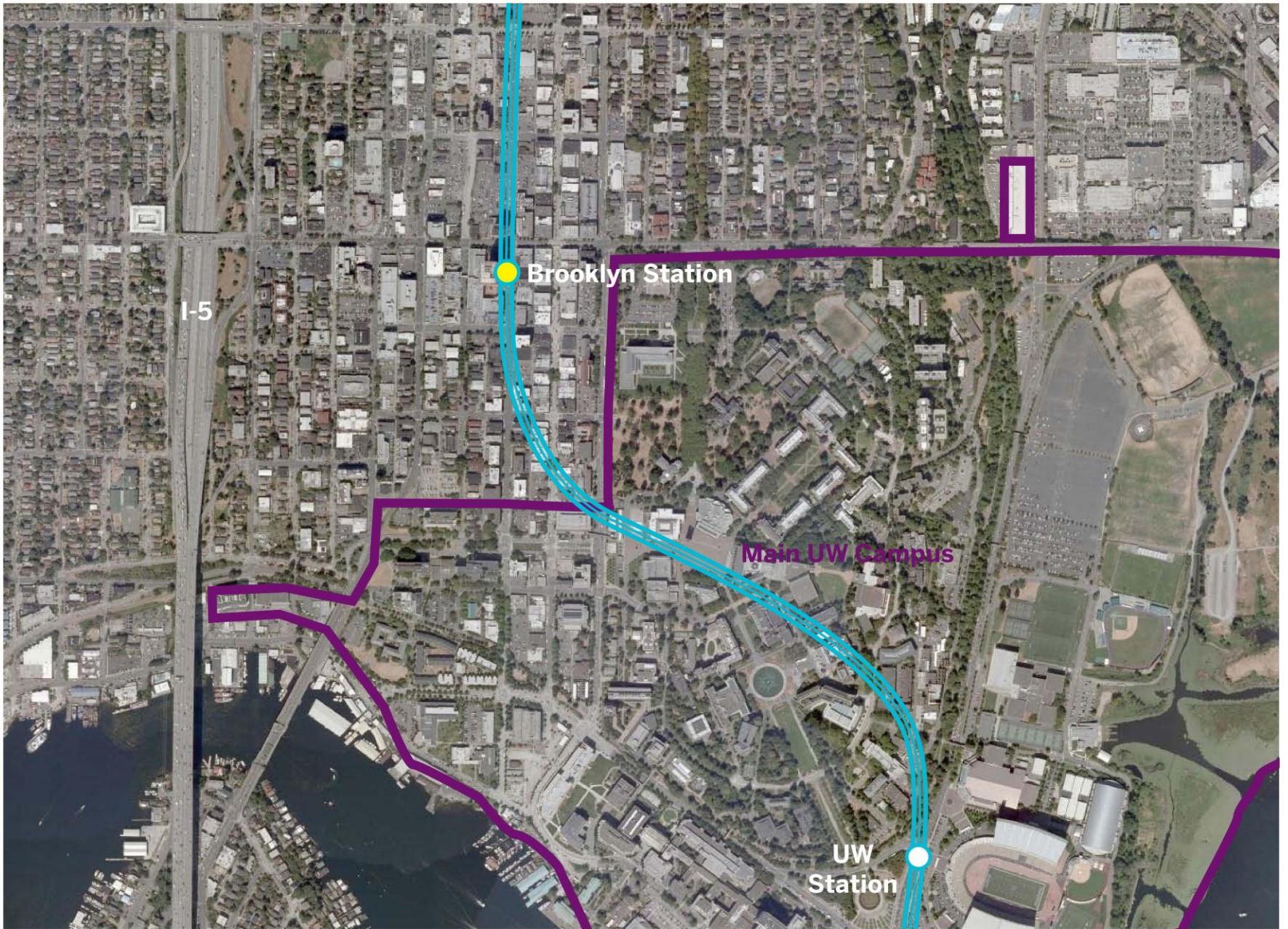


# ST Sustainability

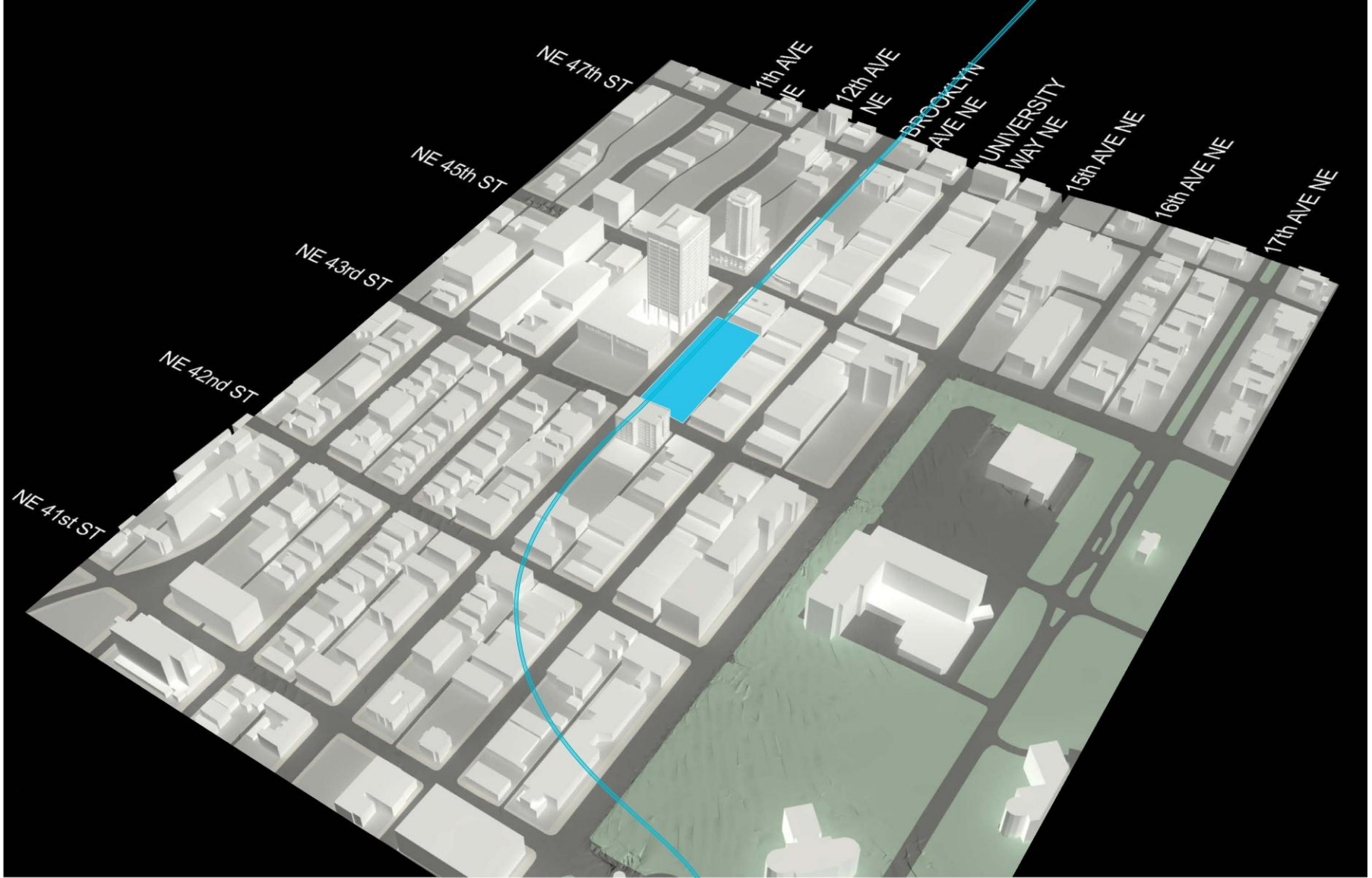
## Construction, continued

- Contractor incentives
  - No idle zones
  - Scrubbers on equipment
  - Electric or biodiesel equipment
  - Employee transit passes & carpooling
  - Employee storage & laundry on site
  - Construction debris recycling & oil recycling
- Build it right the first time



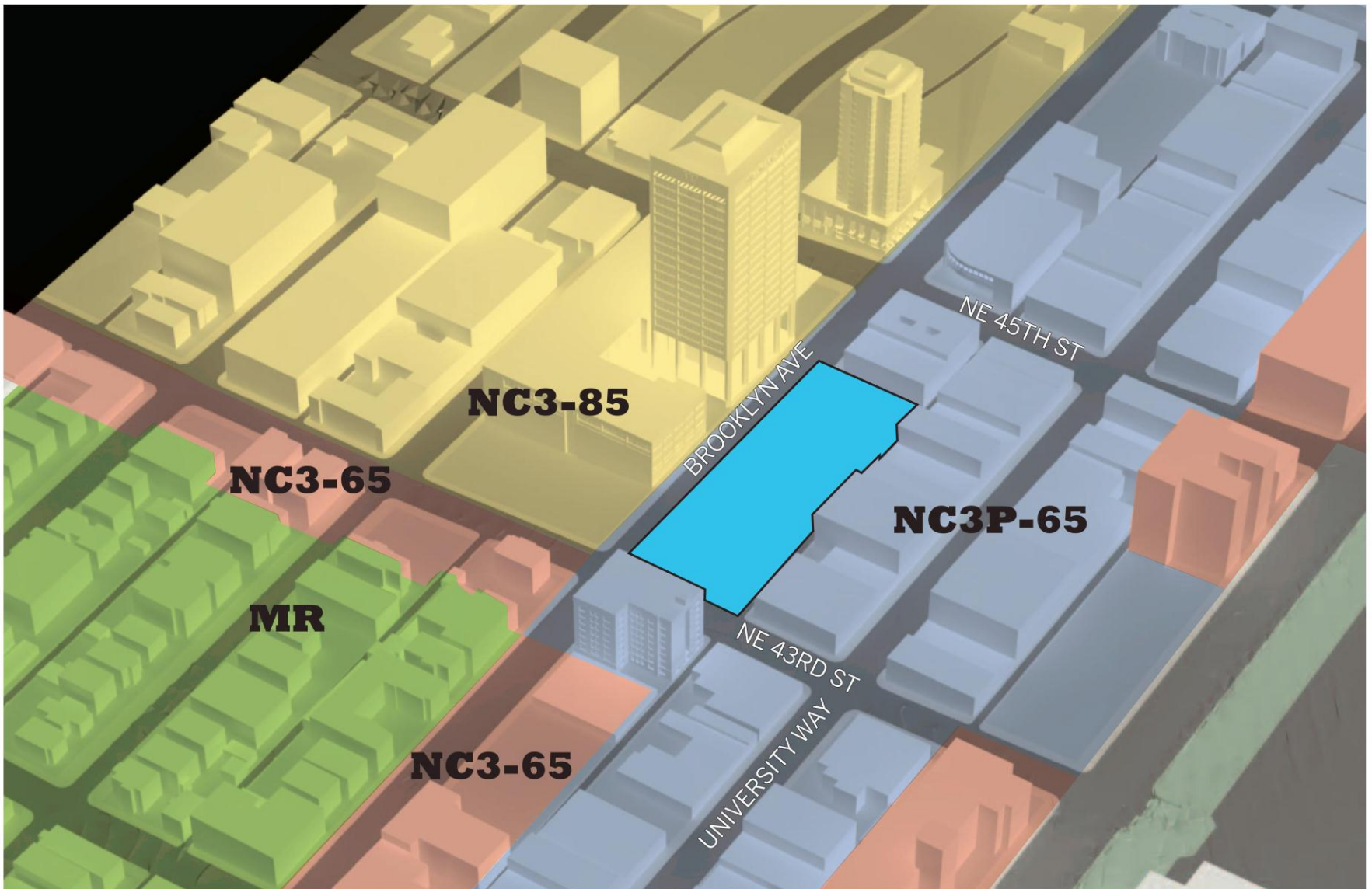








- UW BUILDINGS
- RESIDENTIAL
- RETAIL/COMMERCIAL
- RELIGIOUS
- PROJECT SITE



NC3-85 :  
NEIGHBORHOOD COMMERCIAL 3  
85'-0" HEIGHT LIMIT

NC3-65:  
NEIGHBORHOOD COMMERCIAL 3  
65'-0" HEIGHT LIMIT

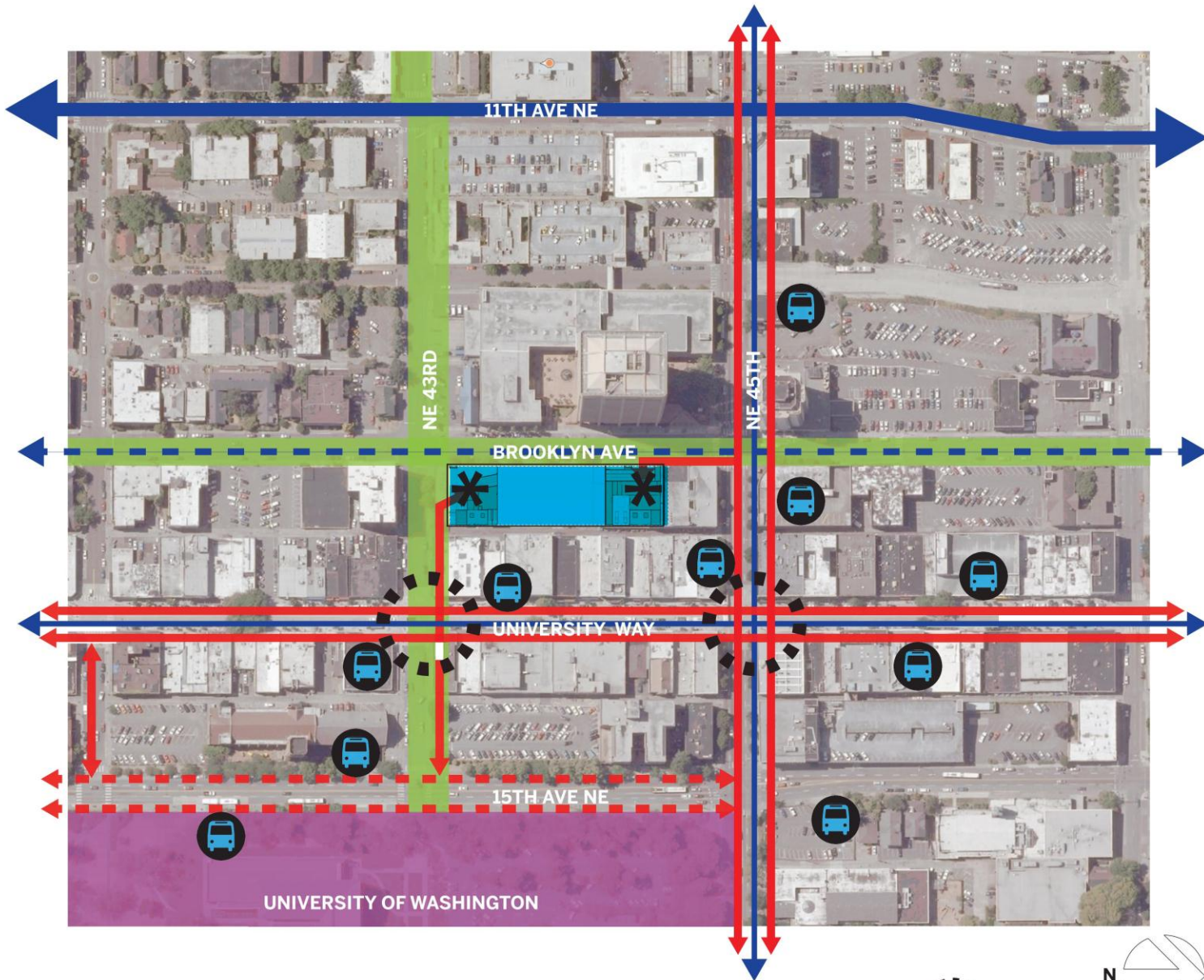
NC3P-65:  
NEIGHBORHOOD COMMERCIAL 3  
PEDESTRIAN ORIENTED  
65'-0" HEIGHT LIMIT

