

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

May 17, 2012



# North Link (University District to Northgate)

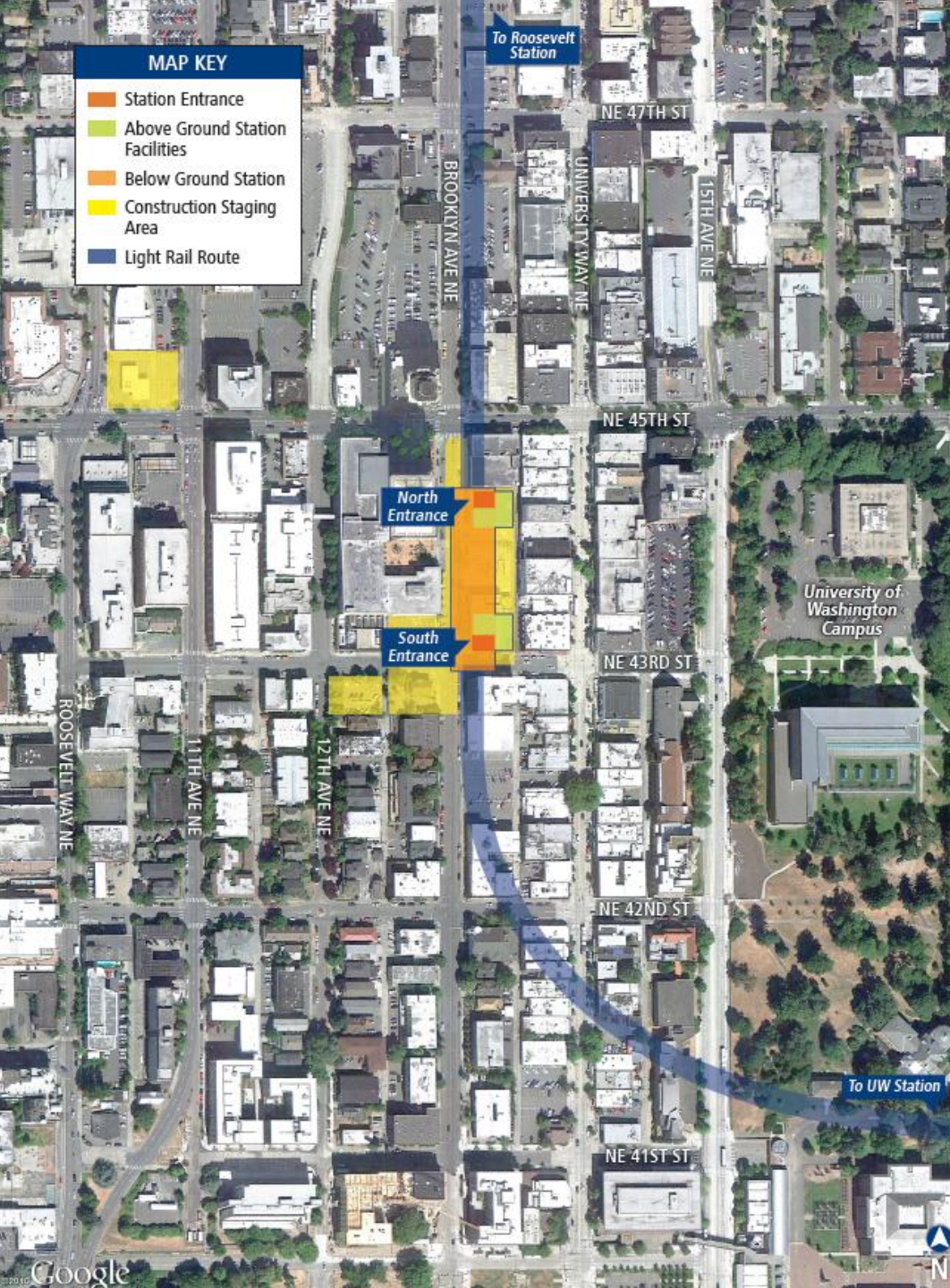
- 4.3-mile light rail extension
- Stations at U-District (Brooklyn), Roosevelt and Northgate
- Completion: 2021
- 62,000 daily boardings added to system by 2030



# Brooklyn Station

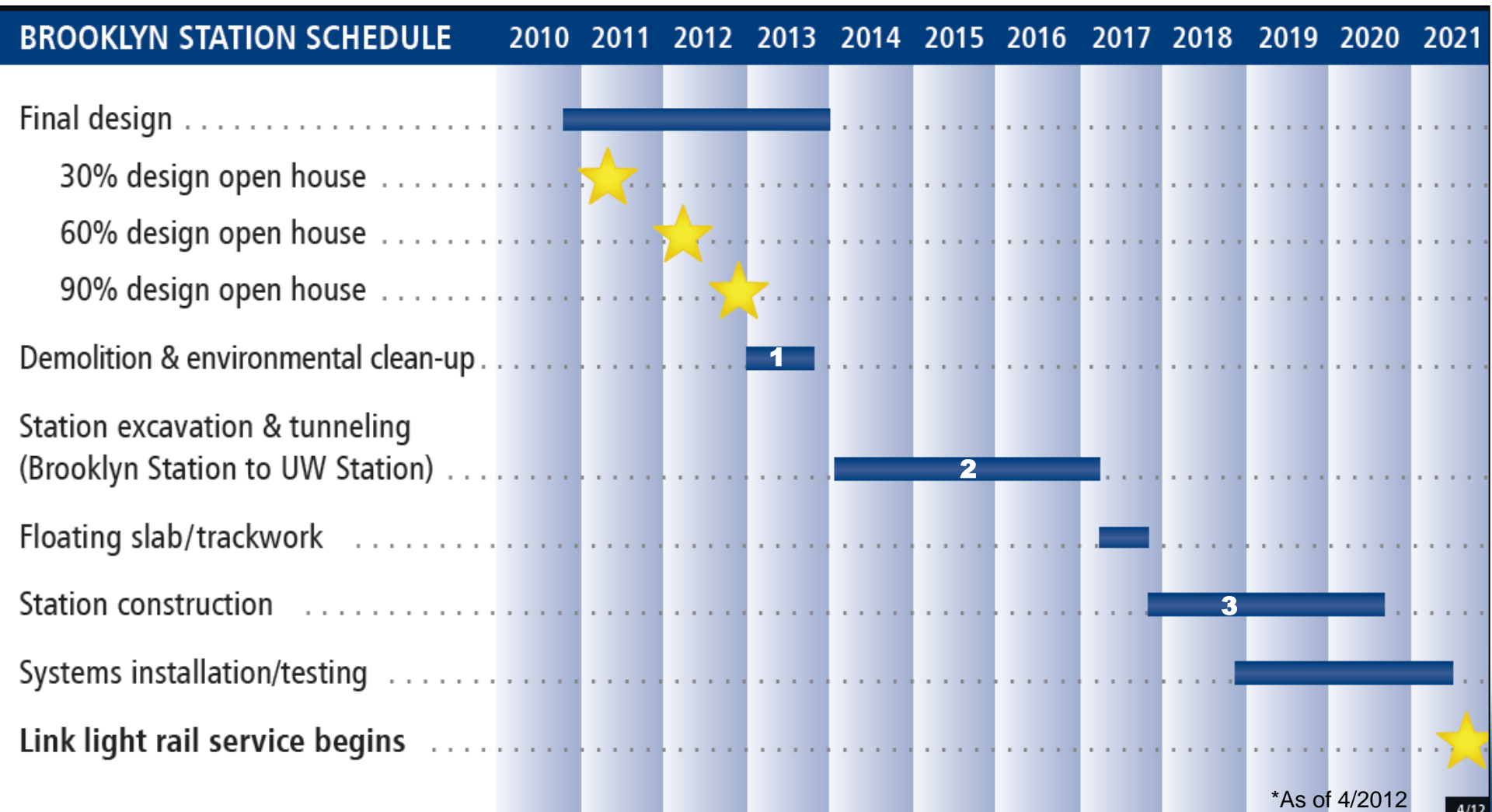
## Key Features:

- 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

4/12

# 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

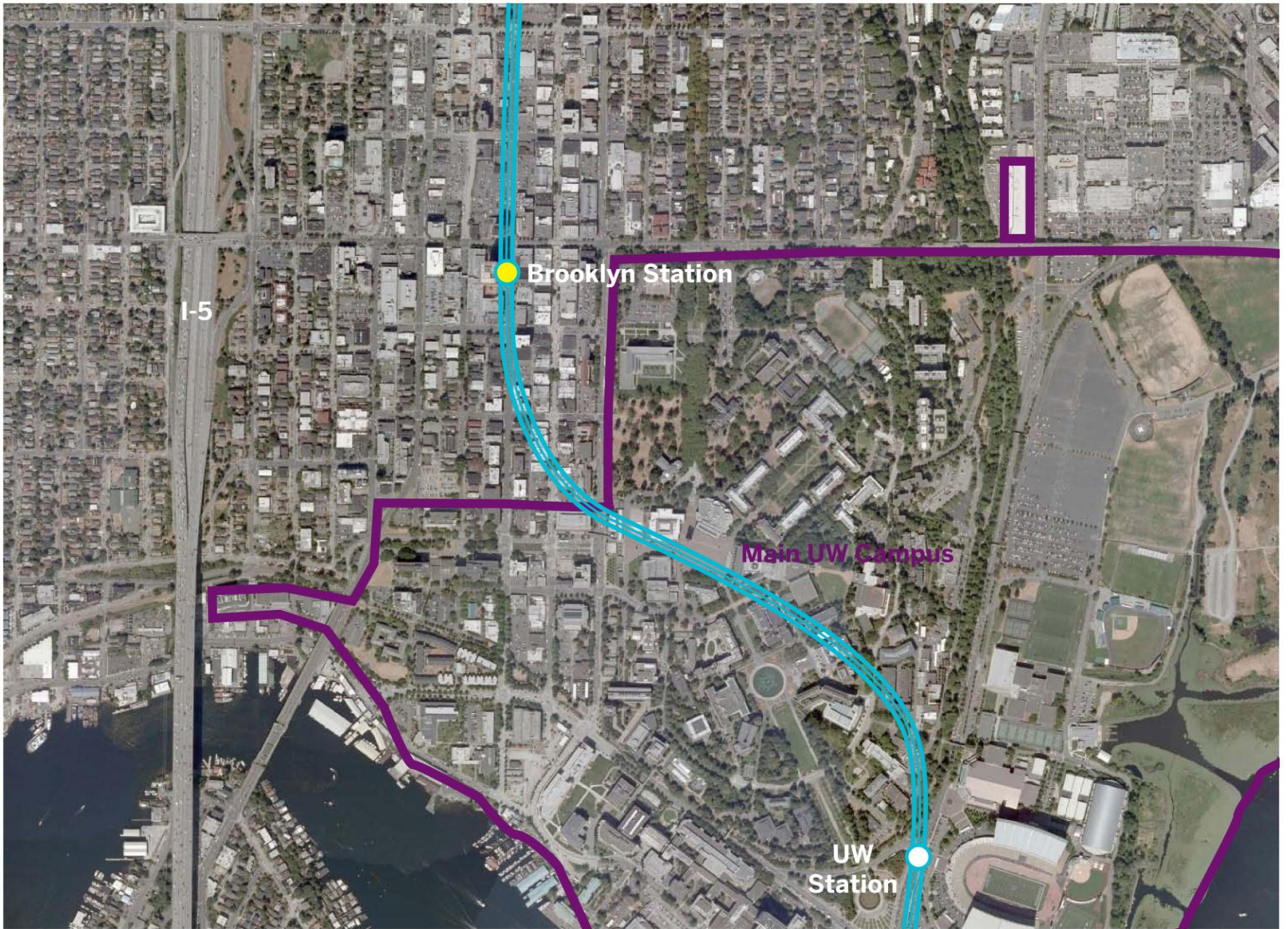


# ST Sustainability

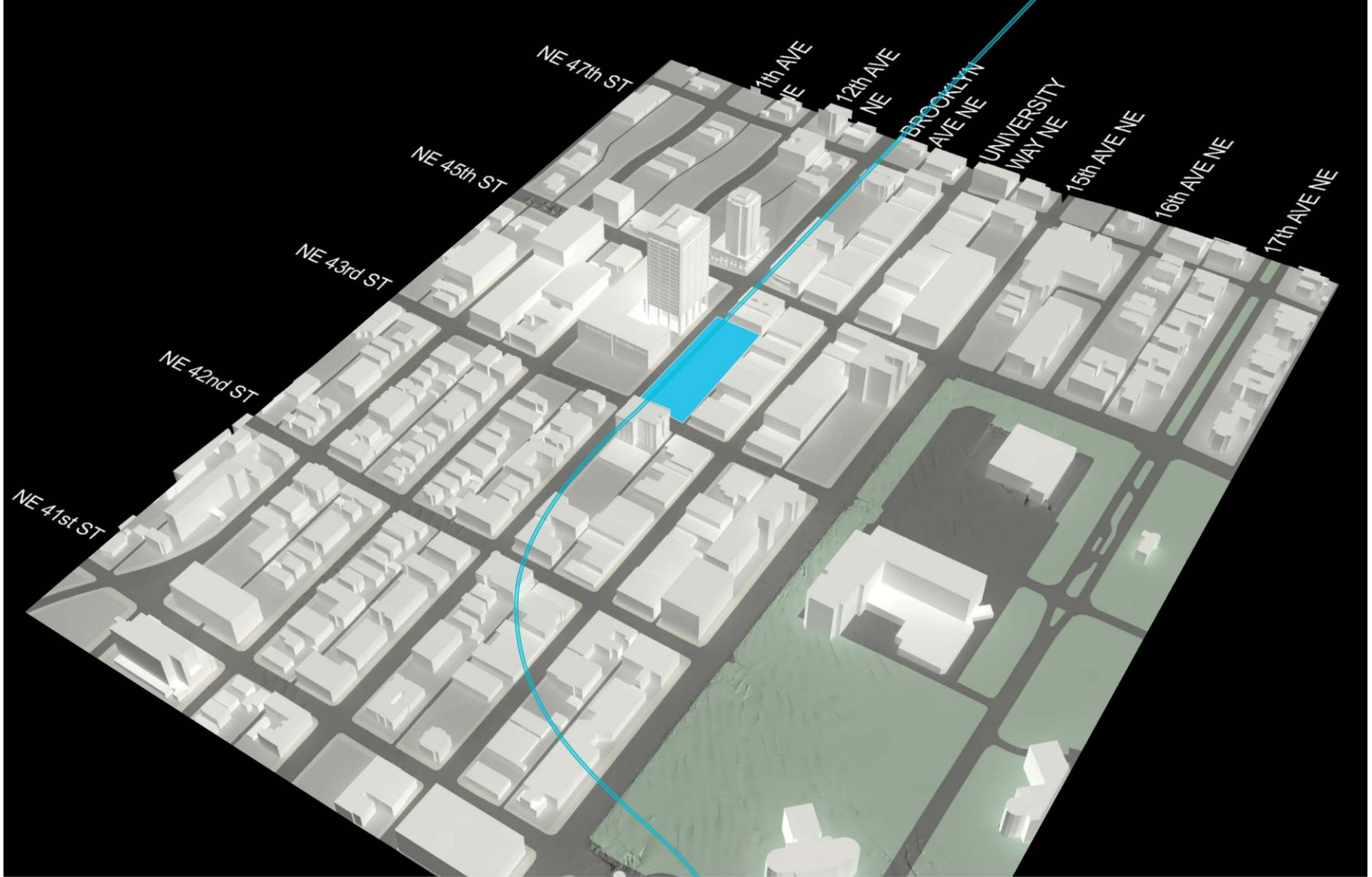
## Construction, continued

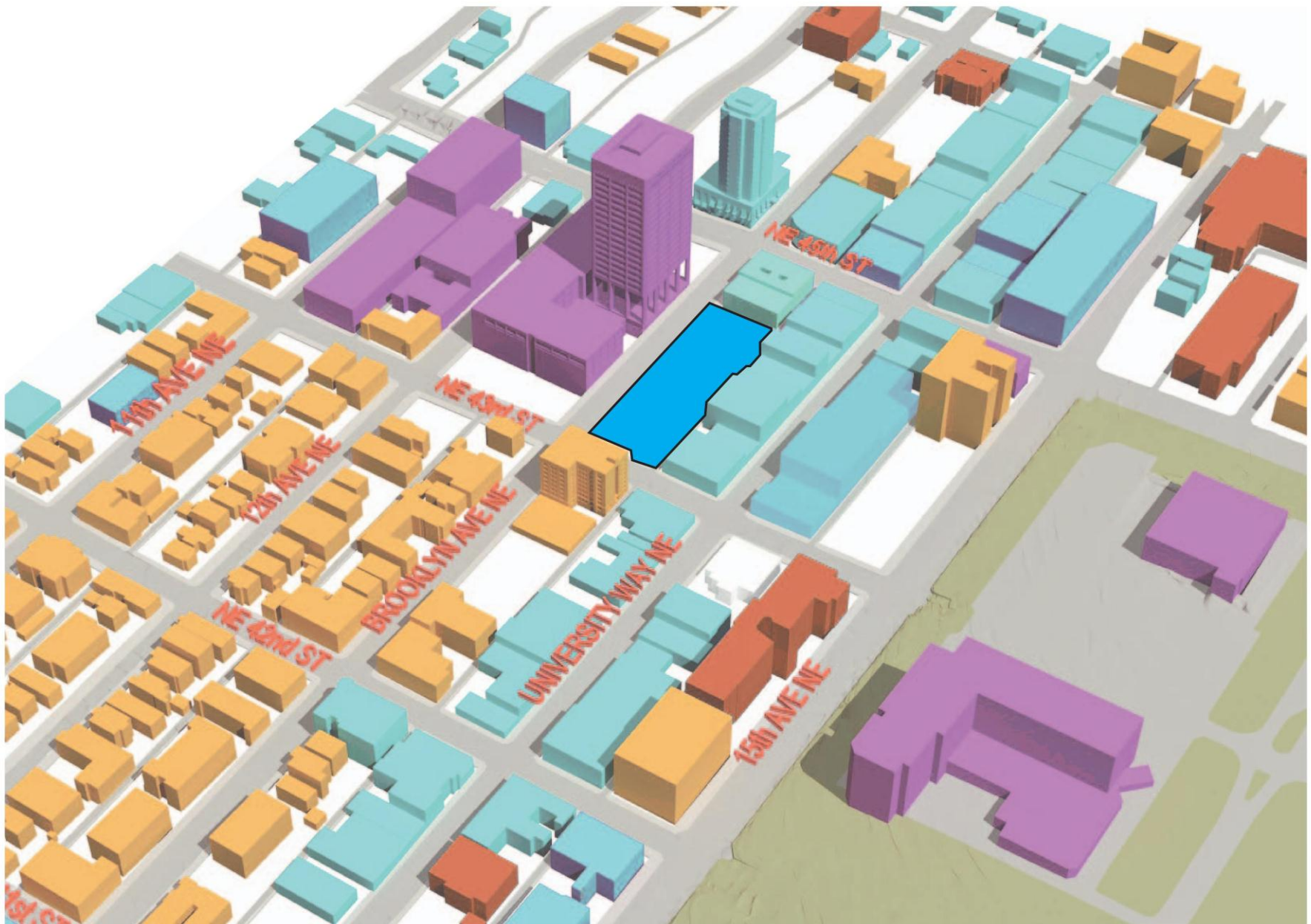
- Contractor incentives
  - No idle zones
  - Scrubbers on equipment
  - Electric or biodiesel equipment
  - Employee transit passes & carpooling
  - Employee storage & laundry on site
  - Construction debris recycling & oil recycling
- Build it right the first time



