

Brooklyn Station Open House

January 27, 2011

6:00 – 8:00 p.m.



Tonight's Agenda

- 6:00 p.m. - Open House
- 6:30 p.m. – Presentation
 - **Welcome/introductions** – Ron Endlich, North Link Deputy Project Director
 - **North Link overview**
 - **Brooklyn Station design options**
 - **Decision process/next steps**
 - **Questions & answers**
 - **Get involved/stay informed**
- 7:30 p.m. - Return to Open House
- 8:00 p.m. - Close



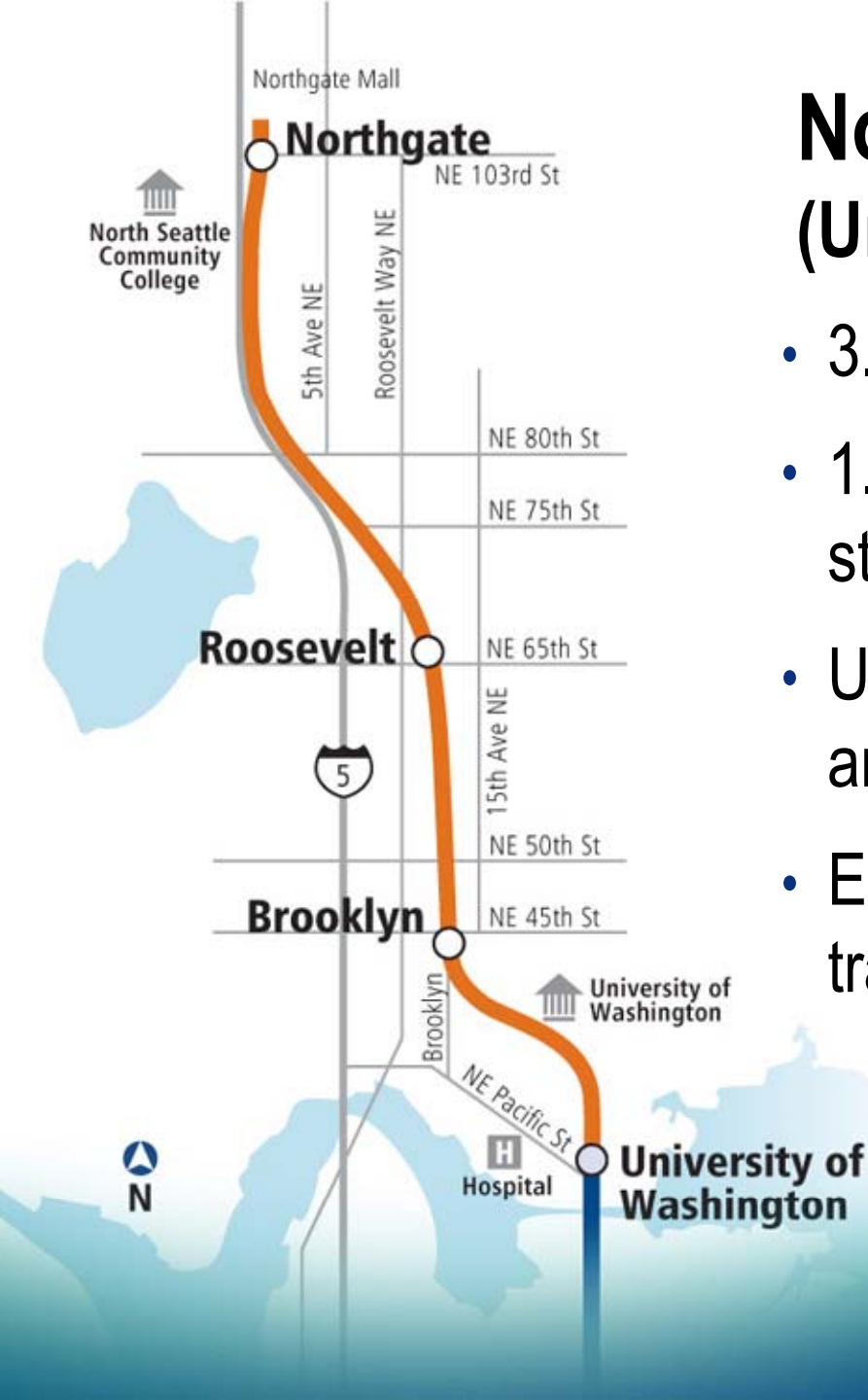


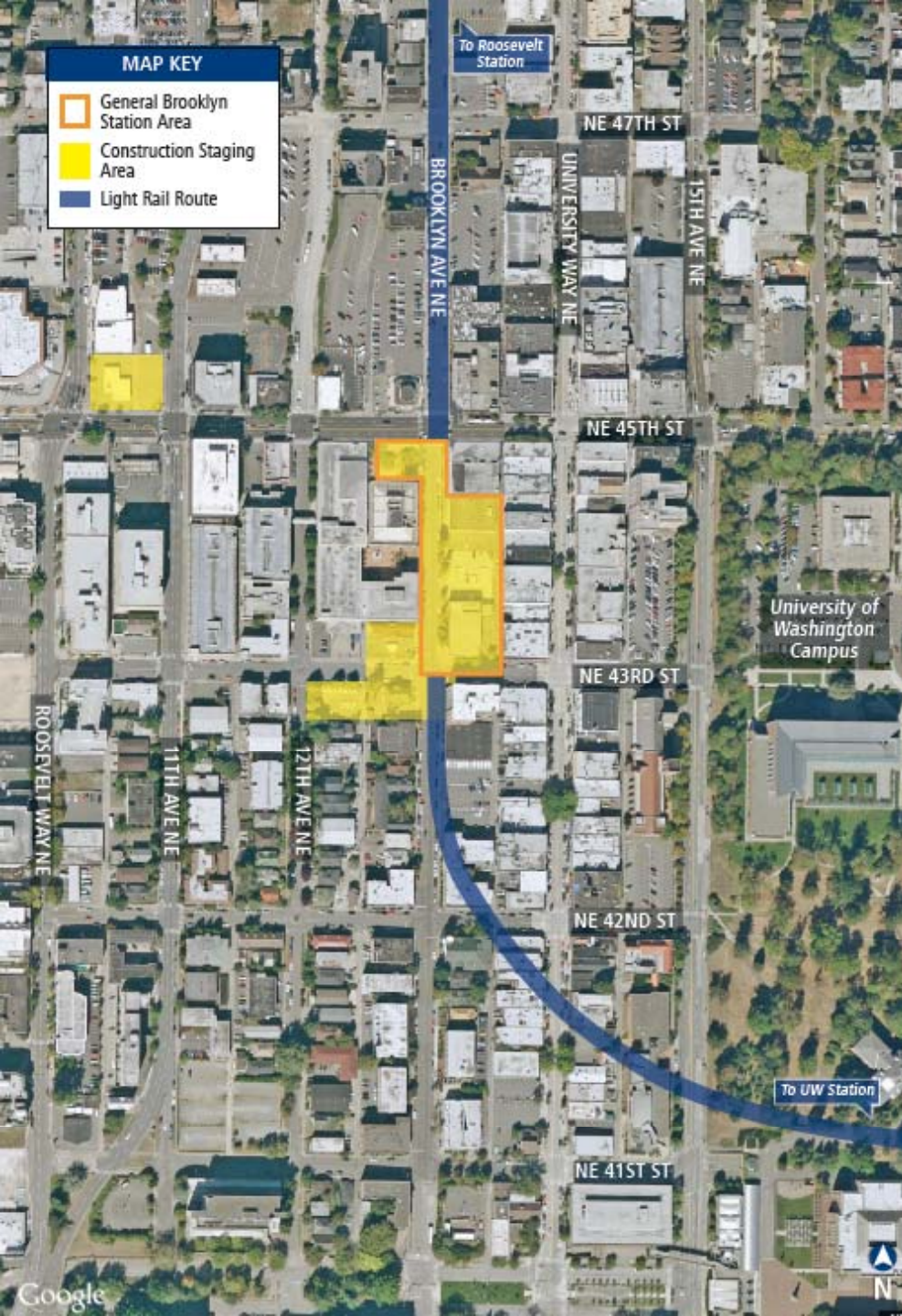
Link Light Rail System

- 16 miles of light rail with 13 stations currently in service
- University Link under construction; opens 2016