MR:  
NEIGHBORHOOD COMMERCIAL 3  
60'-0" HEIGHT LIMIT



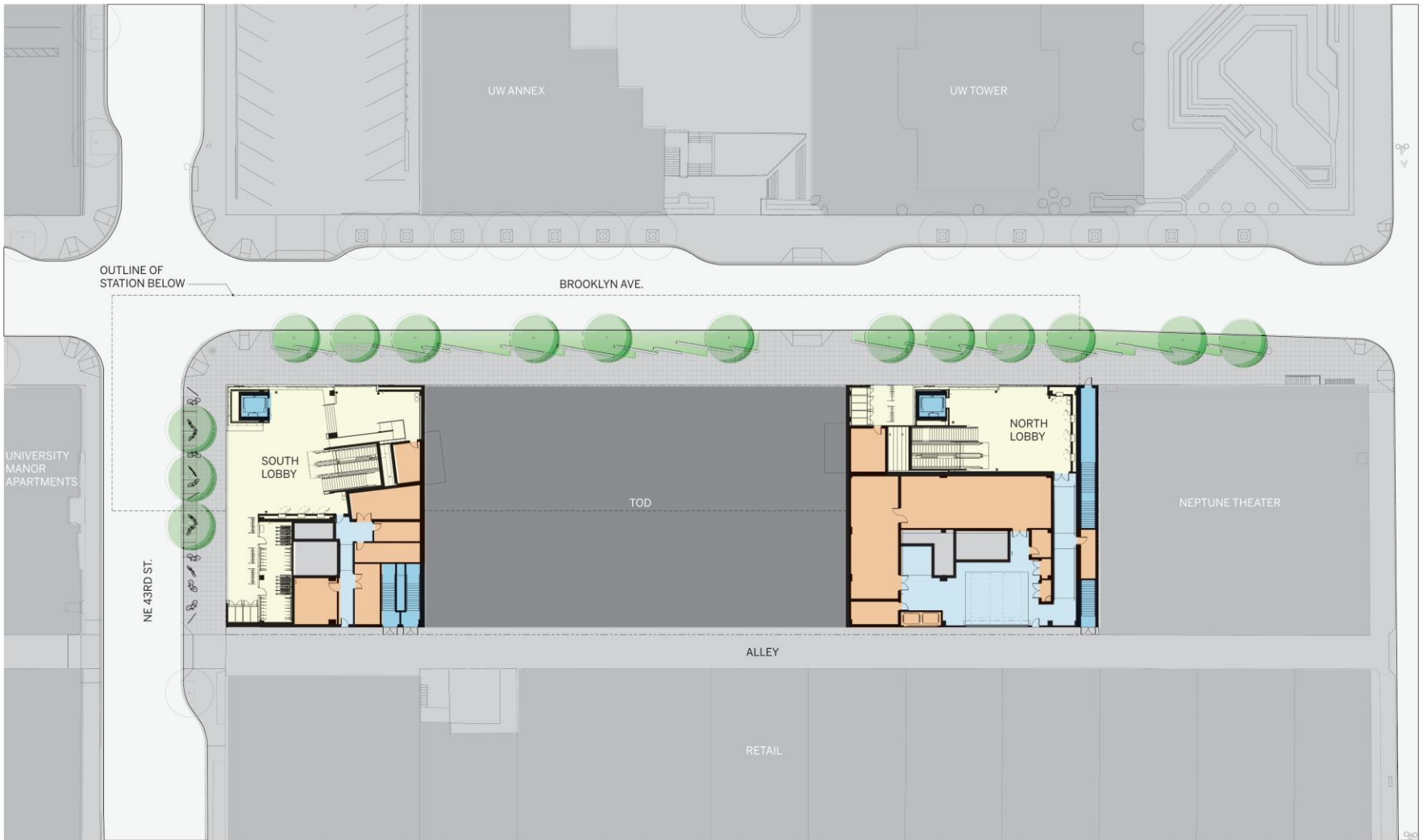




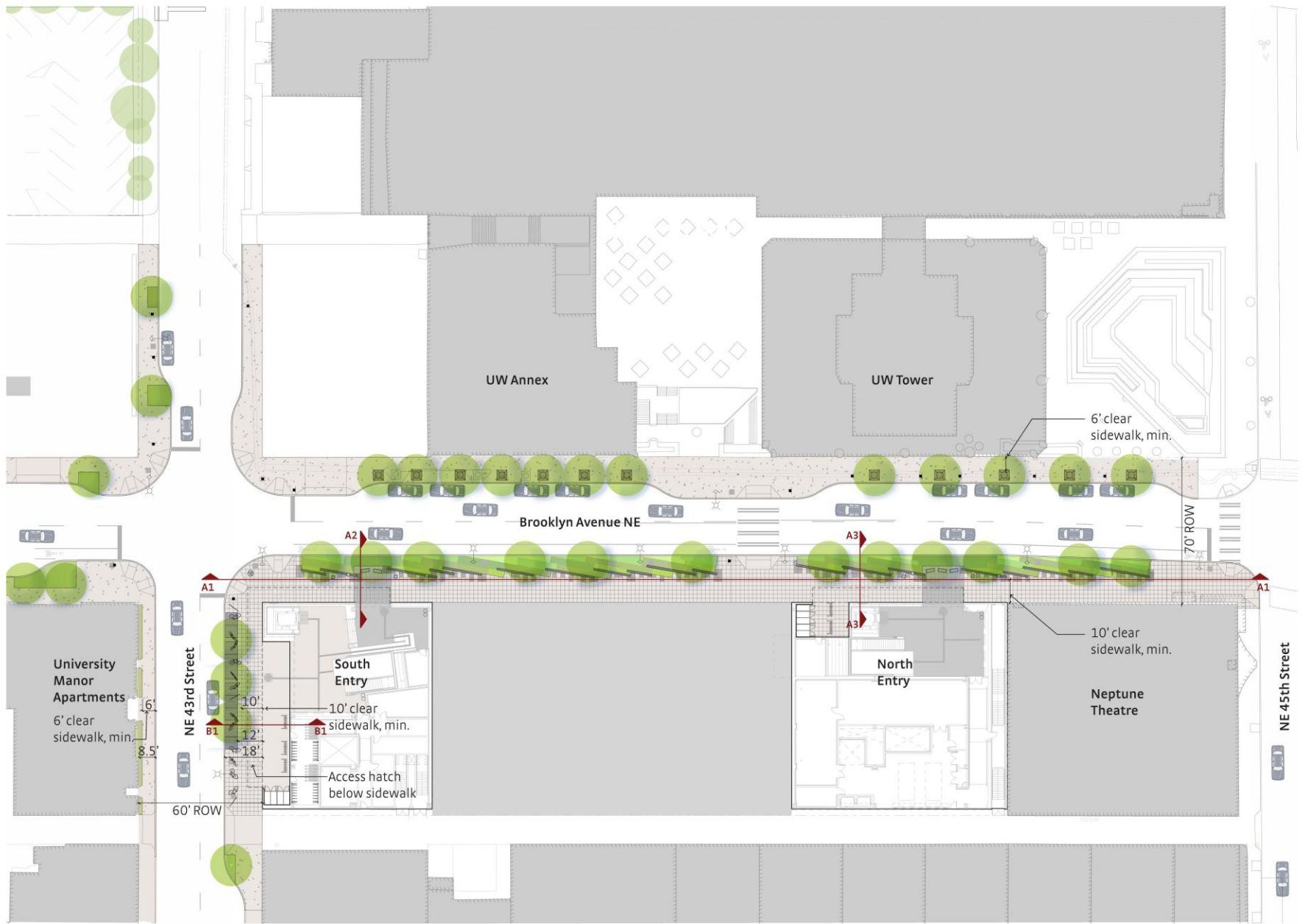


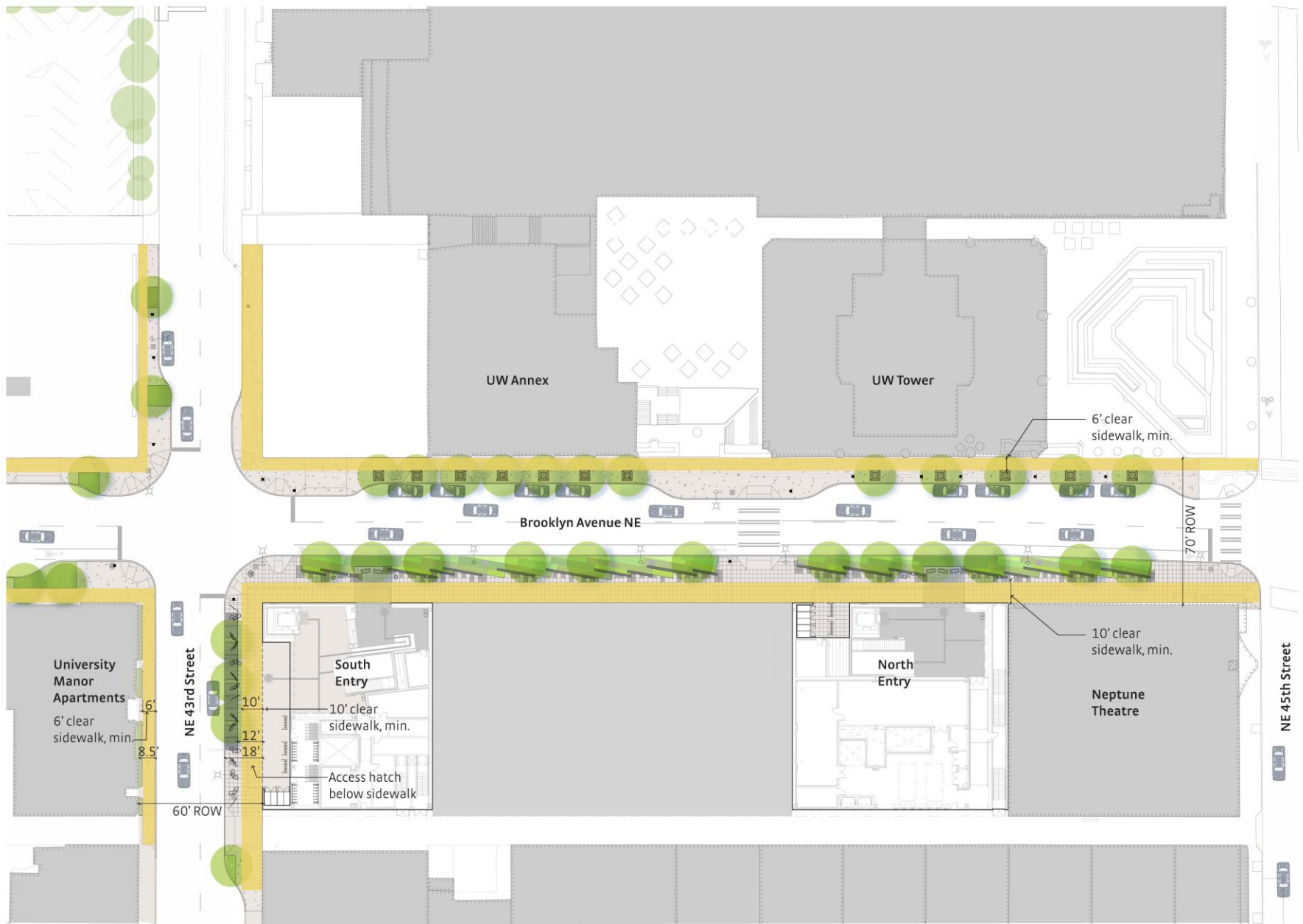
-   
 PLANNED GREEN STREET
-   
 BUS STOPS
-   
 PRIMARY PEDESTRIAN ROUTE
-   
 SECONDARY PEDESTRIAN ROUTE
-   
 BIKE SHARROW
-   
 PLANNED BIKE SHARROW
-   
 DEDICATED BIKE LANES
-   
 UNIVERSITY COMMUNITY GATEWAYS

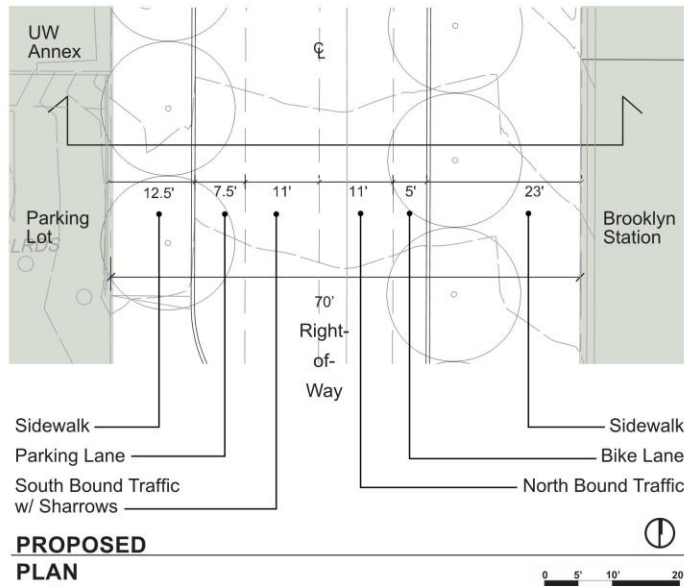
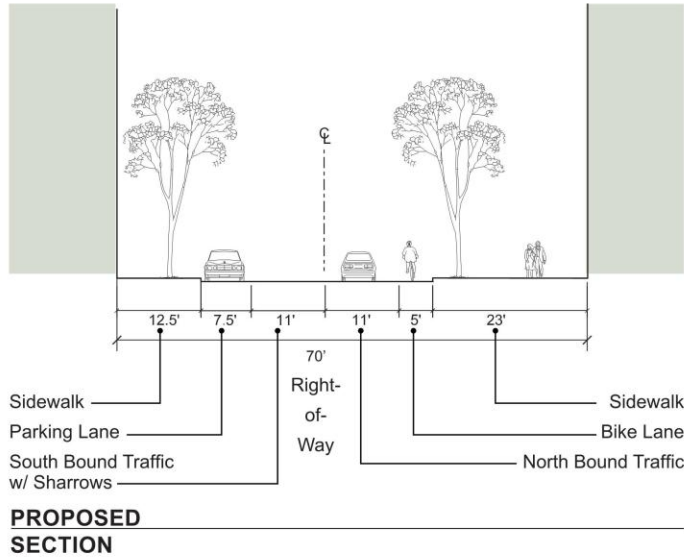


