



1. Introductions

- a. Concurrent Projects
- b. Project Objectives and Concept Review

2. Design Progress


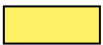



- a. Montlake Crossing Pedestrian Bridge (SP1) - LMN
- b. Rainer Vista and Montlake Triangle (SP2 & SP3) - GGN



University of Washington Montlake Triangle Project / September 15th 2011

Concurrent Projects



- | | | |
|---|--|----------|
|  | ① University of Washington Rainier Vista and Montlake Triangle (SP2 & SP3) | On-Going |
|  | ② Sound Transit North Link Lightrail UW Station and Montlake Boulevard Crossing Bridge (SP1) | On-Going |
|  | ③ Burke Gilman Trail | TBD |
|  | ④ Stadium Project | On-Going |
|  | ⑤ University of Washington Medical Center Entry | On-Going |

NOTE: WSDOT is a Project Partner for SP1, SP2, & SP3 per the terms of the Memorandum of Agreement.

Sound Transit Link Light Rail Station (U 250)

Before - After



Project Principles

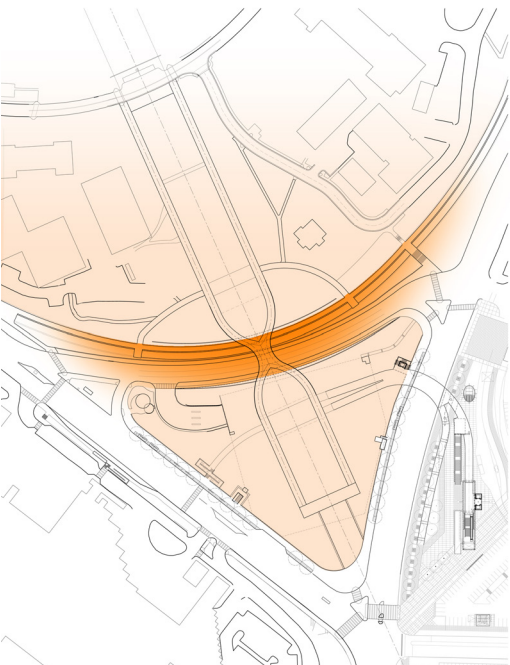


1. Coordinate WSDOT, SDOT, Metro, Sound Transit, and UW Project Objectives into a Unified Design Solution
2. Integrate Transit, Pedestrian, and Bike Connections into and through the Campus
3. Include the Montlake Triangle as Part of the University Campus
4. Enhance the Experience along Rainier Vista Axis and Entry into the Campus
5. Coordinate with Husky Stadium Development
6. Stay on Budget
7. Stay on Schedule

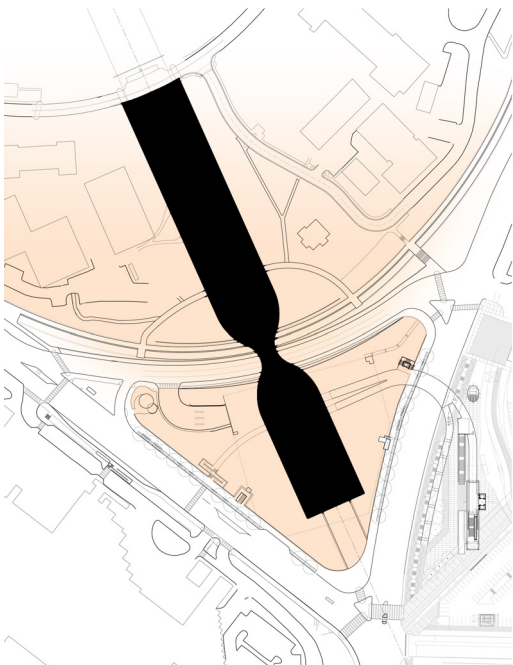
Rainier Vista Concept



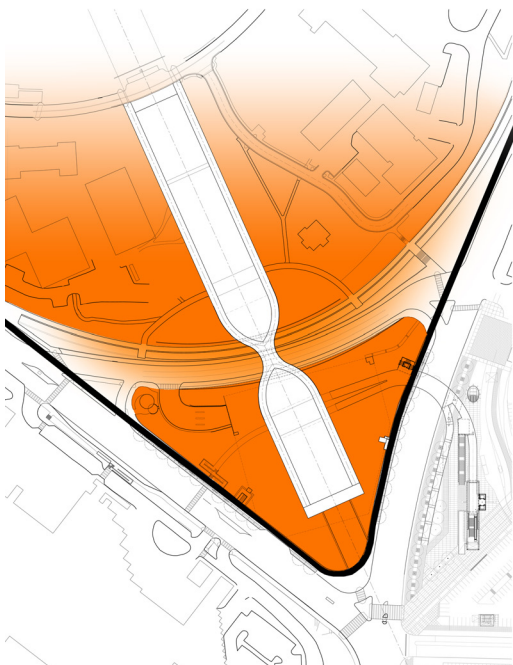
Broken Ground



Reconnected/Carved

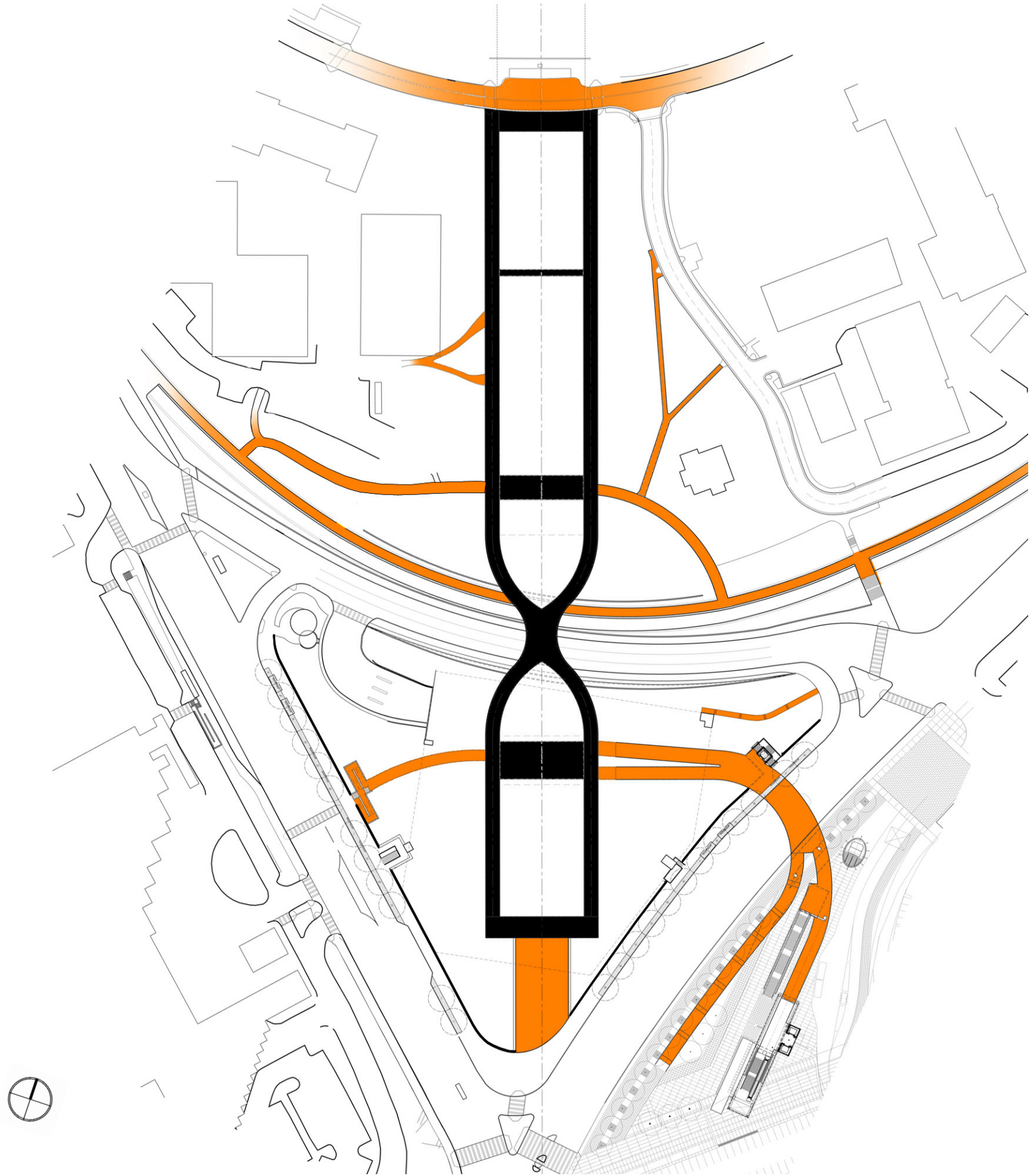


Add Axis Object

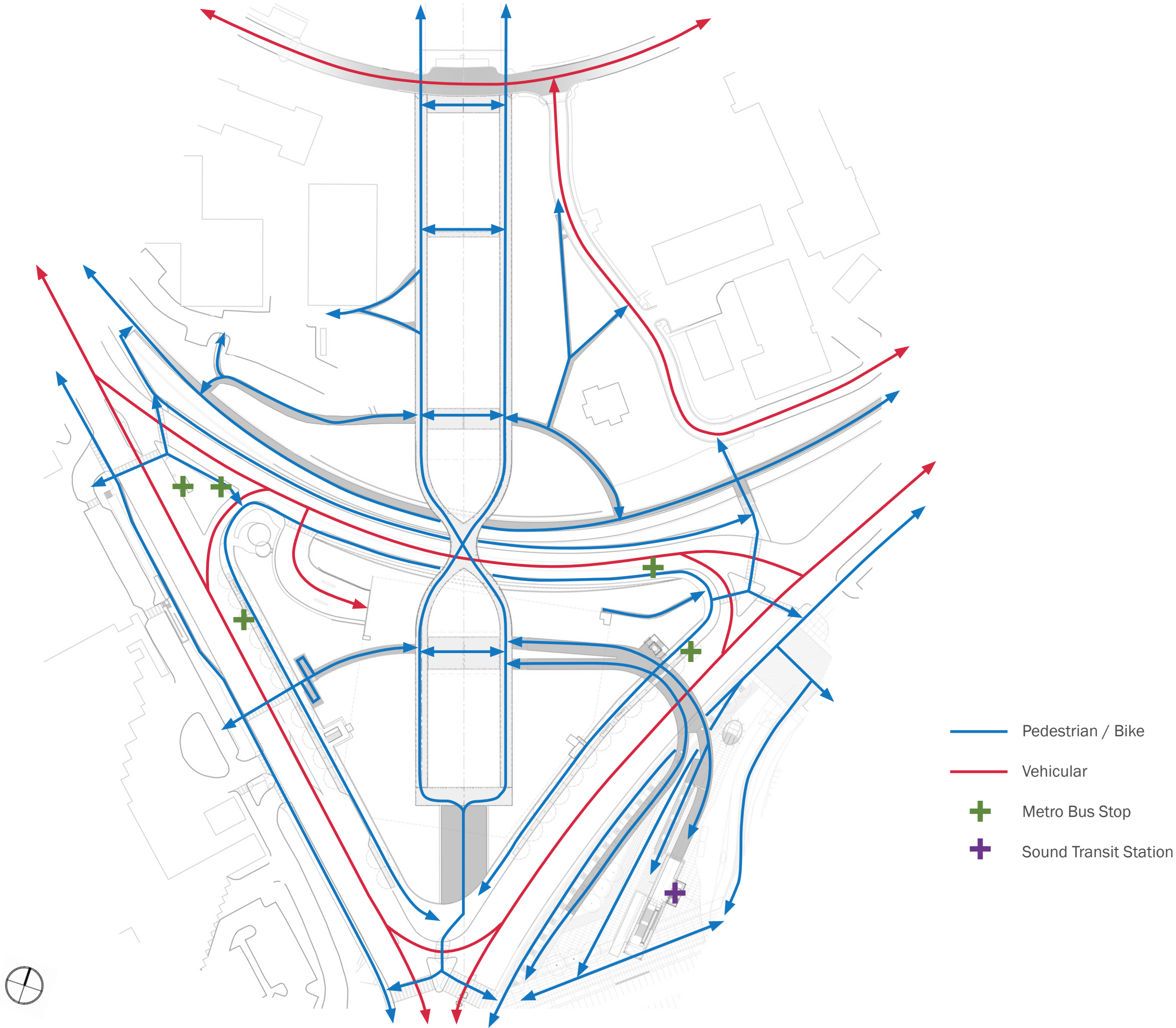


Framing Edge

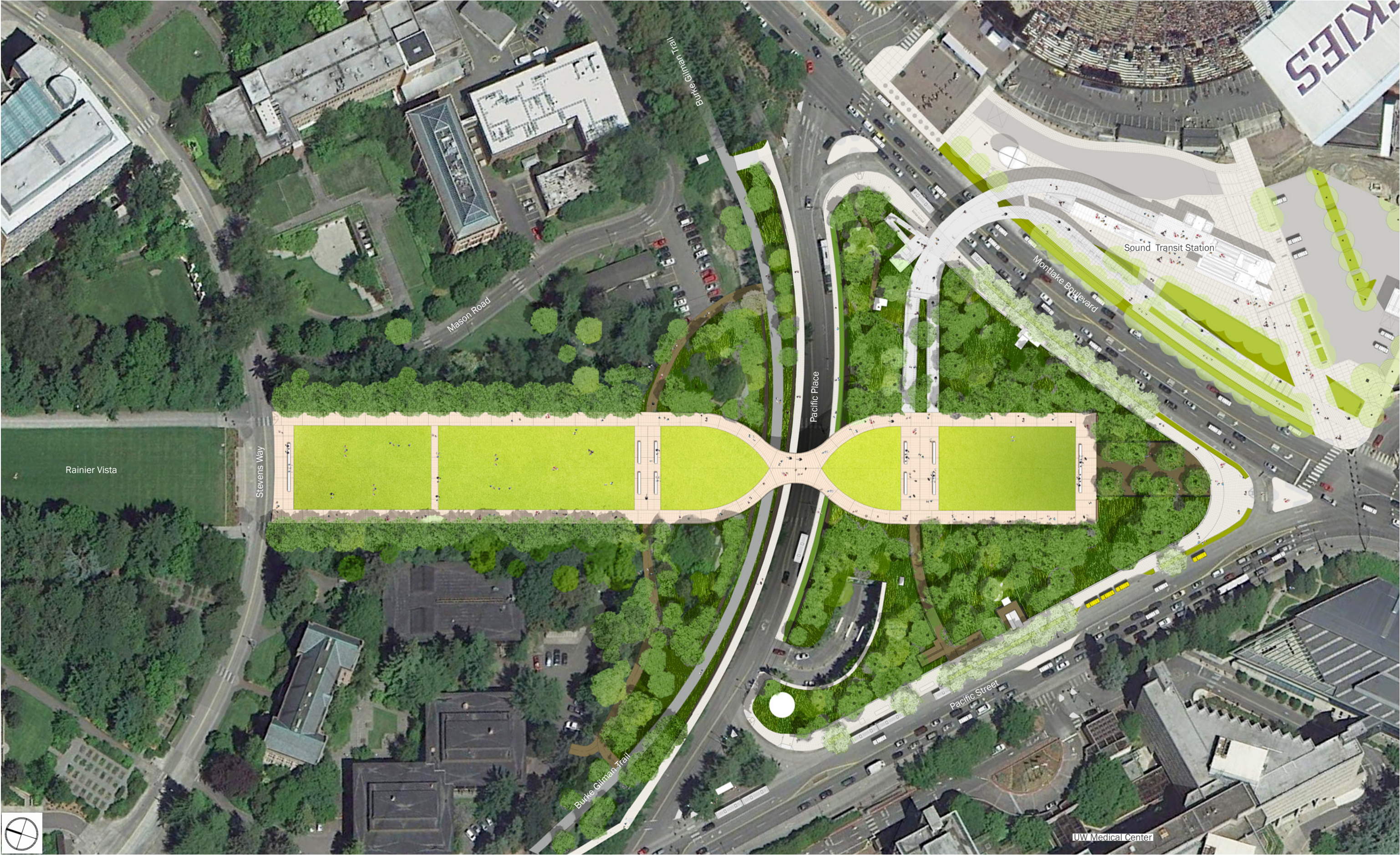
Design Hierarchy



Circulation



Illustrative Site Plan





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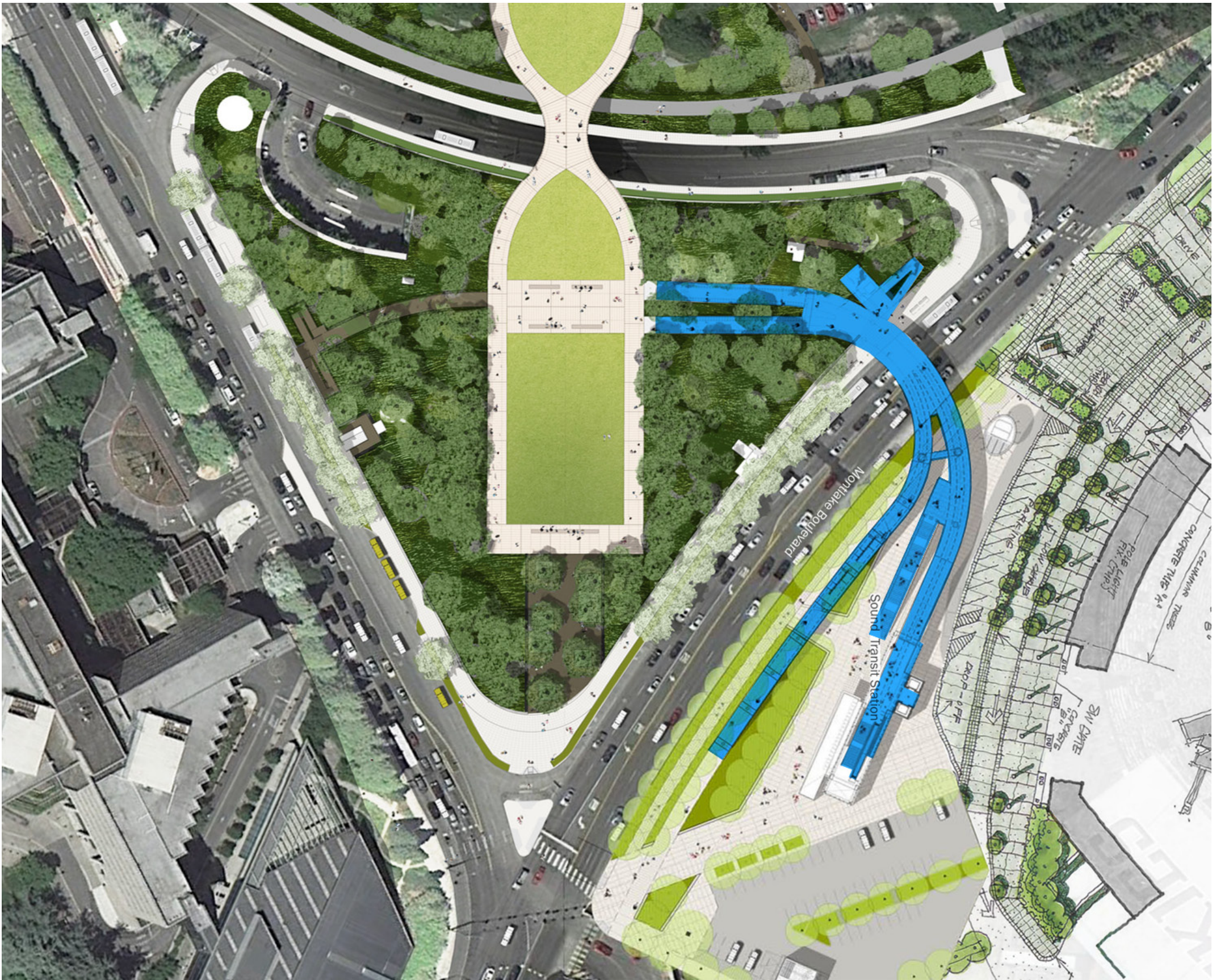


- ① Sound Transit Station, Montlake Pedestrian Bridge, and Bicycle Ramp
- ② South Mixing Plaza
- ③ North Mixing Plaza
- ④ Montlake Entry Court and Streetscape
- ⑤ Pacific Place Landbridge
- ⑥ Lighting Overview
- ⑦ Planting Overview

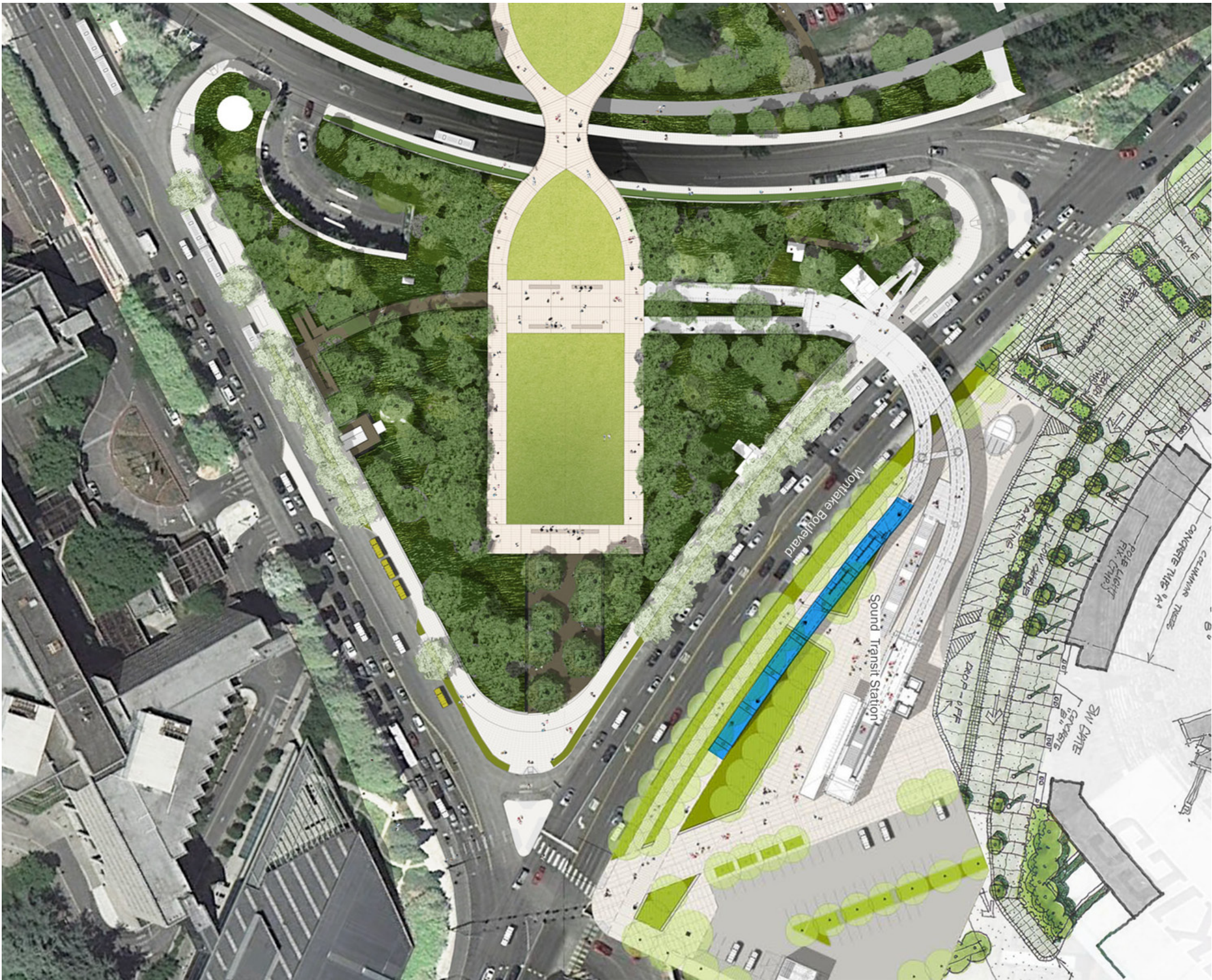
1 Sound Transit Station, Montlake Pedestrian Bridge, and Bicycle Ramp