- ST2 Plan funded extensions to Overlake, Federal Way, and Lynnwood
- 54 mile system

North Link Overview (University District to Northgate)

- 3.3 miles of twin-bored tunnels
- 1.0 miles at-grade and elevated structures from NE 85th to Northgate
- Underground stations at Brooklyn and Roosevelt
- Elevated station at Northgate – near transit center





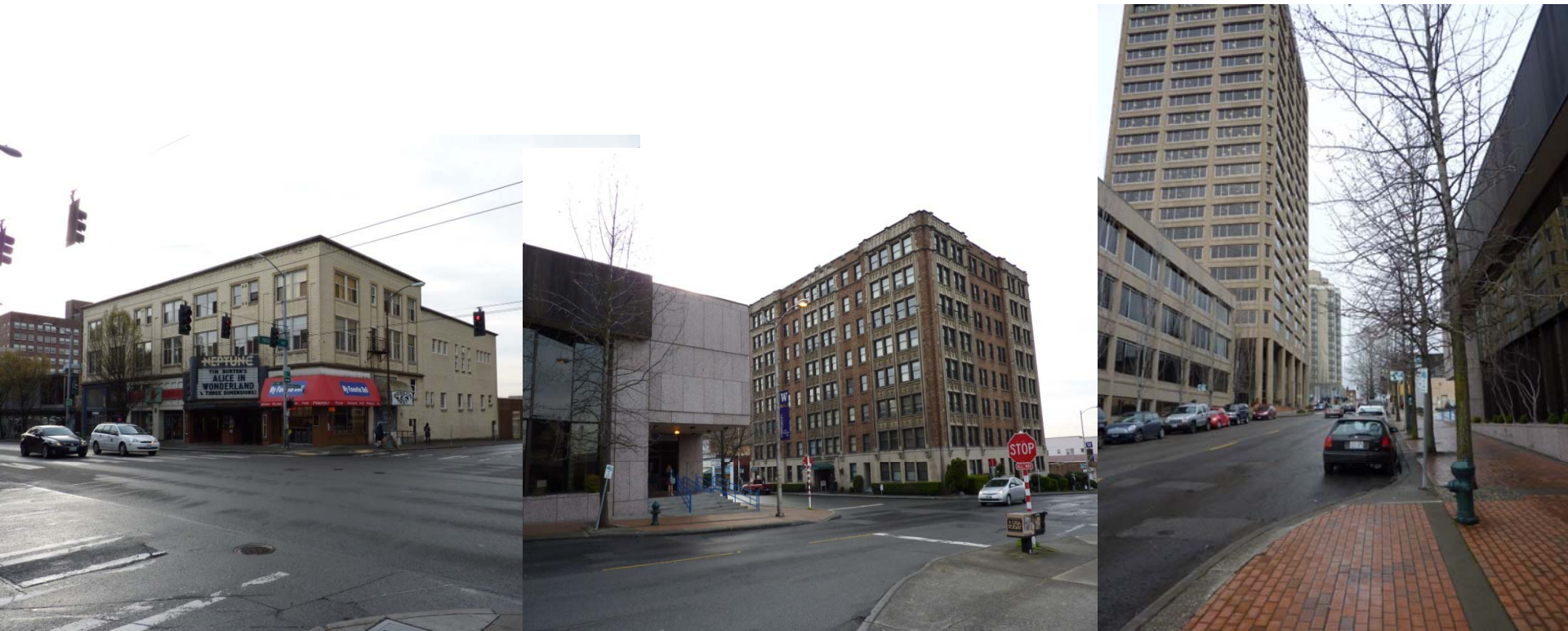
Brooklyn Station

Current Status:

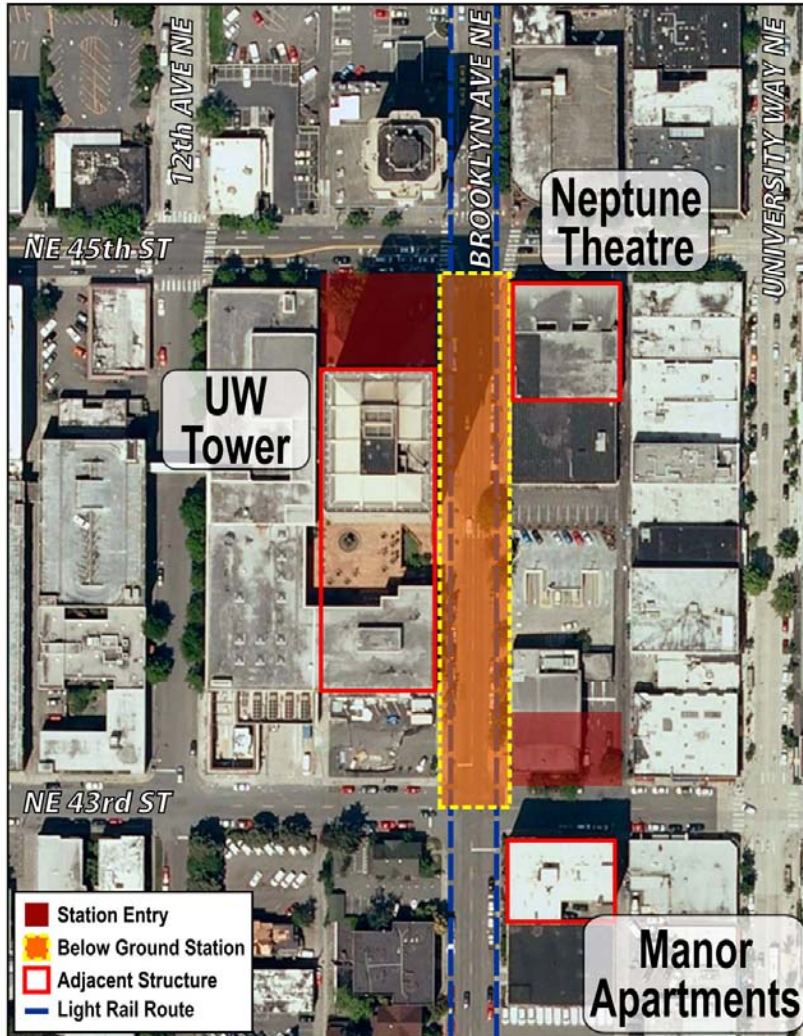
- Station platform is 75-85 feet below ground
- Property acquisition underway
- Geo-tech drilling underway
- Two options being considered:
 - in-street
 - shifted east of UW Tower

