PSS Prefontaine Headhouse

Historic Preservation Board | December 19, 2025

PROJECT DESCRIPTION:

Originally constructed in the 1990s as part of the Downtown Seattle Transit Tunnel, the Prefontaine Headhouse is one of the most architecturally distinctive entries to the light rail system, known for its integrated public art and historic design elements. Planned upgrades aim to enhance accessibility, safety, and long-term maintenance while preserving the station's unique character. New hardware installed on the existing people gates will highlight and protect existing art panels, meet current accessibility standards, and improve both daily operations and emergency egress. A roof-mounted fall protection system will support safe maintenance of the glass barrel vault and drainage components. To deter unauthorized access and prevent damage, custom anti-climb panel, designed to complement the original architecture, will be added and prepared to support ambient lighting. In a separate project, interior and exterior lighting enhancements will also improve visibility, safety, and the overall passenger experience.

PROJECT ADDRESS:

Pioneer Square Station
Prefontaine Headhouse
425 3rd Ave
Seattle WA 98104

A. ARCHITECTURAL:

B1 B. LIGHTING:

PREFONTAINE HEADHOUSE - 2ND AVE ENTRY

SOUNDTRANSIT Tiscareno

IDENTIFIED ISSUES:

The proposed project is intended to enhance accessibility and safety at the station and to support improved long-term maintenance of the existing headhouse structure.

A1 **Public Art Entry - People Gates**
The existing top-hung 'people gates,' which stack to either side of the stair/escalator entry, are opened by maintenance staff for the start of service in the morning and closed at the end of service at night. Due to their current top-hung design and rust, the current design of the gates makes daily opening and closing difficult for maintenance staff. When the station is closed at the end of service hours, the only way to secure the gates is by bolting them shut which prevents emergency egress from the station. Additionally, because the gates stack to the side, the integrated artwork is obscured and not easily visible to those entering the station during the service hours.

A2 **3rd Ave Elevator Access Gates**
The gates used to access the elevator along 3rd Ave do not meet current accessibility standards and the gate design provides hand and foot holds for unauthorized access the roof.

A3 **Interior Horizontal Elements**
The glass block on the interior plinth at the top of the entry stairs is low enough that individuals have been climbing over it to access the plinth and then climb out onto the adjacent duct bank. Since the far end of the duct bank is approximately 20 feet above the floor below, this poses a significant safety hazard.

A4 **Exterior Security Elements**
The existing structure includes horizontal elements that function as handholds and footholds, enabling individuals to climb onto the roof. This unauthorized access is causing damage to the barrel vault glazing and contributing to debris accumulation on the roof which further adds to the drain blockages.

A5 **Roof Maintenance**
The low-slope roof and barrel vault require thorough cleaning and several broken glass panels on the vault need replacement. Roof drains are clogged with debris causing water to back up onto the structure. The existing structure lacks the necessary safety infrastructure to support safe and effective maintenance access to the roof.

B1 **Lighting in Barrel Vaults**
The existing lighting in the roof arches are nonfunctional and have begun to detach and fall, posing safety and maintenance concerns.

PROPOSED SOLUTIONS:

The proposed improvements the headhouse include the following separate projects:

Project A Includes

A1 **Public Art Entry - People Gates**
Modifying the existing 'people gates' with new hardware to function as pivot gates will improve both usability and visibility. This change will bring the integrated artwork into clearer view for pedestrians entering and exiting the station, enhancing the public art experience. The pivot mechanism will also ease daily operations for maintenance staff and allow for secure closure at night while maintaining emergency egress from the station.

A2 **3rd Ave Elevator Access Gates**
Replace the existing gates along 3rd Avenue to meet current accessibility standards and enhance station security. The new design will ensure safe, compliant access to the elevator while preventing unauthorized entry.