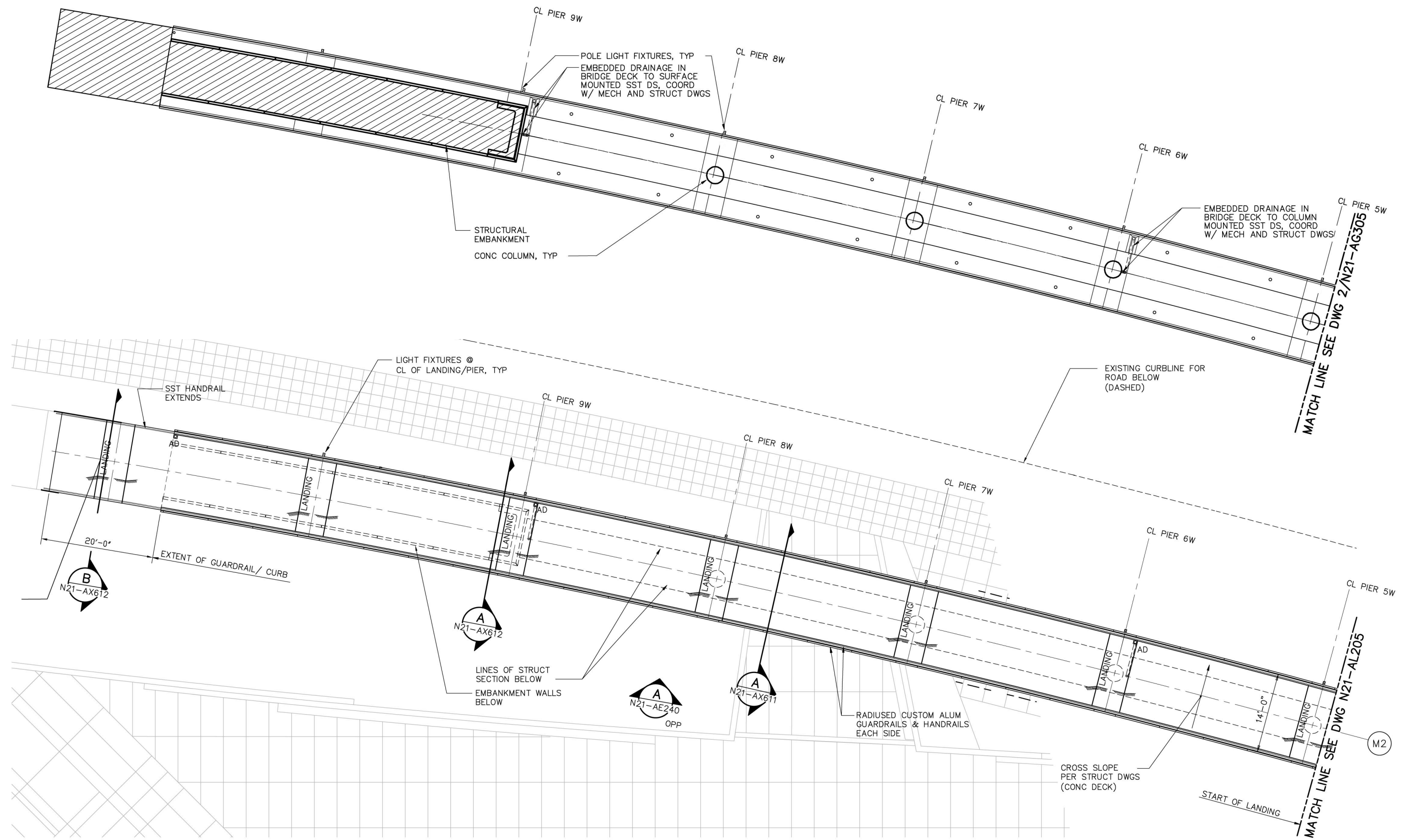
Bridge



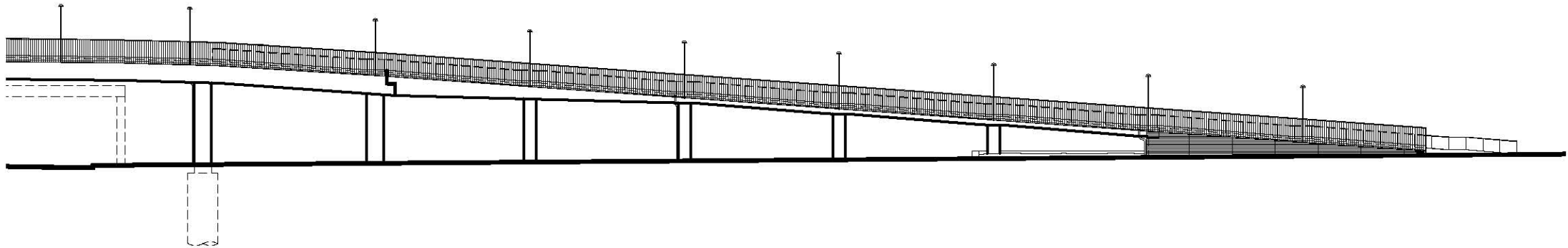
Bicycle Ramp



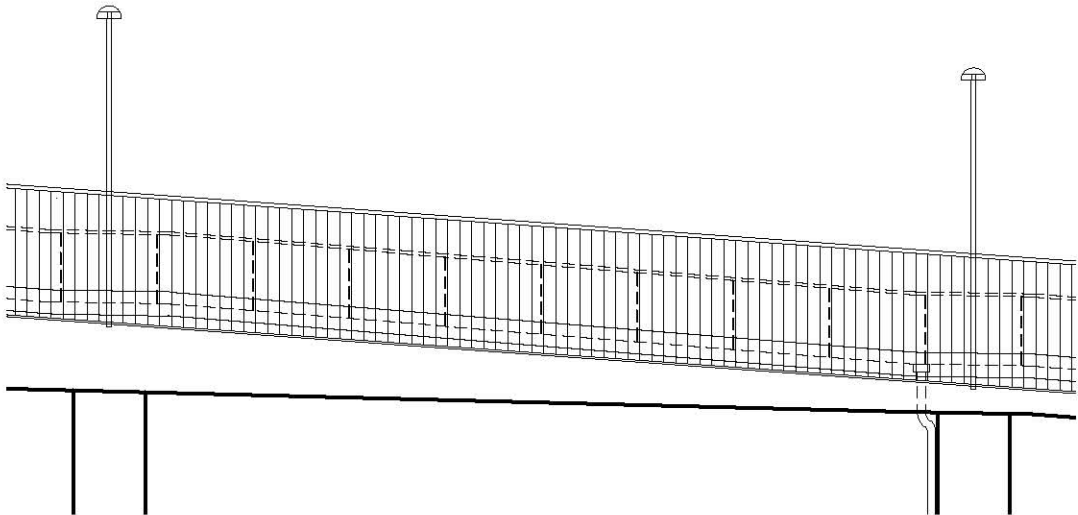
Bicycle Ramp - Plan / RCP



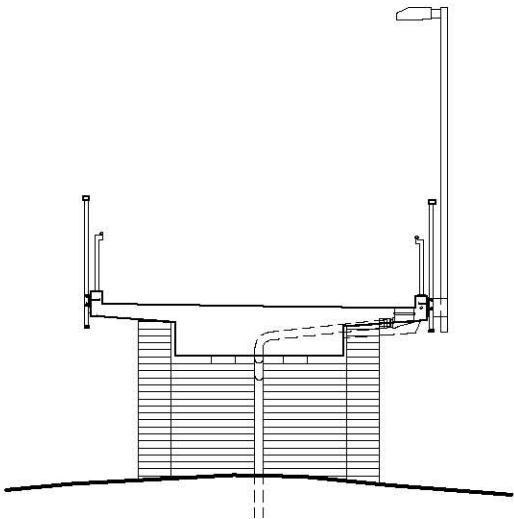
Bicycle Ramp - Elevations



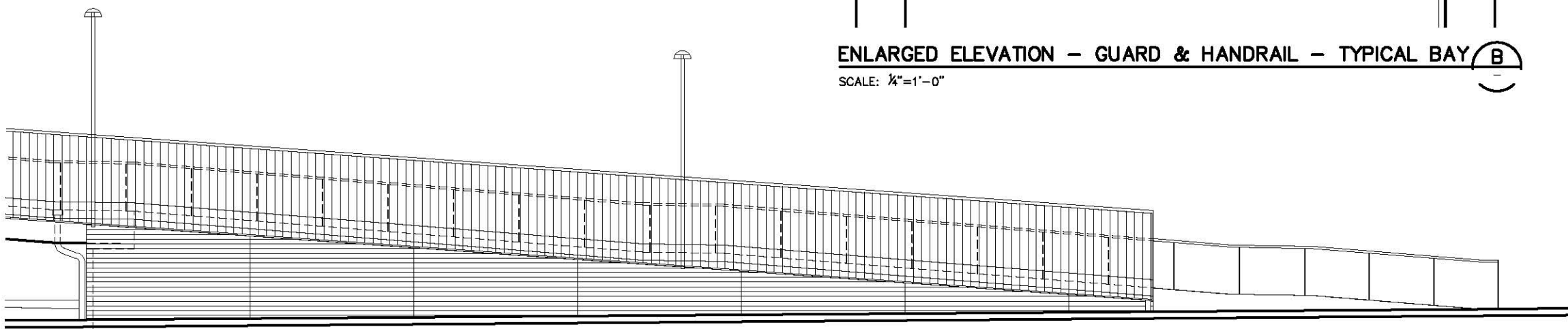
EXTERIOR ELEVATION – BIKE RAMP – FLATTENED WEST ELEVATION **A**
SCALE: 1/8"= 1'-0"
N21-AE240
N21-AL207



ENLARGED ELEVATION – GUARD & HANDRAIL – TYPICAL BAY **B**
SCALE: 1/4"=1'-0"

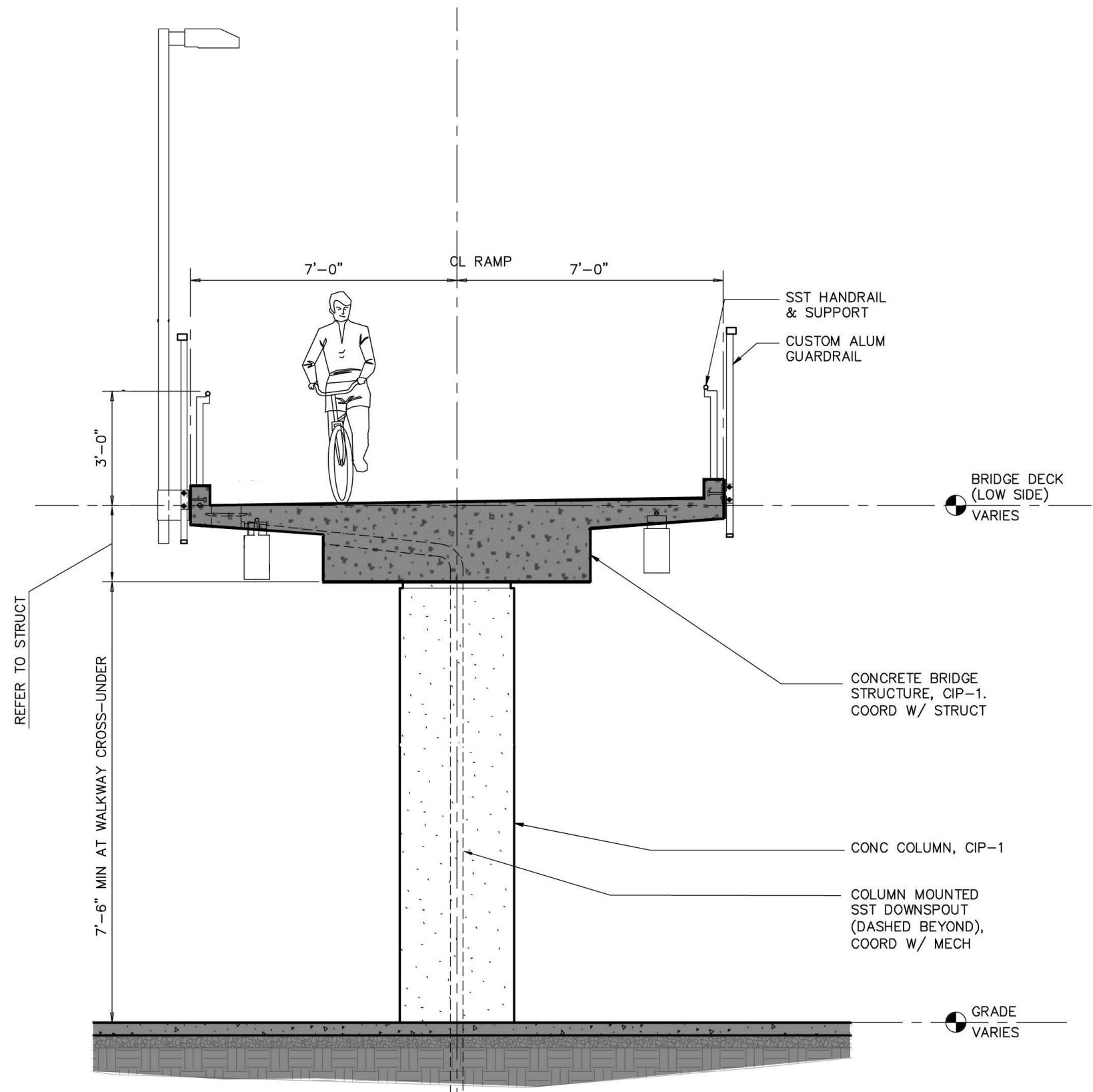


ENLARGED ELEVATION **C**
SCALE: 1/4"=1'-0"

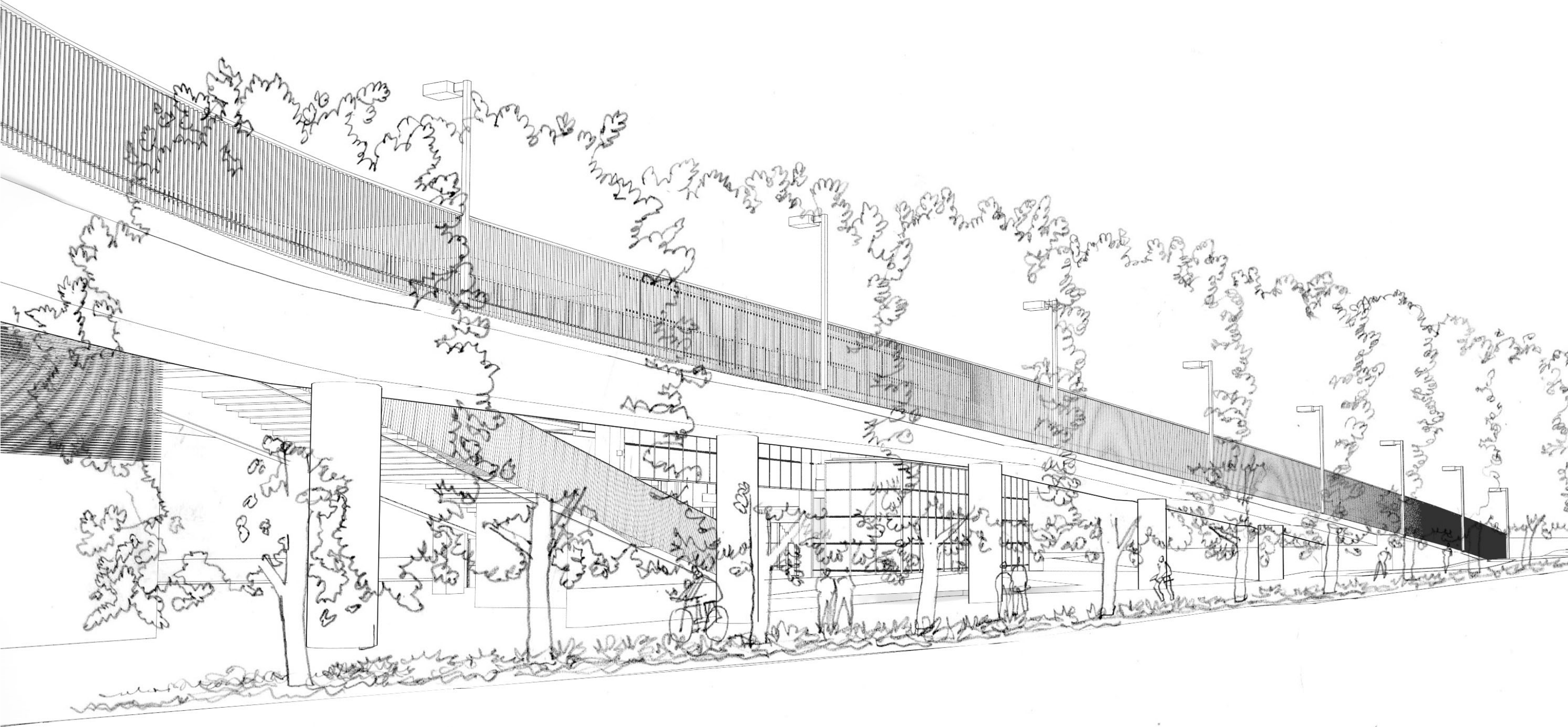


ENLARGED ELEVATION – GUARD & HANDRAIL LAYOUT **D**
SCALE: 1/4"=1'-0"

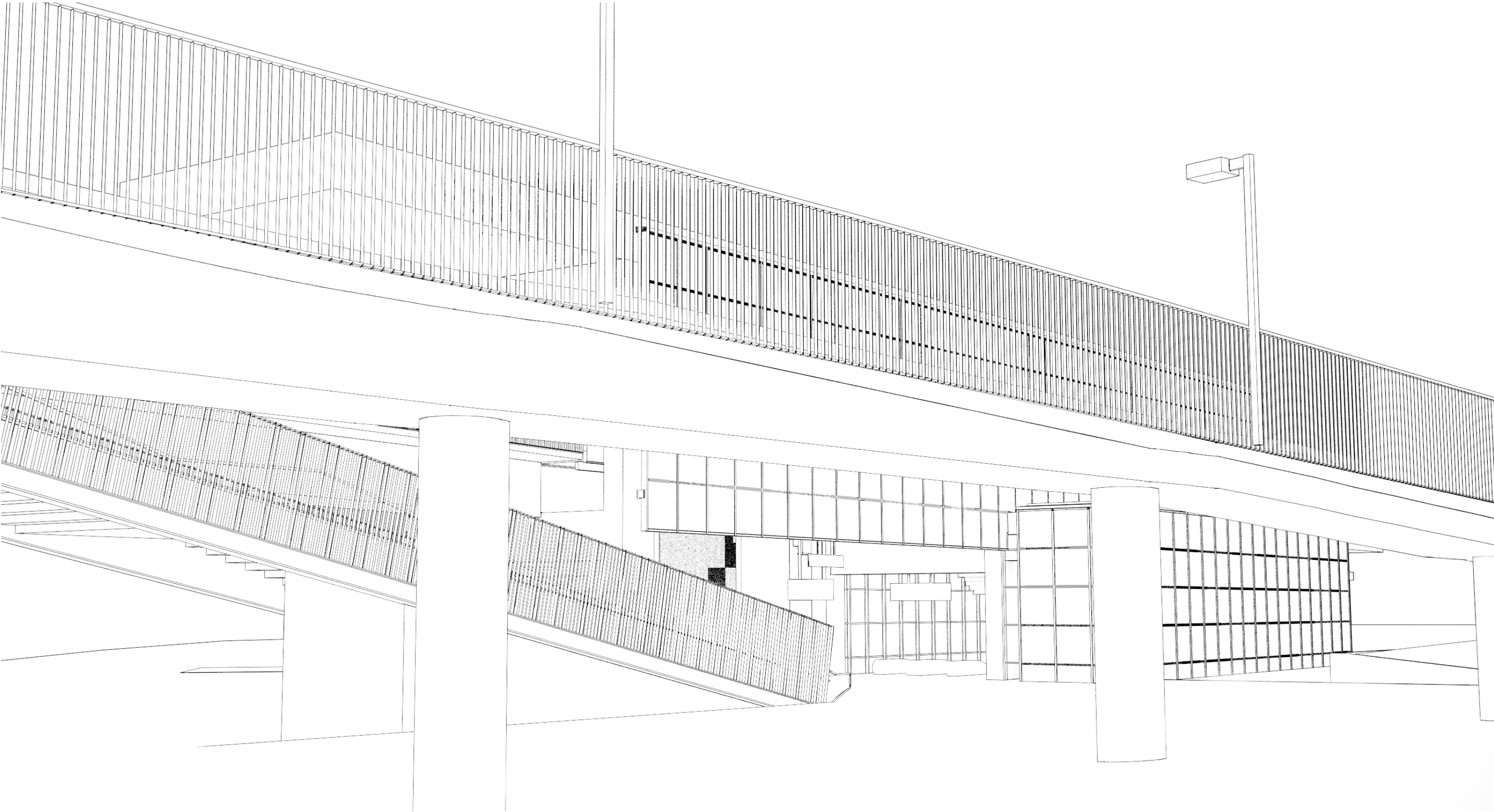
Bicycle Ramp - Section



Bicycle Ramp - View

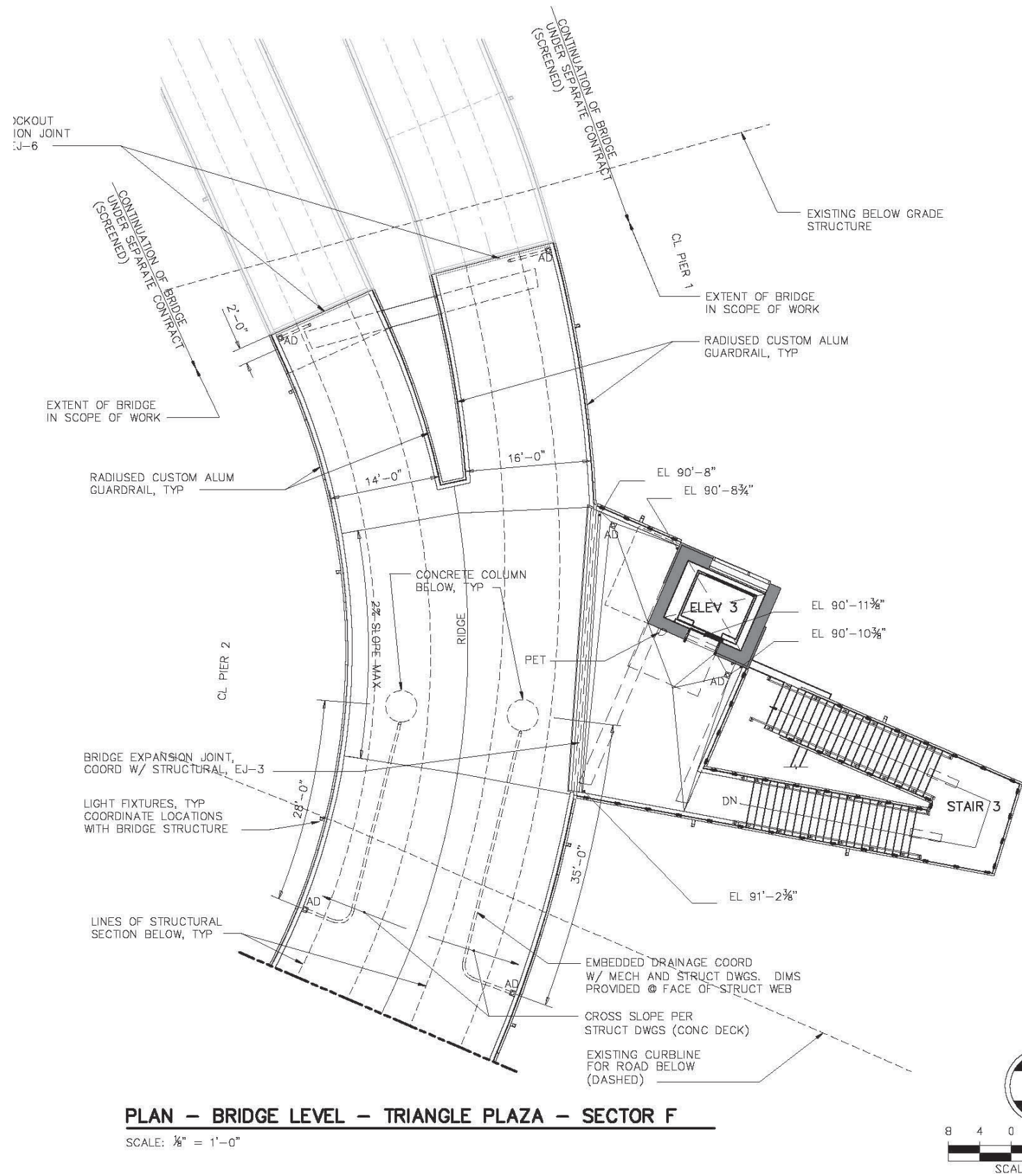
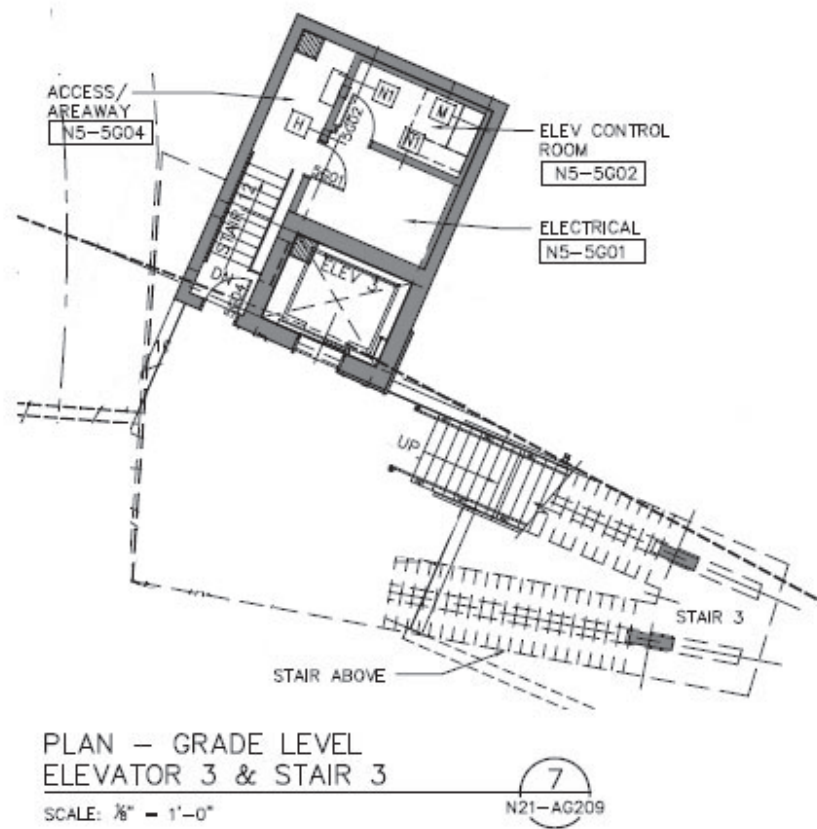


Bicycle Ramp - Close-up View

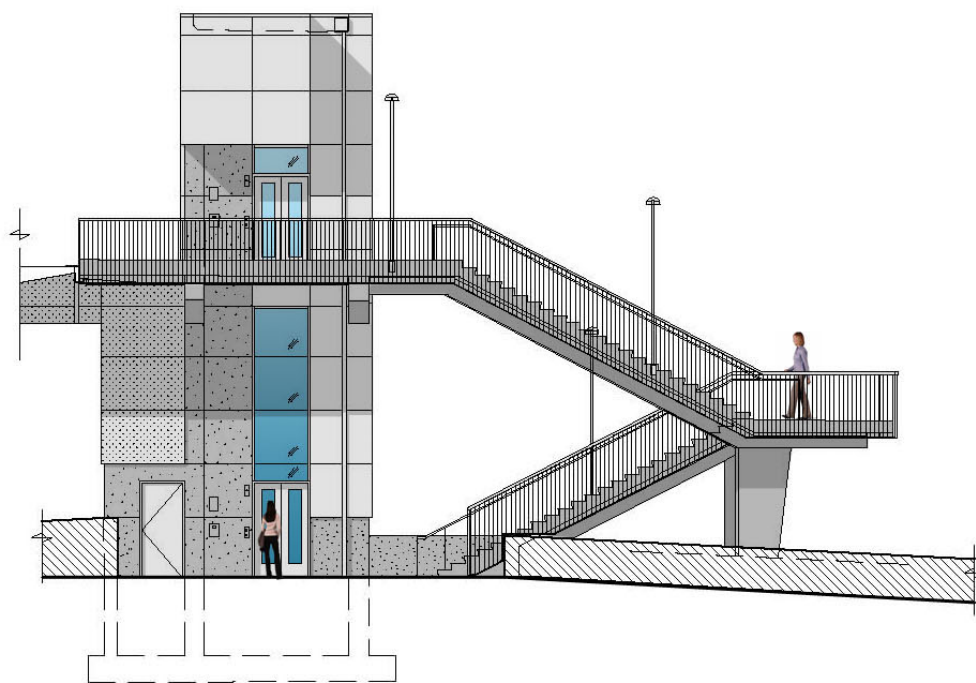




Elevator / Stair - Plans



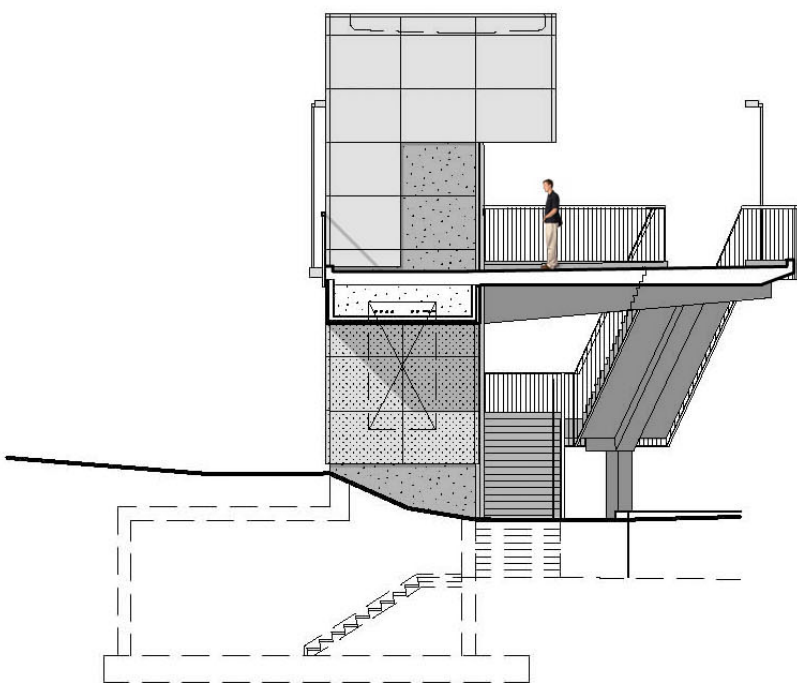
Elevator / Stair - Elevations



EXTERIOR ELEVATION – ELEVATOR 3/
STAIR 3 – NORTH-EAST ELEVATION

SCALE: 1/8" = 1'-0"