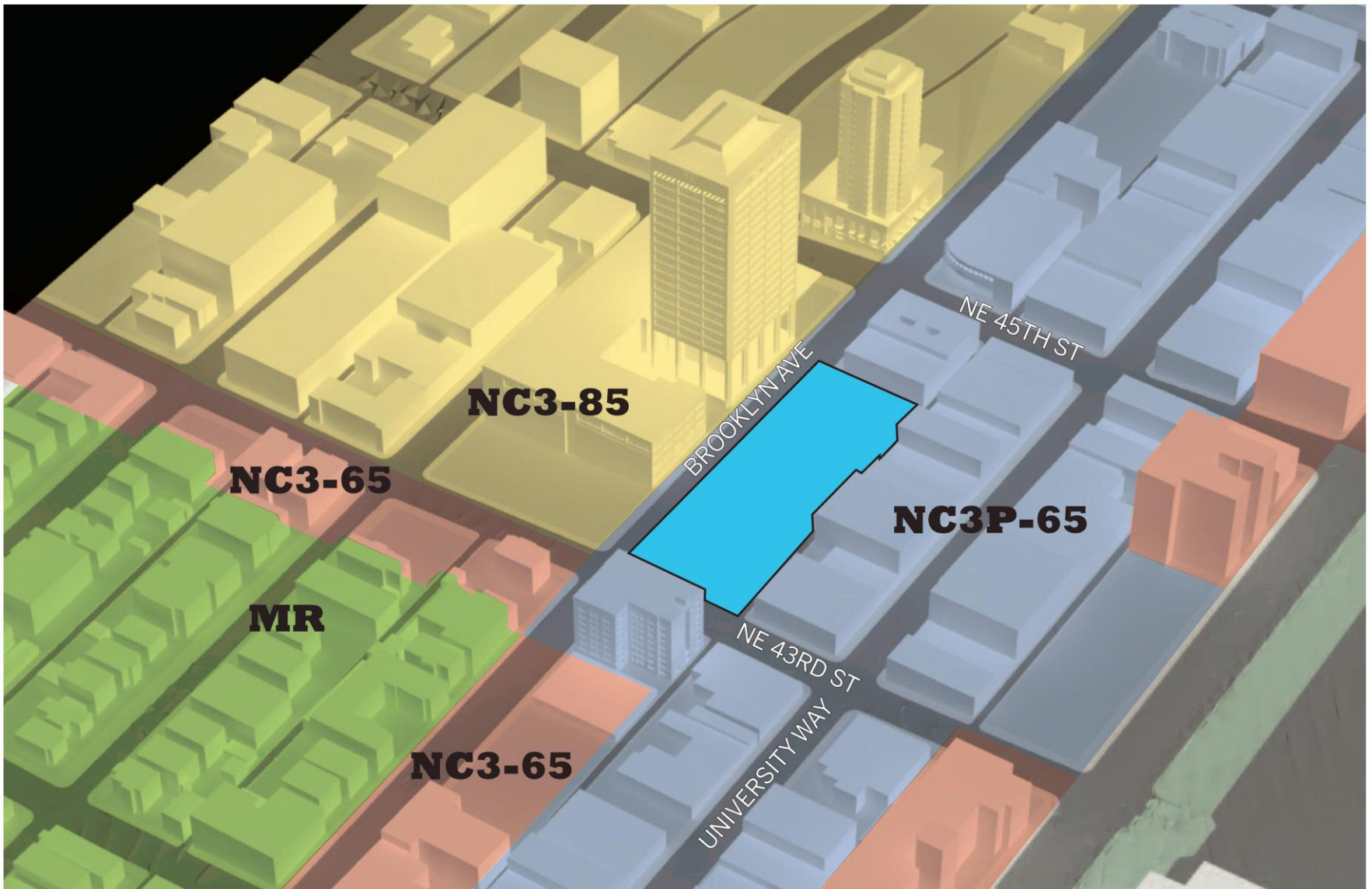








- UW BUILDINGS
- RESIDENTIAL
- RETAIL/COMMERCIAL
- RELIGIOUS
- PROJECT SITE



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

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

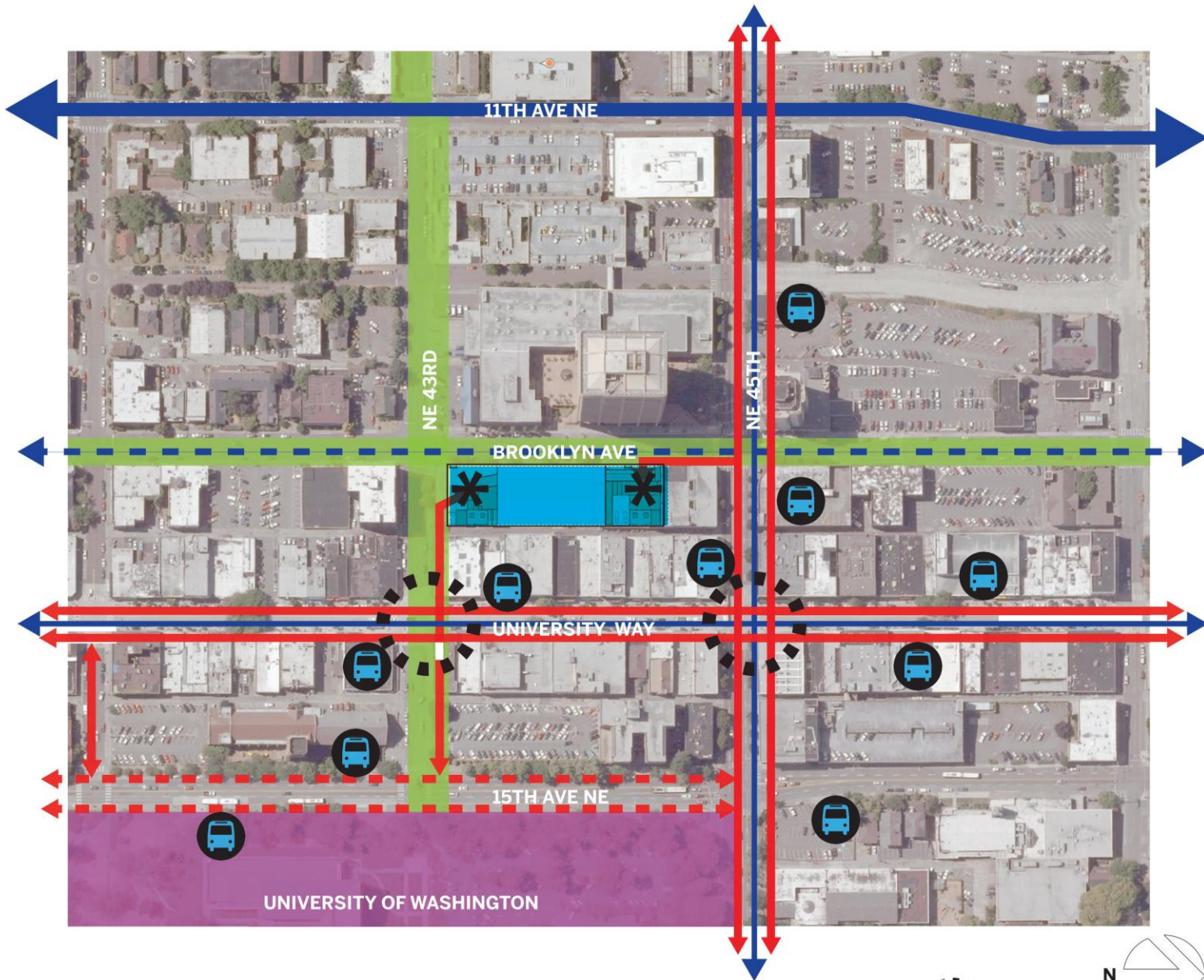
NC3P-65:  
 NEIGHBORHOOD COMMERCIAL 3  
 PEDESTRIAN ORIENTED  
 65'-0" HEIGHT LIMIT

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



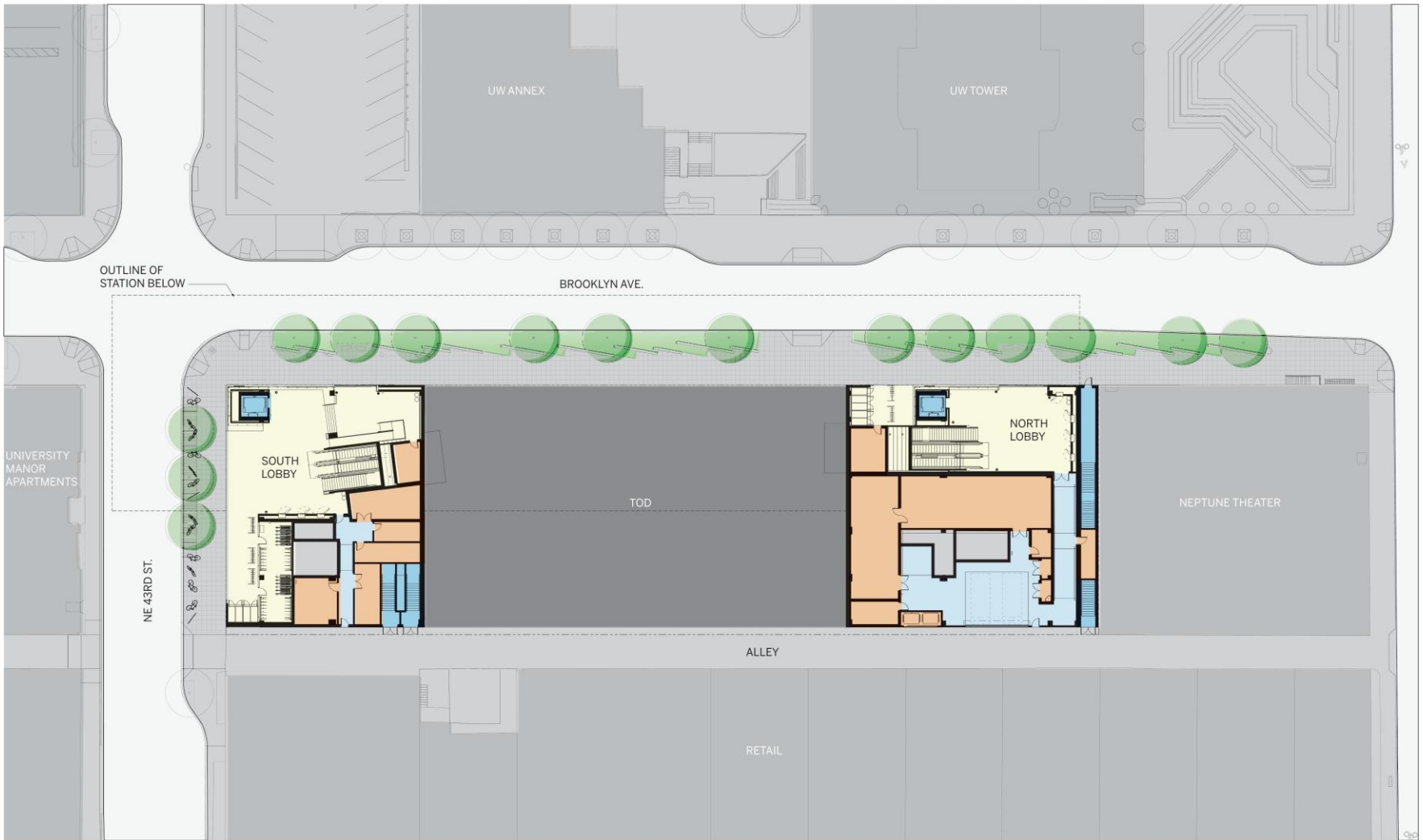




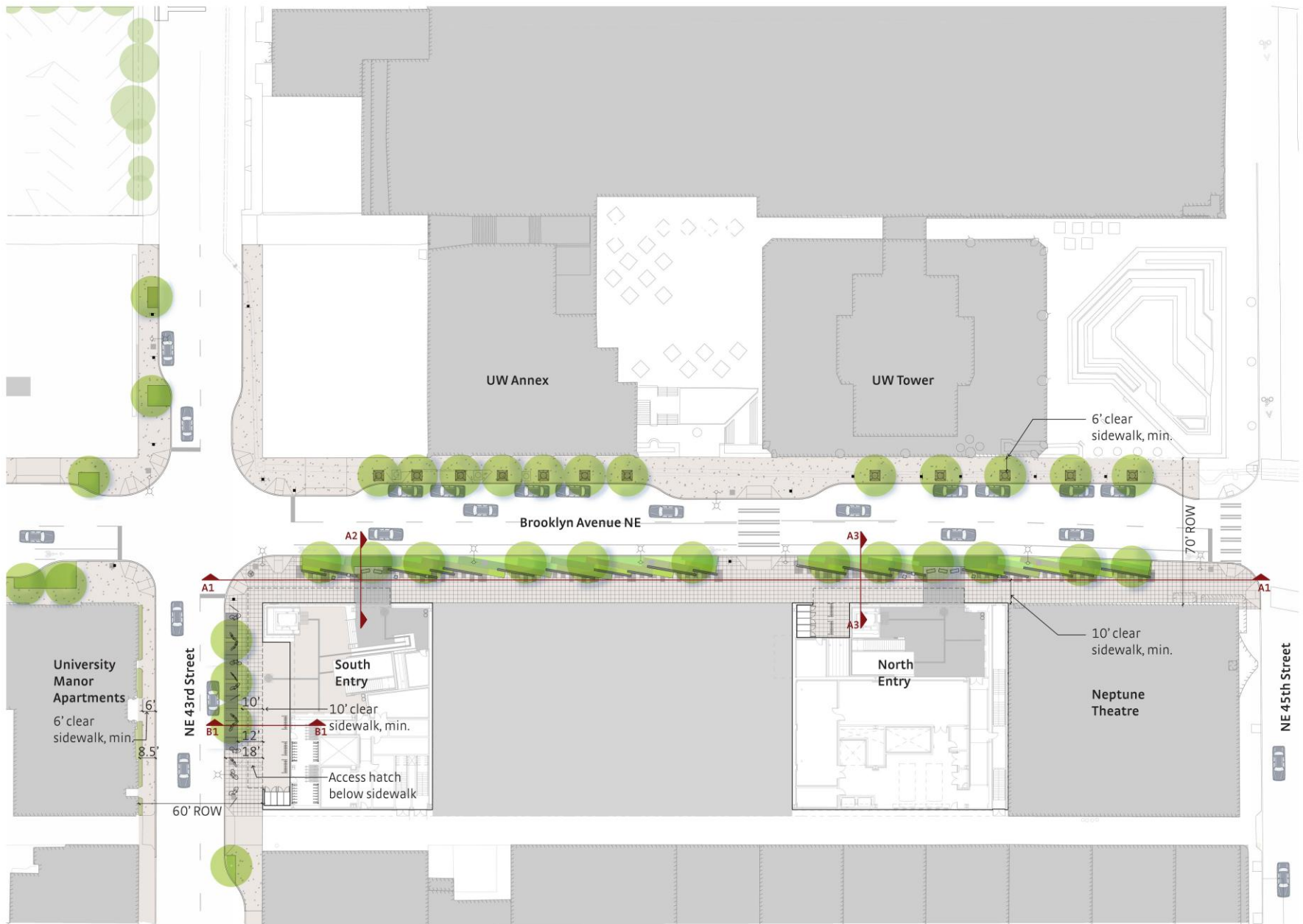


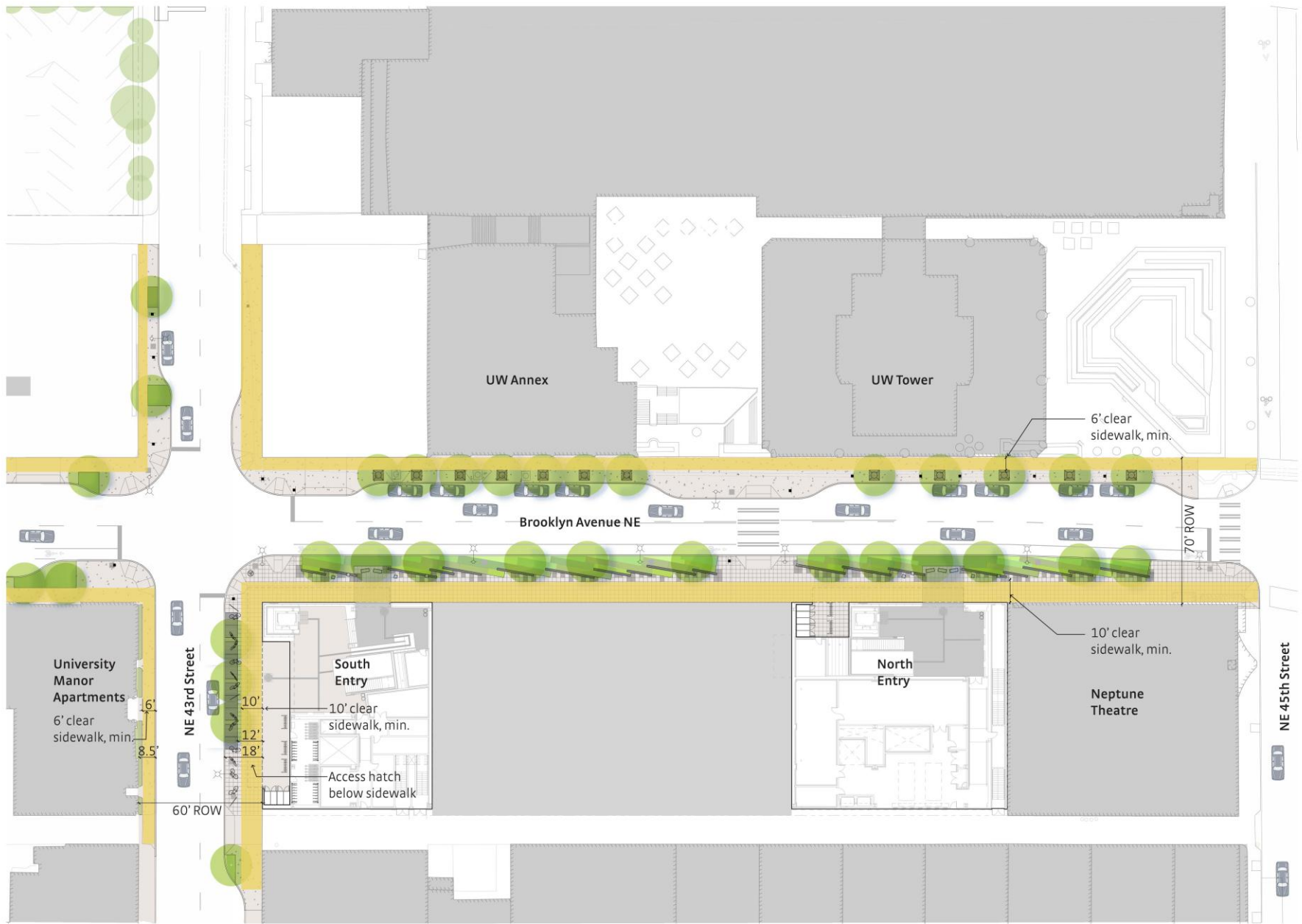
-   
 PLANNED GREEN STREET
-   
 BUS STOPS
-   
 PRIMARY PEDESTRIAN ROUTE
-   
 SECONDARY PEDESTRIAN ROUTE
-   
 BIKE SHARROW
-   
 PLANNED BIKE SHARROW
-   
 DEDICATED BIKE LANES
-   
 UNIVERSITY COMMUNITY GATEWAYS

