

UNION STREET PEDESTRIAN BRIDGE DESIGN DEVELOPMENT

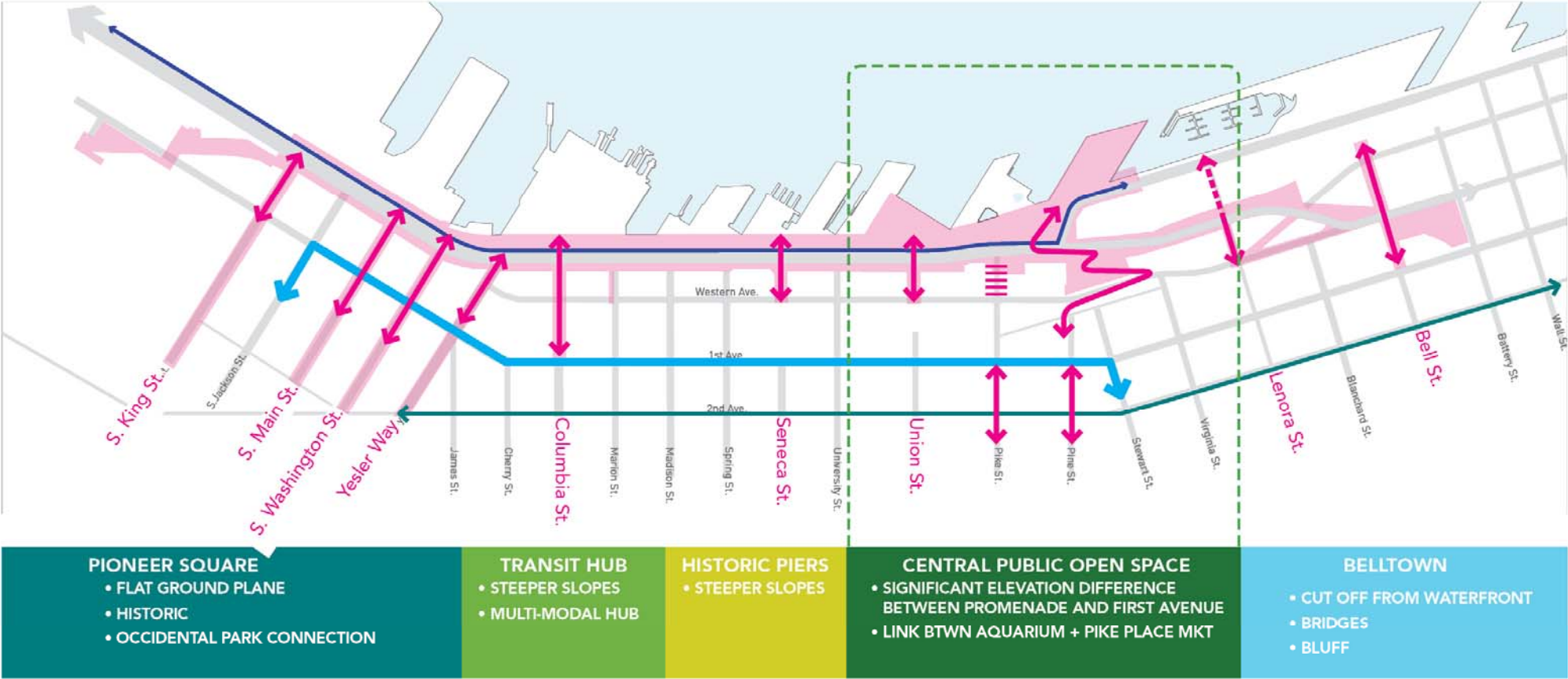
SEATTLE DESIGN COMMISSION
SEPTEMBER 19TH, 2019



UNION STREET PEDESTRIAN BRIDGE

RECONNECTING THE CITY TO THE WATERFRONT

IMPROVED ACCESSIBILITY

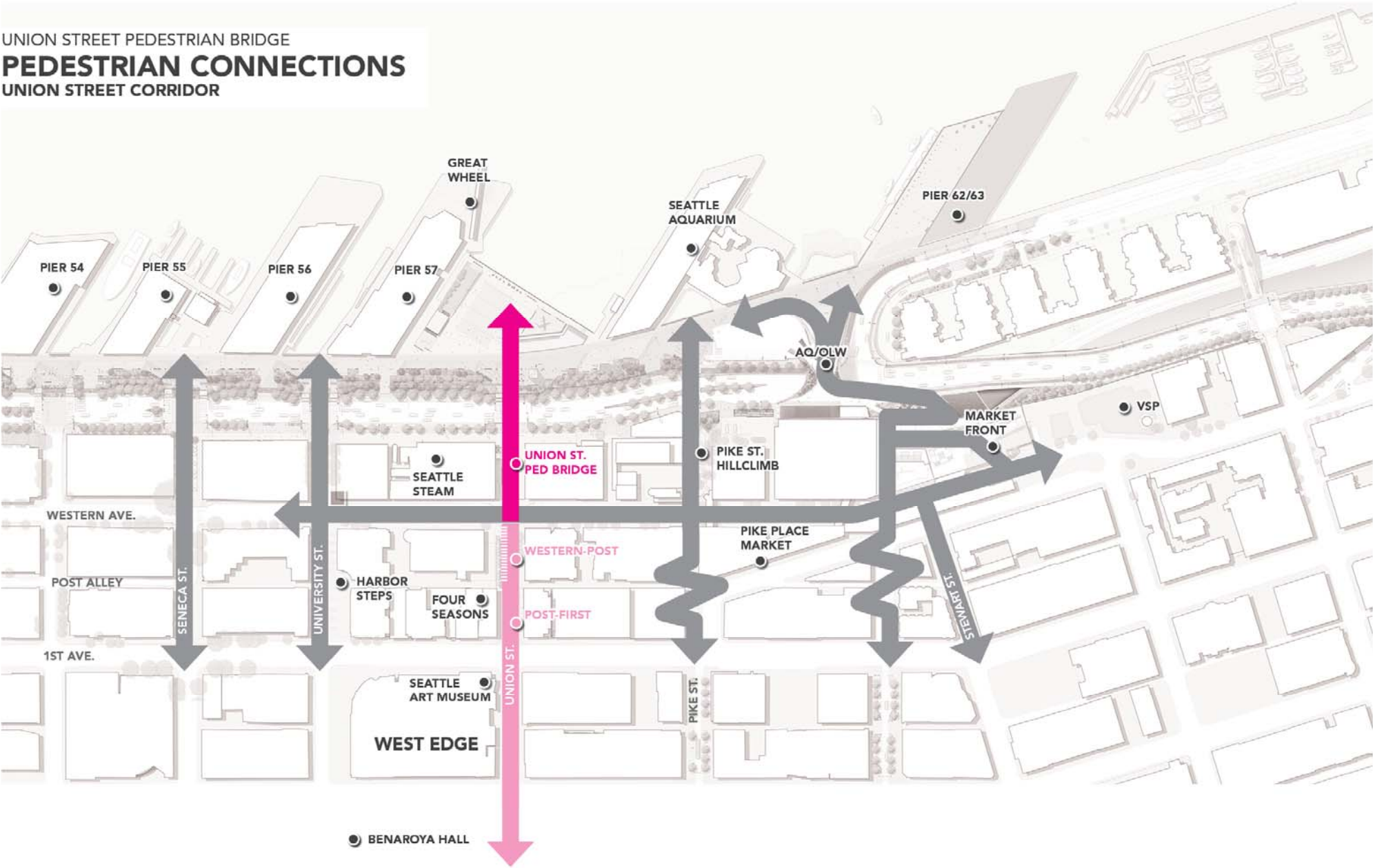


- ↔ East-West Pedestrian Connections ↔ Cycle Track
- ↔ Center City Connector ↔ Protected Bike Lanes

UNION STREET PEDESTRIAN BRIDGE

PEDESTRIAN CONNECTIONS

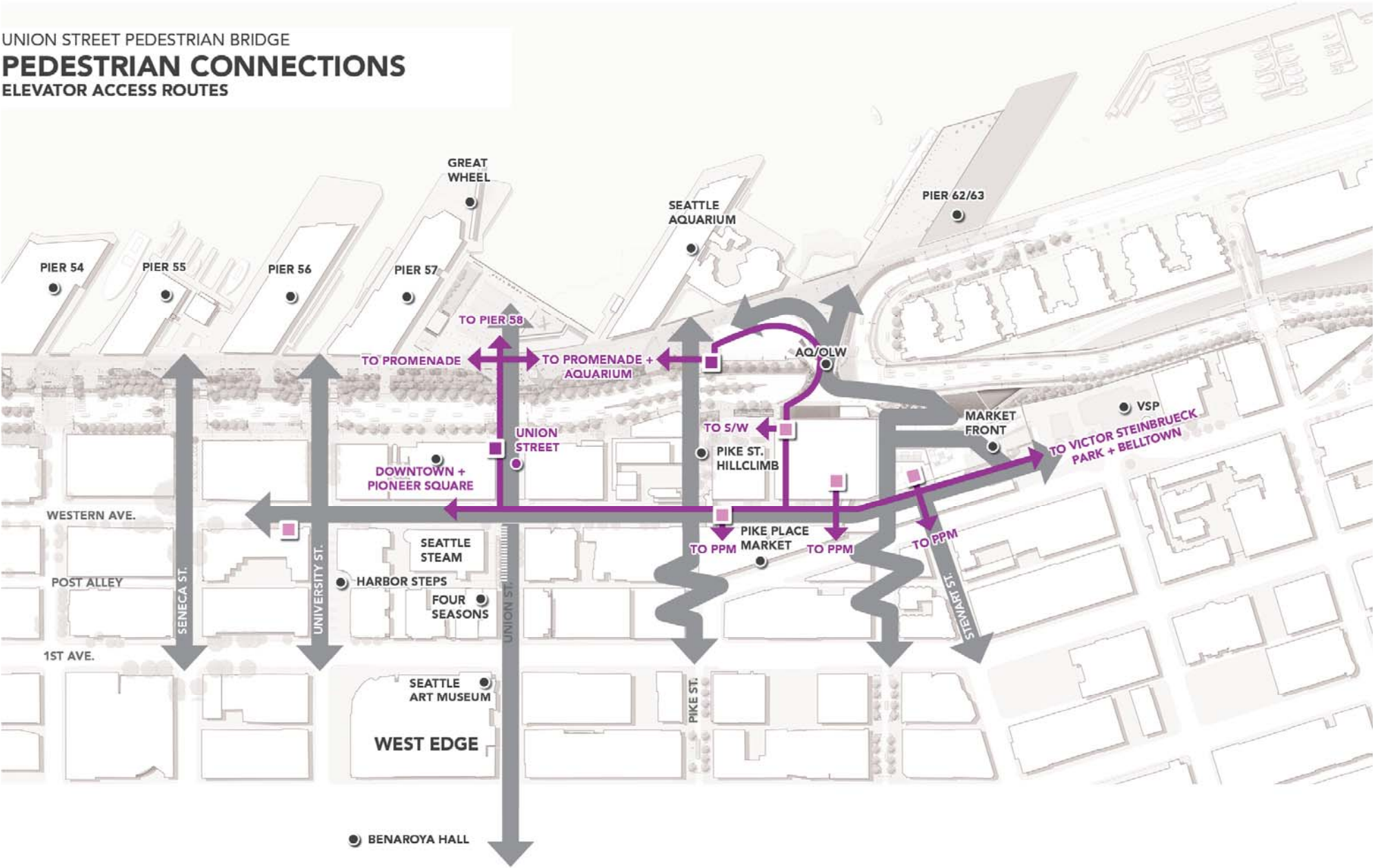
UNION STREET CORRIDOR



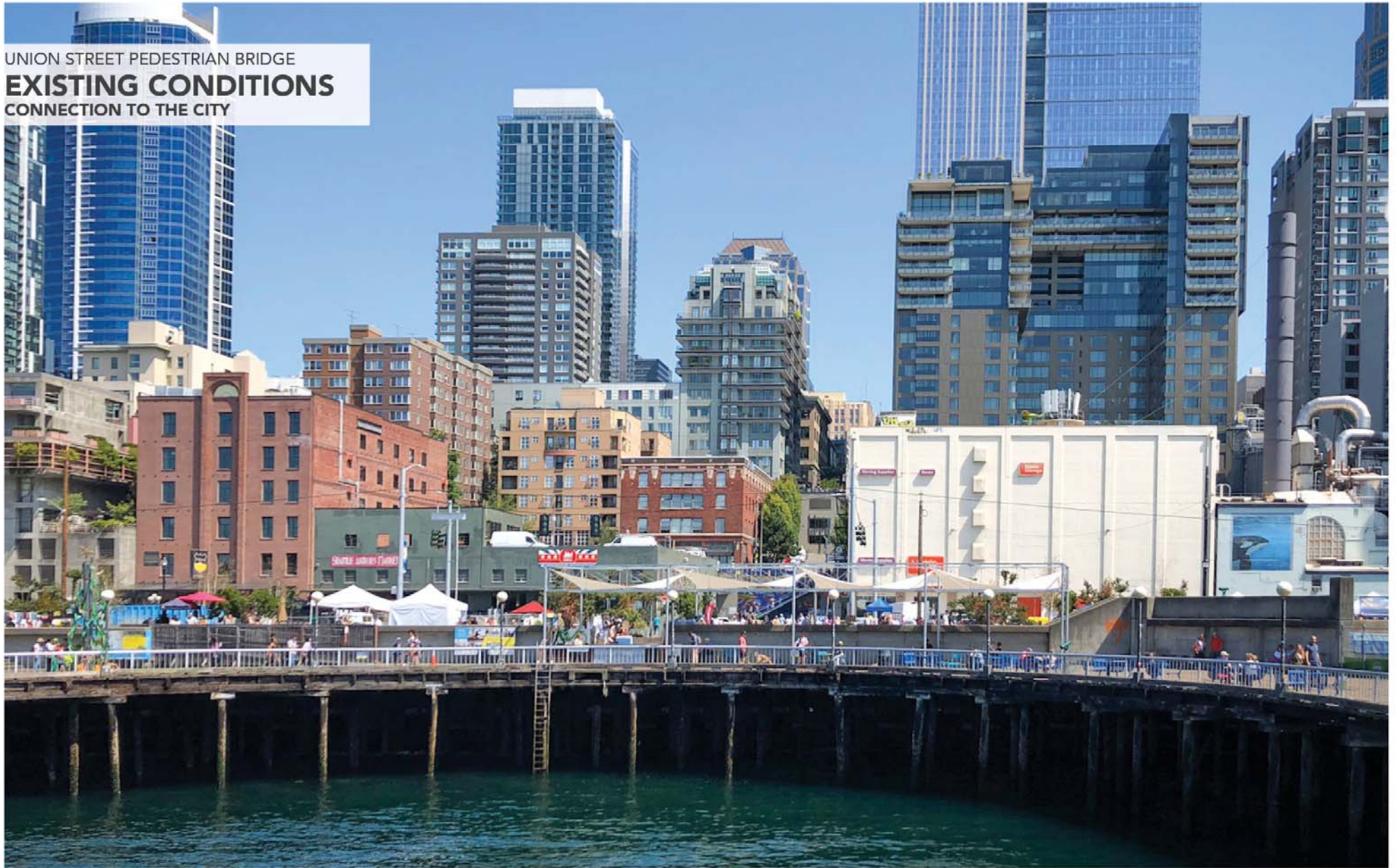
UNION STREET PEDESTRIAN BRIDGE

PEDESTRIAN CONNECTIONS

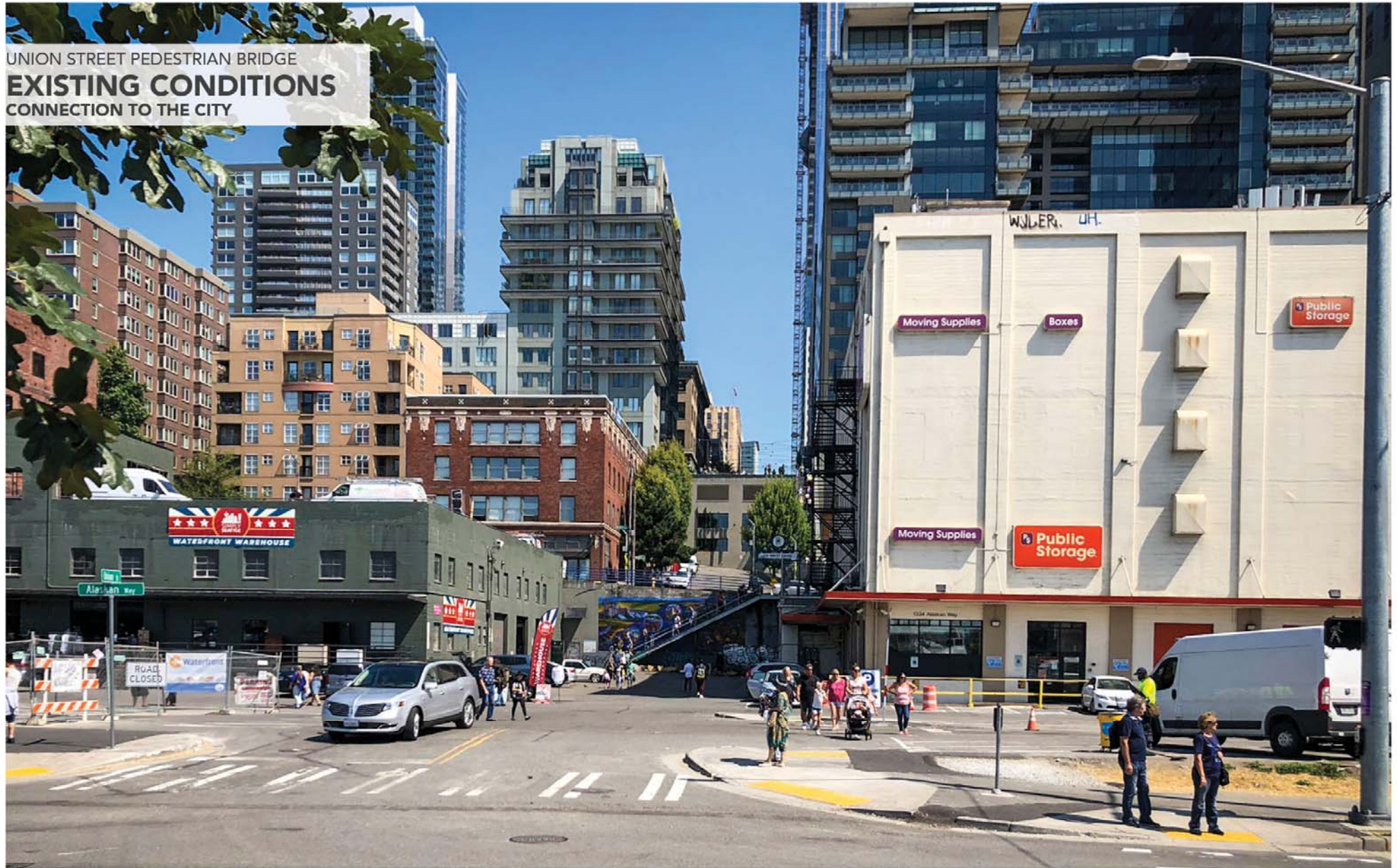
ELEVATOR ACCESS ROUTES



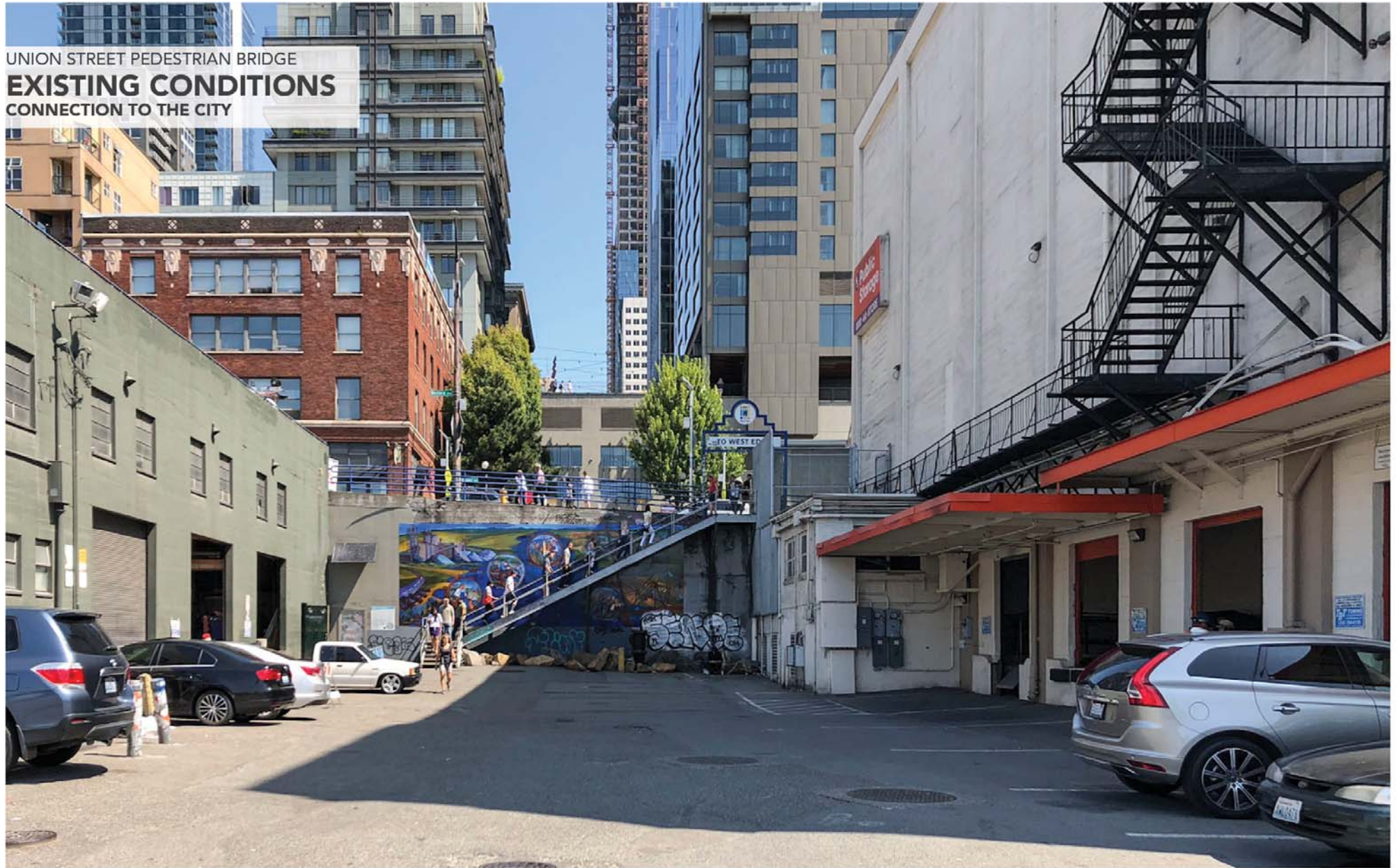
UNION STREET PEDESTRIAN BRIDGE
EXISTING CONDITIONS
CONNECTION TO THE CITY



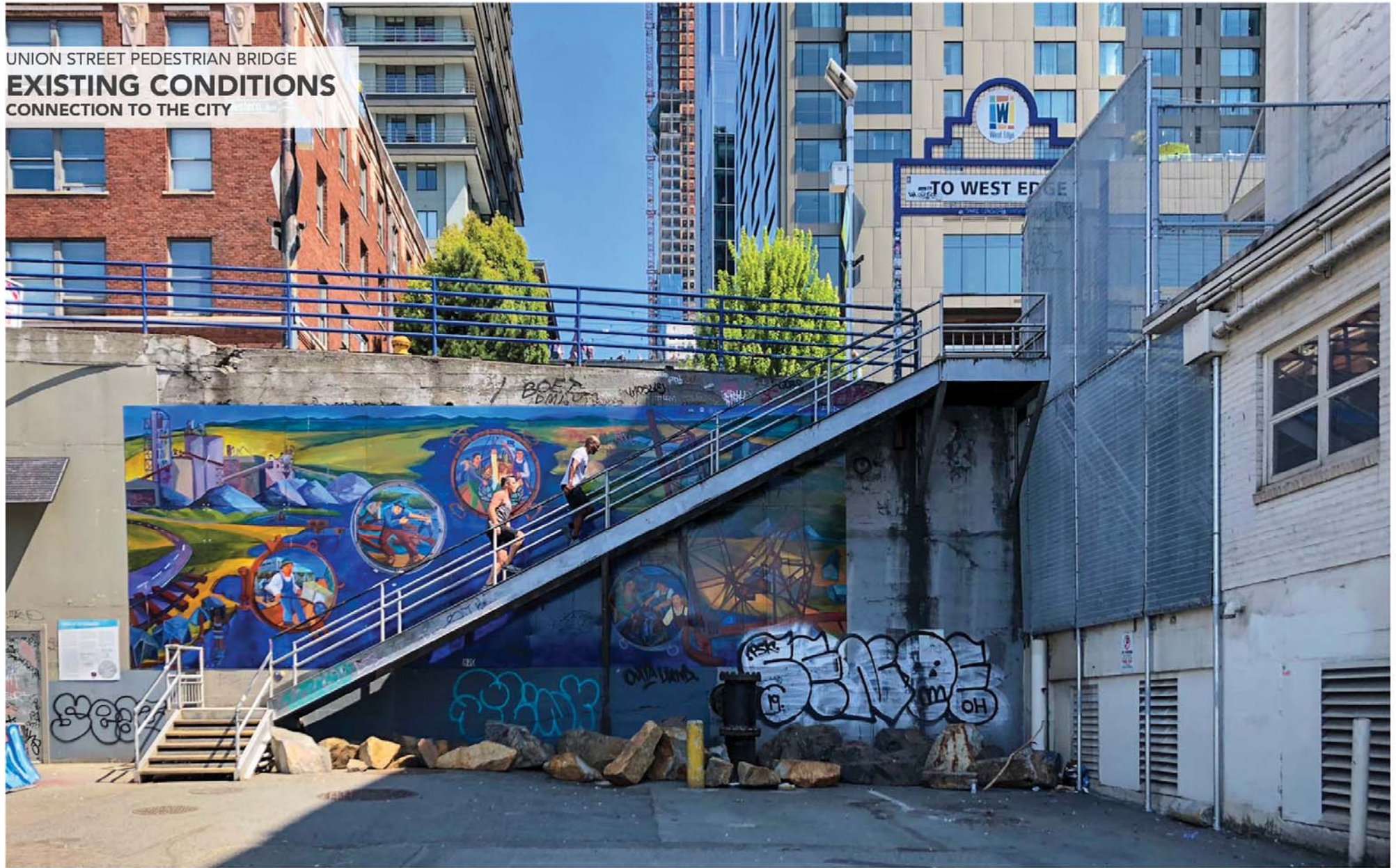
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EXISTING CONDITIONS
CONNECTION TO THE CITY



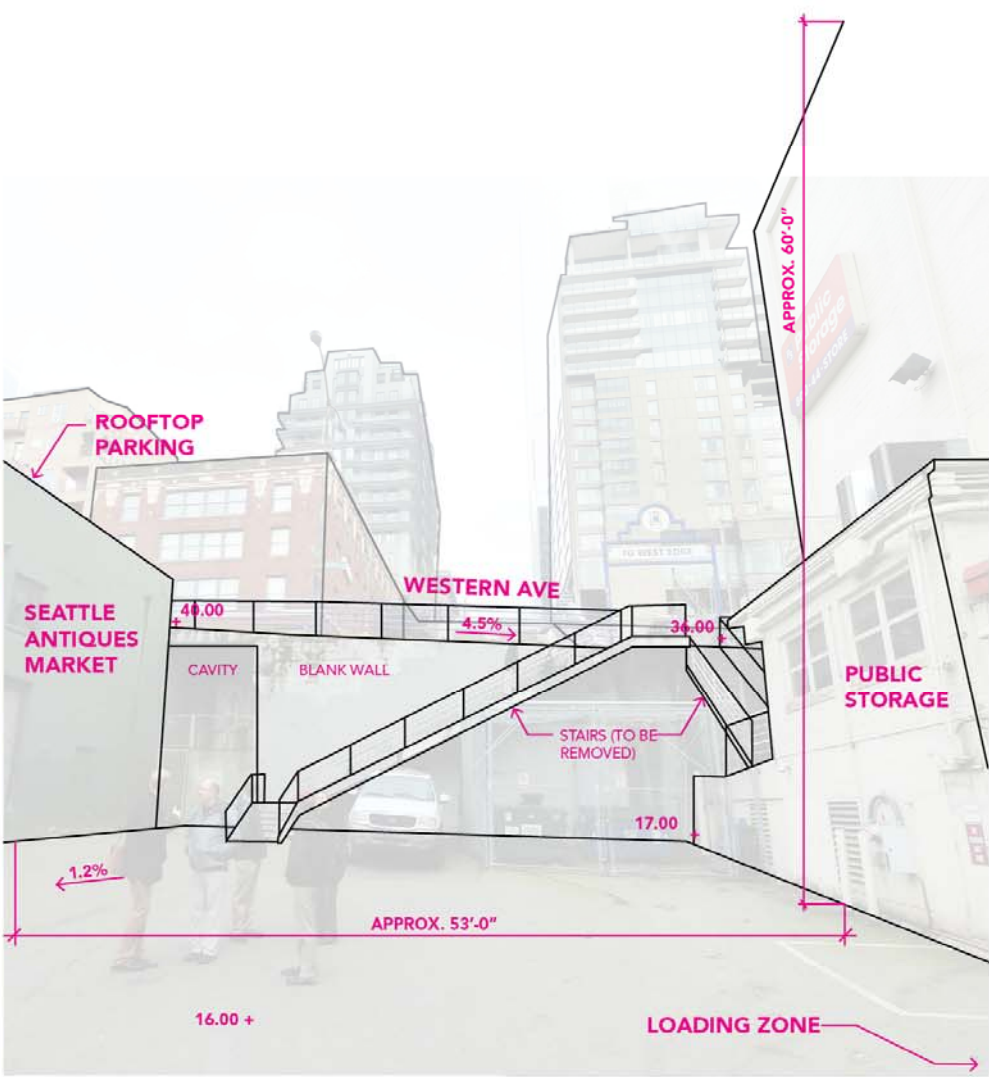
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EXISTING CONDITIONS
CONNECTION TO THE CITY