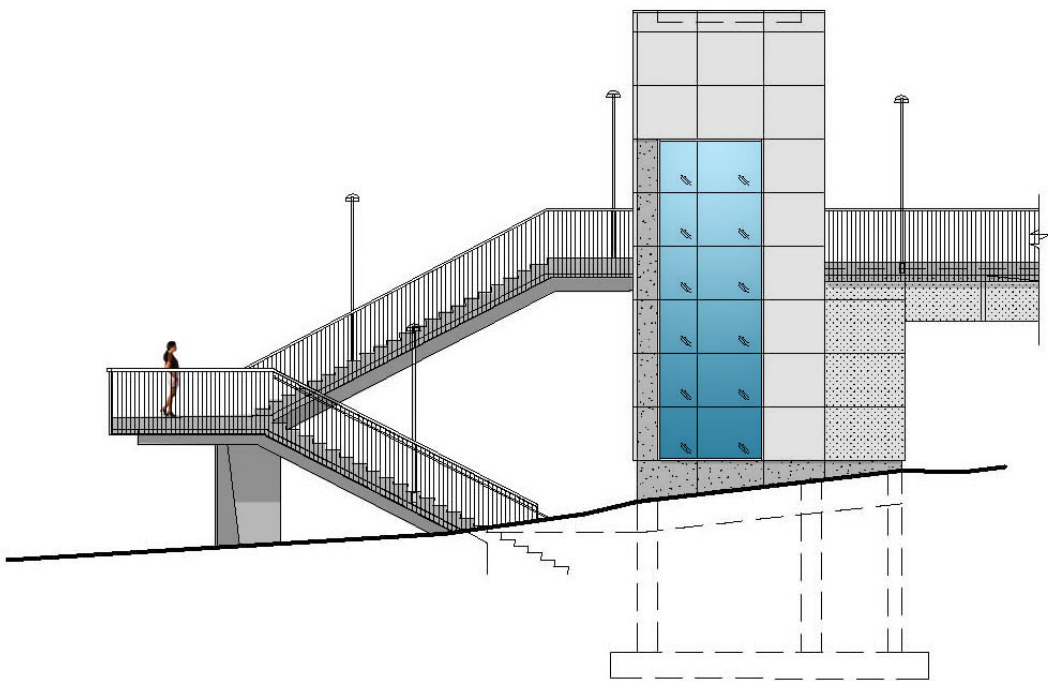
A
N21-AE230
N21-AG209



EXTERIOR ELEVATION – ELEVATOR 3/
STAIR 3 – SOUTH- ELEVATION

SCALE: 1/8" = 1'-0"

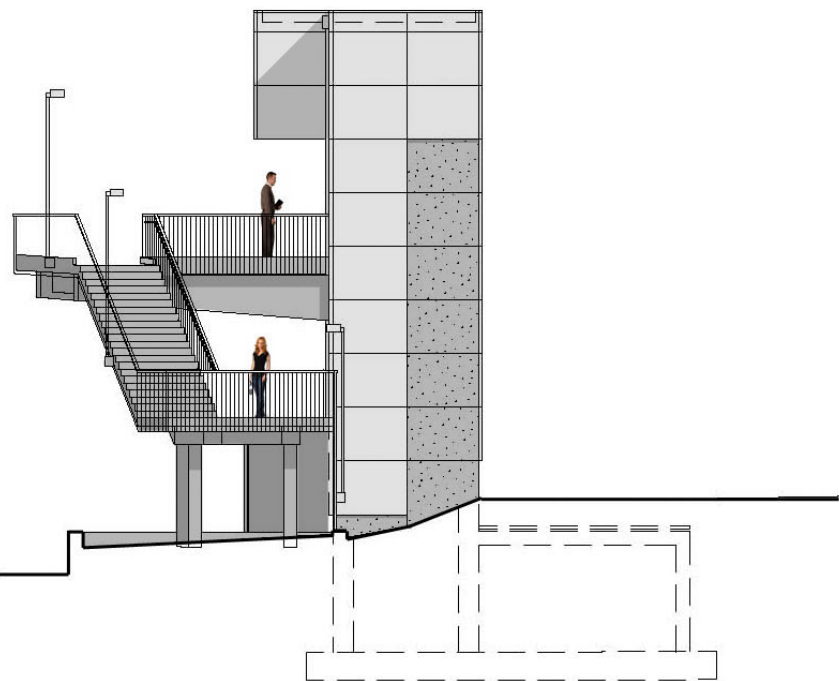
B
N21-AE230
N21-AG209



EXTERIOR ELEVATION – ELEVATOR 3/
STAIR 3 – SOUTH-WEST ELEVATION

SCALE: 1/8" = 1'-0"

C
N21-AE230
N21-AG209

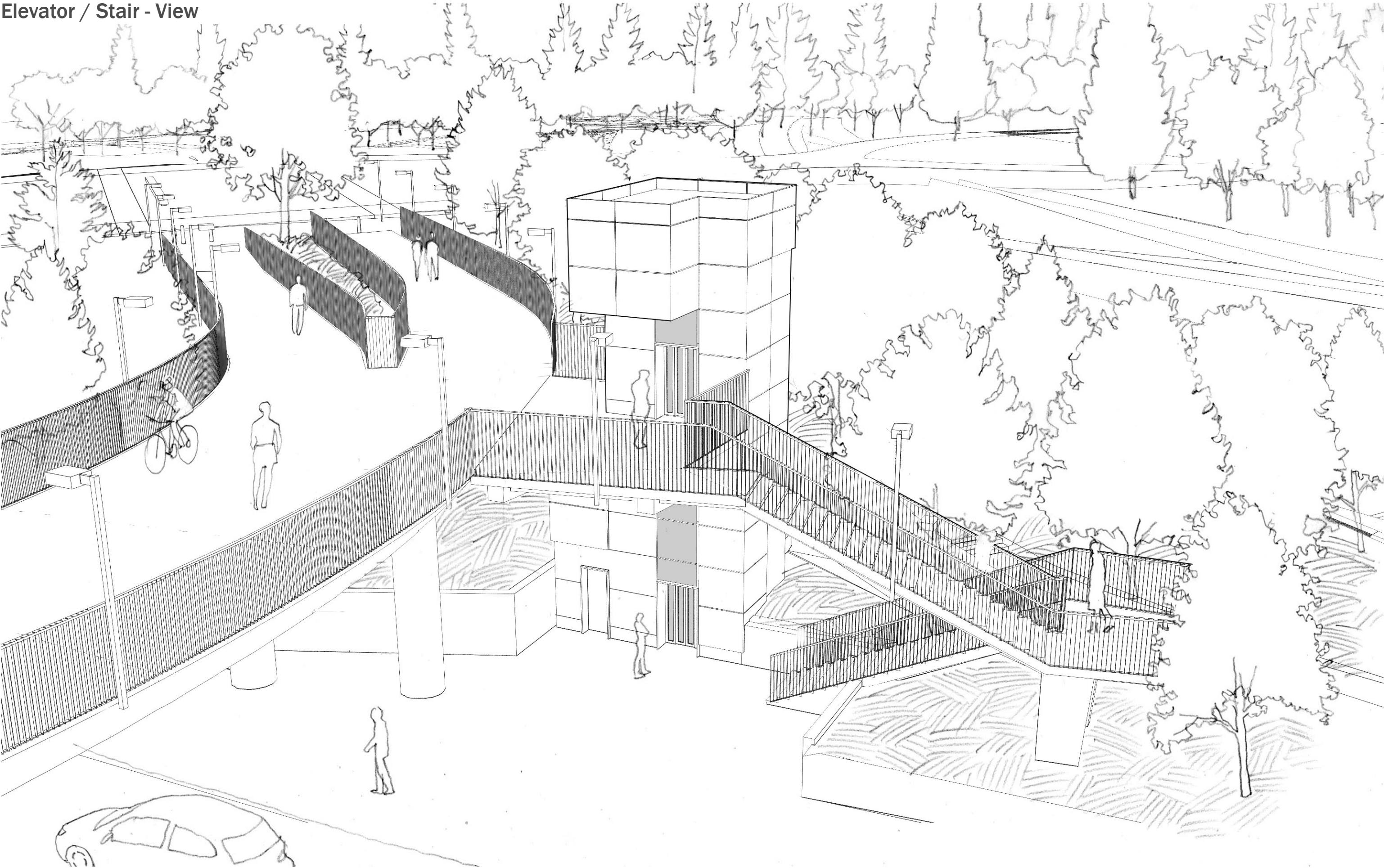


EXTERIOR ELEVATION – ELEVATOR 3/
STAIR 3 – NORTH- ELEVATION

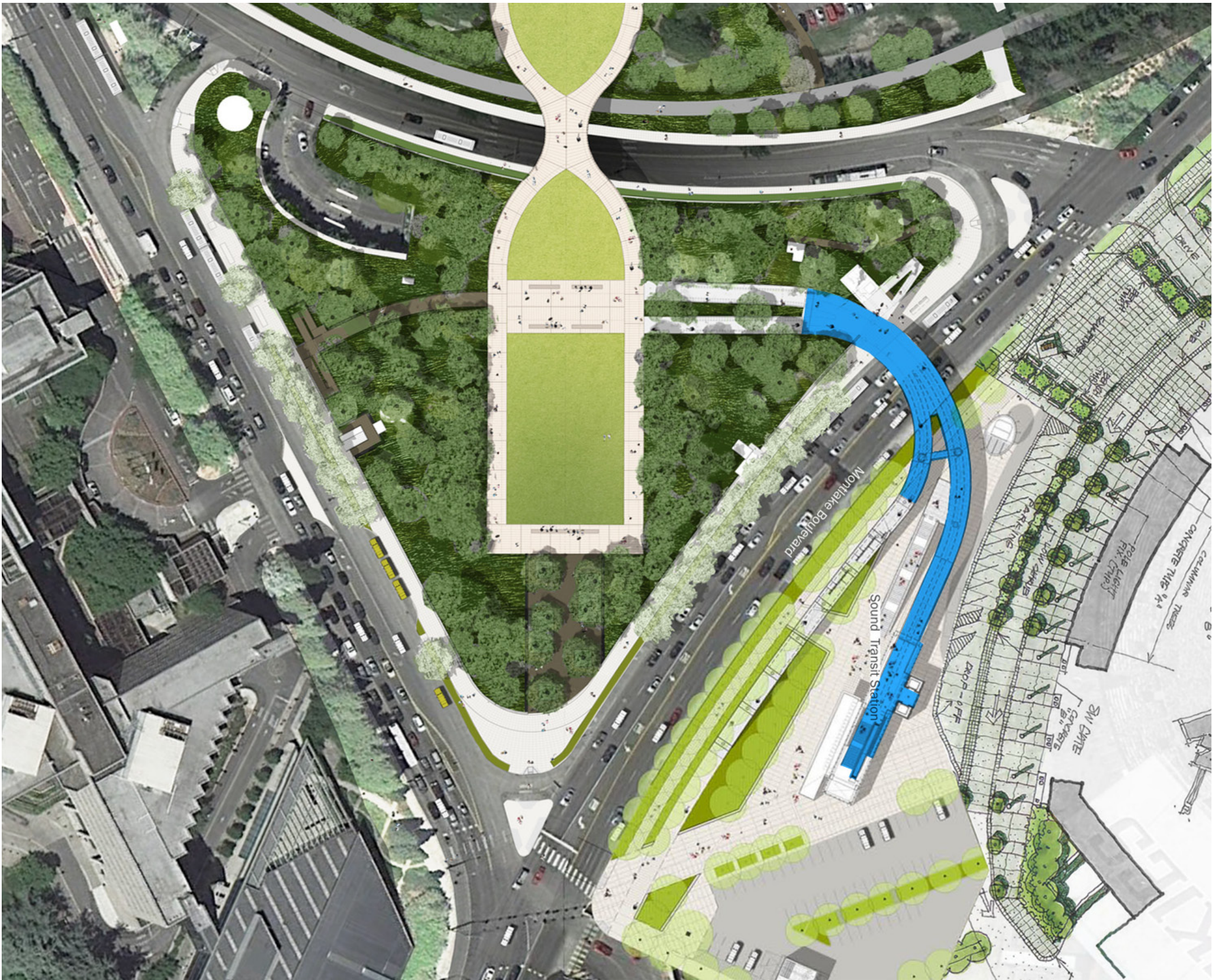
SCALE: 1/8" = 1'-0"

D
N21-AE230
N21-AG209

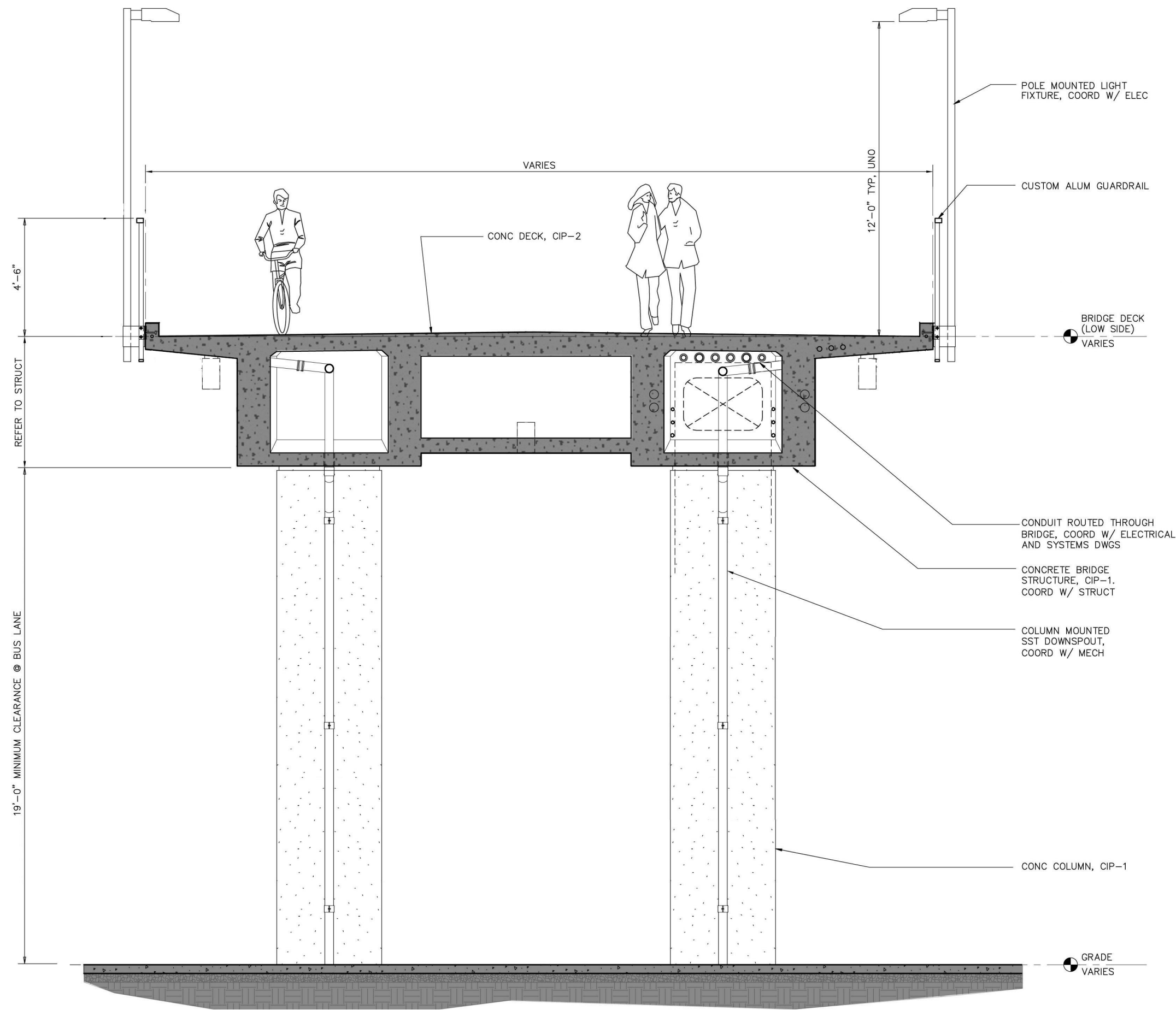
Elevator / Stair - View



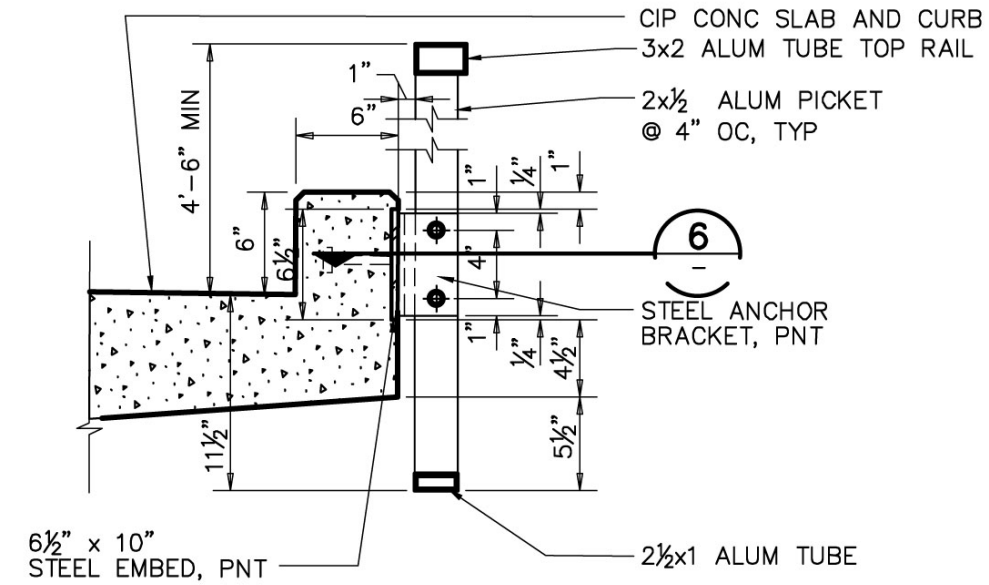
Bridge Deck



Typical Bridge Section

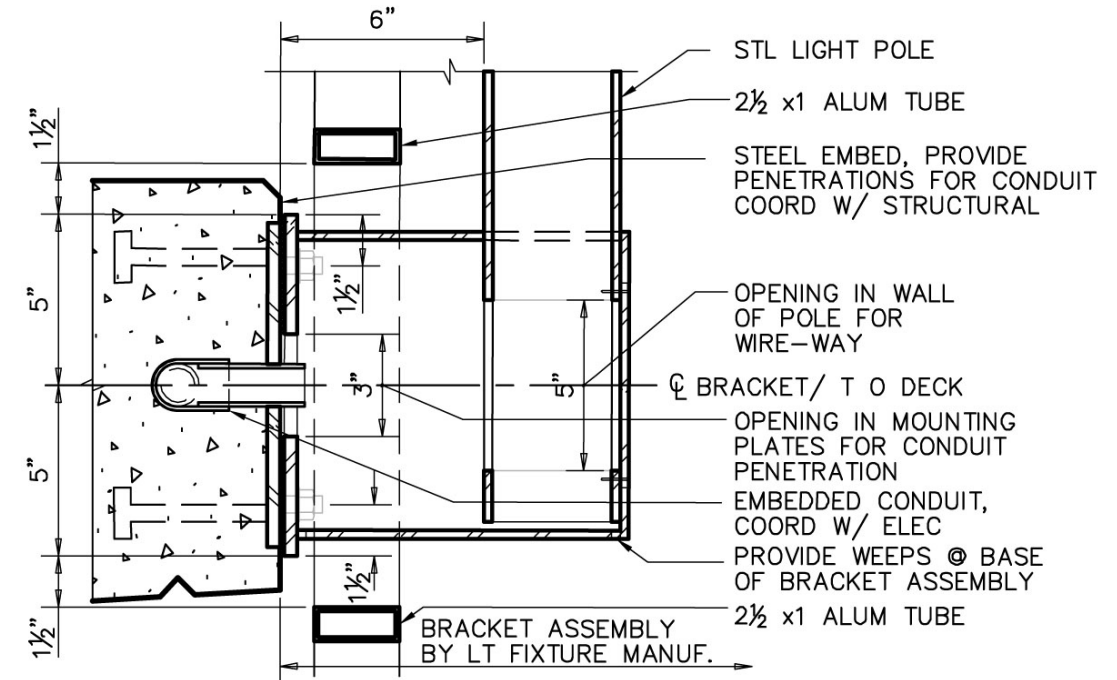


Bridge Details



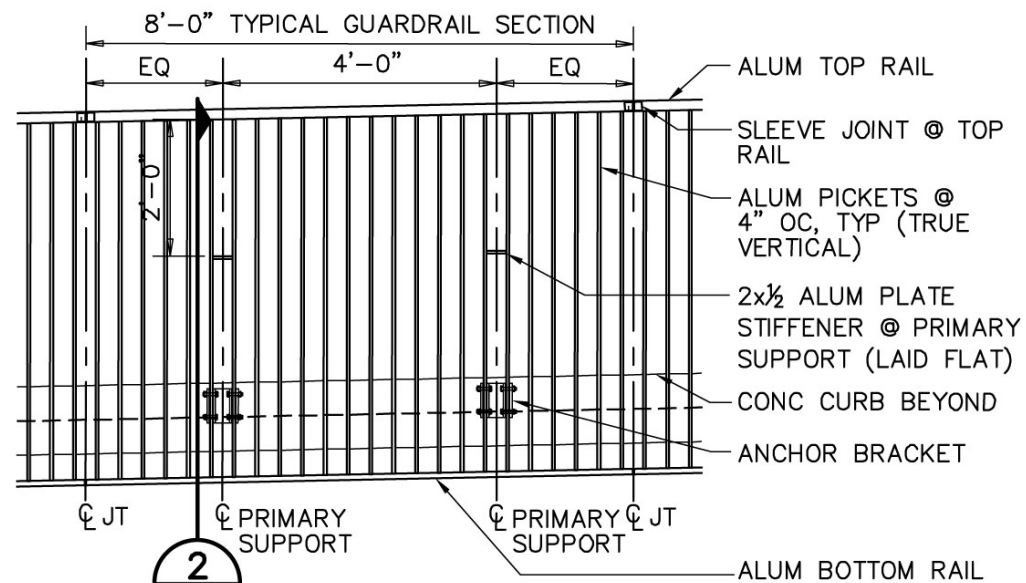
TYPICAL GUARDRAIL DETAIL

SCALE: 1 1/2" = 1'-0"



DETAIL @ LIGHT POLE MOUNT

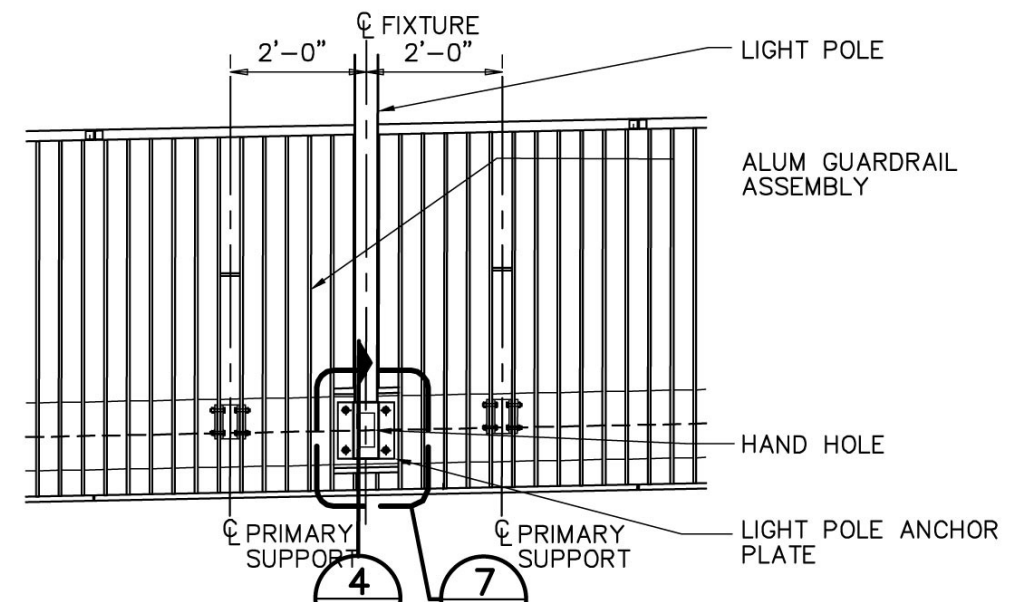
SCALE: 3" = 1'-0"