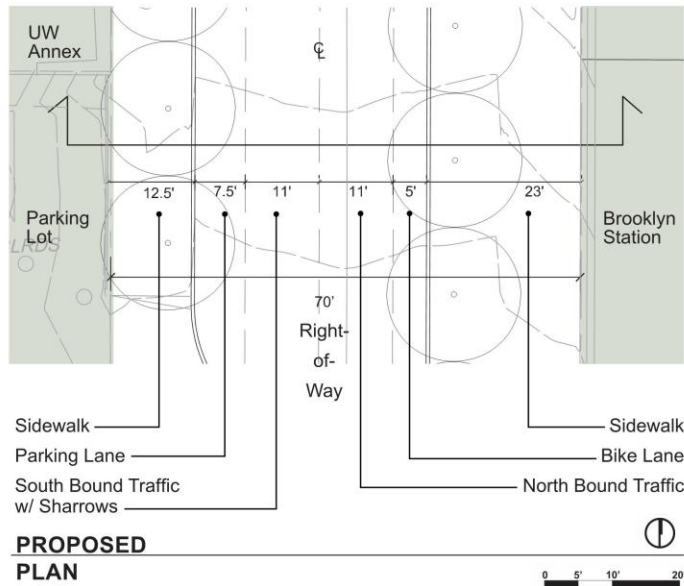
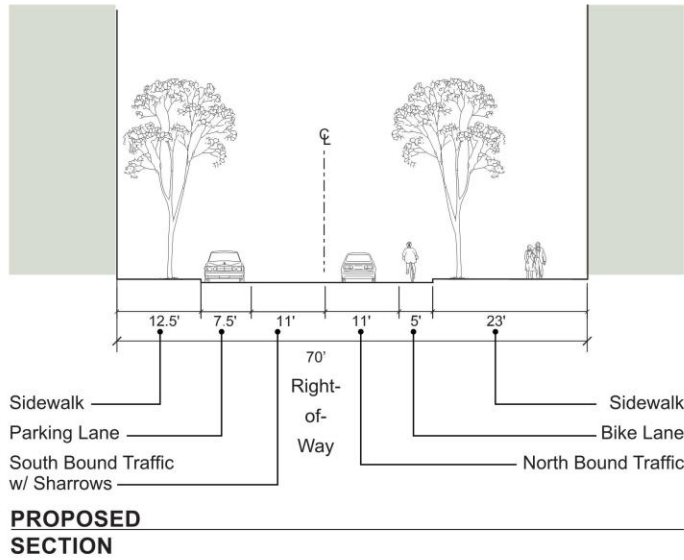