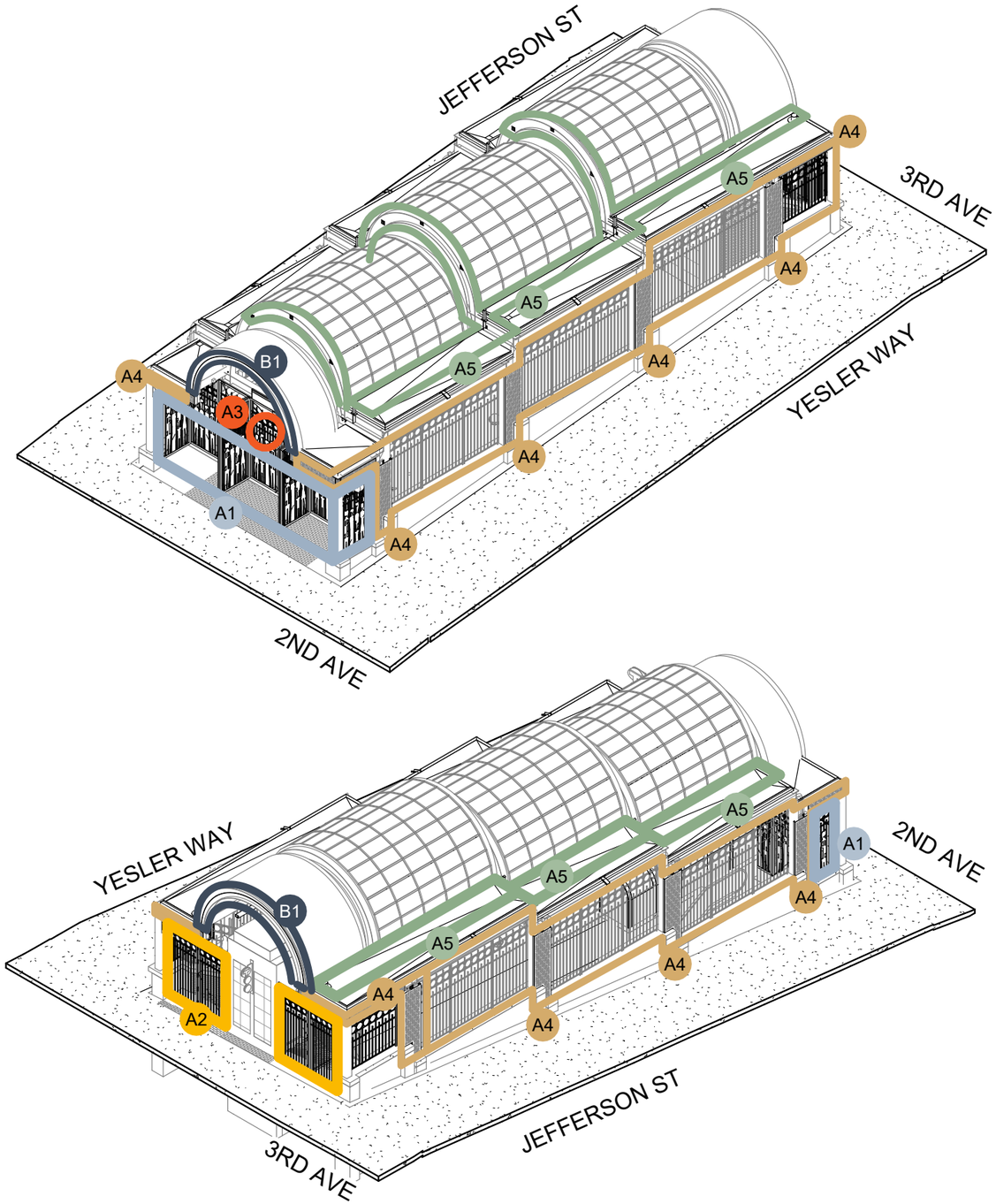
A3 **Interior Horizontal Elements**
Add arched metal structure to the existing plinth and duct bank inside the station to deter climbing. The plinth structure will provide for a possible future option of integrated backlighting to improve ambient lighting and complement the station 's design.

A4 **Exterior Security Elements**
Install custom perforated panels on the exterior structure to reduce climbability and discourage unauthorized access. The panel design will reflect the architectural themes of the station and incorporate provisions for ambient backlighting to enhance nighttime visibility and safety. Remove the "horizontal ladder" elements at the base of columns and grilles to eliminate footholds and further reduce climbability.

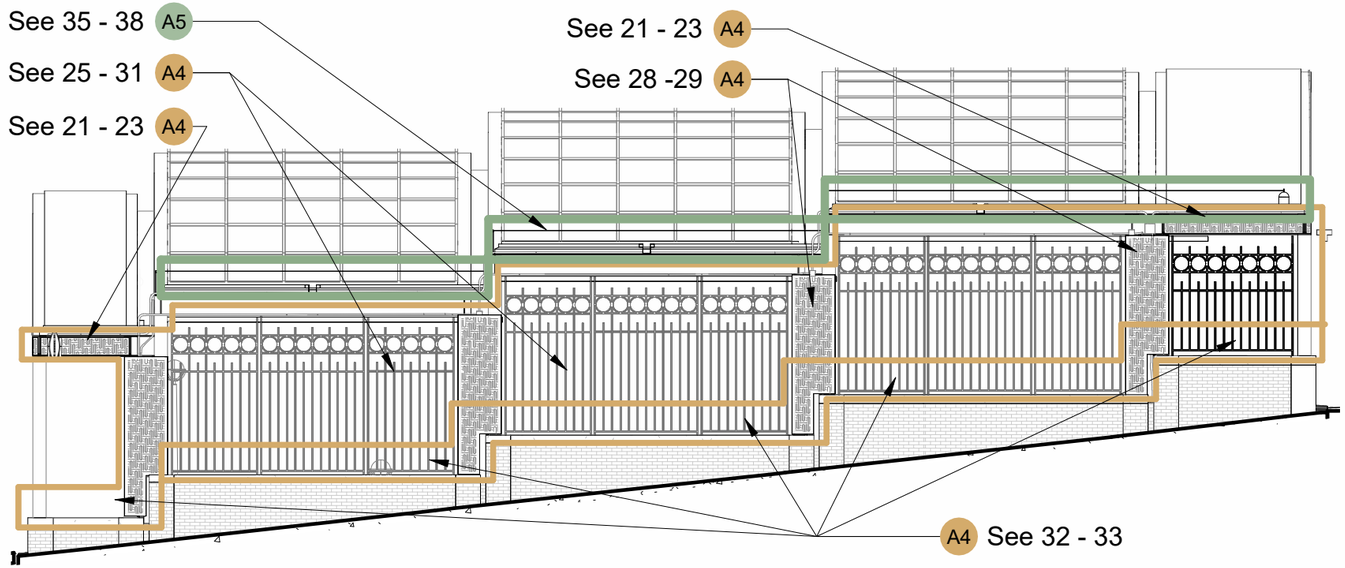
A5 **Roof-Mounted Fall Protection and Drainage Improvement**
Install a low-profile fall protection system on the roof to allow maintenance staff to safely access and maintain the structure. This system will support routine cleaning, debris removal from blocked drains, and the replacement of broken glass panels on the barrel vault. To improve drainage and attempt to limit water overflow from the roofs entry into the building, scuppers could be added to the flat sections of the roof.