Brooklyn Station Vicinity

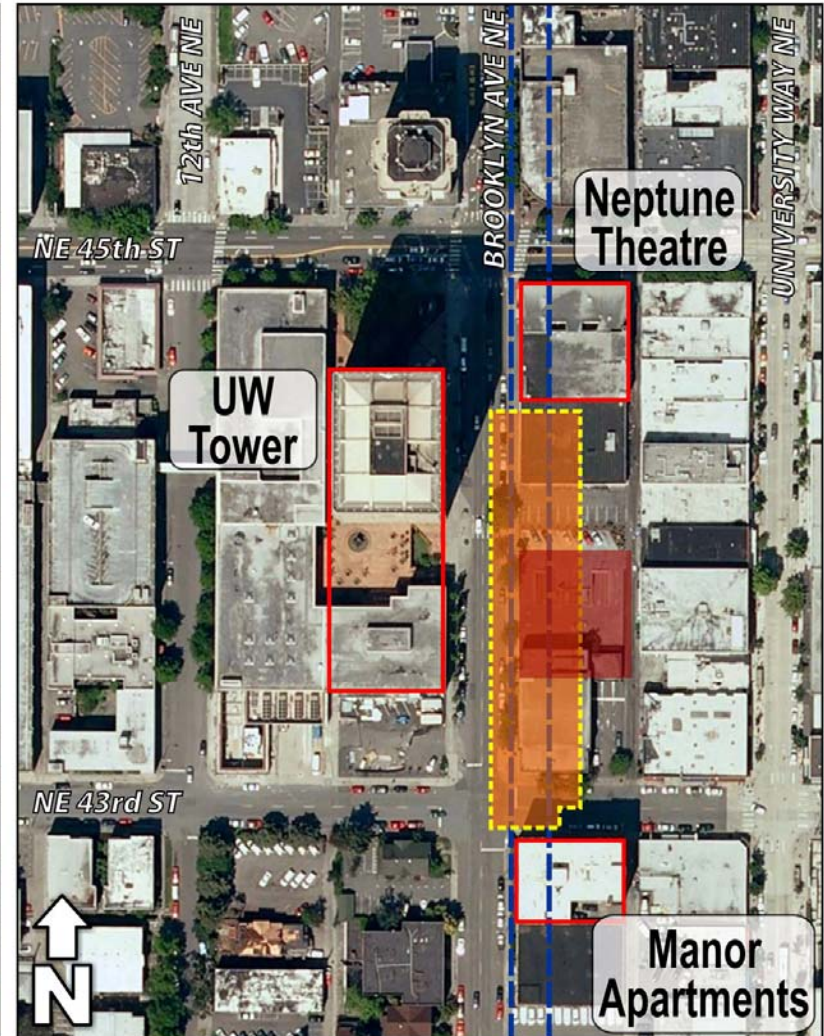
- Constrained site; challenging station excavation near UW Tower, Neptune Theatre and University Manor Apartments
- Evaluation of two design options underway:
 - original station design concept has been improved
 - alternative design concept has also been developed



Brooklyn Station Options

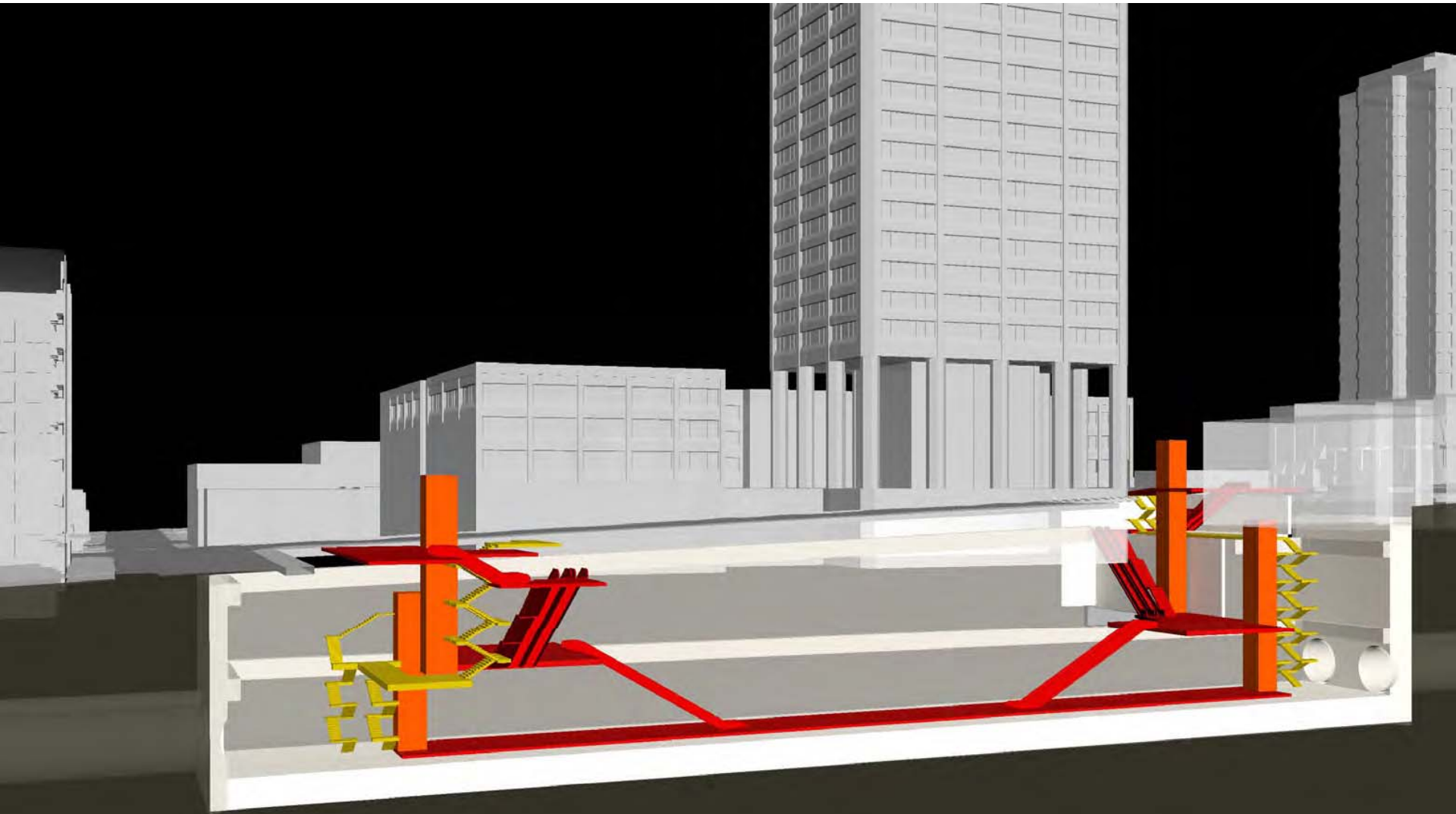


Option 1 (Modified PE)