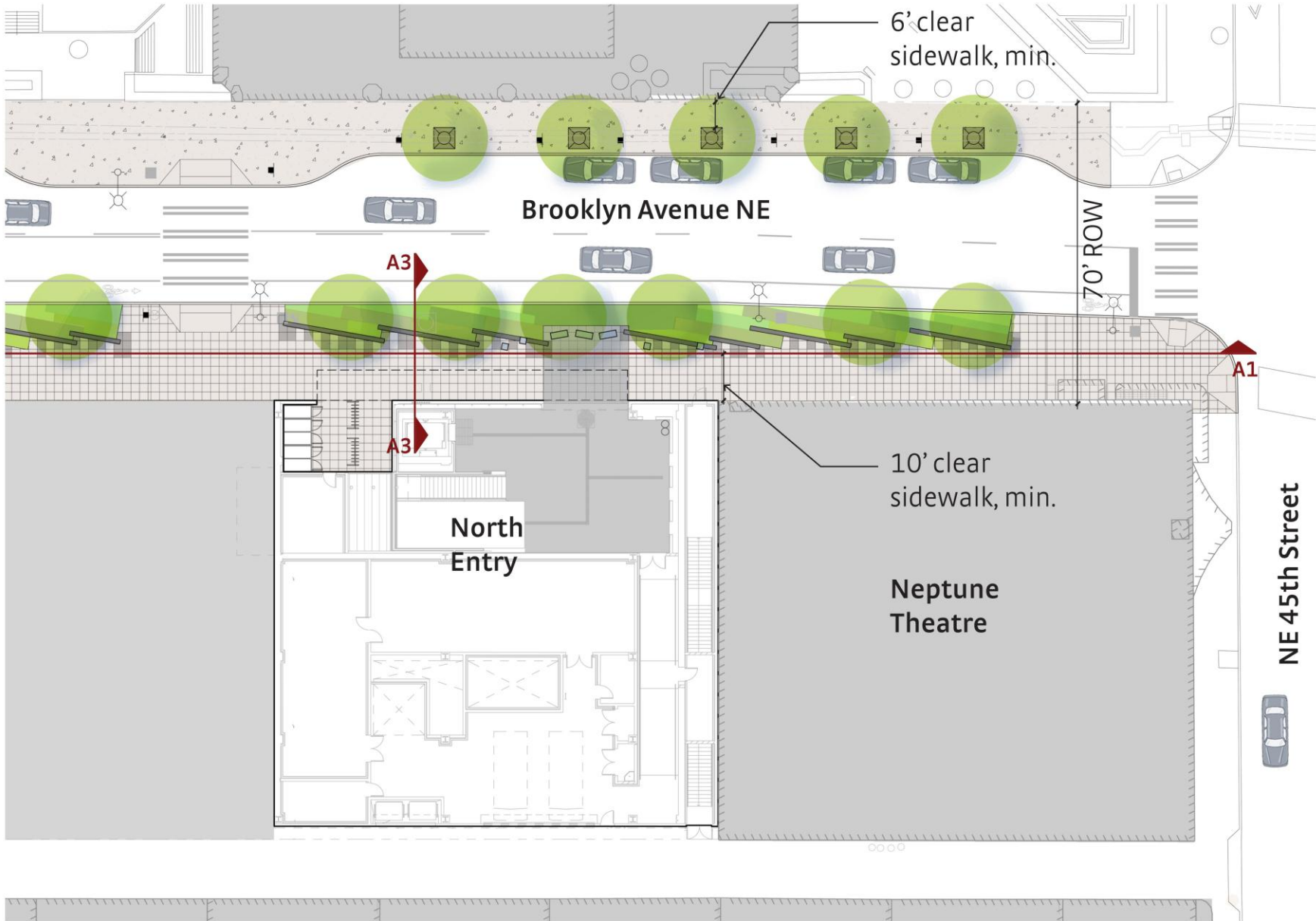














**South Entry Plan**

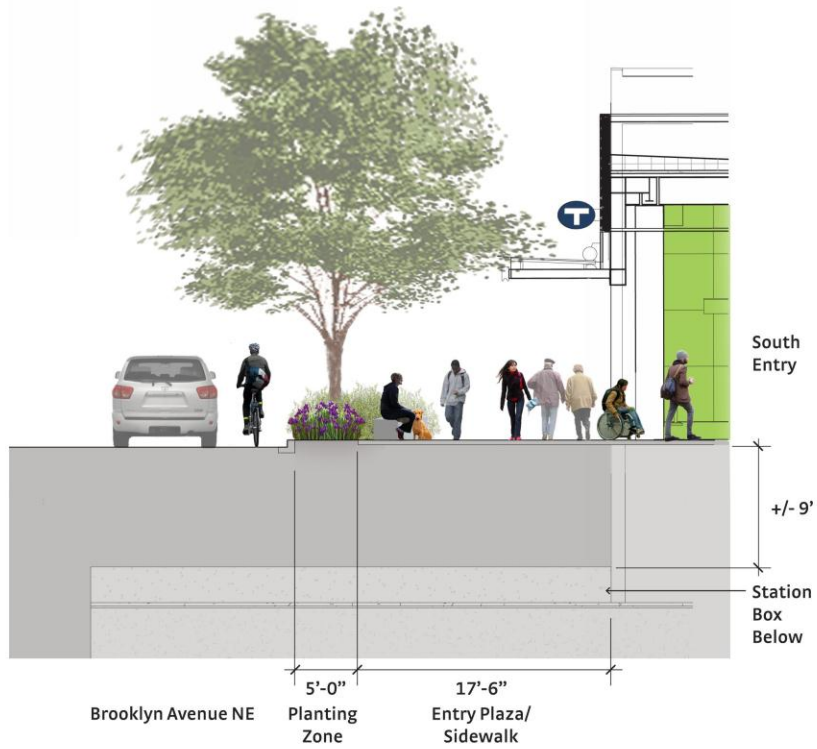


**Enlargement**

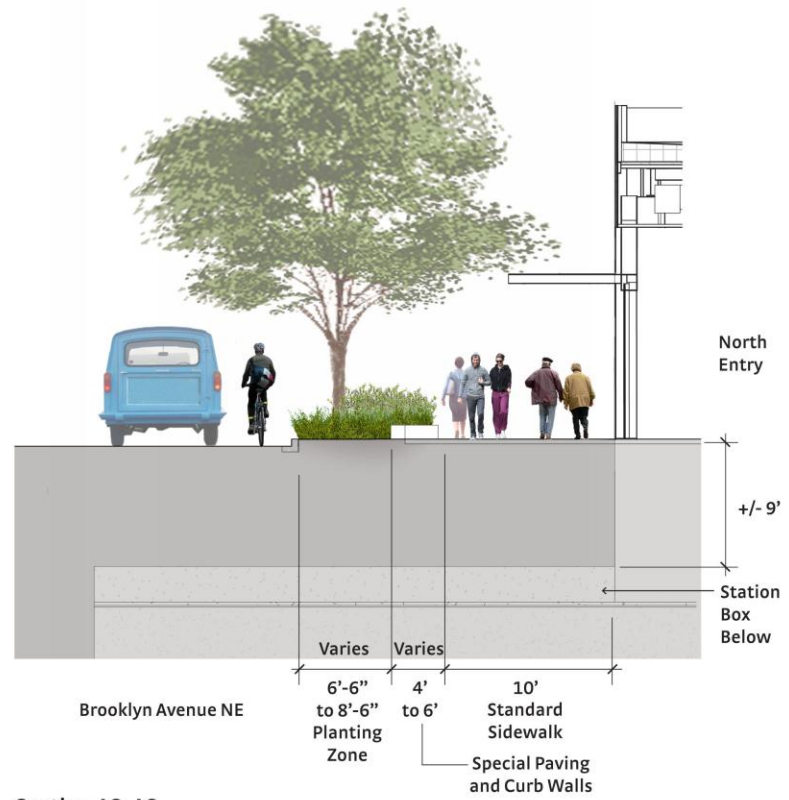


**Section A1-A1**





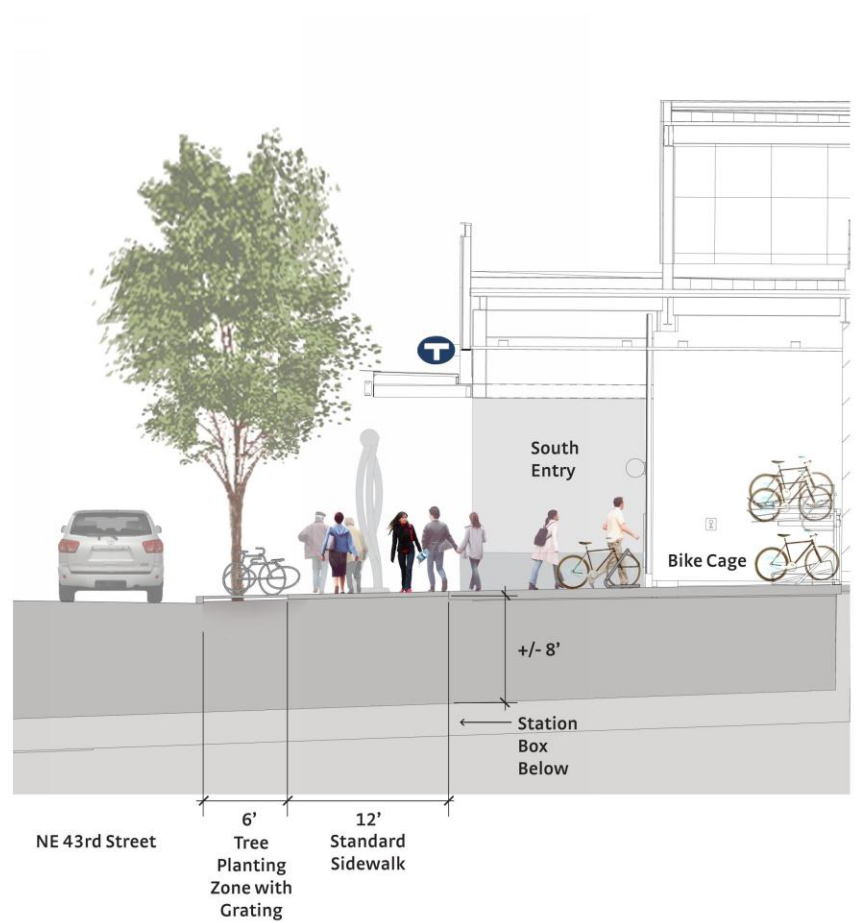
Section A2-A2  
@ South Entry  
Looking North