Project B Includes

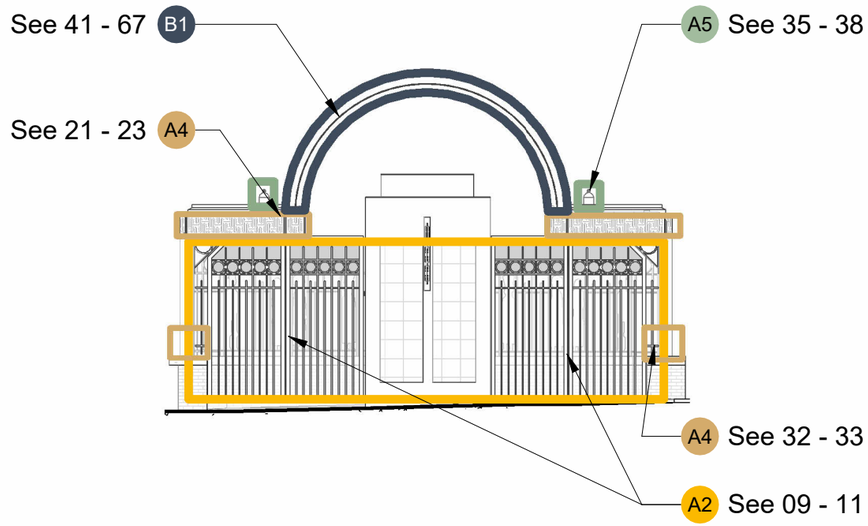
B1 **Restored Lighting in Barrel Vaults**
Replace existing nonfunctional lighting on the arched roof structure and restore lighting to the exterior to enhance visibility and highlight architectural features at night.