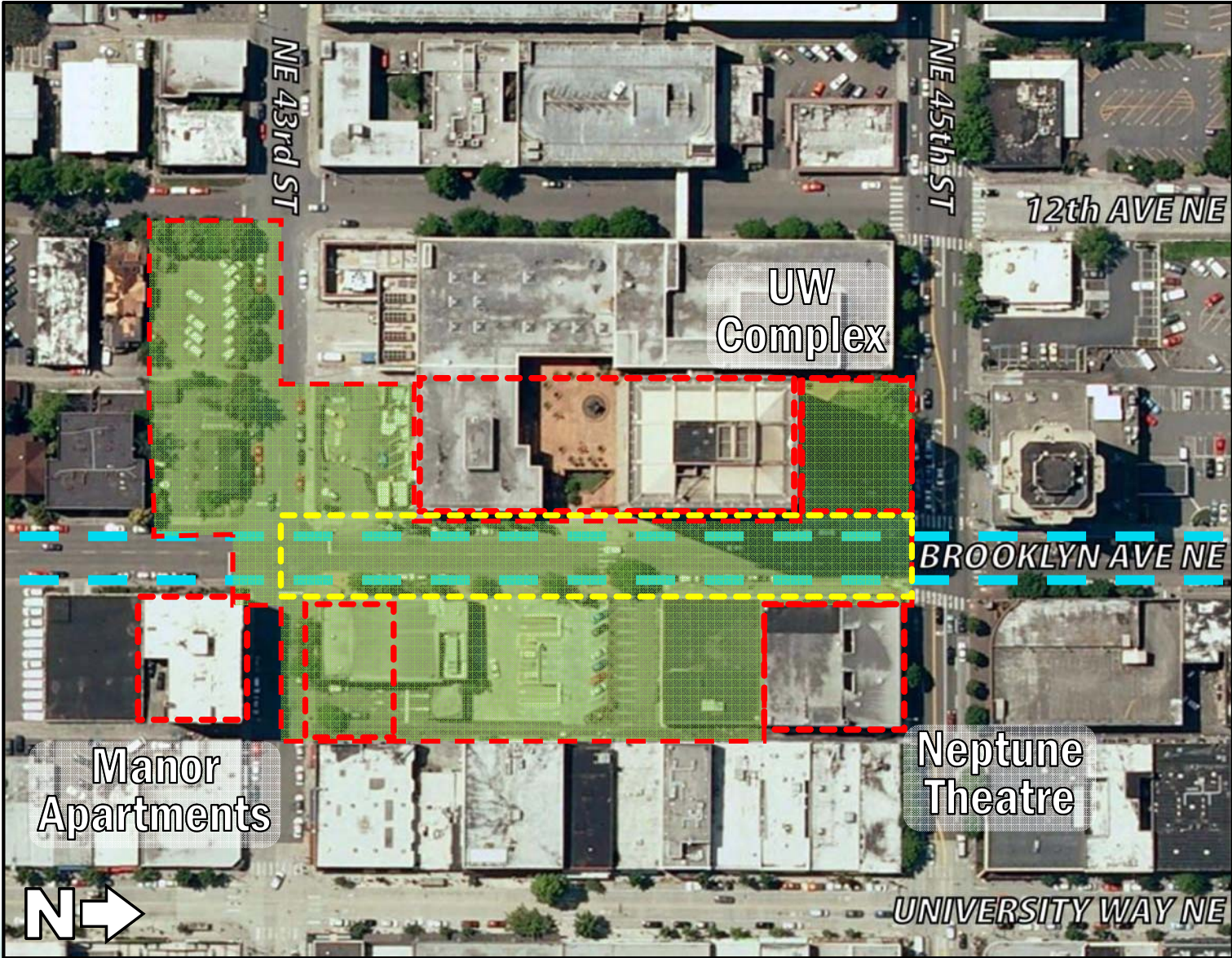


Option 2 (Single Entrance)

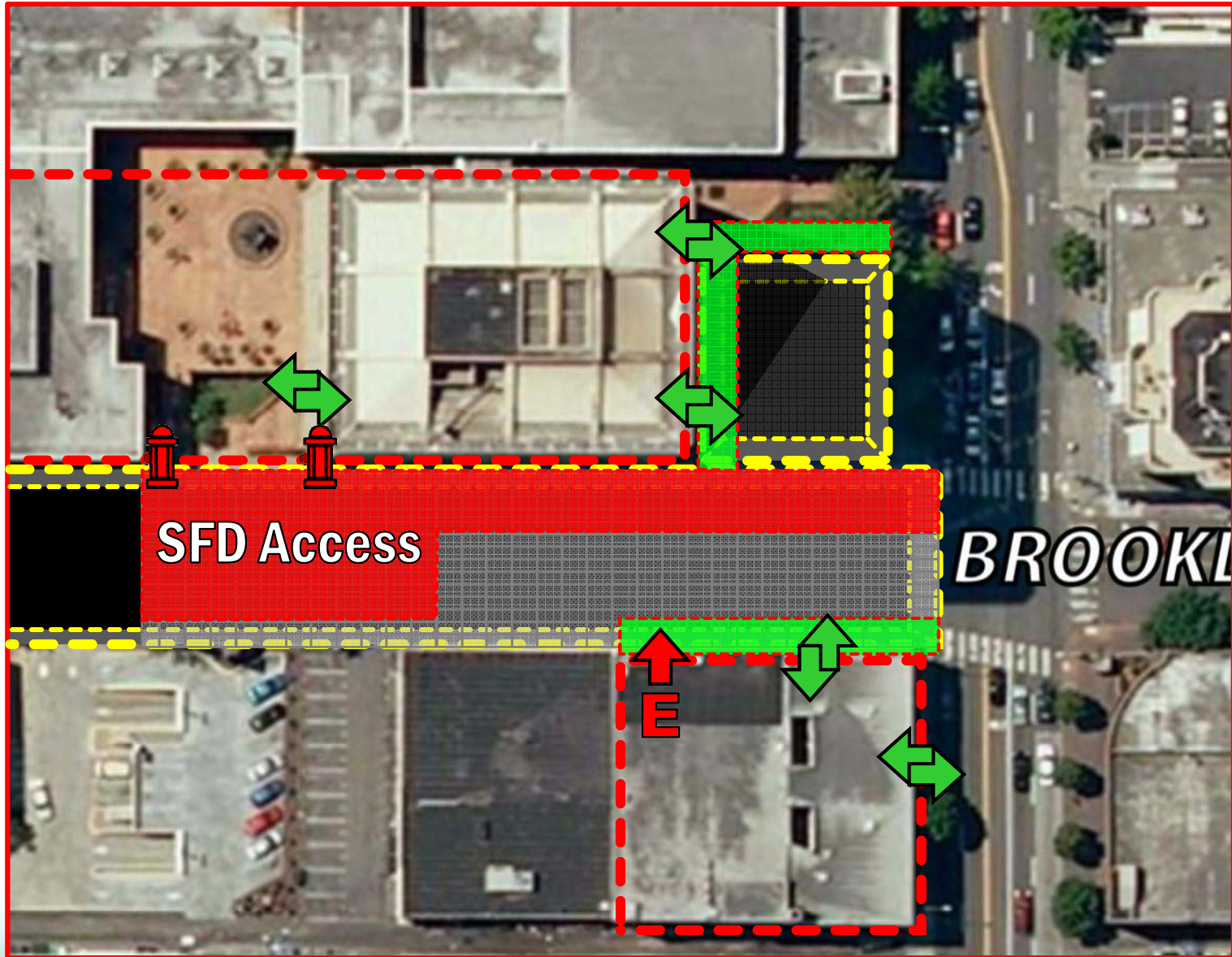
Patron Circulation - Option 1 (Modified PE)