ELEVATION DETAIL @ GUARDRAIL

SCALE: $\frac{1}{2}" = 1'-0"$

N21-AD570
N21-AD611



ELEVATION DETAIL @ LIGHT POLE

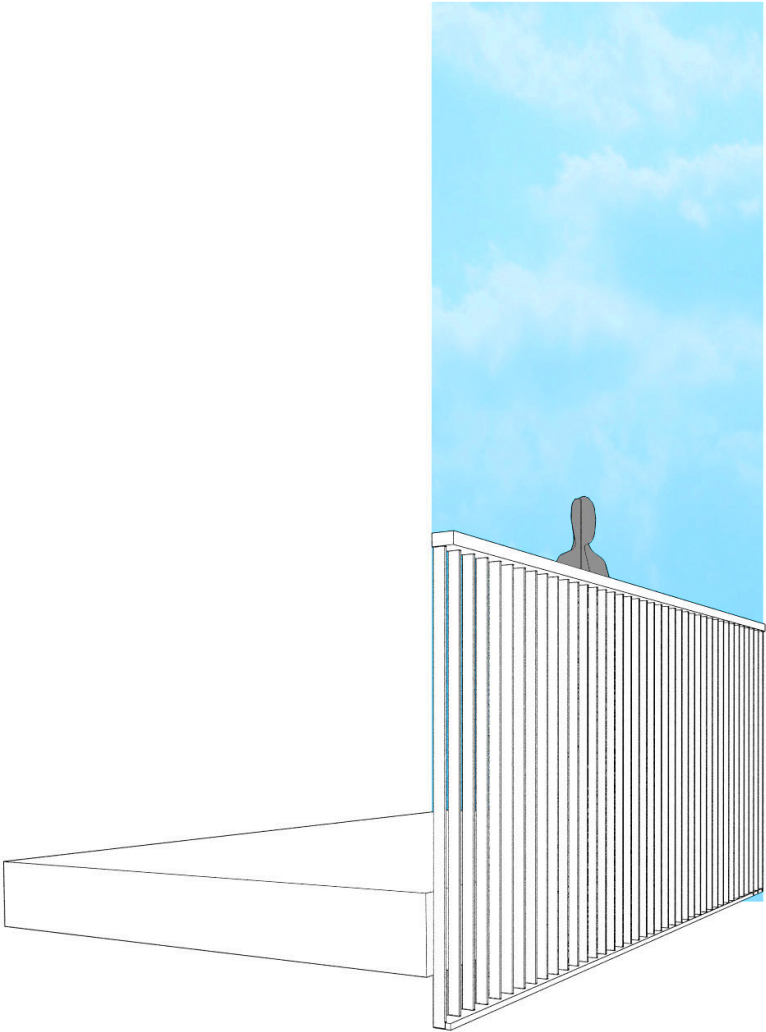
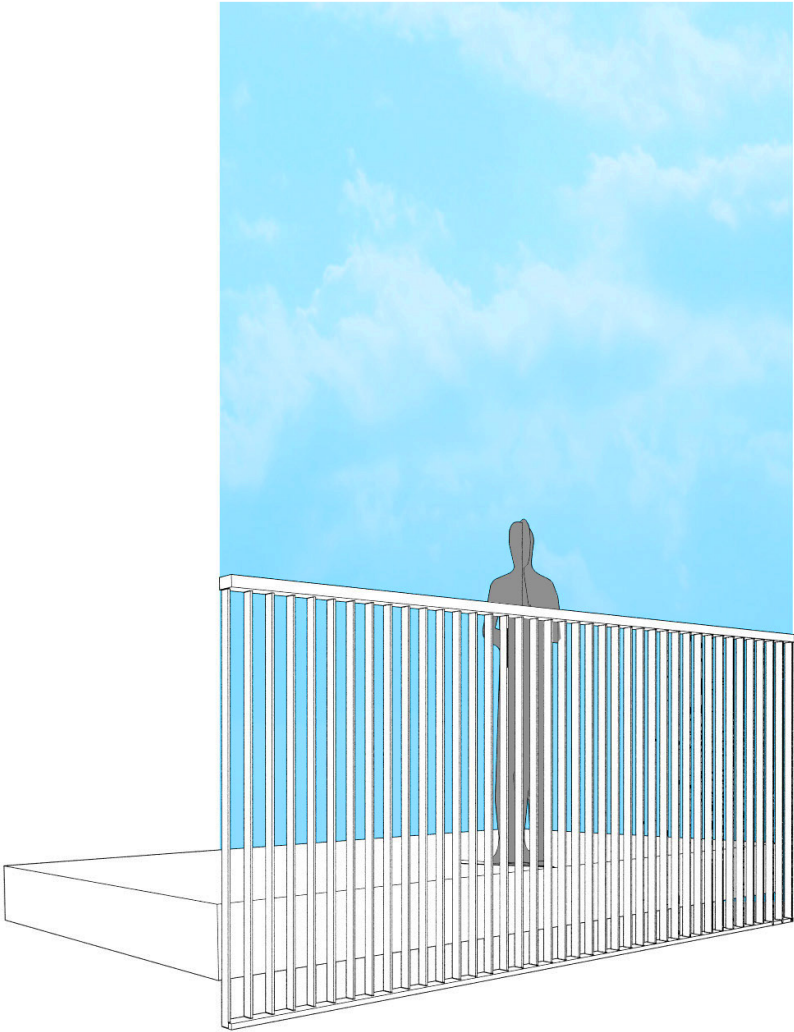
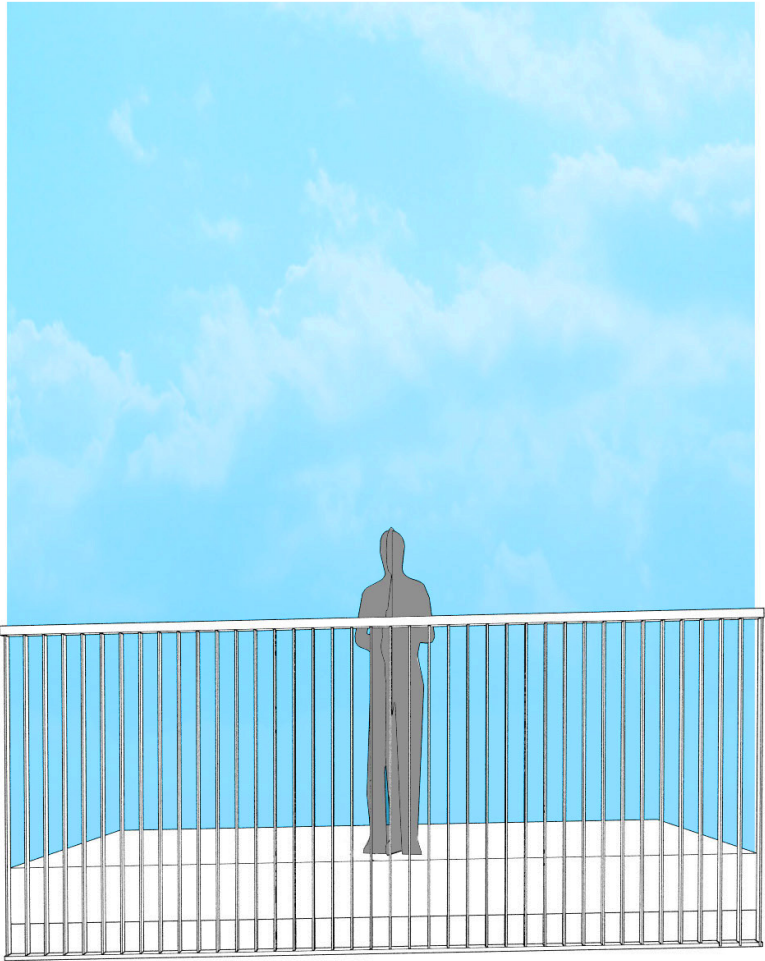
SCALE: $\frac{1}{2}" = 1'-0"$

N21-AD570
N21-AD560

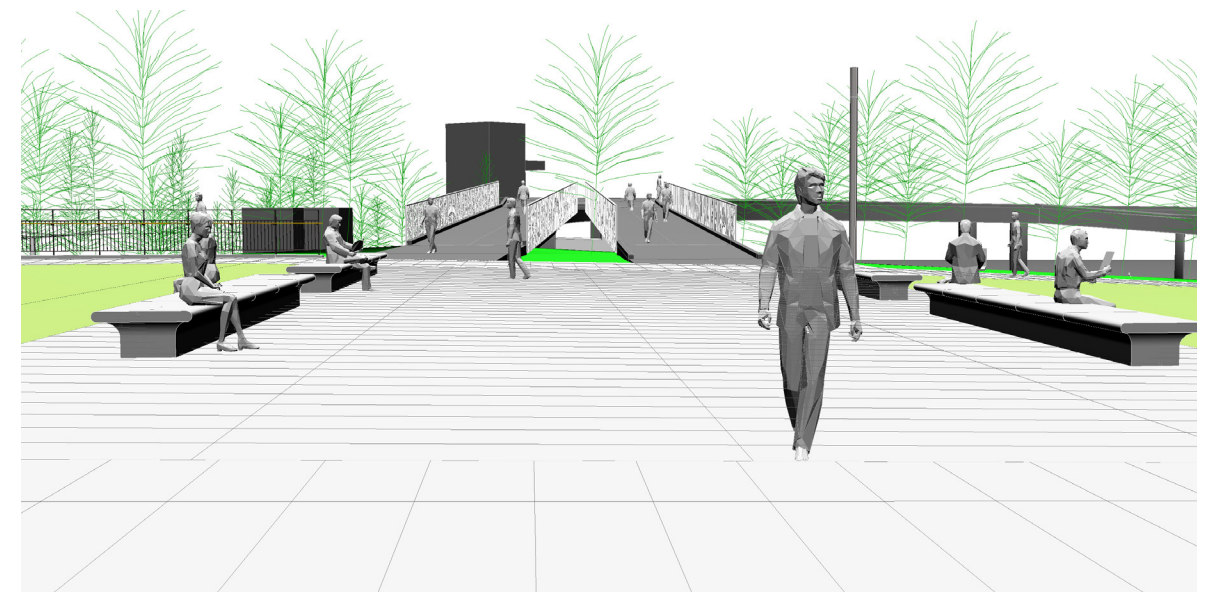
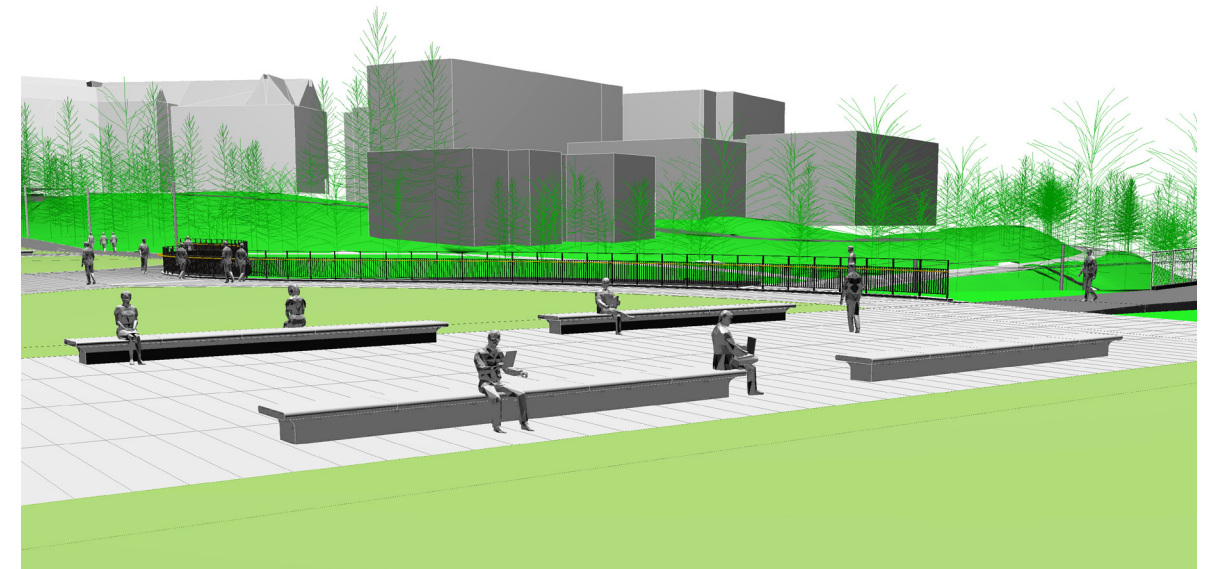
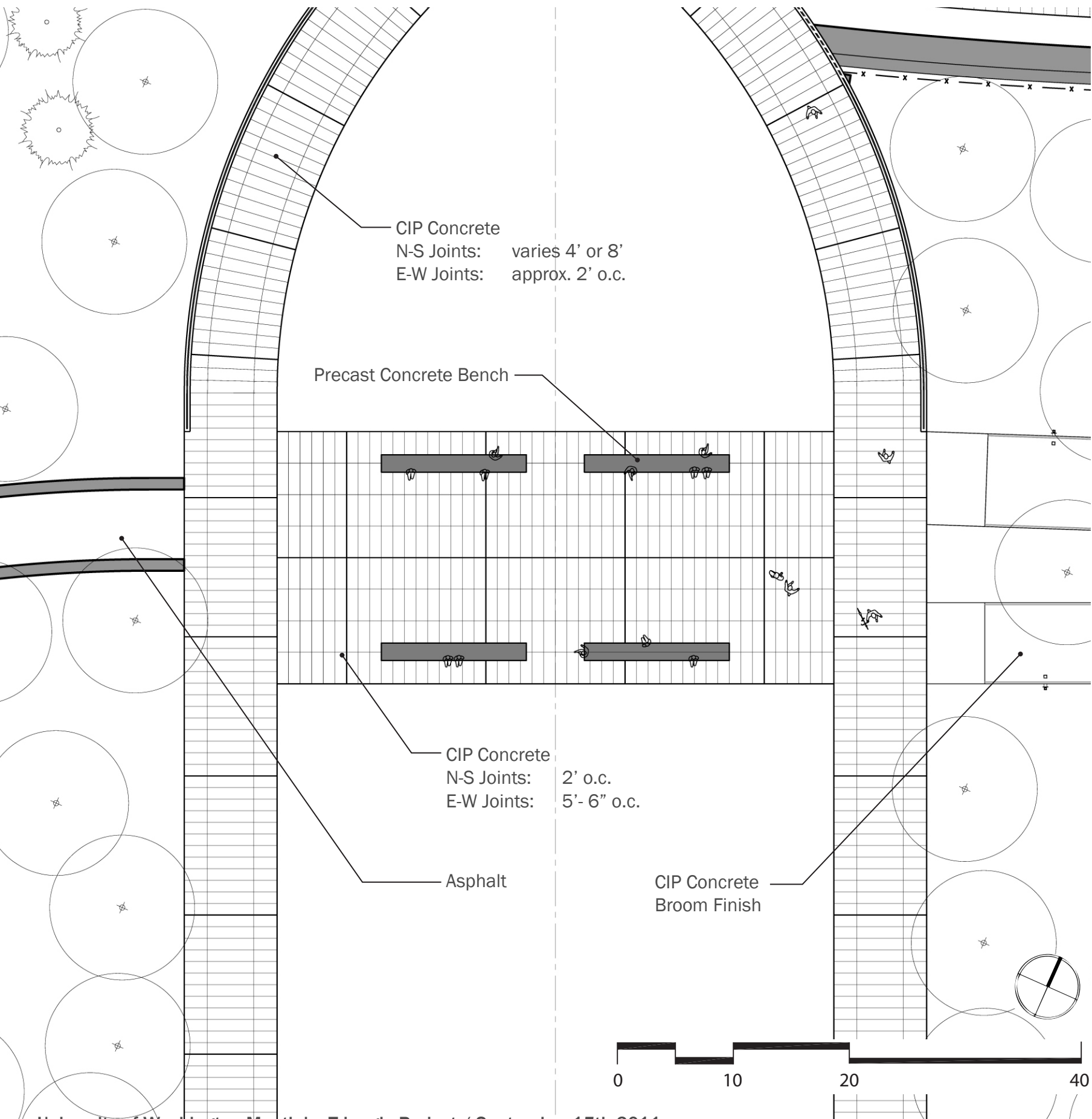
Bridge View



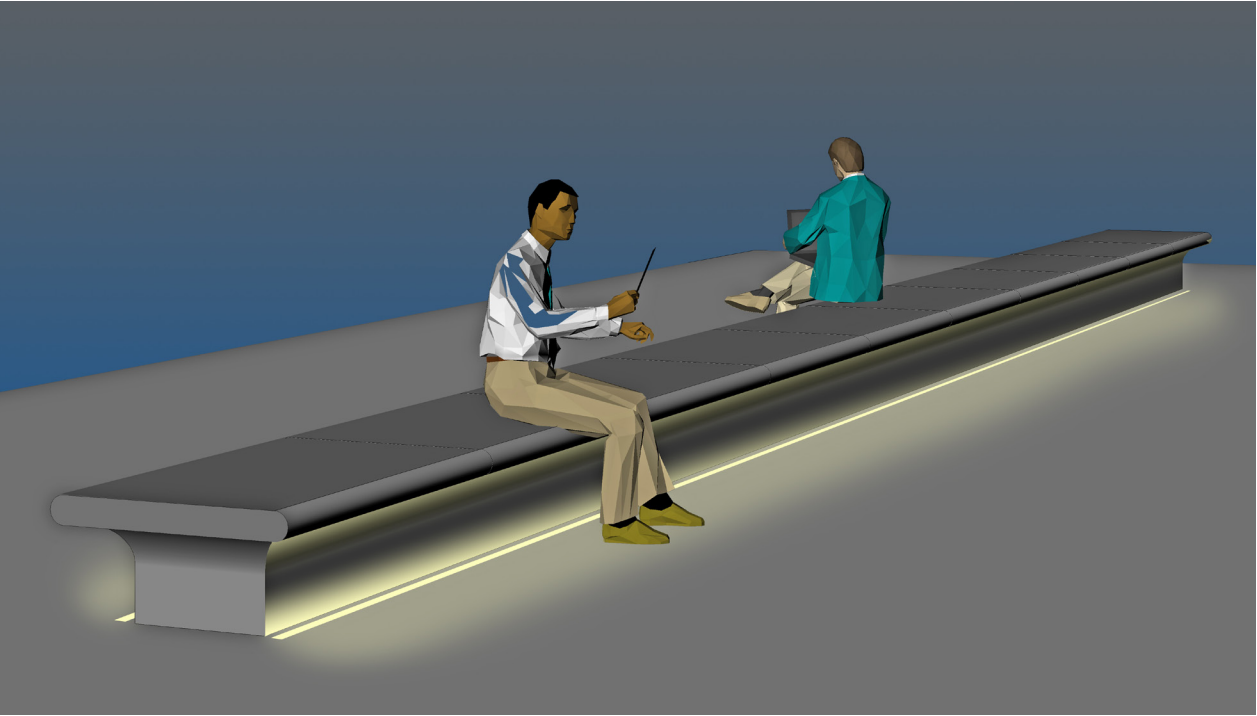
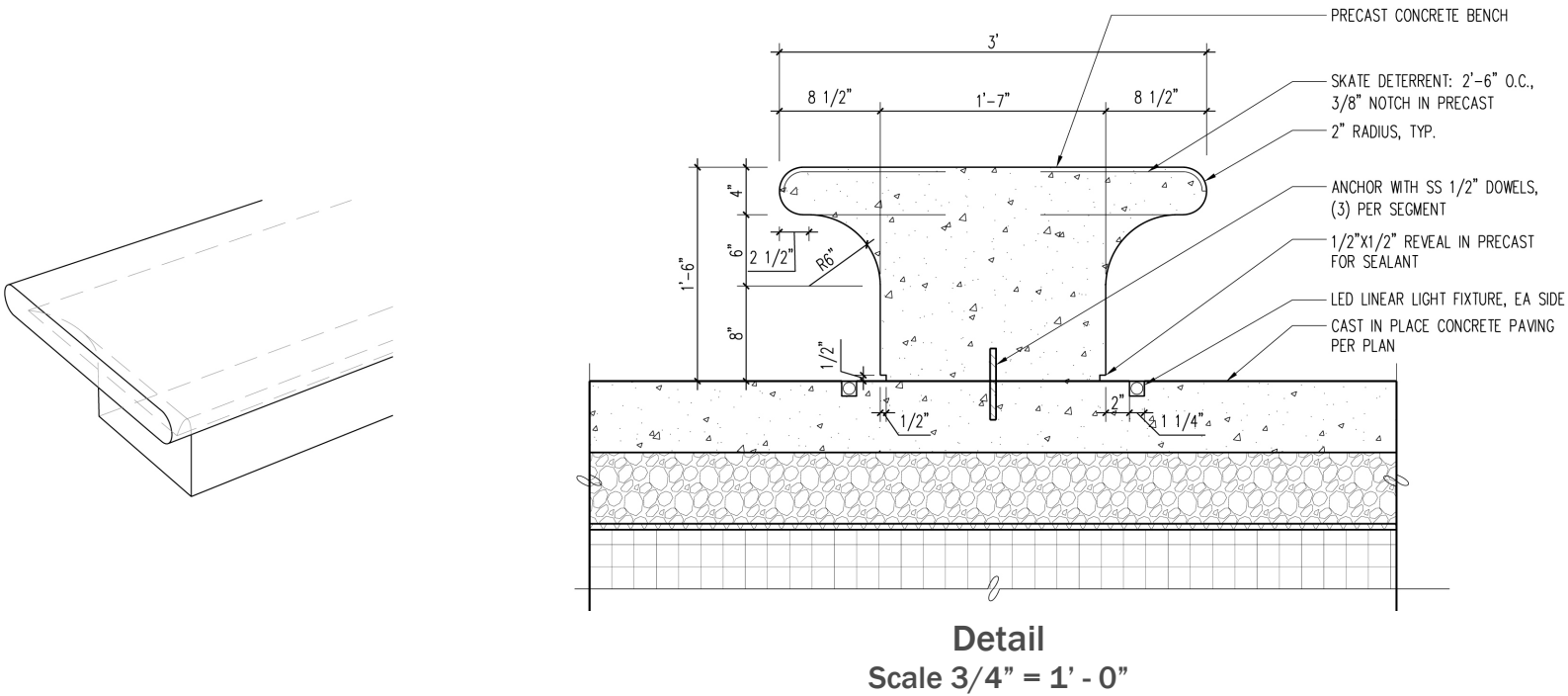
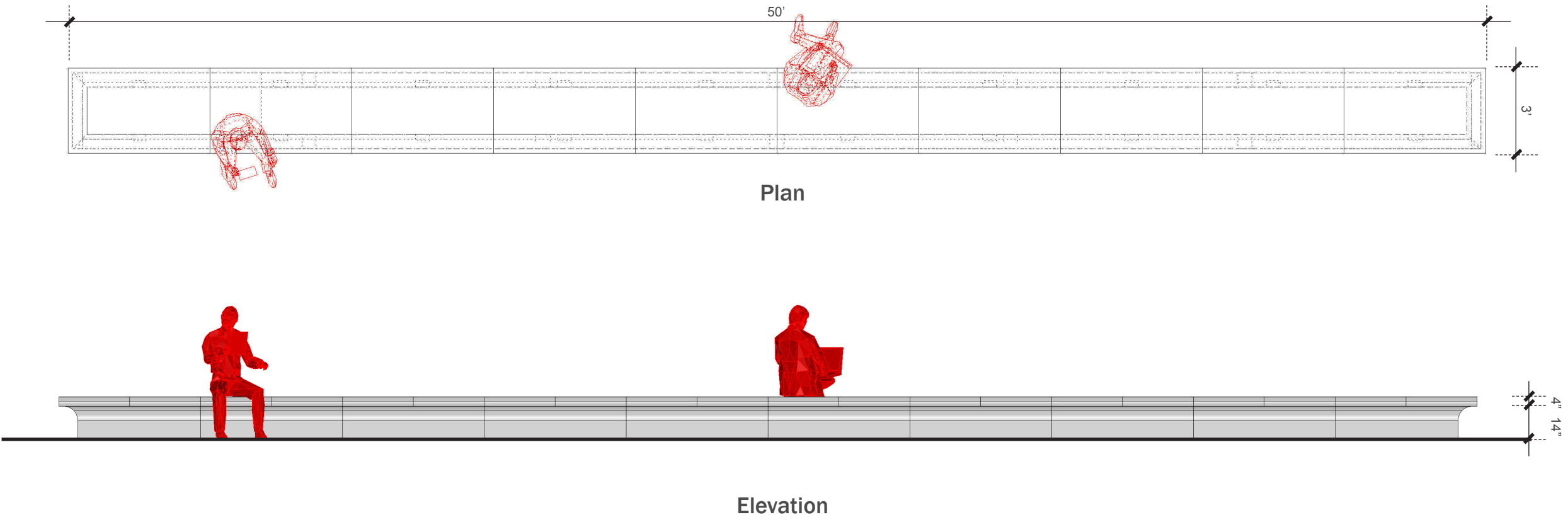
Railing Views



2 Mixing Plaza - South



Bench - Precast Concrete Bench

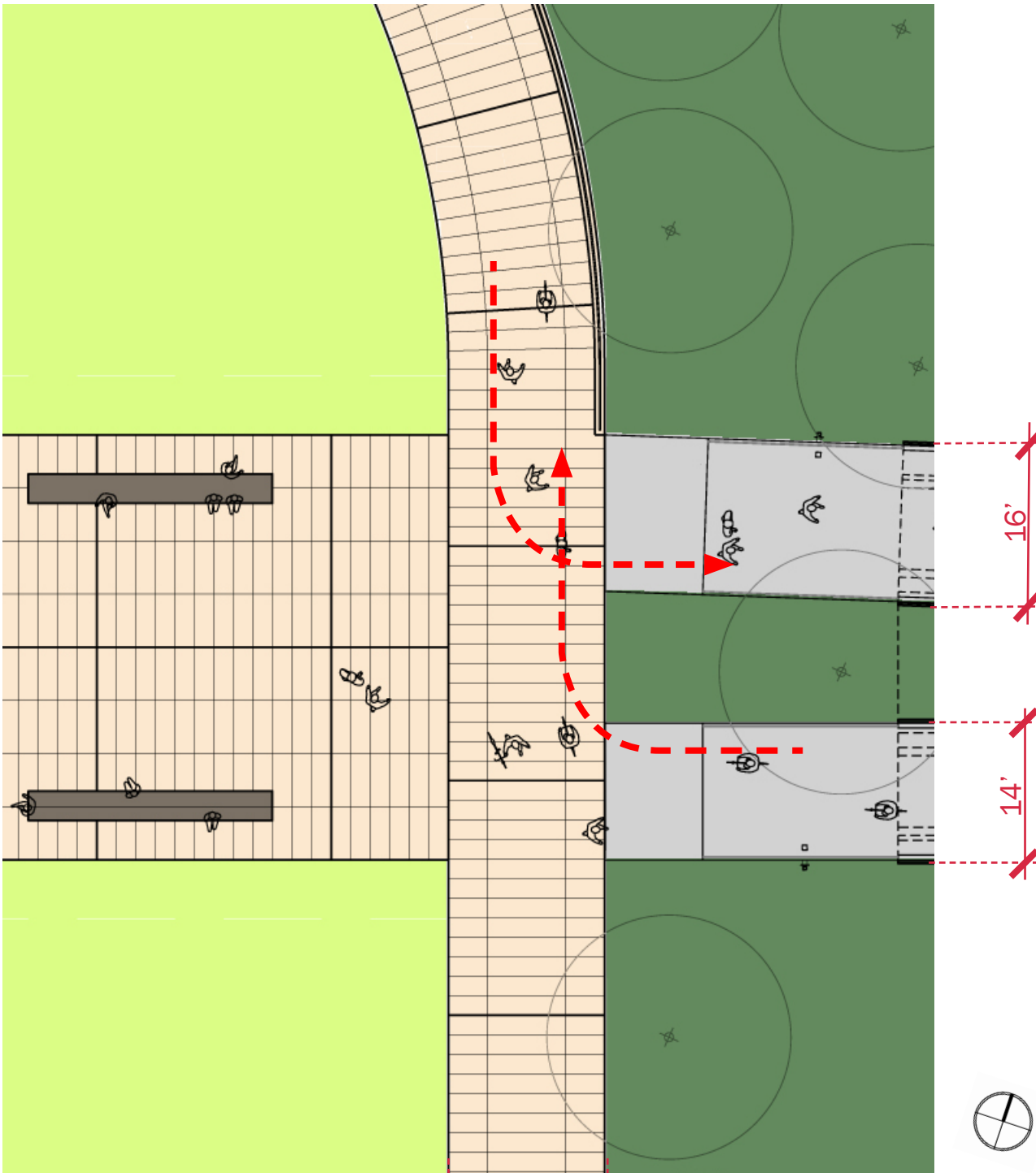


Pedestrian and Bicycle Movement



0' 16'