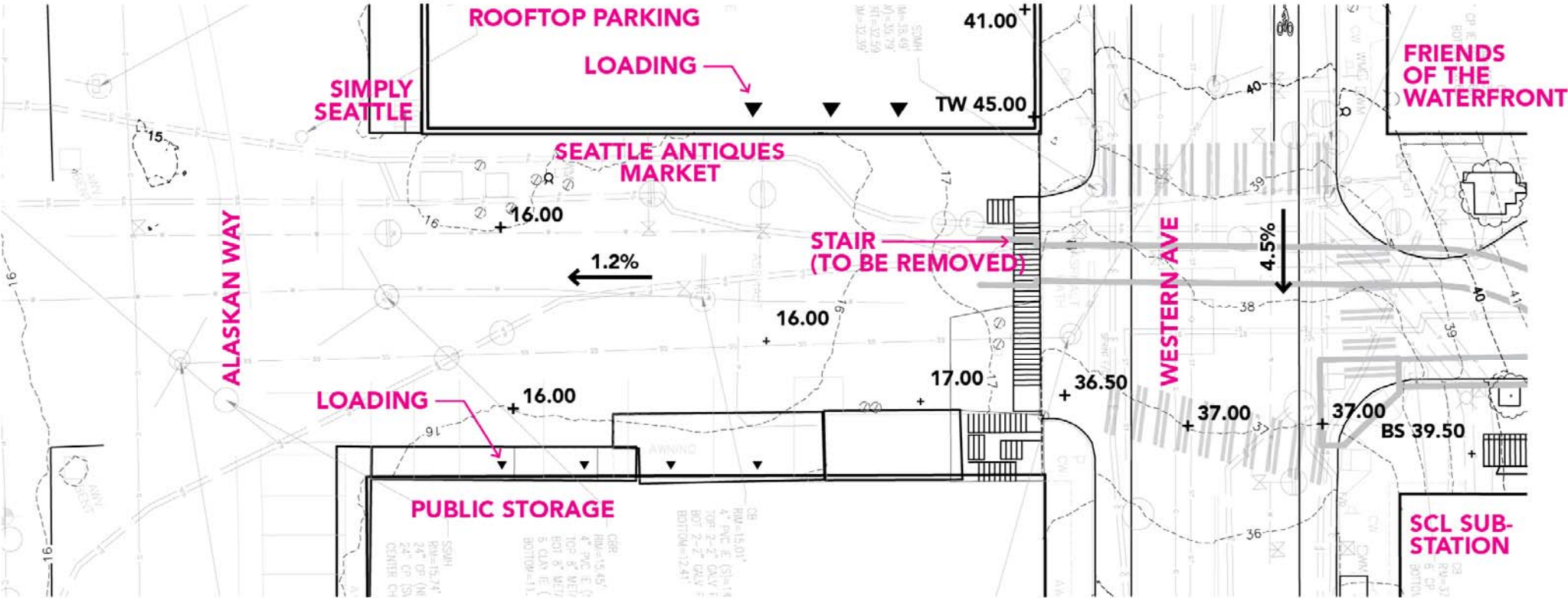
UNION STREET PEDESTRIAN BRIDGE
EXISTING CONDITIONS
CONNECTION TO THE CITY



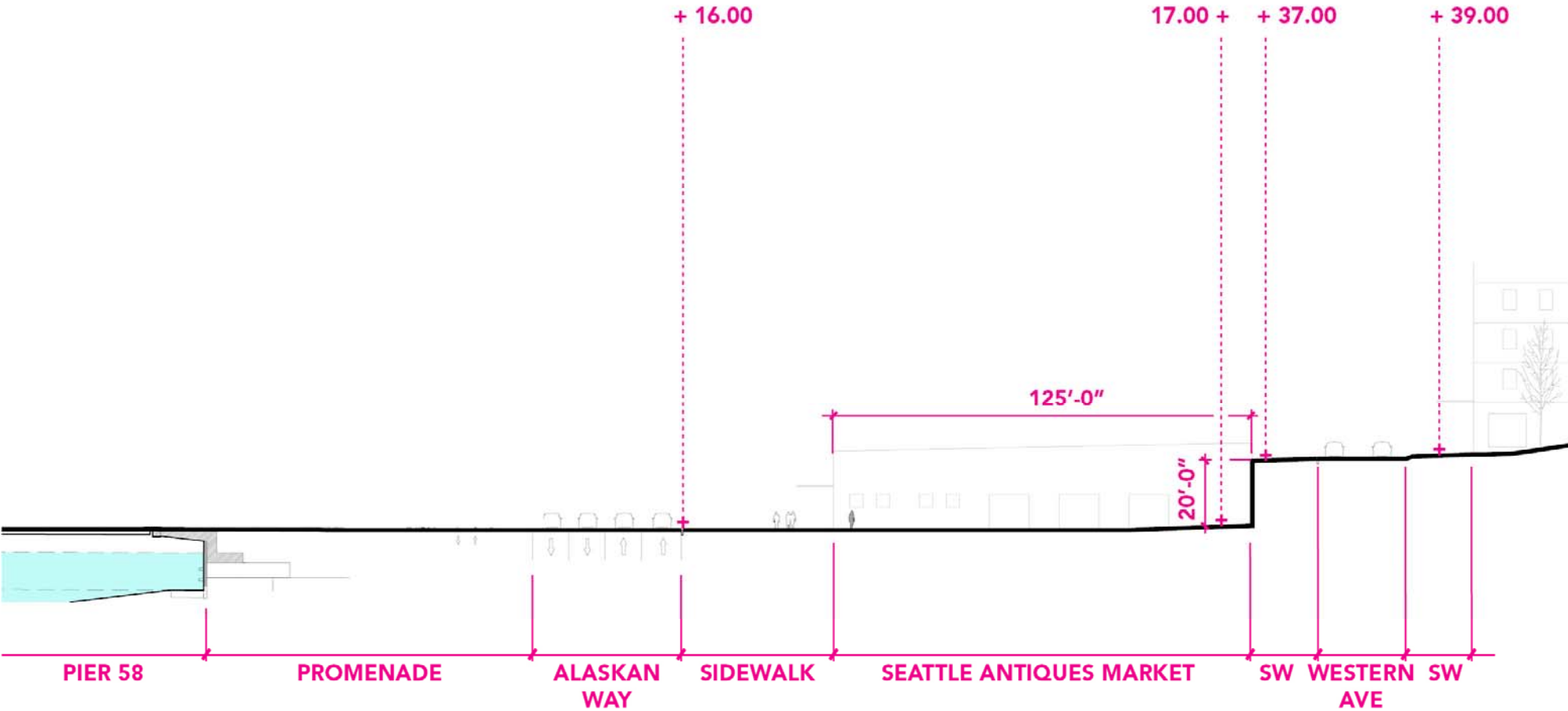
UNION STREET PEDESTRIAN BRIDGE
EXISTING CONDITIONS
CONNECTION TO THE CITY



UNION STREET PEDESTRIAN BRIDGE
EXISTING CONDITIONS
SITE PLAN



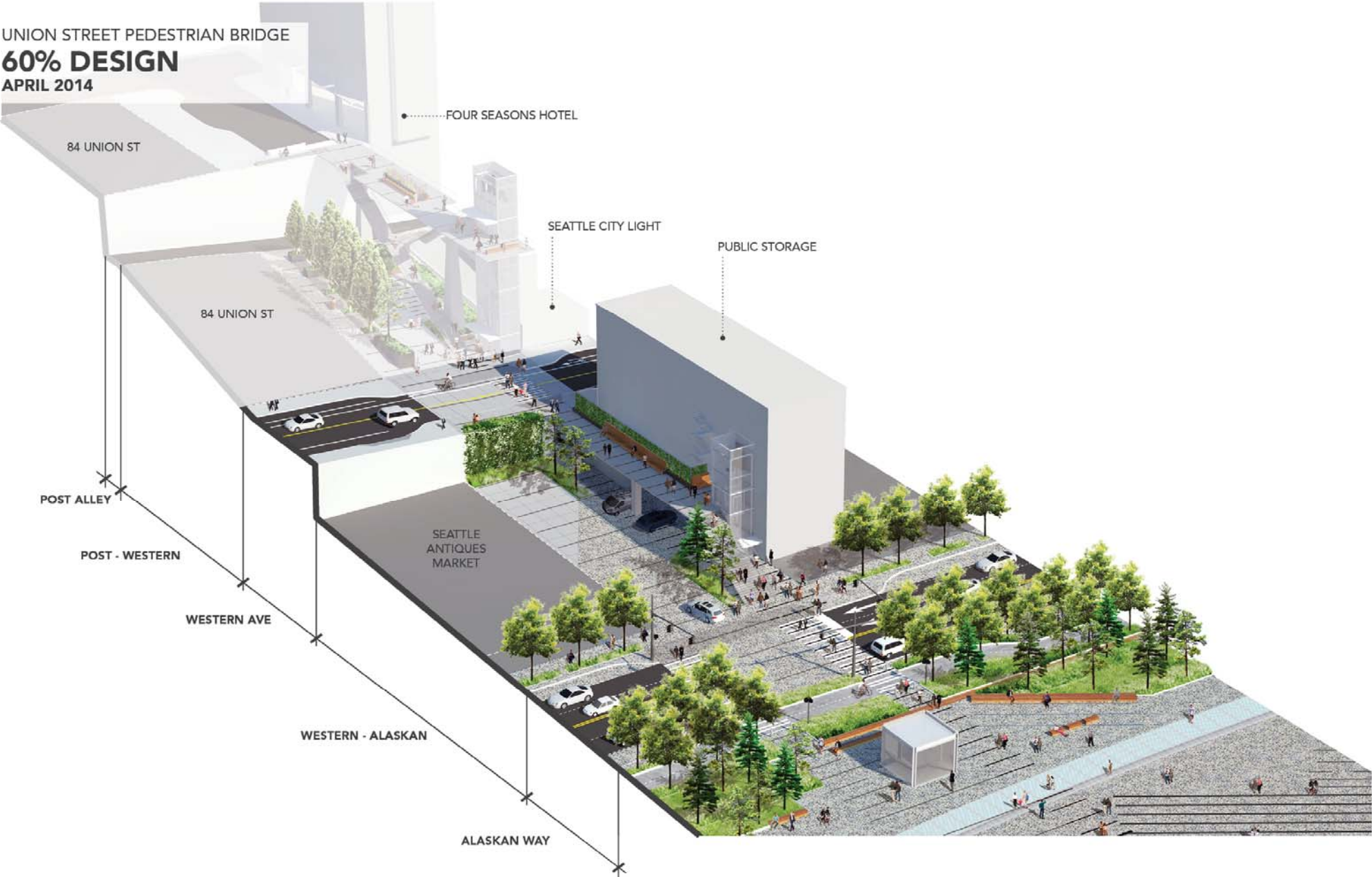
UNION STREET PEDESTRIAN BRIDGE
EXISTING CONDITIONS
CROSS-SECTION LOOKING NORTH



APRIL 2014



UNION STREET PEDESTRIAN BRIDGE
60% DESIGN
APRIL 2014



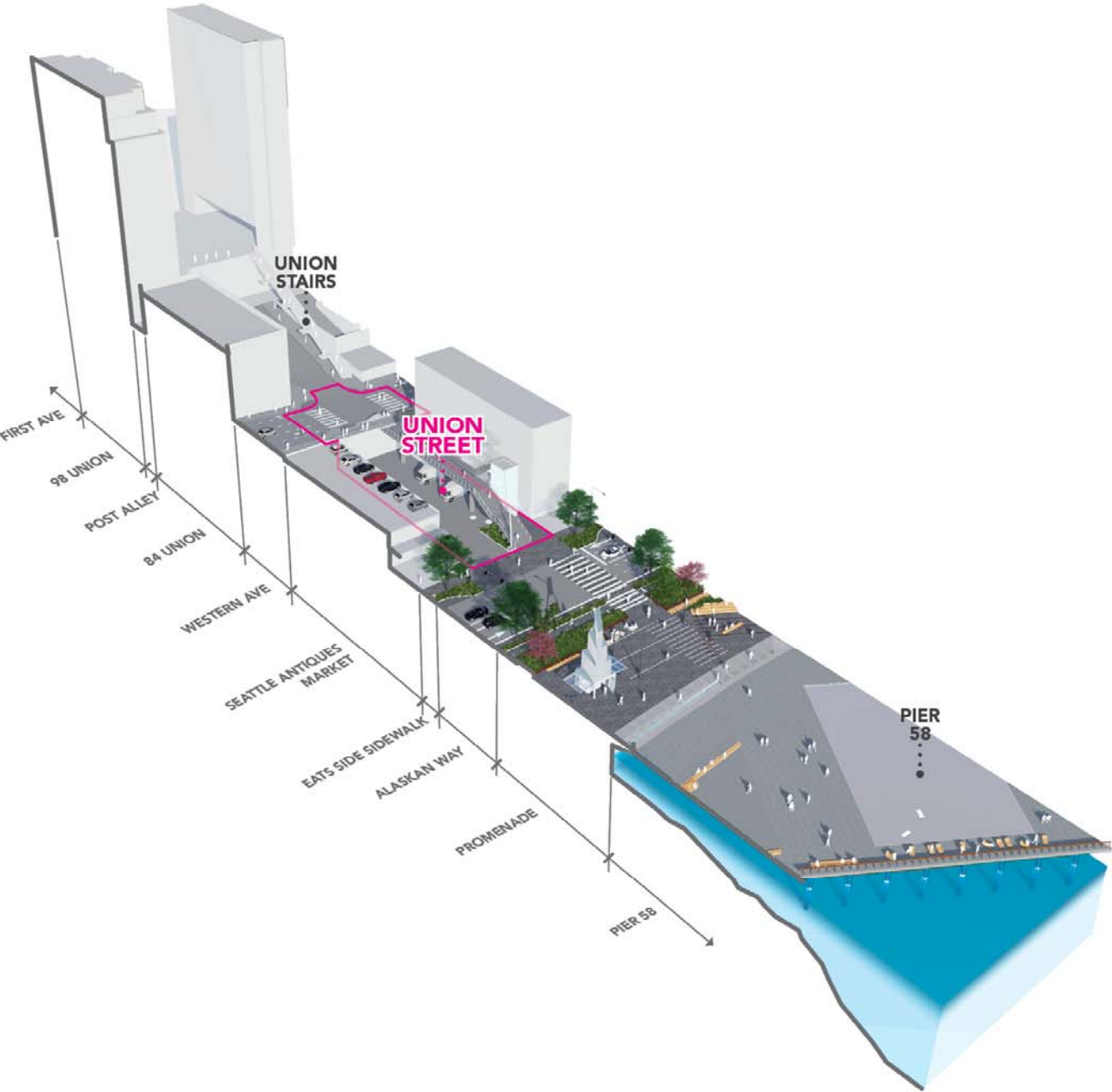
UNION STREET PEDESTRIAN BRIDGE

60% DESIGN

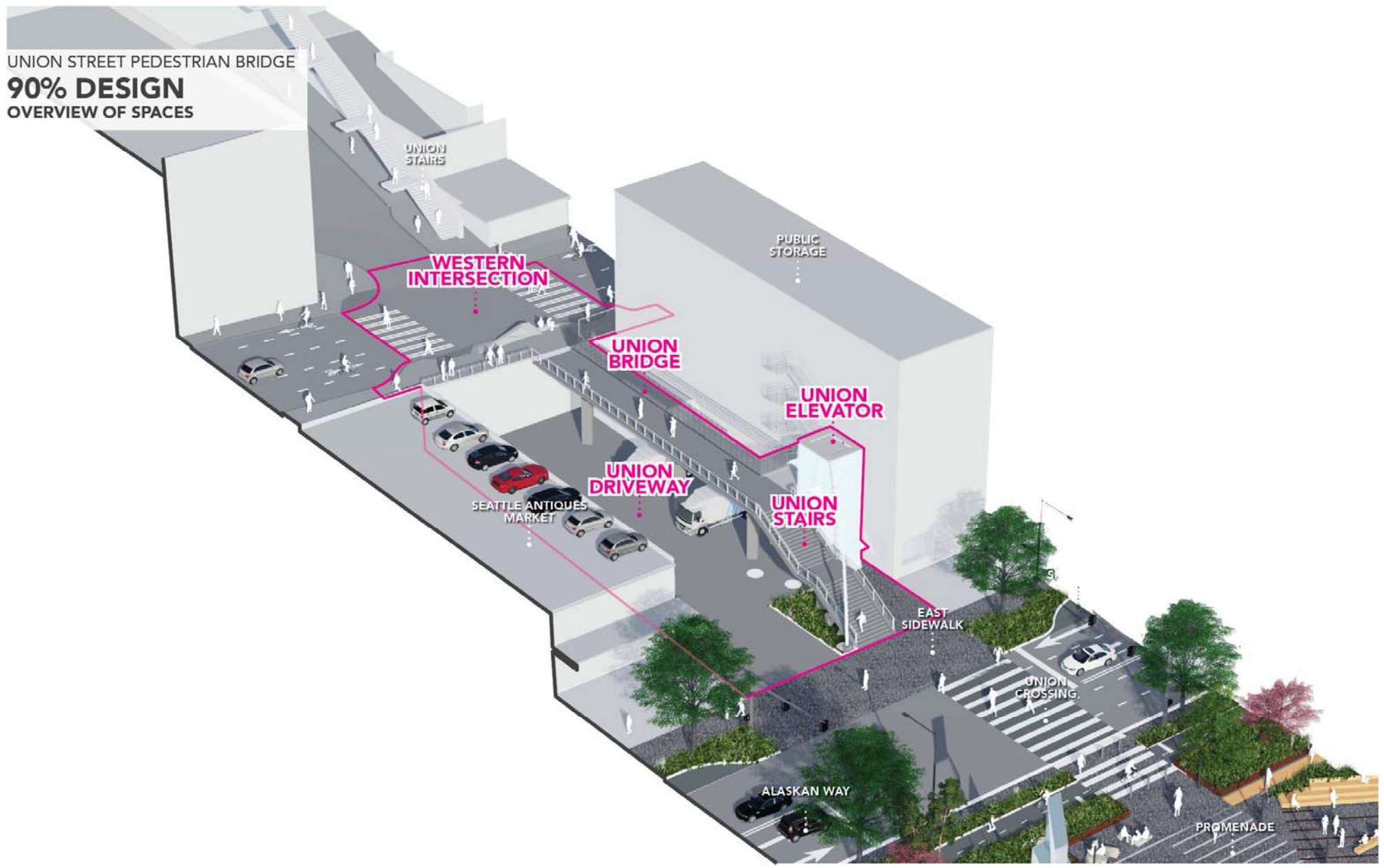
SDC FEEDBACK

- INSPIRED TO SEE AN AMBITIOUS DESIGN FOR THE UNION ST RIGHT-OF-WAY,
- COMMENDED THE TEAM FOR INTEGRATING THE ARTIST INTO THE PROCESS EARLY
- REQUESTED TO **REFINE THE WESTERN - ALASKAN ZONE**
- WOULD LIKE TO FIND OPPORTUNITIES TO **INTEGRATE WESTERN AVE MORE MEANINGFULLY**; COULD BE AN OVERLOOK
- ENCOURAGED CONTINUING THE CURRENT DIRECTION AND **MAINTAINING THE THIN, MINIMAL PROFILE OF THE STRUCTURES**
- ASKED TO ENSURE THE **IMPACT OF OTHER ARCHITECTURAL ELEMENTS DOES NOT CLUTTER THE ELEGANT STRUCTURAL PROFILES**, INCLUDING GUARDRAILS AND AWNING
- WOULD LIKE TO CONTINUE **INTEGRATION OF MATERIALS, ART, AND LIGHTING WITHIN THE OVERALL CONCEPT**, ESPECIALLY AT THE ELEVATOR
- REQUESTED TO HAVE A **SIMPLE PAVING APPROACH ON BRIDGE DECKS**
- SUPPORTED CONCEPT OF **ELEVATOR STRUCTURE AS A BEACON**
- REQUESTED TO **PURSUE OPPORTUNITIES FOR LANDSCAPING OR ART AT THE WESTERN AVE FACADE**
- ASK TO **MAKE THE STAIR AND ELEVATOR ENTICING**

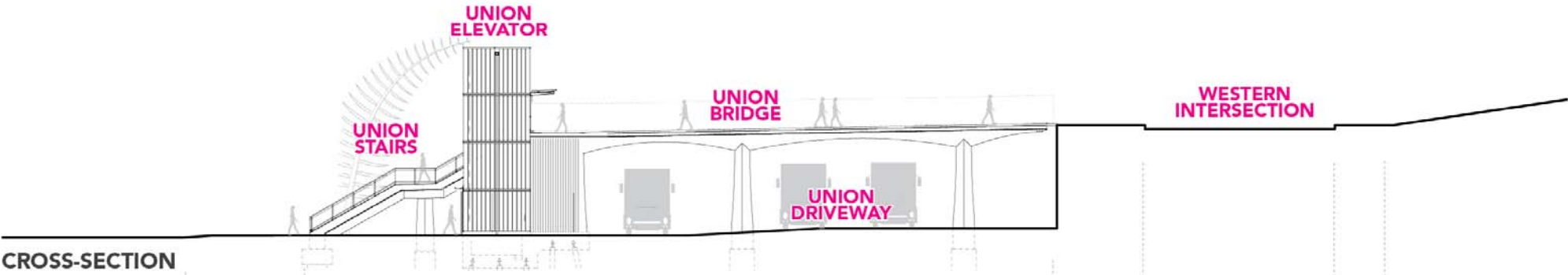
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
OVERVIEW OF SPACES



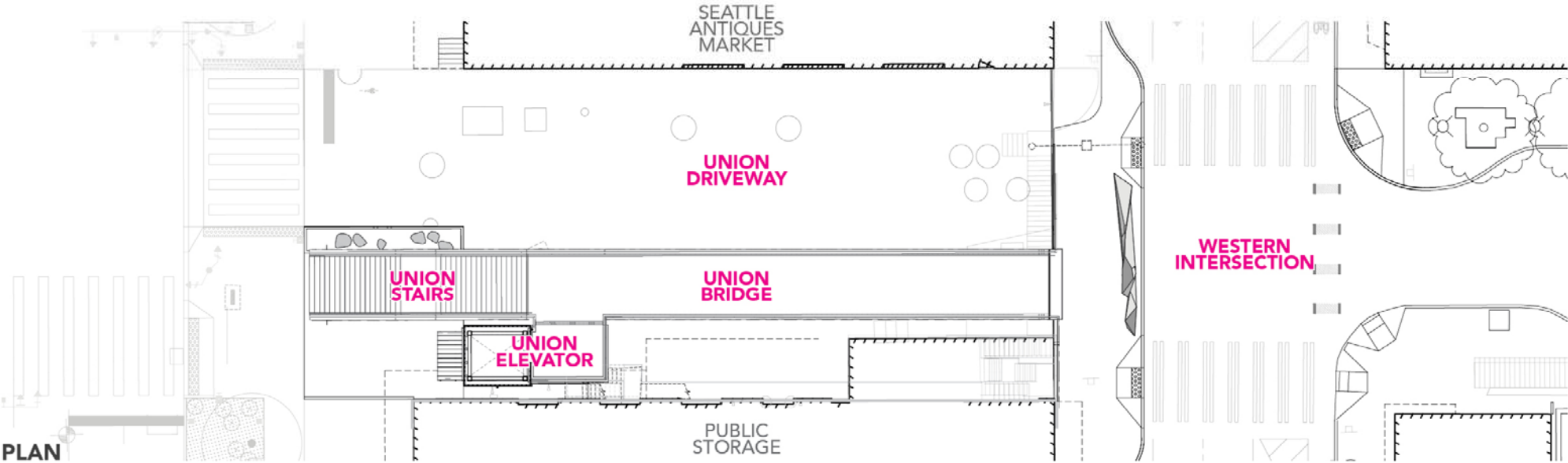
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
OVERVIEW OF SPACES