Section A3-A3  
@ North Entry  
Looking North







Section B1-B1  
 @ South Entry  
 Looking West



6th Between Denny + John

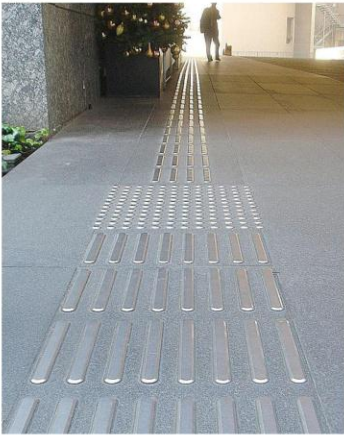


Gates Foundation on 5th



Maynard Avenue South

PAVING



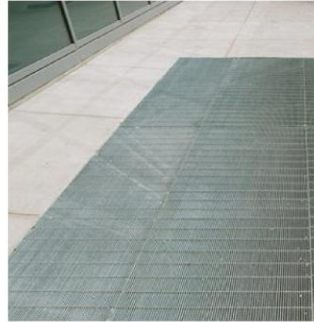
LANDSCAPE CURB WALLS



SEATING



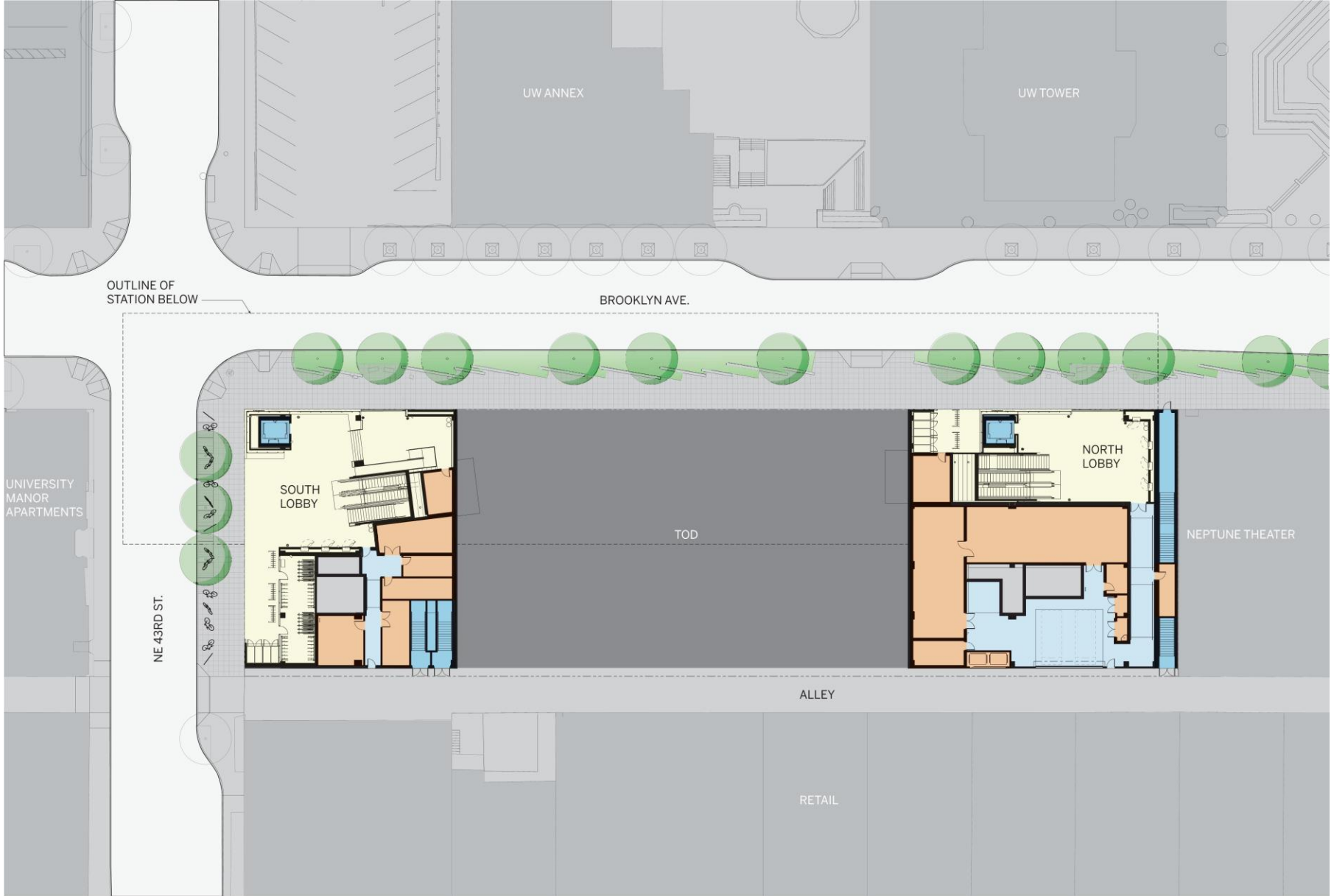
GRATES

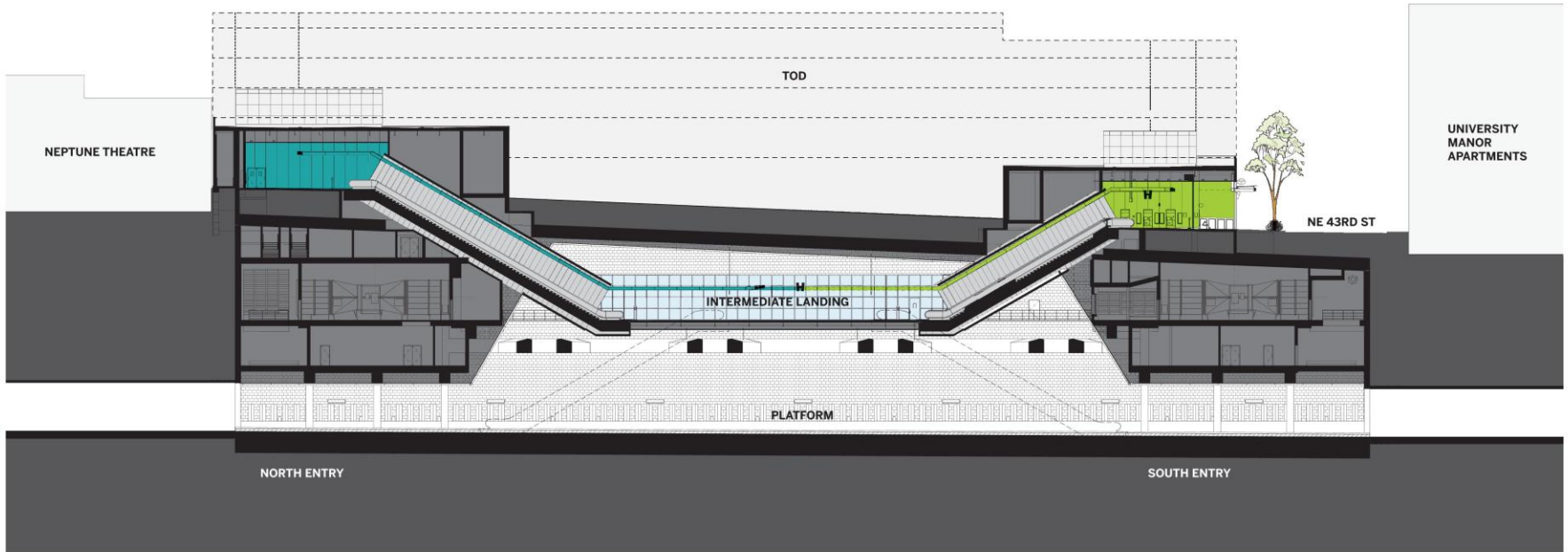


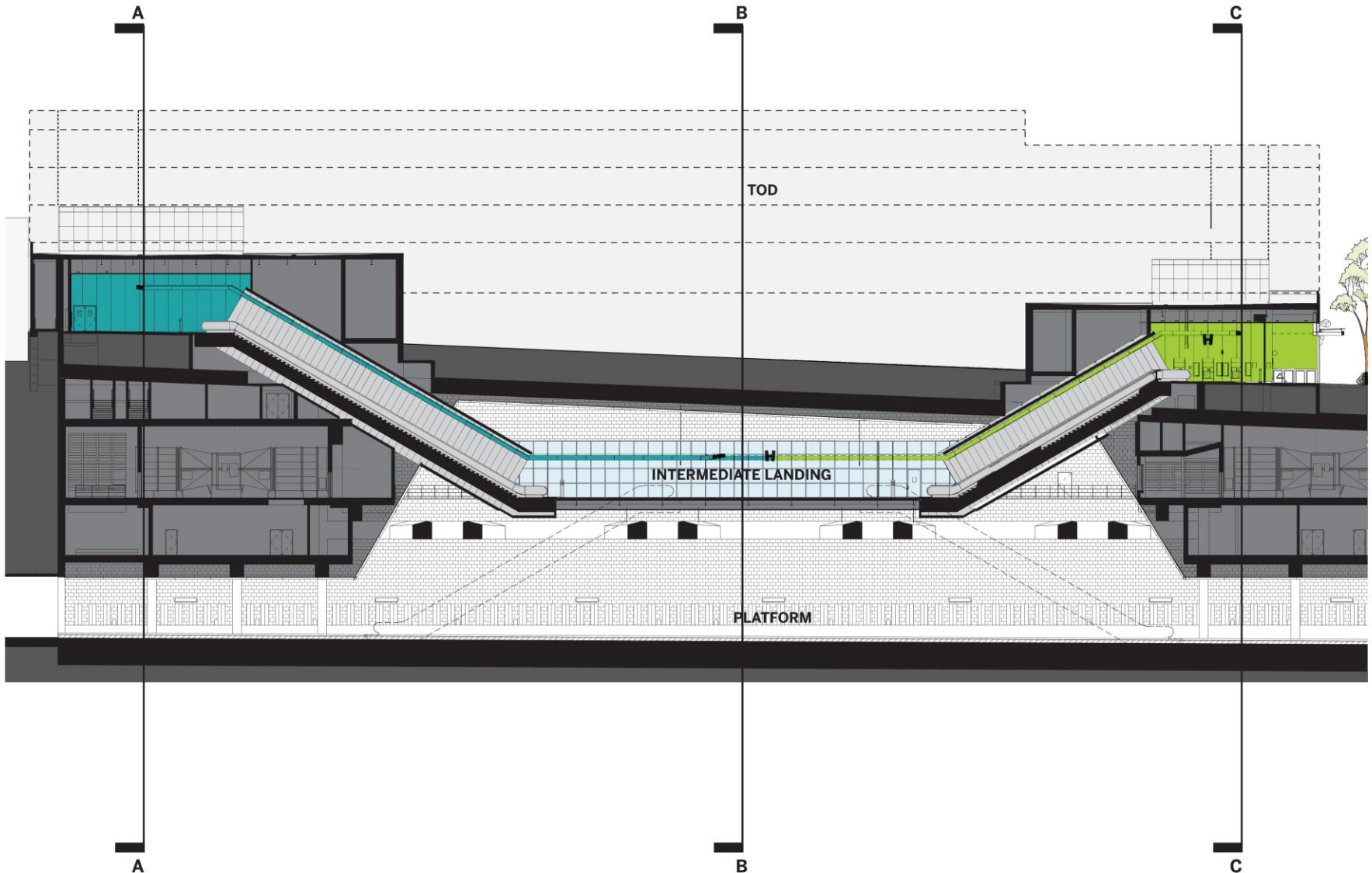
MULTI-PURPOSE



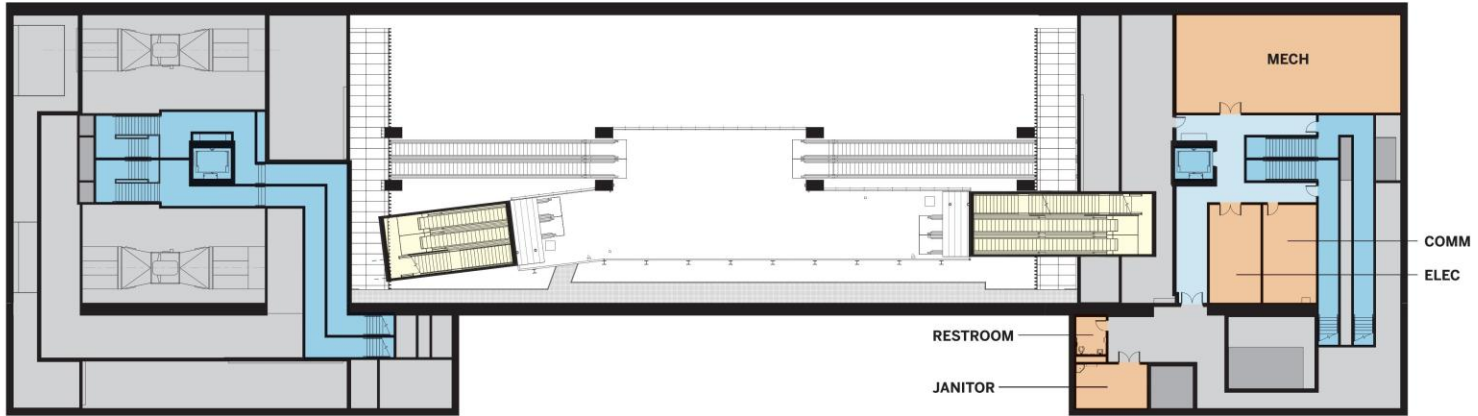




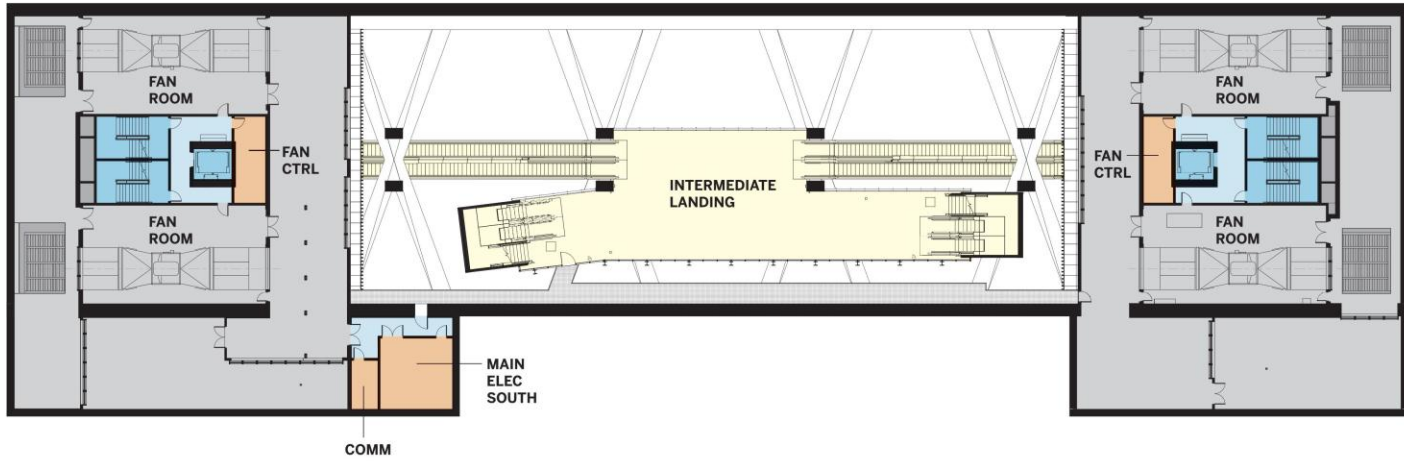