University St + Second Ave



0' 16'

16'

16'

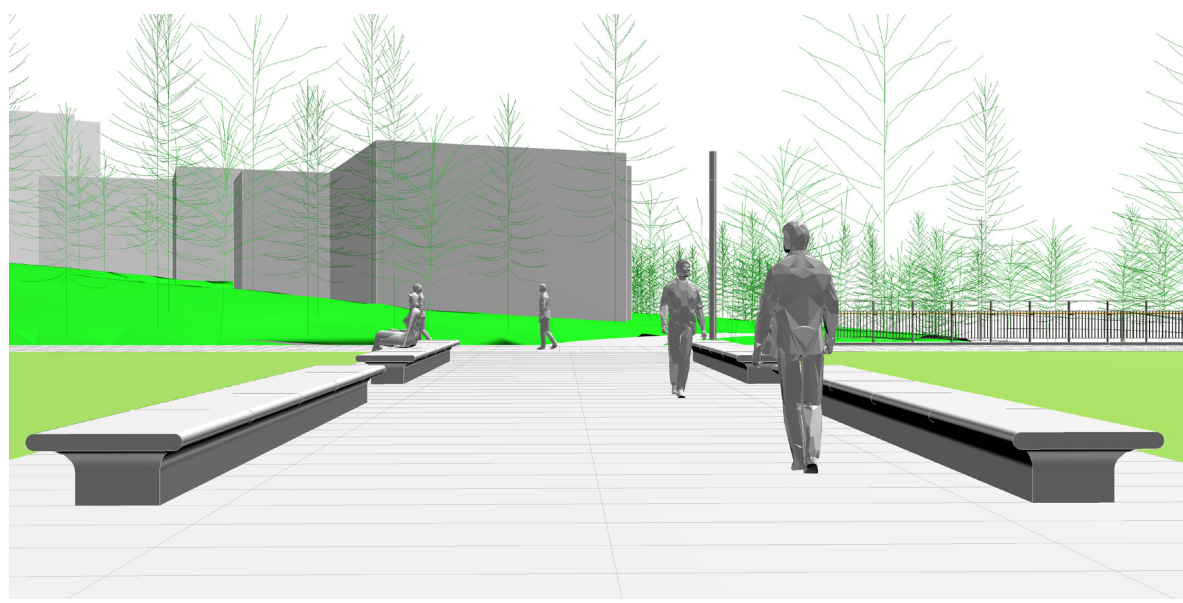
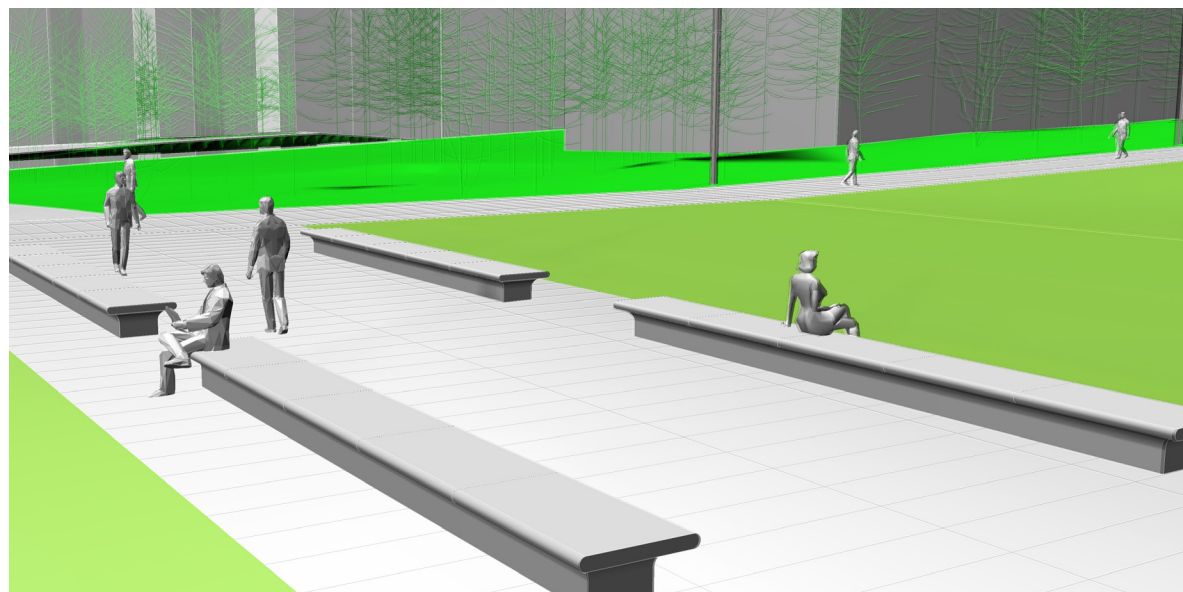
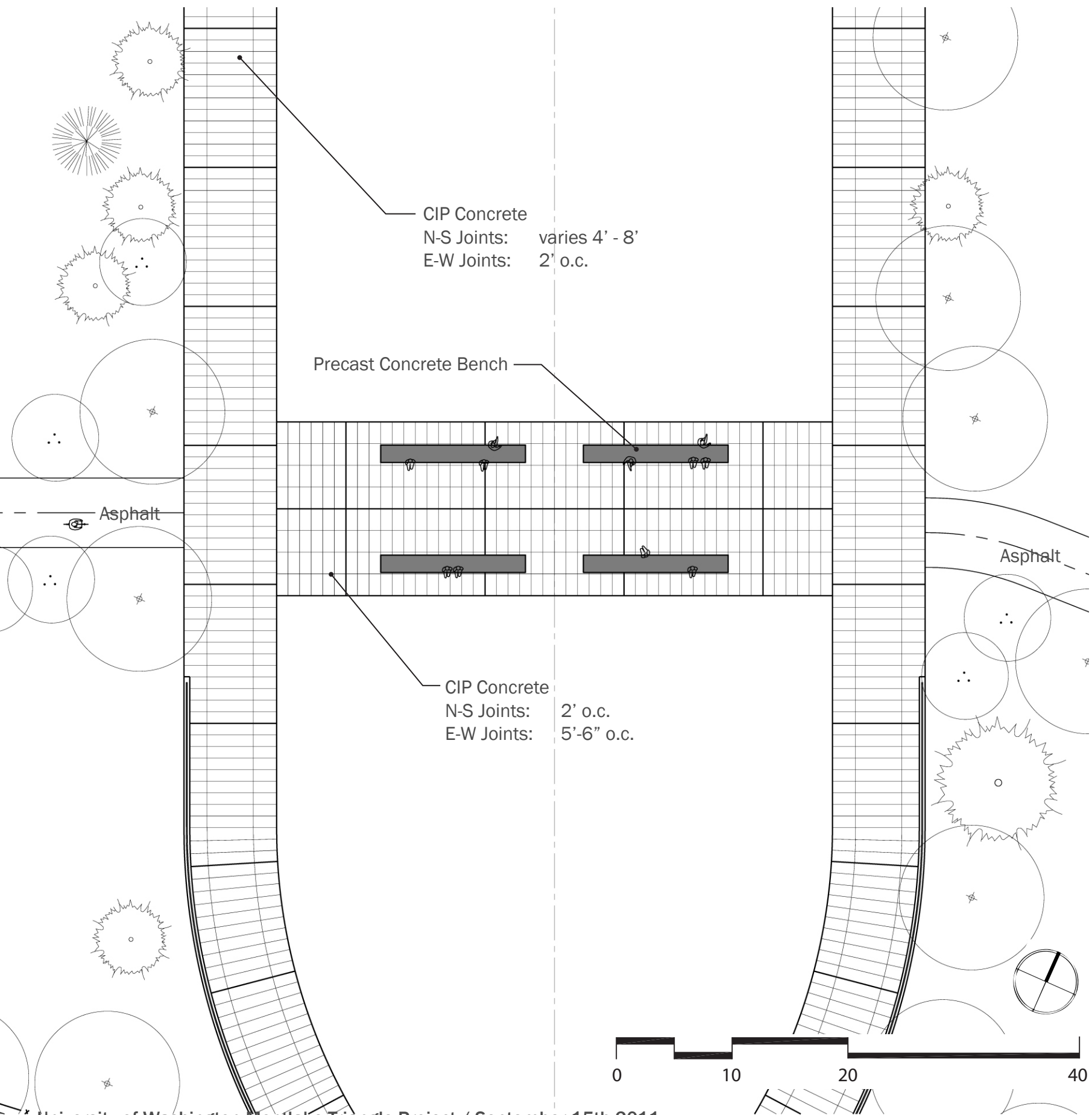
14'



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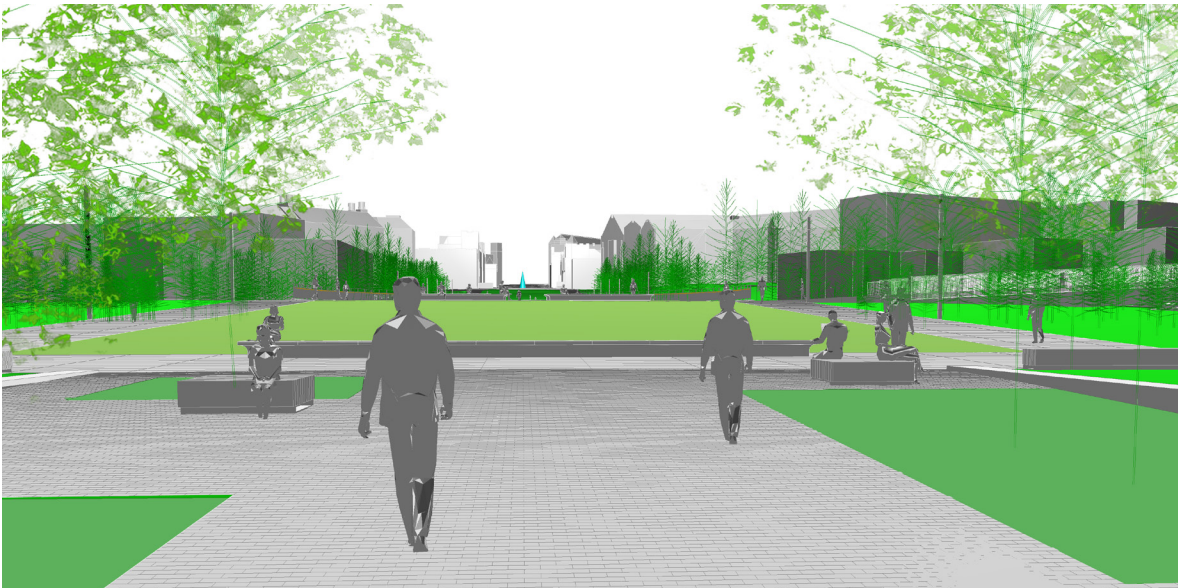
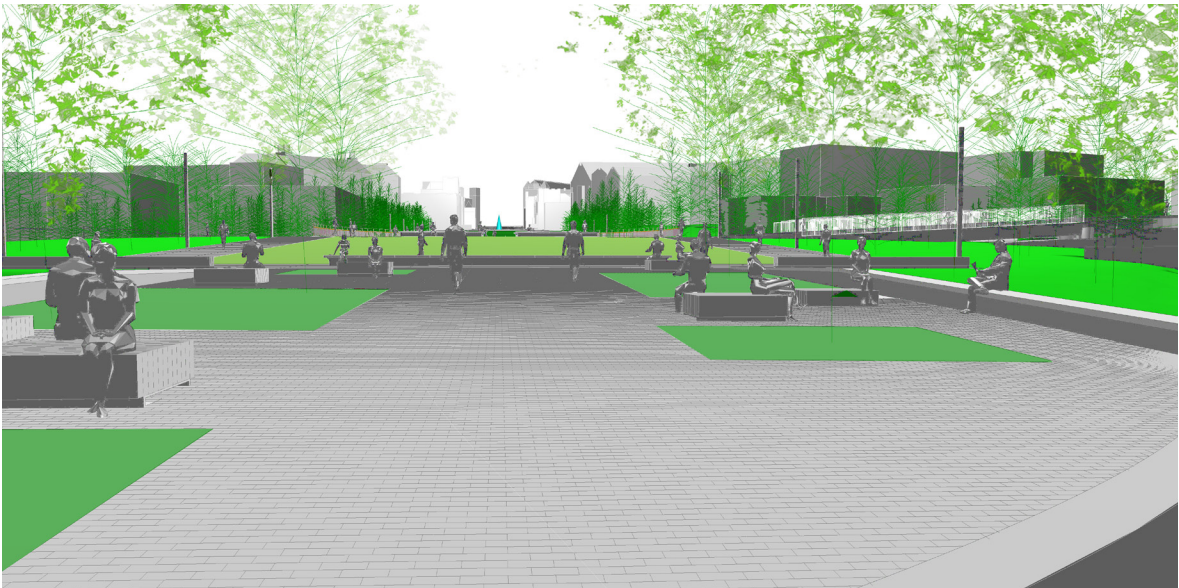
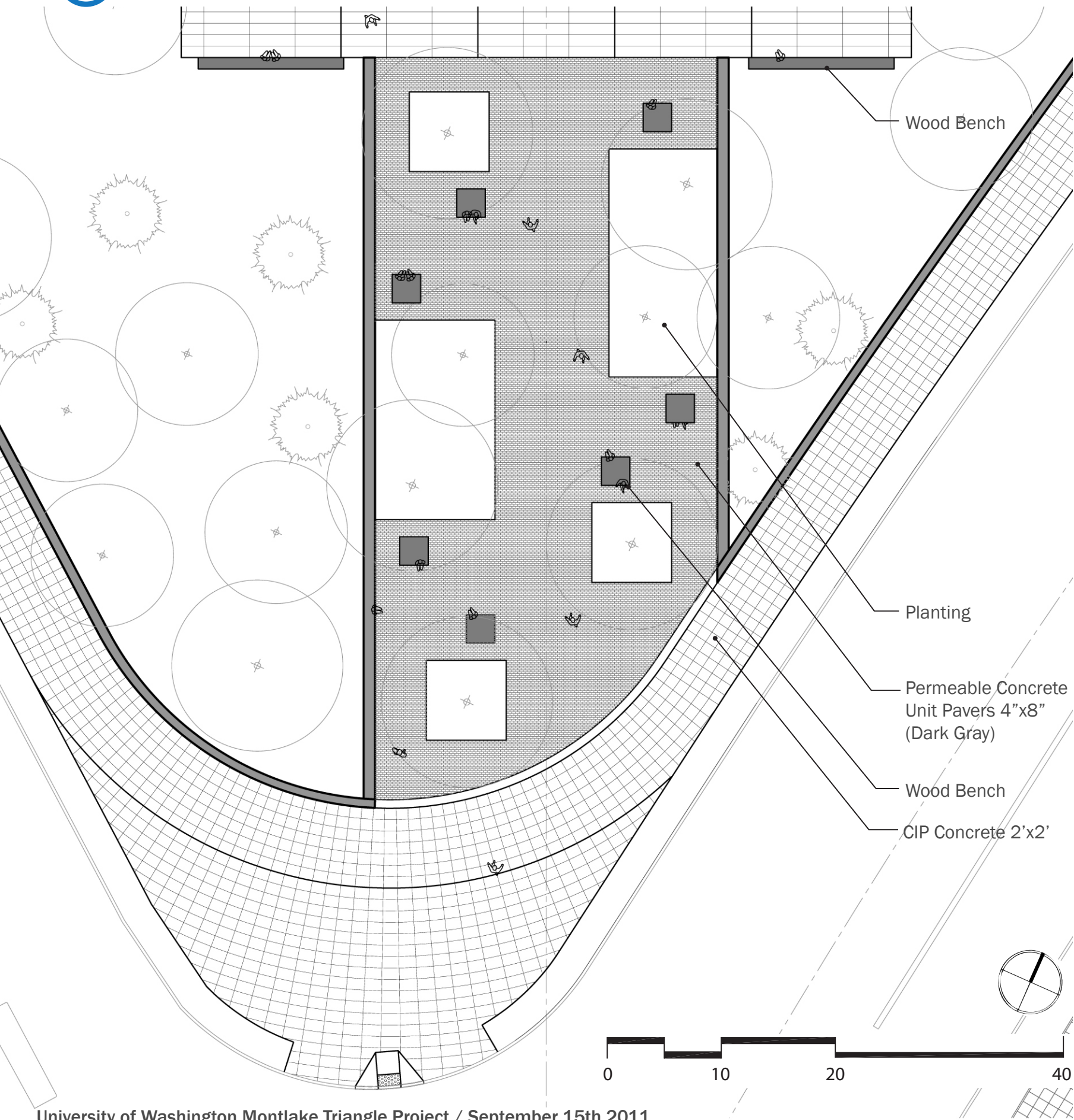


3 Mixing Plaza - North

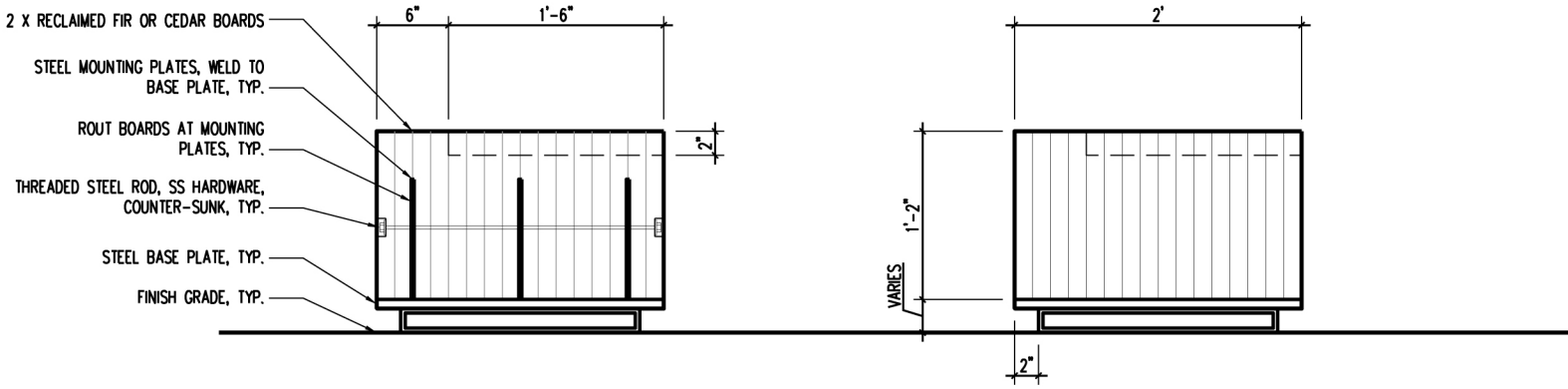
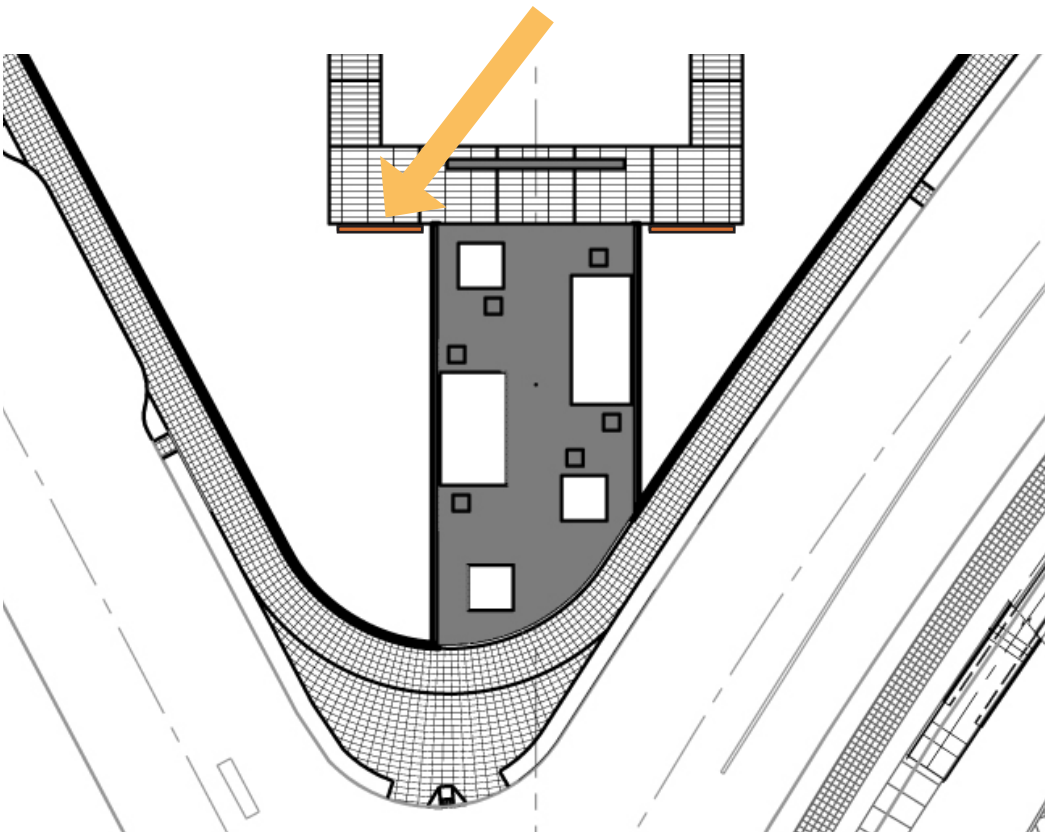


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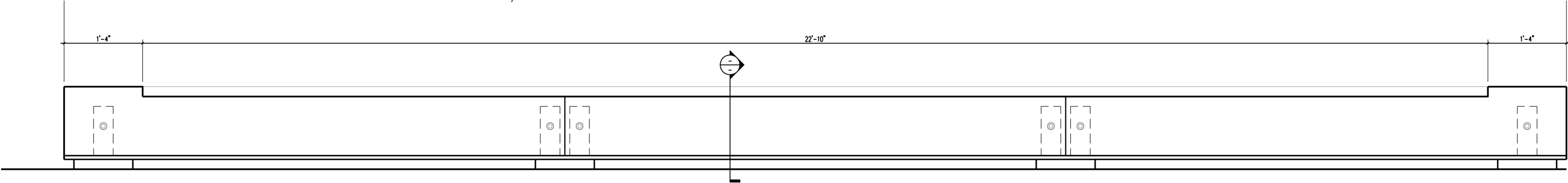
Montlake Entry Court



Bench - Wood Bench Type 1

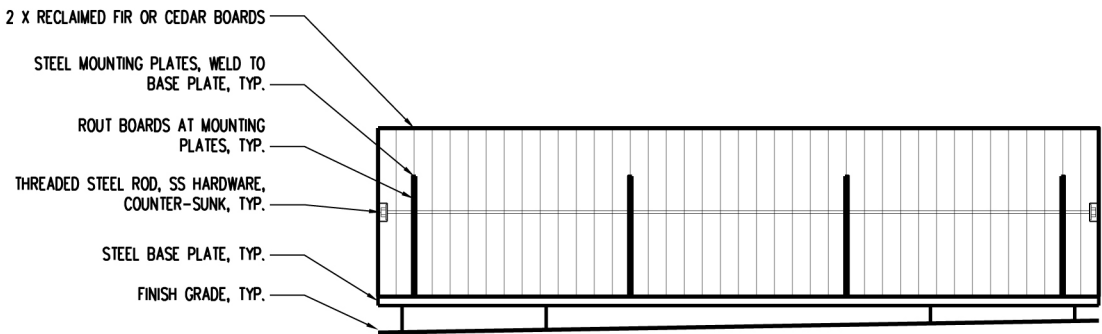


Detail
Scale 3/4" = 1' - 0"

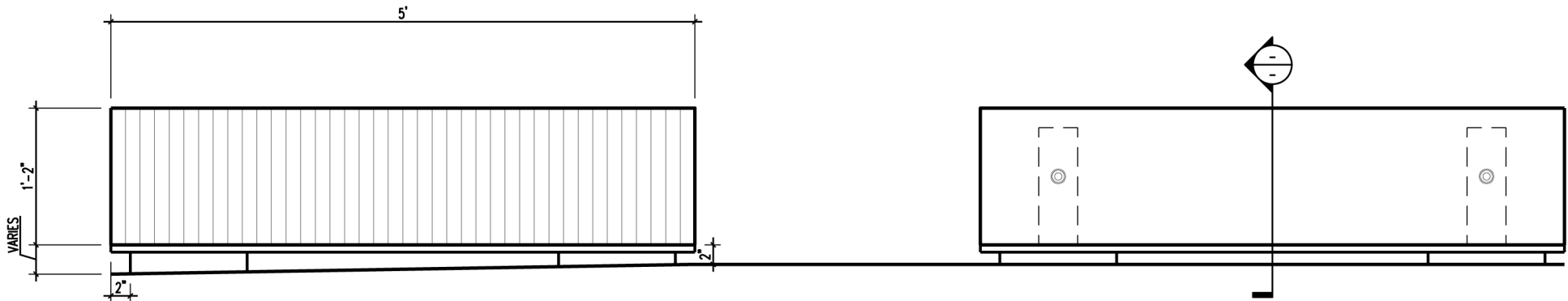


Elevation - NTS

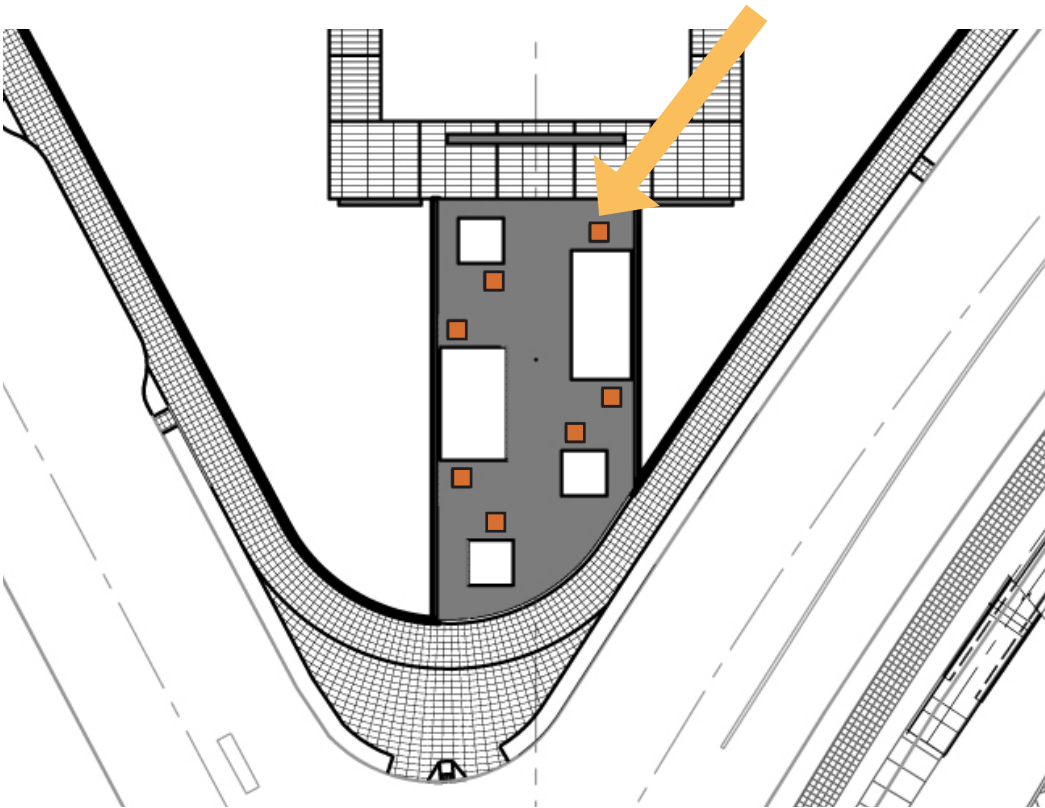
Bench - Wood Bench Type 2



Detail
Scale 3/4" = 1' - 0"