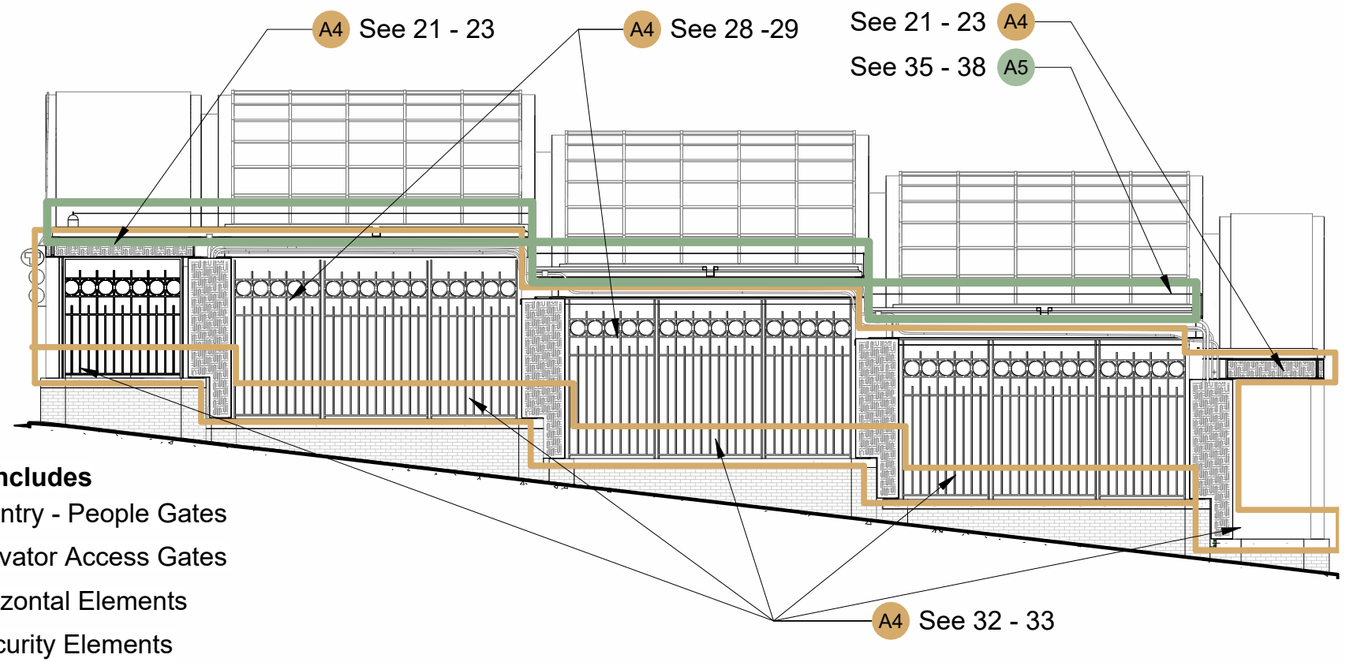
SOUNDTRANSIT Tiscareno



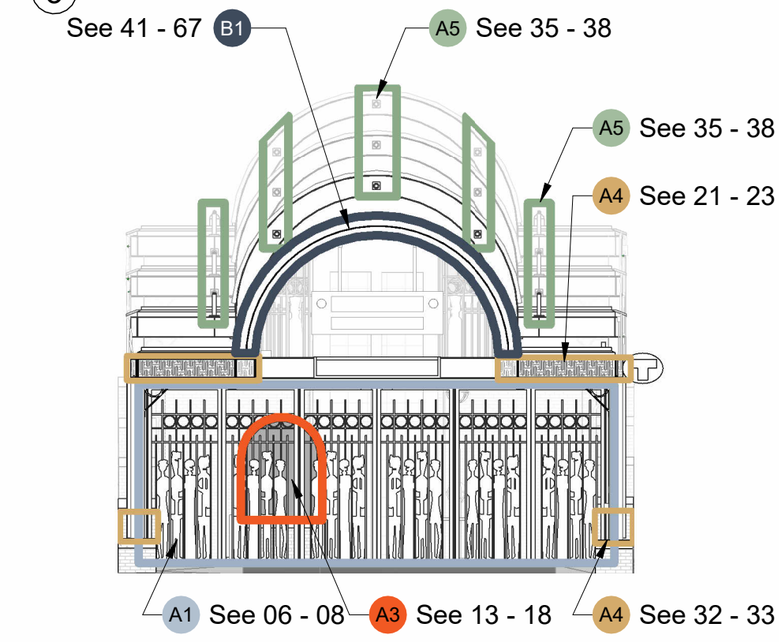
4 PROPOSED ELEVATION - EAST / YESLER WAY



3 PROPOSED ELEVATION - 3RD AVE / ELEV ENTRY



2 PROPOSED ELEVATION - WEST / JEFFERSON ST



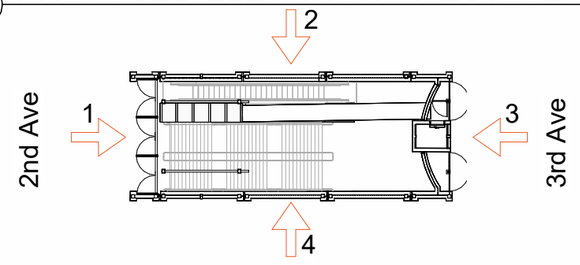
1 PROPOSED ELEVATION - 2ND AVE / PUBLIC ART ENTRY

Project A Includes

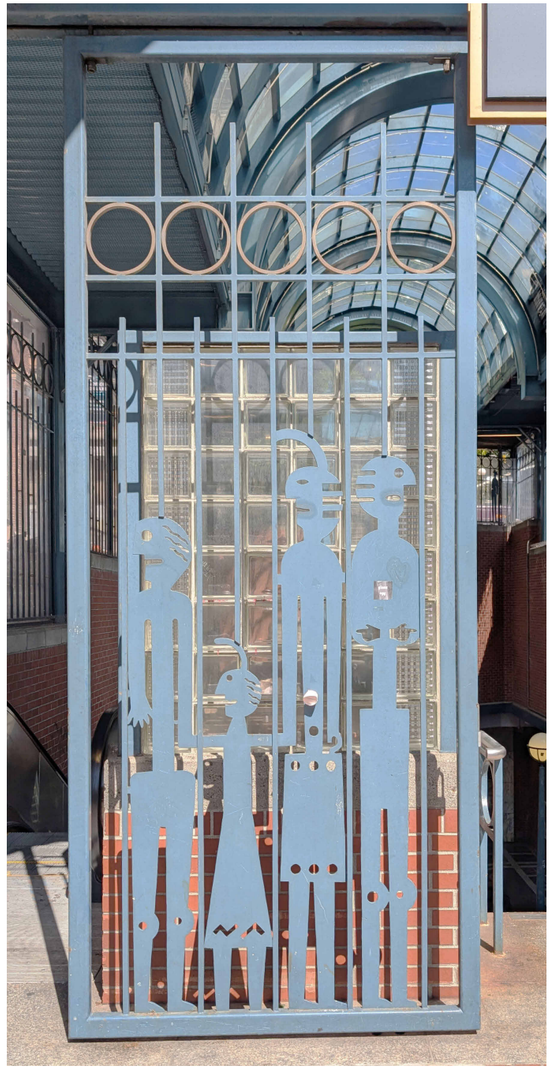
- A1 Public Art Entry - People Gates
- A2 3rd Ave Elevator Access Gates
- A3 Interior Horizontal Elements
- A4 Exterior Security Elements
- A5 Roof-Mounted Fall Protection and Drainage Improvement

Project B Includes

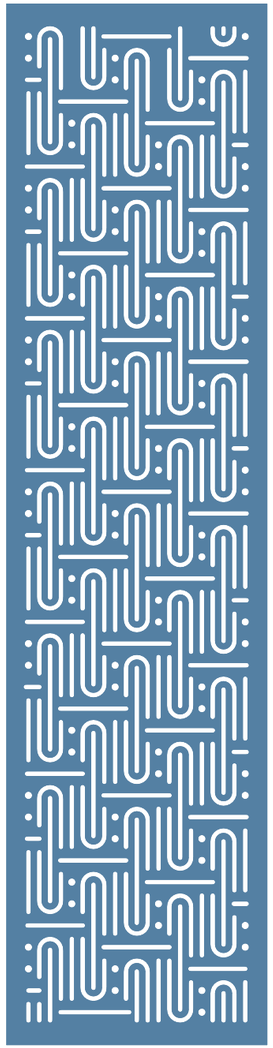
- B1 Restored Lighting in Barrel Vaults



SOUNDTRANSIT Tiscareno



Existing Public Art Entry
'People Gates' to be reused, color to match existing "Pioneer Blue"