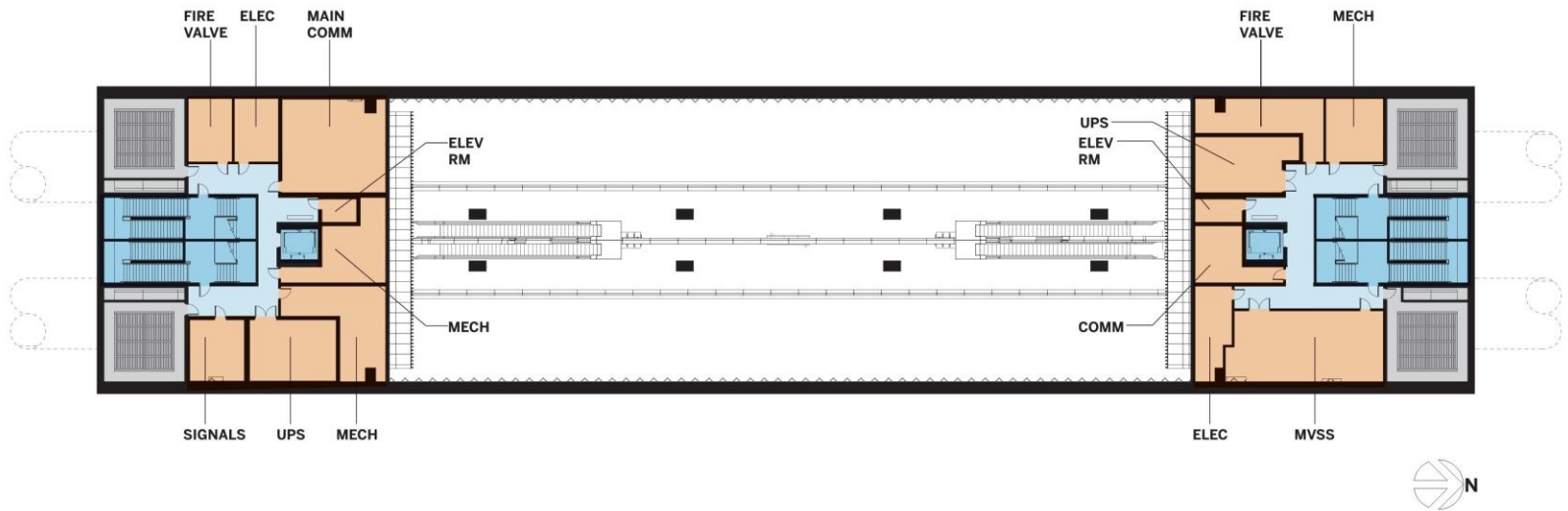


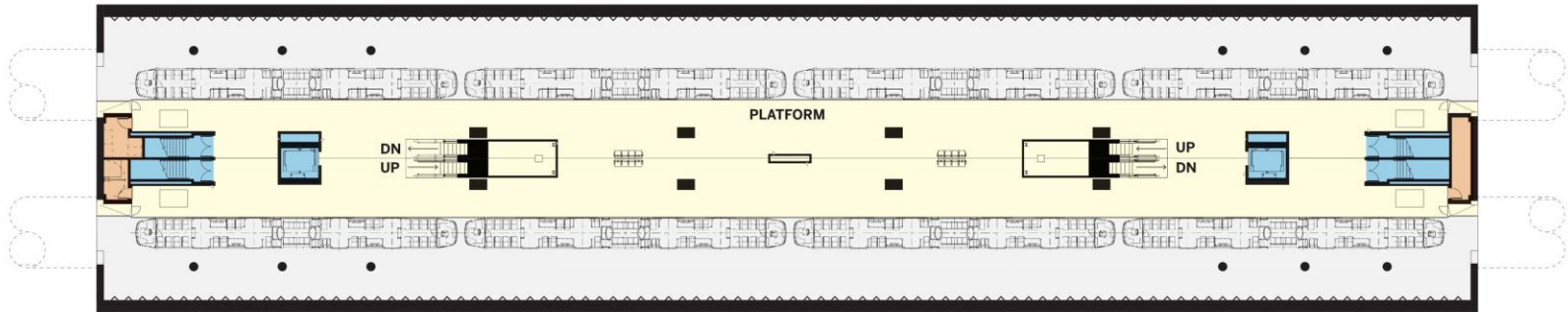
**Longitudinal Section**

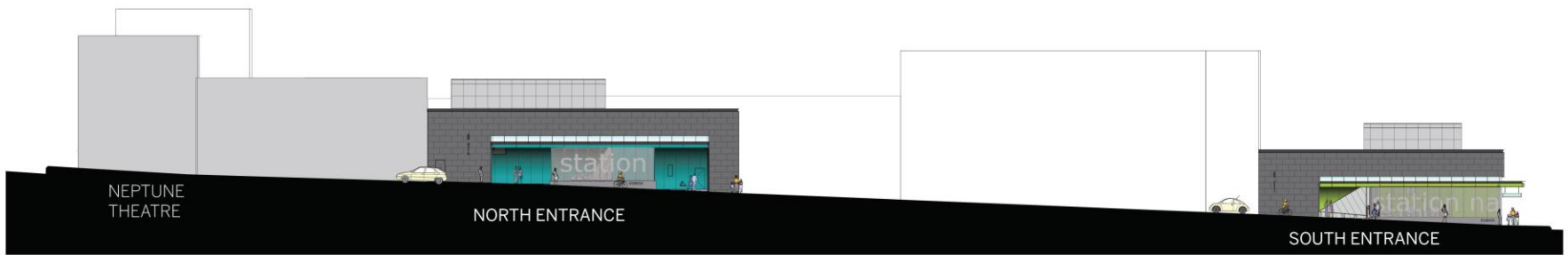












**Without Transit-Oriented Development**



**With Transit-Oriented Development**

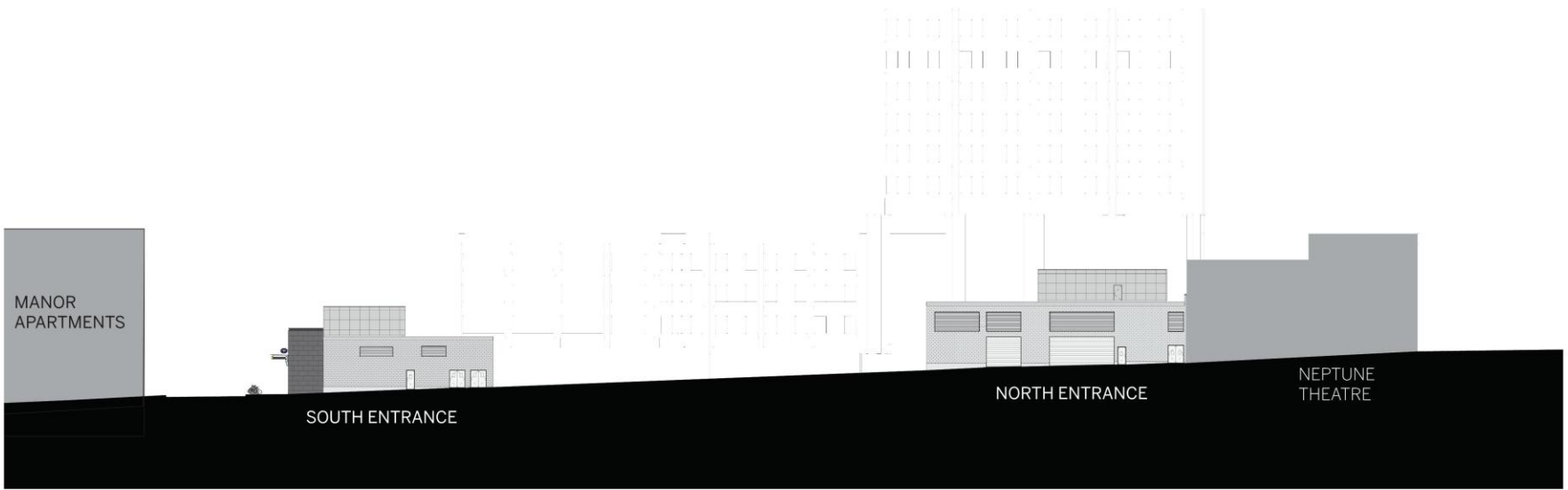


**Without Transit-Oriented Development**

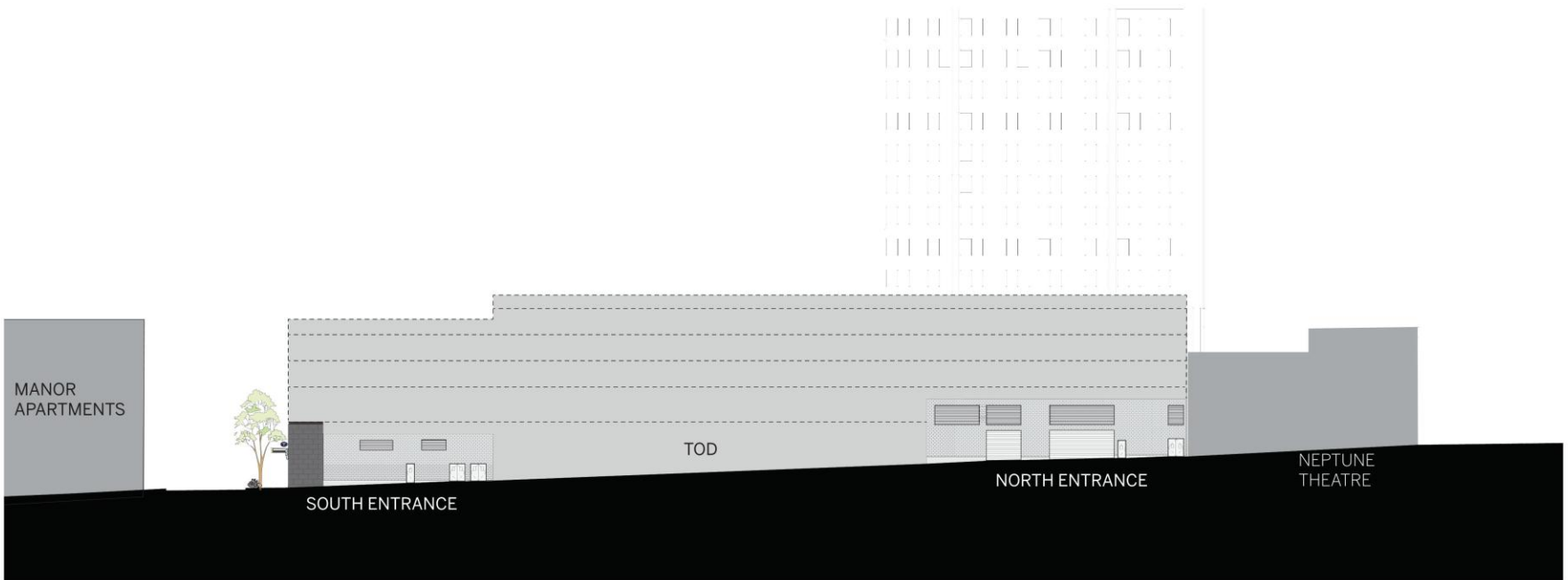


**With Transit-Oriented Development**

**South Elevation**



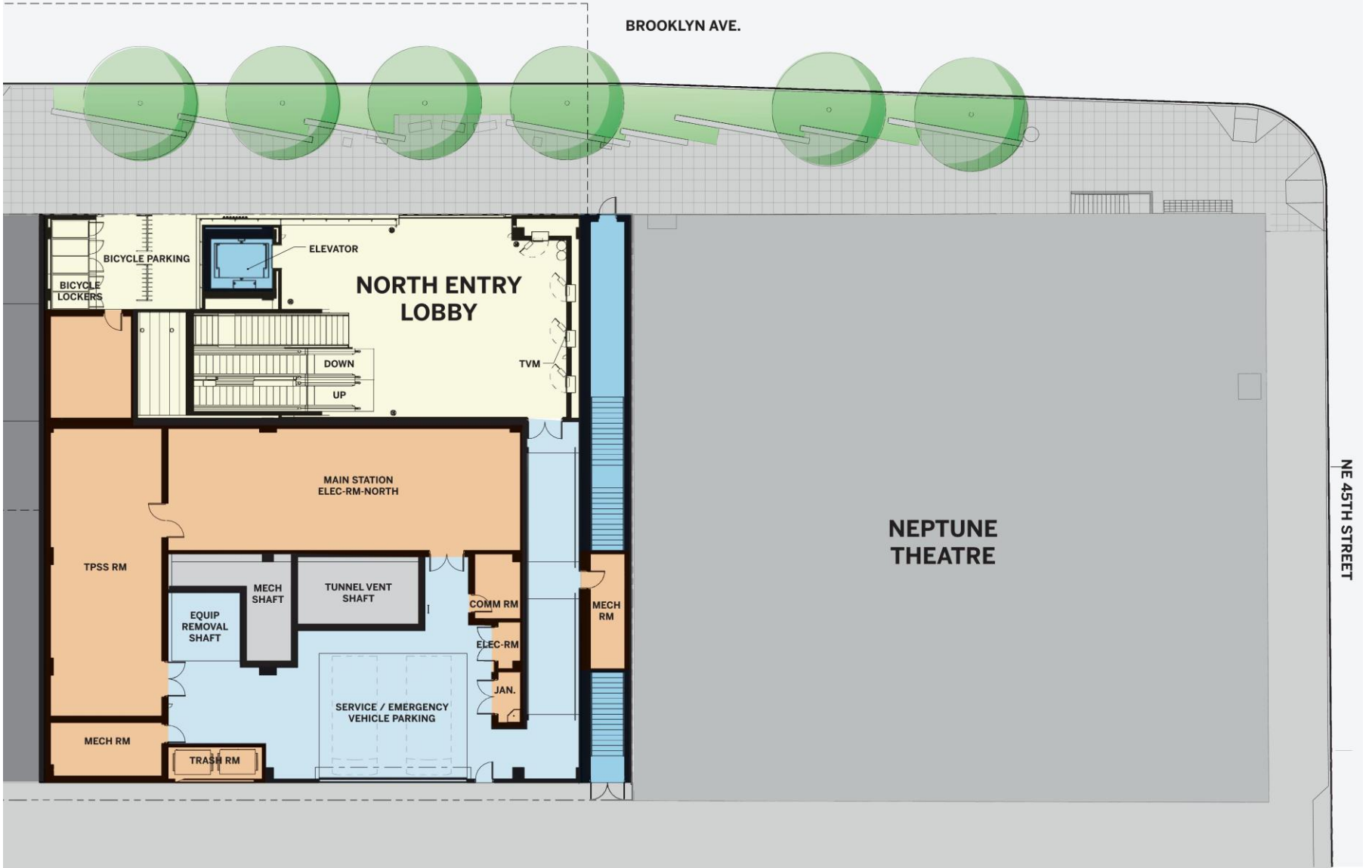
**Without Transit-Oriented Development**



**With Transit-Oriented Development**

BROOKLYN AVE.