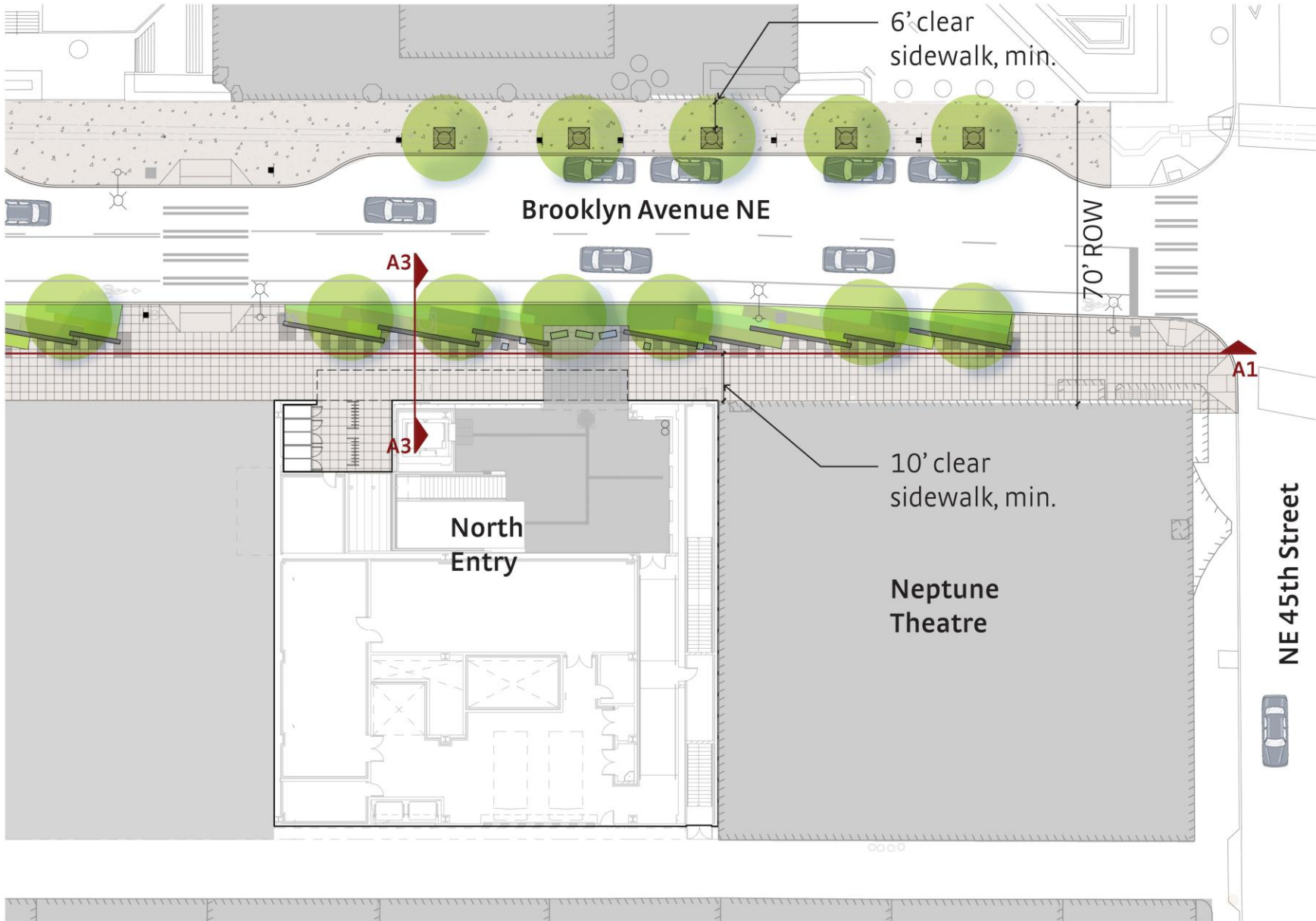


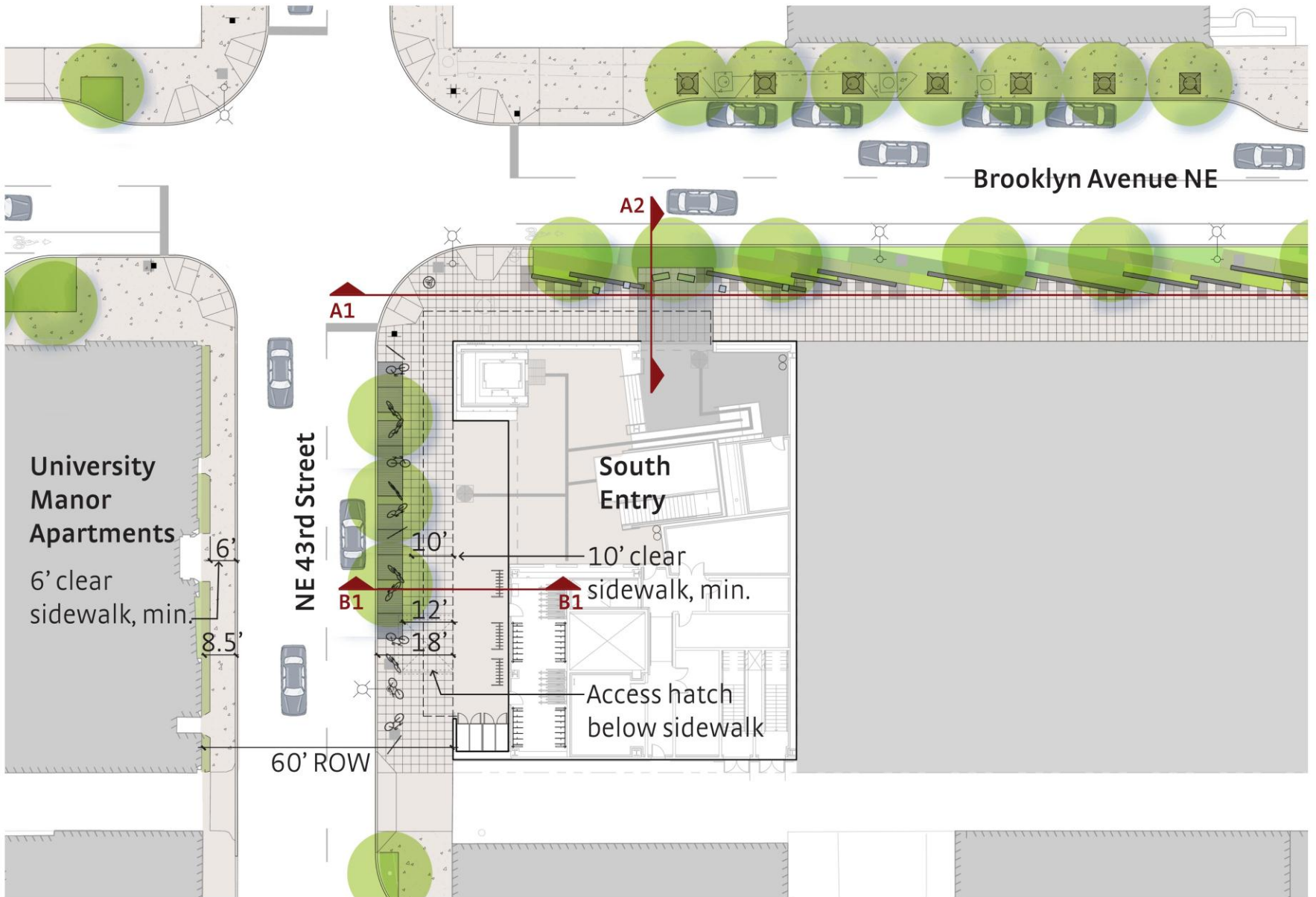












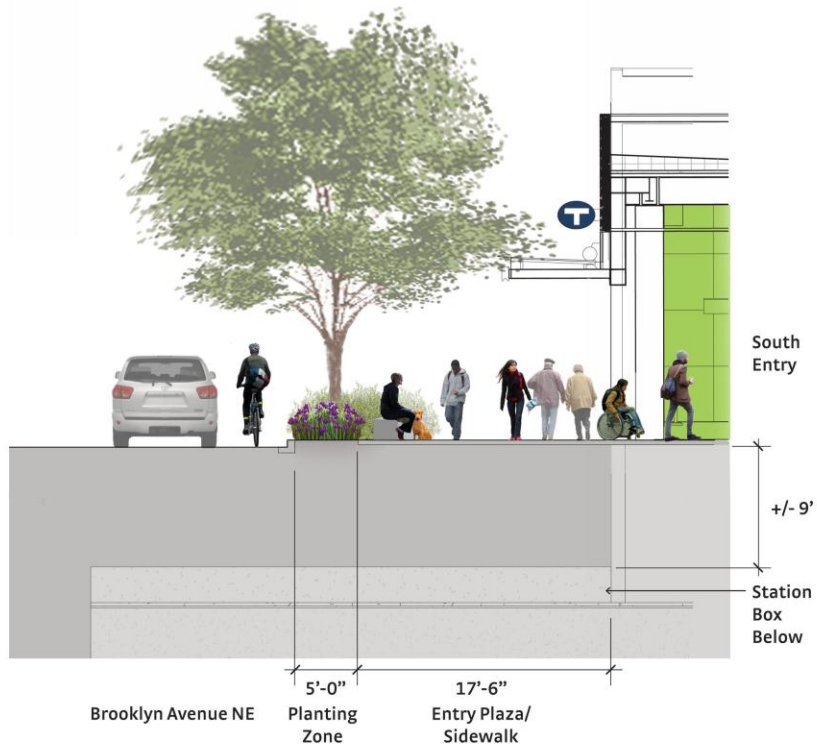


**Enlargement**

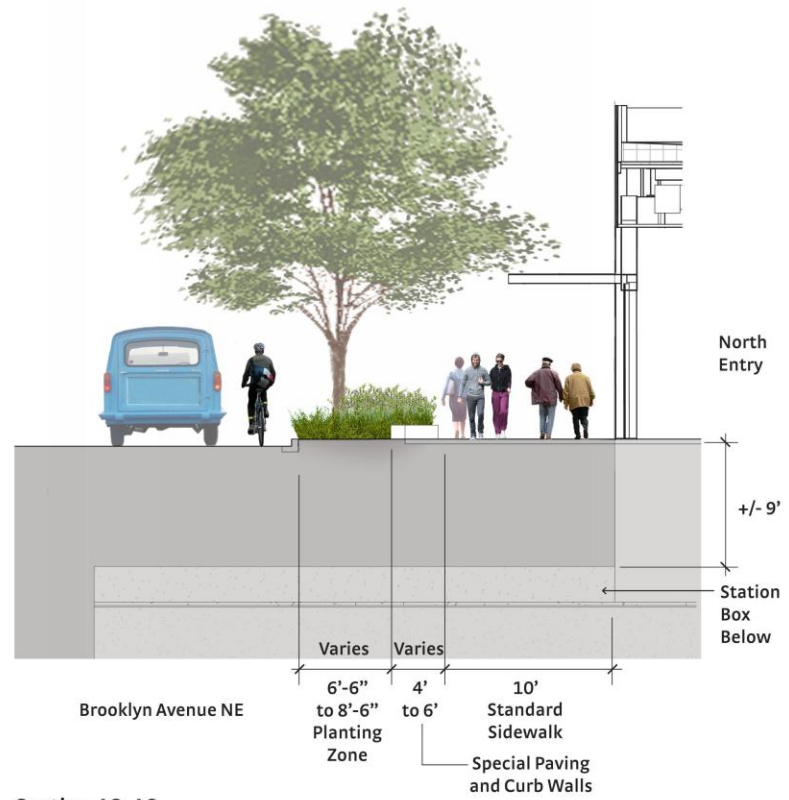


**Section A1-A1**



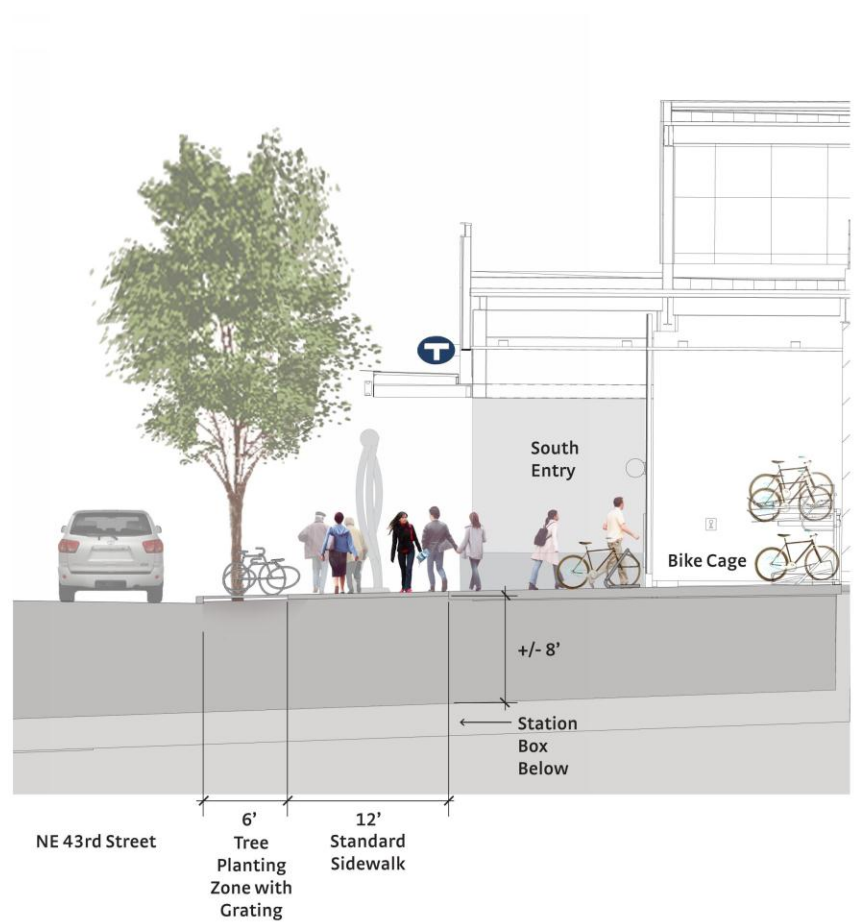


Section A2-A2  
@ South Entry  
Looking North



Section A3-A3  
@ North Entry  
Looking North





Section B1-B1  
 @ South Entry  
 Looking West



6th Between Denny + John

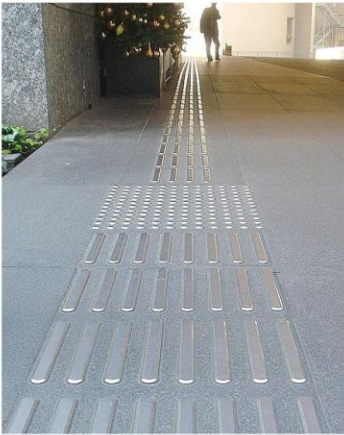


Gates Foundation on 5th



Maynard Avenue South

PAVING



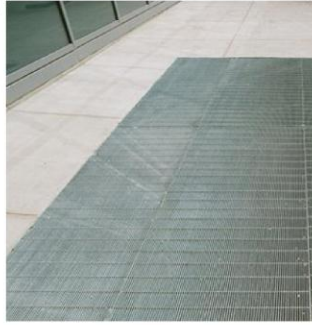
LANDSCAPE CURB WALLS



SEATING



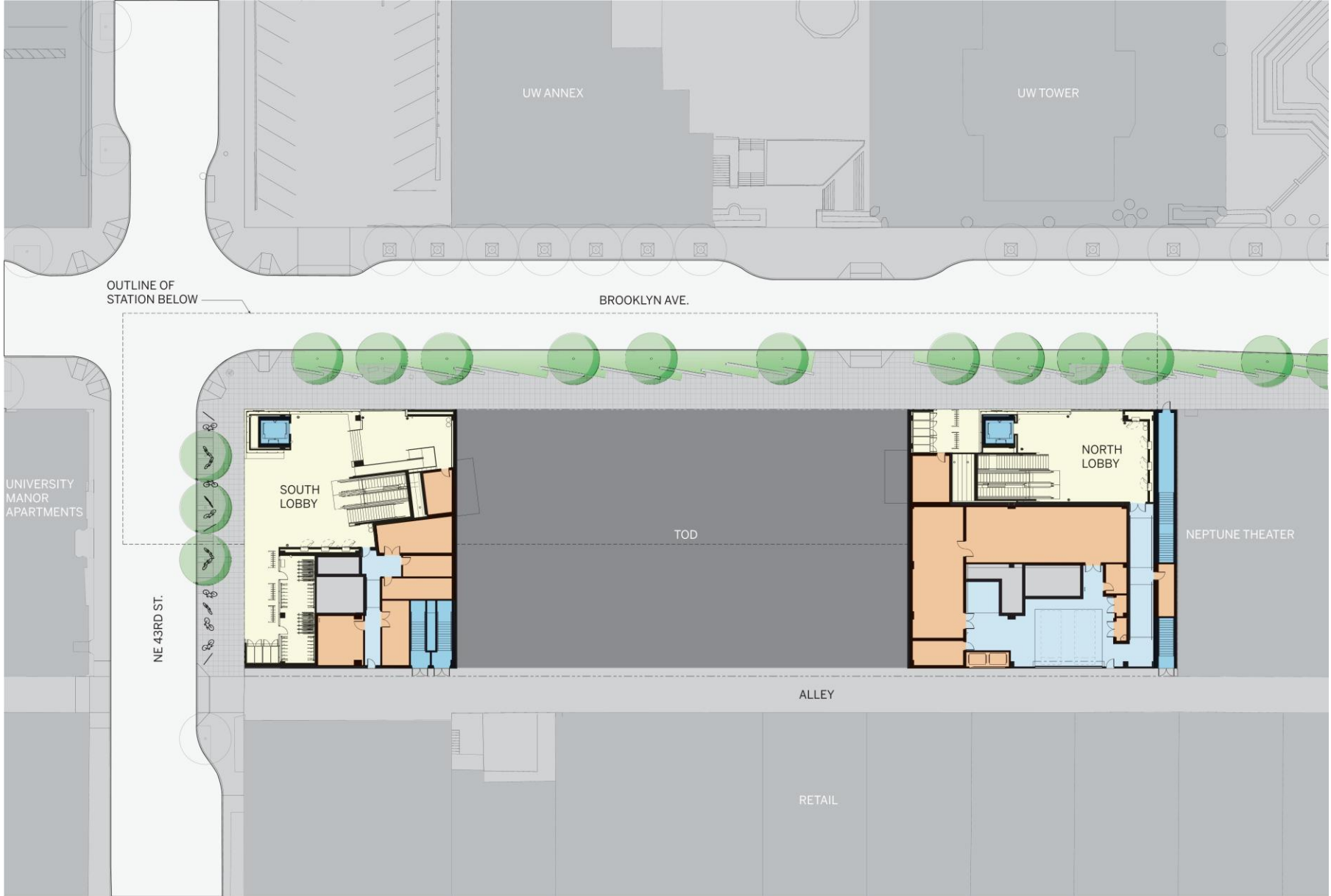
GRATES

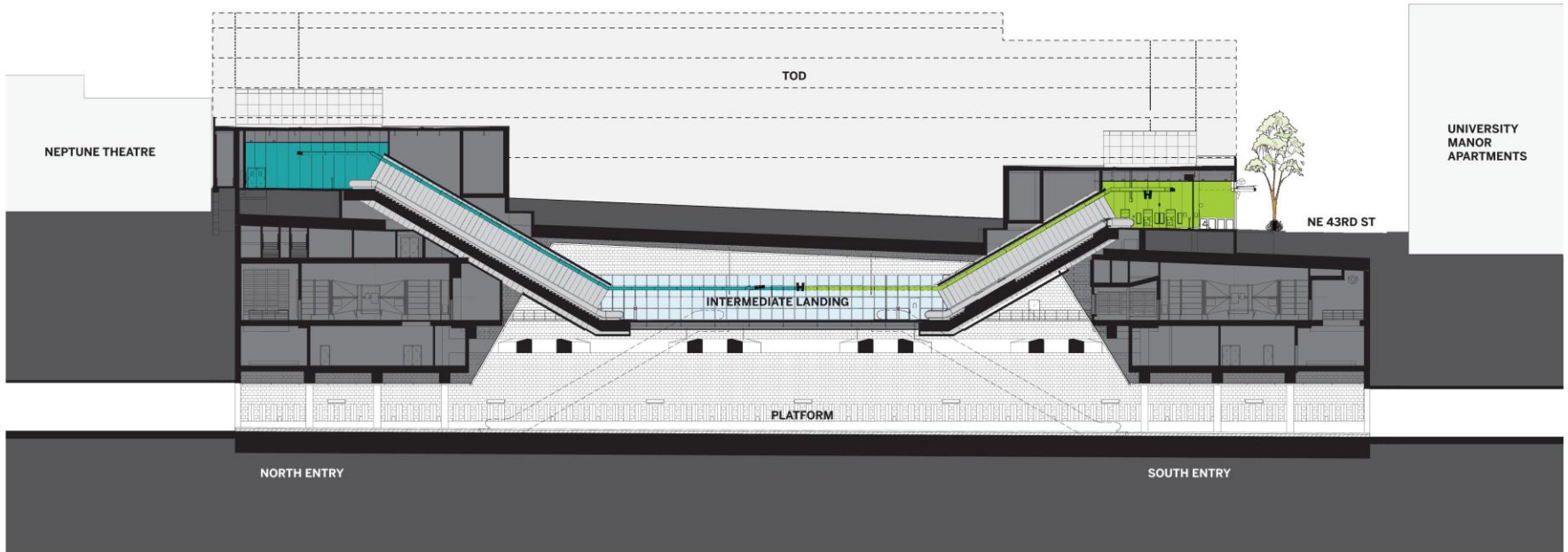


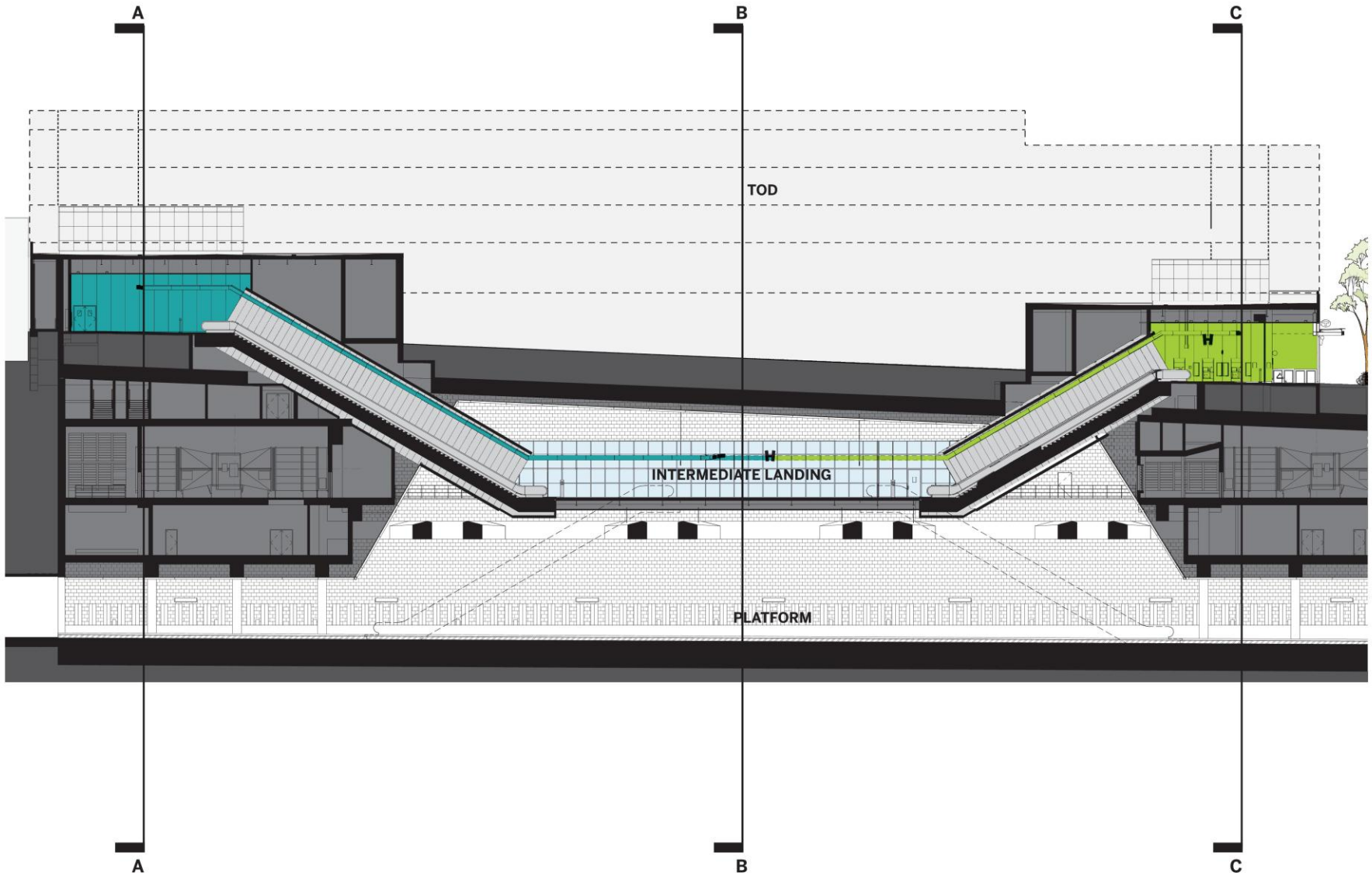