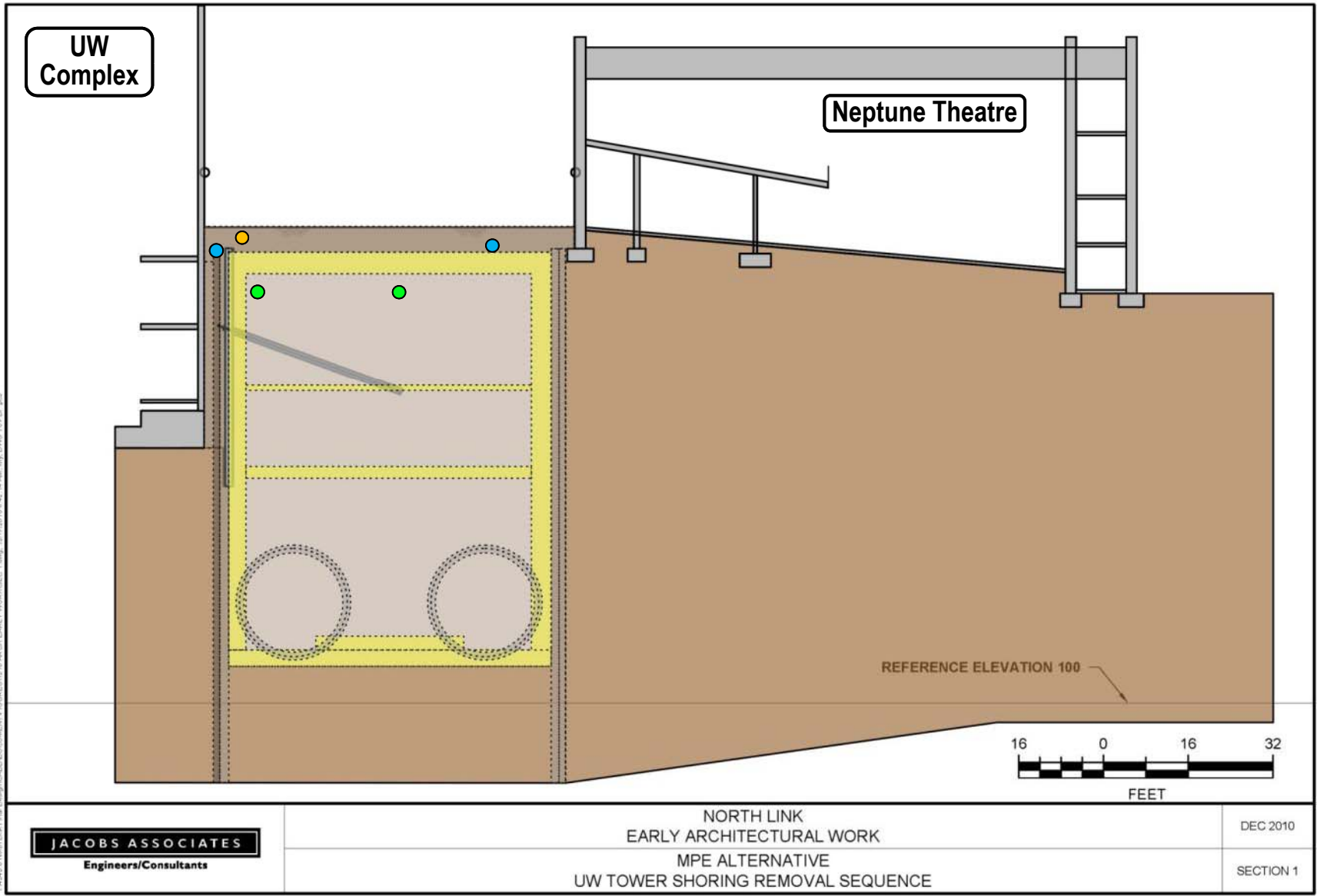
Construction Staging - Option 1 (Modified PE)



Temporary Access Issues - Option 1 (Modified PE)

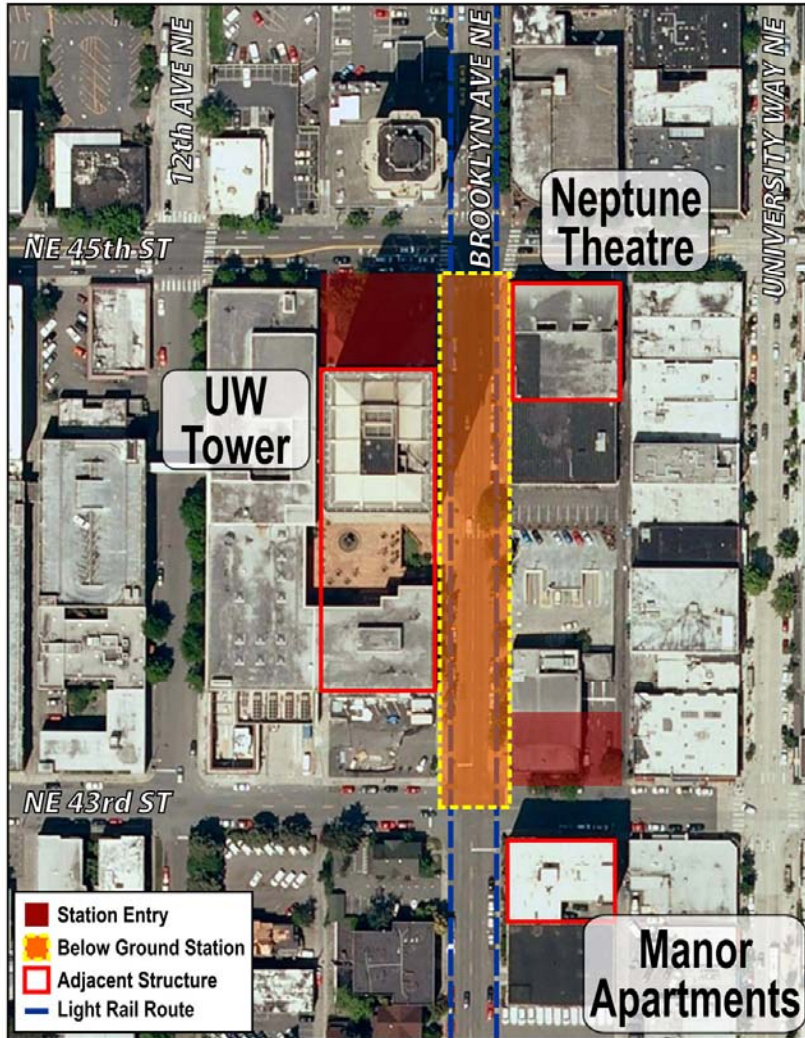


Proximity to Structures – Option 1 (Modified PE)