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
OVERVIEW OF SPACES

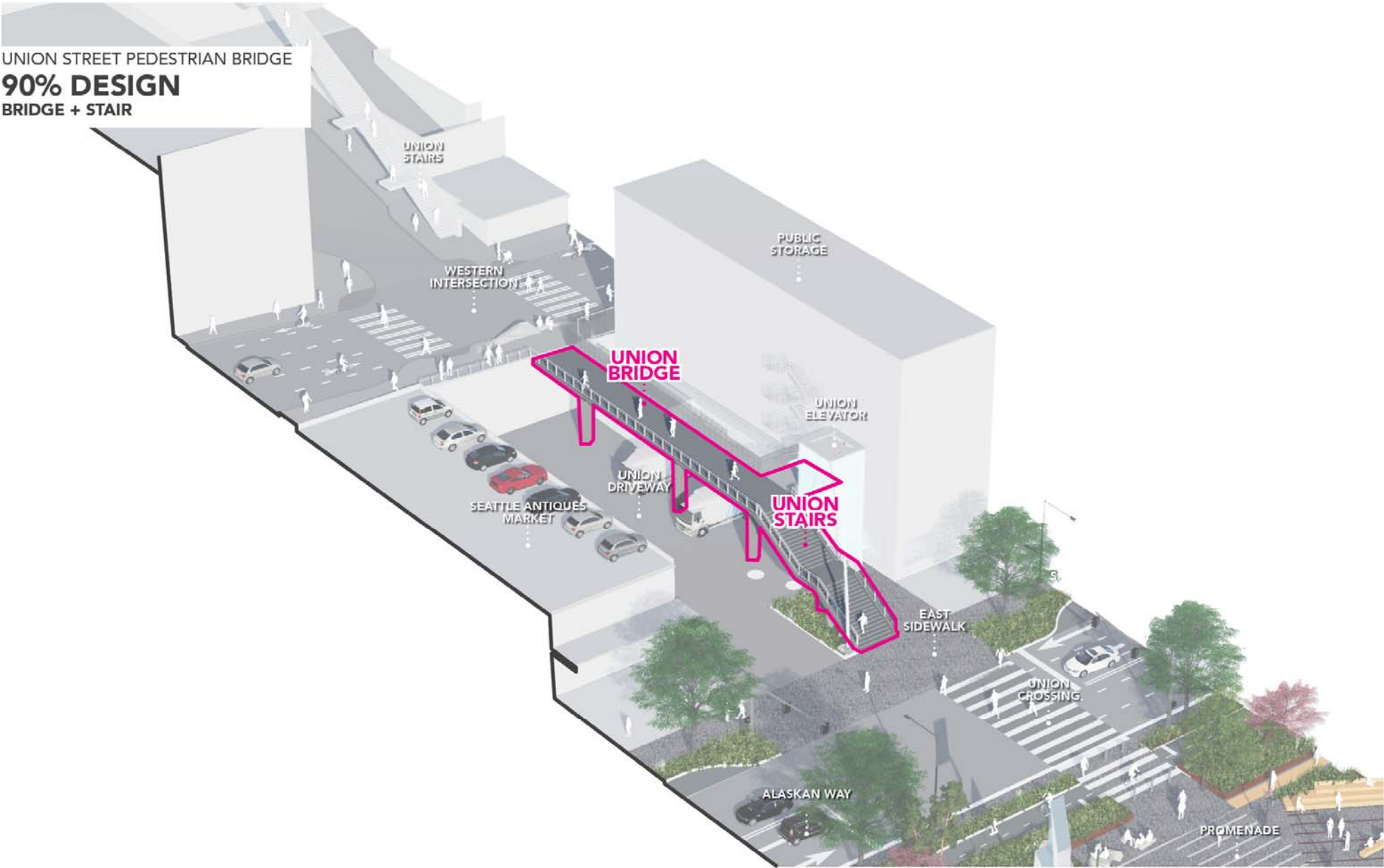


CROSS-SECTION

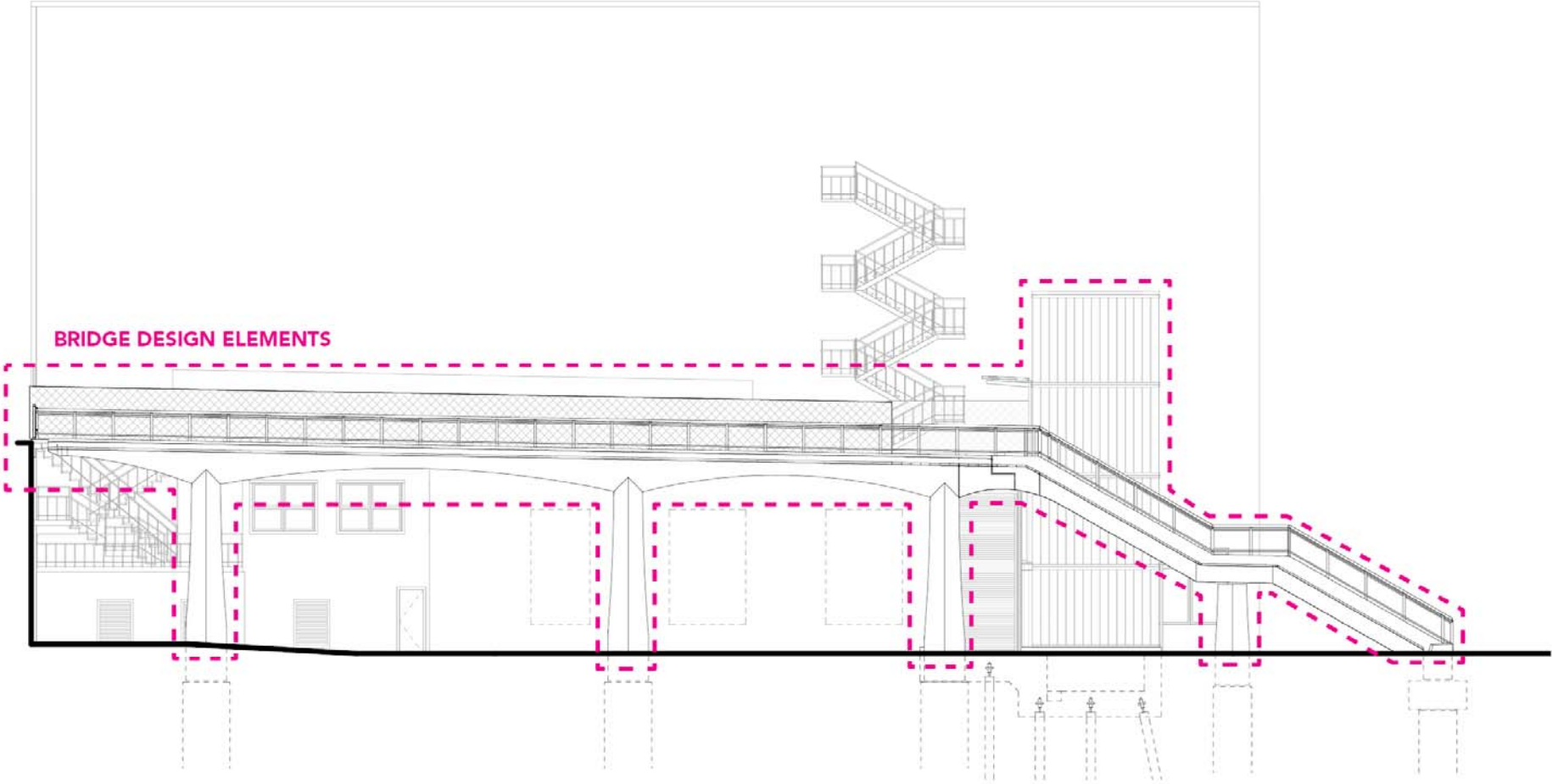


PLAN

UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
BRIDGE + STAIR

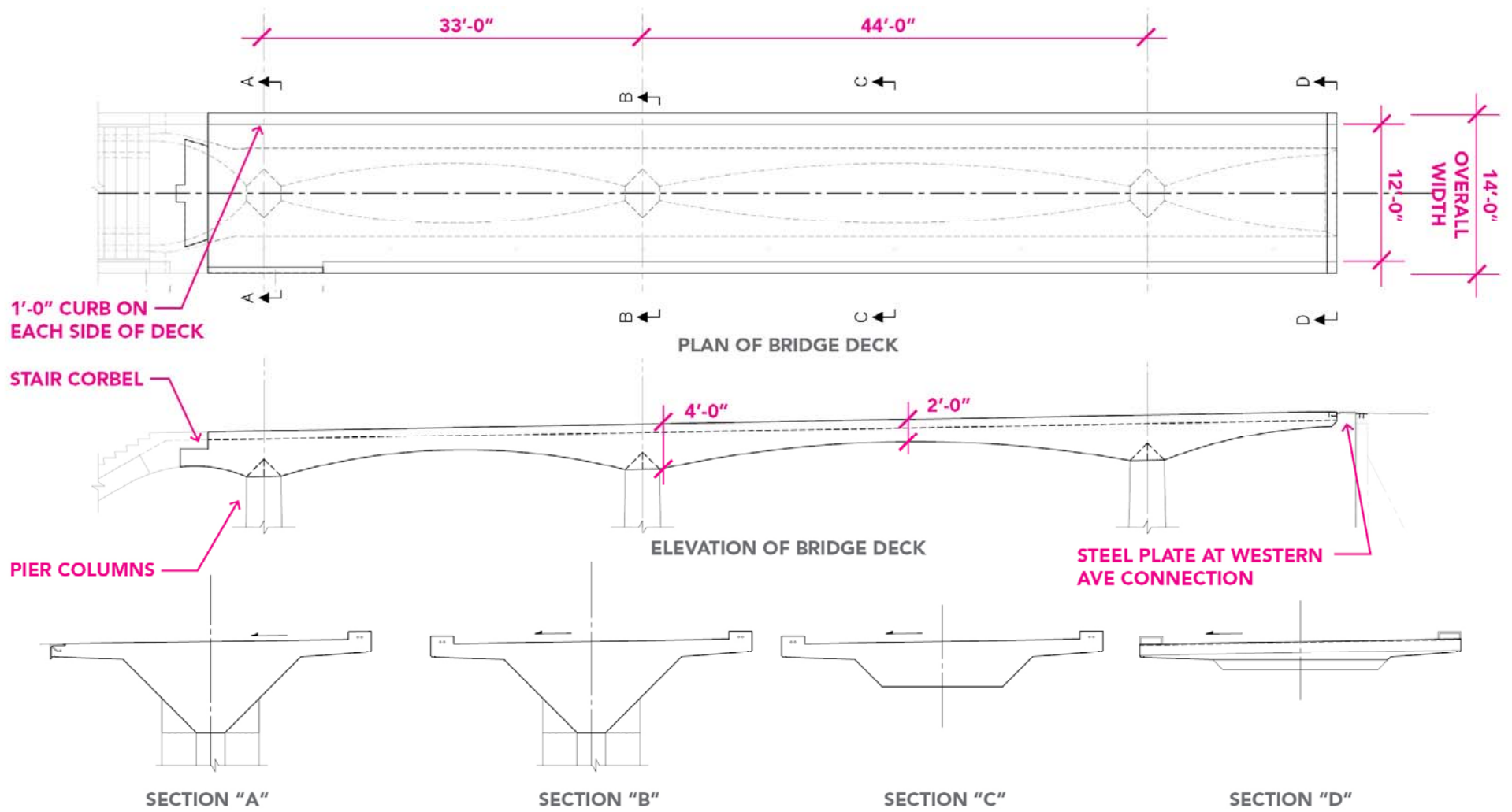


UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
BRIDGE DECK



NORTH ELEVATION

UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
COLUMNS



UNION STREET PEDESTRIAN BRIDGE
BRIDGE PRECEDENT
CADZAND FOOTBRIDGE



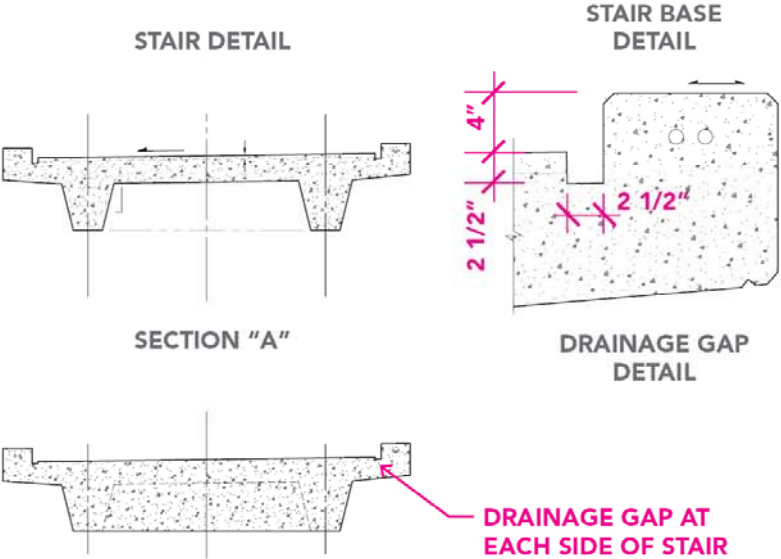
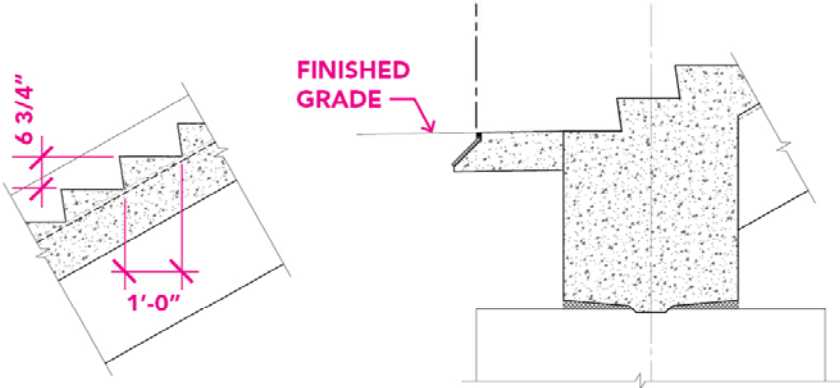
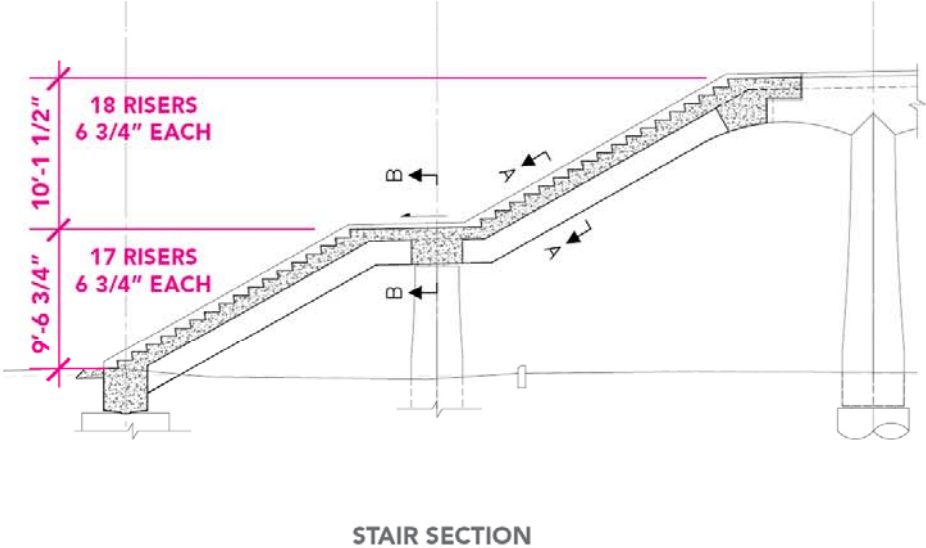
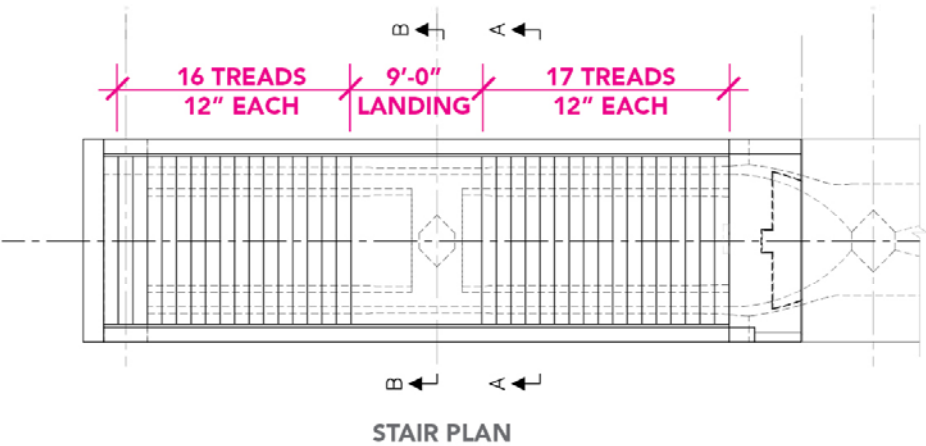
UNION STREET PEDESTRIAN BRIDGE
BRIDGE PRECEDENT
CALGARY PEDESTRIAN BRIDGE



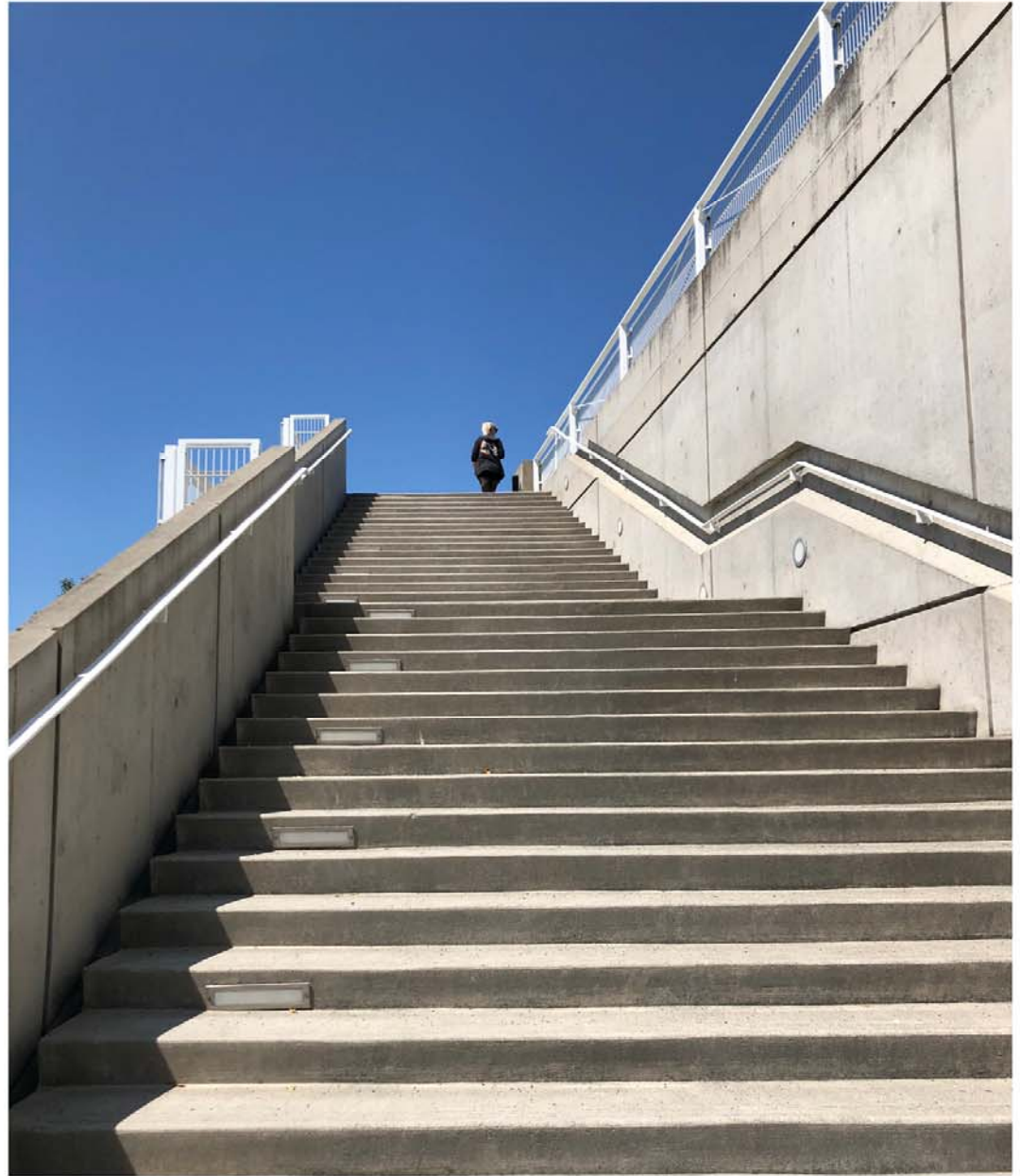
UNION STREET PEDESTRIAN BRIDGE
BRIDGE PRECEDENT
PONT NAPOLEON



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
STAIRS



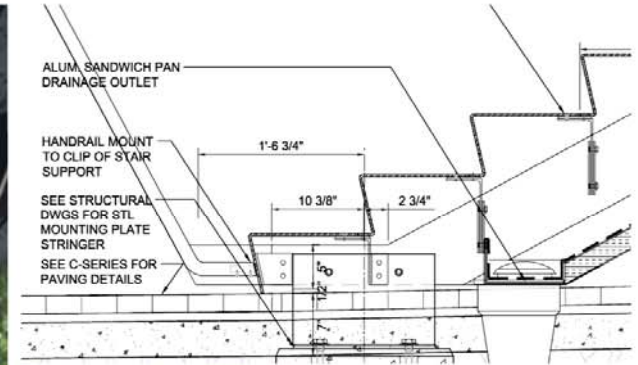
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
STAIR PRECEDENT: OLYMPIC SCULPTURE PARK



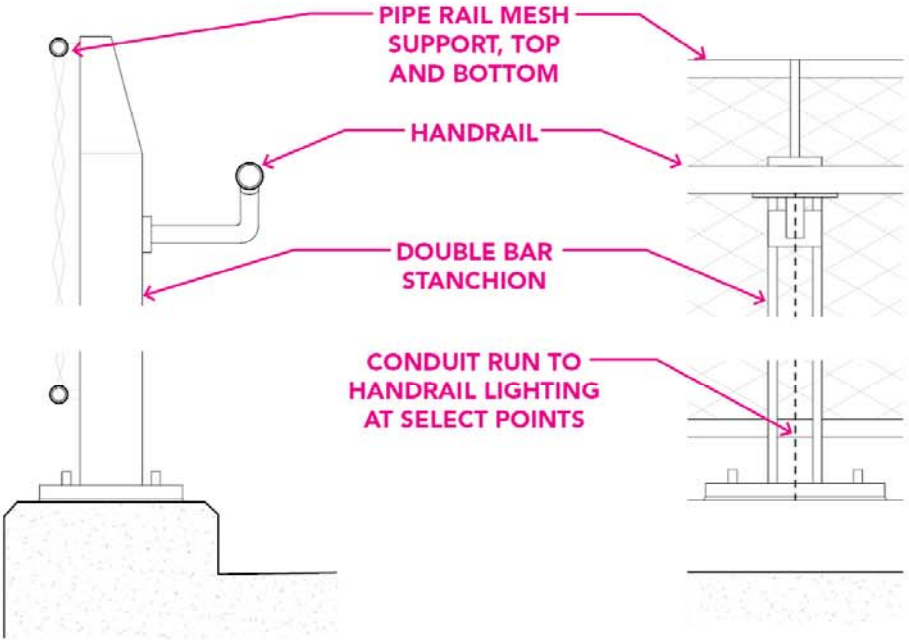
UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

STAIR PRECEDENT: HIGH LINE

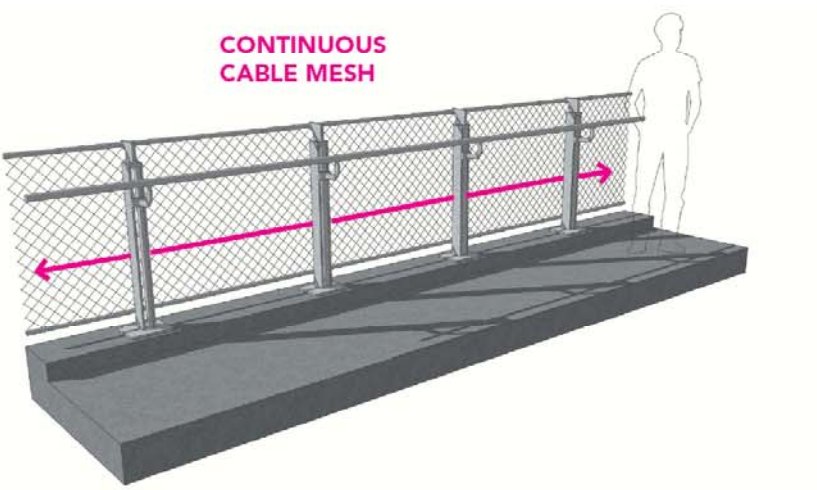


UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
GUARDRAIL + HANDRAIL

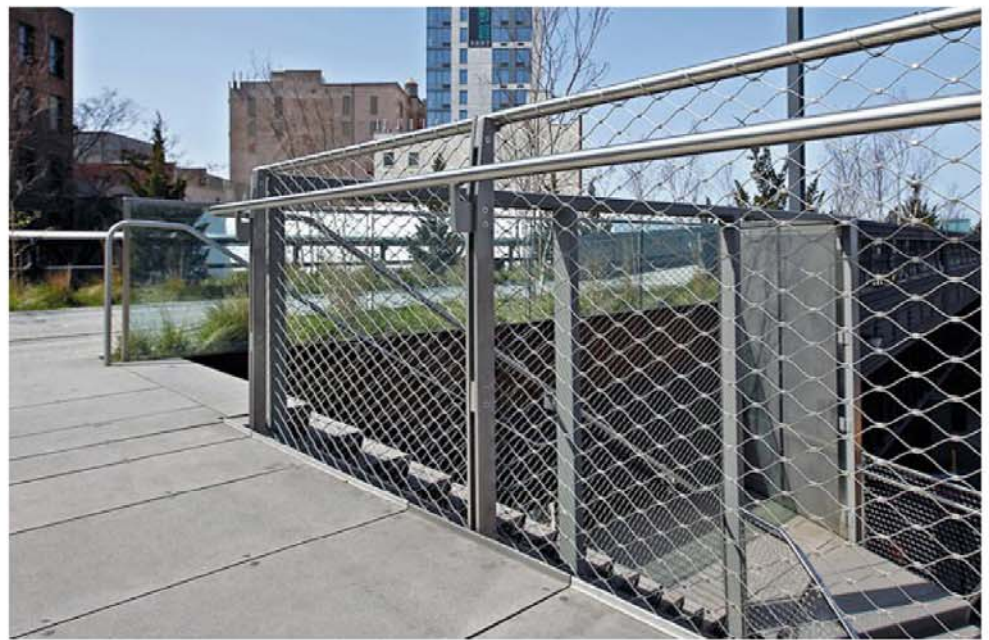


GUARDRAIL
SECTION DETAIL

GUARDRAIL
ELEVATION DETAIL



GUARDRAIL
SEGMENT



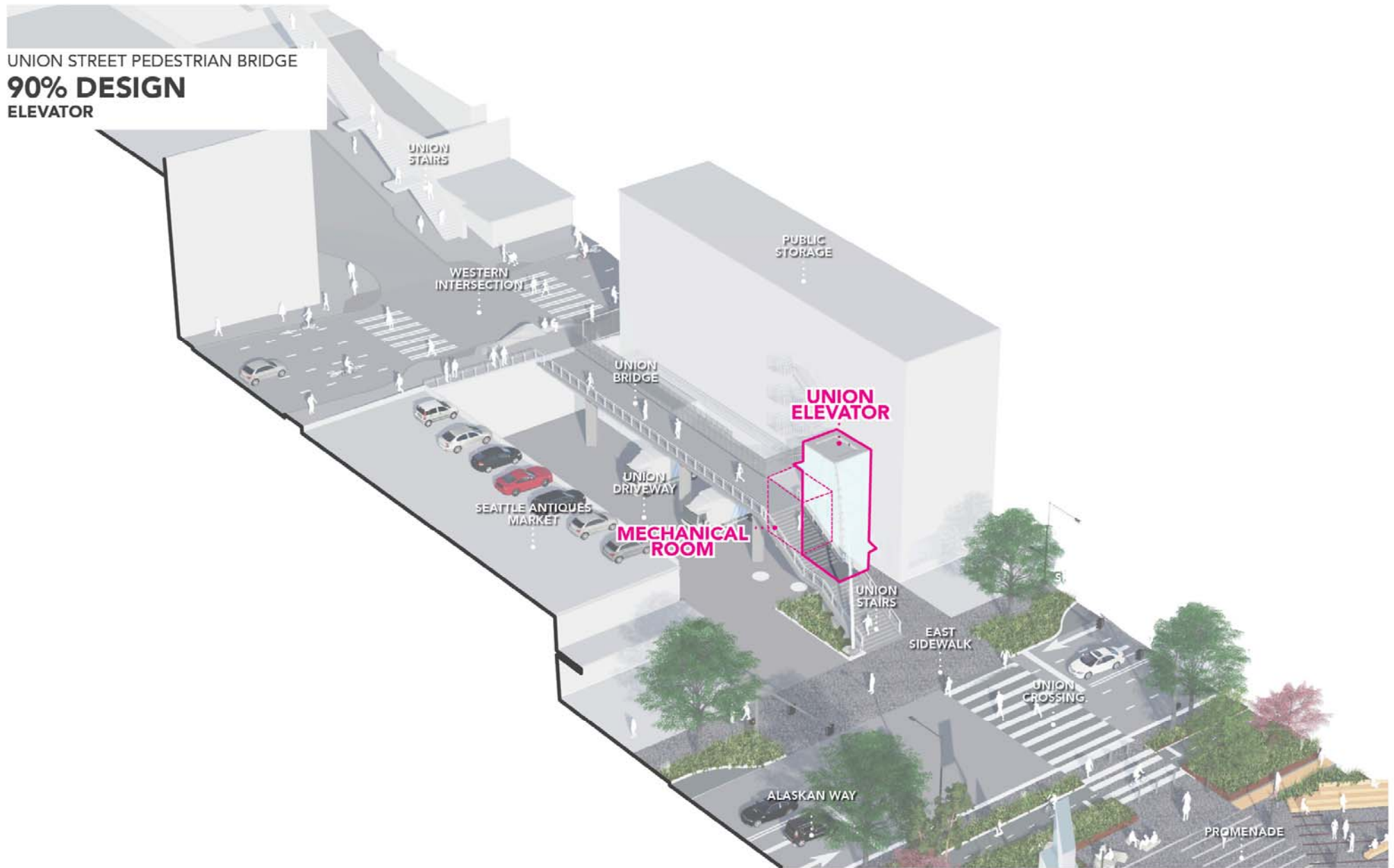
UNION STREET DESIGN
90% DESIGN
ALL BRIDGE ELEMENTS



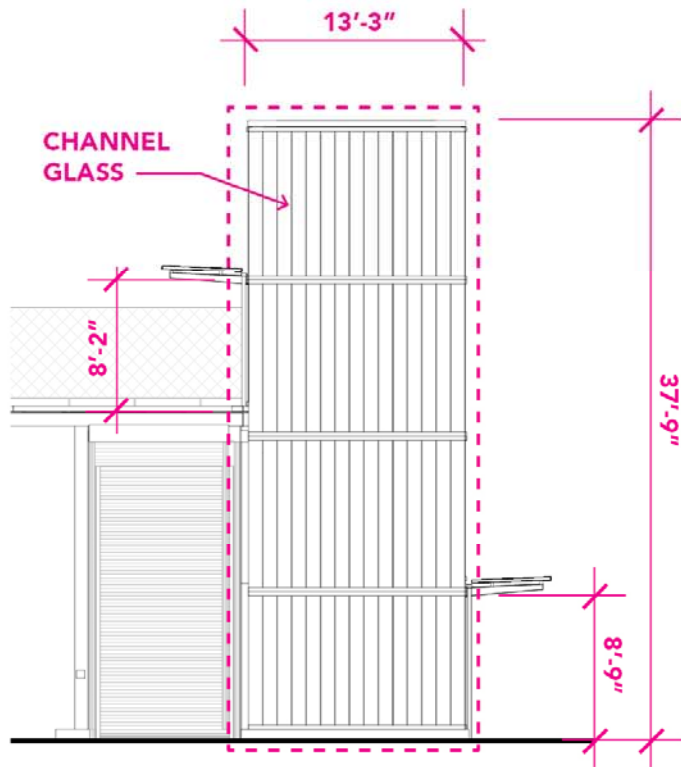
NORTH PERSPECTIVE

UNION STREET PEDESTRIAN BRIDGE

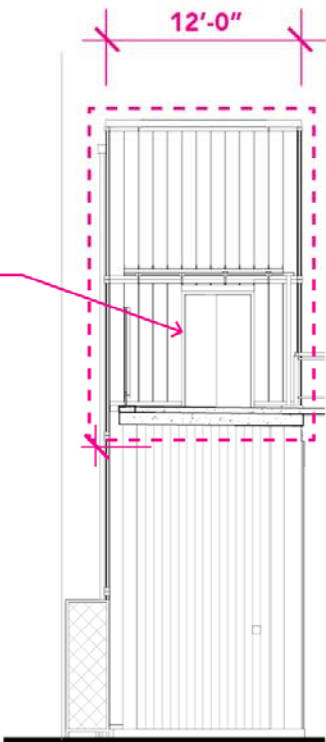
90% DESIGN
ELEVATOR



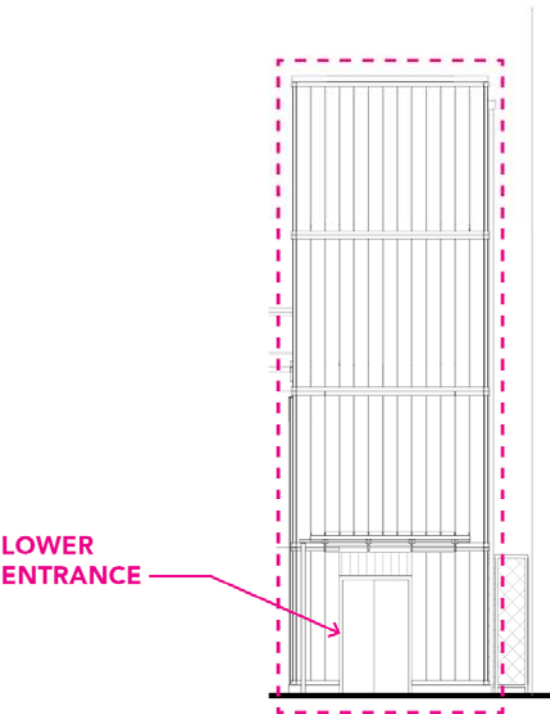
UNION STREET DESIGN
90% DESIGN
ELEVATOR



NORTH ELEVATION



EAST ELEVATION



WEST ELEVATION

UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
ELEVATOR CHANNEL GLASS



UNION STREET DESIGN
90% DESIGN
ELEVATOR



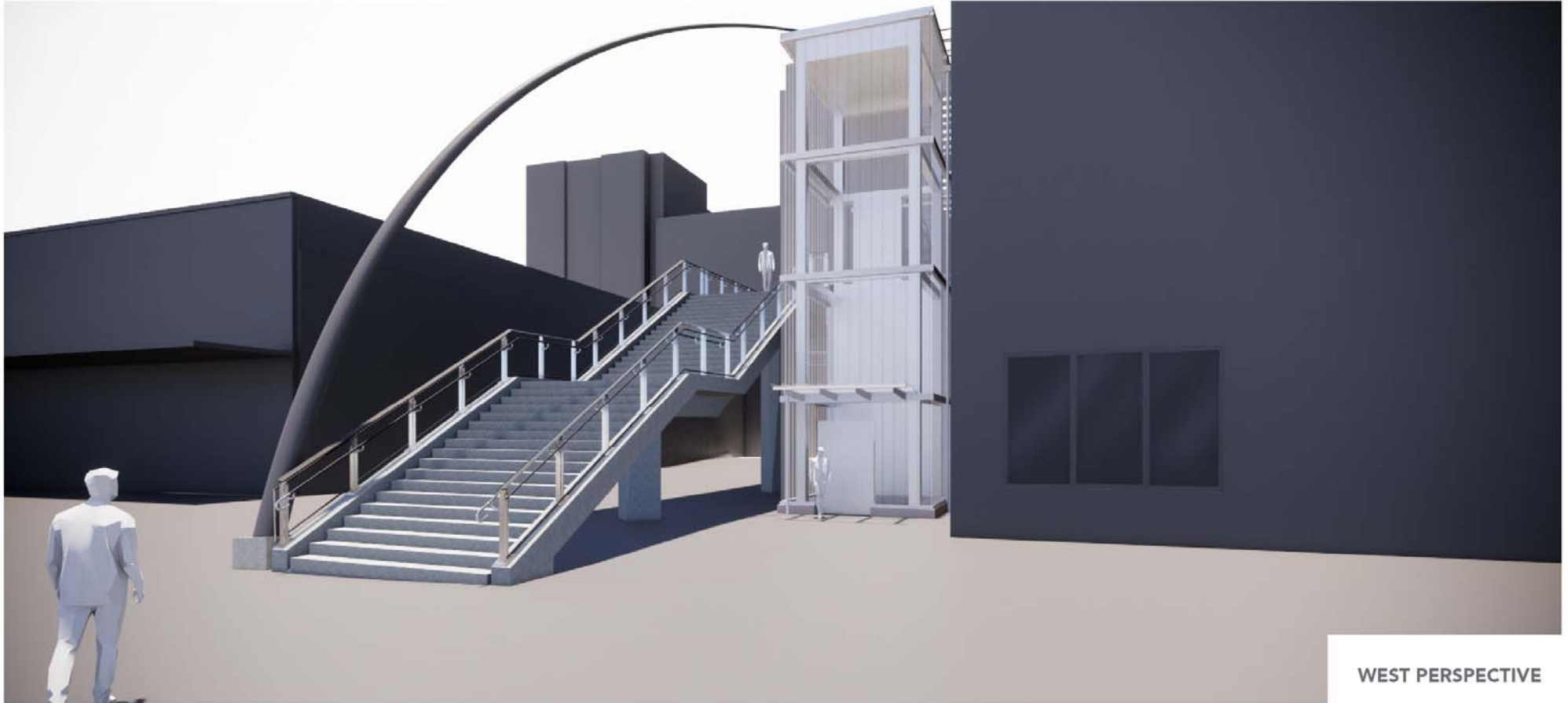
EAST PERSPECTIVE

UNION STREET DESIGN
90% DESIGN
ELEVATOR



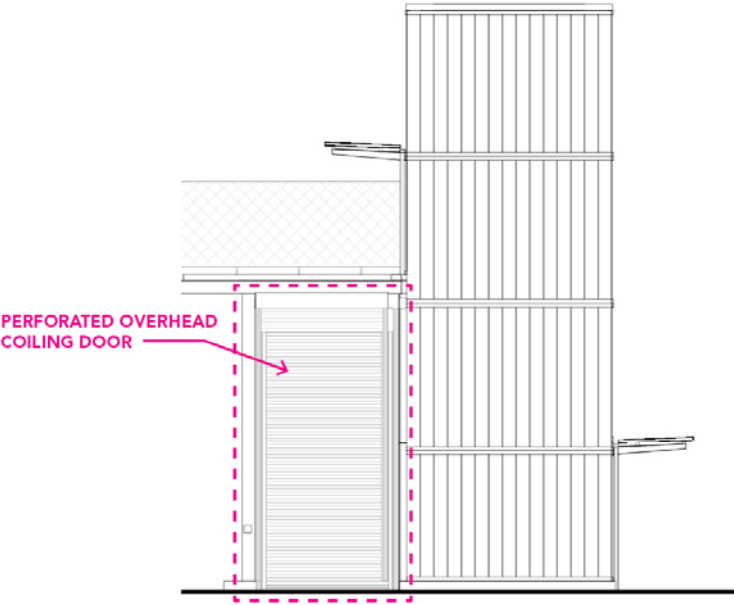
NORTH PERSPECTIVE

UNION STREET DESIGN
90% DESIGN
ELEVATOR

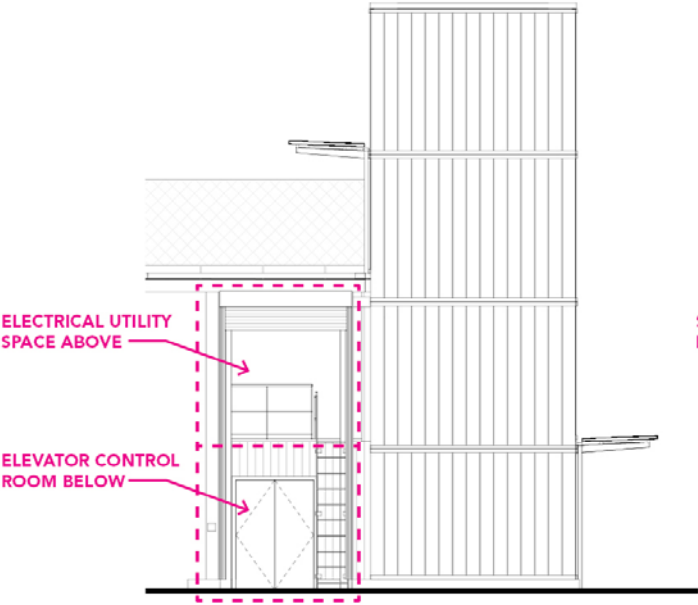


WEST PERSPECTIVE

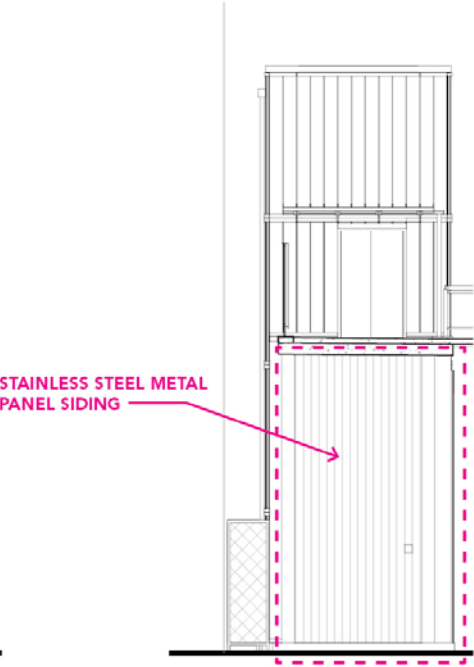
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
UTILITY TOWER