MULTI-PURPOSE



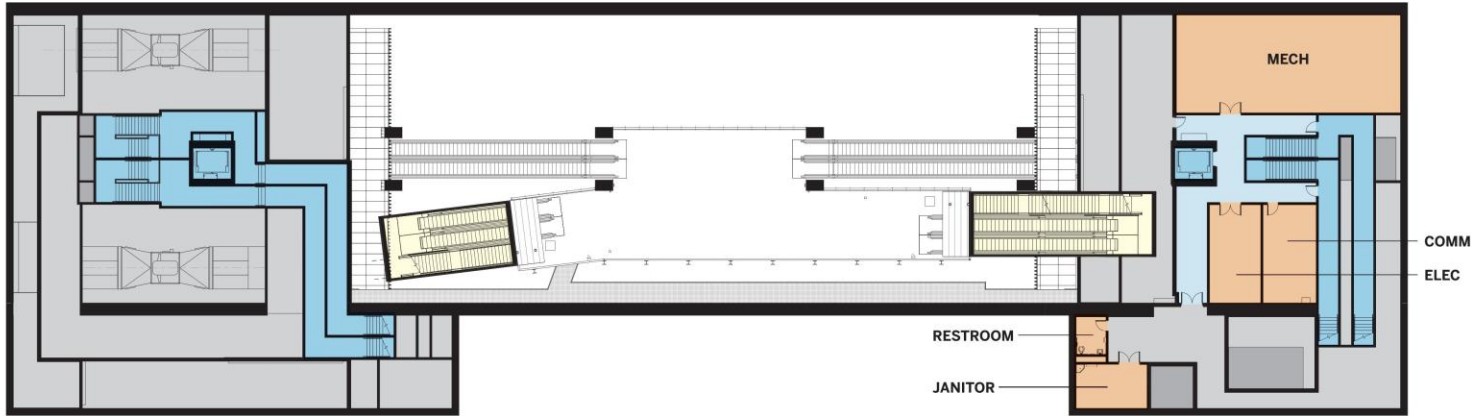




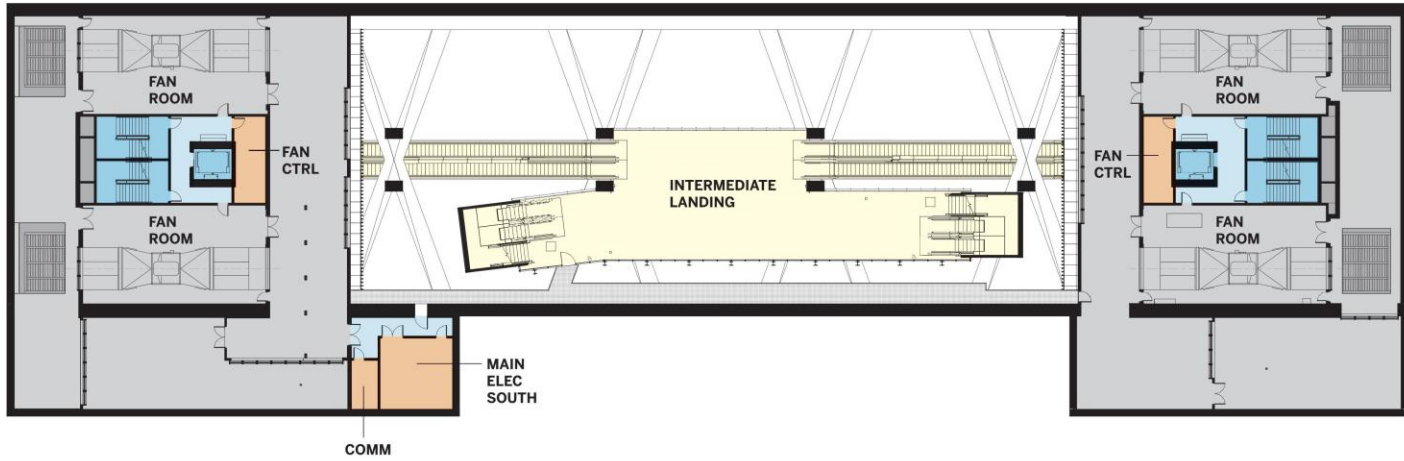


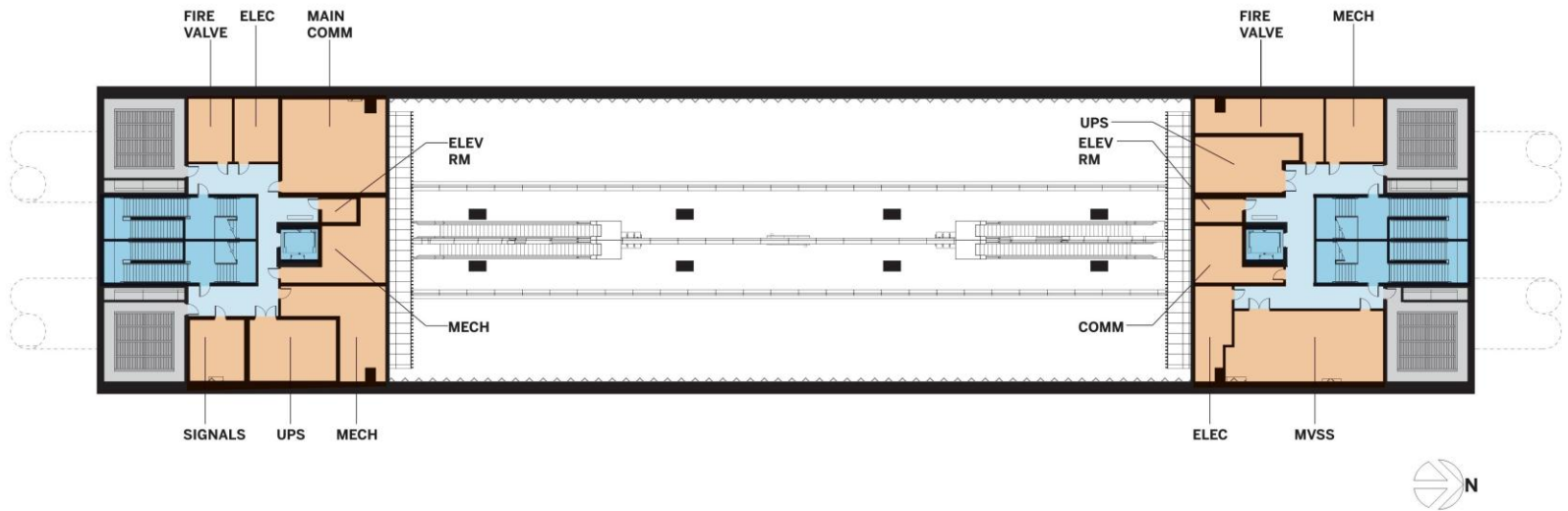


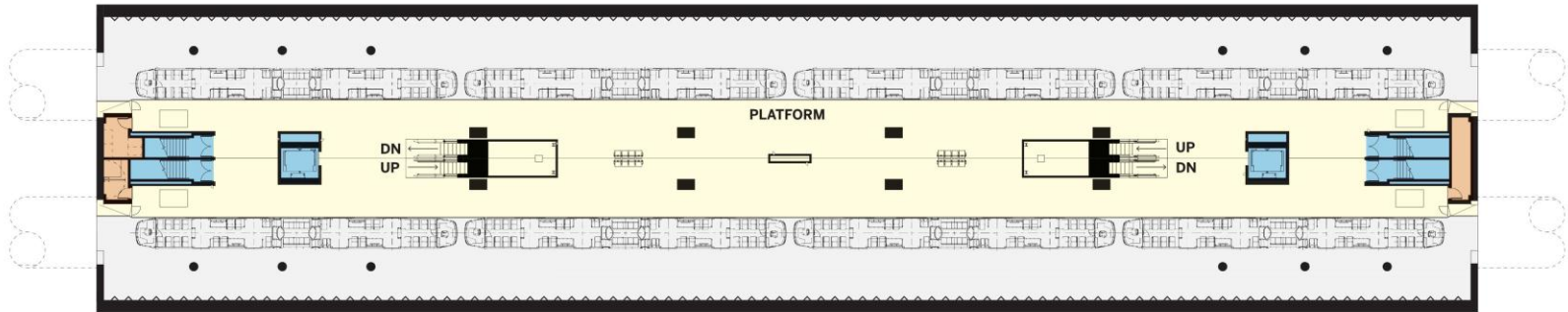
**Longitudinal Section**

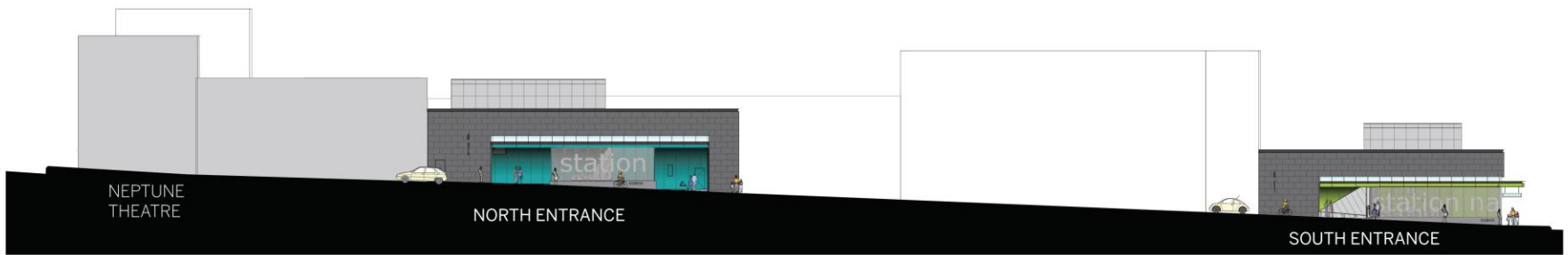












**Without Transit-Oriented Development**



**With Transit-Oriented Development**

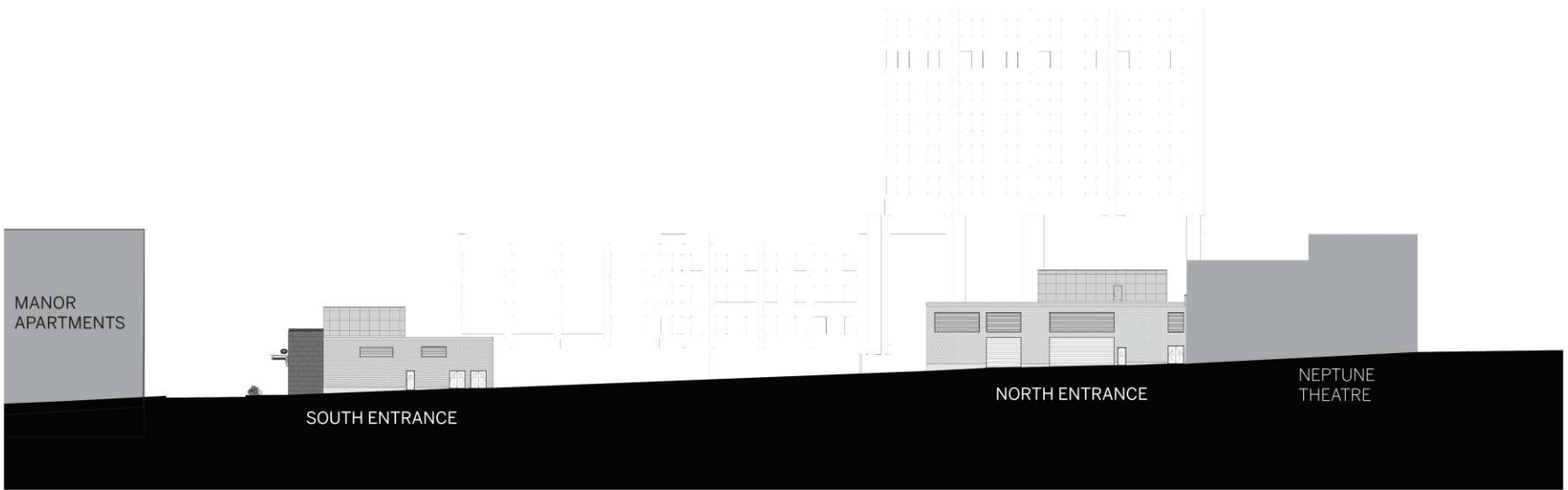


**Without Transit-Oriented Development**

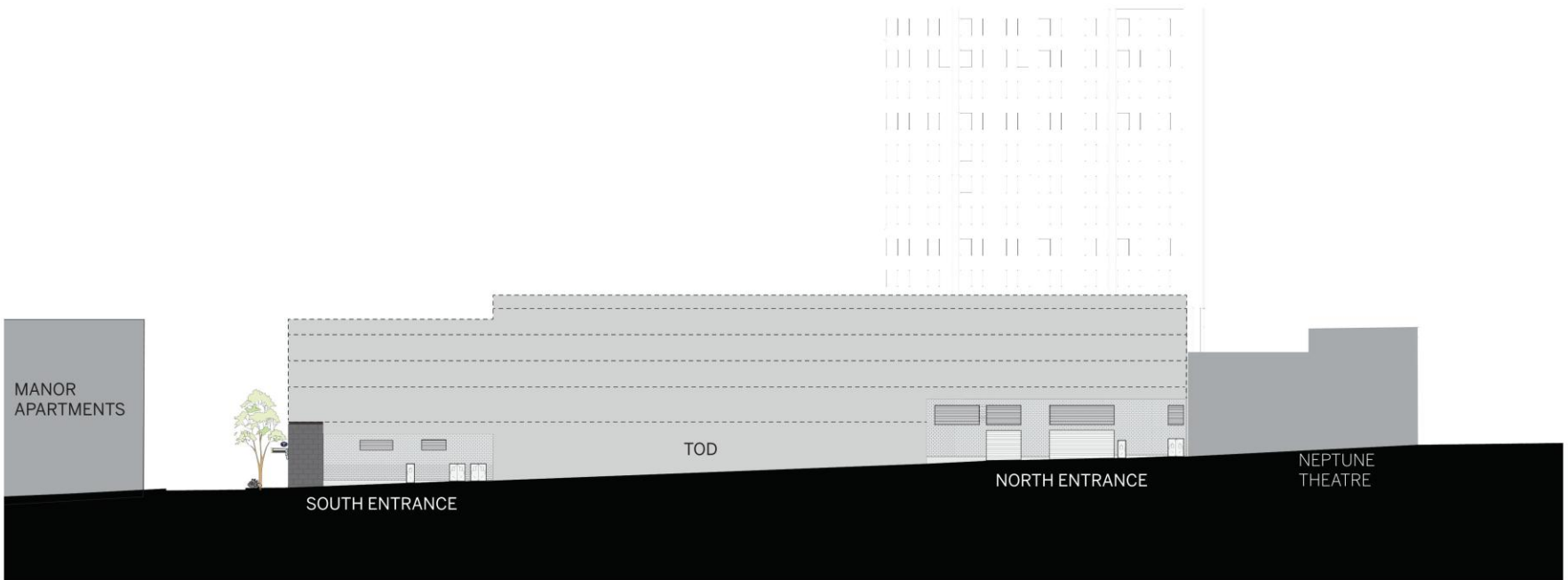


**With Transit-Oriented Development**

**South Elevation**



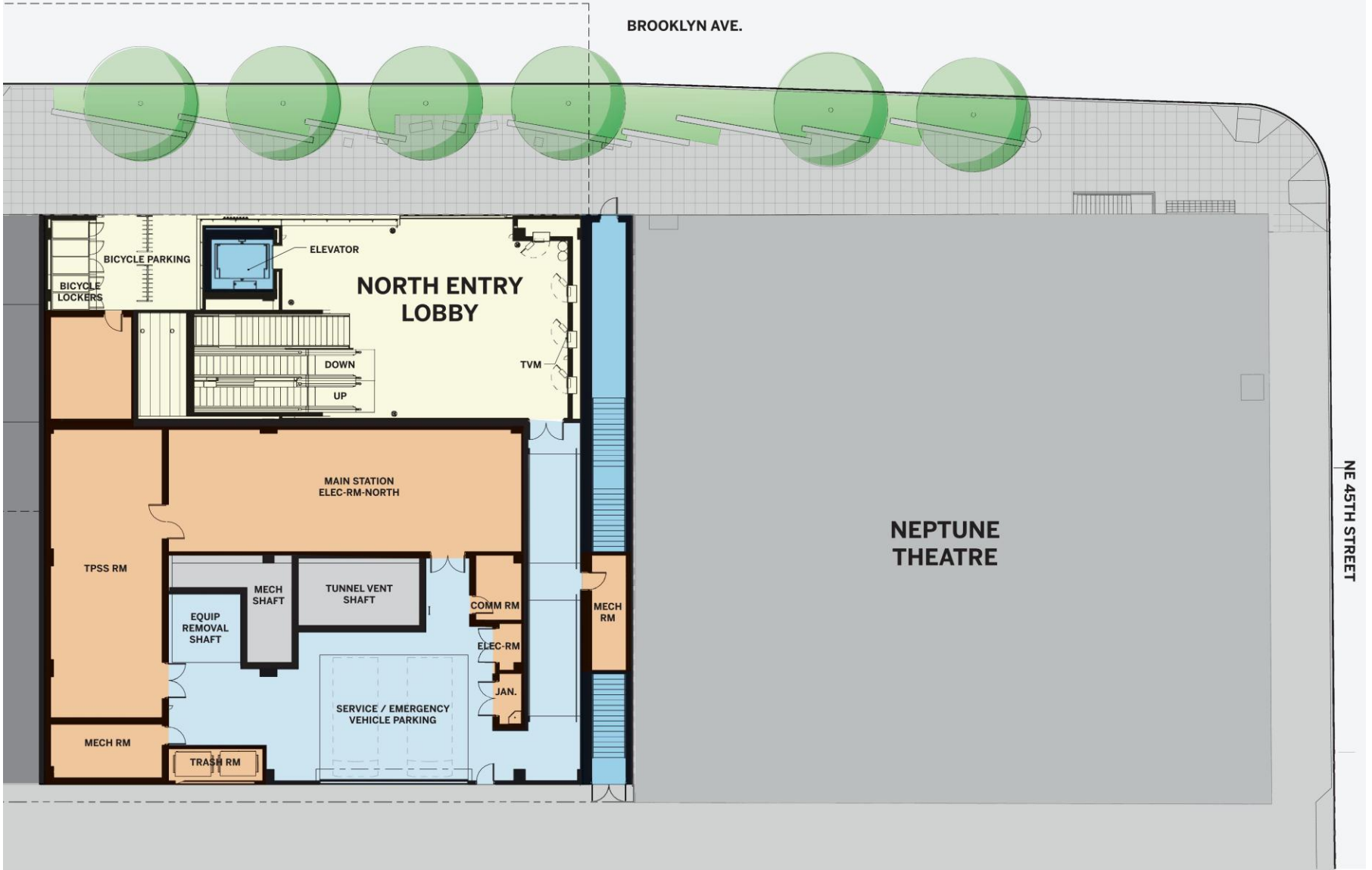
**Without Transit-Oriented Development**



**With Transit-Oriented Development**

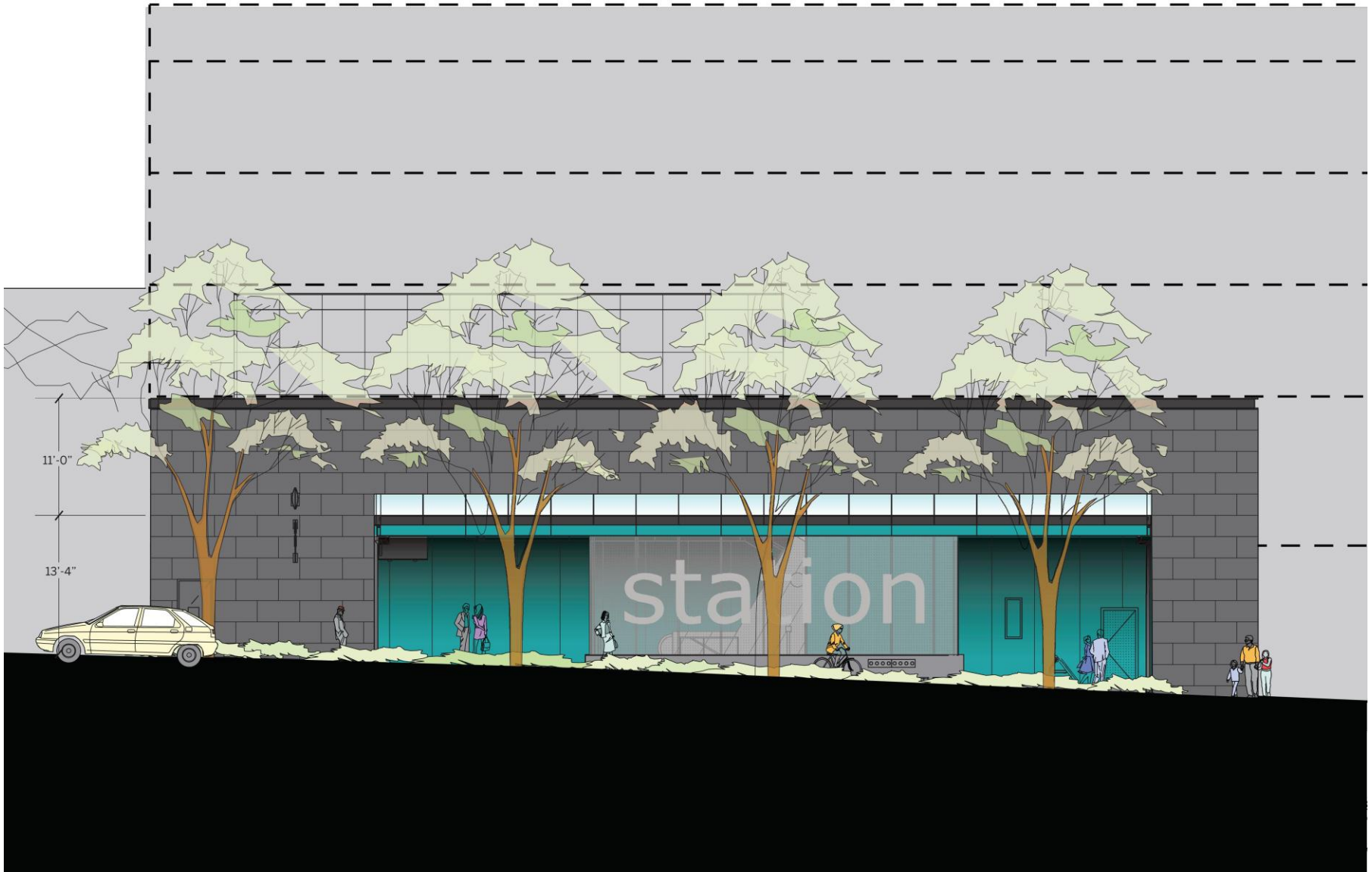
BROOKLYN AVE.