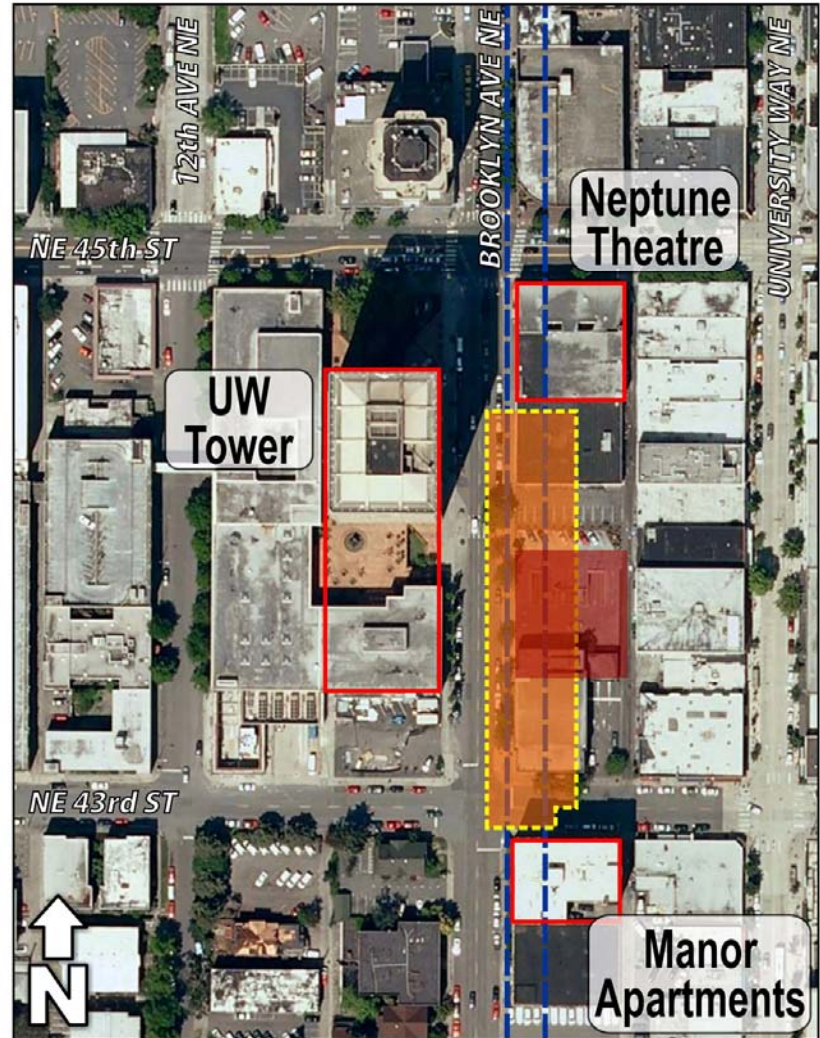


- Fiber Optic
- Water
- Sanitary Sewer

Brooklyn Station Options

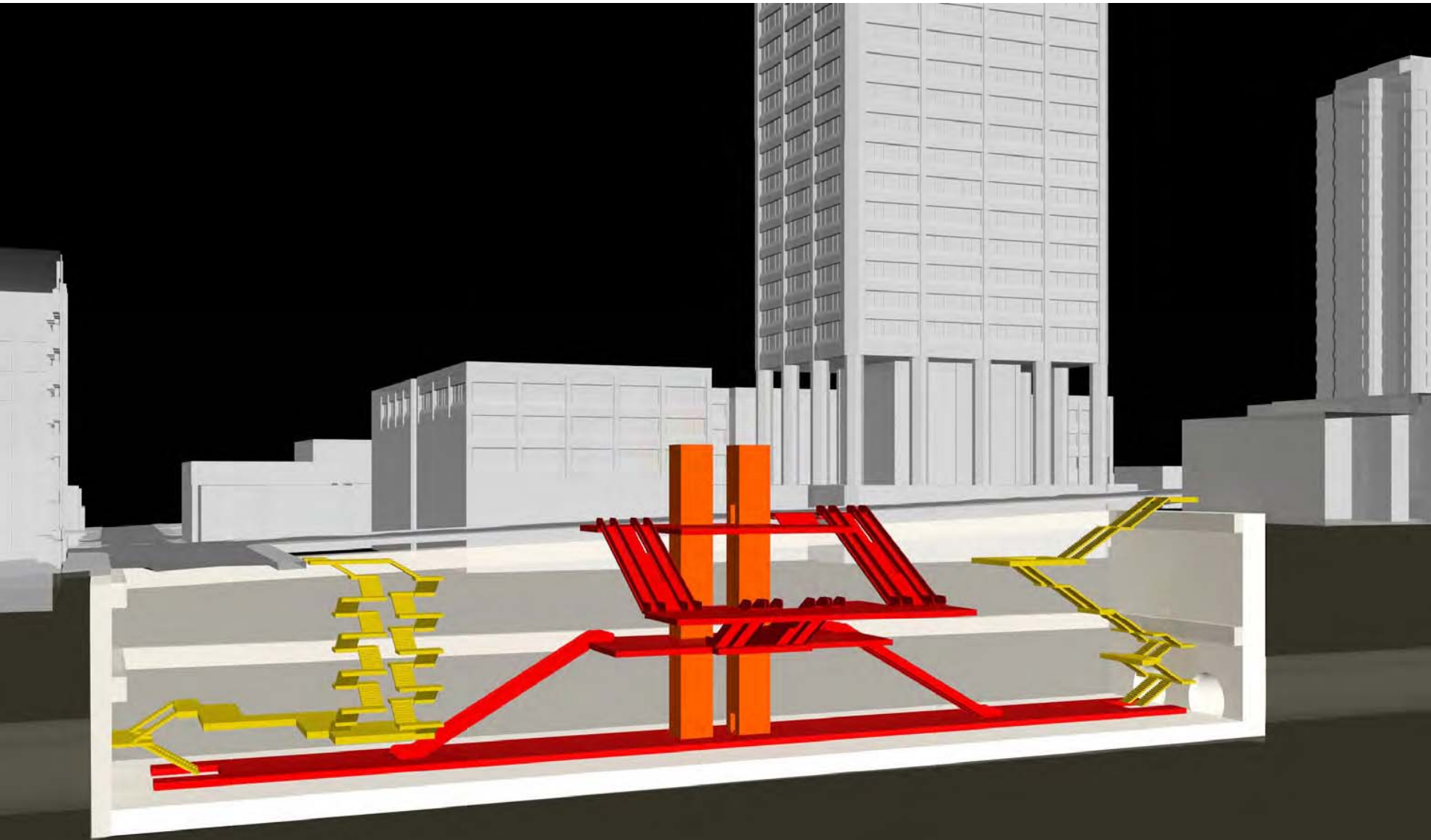


Option 1 (Modified PE)