NORTH ELEVATION
COILING DOOR CLOSED



NORTH ELEVATION
COILING DOOR OPEN



EAST ELEVATION

UNION STREET DESIGN
90% DESIGN
UTILITY TOWER

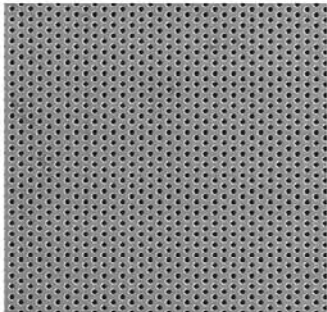


NORTH PERSPECTIVE



EAST PERSPECTIVE

UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
MATERIALS



STAINLESS STEEL PERFORATED METAL
OVERHEAD COILING DOOR



VERTICAL METAL PANEL
CONTROL ROOM



HIGH GLOSS WHITE PAINT
ELEVATOR STEEL FINISH

CHANNEL GLASS
ELEVATOR HOISTWAY + CANOPIES



STAINLESS STEEL
RAILINGS + LADDER



CABLE WIRE MESH
RAILINGS

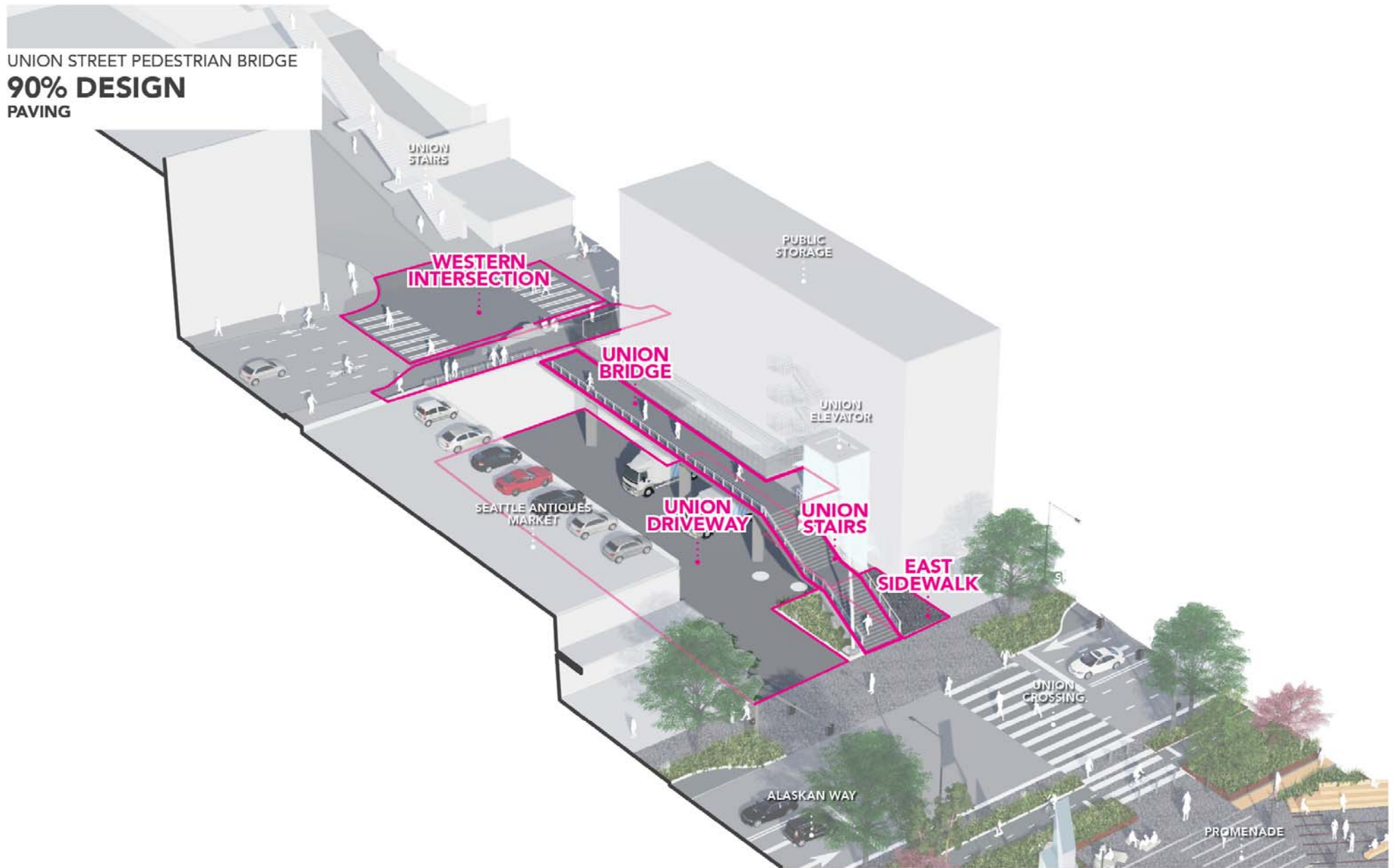


CONCRETE
BRIDGE + STAIR

UNION STREET PEDESTRIAN BRIDGE

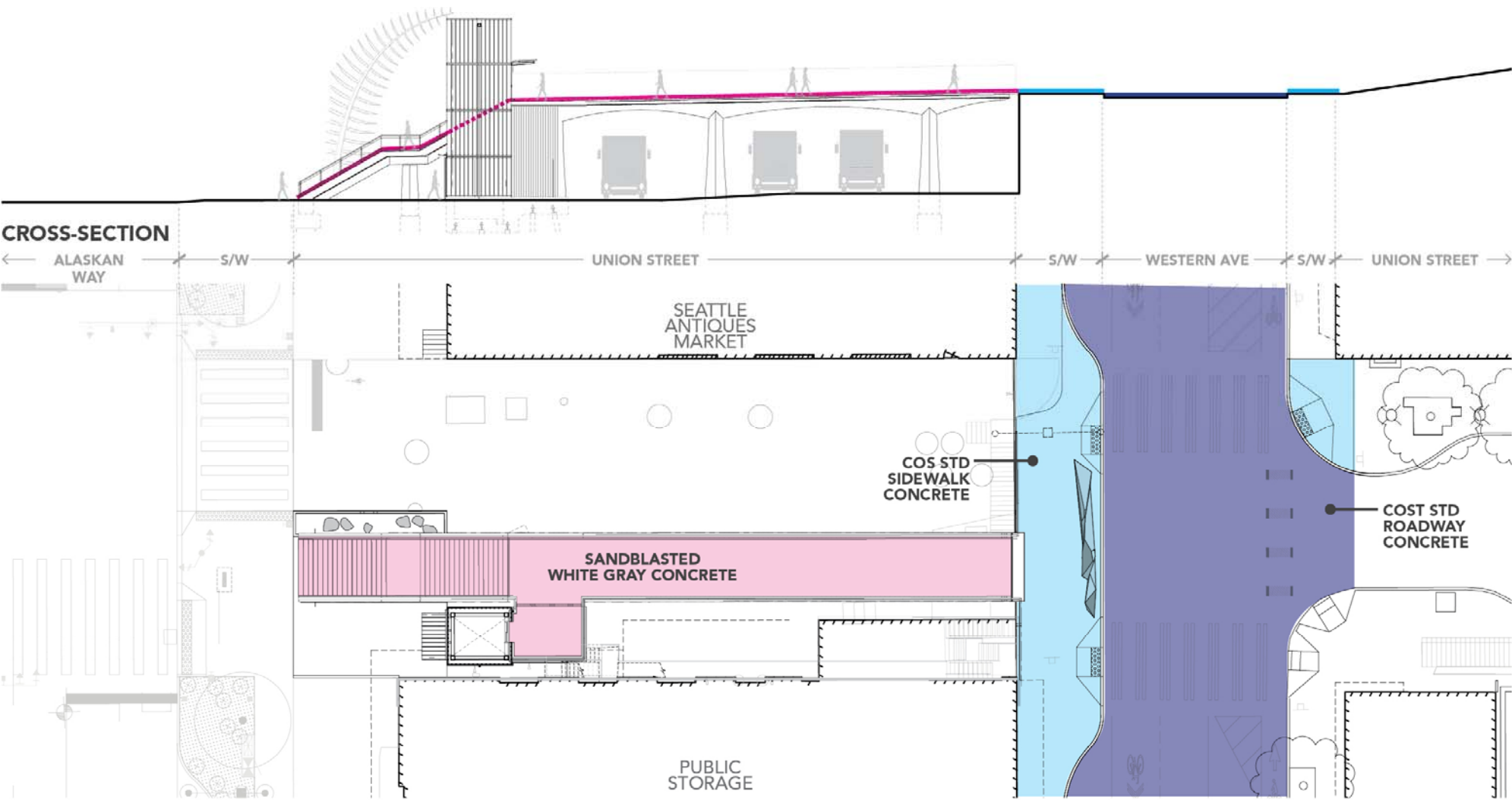
90% DESIGN

PAVING



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
PAVING SURFACES AT UPPER LEVEL

- COS STANDARD
SIDEWALK CONCRETE
- COST STANDARD
ROADWAY CONCRETE
- SANDBLASTED
WHITE GRAY CONCRETE



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
PAVING SURFACES AT UPPER LEVEL



BRIDGE + STAIR
CONCRETE



COS STD CIP SIDEWALK
CONCRETE



COS STD CIP
ROADWAY CONCRETE

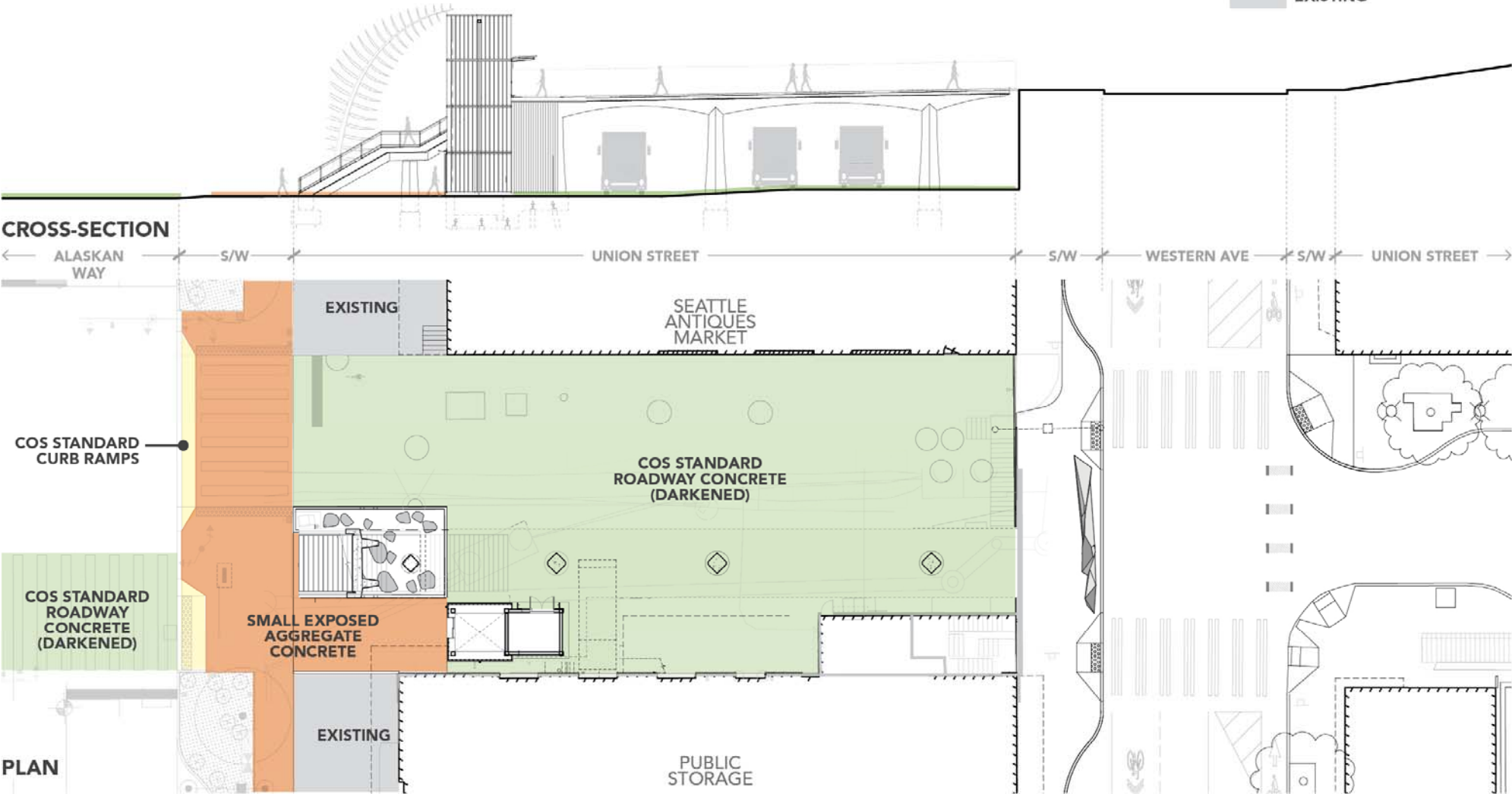
↑
OVERLOOK WALK +
UNION STAIRS MATERIAL

↑
WESTERN AVENUE SIDEWALK
PAVING MATERIAL

↑
WESTERN AVENUE ROADWAY
PAVING MATERIAL

UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
PAVING SURFACES AT LOWER LEVEL

- COS STANDARD ROADWAY CONCRETE (DARKENED)
- MAIN CORRIDOR SMALL EXP AGGREGATE CONCRETE
- COS STANDARD CURB RAMPS
- EXISTING

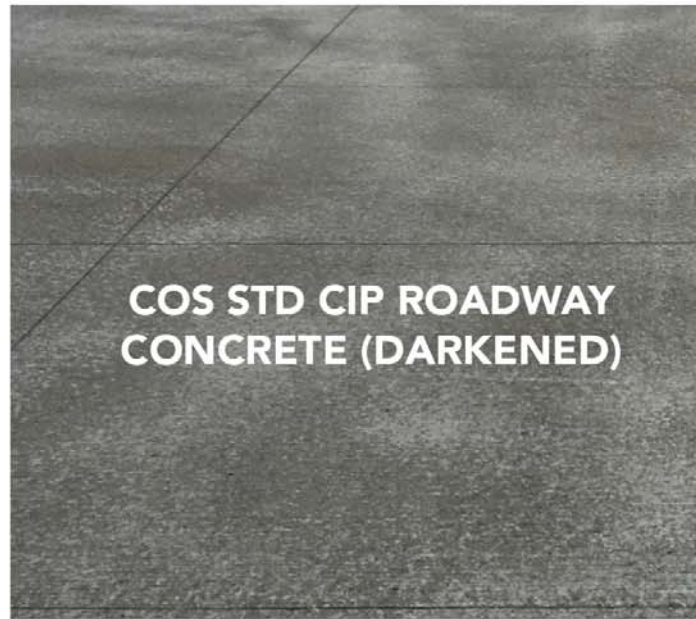


UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
PAVING SURFACES AT LOWER LEVEL



**SMALL EXPOSED
AGGREGATE CONCRETE**

↑
**MAIN CORRIDOR
PEDESTRIAN PAVING
MATERIAL**



**COS STD CIP ROADWAY
CONCRETE (DARKENED)**

↑
**MAIN CORRIDOR
STREET INTERSECTION
PAVING MATERIAL**



**BRIDGE + STAIR
CONCRETE**

↑
**OVERLOOK WALK +
UNION STAIRS MATERIAL**



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
PAVING MATERIALS

COS STD CIP SIDEWALK



DRIVEWAY CIP CONCRETE
(DARKENED)

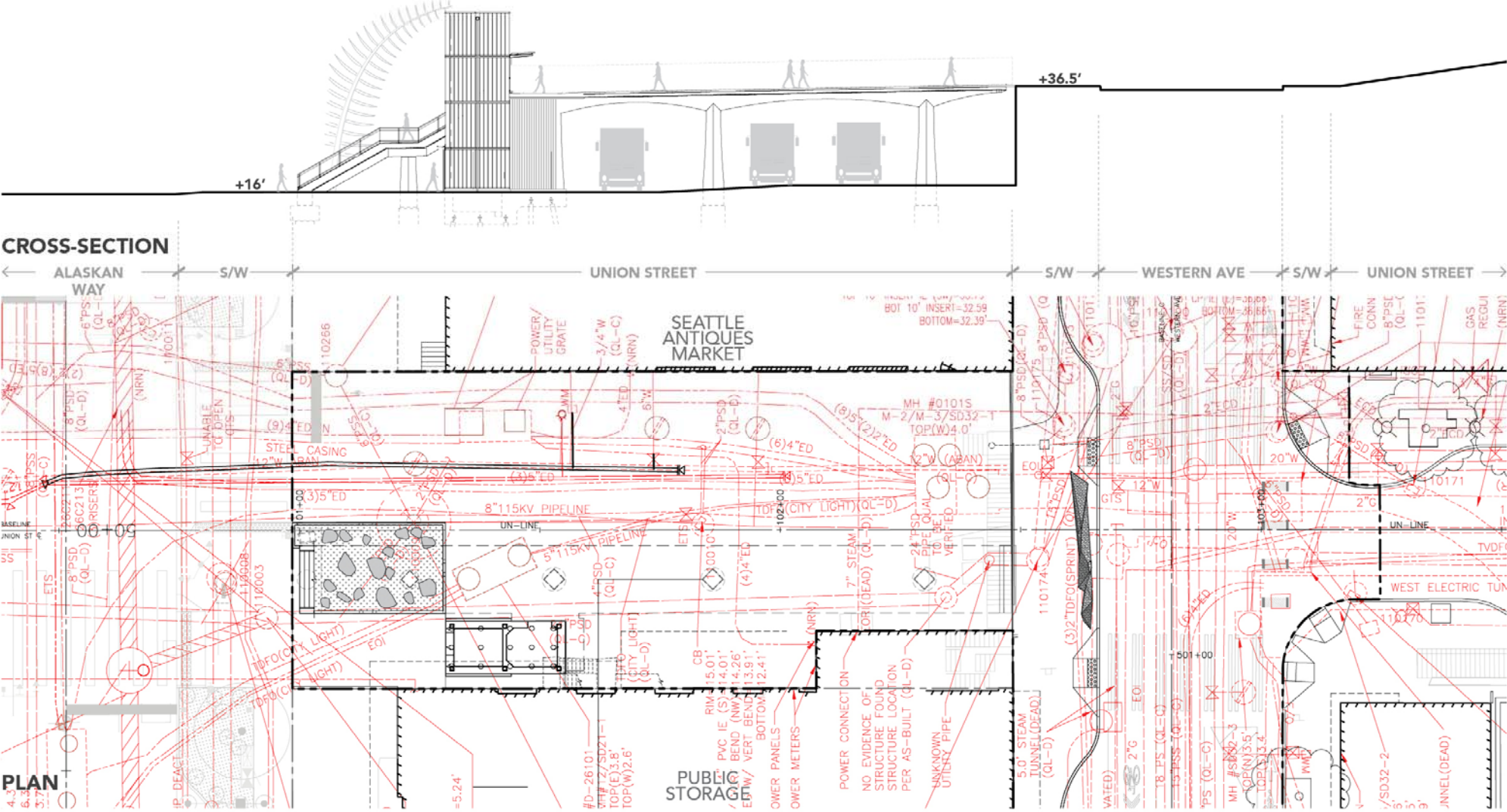


BRIDGE + STAIR CONCRETE

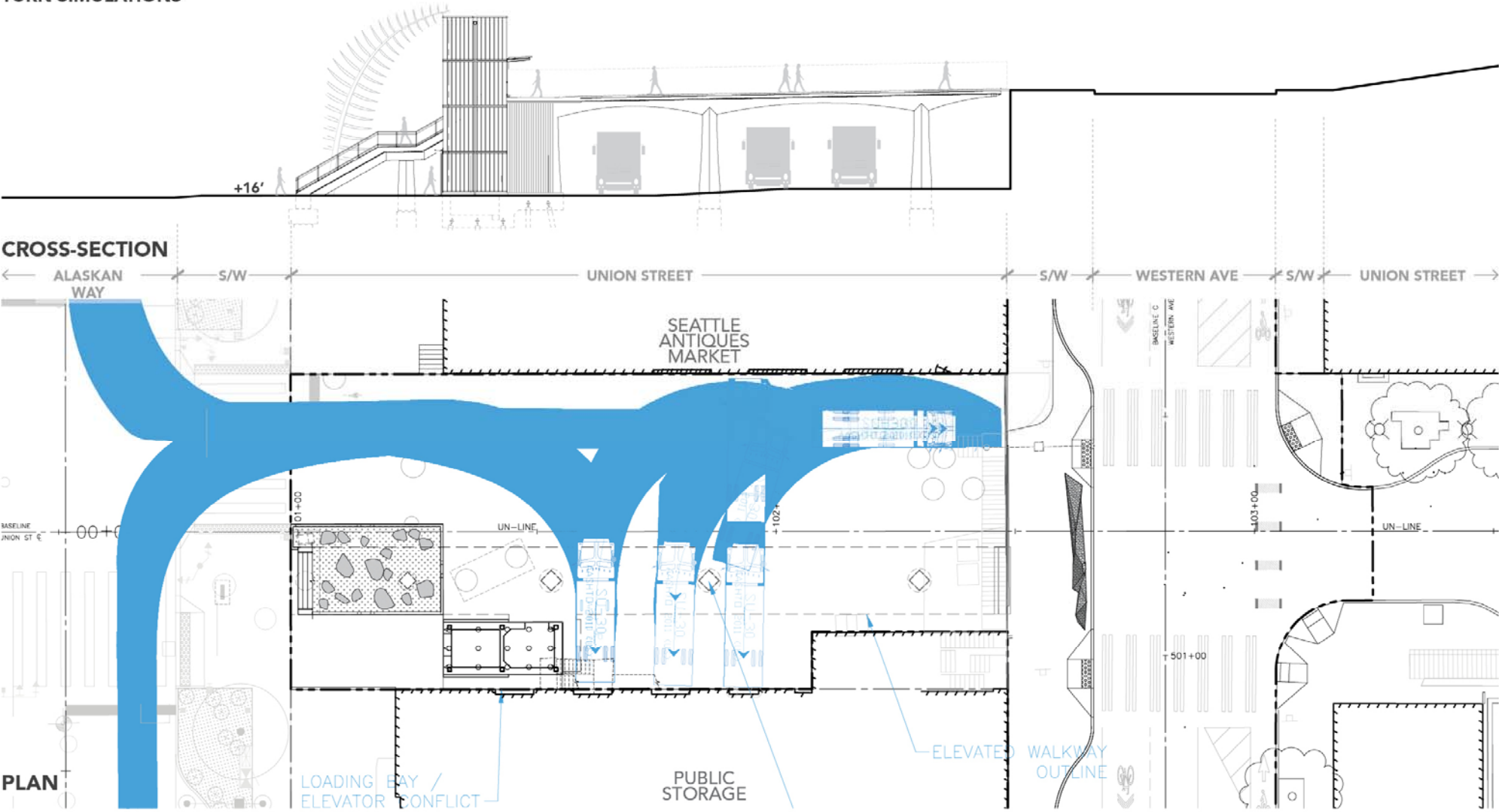


SMALL EXPOSED AGGREGATE
CONCRETE

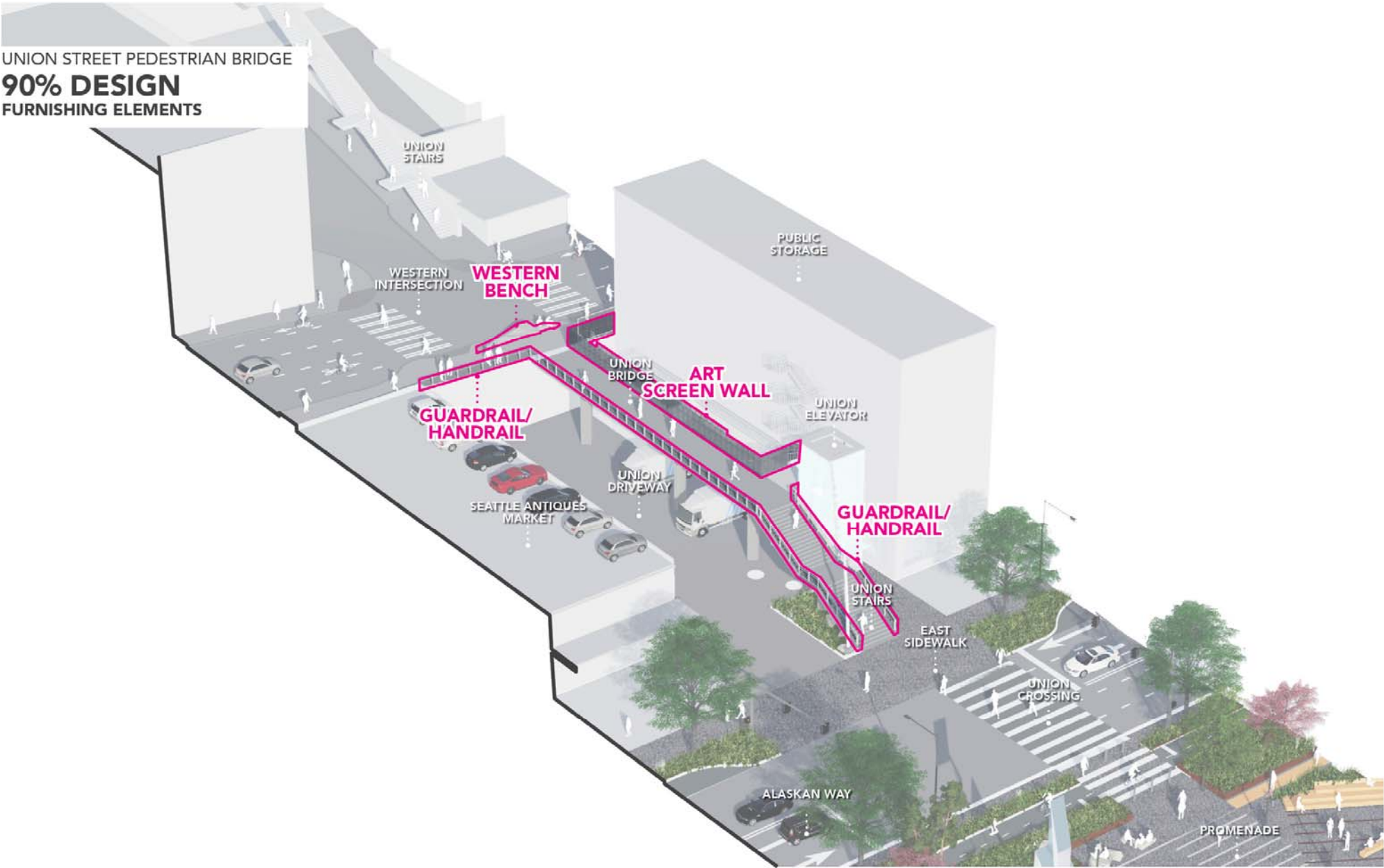
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
UTILITIES