NE 45TH STREET

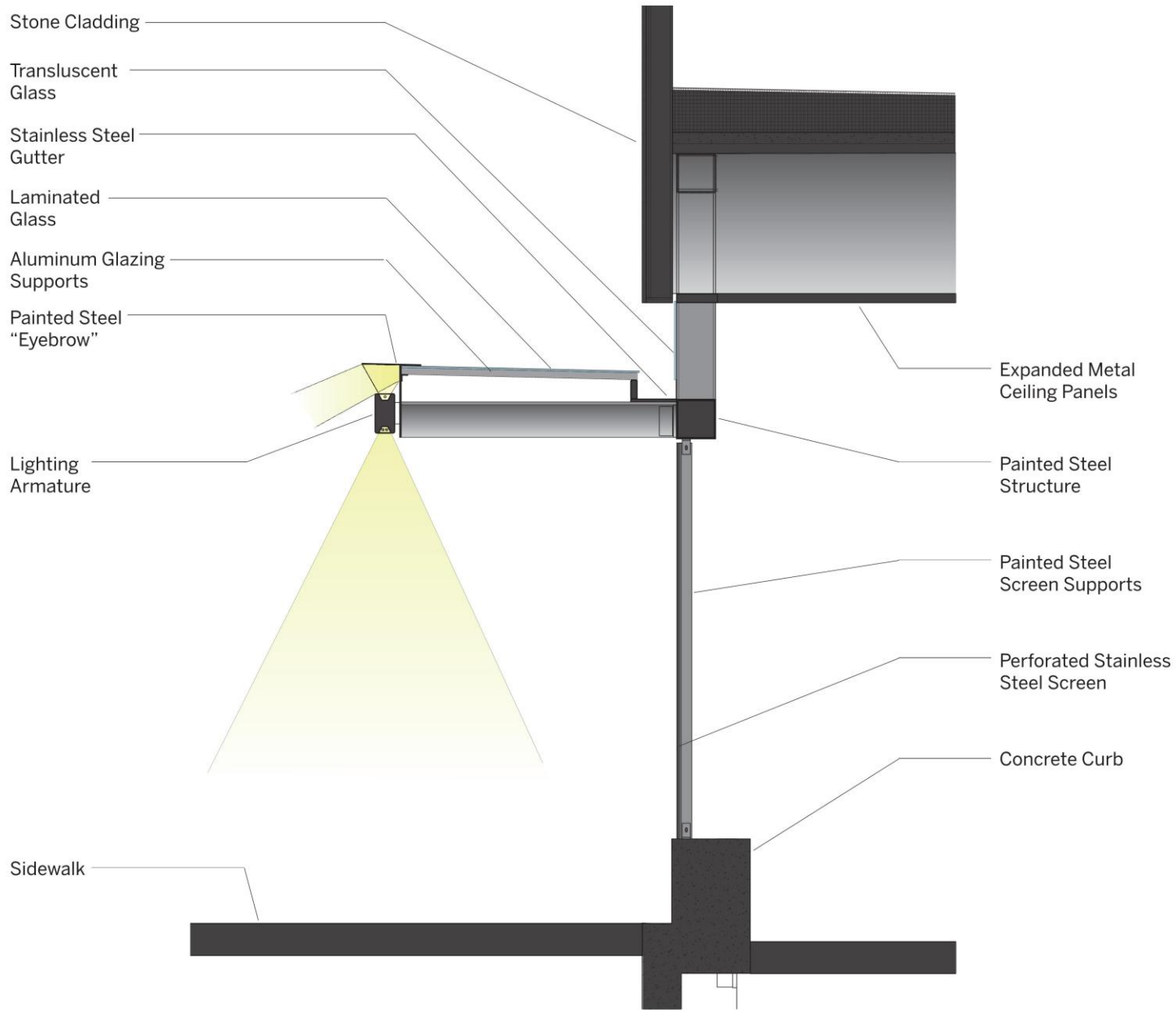




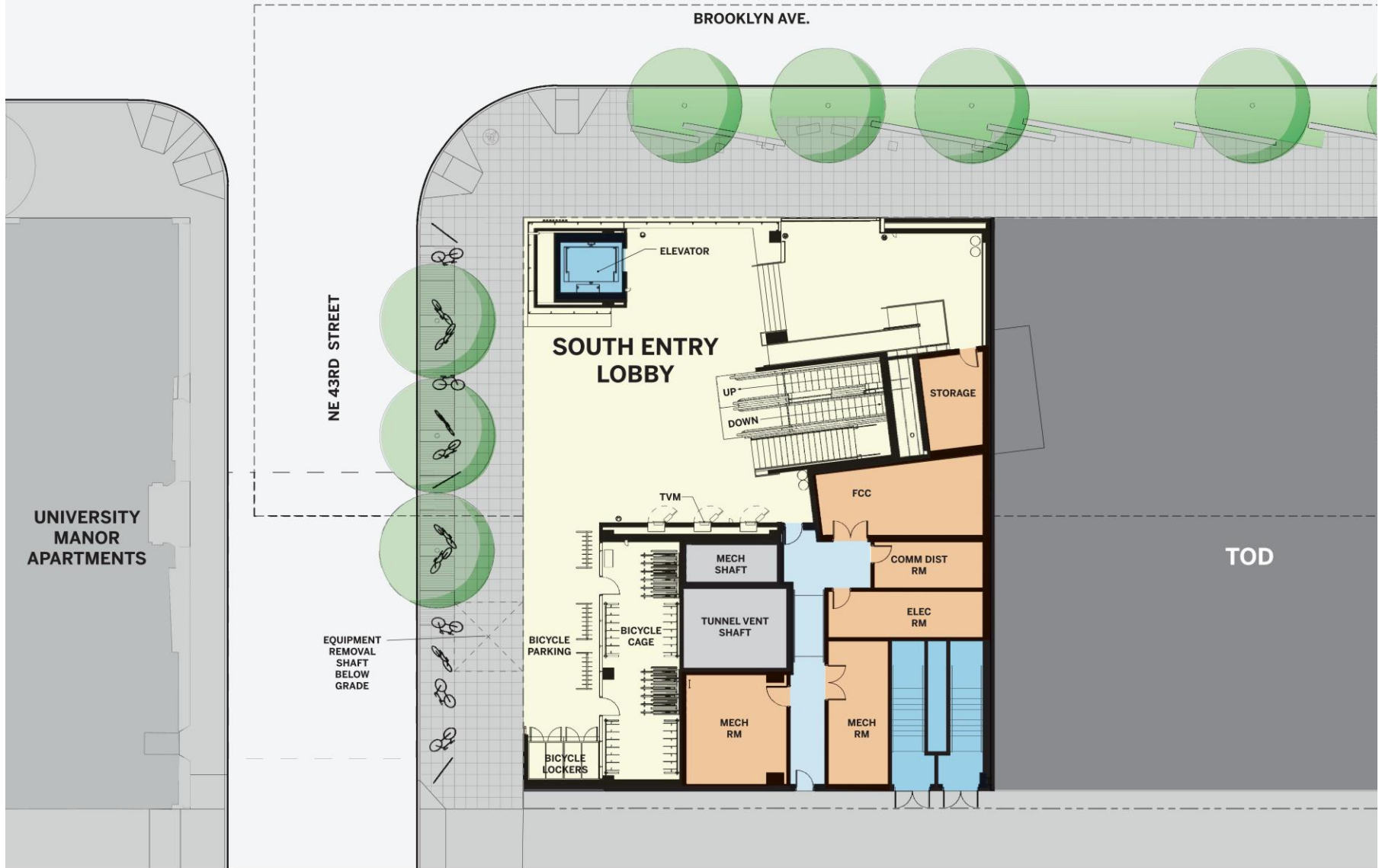






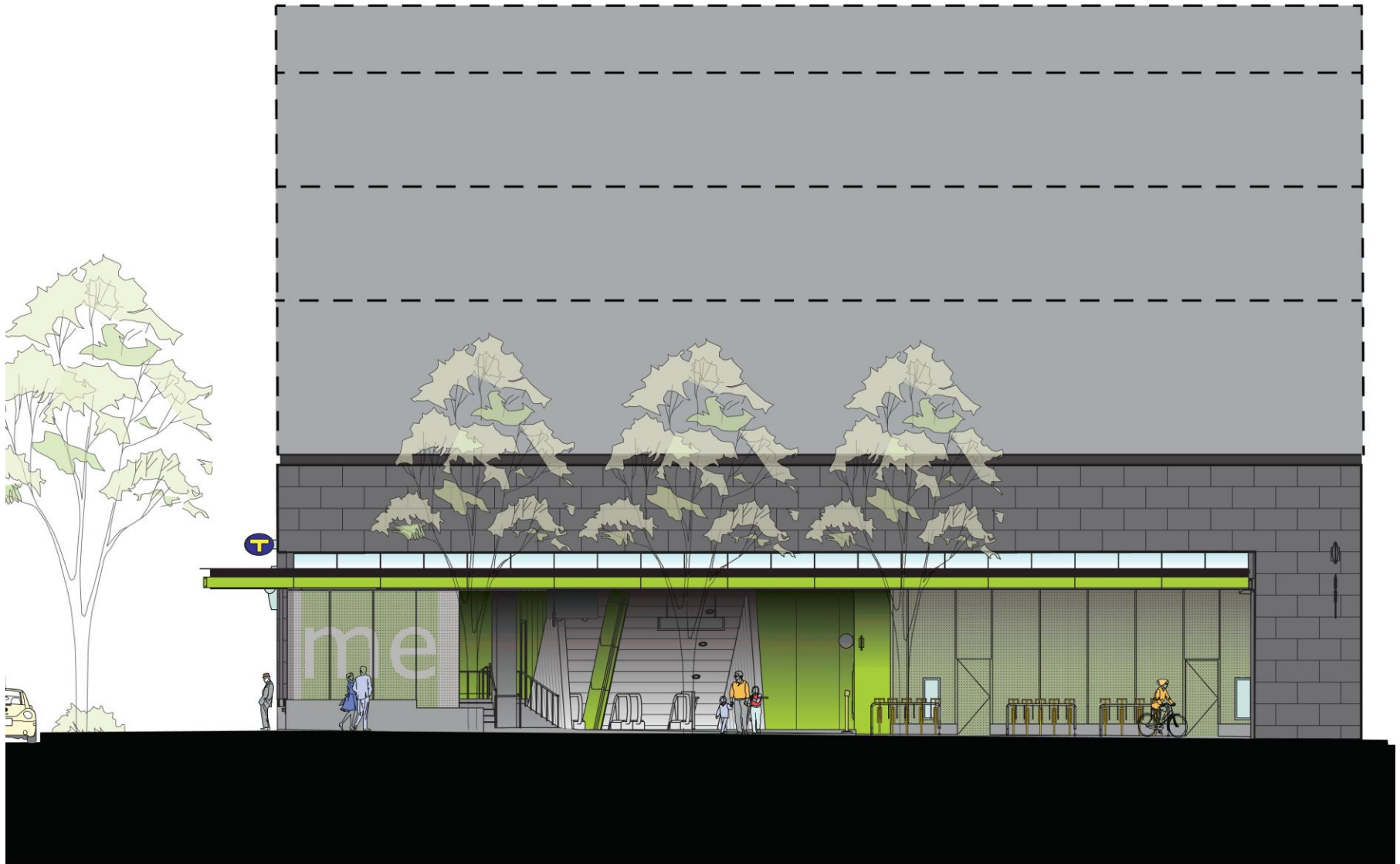








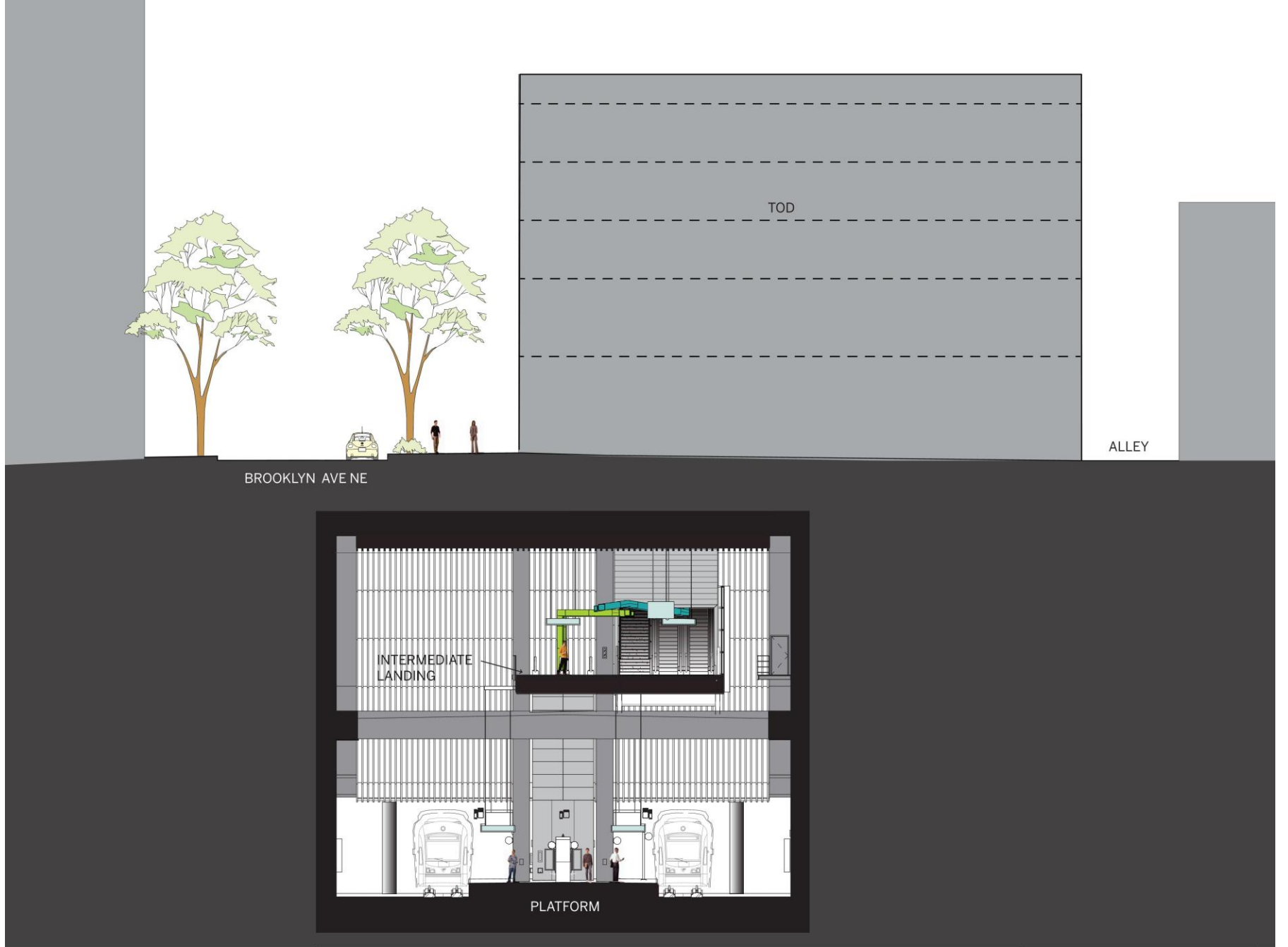




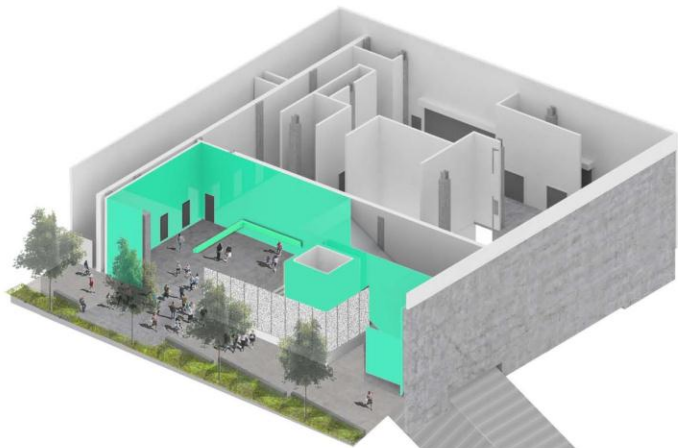




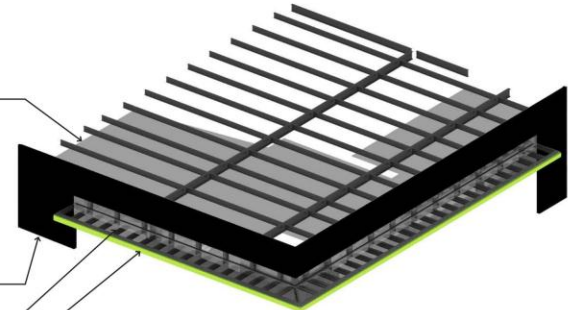








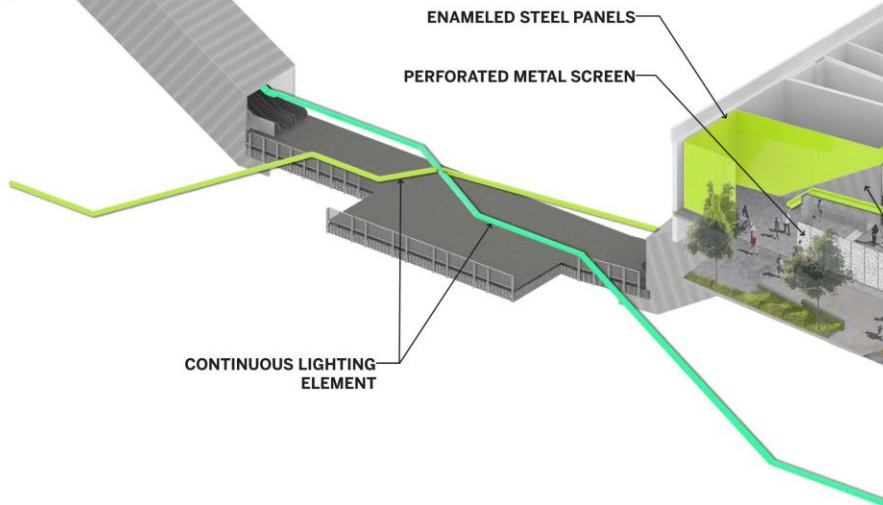
EXPANDED METAL CEILING



BLACK BASALT

STEEL & GLASS CANOPY

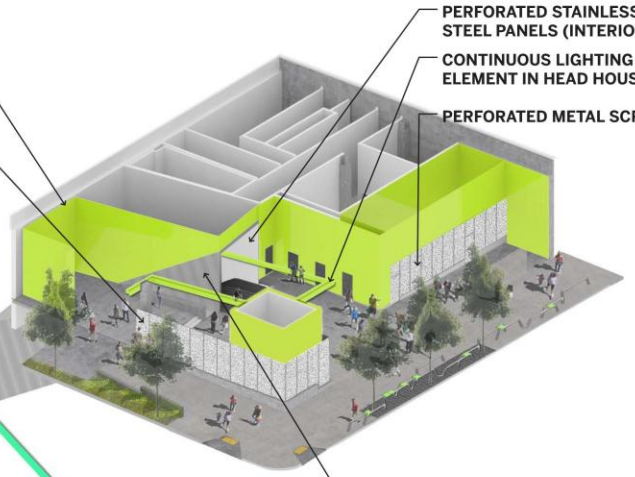
EXTERIOR LIGHTING STRIP



ENAMELED STEEL PANELS