NE 45TH STREET

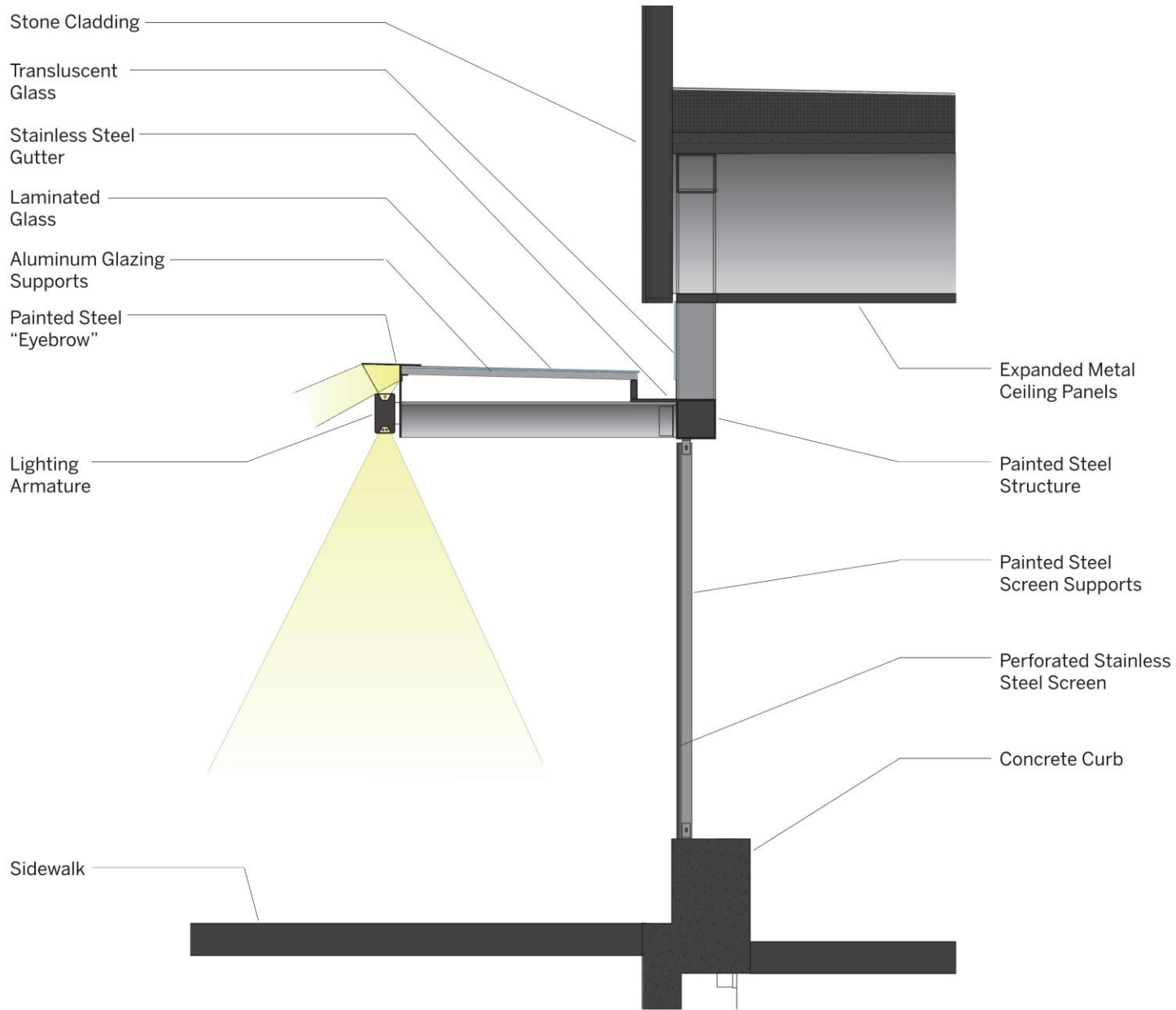






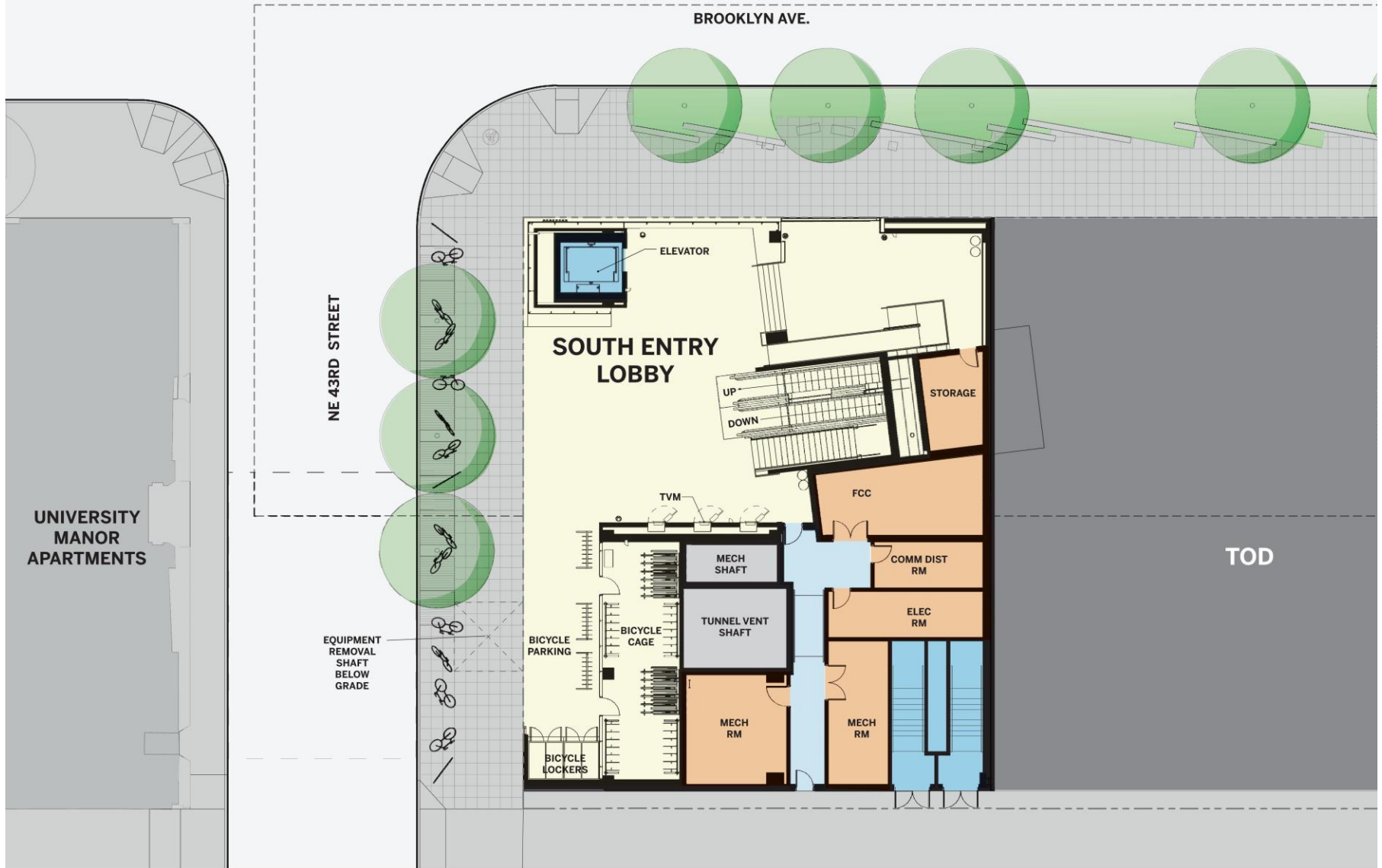






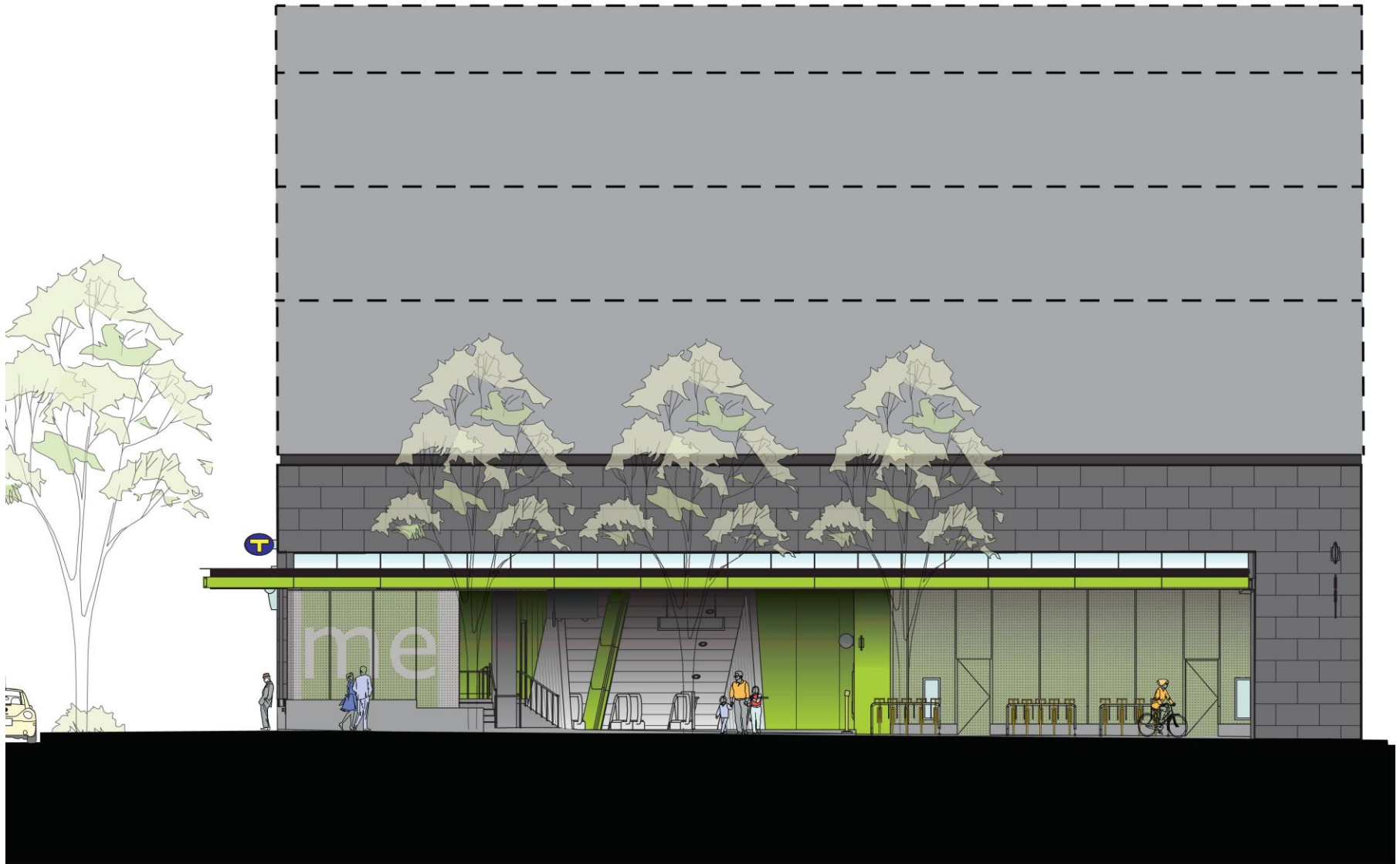
Canopy Section







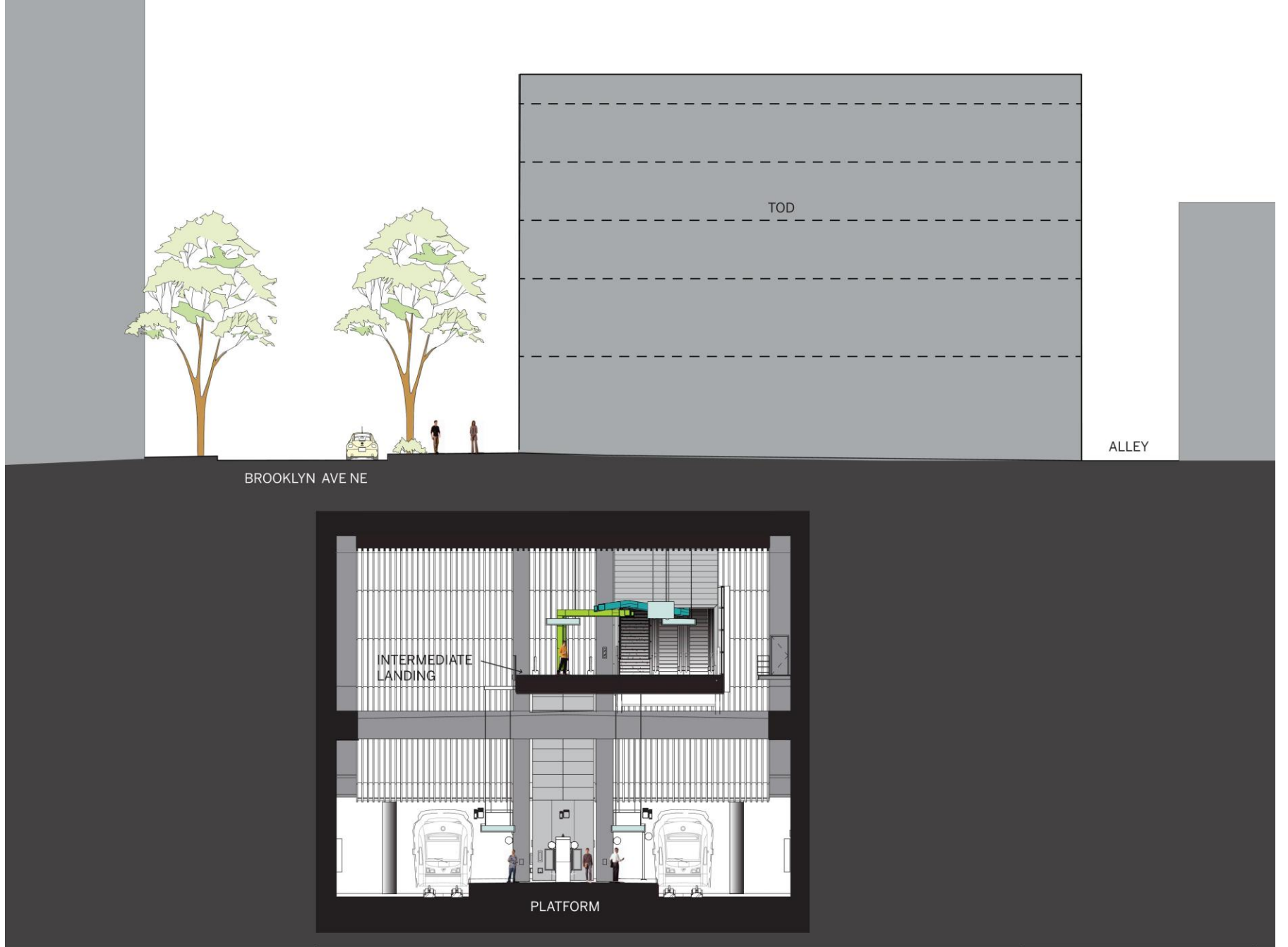




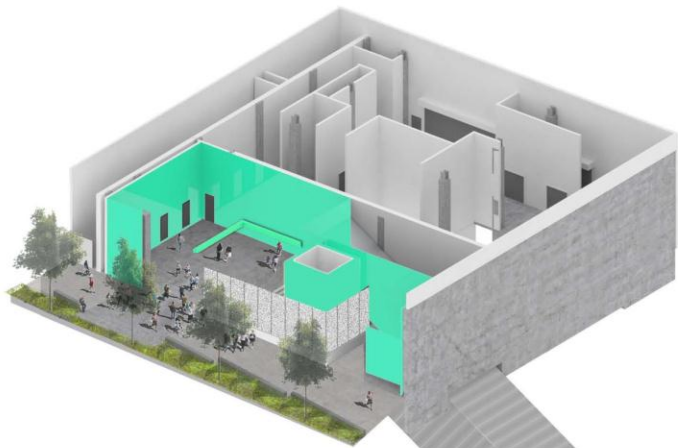




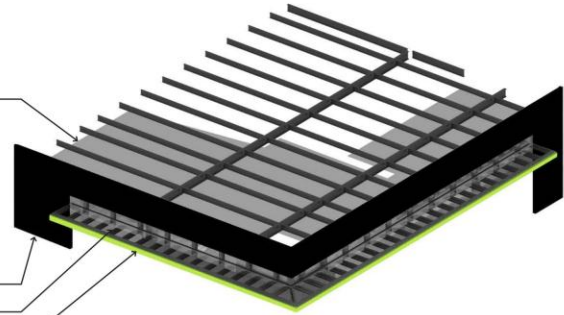








EXPANDED METAL CEILING



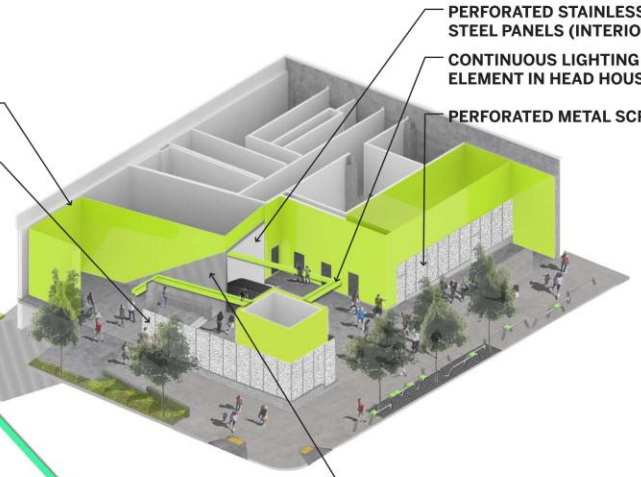
BLACK BASALT

STEEL & GLASS CANOPY

EXTERIOR LIGHTING STRIP

ENAMELED STEEL PANELS

PERFORATED METAL SCREEN



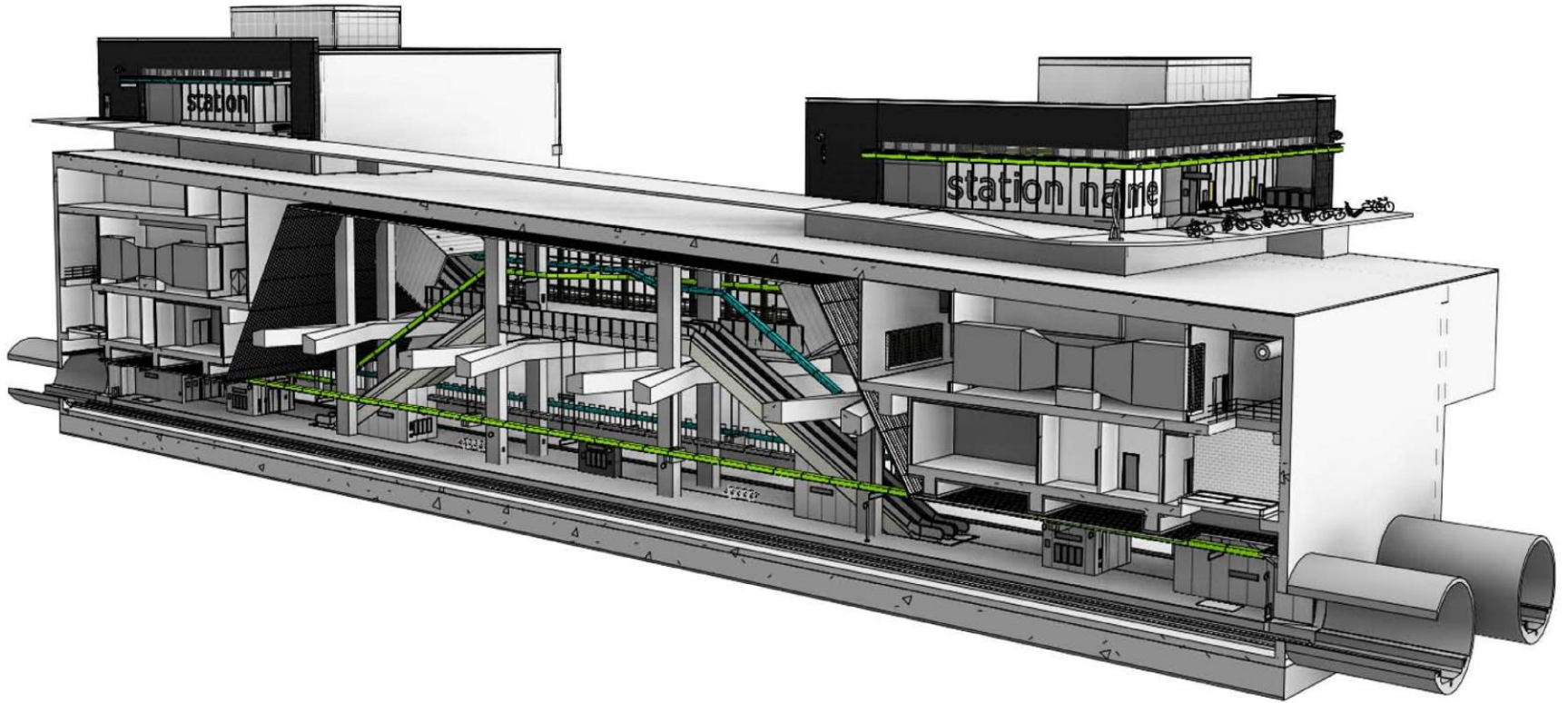
PERFORATED STAINLESS STEEL PANELS (INTERIOR)