Custom Infill Panel
Color to match existing "Pioneer Blue"

Perforated Stainless Steel Panel
Located at plinth cover and anti-climb infill as indicated. To remain unpainted

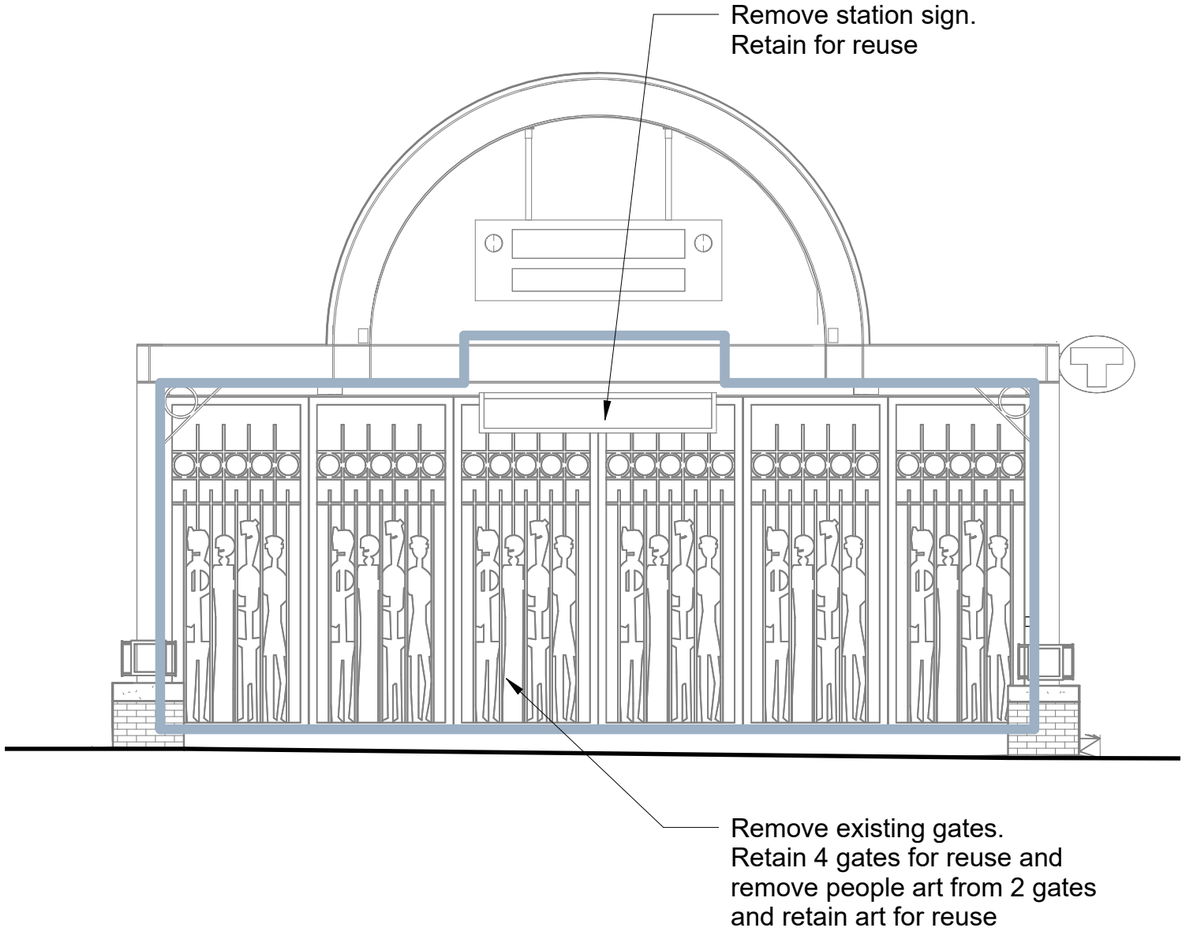
"Pioneer Blue" Paint Color (Exterior)
New work to be painted to match