Elevation
Scale 3/4" = 1' - 0"



Section/Elevations

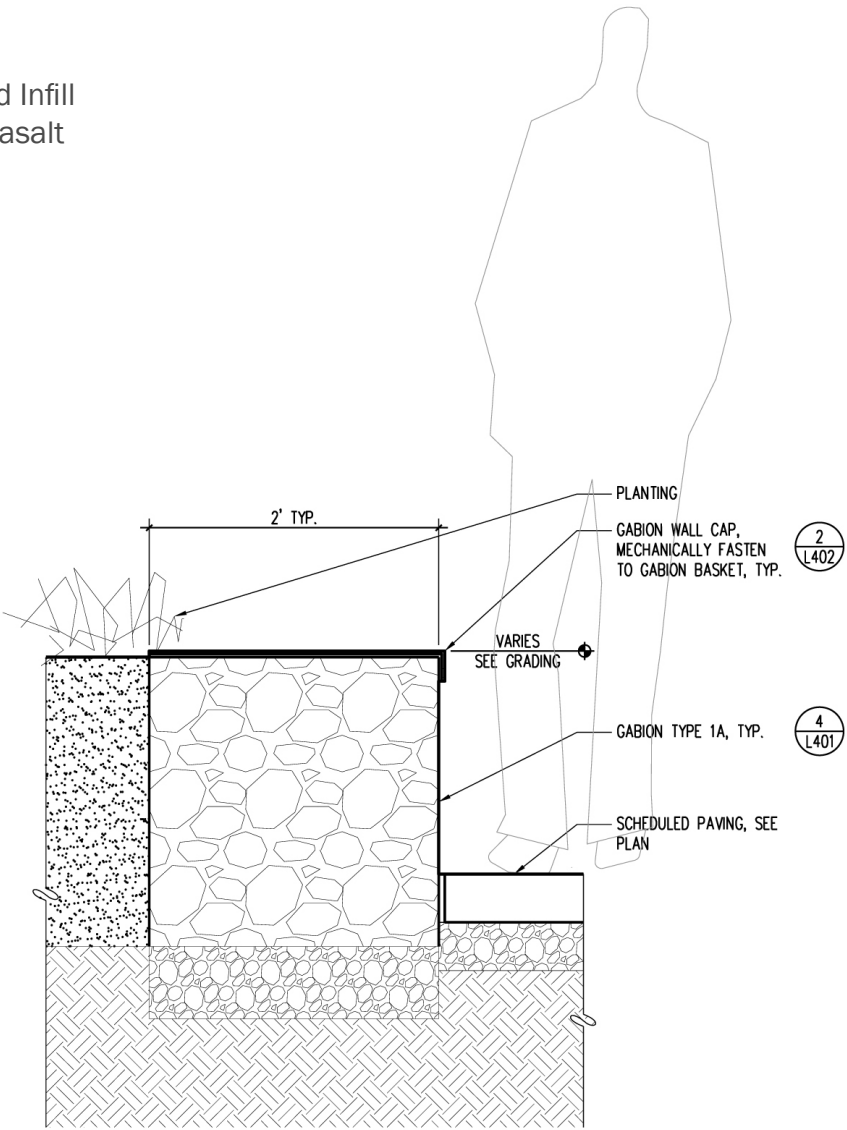


Gabion Walls



2' Steel Gabion Wall Cap with Integral Skate Deterrant

2' x 2' x 2' Gabion Basket with Coursed Infill (Crushed Basalt, Crushed Brick, and Basalt Spalls)



PLANTING
GABION WALL CAP, MECHANICALLY FASTEN TO GABION BASKET, TYP. (2) L402

GABION TYPE 1A, TYP. (4) L401

SCHEDULED PAVING, SEE PLAN

1 DETL: GABION SEAT WALL
SCALE: 3/4" = 1'-0"

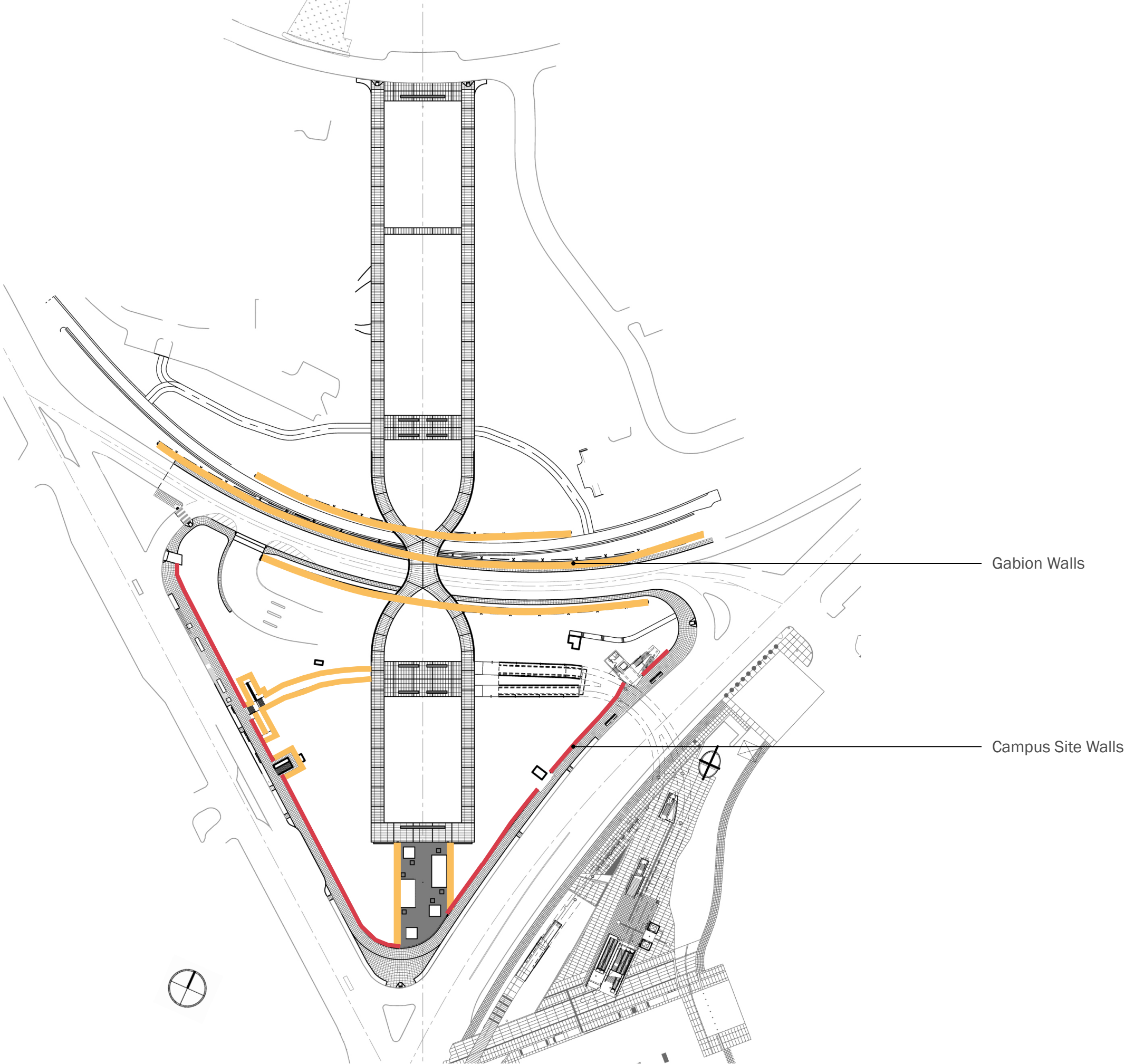


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Wall Types



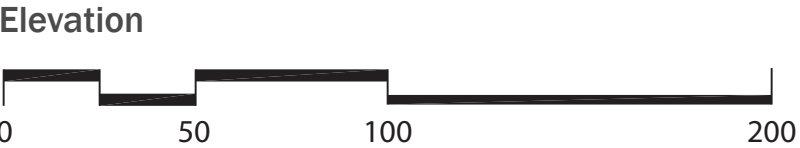
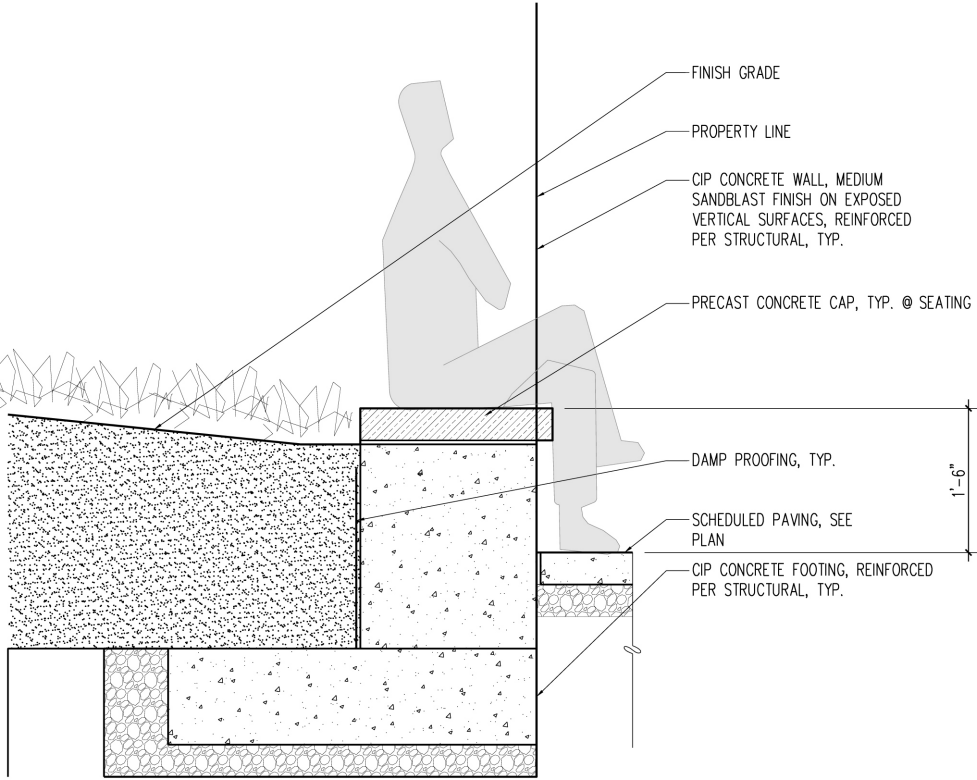
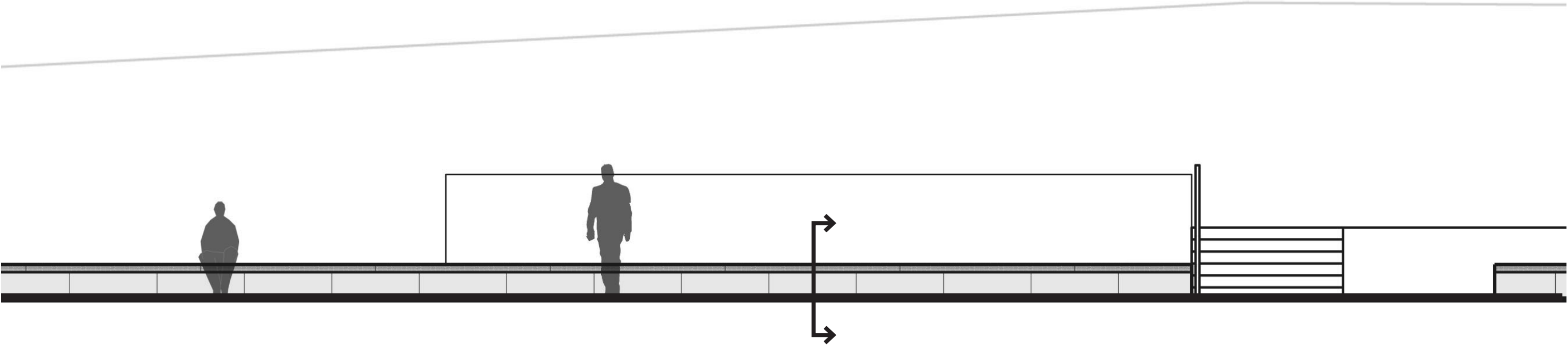
Framing Edge



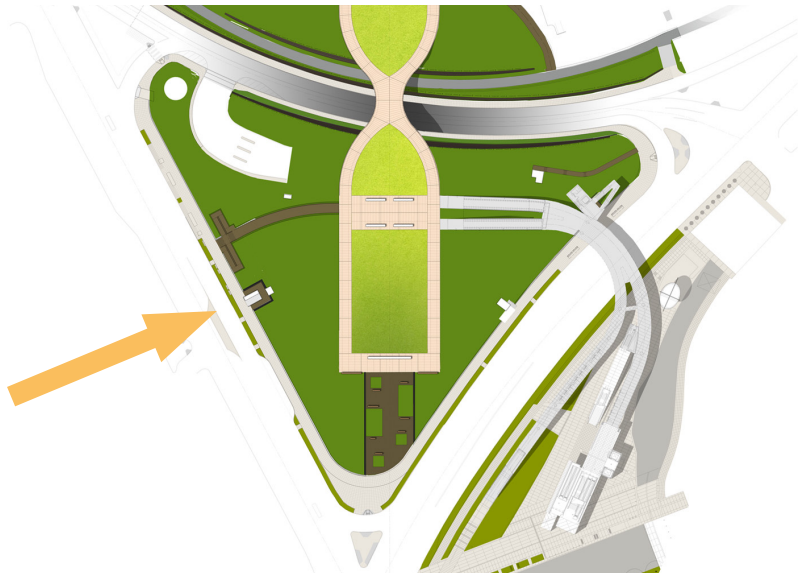
Gabion Walls

Campus Site Walls

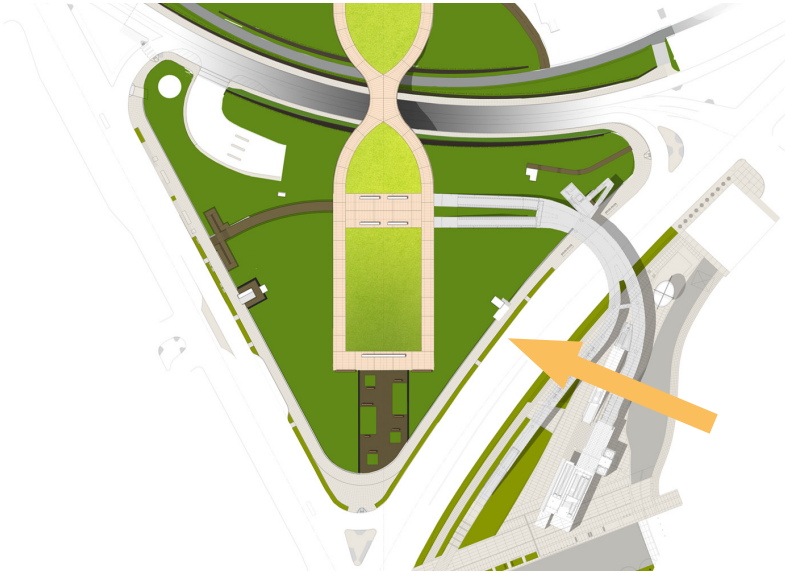
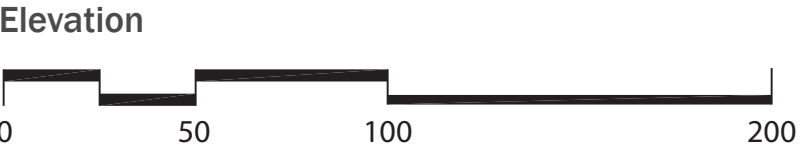
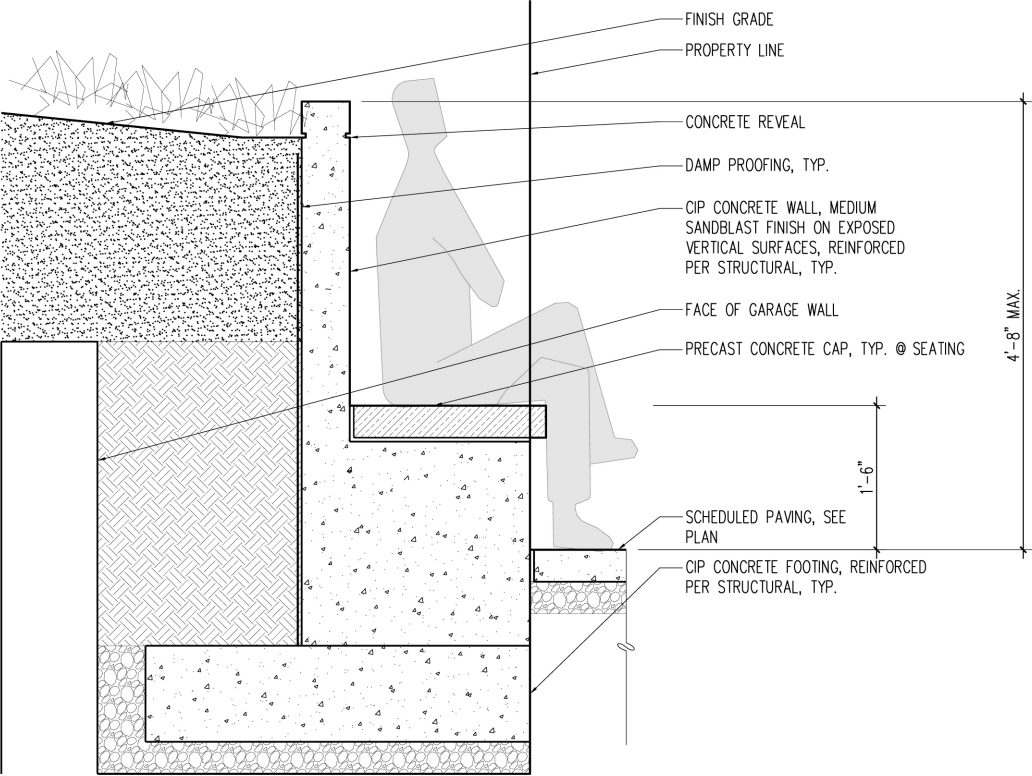
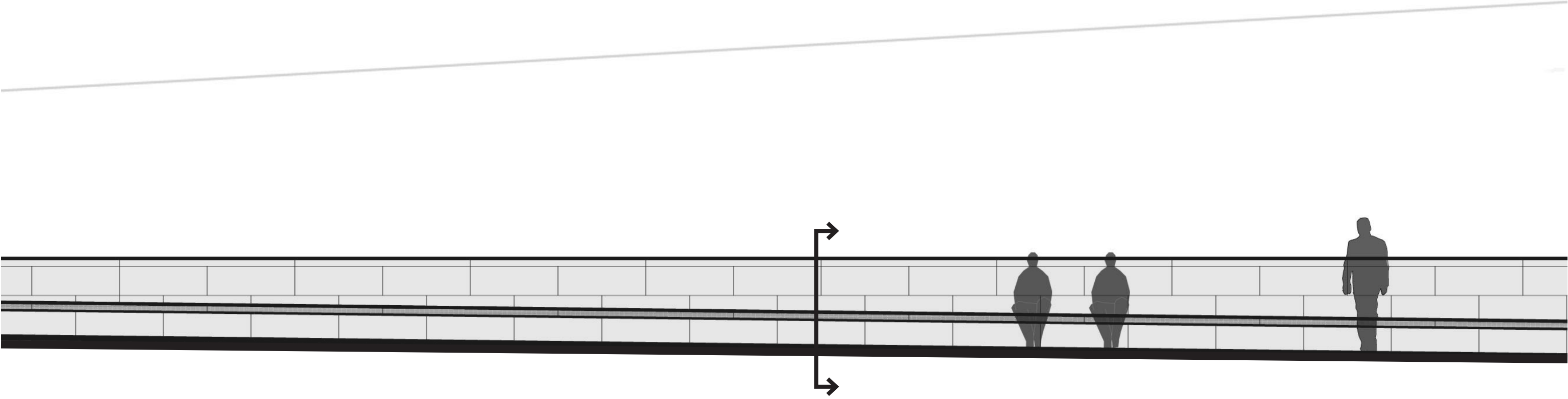
Campus Site Walls - Pacific Street



1 DETL: PRECAST SEAT CAP OVER CAST-IN-PLACE CONCRETE WALL
SCALE: 1/2" = 1' - 0"

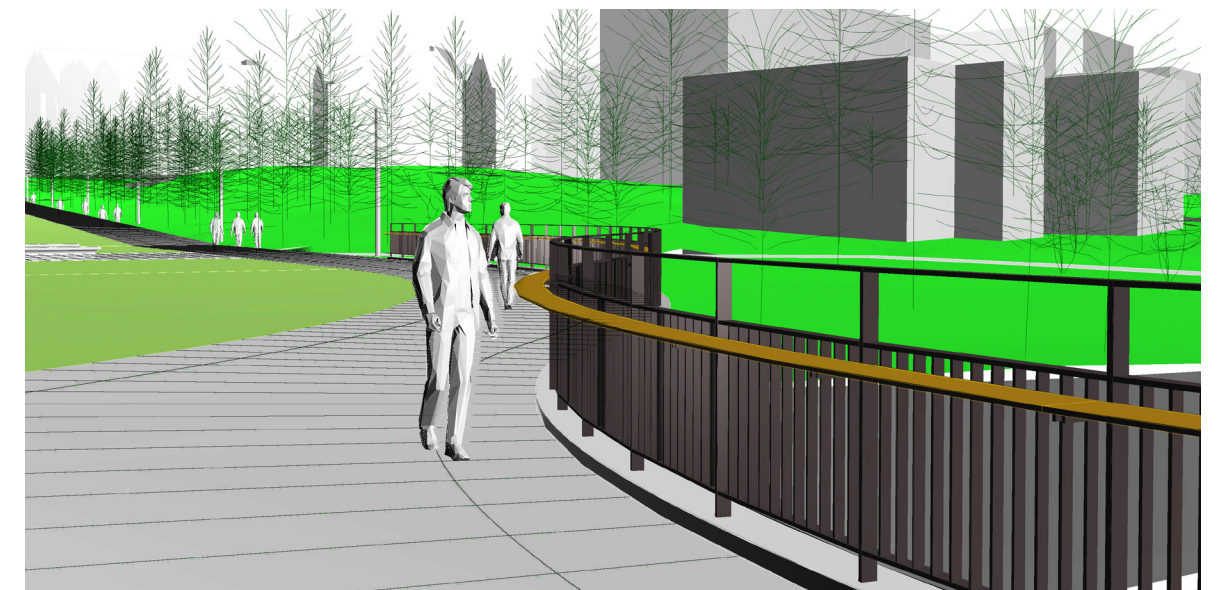
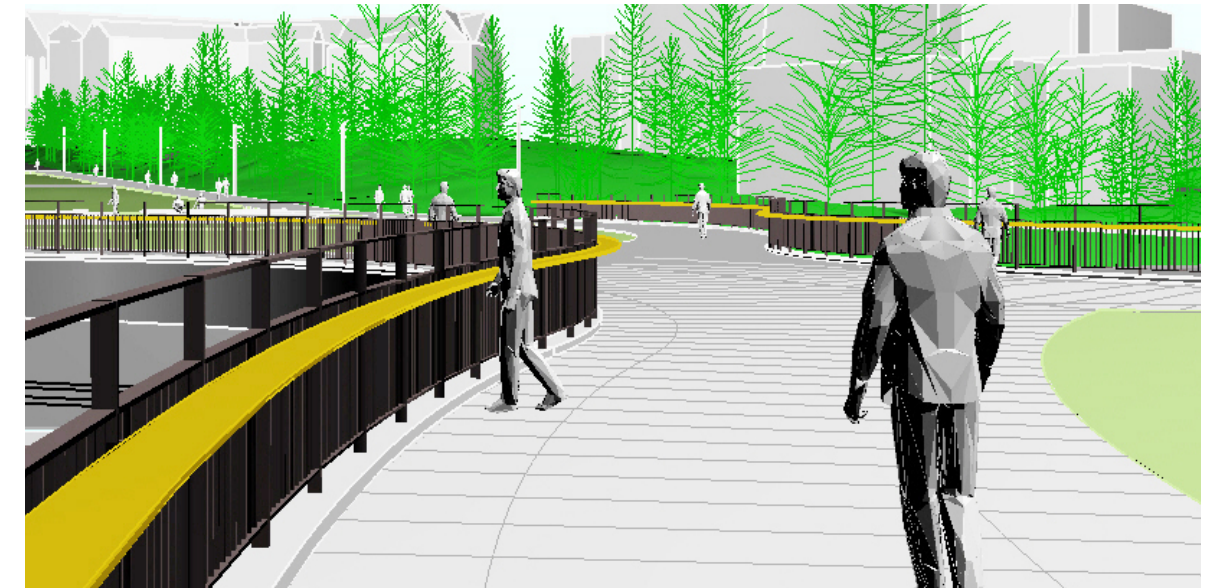
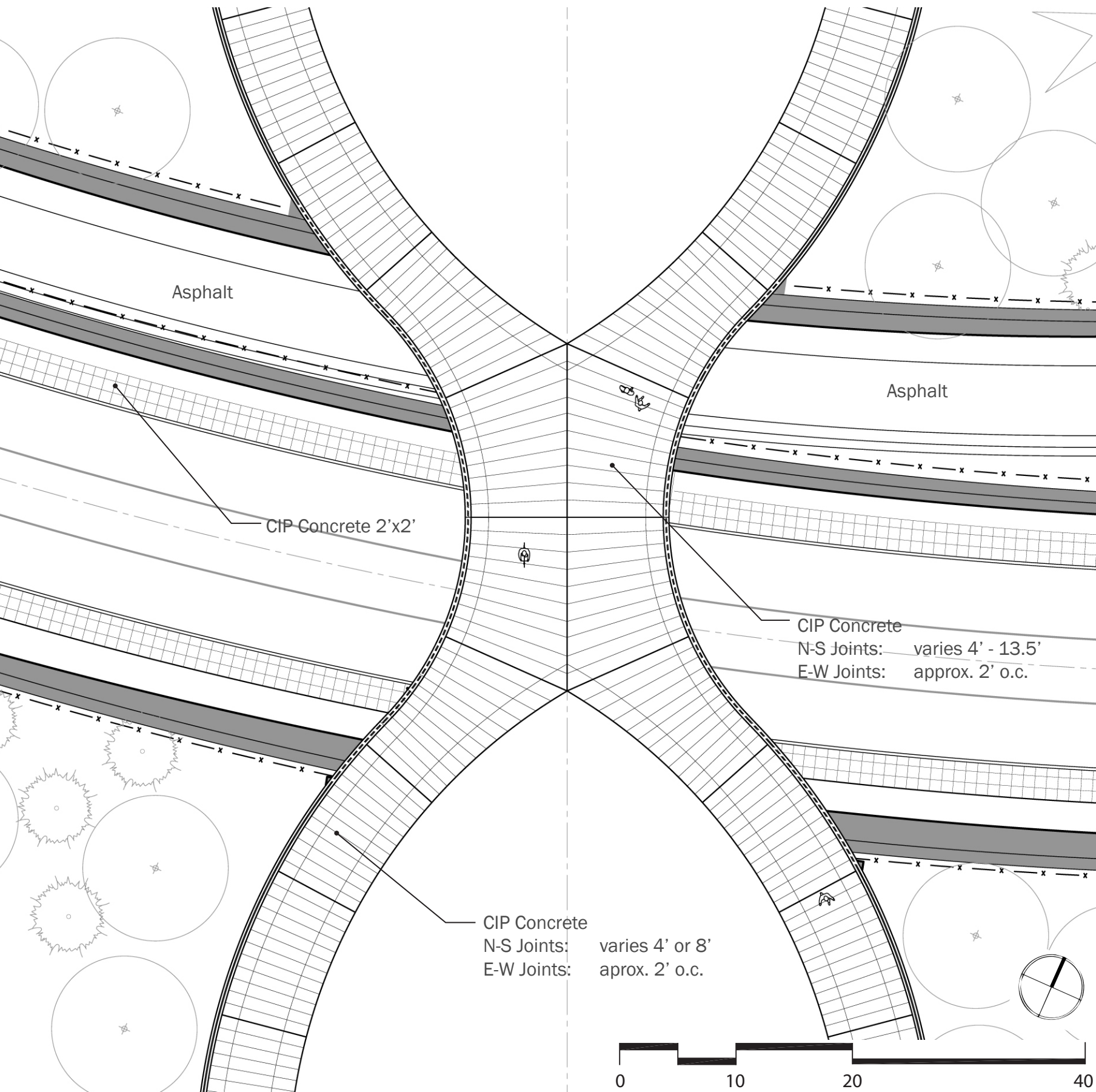