CONTINUOUS LIGHTING ELEMENT IN HEAD HOUSE

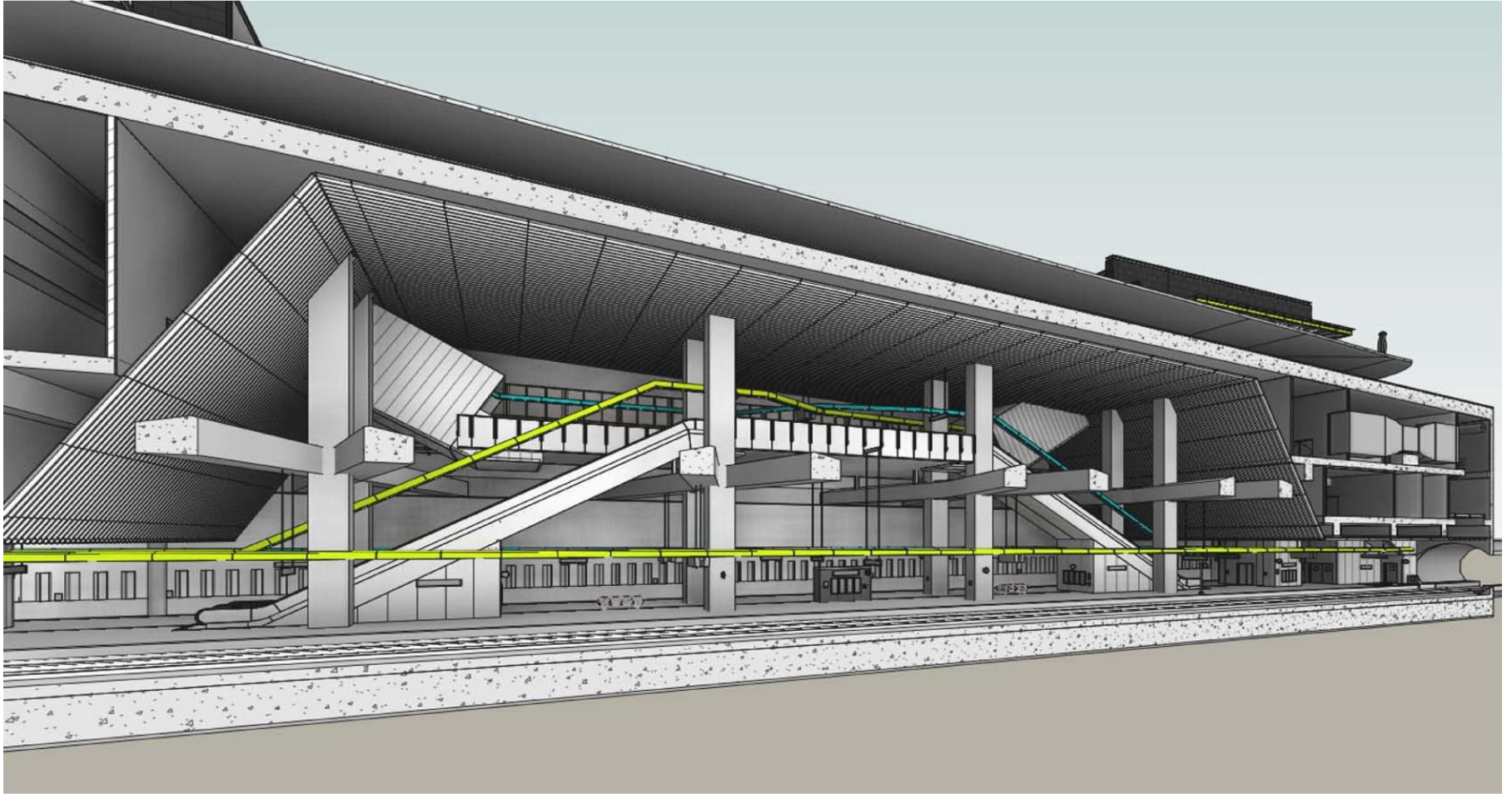
PERFORATED METAL SCREEN

STAINLESS STEEL PANELS

CONTINUOUS LIGHTING ELEMENT















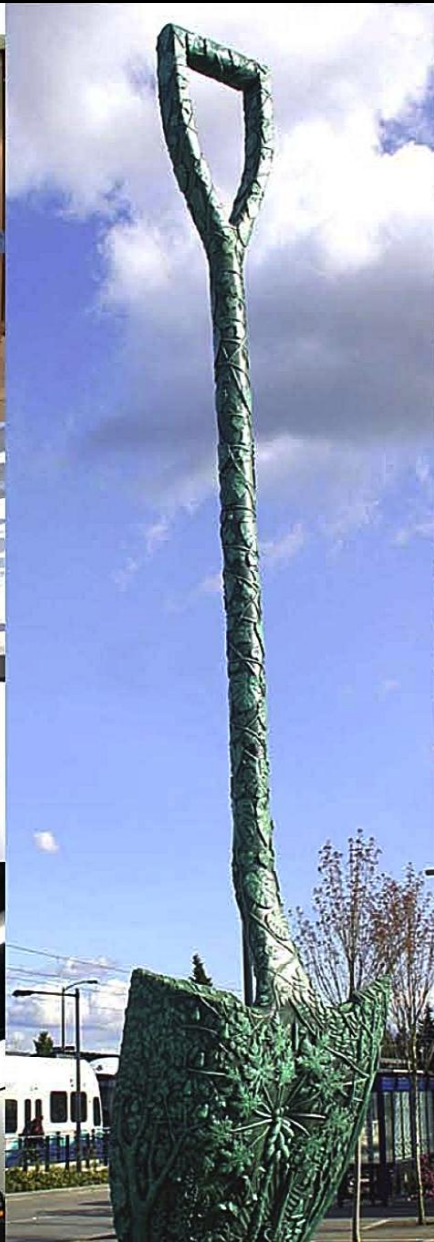
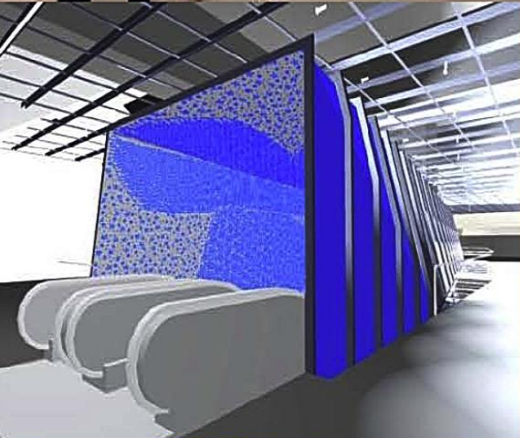








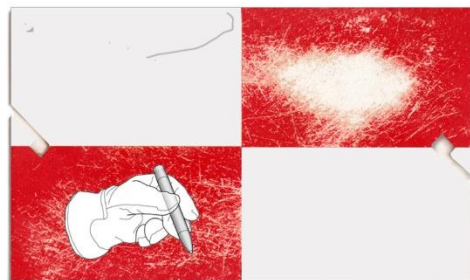
# STart (Sound Transit art program)