"Pioneer Blue" Paint Color (Interior)
New work to be painted to match

Proposed

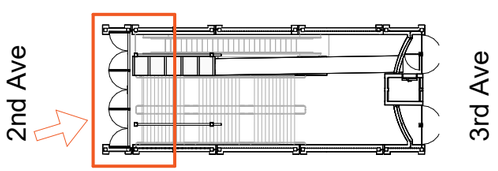
Gates

EXISTING FACADE - 2ND AVE / PUBLIC ART ENTRY - OPEN



EXISTING ELEVATION - 2ND AVE / PUBLIC ART ENTRY - CLOSED

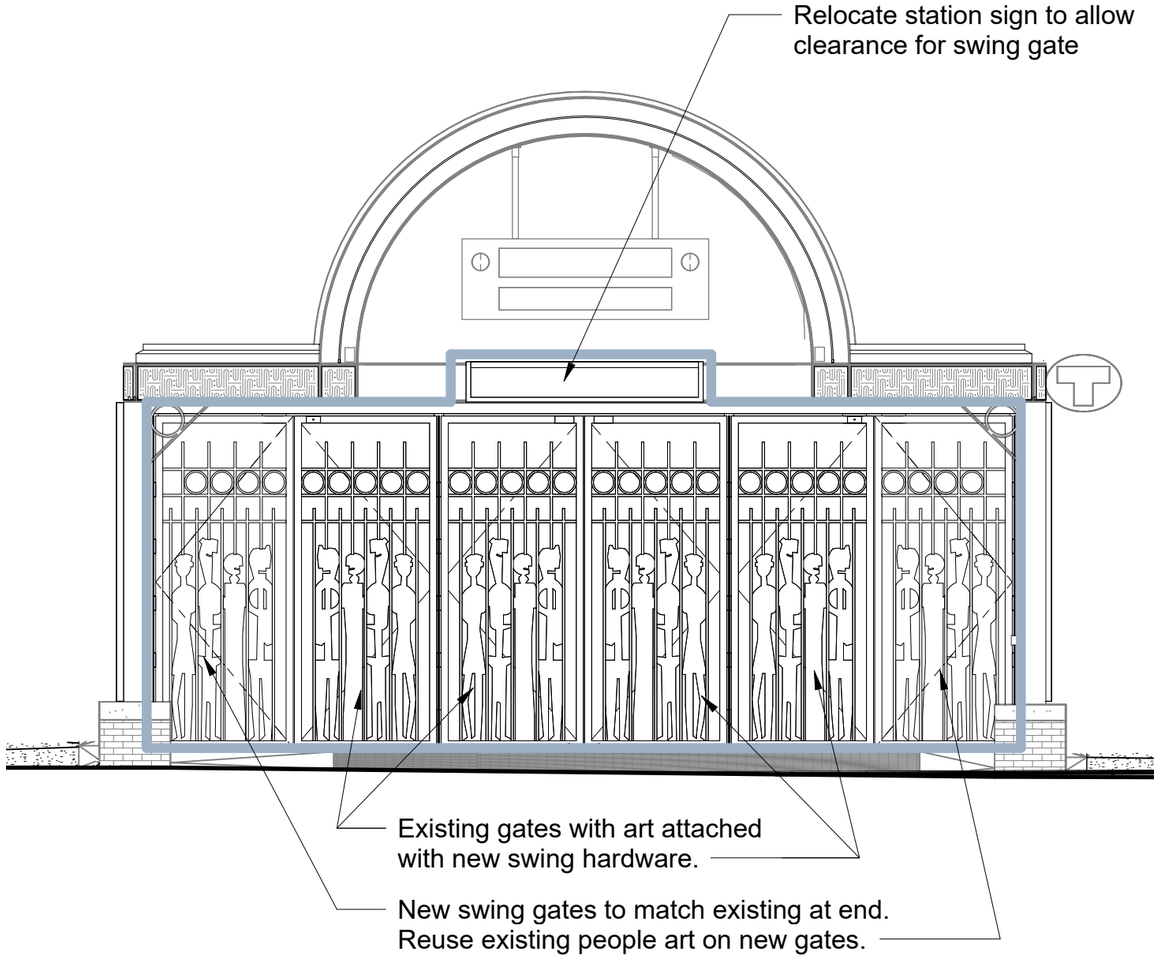
SOUNDTRANSIT Tiscareno



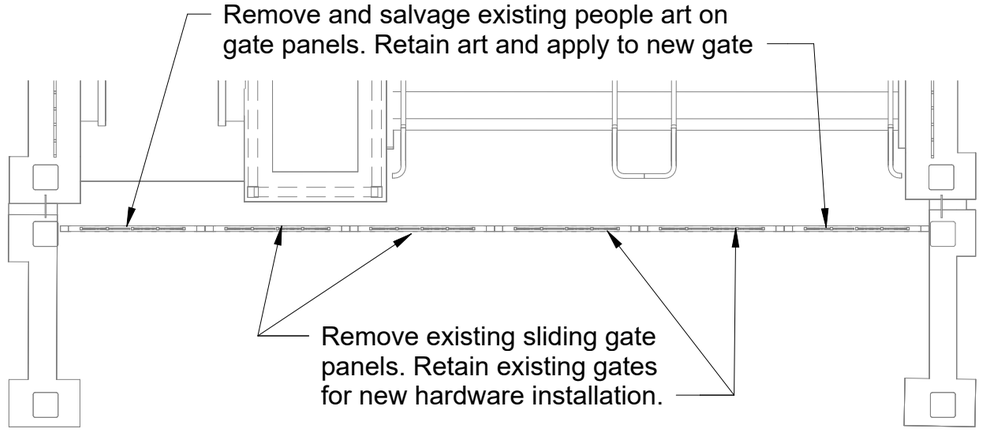
Existing