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
TURN SIMULATIONS

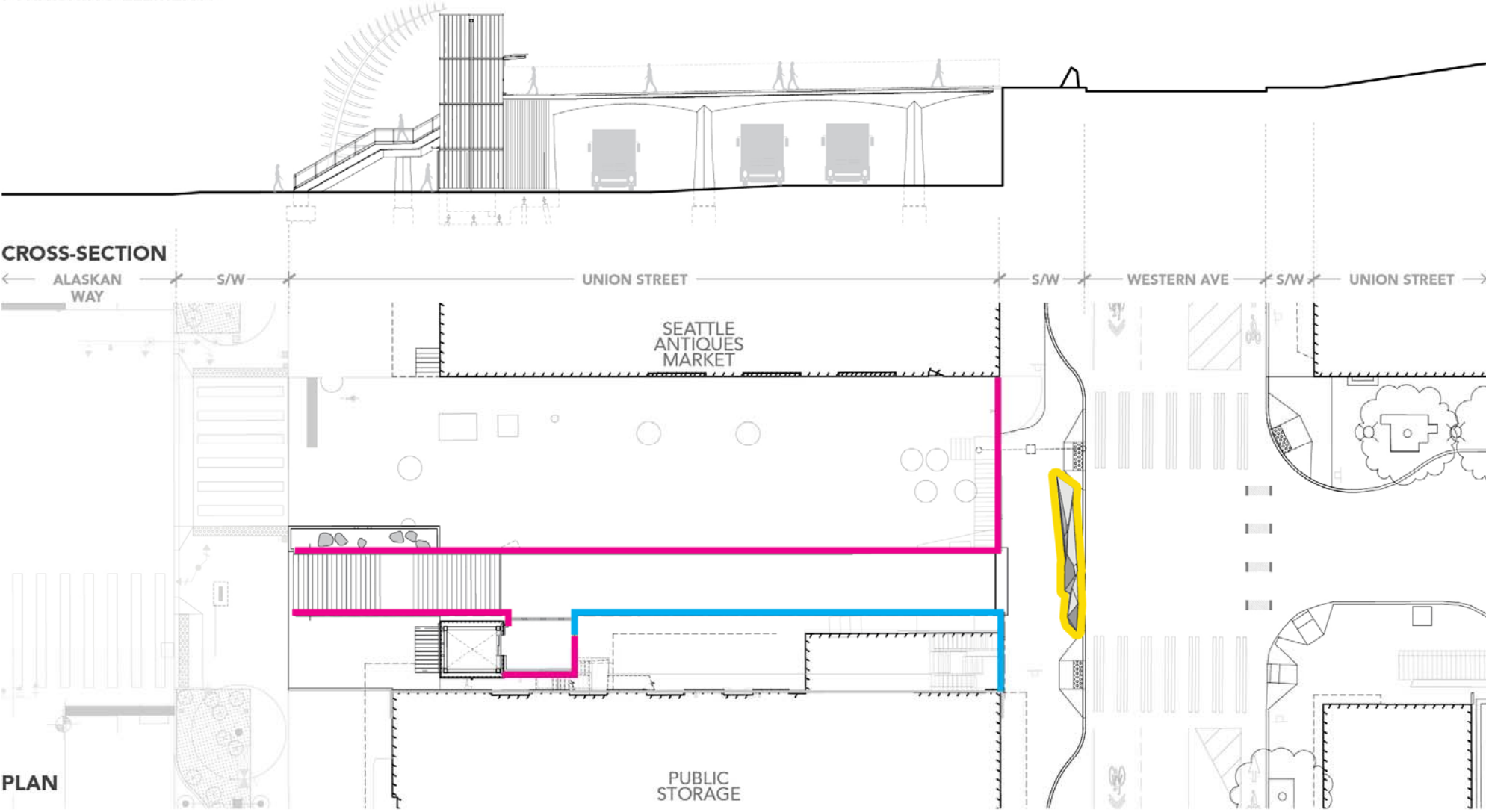


UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
FURNISHING ELEMENTS

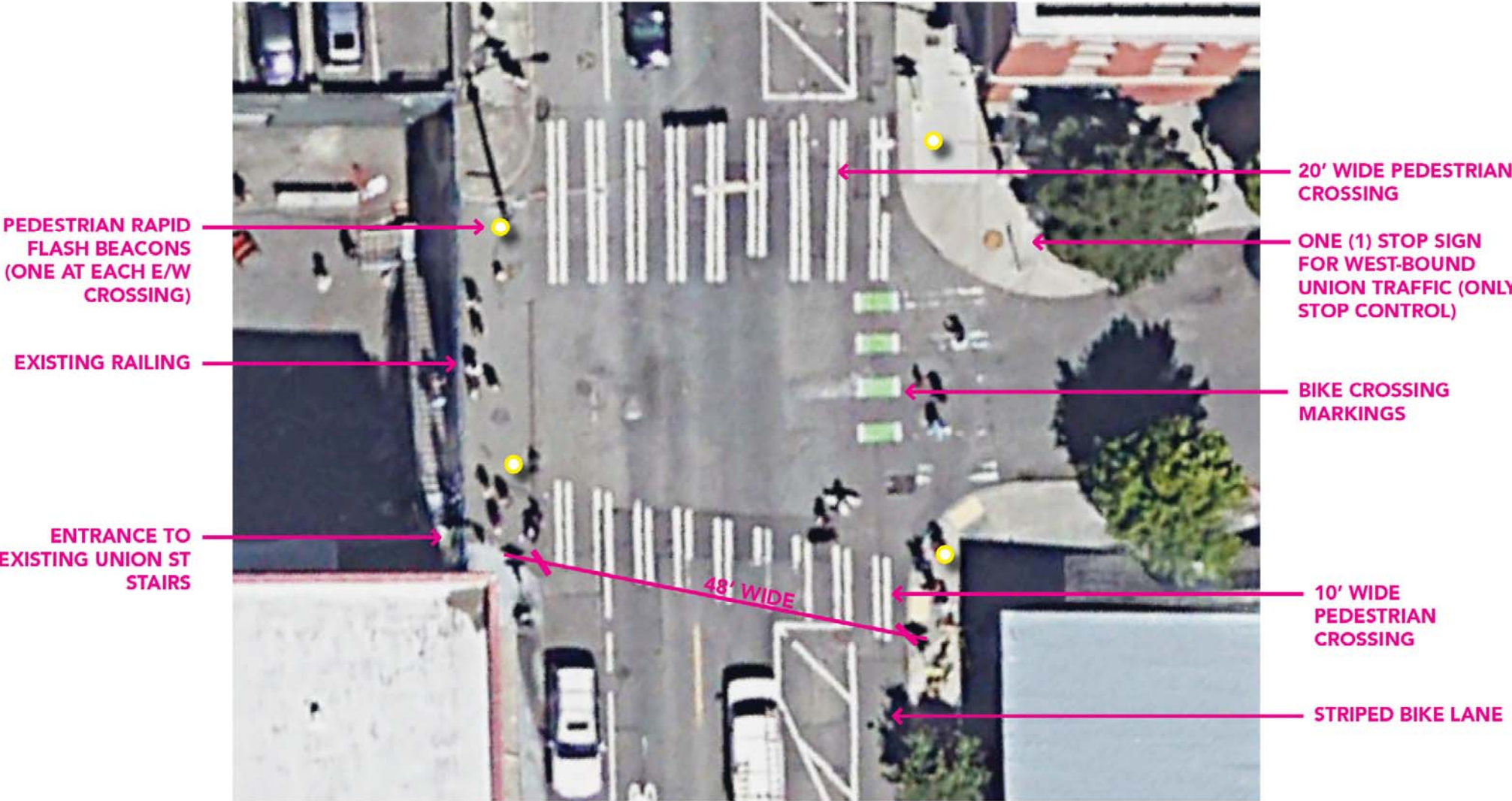


UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
FURNISHING ELEMENTS

- GUARDRAIL/HANDRAIL
- ART SCREEN WALL
- WESTERN BENCH



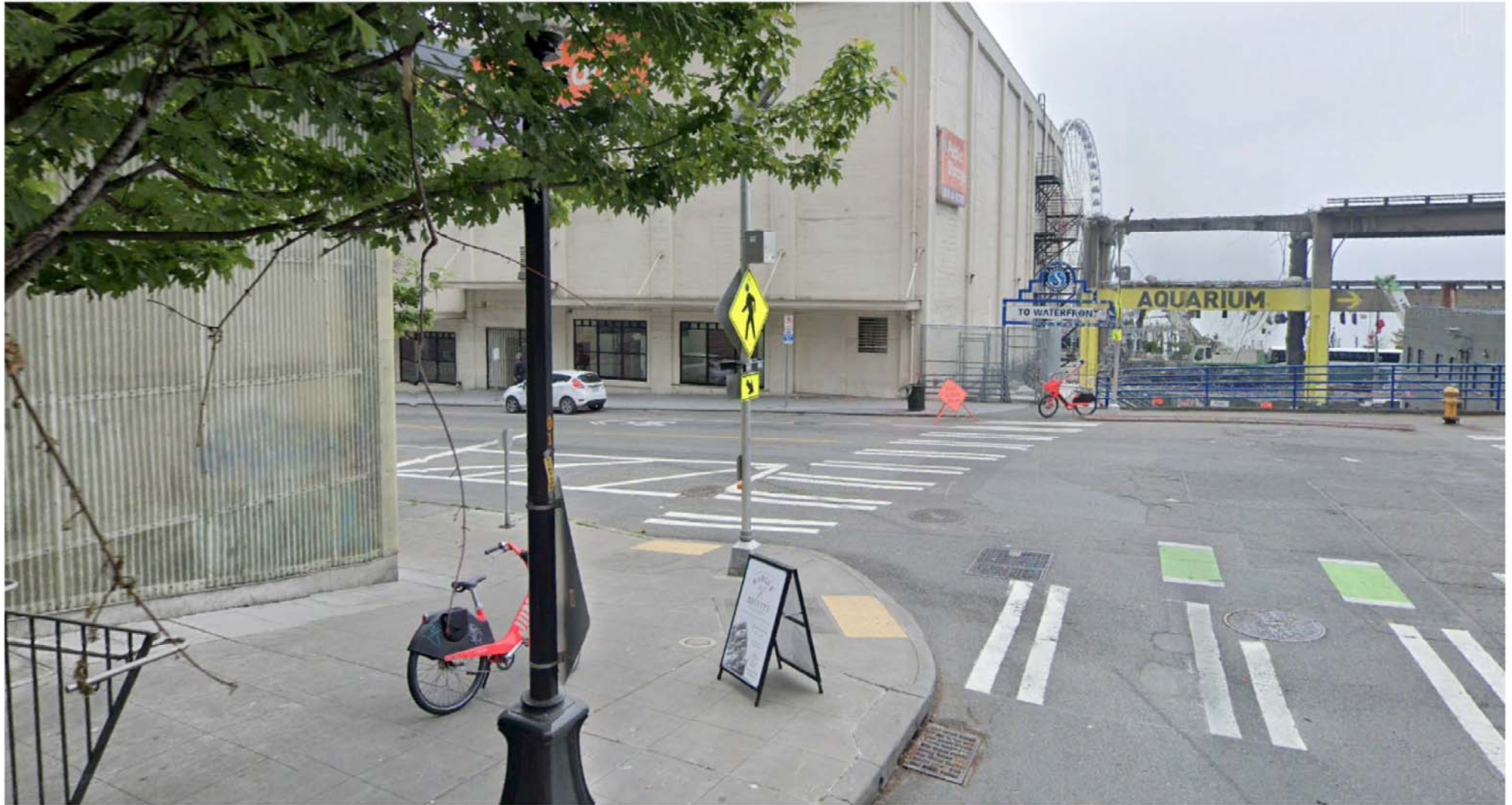
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
WESTERN INTERSECTION EXISTING CONDITION



UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

WESTERN INTERSECTION EXISTING CONDITION



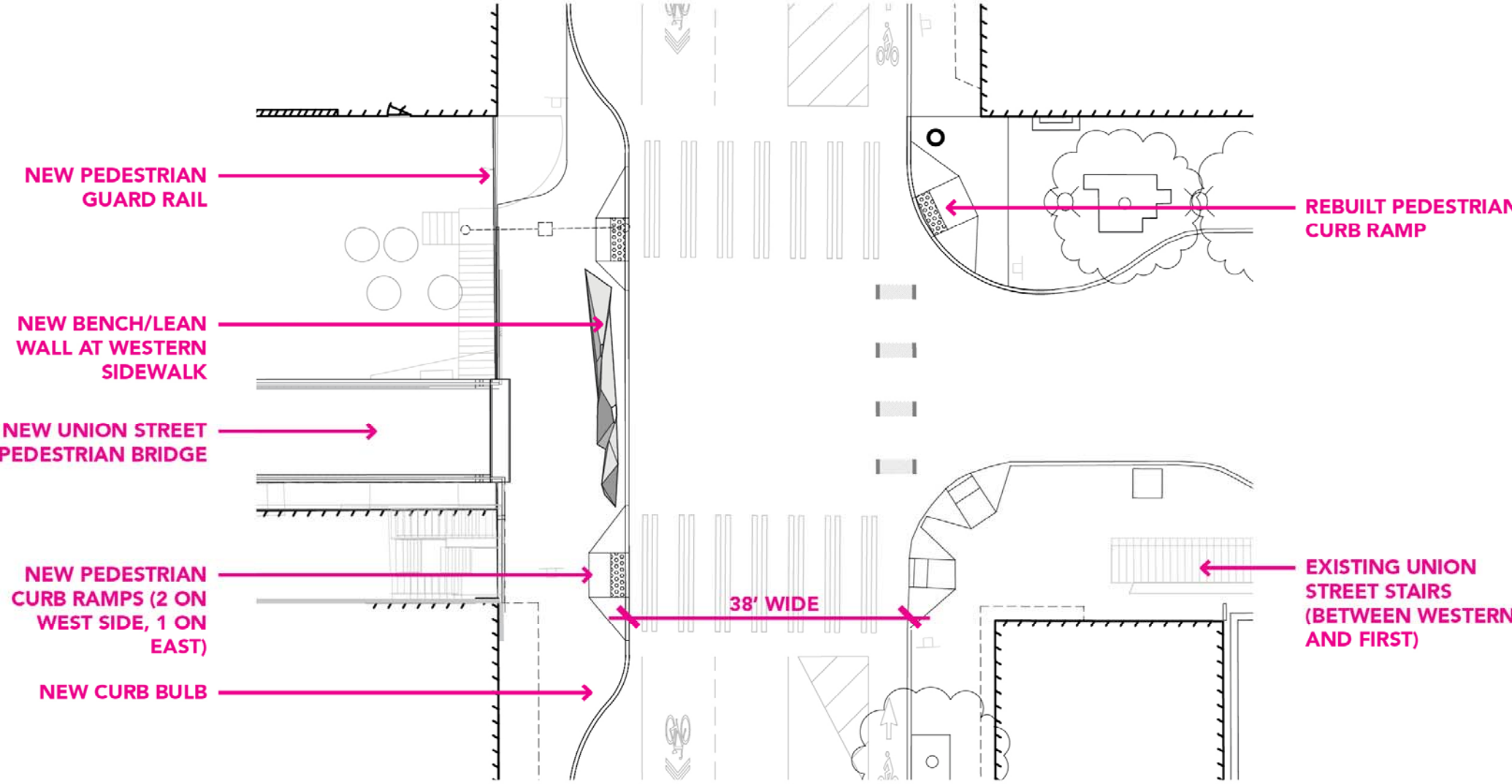
UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

WESTERN INTERSECTION EXISTING CONDITION



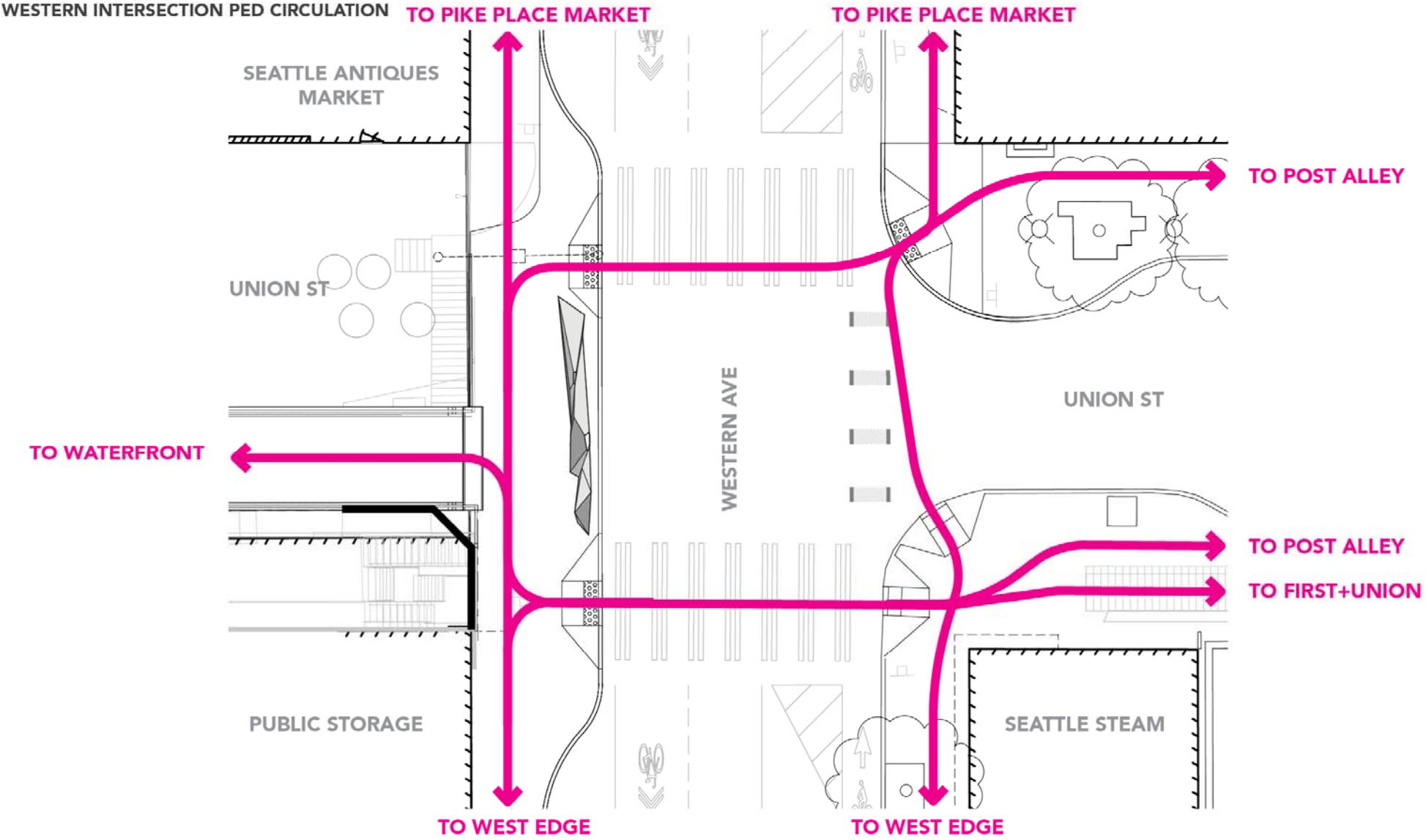
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
WESTERN INTERSECTION LAYOUT



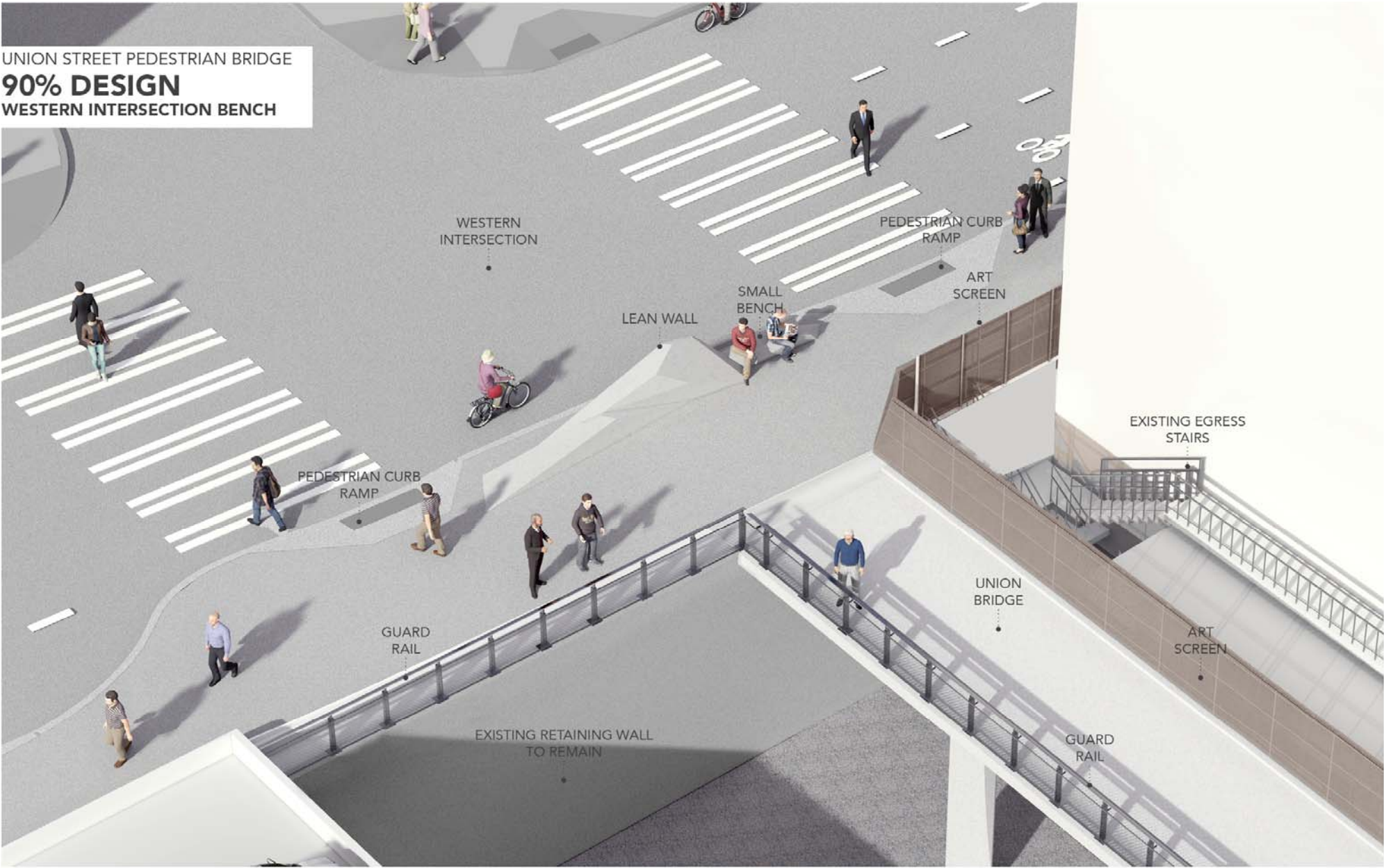
UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

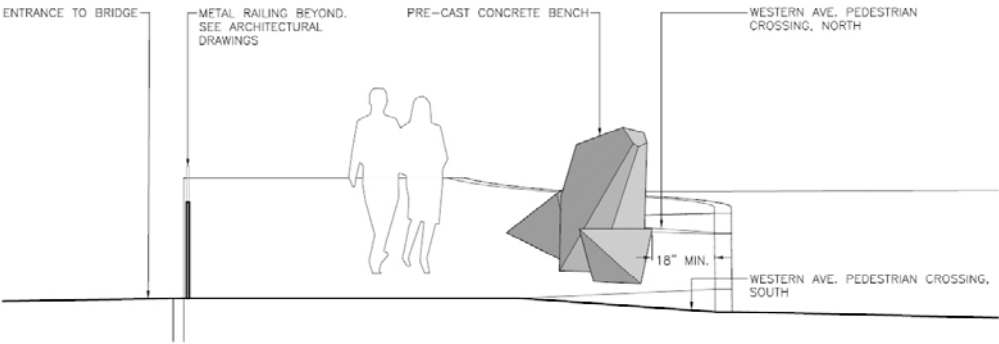
WESTERN INTERSECTION PED CIRCULATION



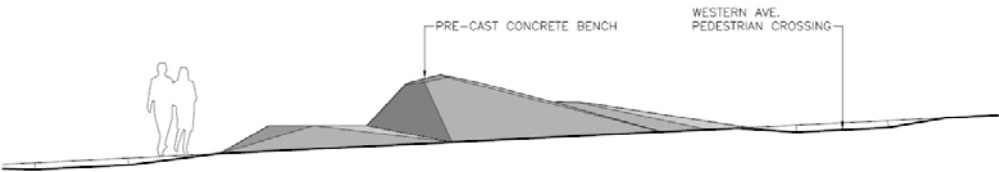
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
WESTERN INTERSECTION BENCH



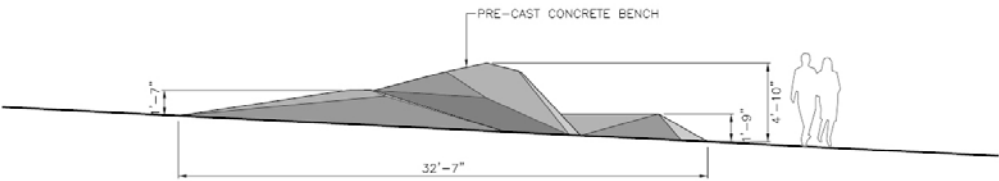
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
WESTERN INTERSECTION BENCH



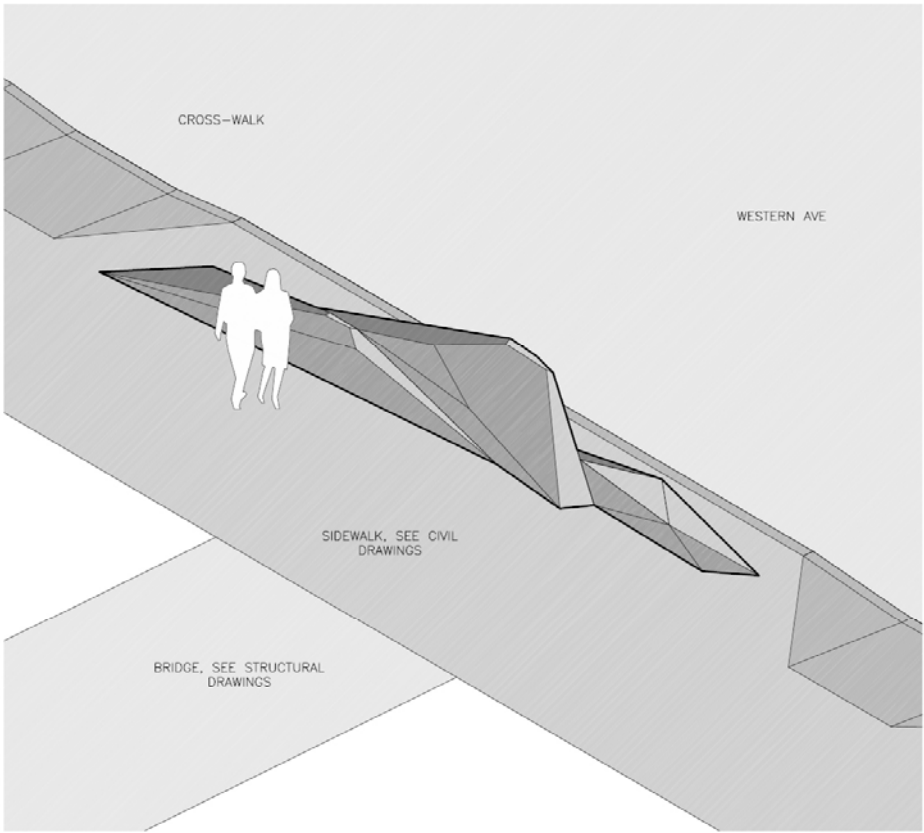
WESTERN AVE BENCH - ELEVATION 3-3
1/2"=1'-0" 4



WESTERN AVE BENCH - ELEVATION 2-2
1/4"=1'-0" 3



GENERAL NOTE:
DRAWINGS SHOWN IN FN03 ARE FOR ILLUSTRATIVE PURPOSES ONLY.
REFER TO DETAIL 01 ON FN04 FOR DETAILED CROSS-SECTIONS.