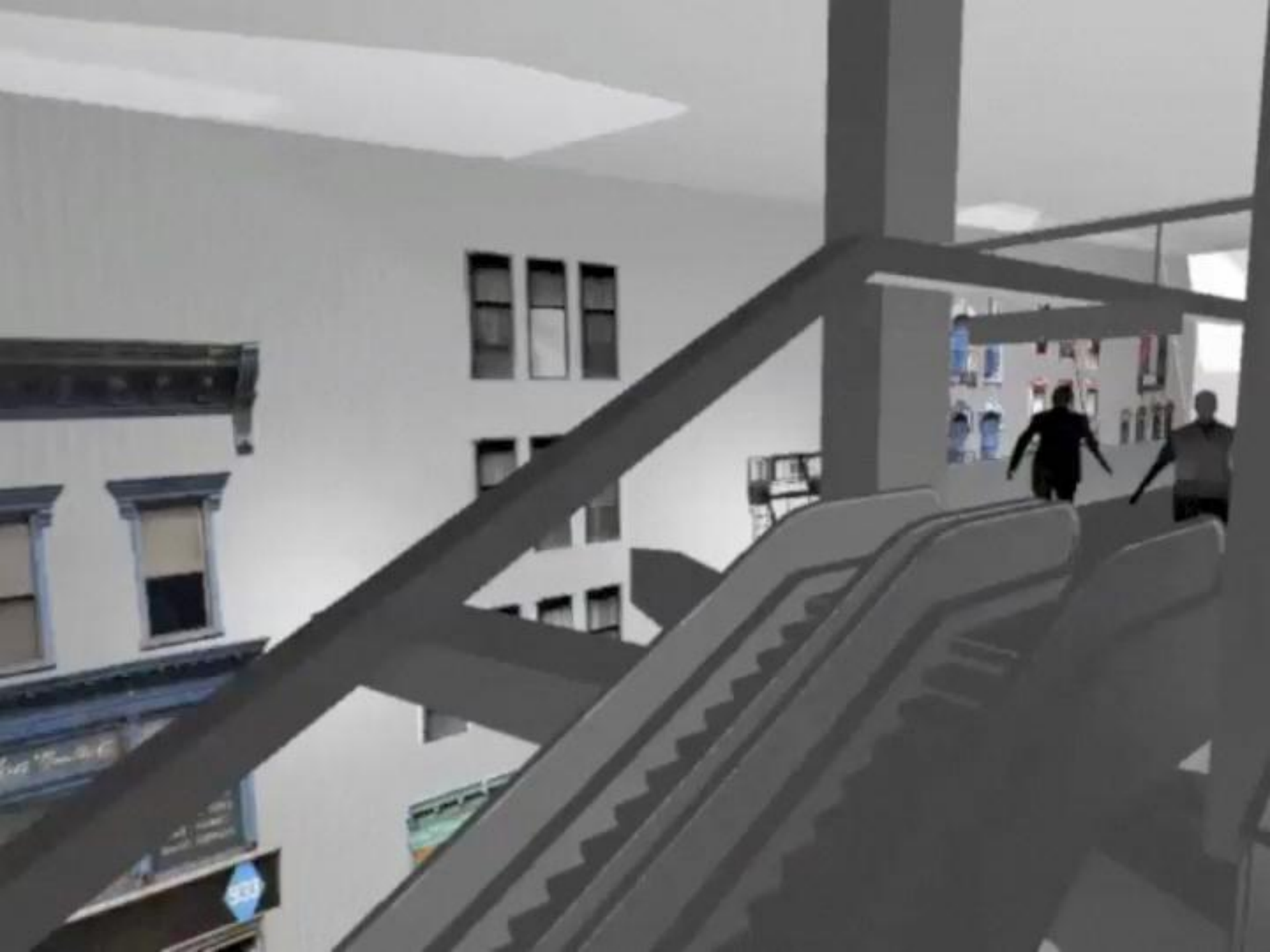
# Color TRANSPARENCY

Lead Pencil Studio - slide #1




THIS SIDE UP  
 TOWARD SCREEN

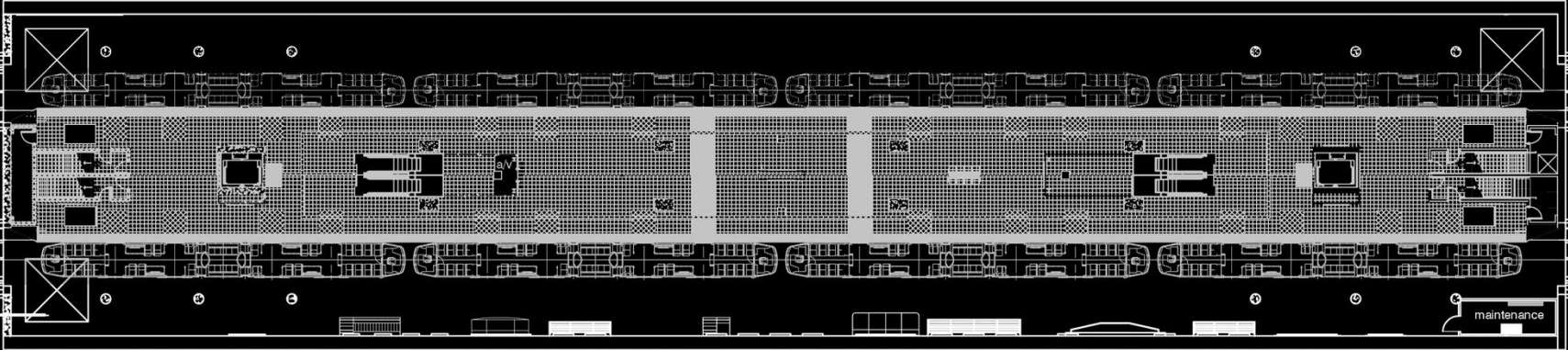


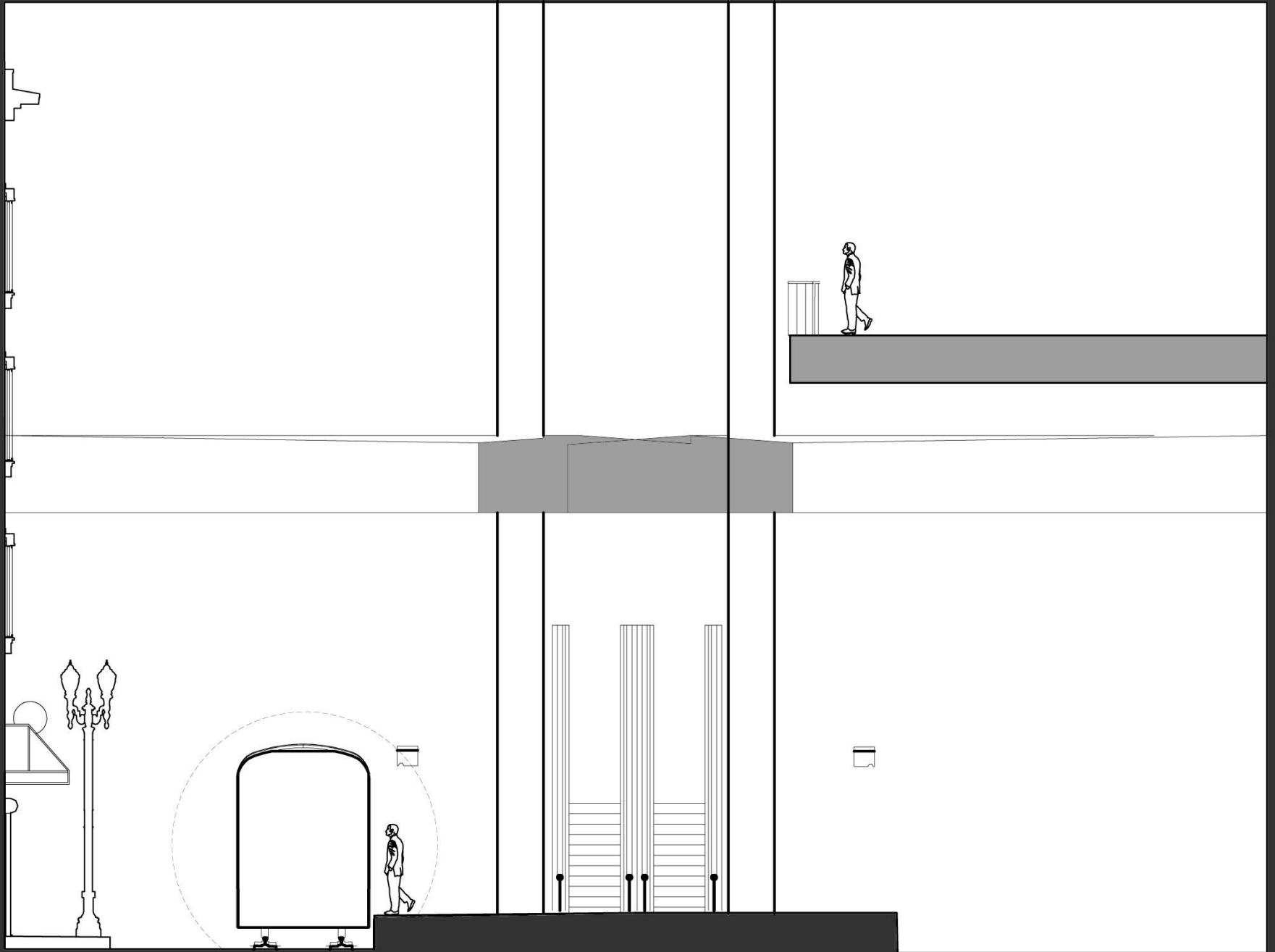


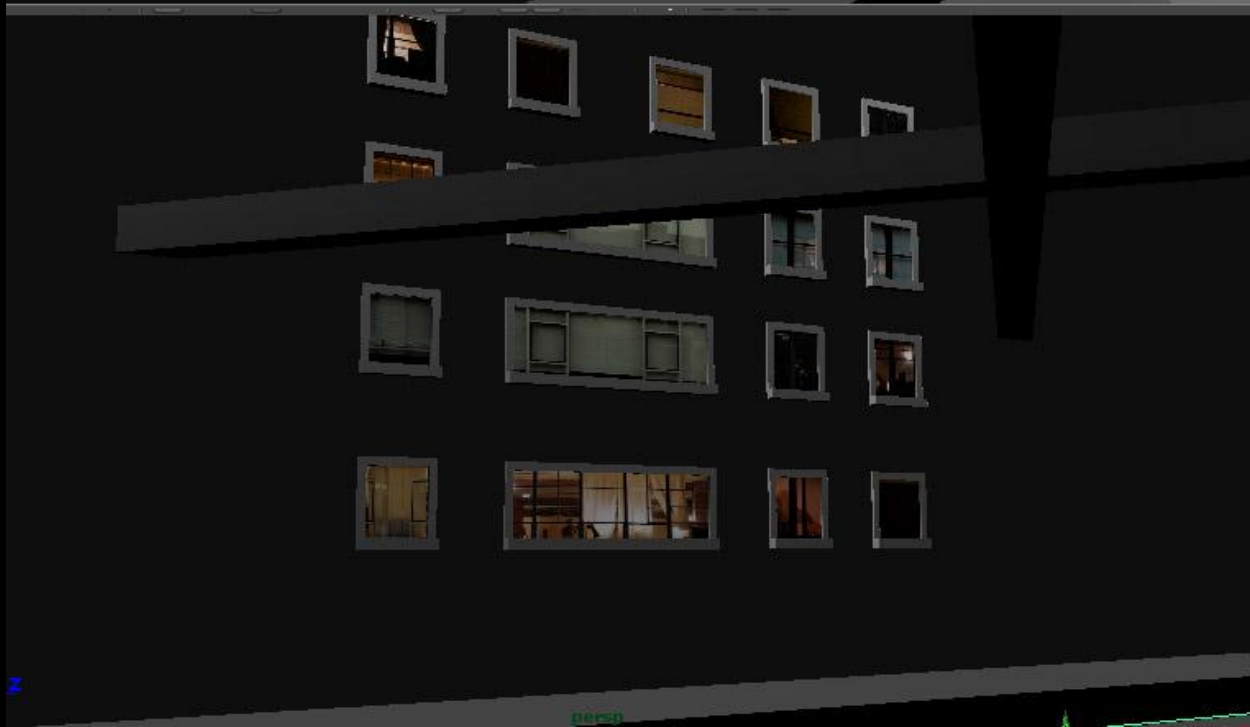
 WINDOWS THAT HAVE VIDEO

 Windows that are backlit

















50% NON-ARCHITECTURE



40% NON-BUILDING



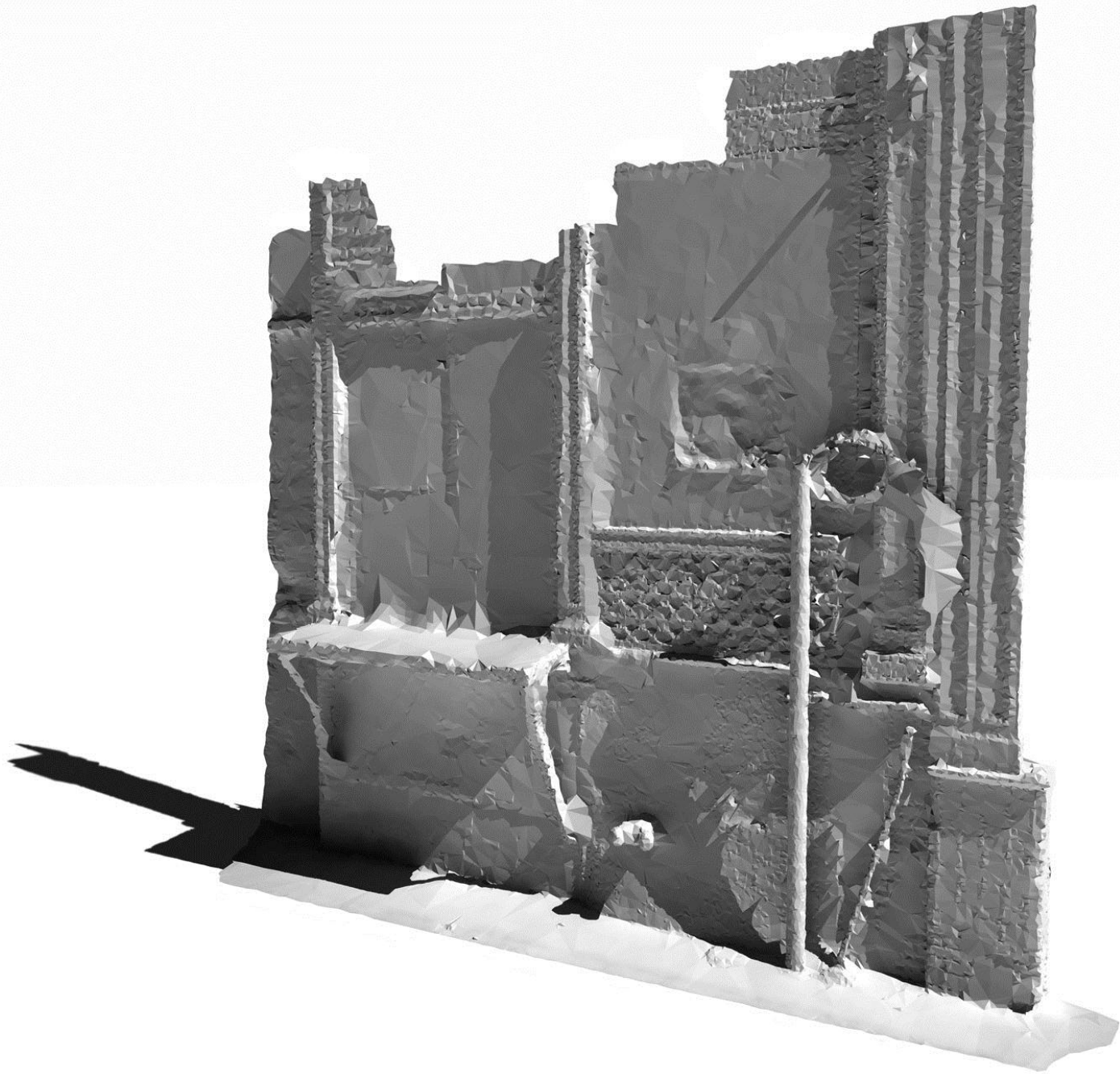
AVG 33% REMAINS



40% OF CITY















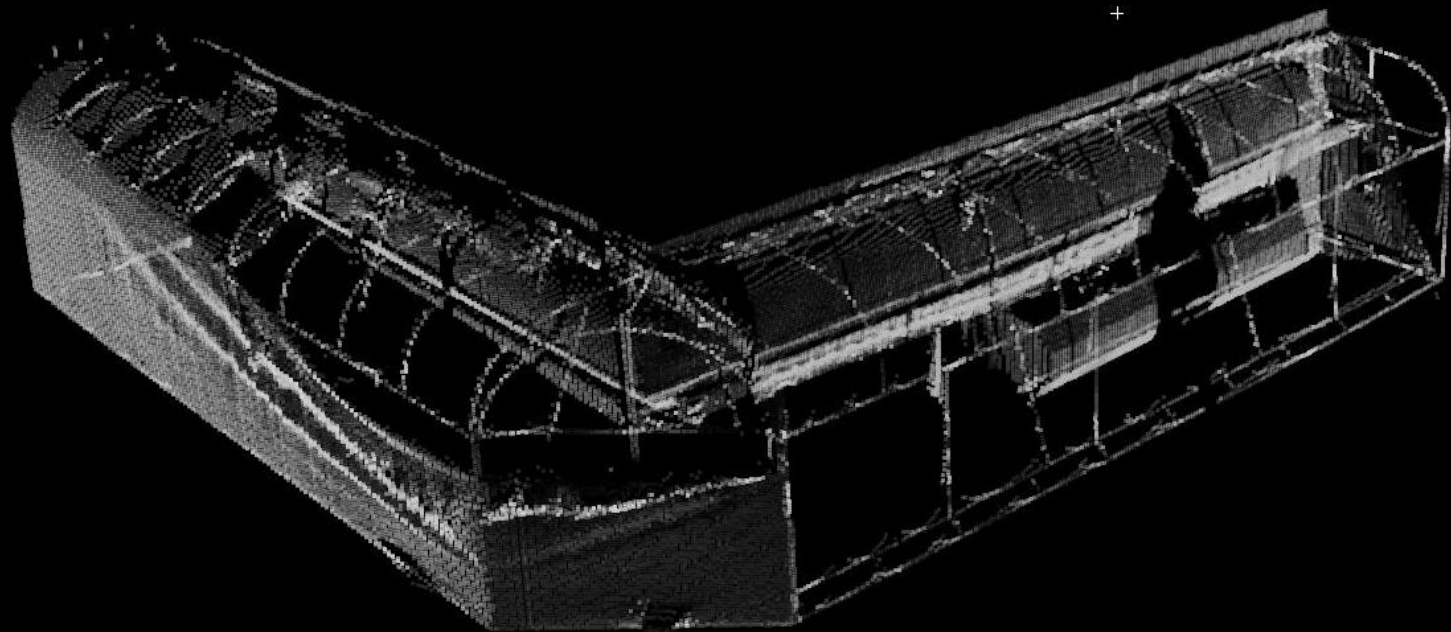


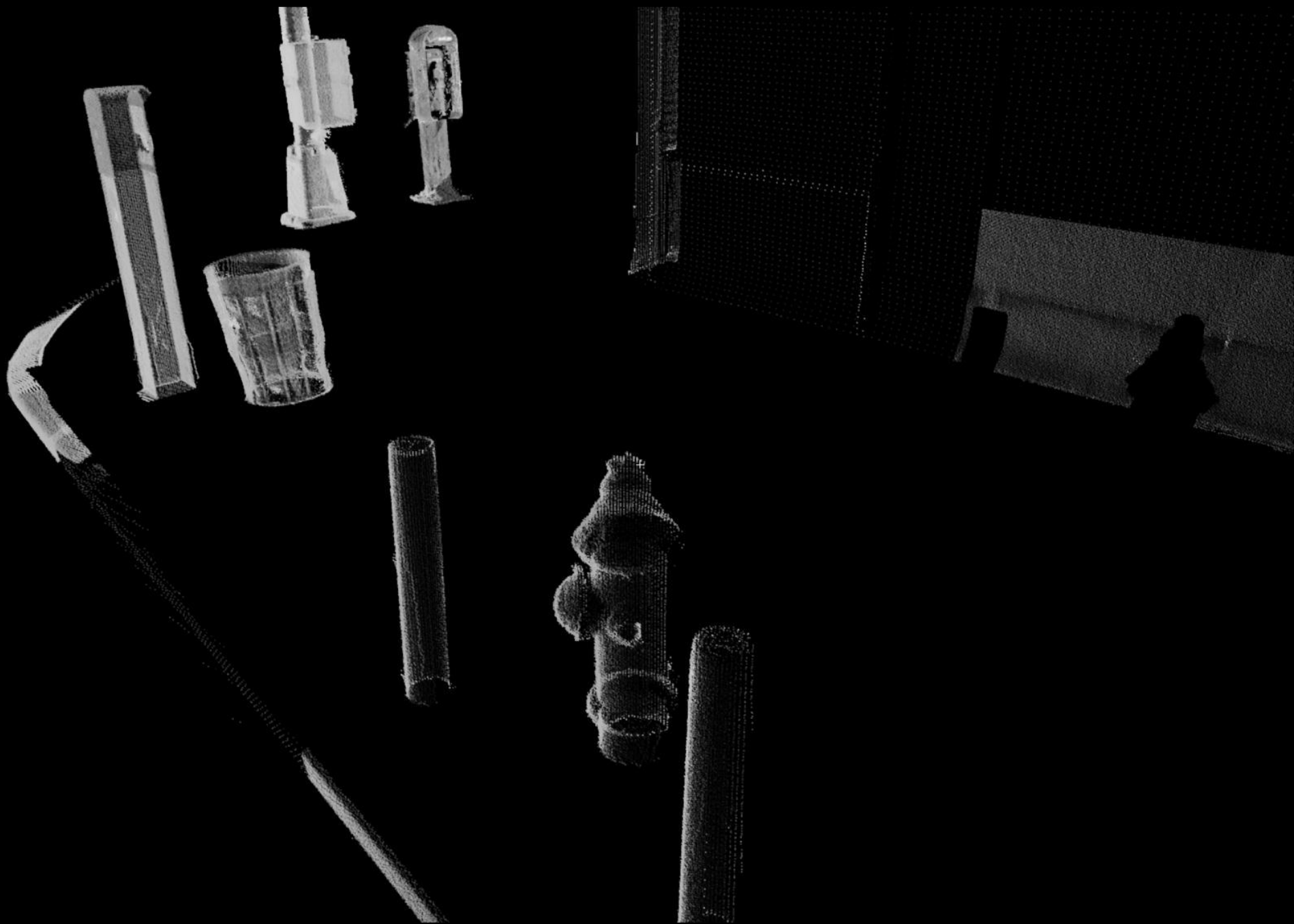
BUNN

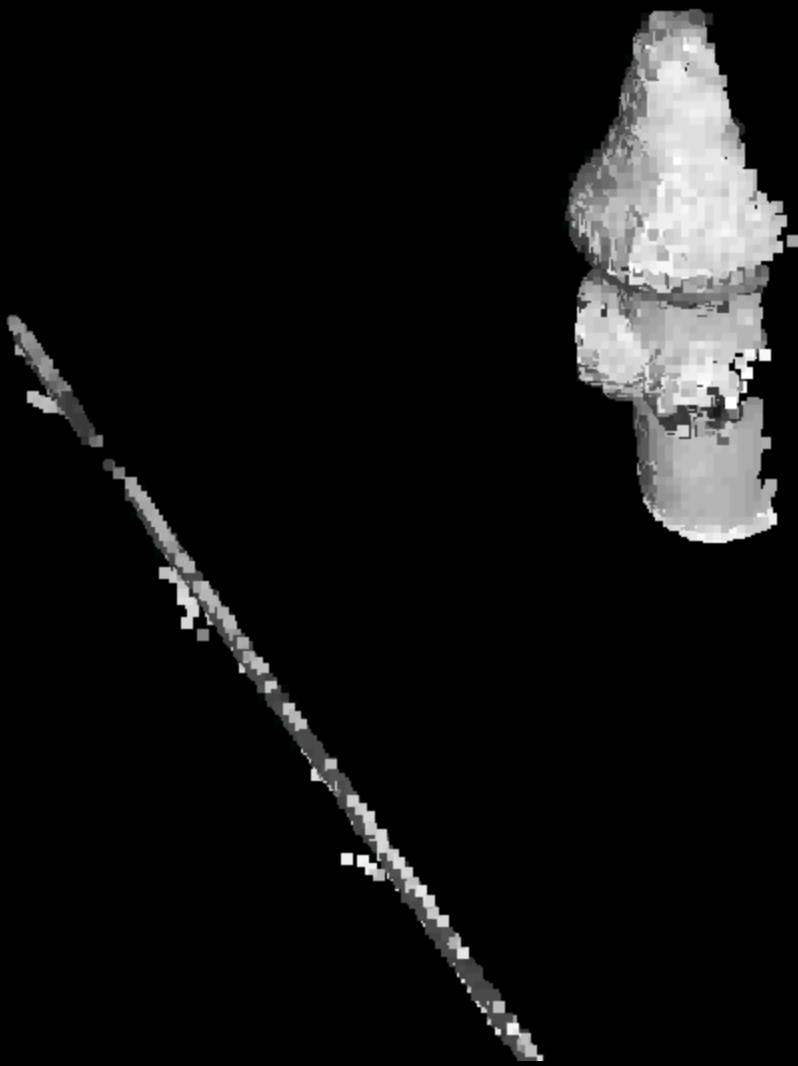
WARNING

COFFEE LIGHTEN













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STREPE O BIRAGGI,  
ESQUISITUM IN CIALABA  
PER LA VOSTRA TORTA

LEVONI

LEVONI

LEVONI

CAFFÈ  
CRAZI  
CRAZI







Questions?