Gates | 2nd Ave Public Art Entry A1

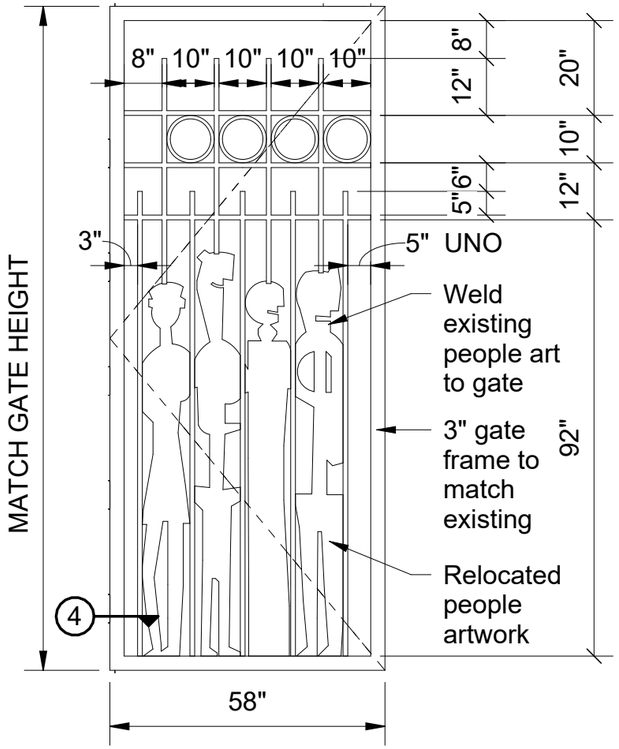
PROPOSED FACADE - 2ND AVE / PUBLIC ART ENTRY - OPEN

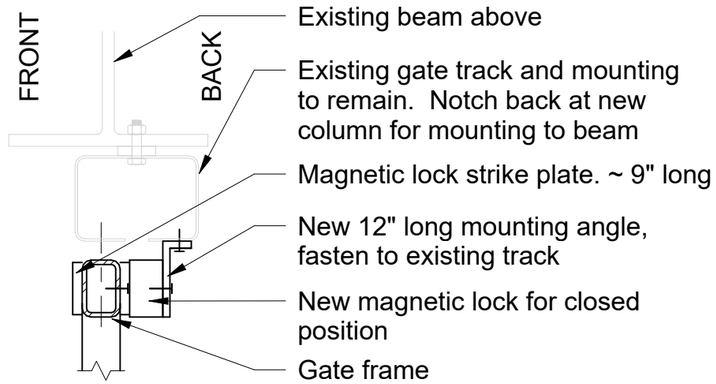


PROPOSED ELEVATION - 2ND AVE / PUBLIC ART ENTRY - CLOSED

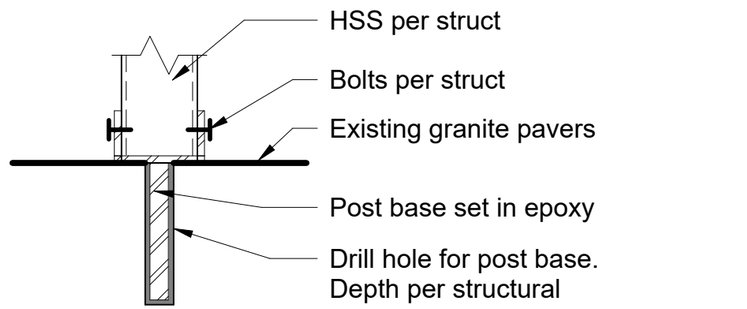


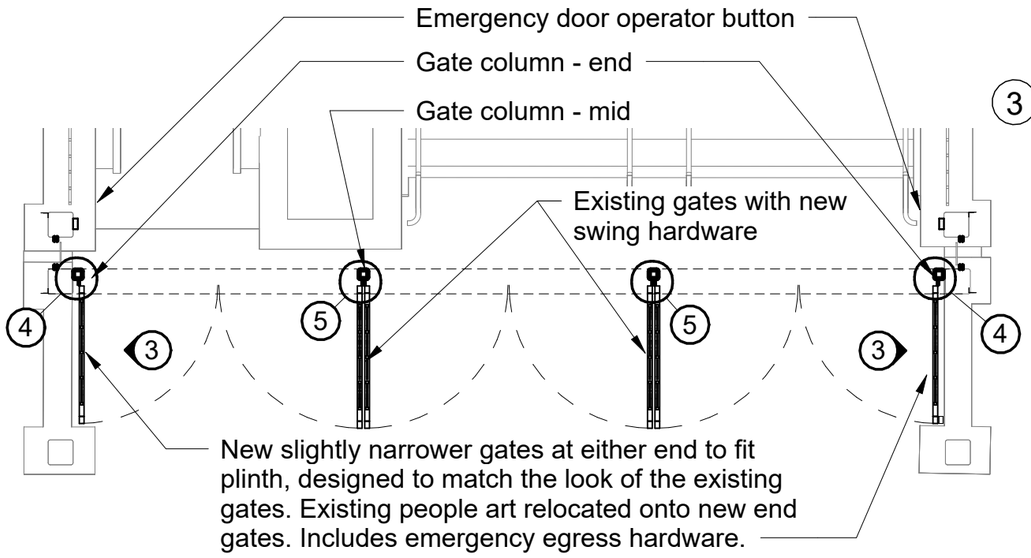
2 DEMO PLAN - 2ND AVE / PUBLIC ART ENTRY