Campus Site Walls - Montlake Blvd. - Option A

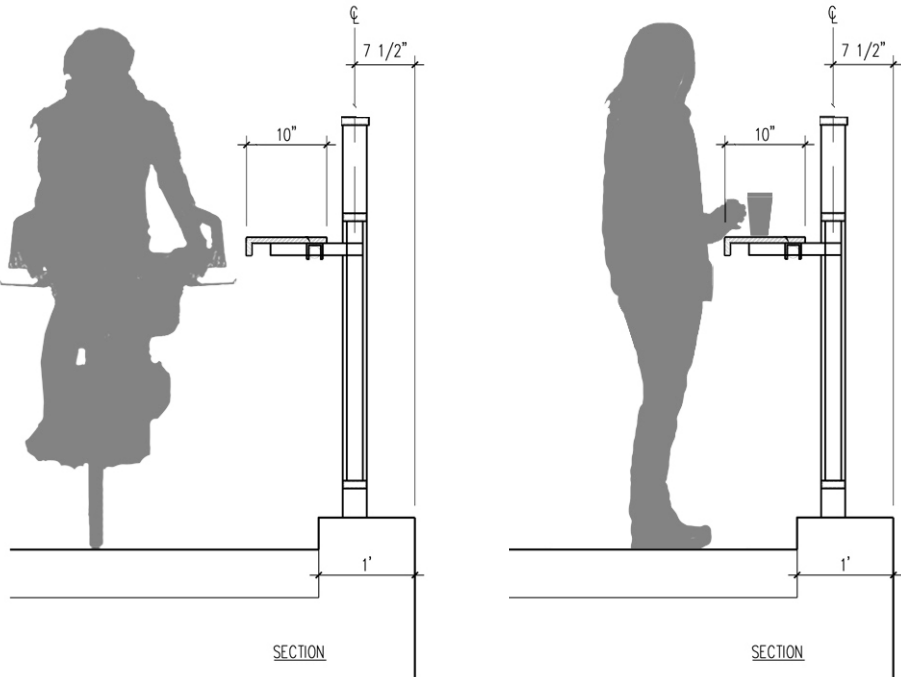
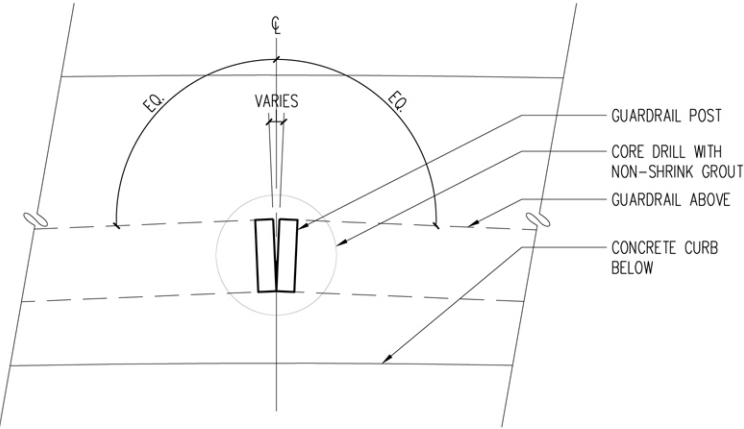
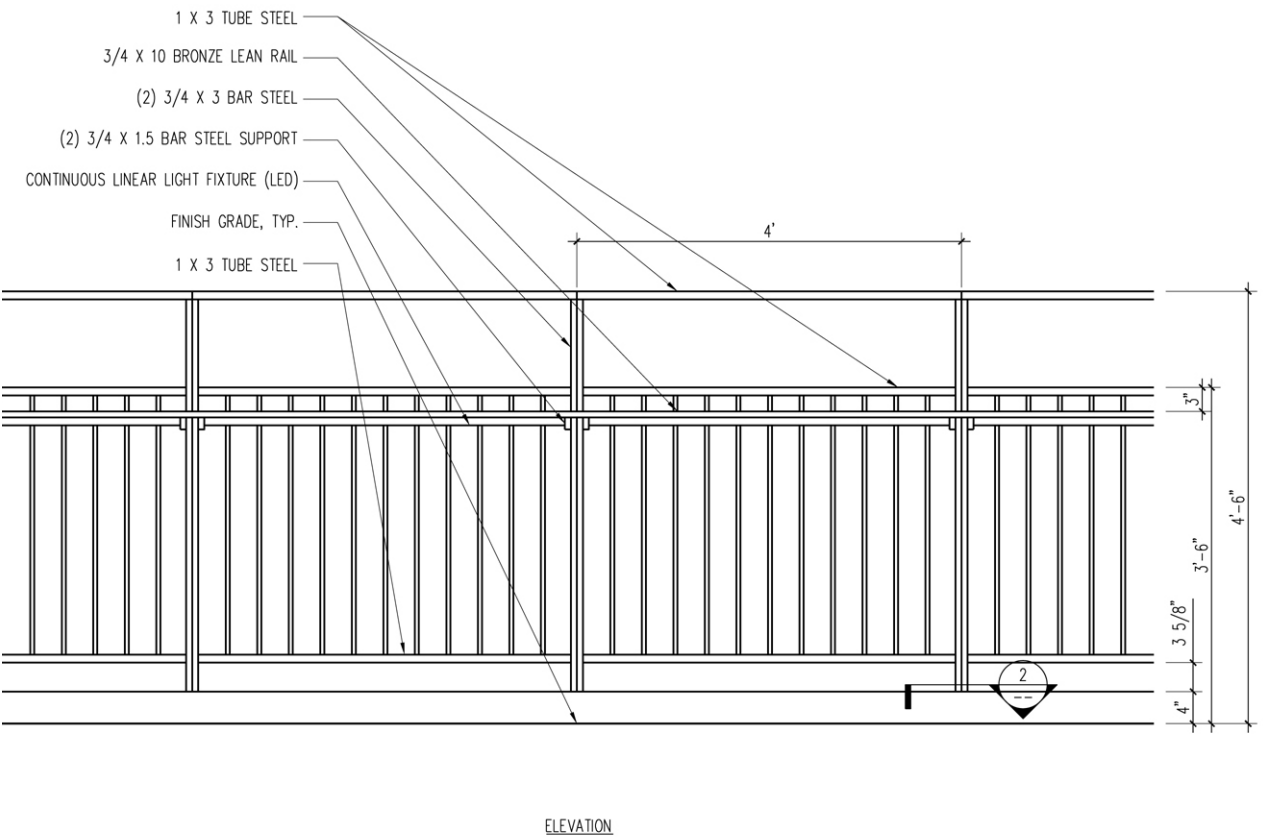


2 DETL: COMBINED SEAT WALL AND CAST-IN-PLACE CONCRETE WALL
SCALE: 1/2" = 1' - 0"

5 Pacific Place Landbridge and Walls

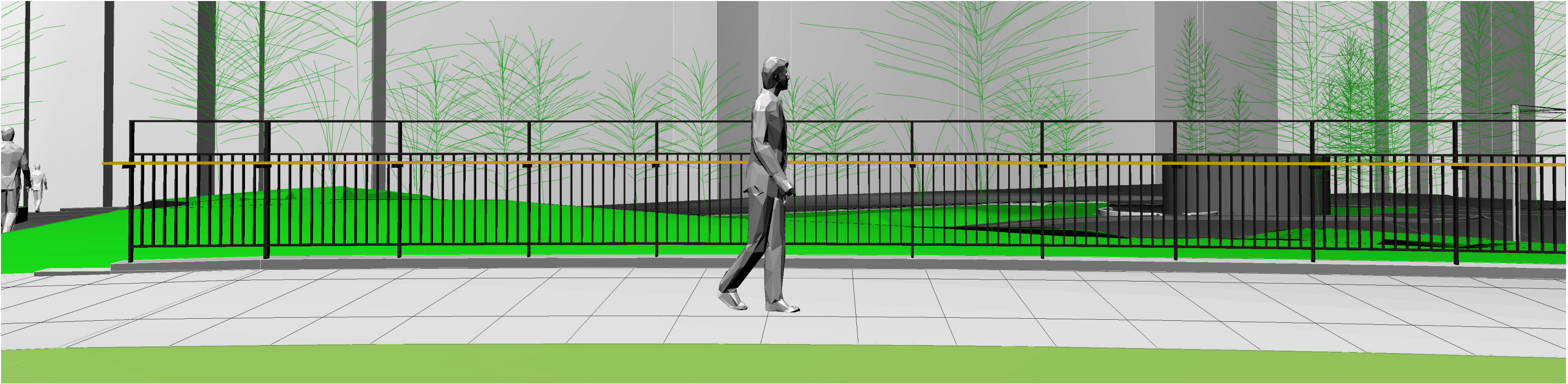


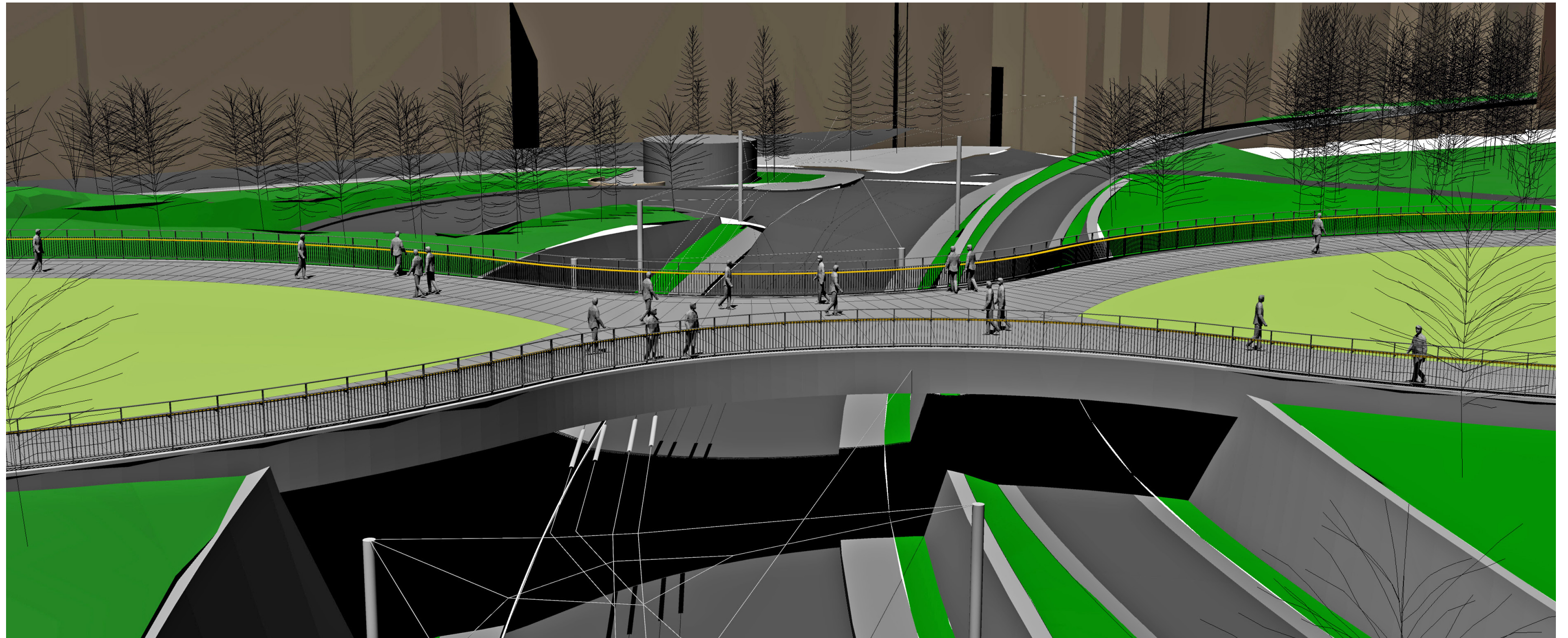
Railing - Type RA



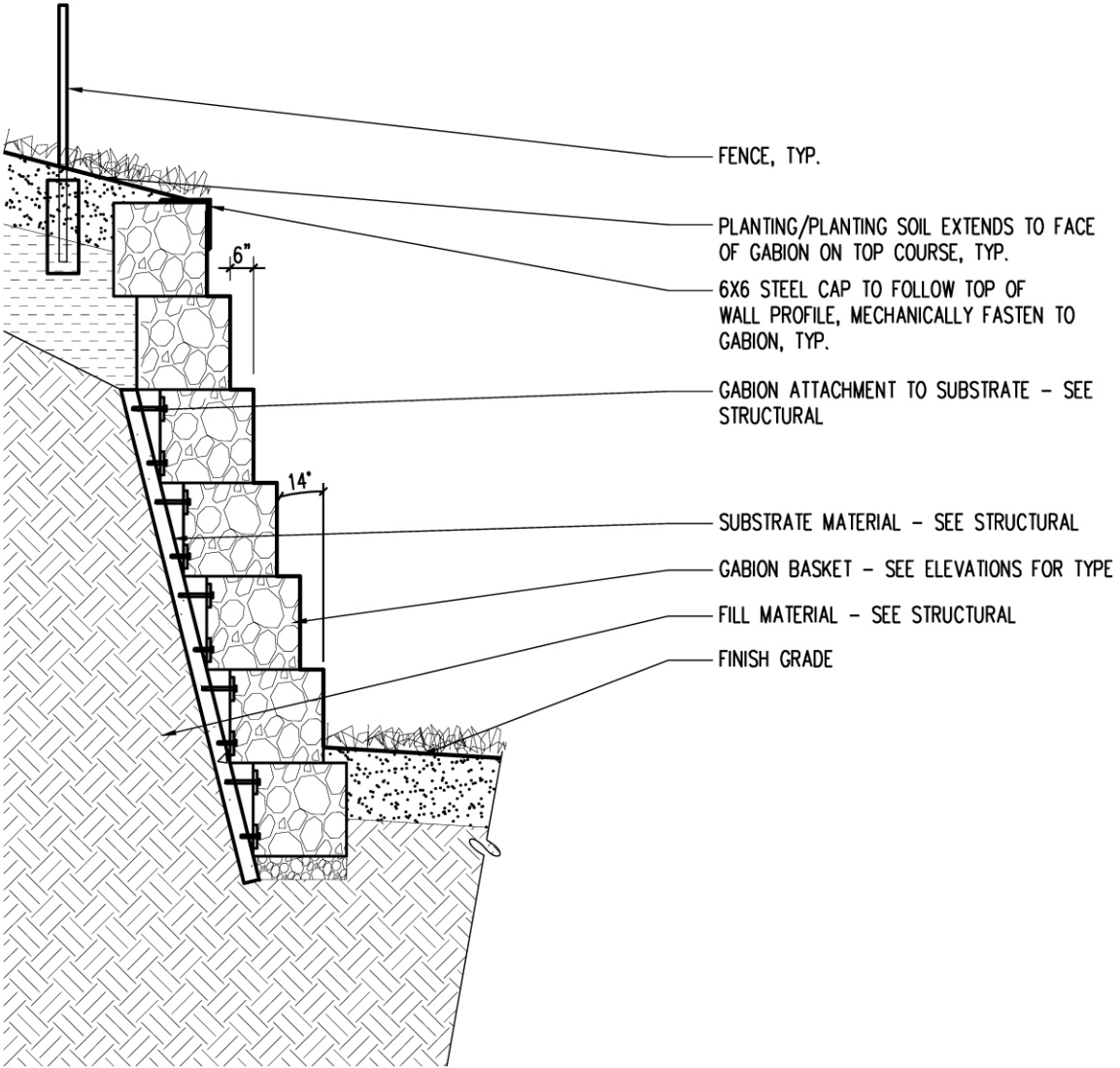
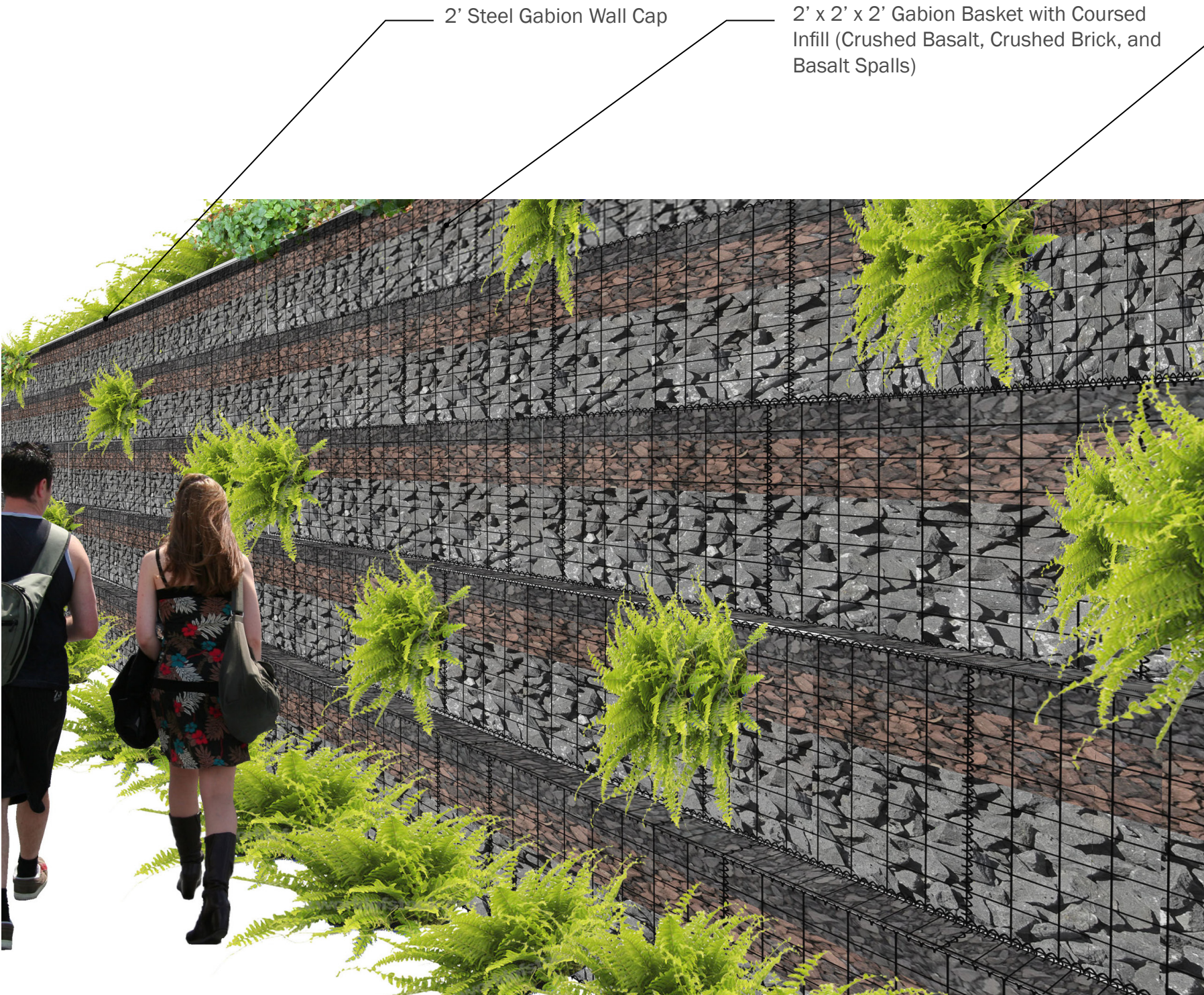
1 DETL: LANDBRIDGE GUARDRAIL TYPE RA
SCALE: 1" = 1'-0"

2 DETL: GUARDRAIL TYPE RA AT POST
SCALE: 3" = 1'-0"



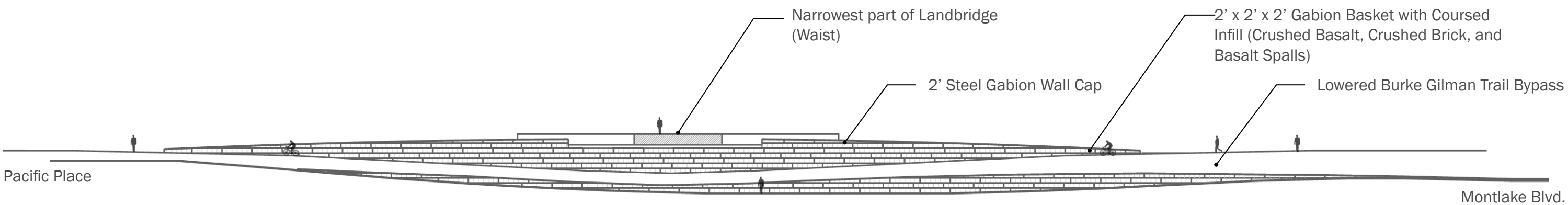
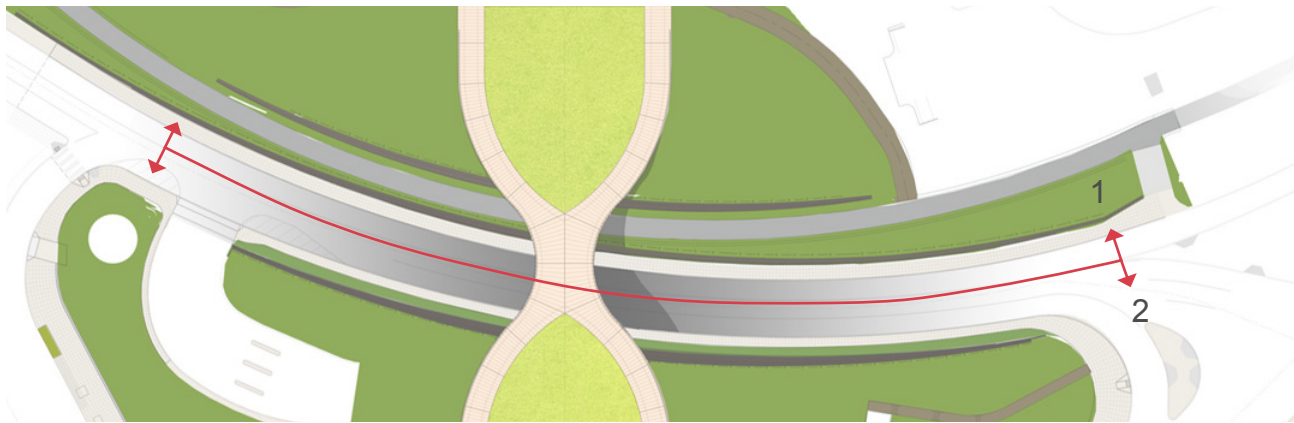