PERFORATED METAL SCREEN

CONTINUOUS LIGHTING ELEMENT

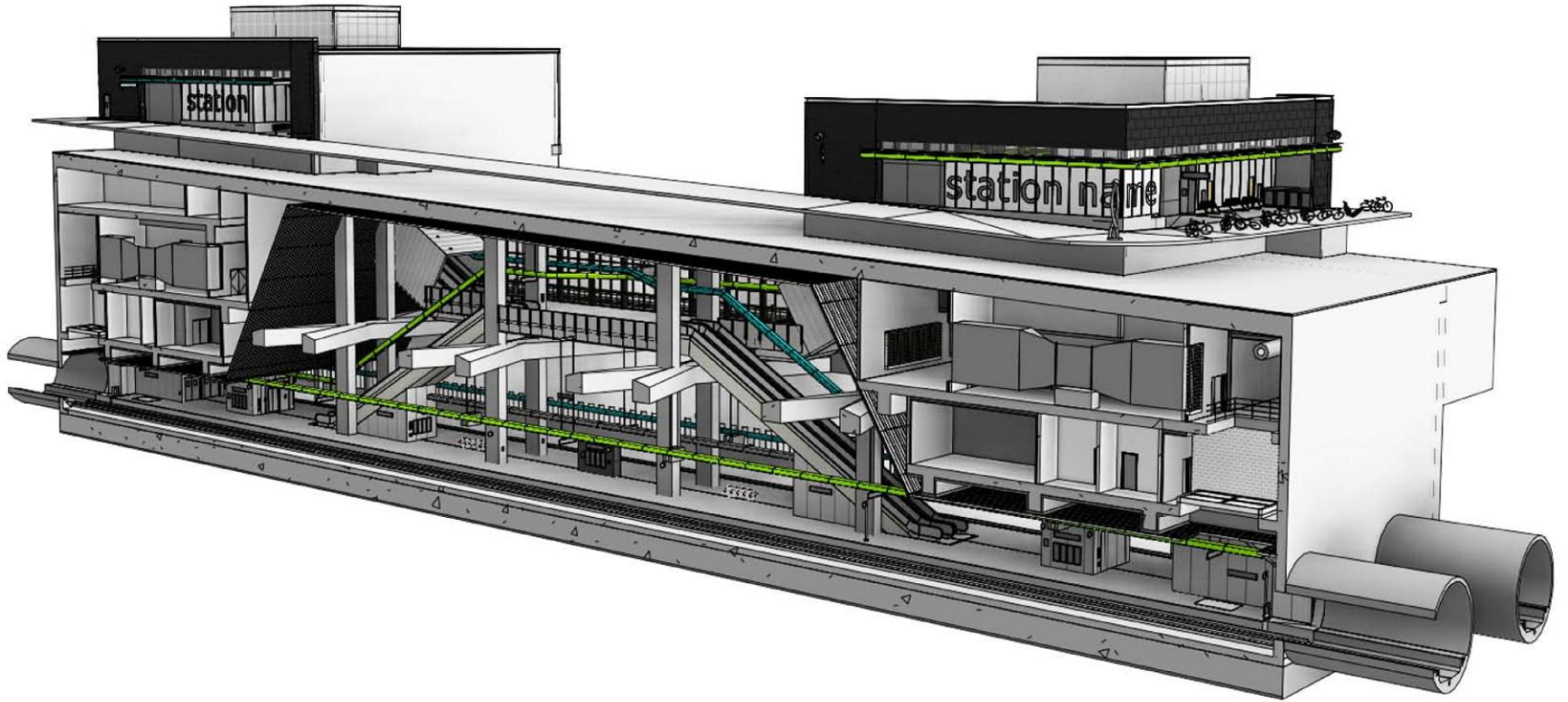


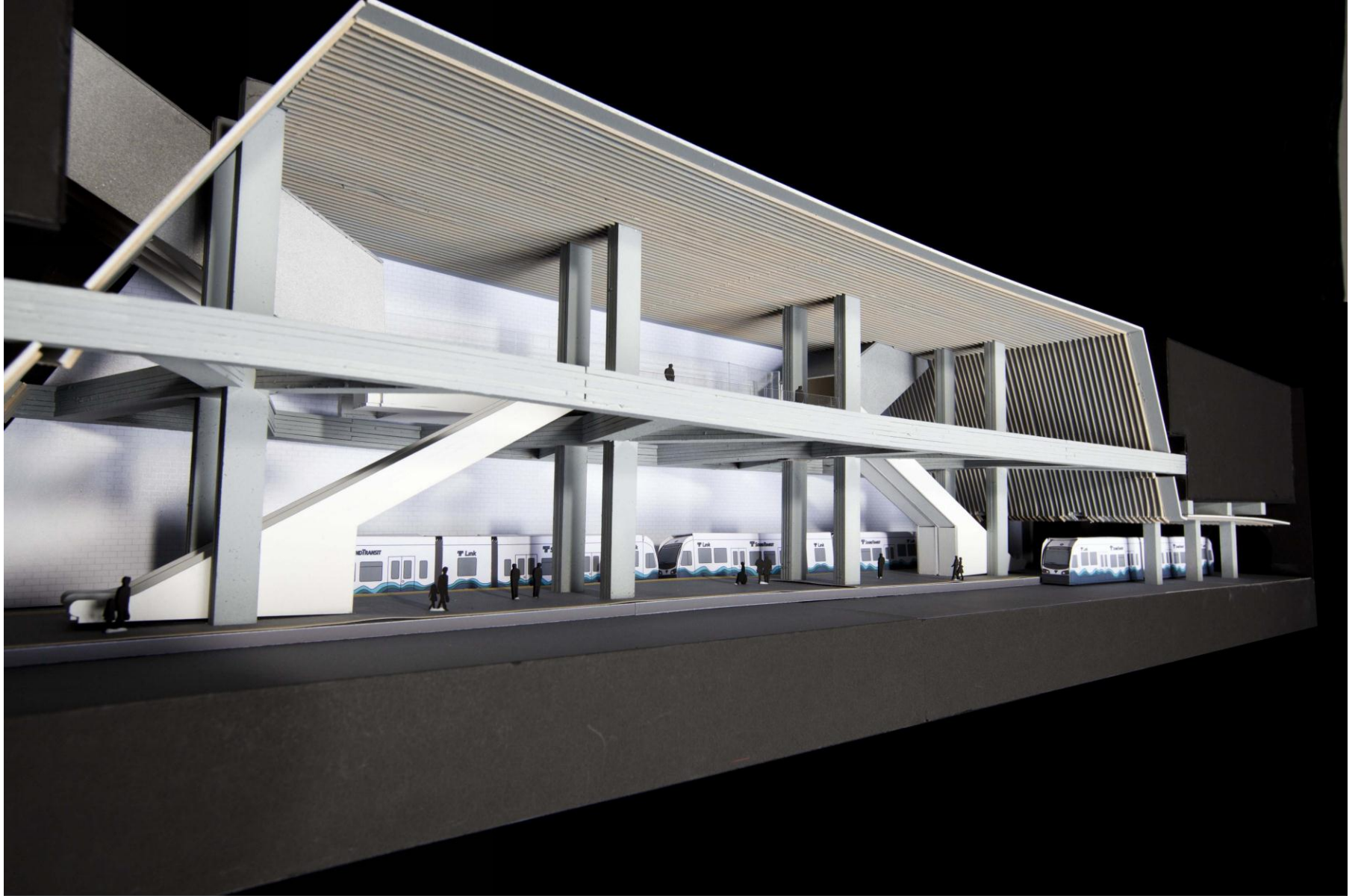
PERFORATED STAINLESS STEEL PANELS (INTERIOR)

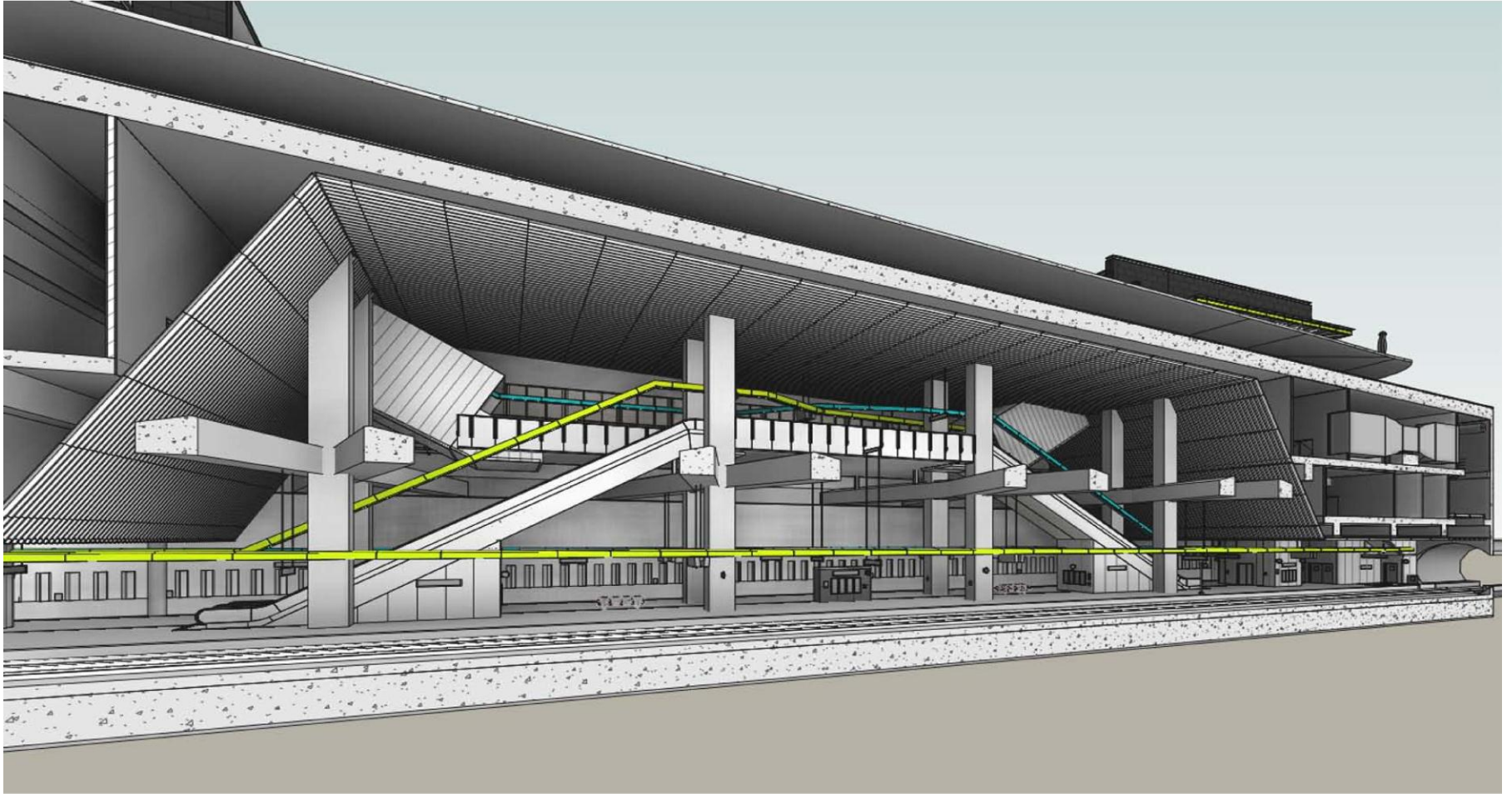
CONTINUOUS LIGHTING ELEMENT IN HEAD HOUSE

PERFORATED METAL SCREEN

STAINLESS STEEL PANELS















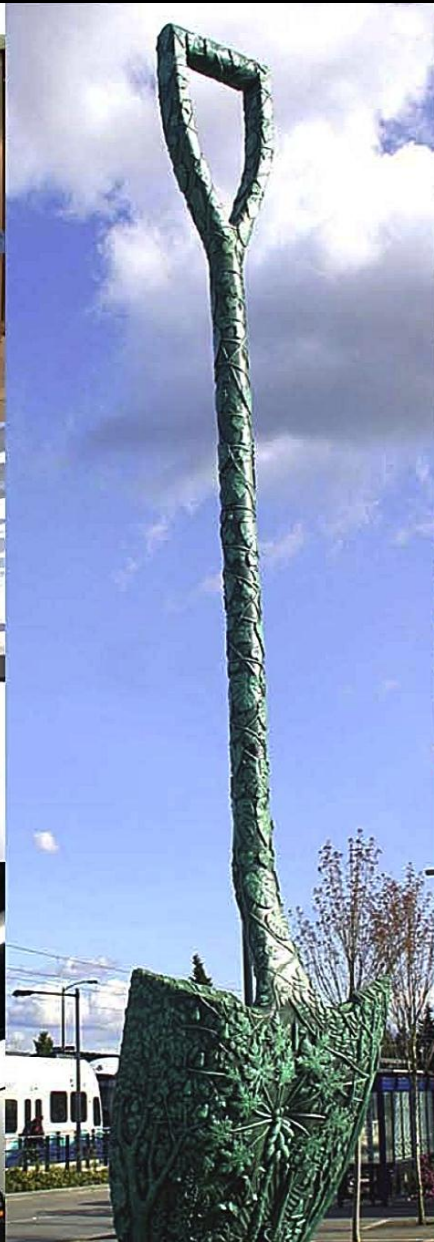
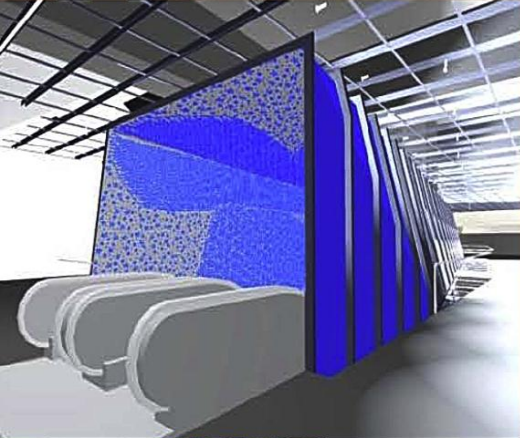








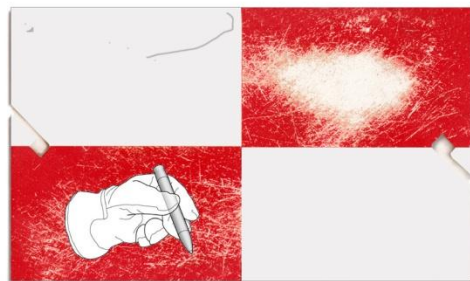
# STart (Sound Transit art program)