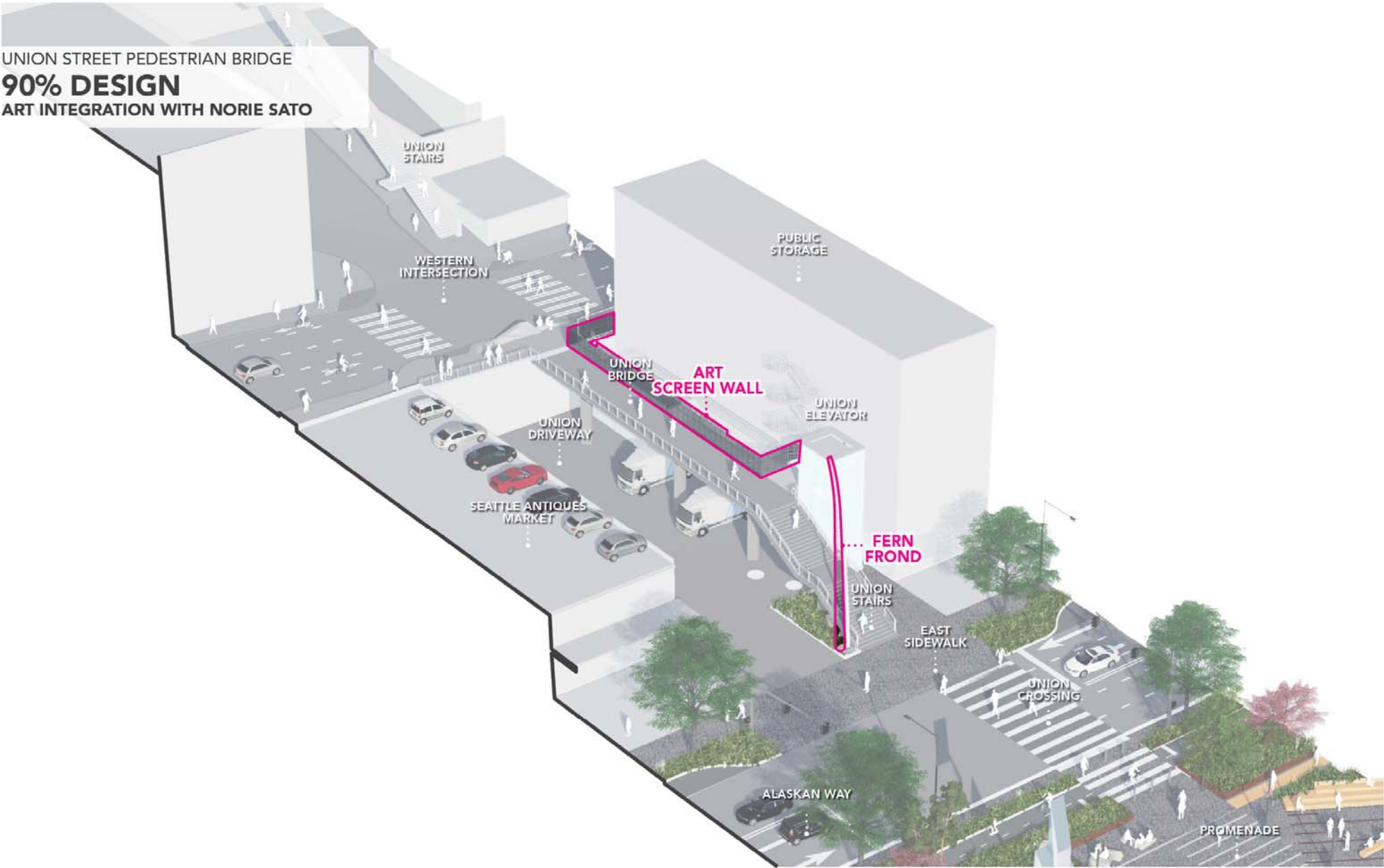
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
WESTERN INTERSECTION BENCH



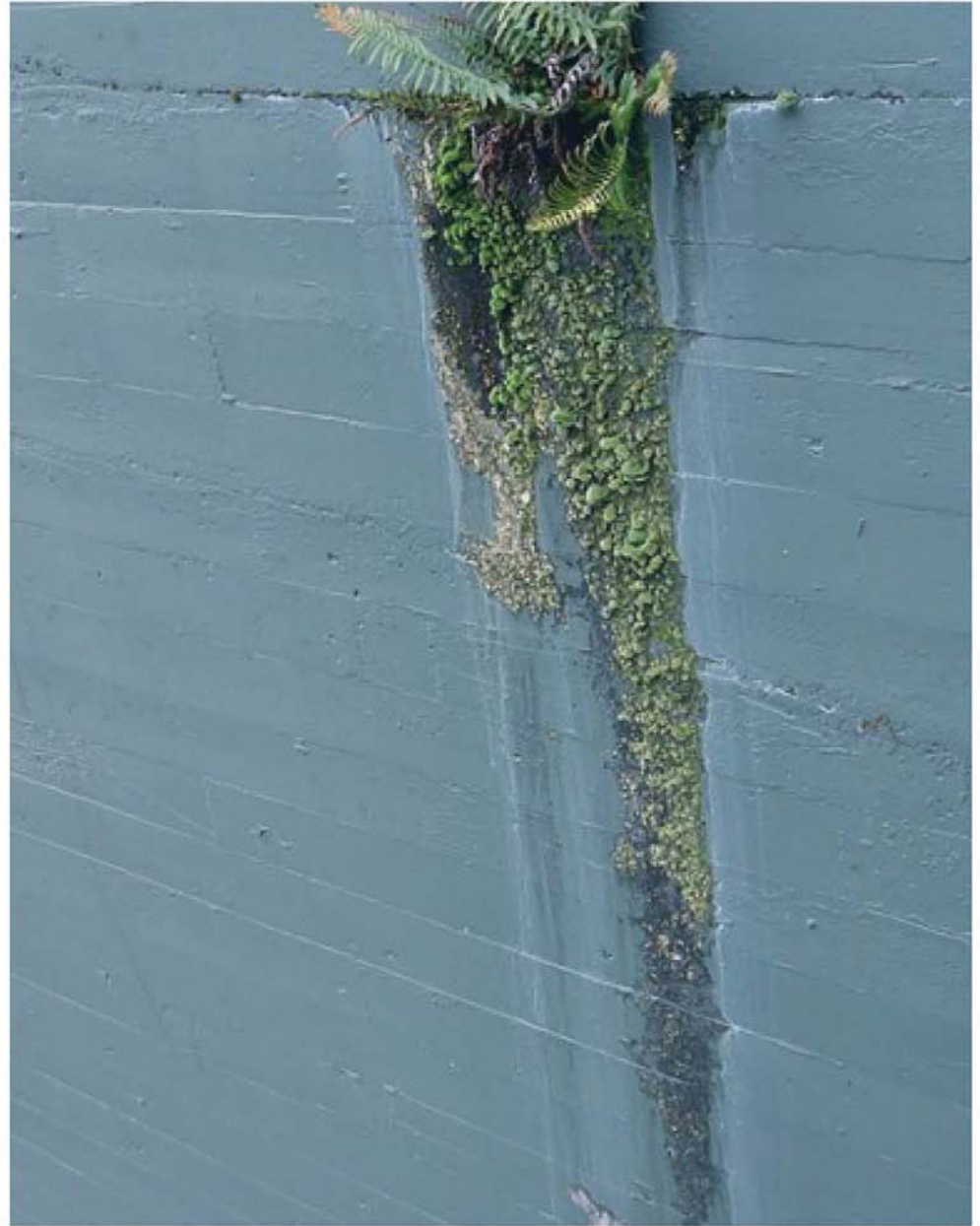
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
VIEW FROM WESTERN AVE. TO WATERFRONT

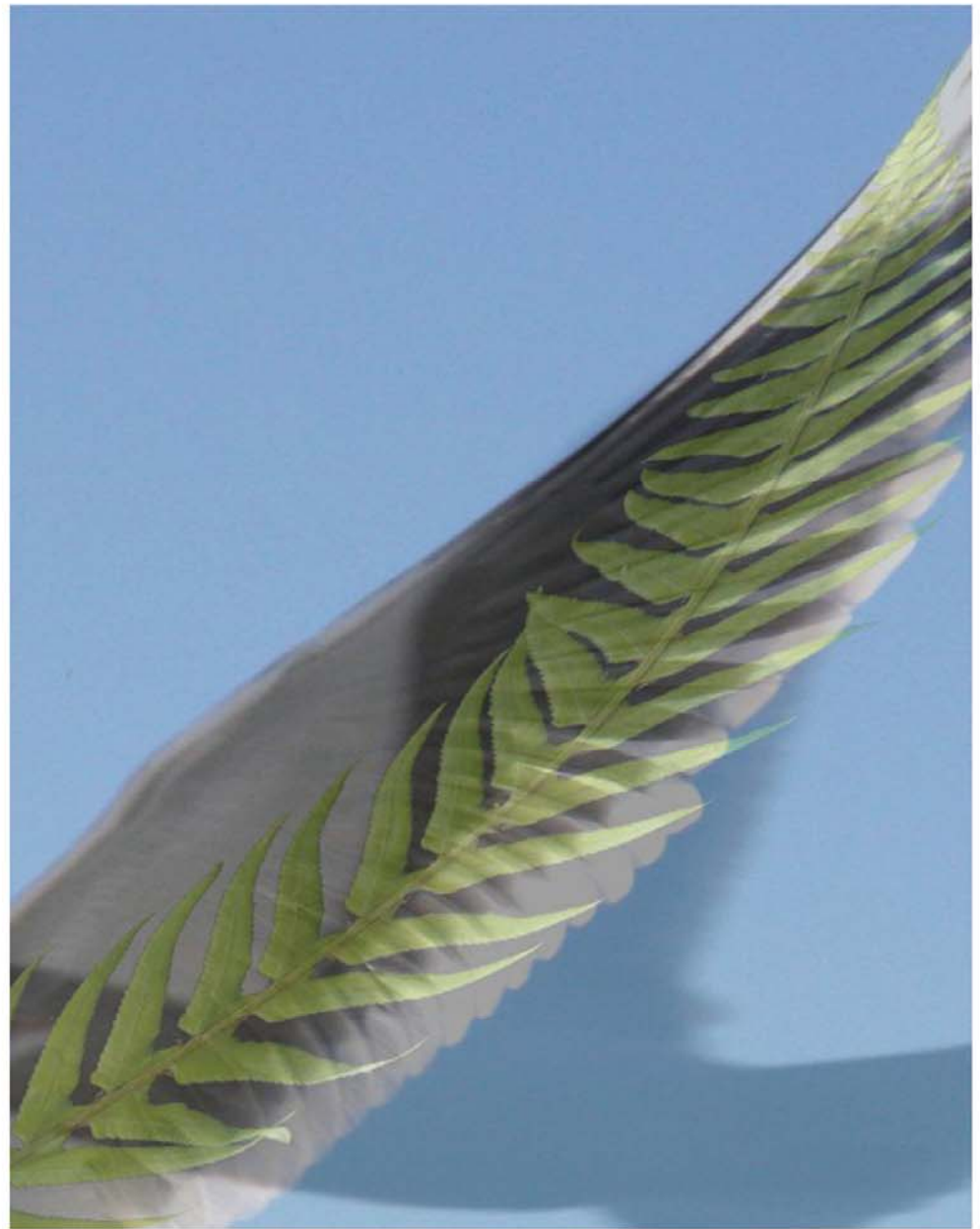
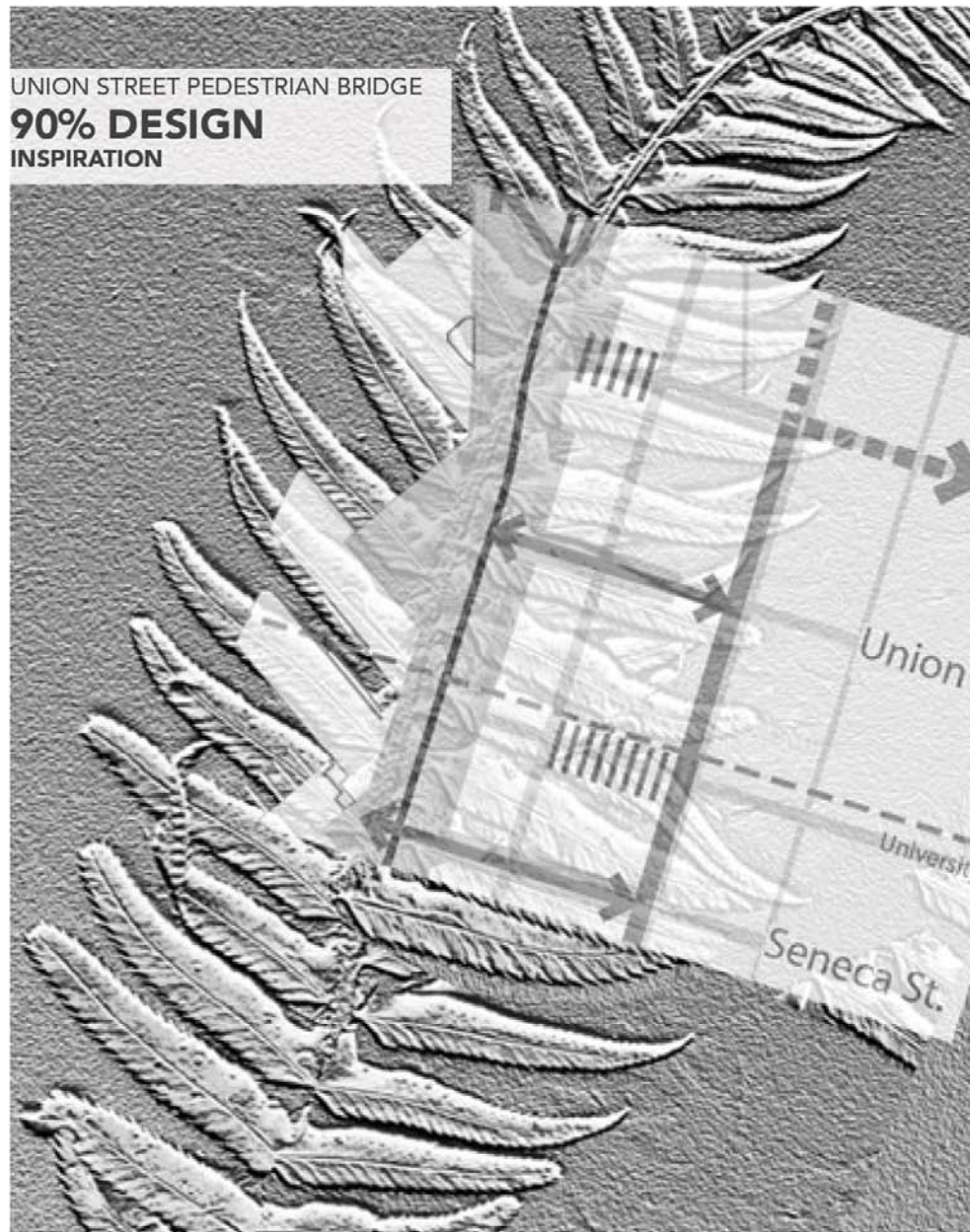


UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
ART INTEGRATION WITH NORIE SATO



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
INSPIRATION

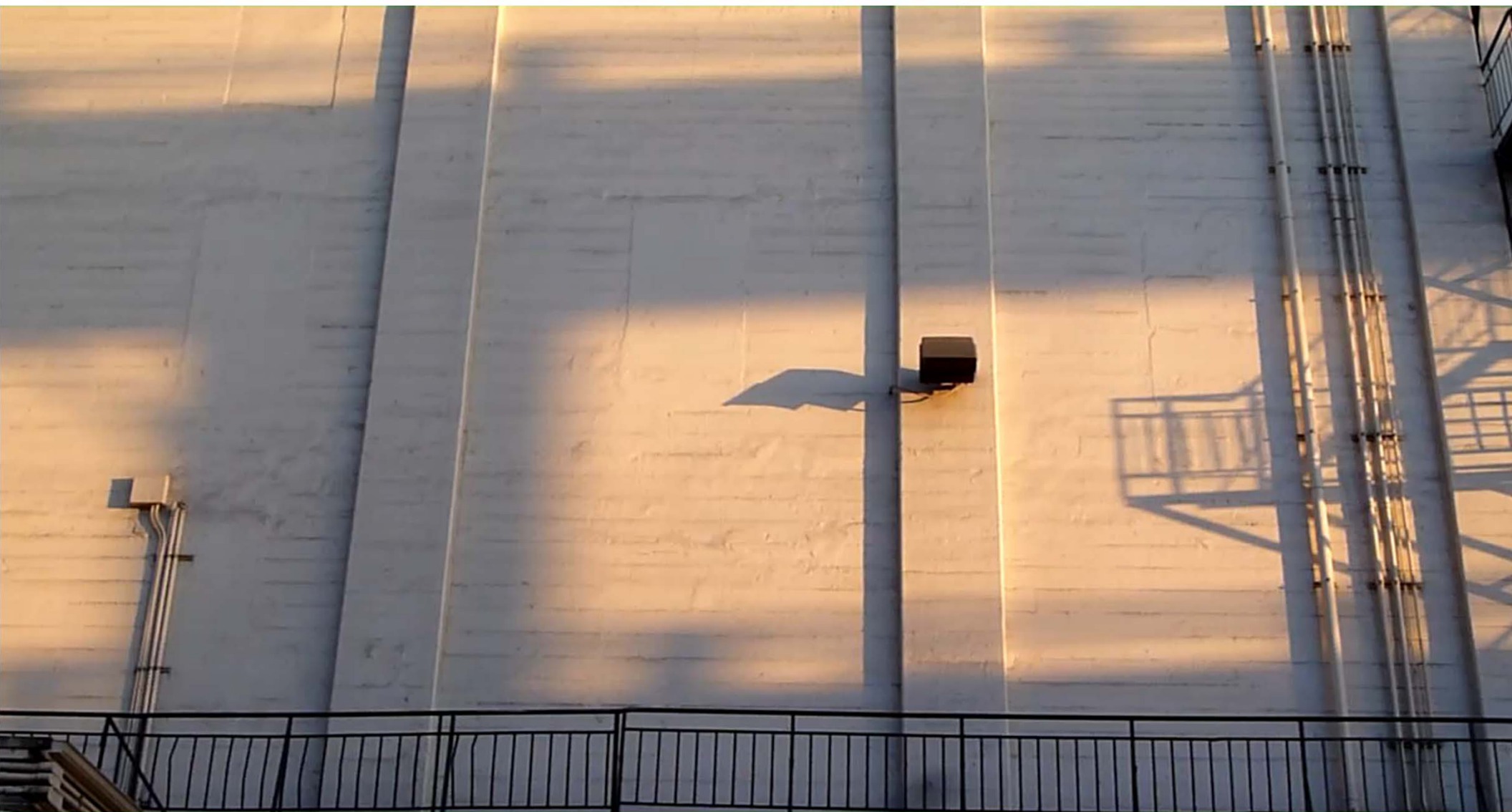




UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

EXISTING PUBLIC STORAGE WALL

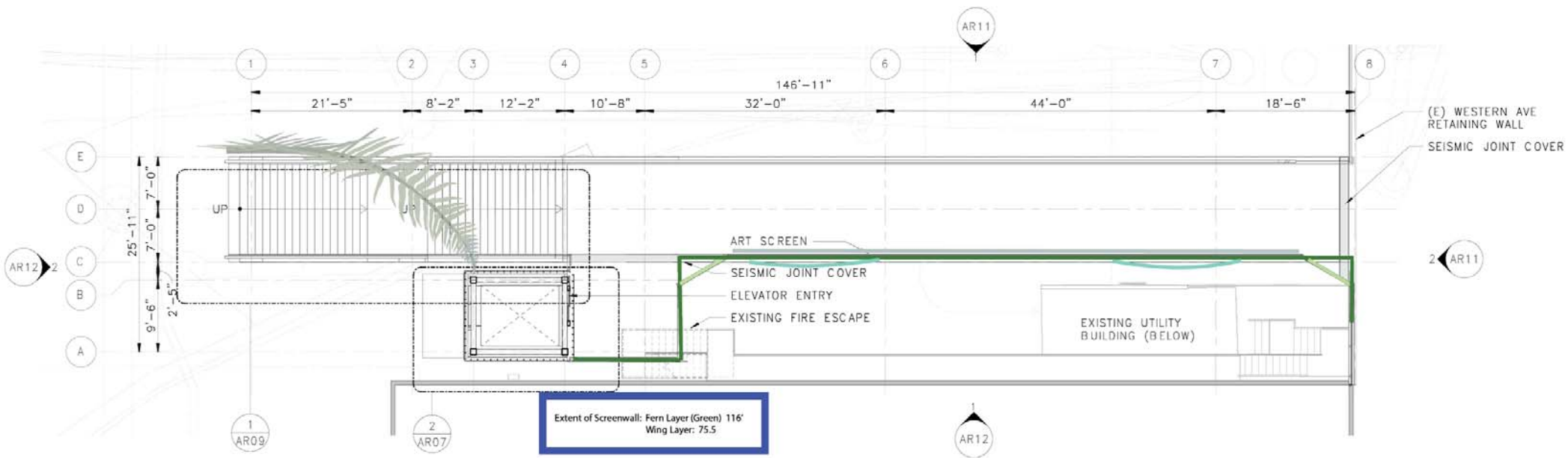


UNION STREET PEDESTRIAN BRIDGE

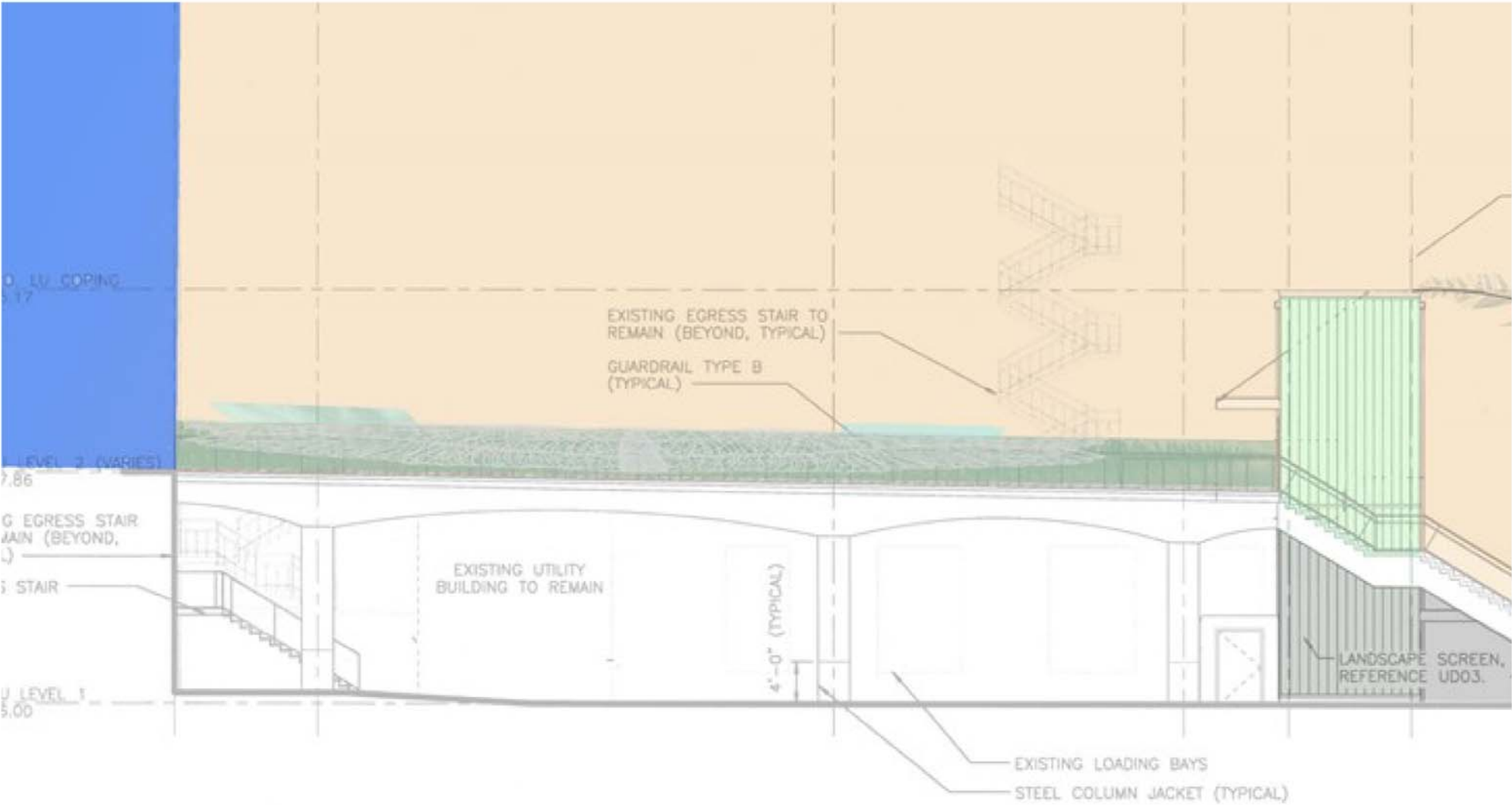
90% DESIGN
THE REFLECTION ROOM



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
ART INTEGRATION

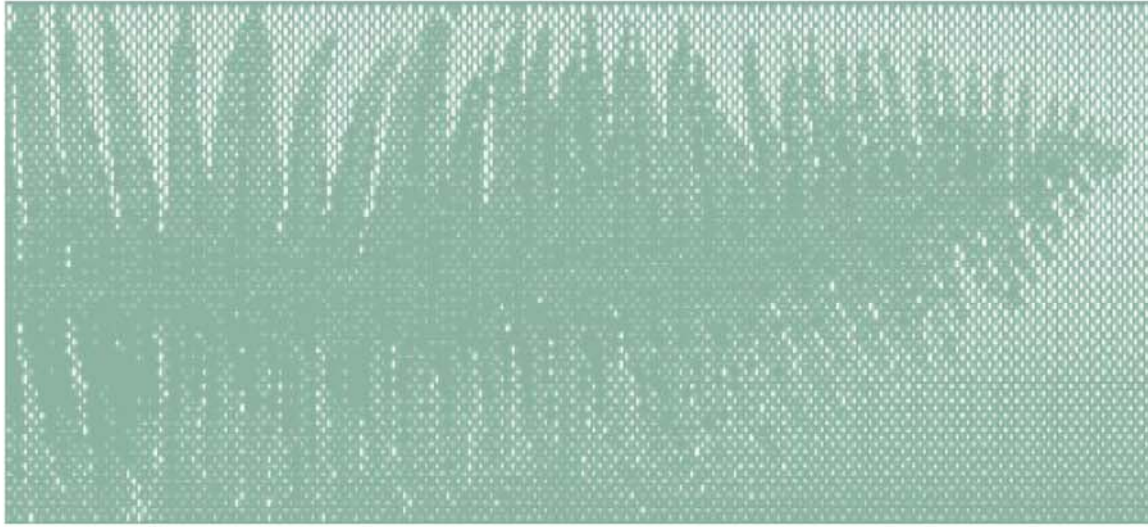


UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
SCREEN WALL INSTALLATION

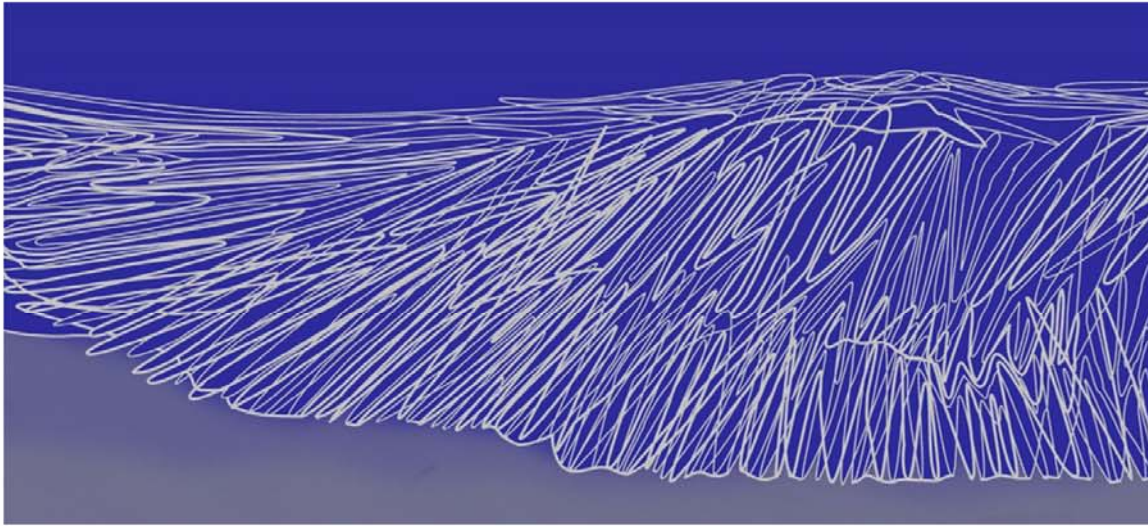


UNION STREET PEDESTRIAN BRIDGE

90% DESIGN
SCREEN WALL LAYERS

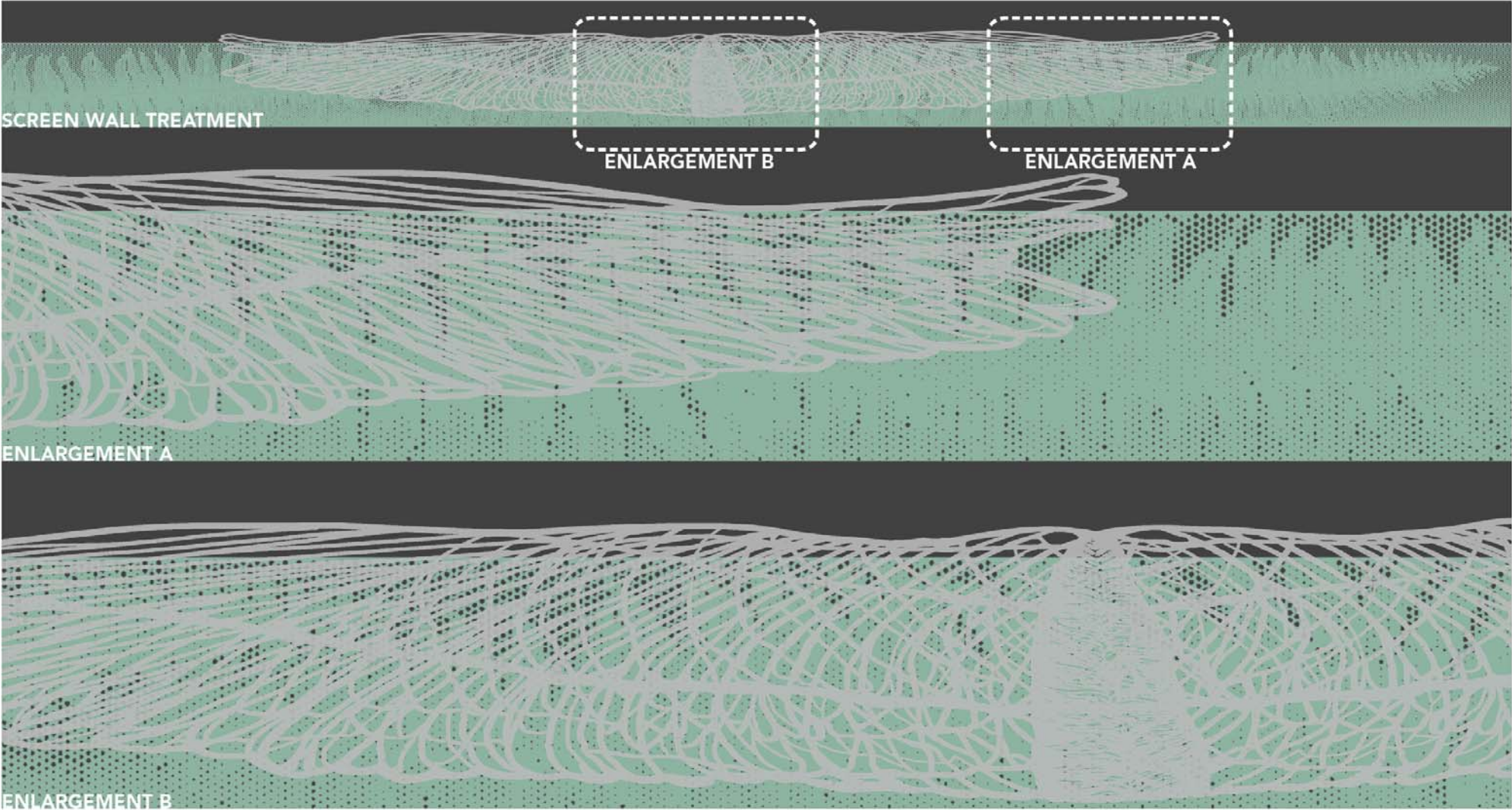


LAYER 1



LAYER 2

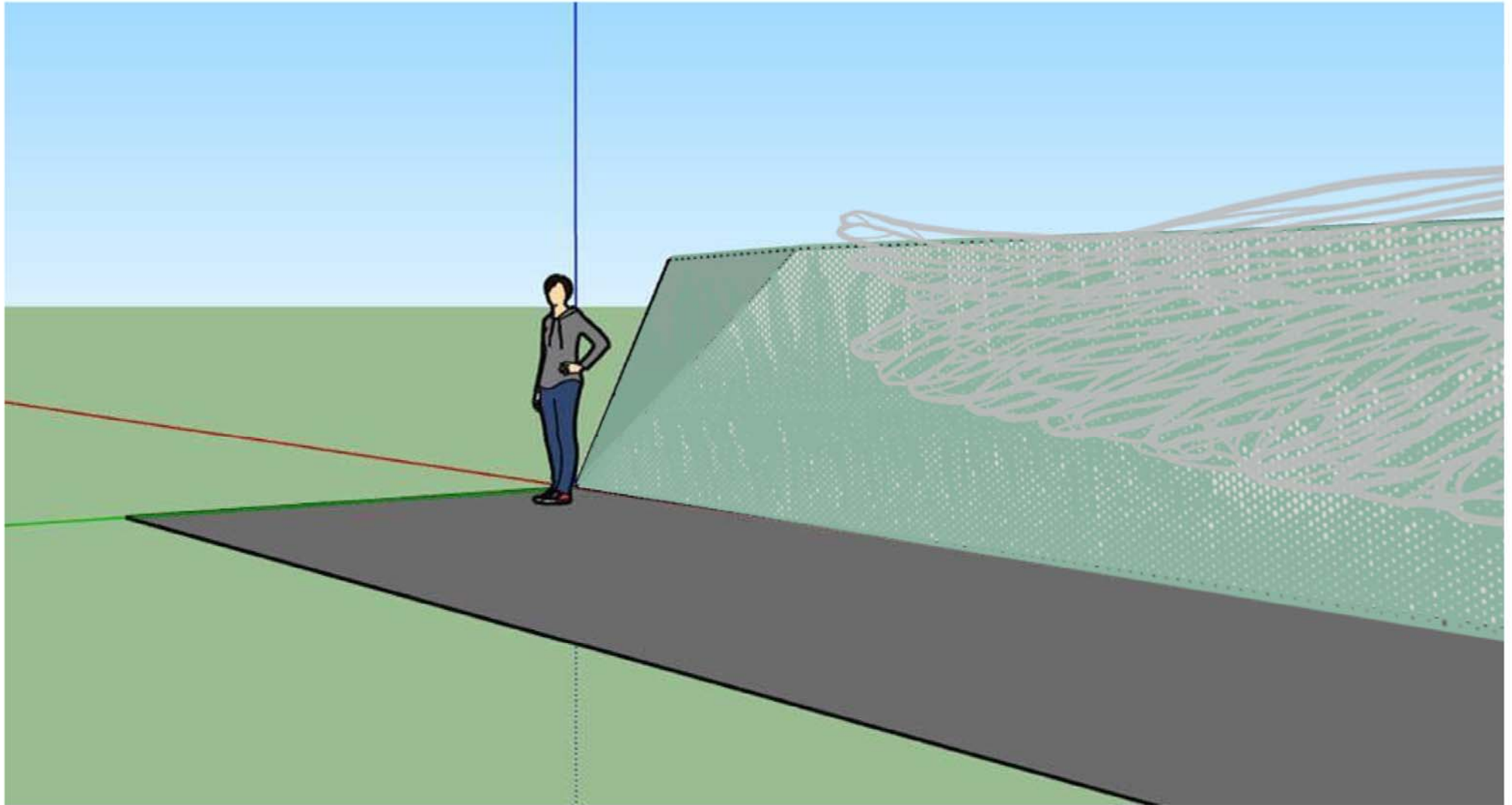
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
SCREEN WALL INSTALLATION



UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

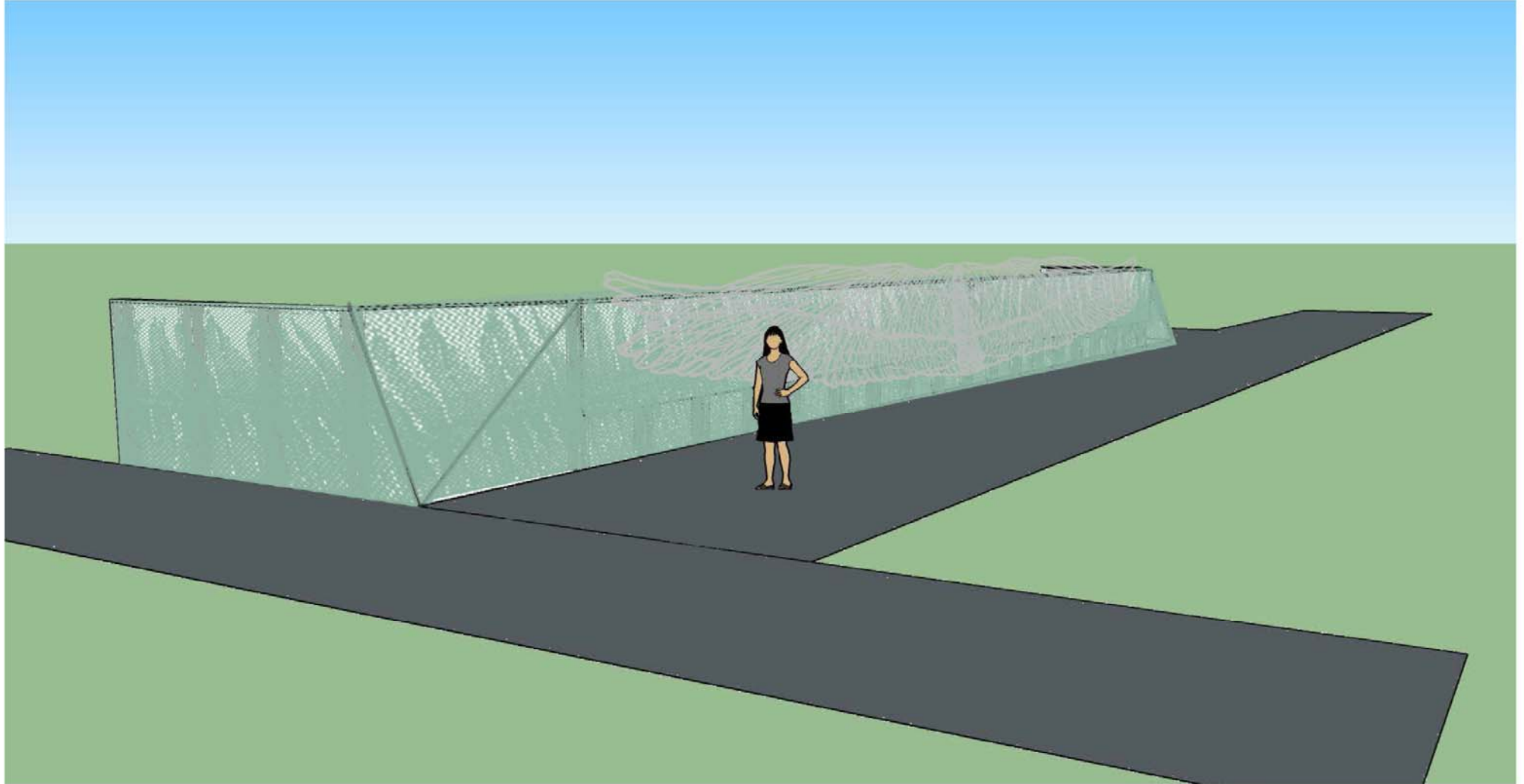
NORTHERN SCREEN : ART BY NORIE SATO



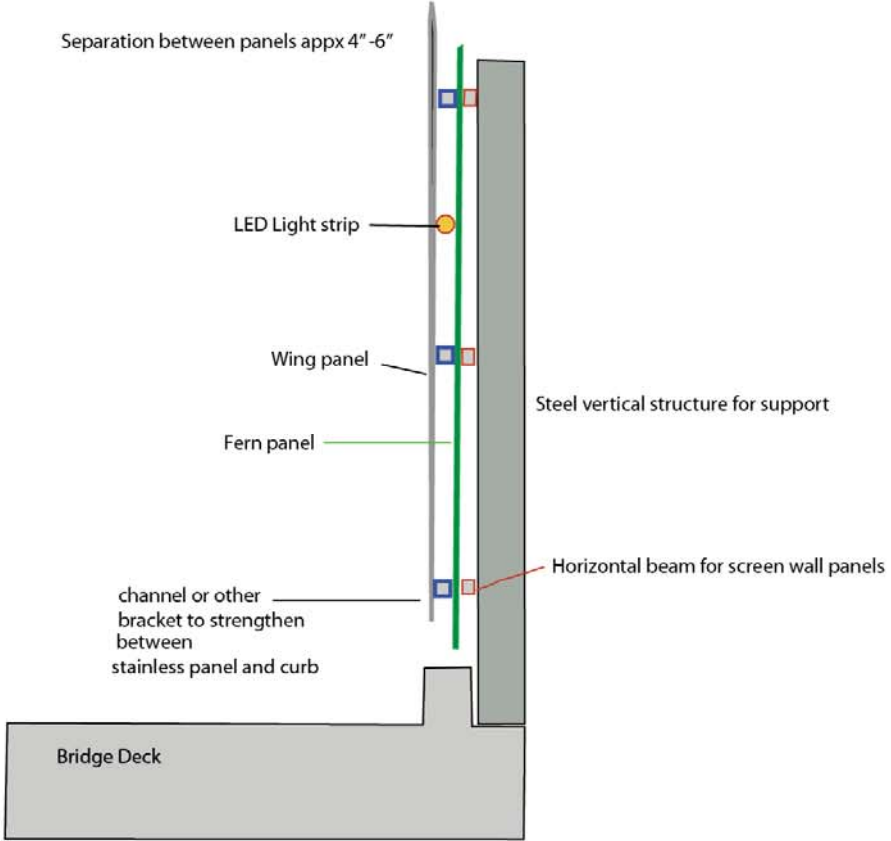
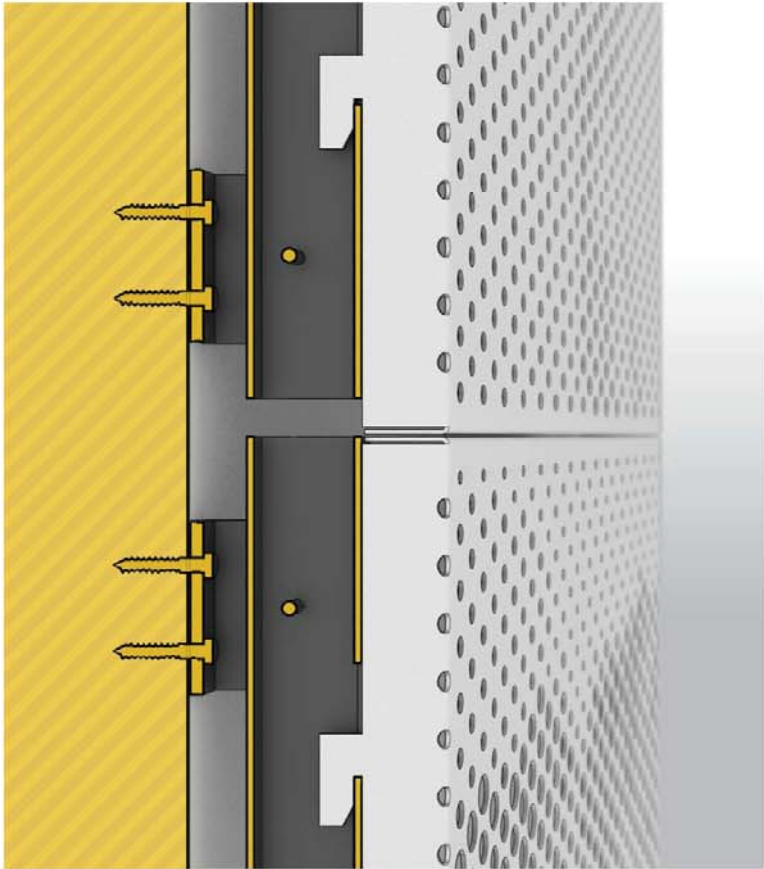
UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

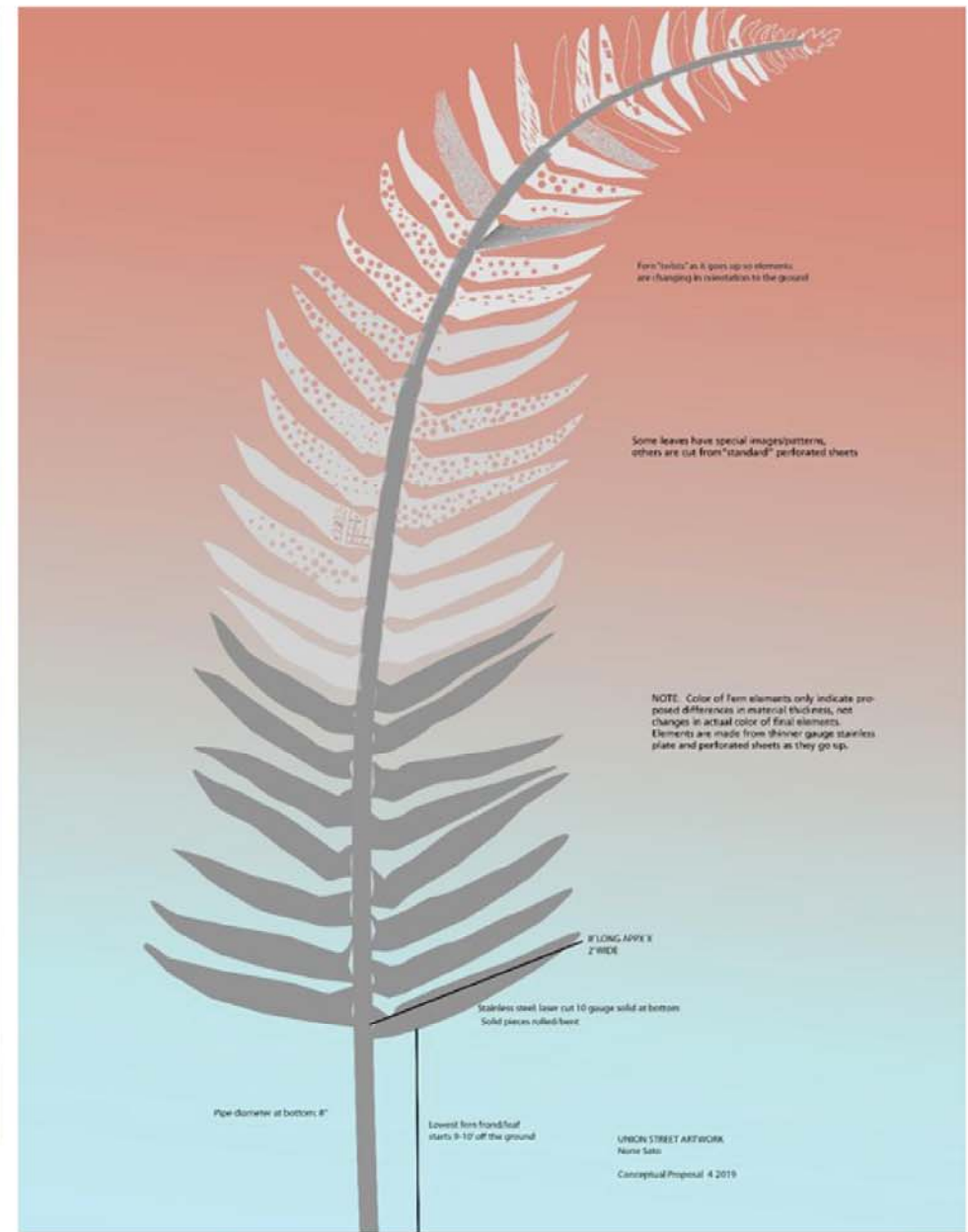
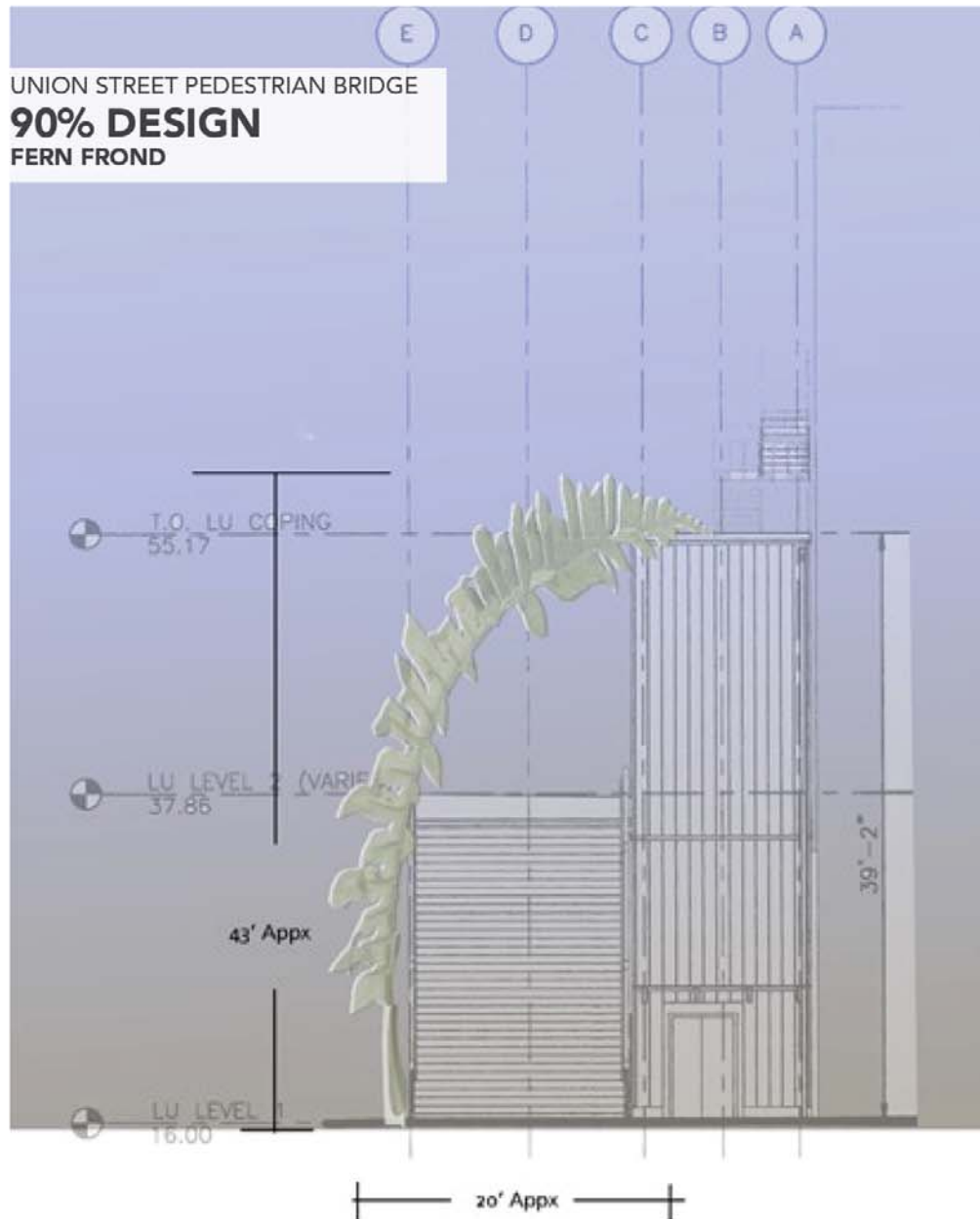
NORTHERN SCREEN : ART BY NORIE SATO



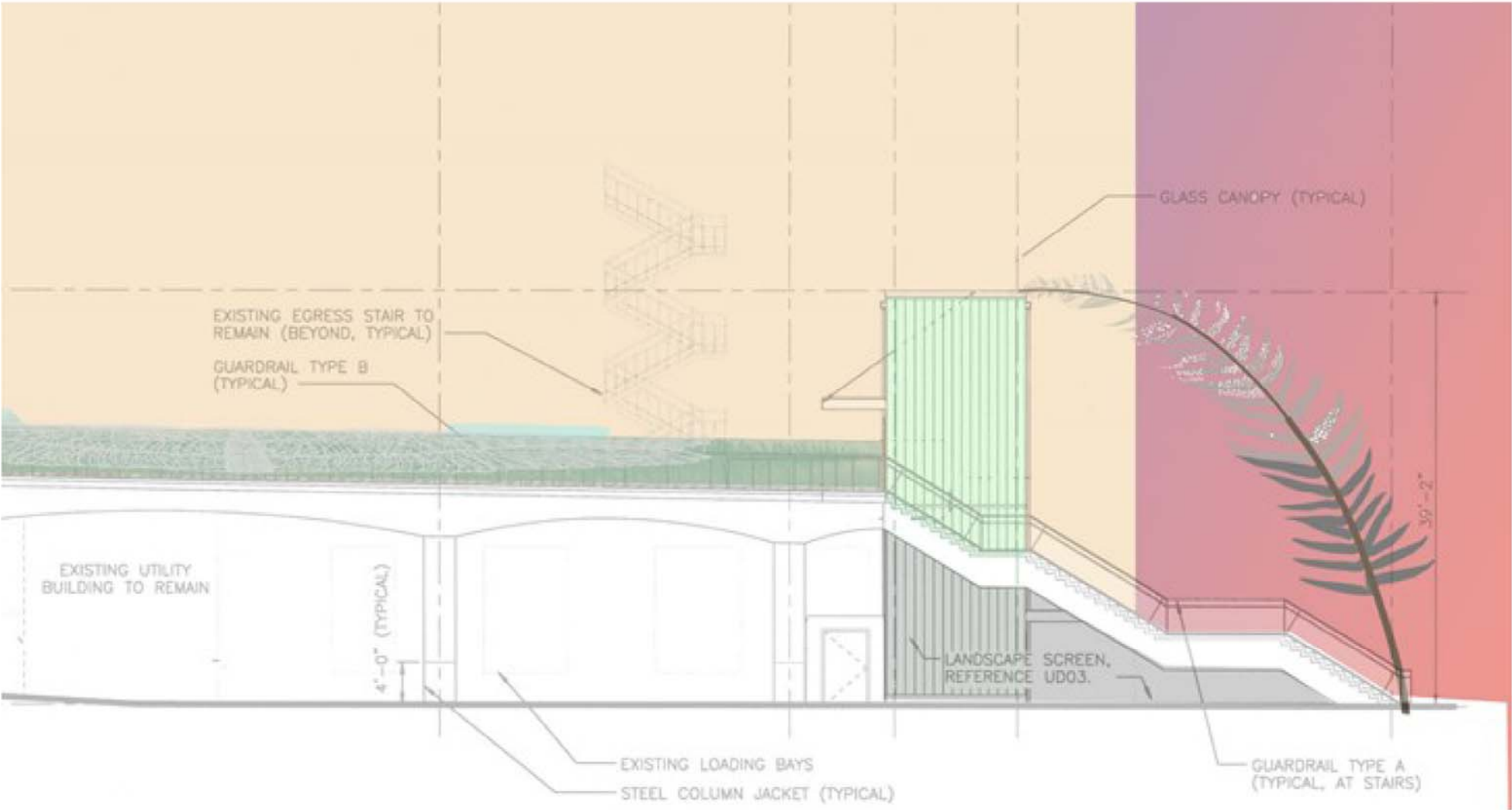
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
NORTHERN SCREEN : ART BY NORIE SATO



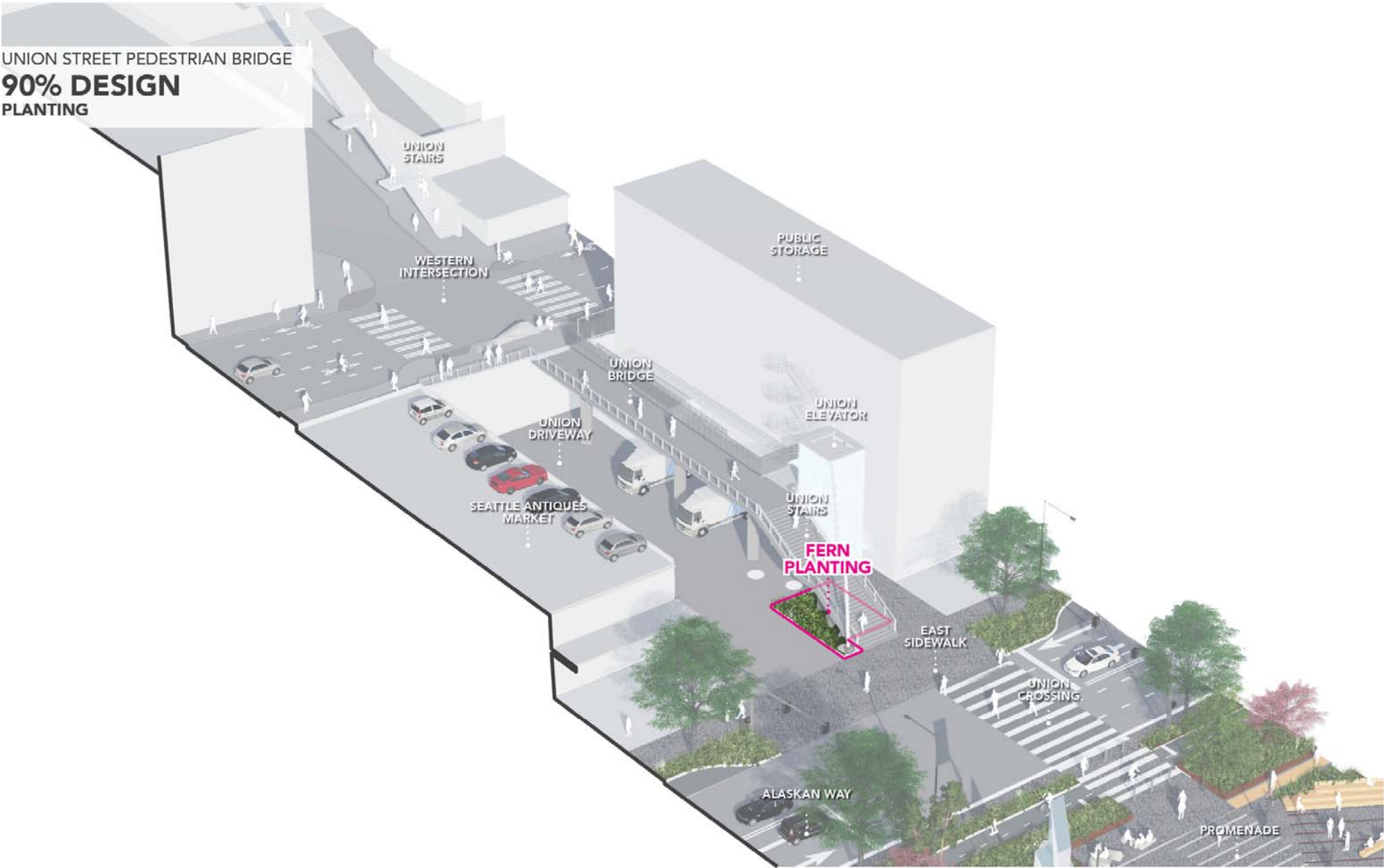
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
 FERN FROND



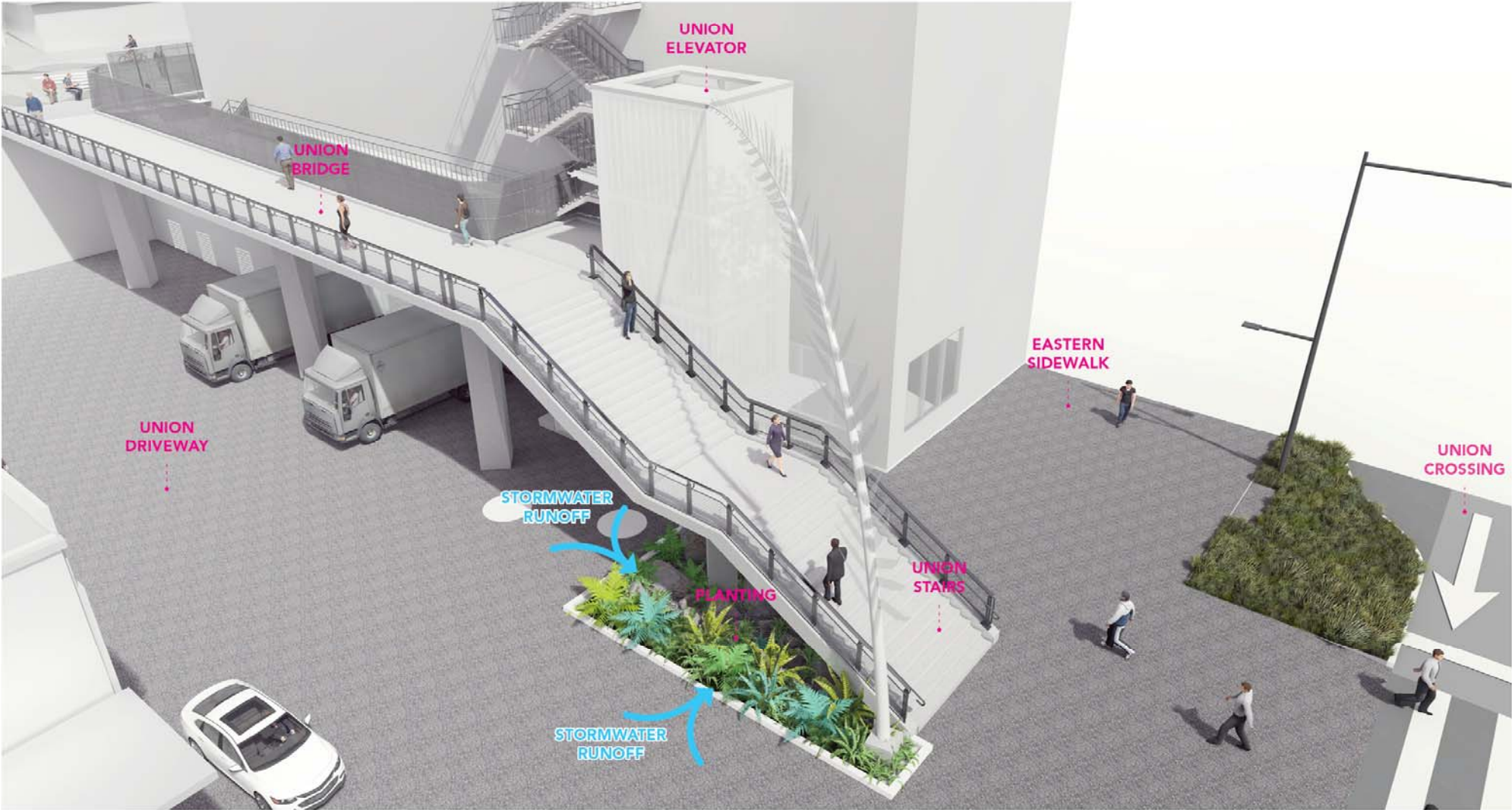
UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
FERN FROND




UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
PLANTING

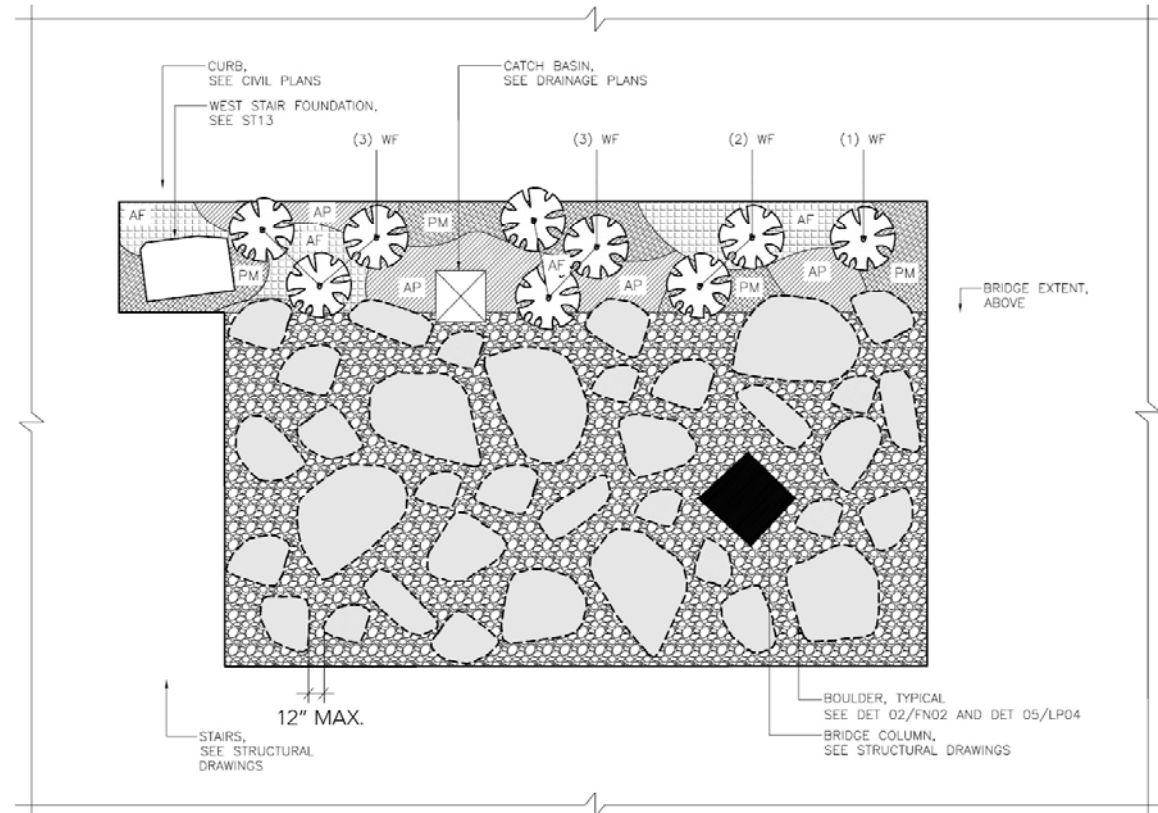


UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
PLANTING

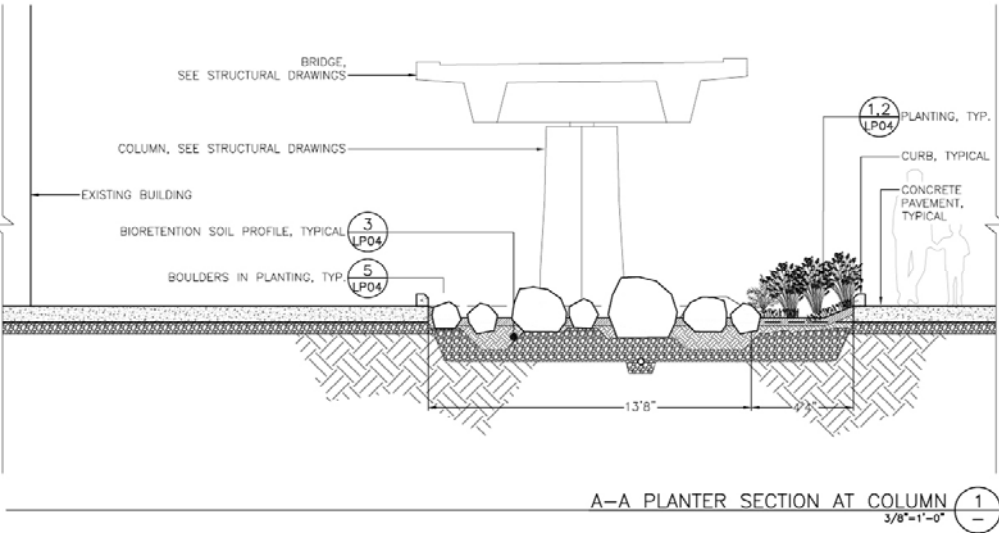
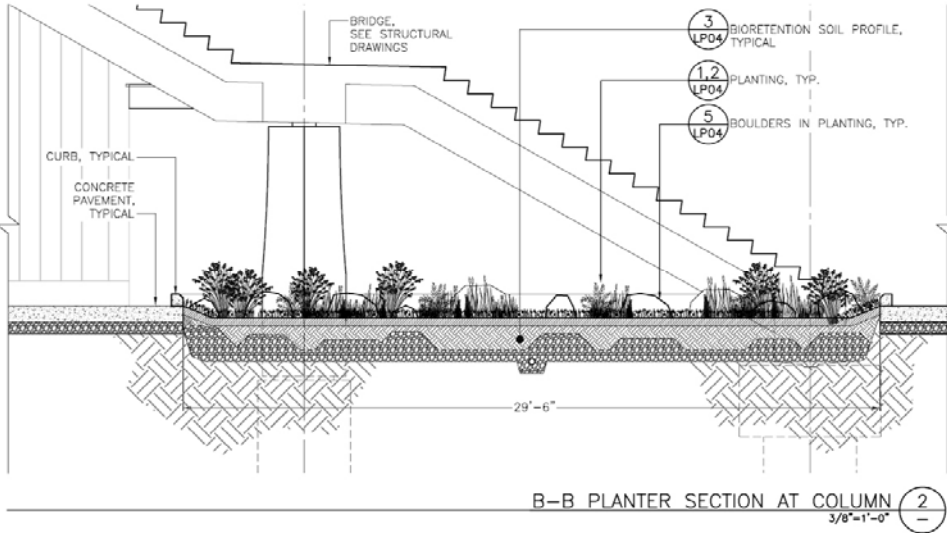


**90% DESIGN
PLANTING**

PLANTING SCHEDULE						
SYMBOL	BOTANICAL NAME	COMMON NAME	ALLOCATION	QTY	SPACING	SIZE
	FERN					
WF 	<i>Woodwardia limbiata</i>	Giant Chain Fern			see plans	3 GAL.
PM	<i>Polystichum munitum</i>	Western Sword Fern			24" O.C.	3 GAL.
AF	<i>Athyrium filix-femina</i>	Lady Fern			18" O.C.	1 GAL.
AP	<i>Adiantum pedatum</i>	Northern Maidenhair Fern			12" O.C.	1 GAL.