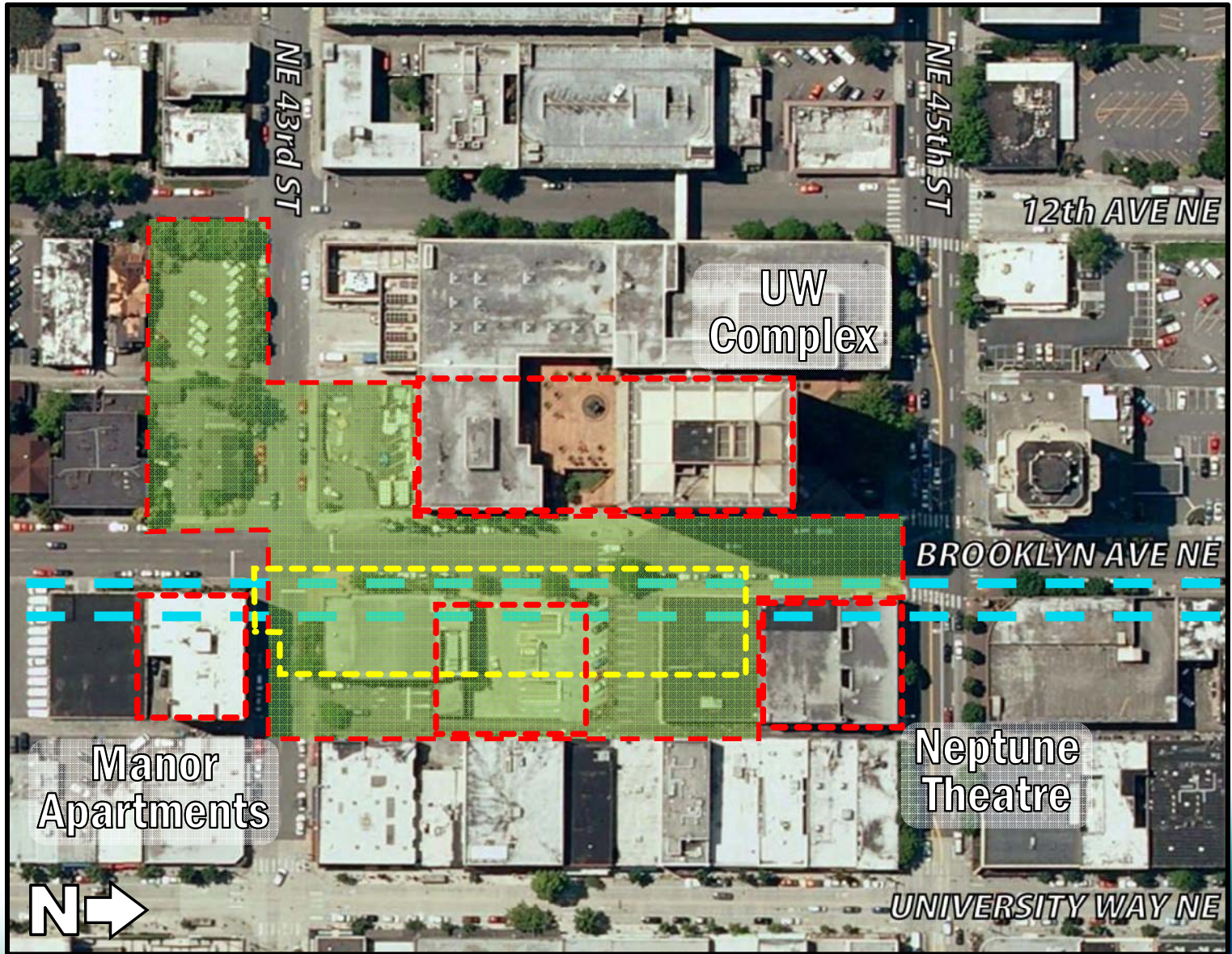


Option 2 (Single Entrance)

Patron Circulation - Option 2 (Single Entrance)



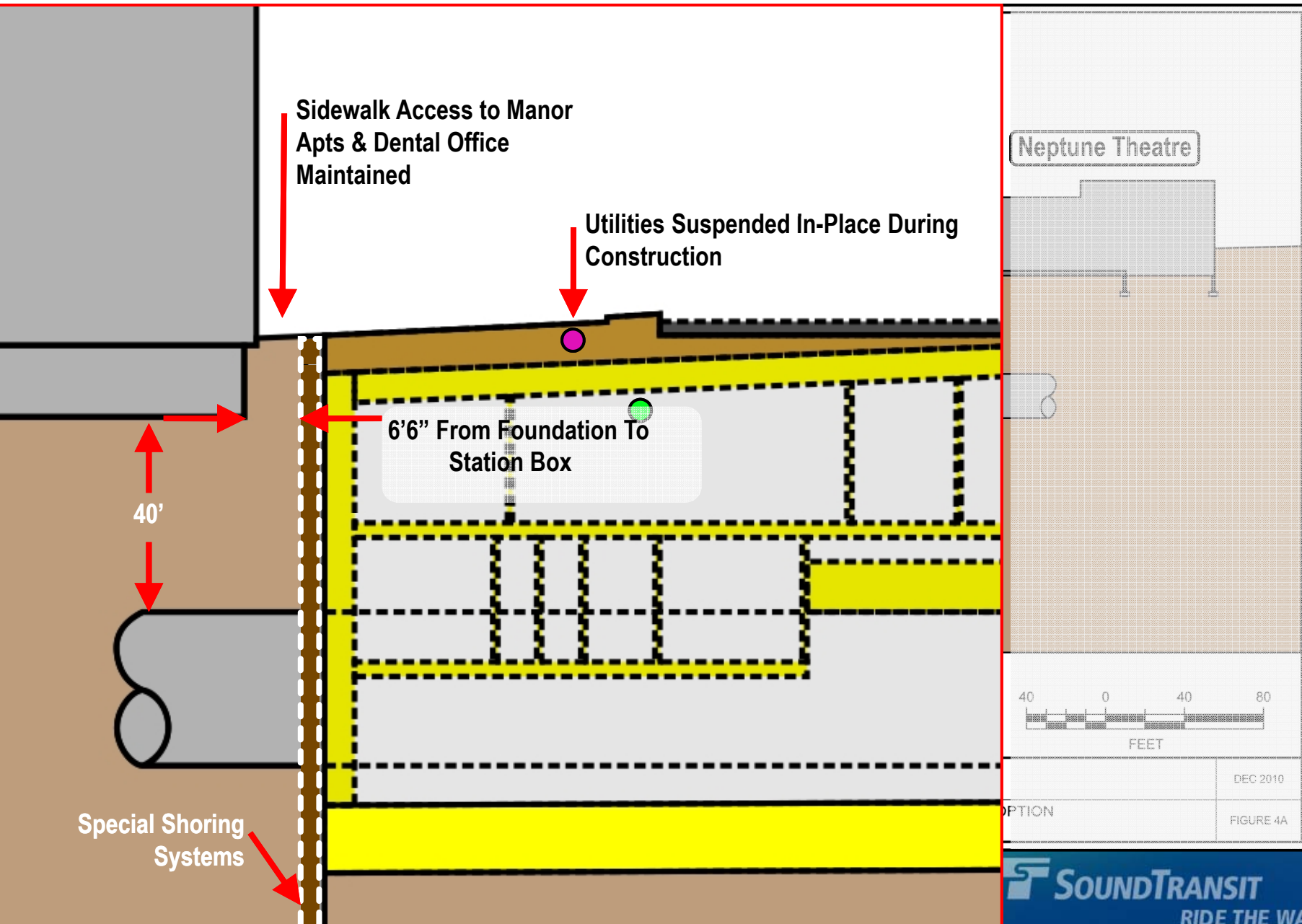
Construction Staging - Option 2 (Single Entrance)