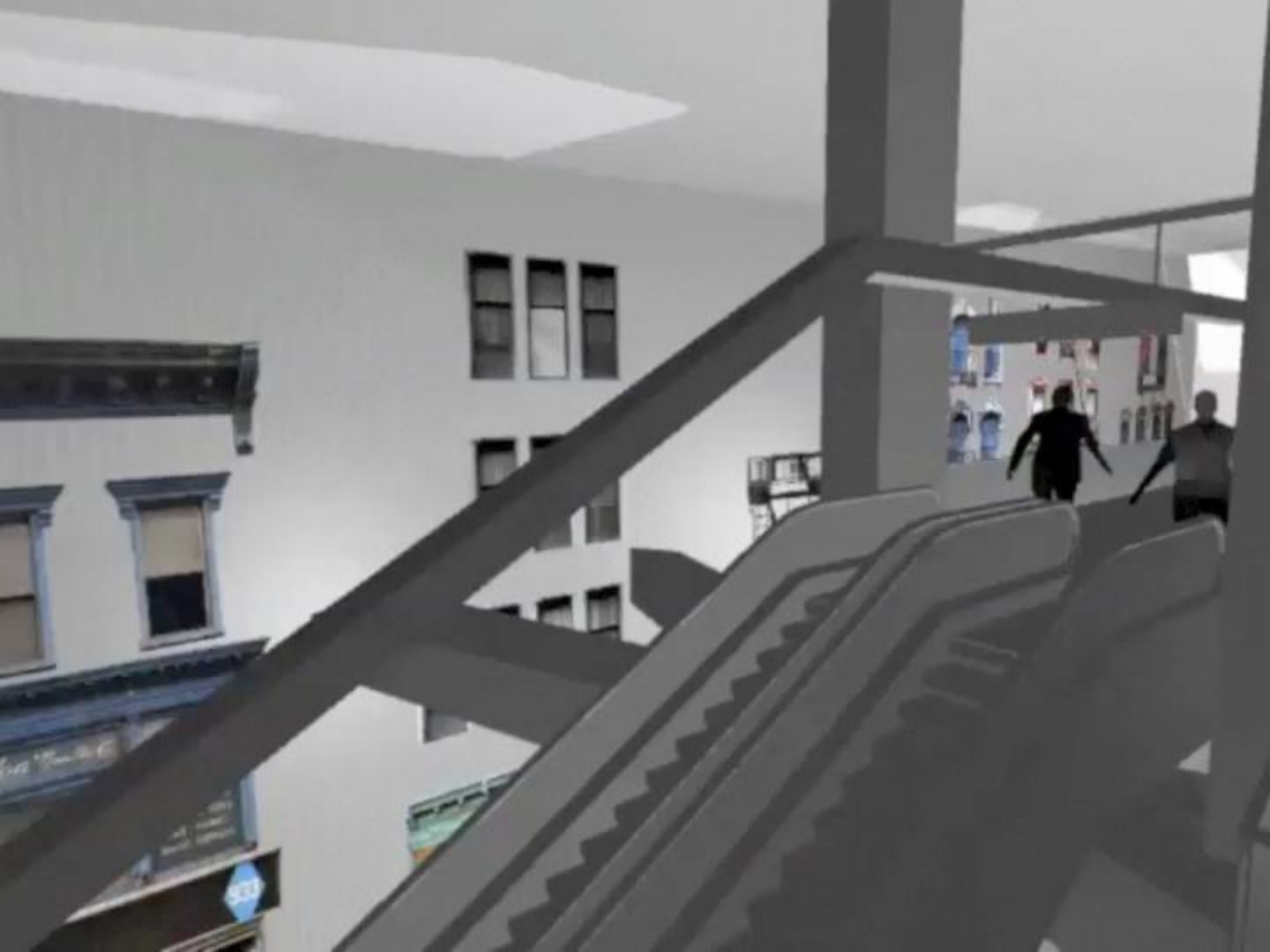
# Color TRANSPARENCY

Lead Pencil Studio - slide #1



THIS SIDE UP  
TOWARD SCREEN

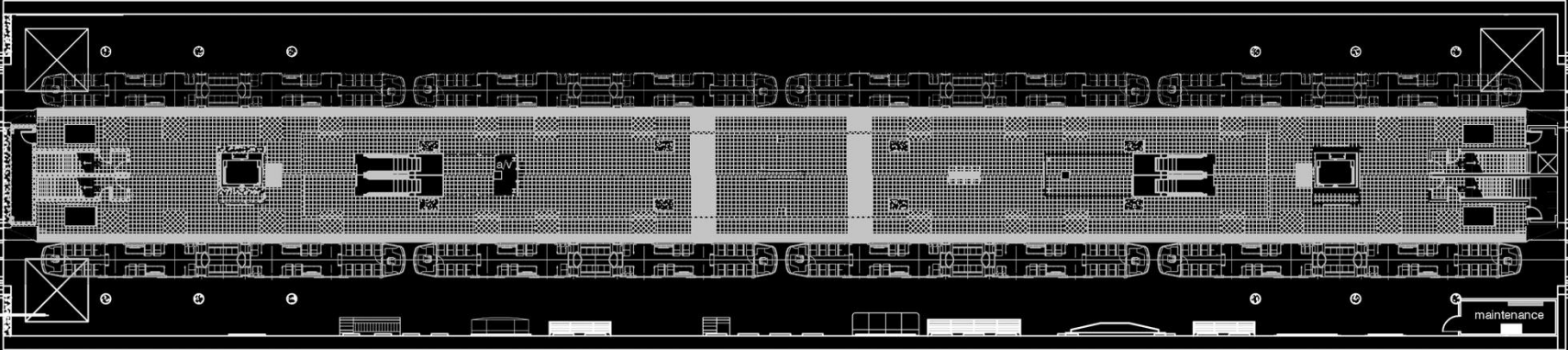


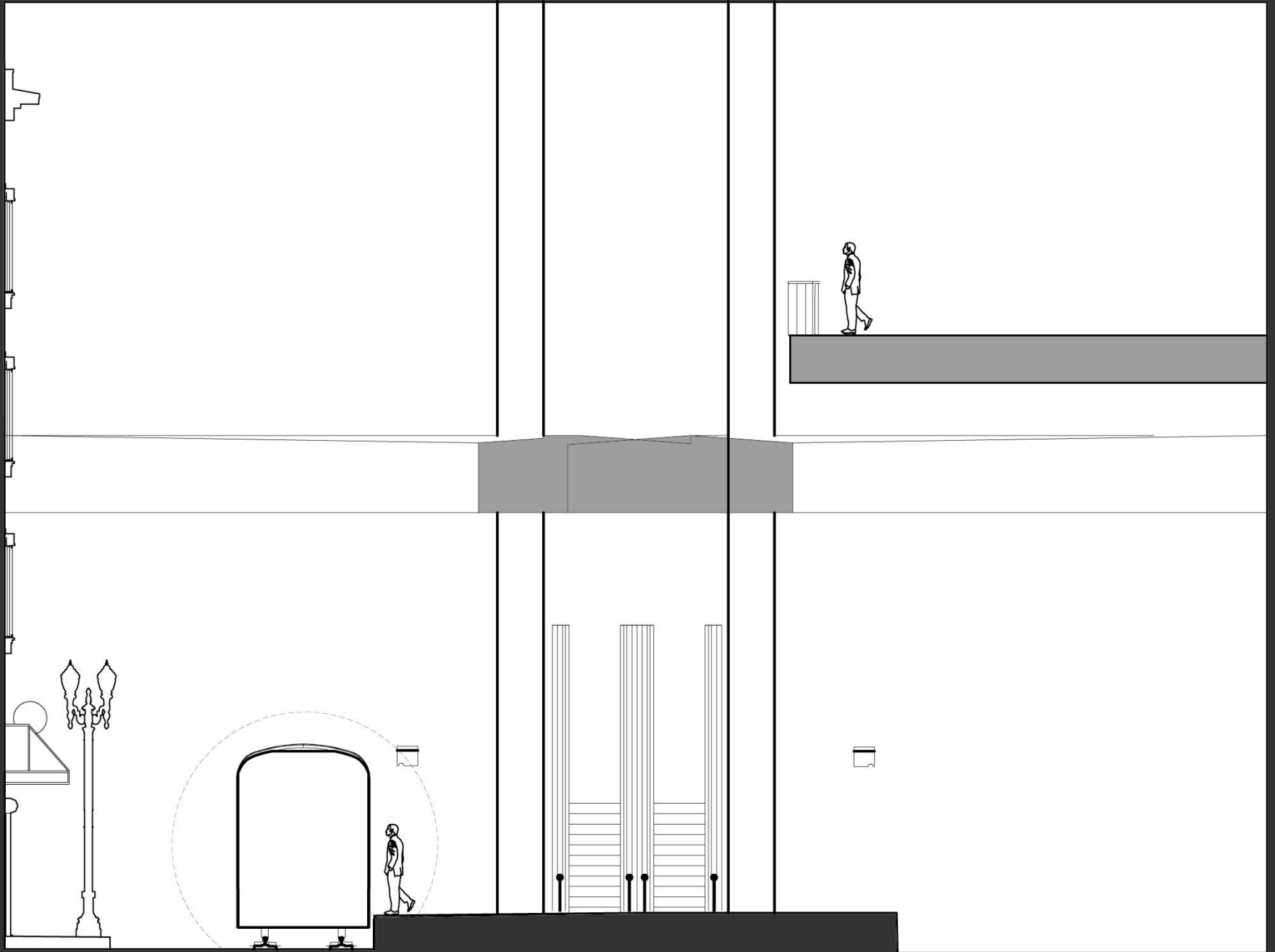


■ WINDOWS THAT HAVE VIDEO

□ Windows that are backlit

















50% NON-ARCHITECTURE



40% NON-BUILDING



AVG 33% REMAINS



40% OF CITY



BELIEVE  
TRUST YOUR INSTINCTS  
BELVEDERE

Van Wagner

HENNESSY  
DONE DIFFERENT

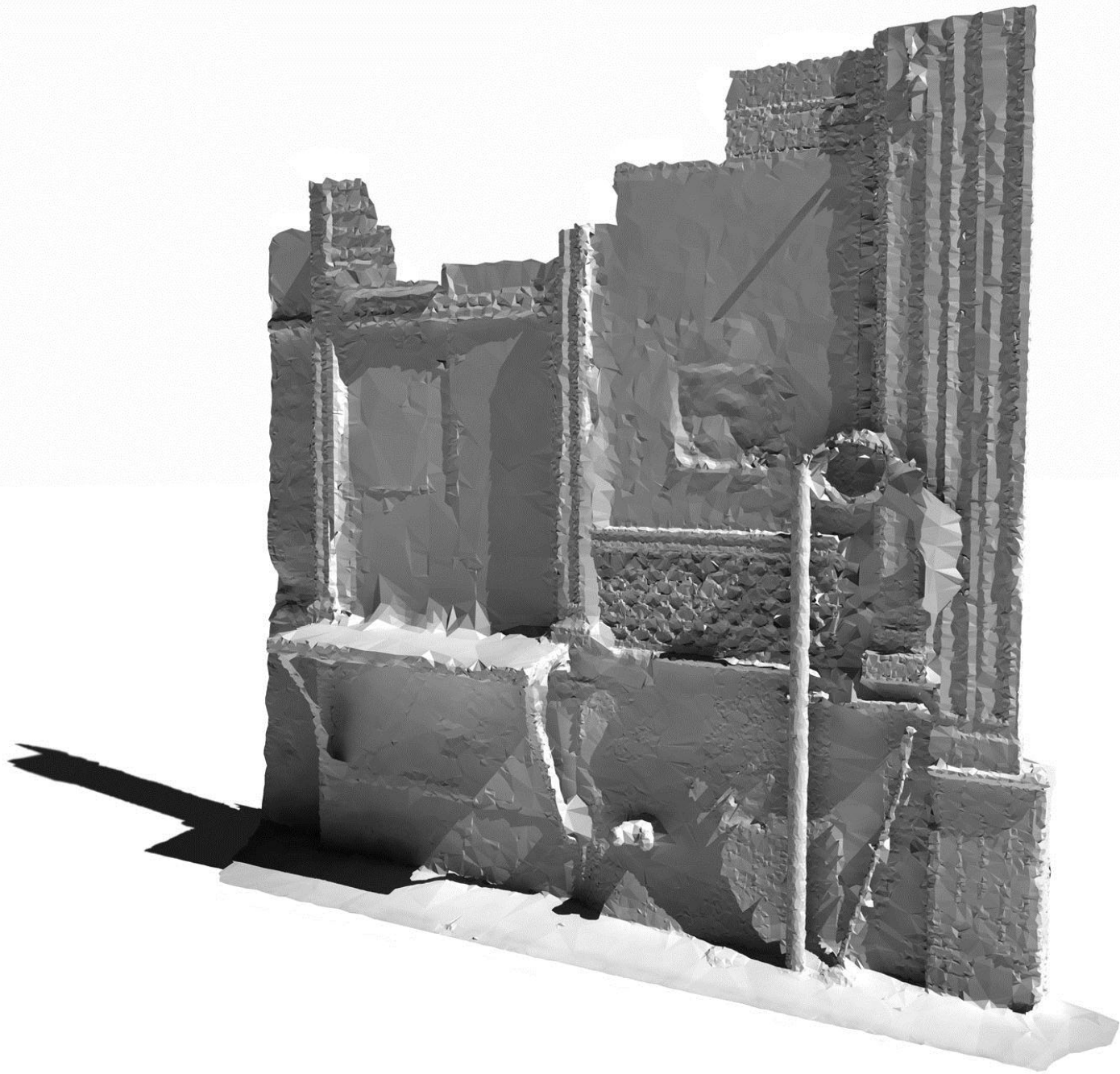
ALL VEHICLES  
WILL BE TOWED

PARK

PARK

PARK















BUNN

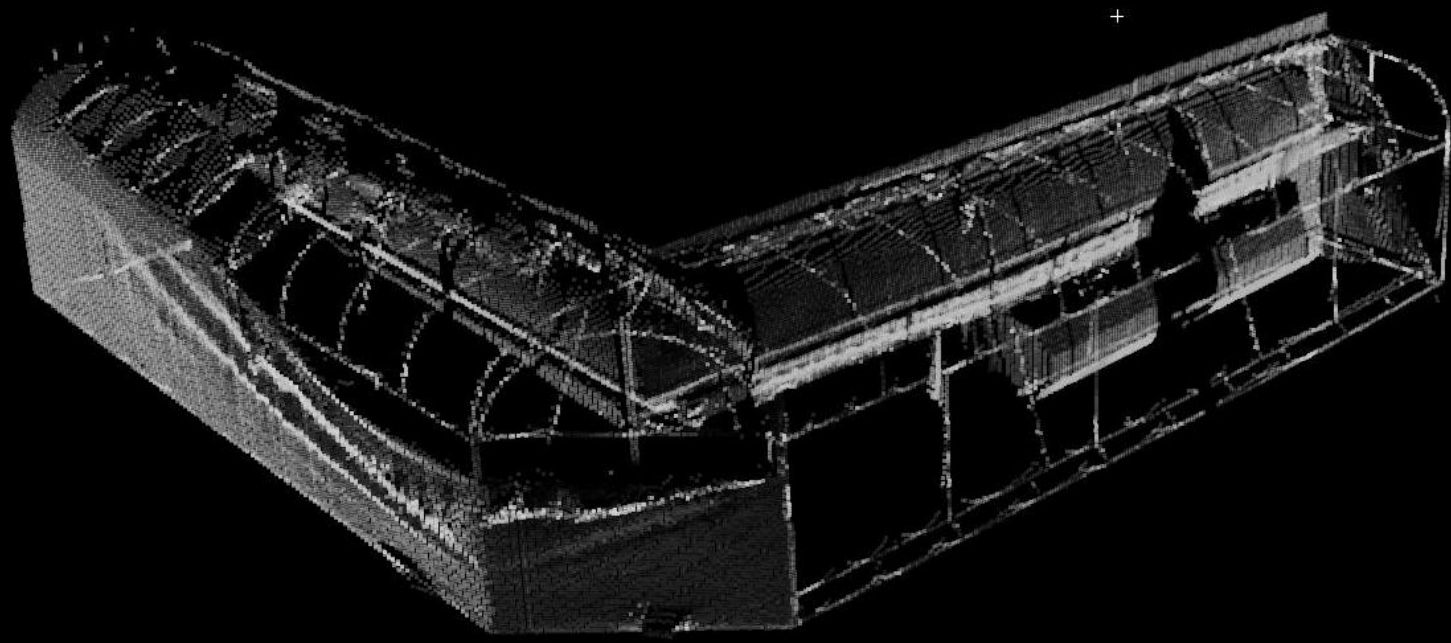
WARNING

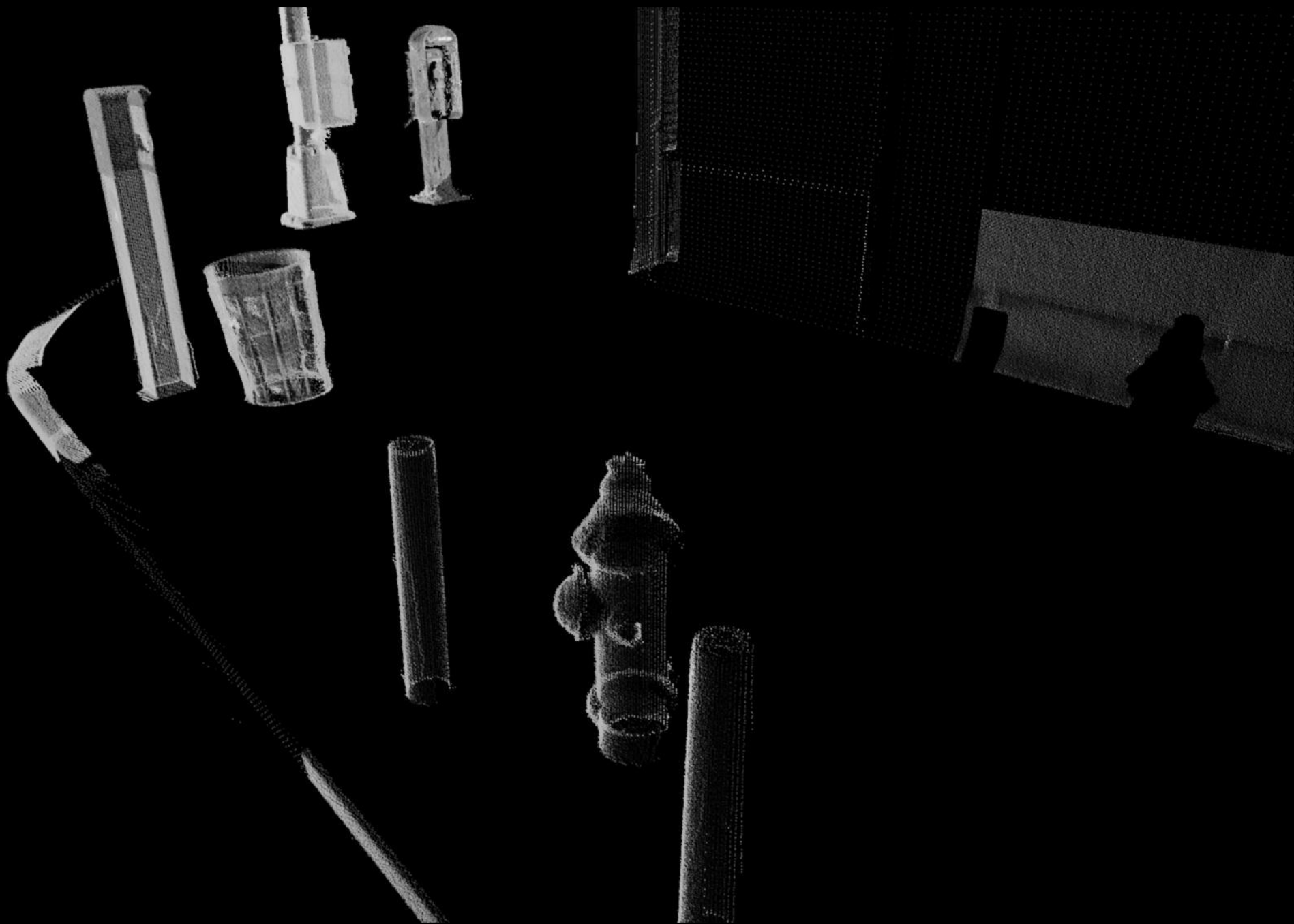
COFFEE LIGHTEN

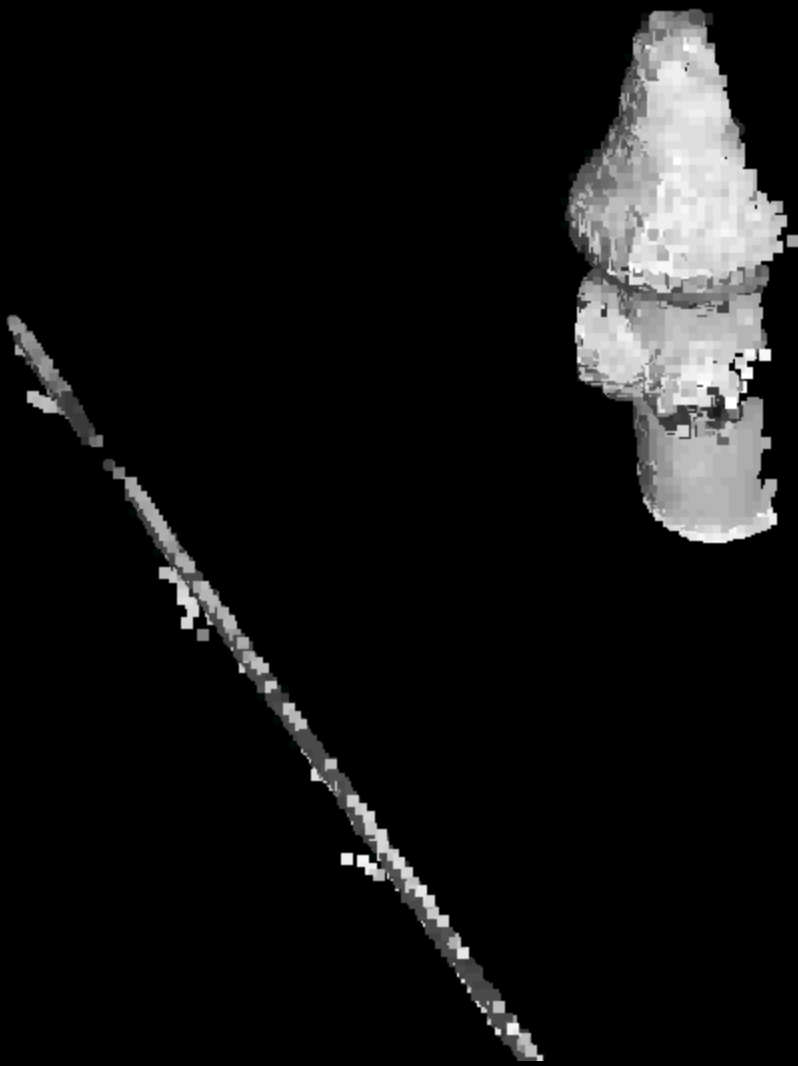
Label on drawer

Label on drawer













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220 & CELL INC.  
WED 212 260-8000  
33 CANA

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VIERA  
TC-PW6710  
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CLASSIC  
3D  
FULL HD

SHARP  
POP TV  
50  
50

P  
P  
METER  
TIME &







110 BURDEN



933

933

931  
BROADWAY

931  
BROADWAY

933

*Gordon Novelty Co.*

933

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82

# Salumeria Drogheria

CAPITTA



65

63

NOCI  
MAGGIO 2012

PROSCIUTTO  
CRUDO PARMA  
€195

PIRATTECI FIO  
STORIE O BIRAGGI,  
ESQUISITI IN CIALDA  
PER LA VOSTRA TORTA

LEVONI

LEVONI

LEVONI

CAFFÈ  
BICAZZ  
CASA  
P. 102







# Questions?