Gabion Walls - Pacific Place

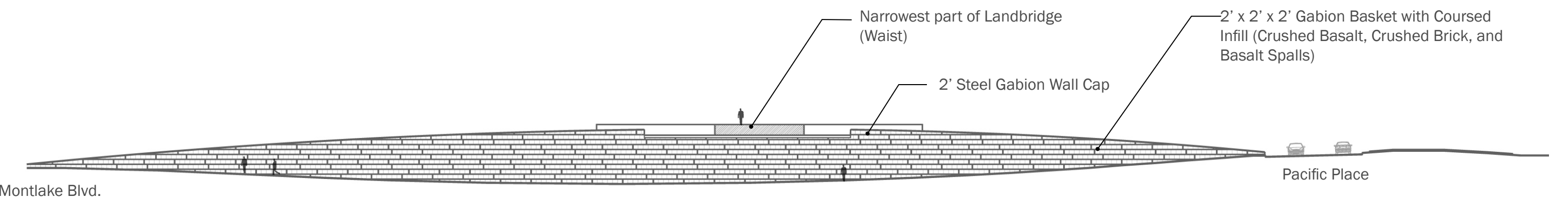


1 SECT: TYPICAL GABION WALL
SCALE: 1/4" = 1'-0"

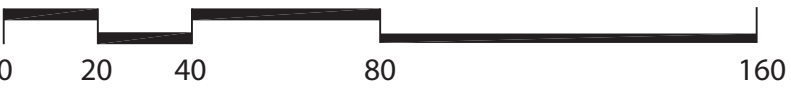
Gabion Walls - Pacific Place

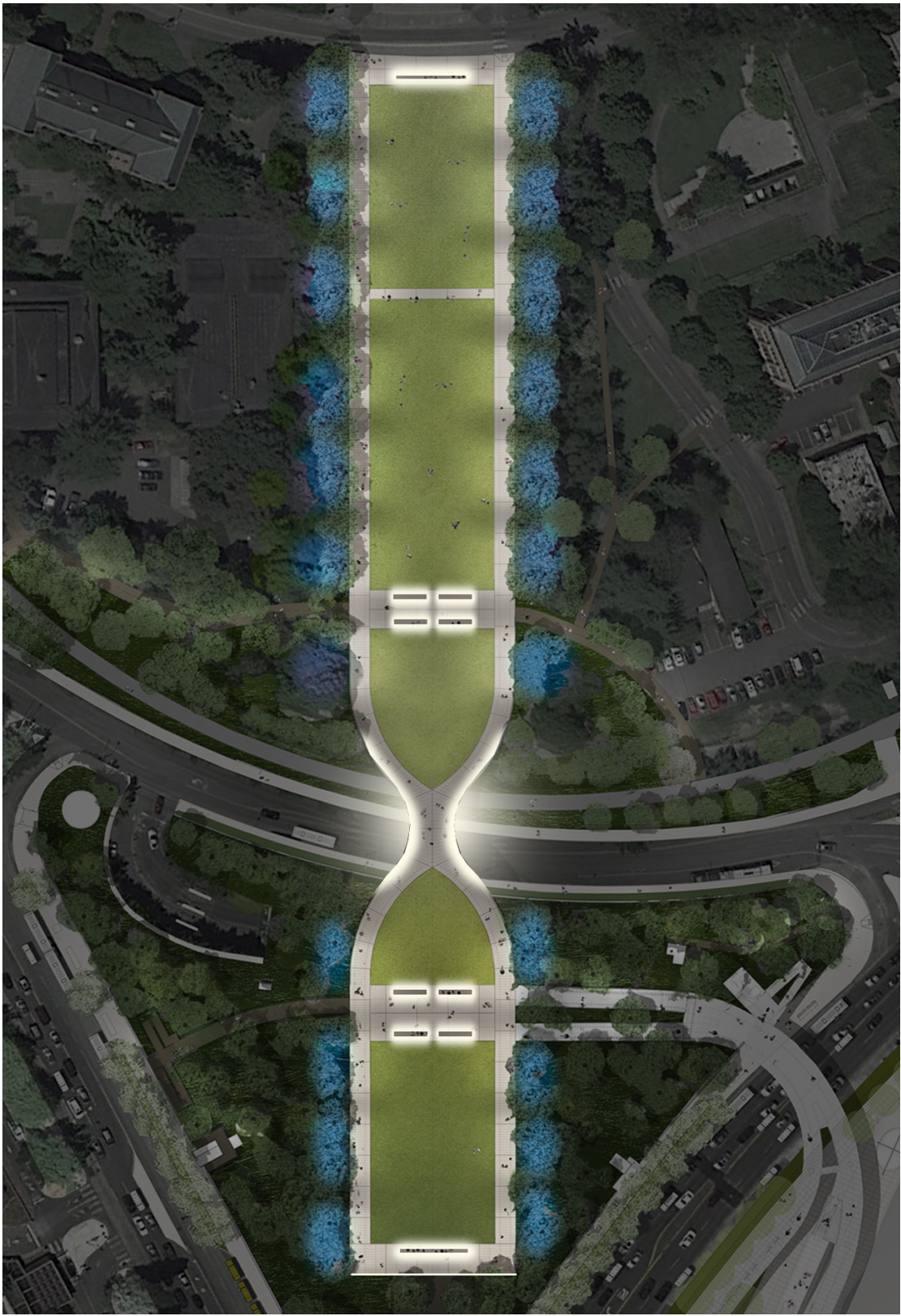


Elevation 1
Pacific Place Elevation - Looking North

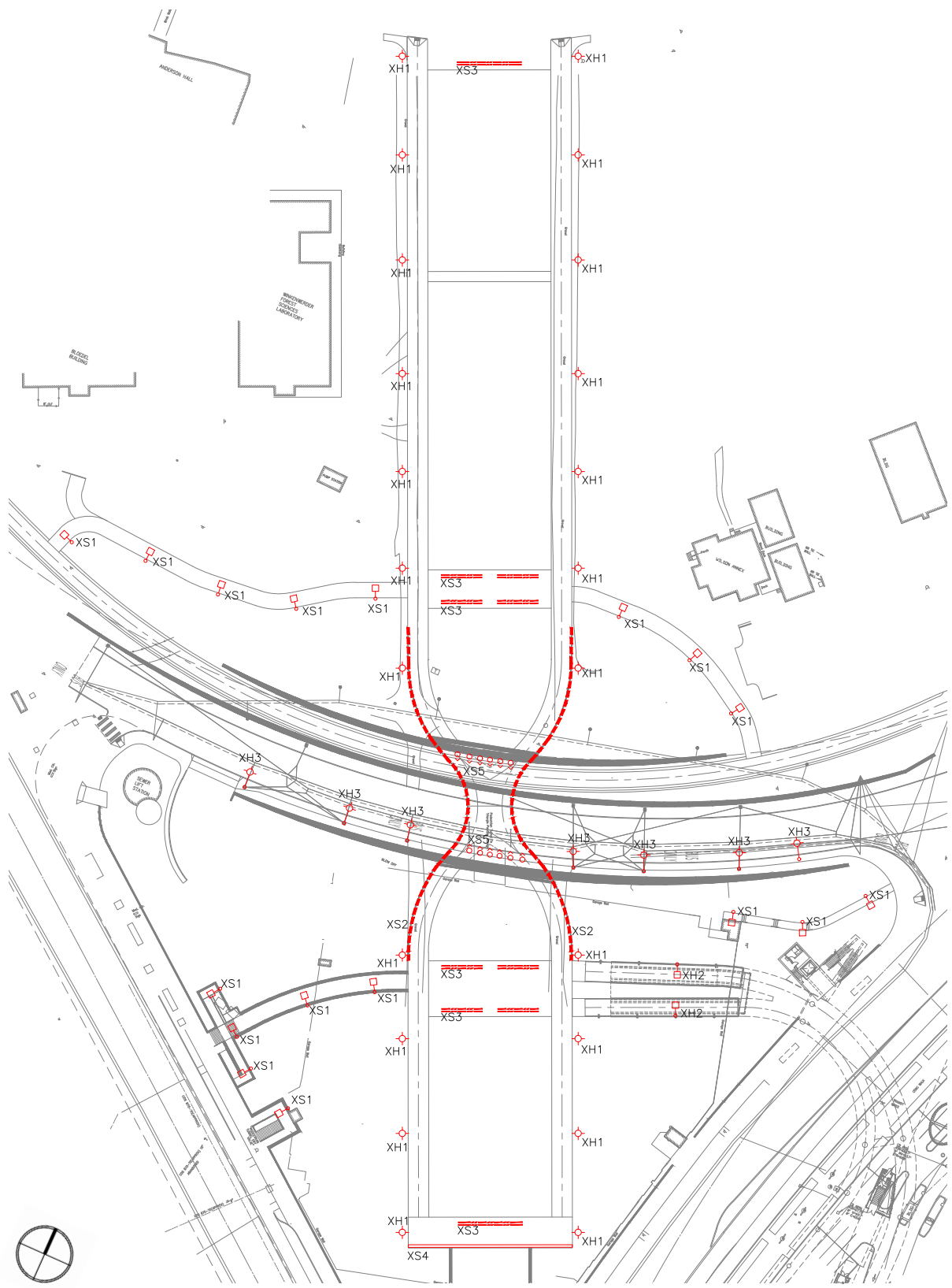


Elevation 2
Pacific Place Elevation - Looking South





Rendered Site Plan

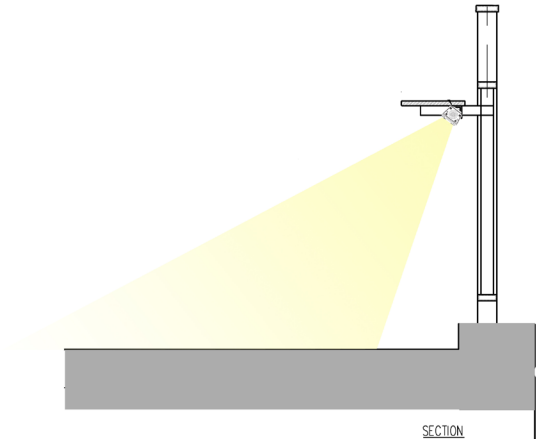
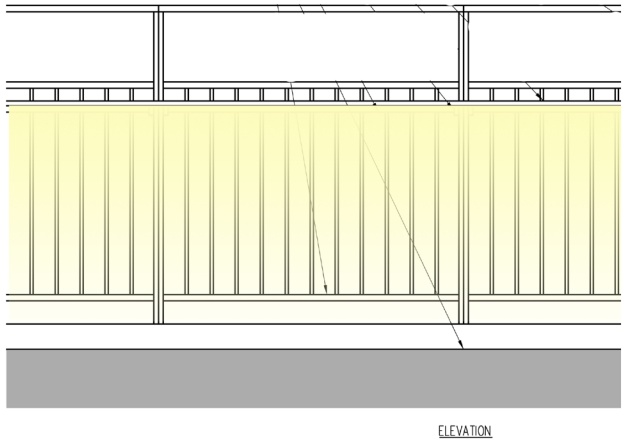
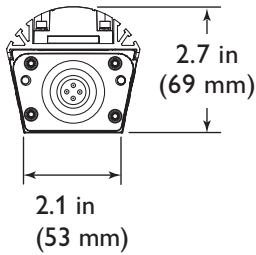


Site Plan - Fixture Layout

Landbridge Lighting



Fixture Type: XS2



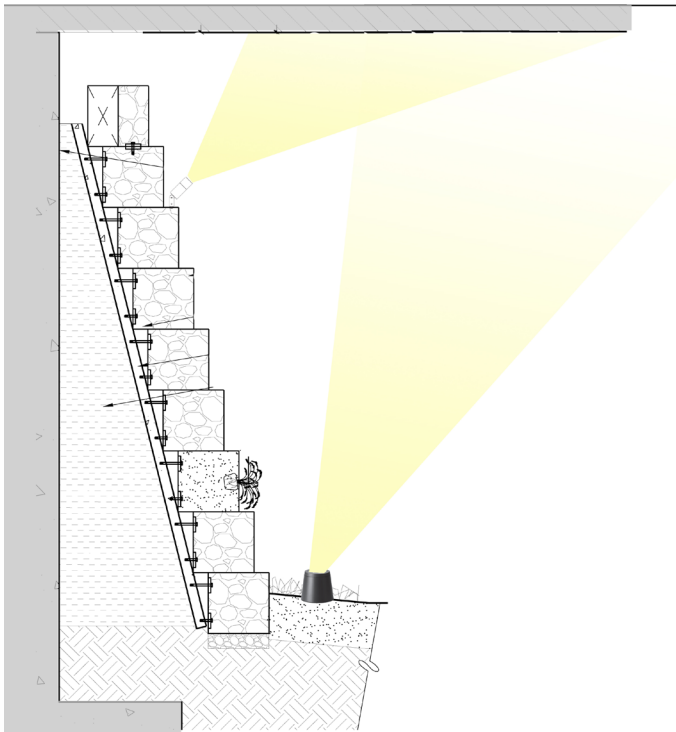
Pedestrian Lighting on Bridge
LED fixture integrated in handrail element



Fixture Type: XS5
Gabion Wall Mounted
Option



Fixture Type: XS5
Grade Mounted Option



Uplighting on Bridge
Color fixed or color changing
LED source
Final Location in to be coordinated in landscape element

Lighting - Moon Lighting and Colored Lighting



Fixed Pole with lighting modules
Metal Halide Moon Lighting
Metal Halide Path Lighting
LED Colored Tree Lighting
20'-0" Mounting Height



Fiixture Type: XH1

Lighting - Connection Pathways and Streets



Fixture Type: XH2

Sound Transit Standard Full Cutoff
Pathway Pole
Metal Halide Source
Silver finish



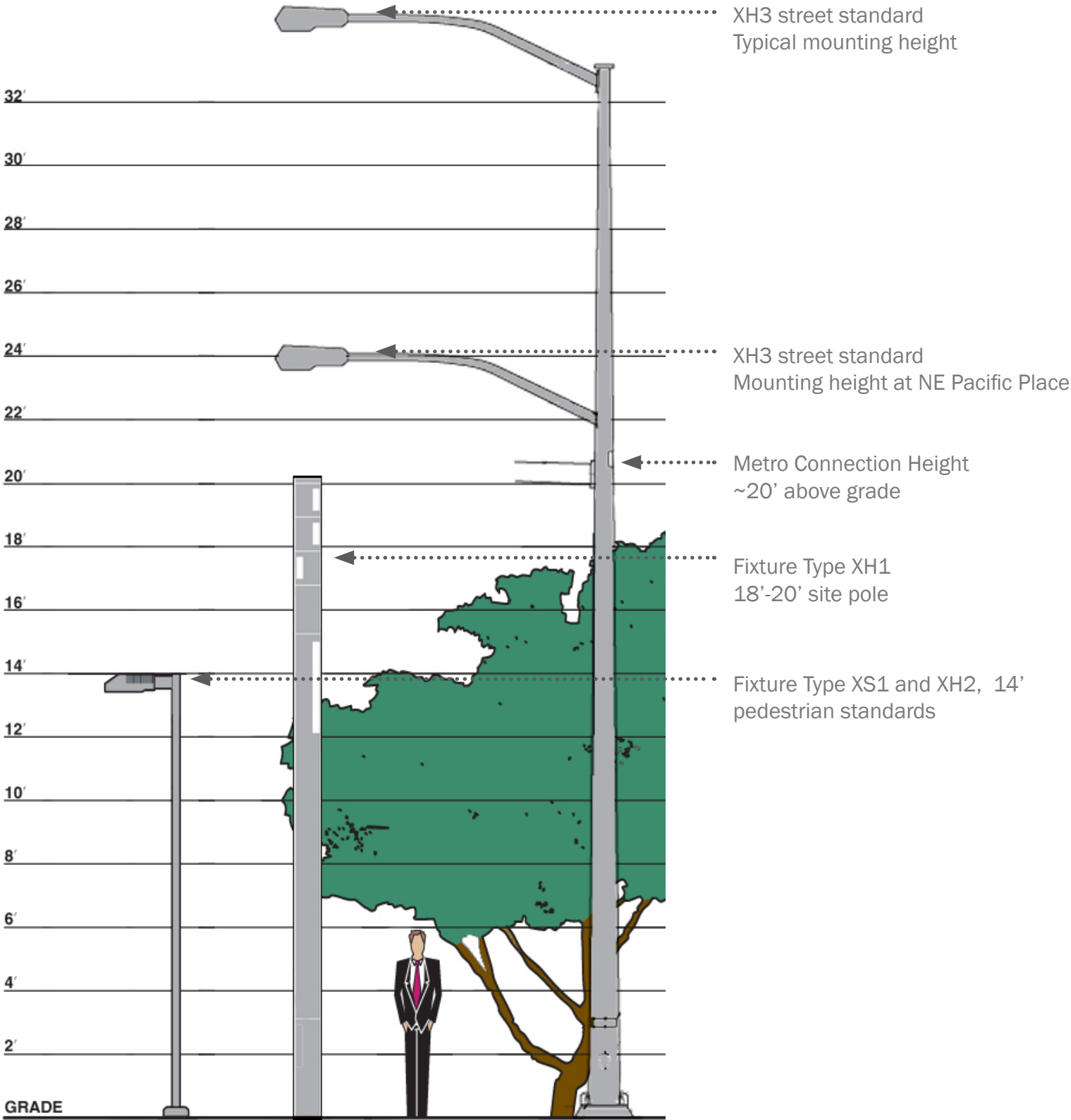
FIXTURE TYPE: XS1

Campus Standard Full Cutoff
Pathway Pole
3500K LED source
Dark Bronze Finish



Fixture Type: XH3

SCL Standard Cobra Head
Mounted to top of Metro Strain Pole
High Pressure Sodium Source



Planting Overview

Canopy and Understory Trees



Acer macrophyllum



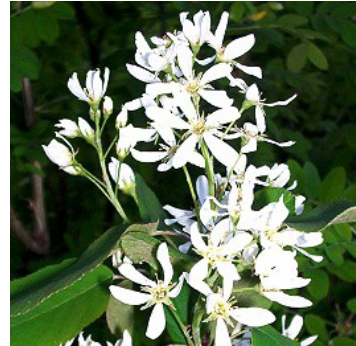
Pseudotsuaga menziesii



Tsuga hetrophylla



Acer circinatum



Amelanchier alnifolia



Quercus Rubra

Shrubs and Ferns



Polystichum munitum



Dryopteris filix mas 'Robusta'



Myrica californica



Rubus parvifloris



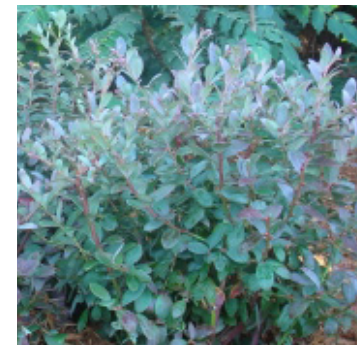
Gualtheria shallon



Cornus sericea 'Kelsey'



Mahonia aquifolium



Vaccinium corymbosum 'Bountiful Blue'



Holodiscus discolor



Omelaria cerasiformis



Ribes sanguineum



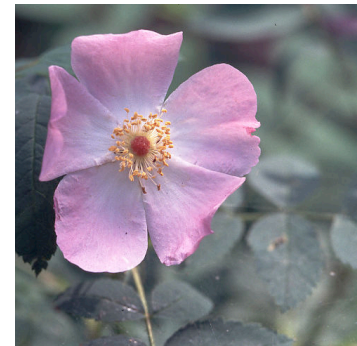
Symphoricarpos albus



Vaccinium ovatum



Pennisetum alopecuroides



Rosa nootkana



Ceanothus arboreus 'Powder Blue'

Groundcover and Herbaceous Plants



Sedum oreganum



Sedum divergens



Sedum spathifolium



Fragaria chiloensis



Fragaria vesca

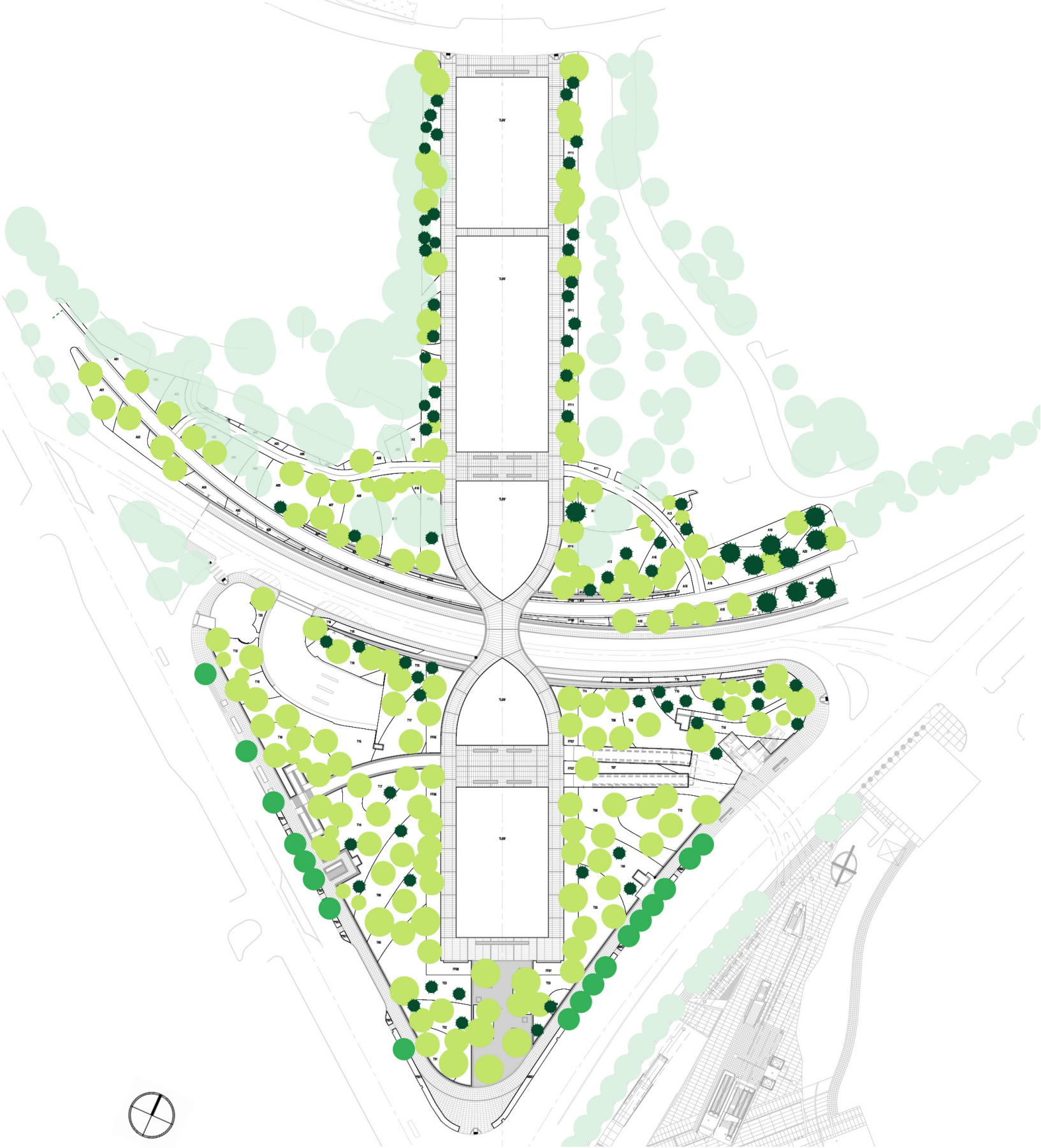


Mahonia nervosa



Arctostaphylos urva-ursi

Planting - Trees



Deciduous Trees



Acer macrophyllum



Acer circinatum



Amelanchier alnifolia

Coniferous Trees



Pseudotsuga menziesii



Tsuga heterophylla

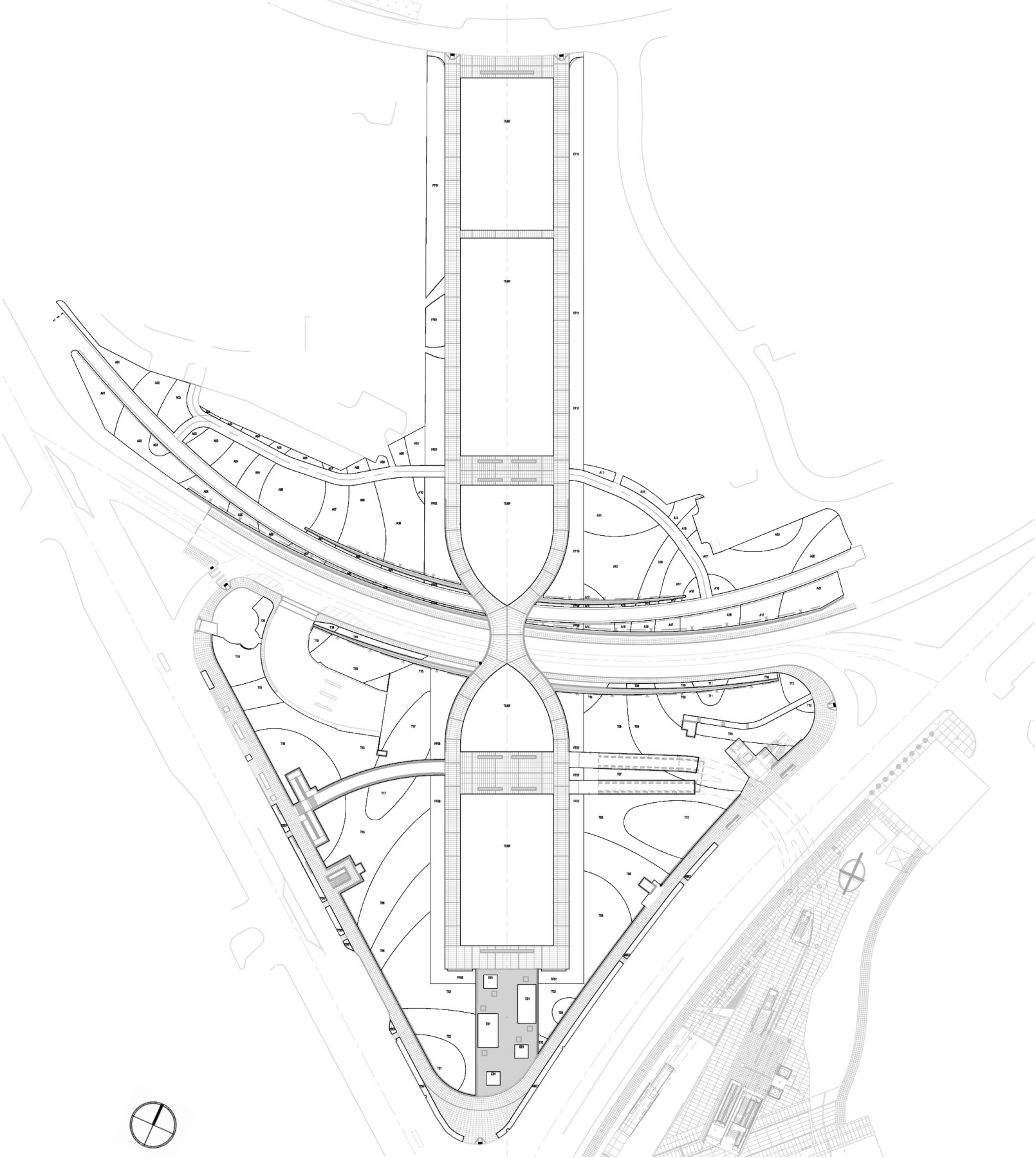
Street Trees



Quercus rubra

Existing Trees

Planting - Understory



Planting Character - Shade



Cornus canadensis *Gaultheria shallon*



Mahonia nervosa *Vancouveria hexandra*



Blechnum spicant *Oxalis oregana*



Polystichum munitum *Vancouveria hexandra*

Planting Character - Sun



Ceanothus arboreus 'Powder Blue' *Mahonia aquifolium*



Pennisetum orientale *Camassia quamash*



Miscanthus gracillimus *Ribes sanguineum* 'Pokey's Pink'



Symphoricarpos albus *Rosa nutkana*



University of Washington Montlake Triangle Project / September 15th 2011