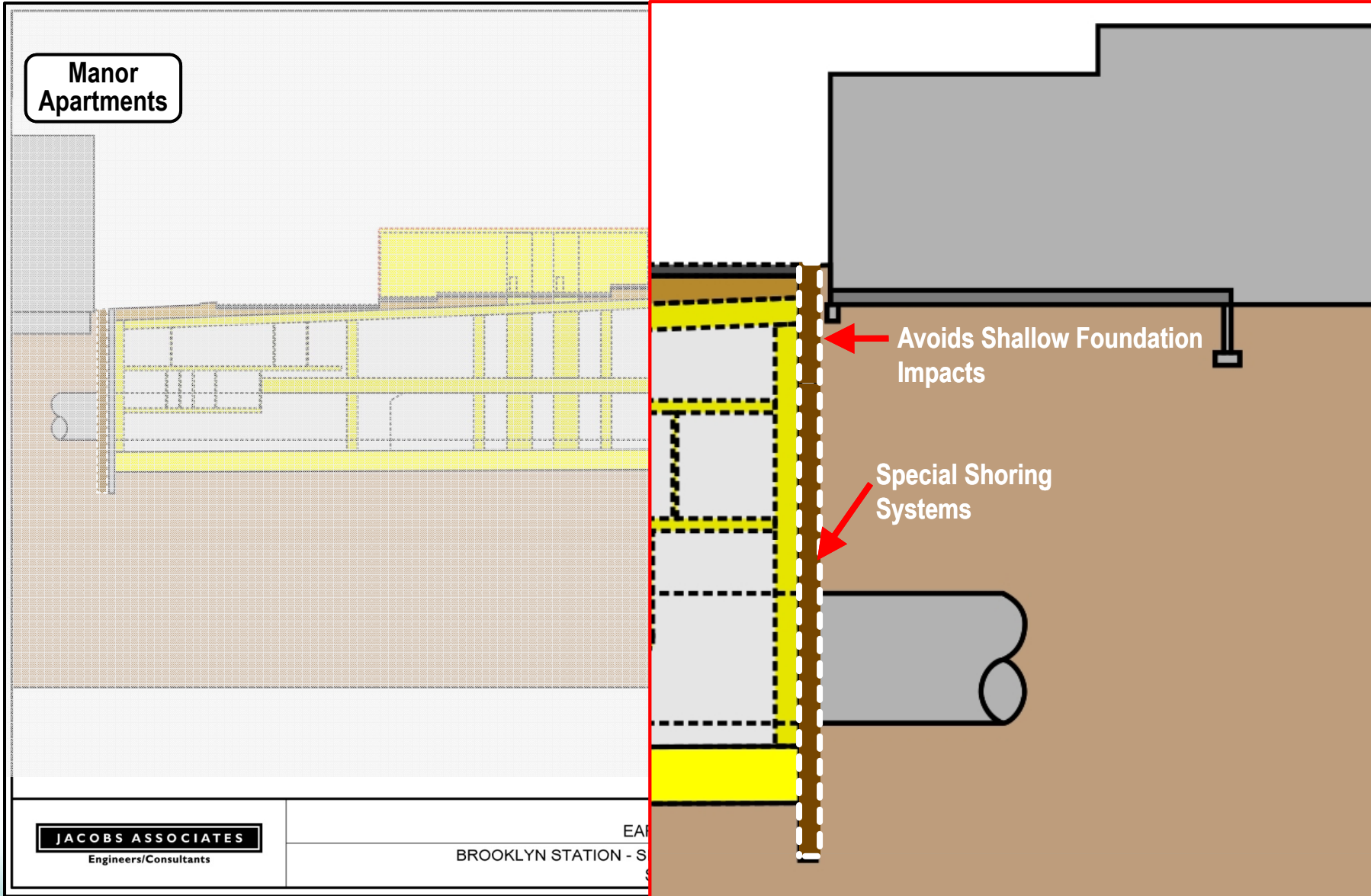
Temporary Access Issues - Option 2 (Single Entrance)



Proximity to Structures – Option 2 (Single Entrance)



Proximity to Structures – Option 2 (Single Entrance)



Pedestrian Walk Times

	Surface Sidewalk Walk Time to <u>Station Entrance</u> (Weighted Average)	Walk Time to <u>Station Platform</u> , including Surface Walk Time (Weighted Average)
Option 1 (Modified PE)	103 seconds	250 seconds
Option 2 (Single Entrance)	151 seconds	287 seconds
Difference between Options	48 seconds	37 seconds
	Surface time only	Surface + station time

Transit-Oriented Development (TOD)

- ST acquiring property for construction staging
- TOD sites available after construction complete
- TOD design principles incorporated into station design
- Both design options would accommodate TOD project(s) over station box
- TOD opportunities explored as station design advances



Brooklyn Station Comparison - Draft

Issue	Option 1 (Modified PE)	Option 2 (Single Entrance)
Entrance Location(s)	NE 45 th St. & NE 43 rd St.	Mid-block on Brooklyn Ave
Comparative Capital Costs <ul style="list-style-type: none"> • Construction costs • Property acquisition & relocation costs 	Similar + tower plaza	Approx. \$10 million lower Similar
Station Design <ul style="list-style-type: none"> • Center platform • Pedestrian access to station • Passenger circulation in station 	28' wide Excellent Good	34' wide with columns Good Excellent
Constructability <ul style="list-style-type: none"> • Temporary access restrictions • Utility relocations • Construction duration • Cost & schedule risk 	Neptune, UW Tower More Higher	U. Manor Apts., UW Tower Less ~ 5 months shorter Lower

Brooklyn Station Comparison - Draft

Issue	Option 1 (Modified PE)	Option 2 (Single Entrance)
Environmental/Third Party Issues <ul style="list-style-type: none"> • Historic property review • Construction coordination 	N/A Neptune, UW Tower	U. Manor Apts. U. Manor Apts., UW Tower
Transit Benefits <ul style="list-style-type: none"> • Ridership • Bus transfer connections • Entrance visibility 	12,000 boarding Excellent Excellent	<1% lower Good Good
Transit Oriented Development <ul style="list-style-type: none"> • TOD SF (ground floor/total) • TOD street frontage 	18,000/114,300 SF Similar	14,000/102,400 SF Similar
Community Support <ul style="list-style-type: none"> • Business & residential groups • UW 	<div data-bbox="1012 1139 1576 1236" data-label="Text"> <p>Tell us what you think</p> </div>	

Brooklyn Station - Next Steps

- Continue evaluation of design concepts
- Briefing UW, other stakeholders in January/early February
- Staff will present public feedback, design concept recommendation to Capital Committee on February 10
- 30% station design public open house will be held this spring

Questions?



Get Involved & Stay Informed

- Attend final design open houses
 - ✓ Learn more about your neighborhood station's design including bike facilities, pedestrian and bus connections and public art
- Sign up to receive e-mail updates:
www.soundtransit.org/subscribe
- Sound Transit Web site:
www.soundtransit.org/northlink
- Contact Ellen Blair: 206-398-5043
northlink@soundtransit.org