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
PLANTING





UNION STREET PEDESTRIAN BRIDGE

90% DESIGN
PLANTING



UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

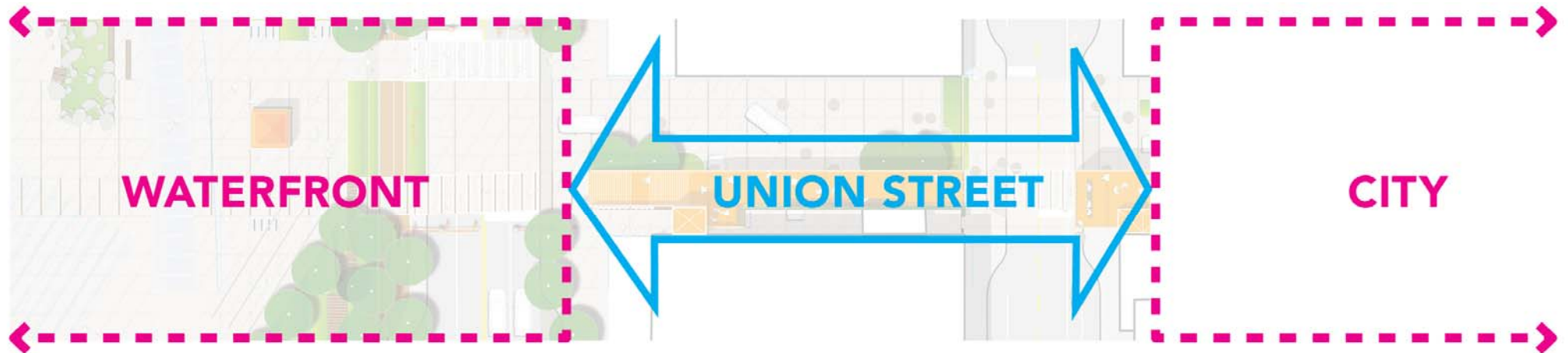
FERN FROND



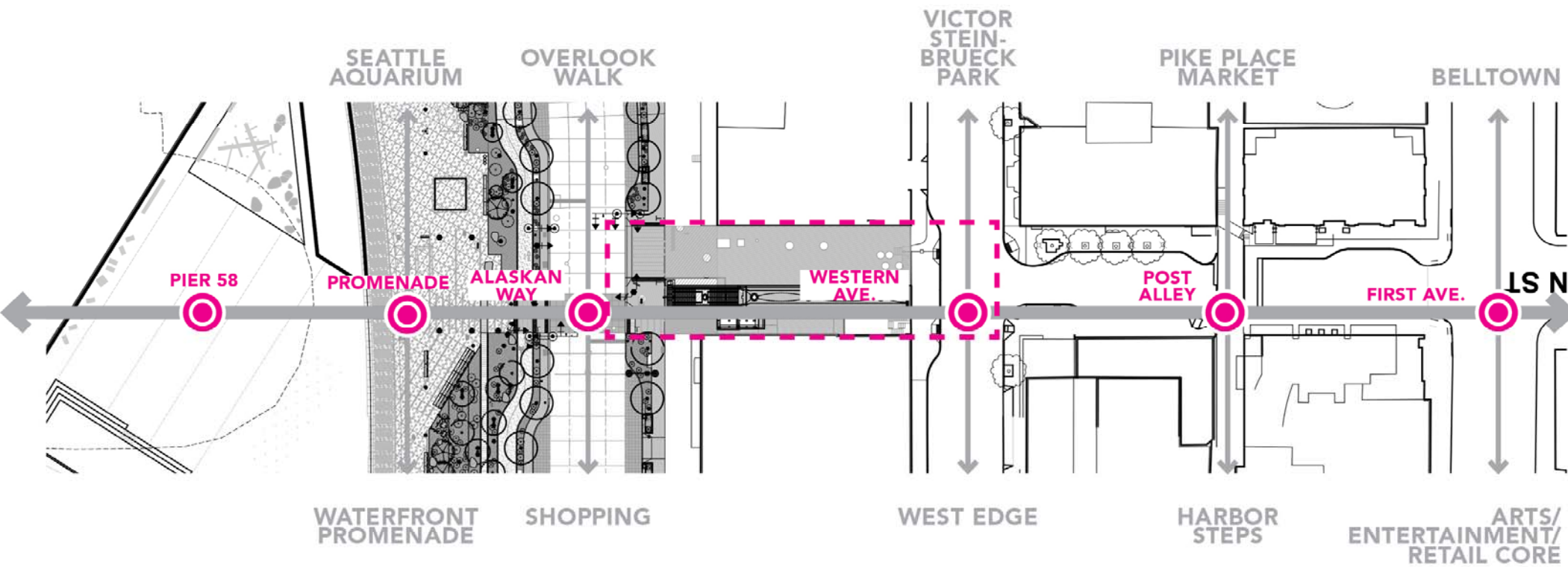
UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

INTEGRATION WITH THE DOWNTOWN, NEW ALASKAN WAY, PROMENADE + PIER 58



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
CONNECTION BACK TO THE CITY



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
VIEW TO UNION FROM PROMENADE



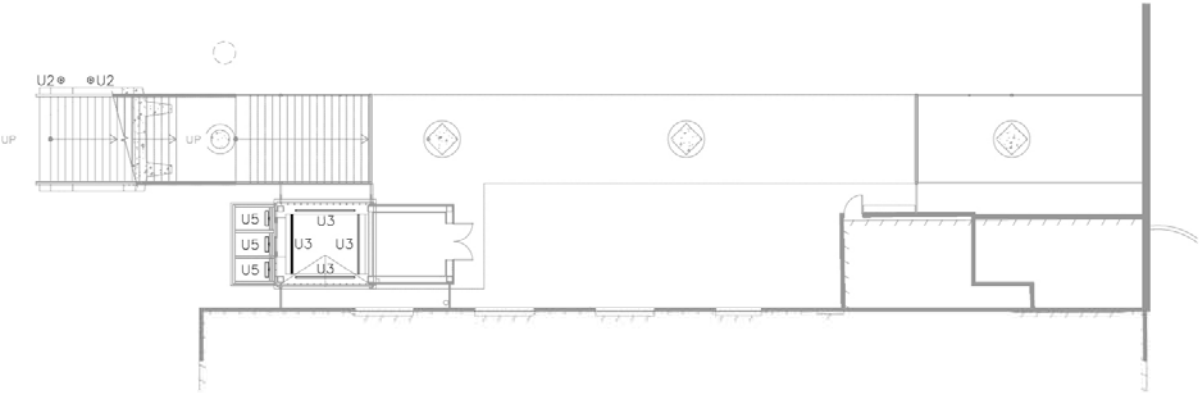
UNION STREET PEDESTRIAN BRIDGE

90% DESIGN

VIEW TO UNION FROM PROMENADE AT NIGHT



UNION STREET DESIGN
90% DESIGN
LIGHTING



U2: Artwork Upighting



Fixture Image



Precedent Image



U5: Elevator Threshold
Downlighting - fixtures
located at Level 1 and
Level 2 canopies



Fixture Image



Precedent Image

U3: Elevator Shaft
Lighting - fixtures
located at top and
bottom of shaft



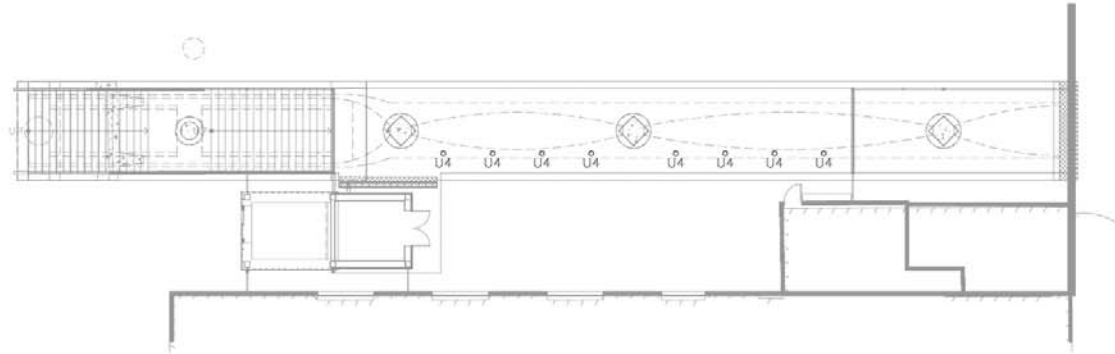
Fixture Image



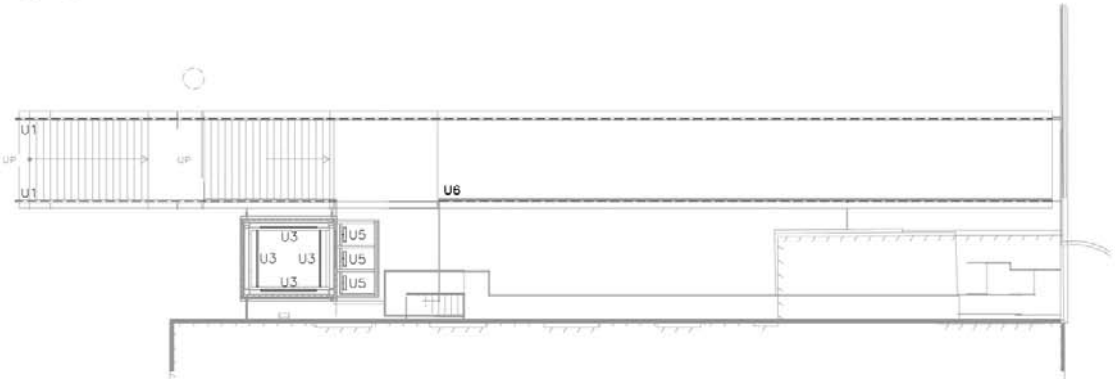
Precedent Image



UNION STREET DESIGN
90% DESIGN
LIGHTING



Level 2 Lighting Plan



Downlighting



Fixture Image



Precedent Image

U1: Integral Handrail
Lighting



Fixture Image



Precedent Image

See Level 1 Lighting Plan for types:
U3: Elevator Shaft Lighting
U5: Elevator Threshold Lighting

See Level 2 Artwork Lighting Plan for type:
U6: flexible continuous LED luminaire

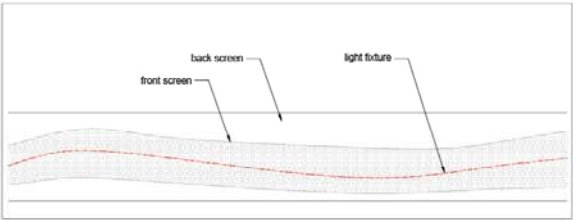
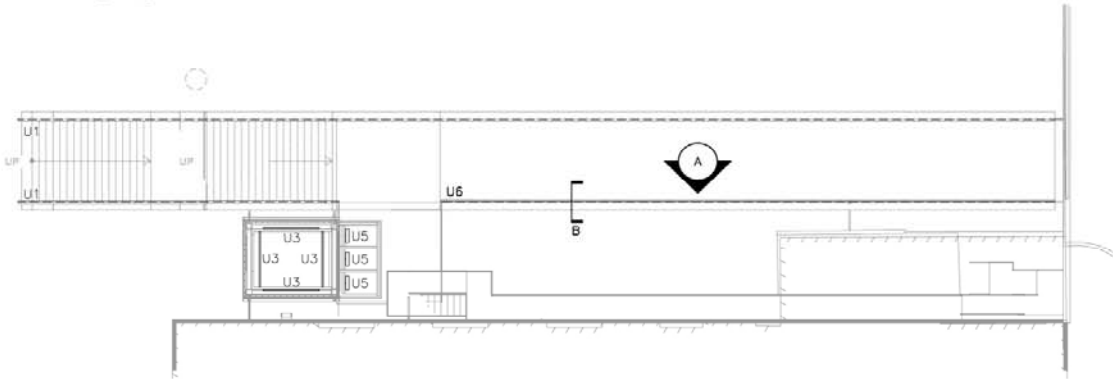


dark light

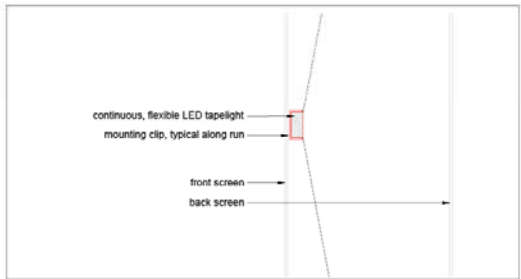
1511 Third Ave, Suite 700
Seattle WA 98101
www.darklight-design.com
206 682 1720

UNION STREET DESIGN
**90% DESIGN
LIGHTING**

Level 2 Artwork Lighting



Elevation A - flexible fixture to follow front art panel

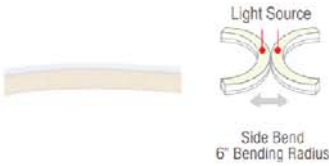


Section B - fixture location between panels



Precedent Images

U6: flexible, continuous
low voltage encapsulated
tapelight



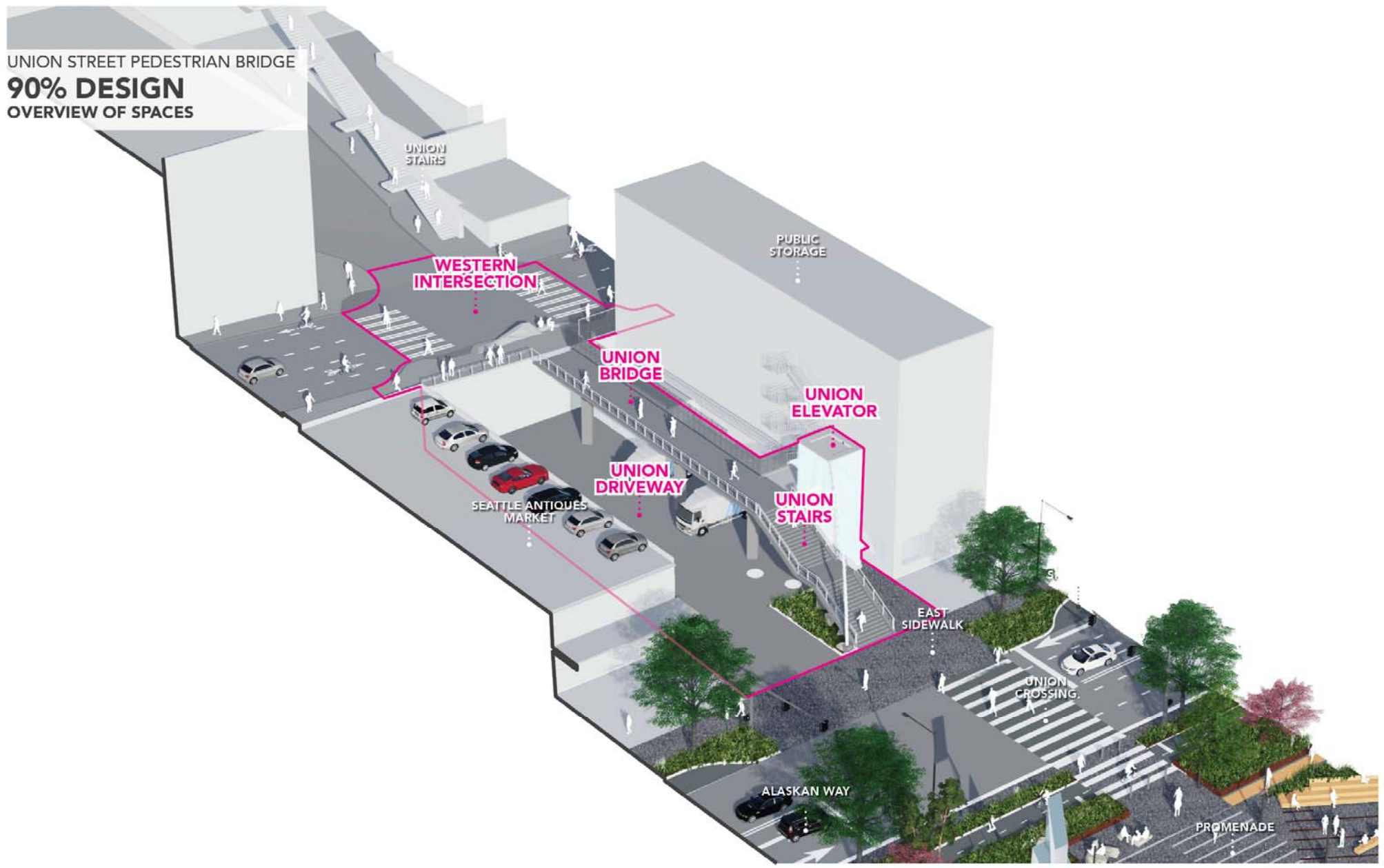
Fixture Image



dark light

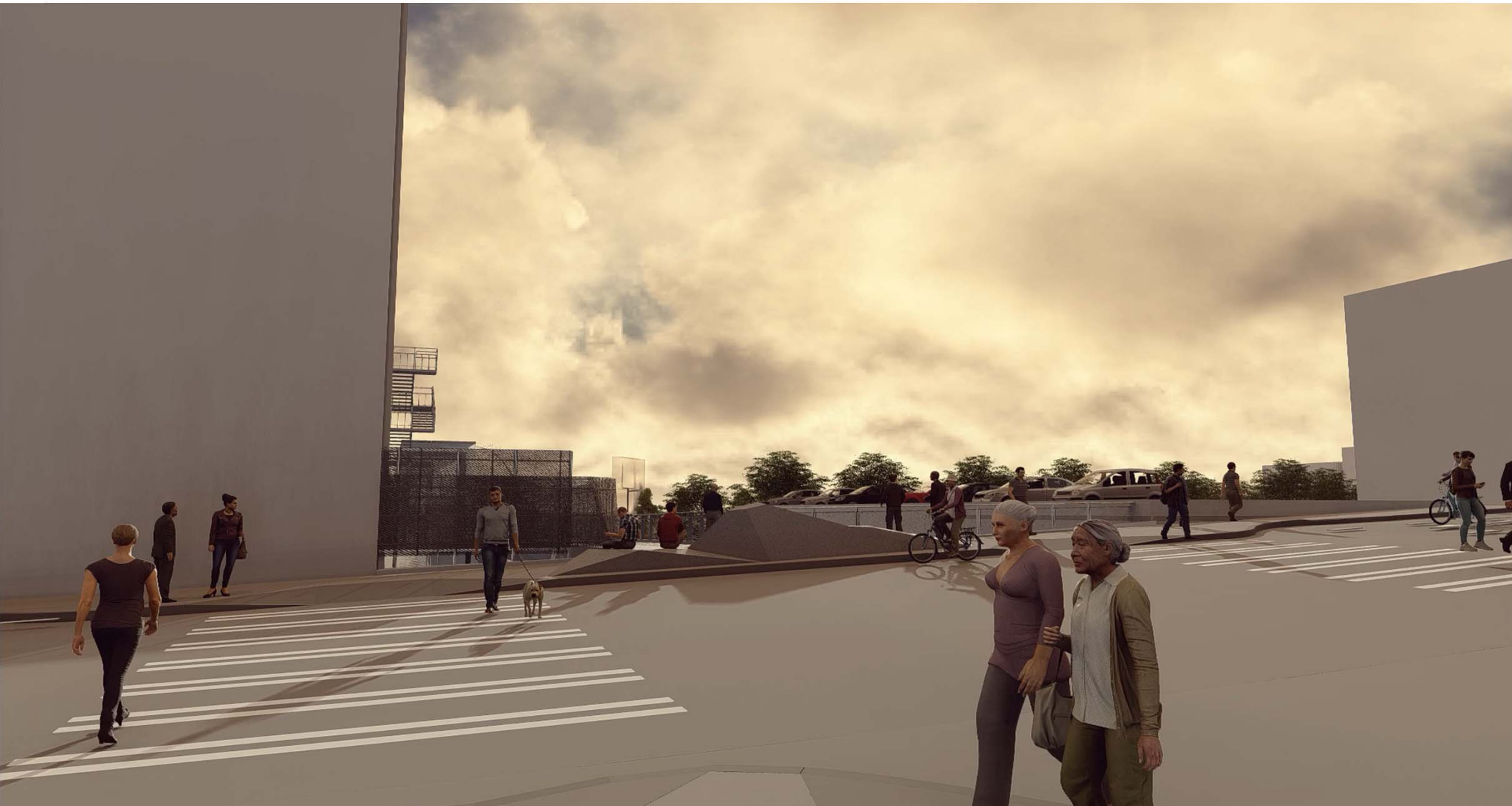
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UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
OVERVIEW OF SPACES

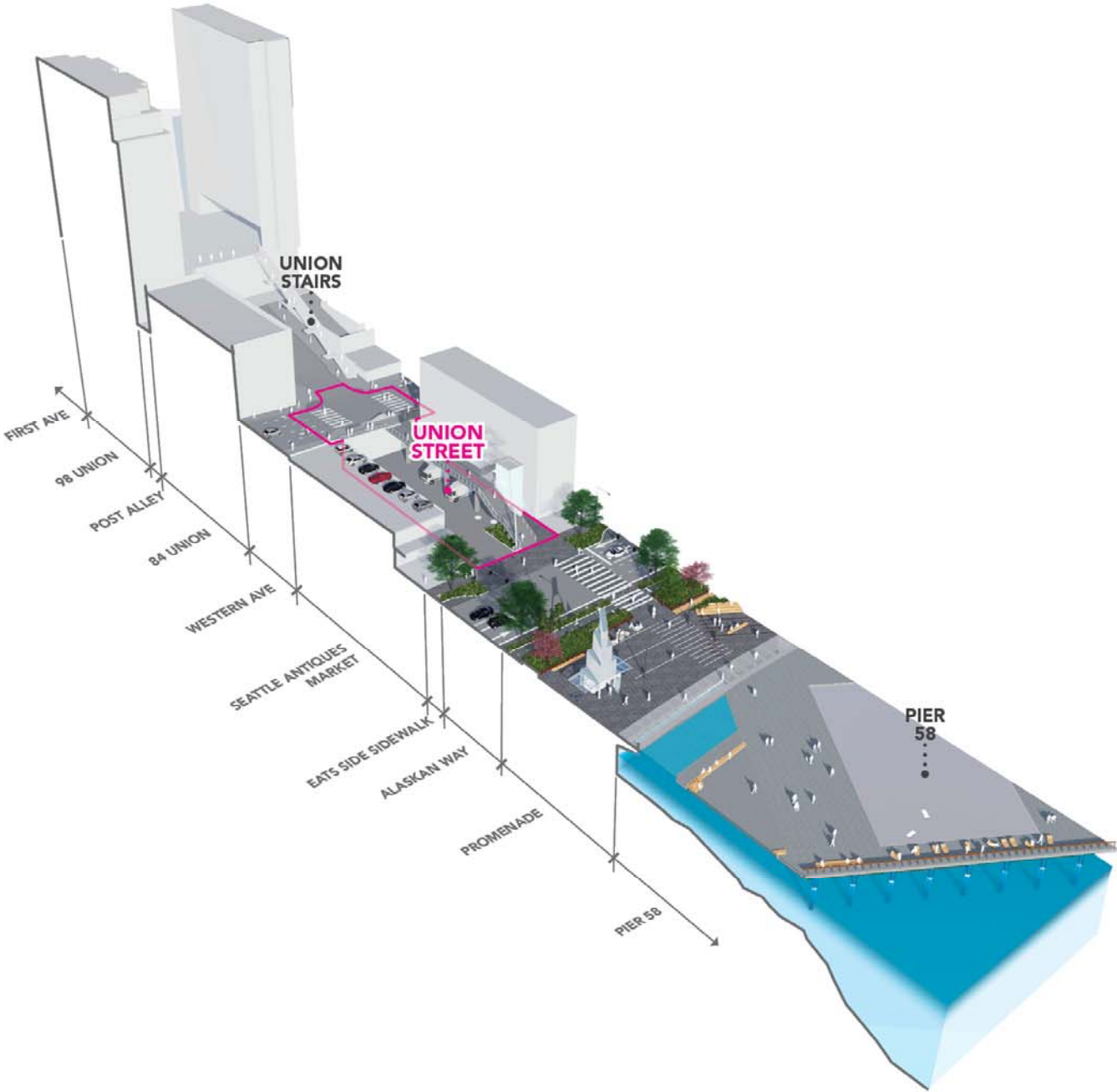


UNION STREET PEDESTRIAN BRIDGE

90% DESIGN
OVERVIEW OF SPACES



UNION STREET PEDESTRIAN BRIDGE
90% DESIGN
OVERVIEW OF SPACES

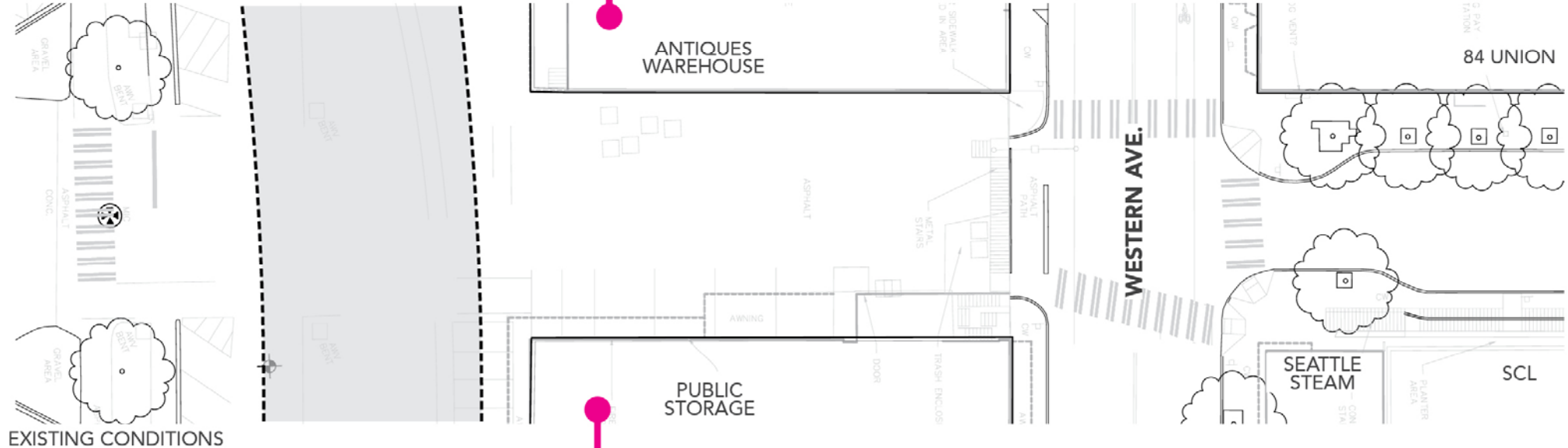


END

STAKEHOLDER COORDINATION

CROSS-SECTION LOOKING NORTH

- Like an elevated pedestrian connection on the lower block
- Prefer elevated pedestrian connection on the north side so their retail frontage on Western could wrap around to Union on the second level.



- Very active warehouse-life facility, with truck loading on Alaskan and Union.
- Several uses/facilities encroach on the public ROW.
- Public Storage is not assumed to redevelop their property in the short term
- City will require encroachments on public ROW in conflict with project be removed