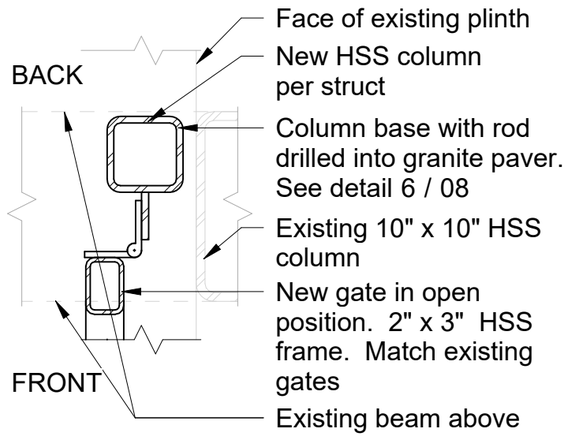


7 SECTION DETAIL - ART GATE HEAD

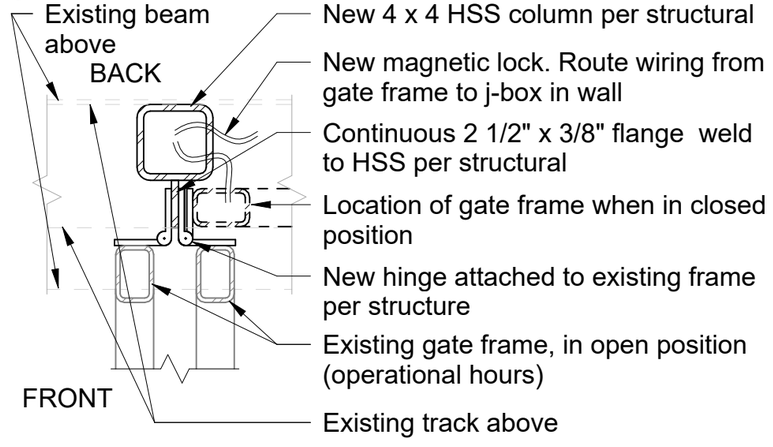




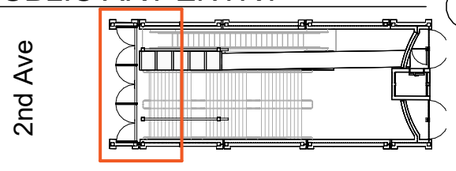
3 ENLARGED ELEVATION - NEW GATES



6 SECTION DETAIL - ART GATE COLUMN BASE



1 PROPOSED PLAN - 2ND AVE / PUBLIC ART ENTRY



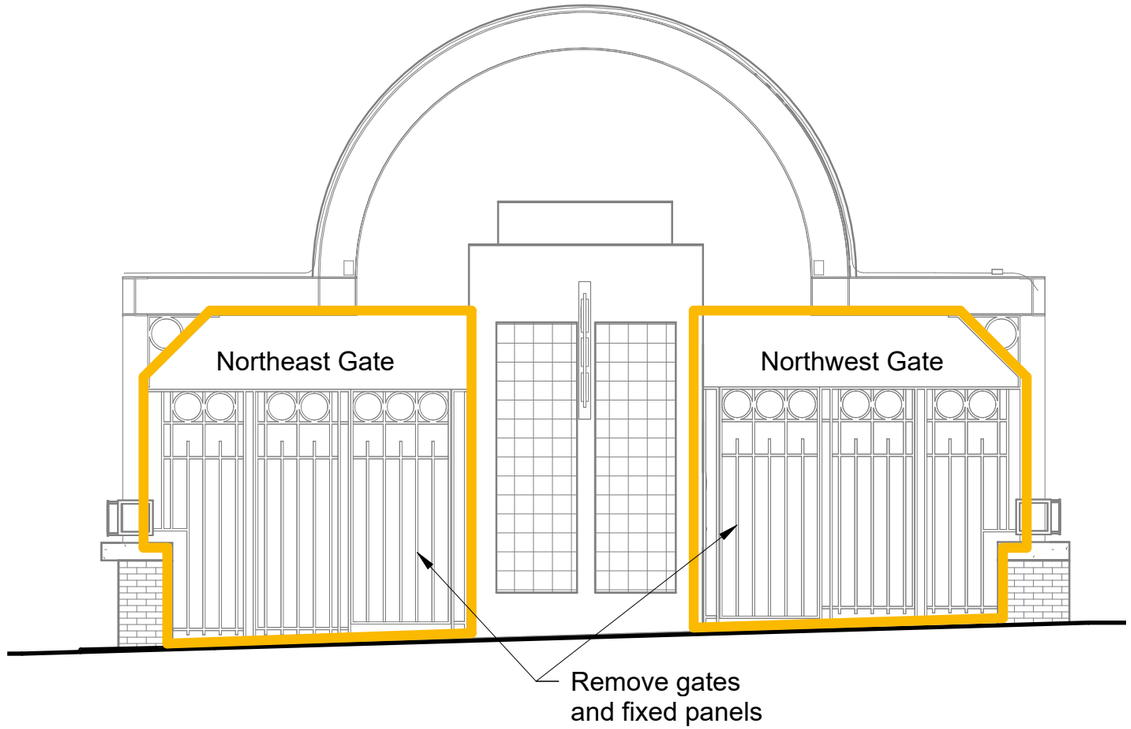
4 PLAN DETAIL - GATE AT END COLUMN

5 PLAN DETAIL - GATE AT MID COLUMN

NOTE: ALL GATES, COLUMNS AND SUPPORTS ARE PAINTED TO MATCH EXISTING STRUCTURE

SOUNDTRANSIT Tiscareno

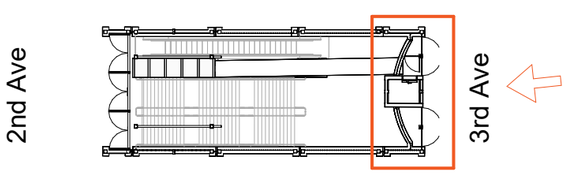
EXISTING FACADE - 3RD AVE / ELEV ENTRY DURING OPERATING HOURS

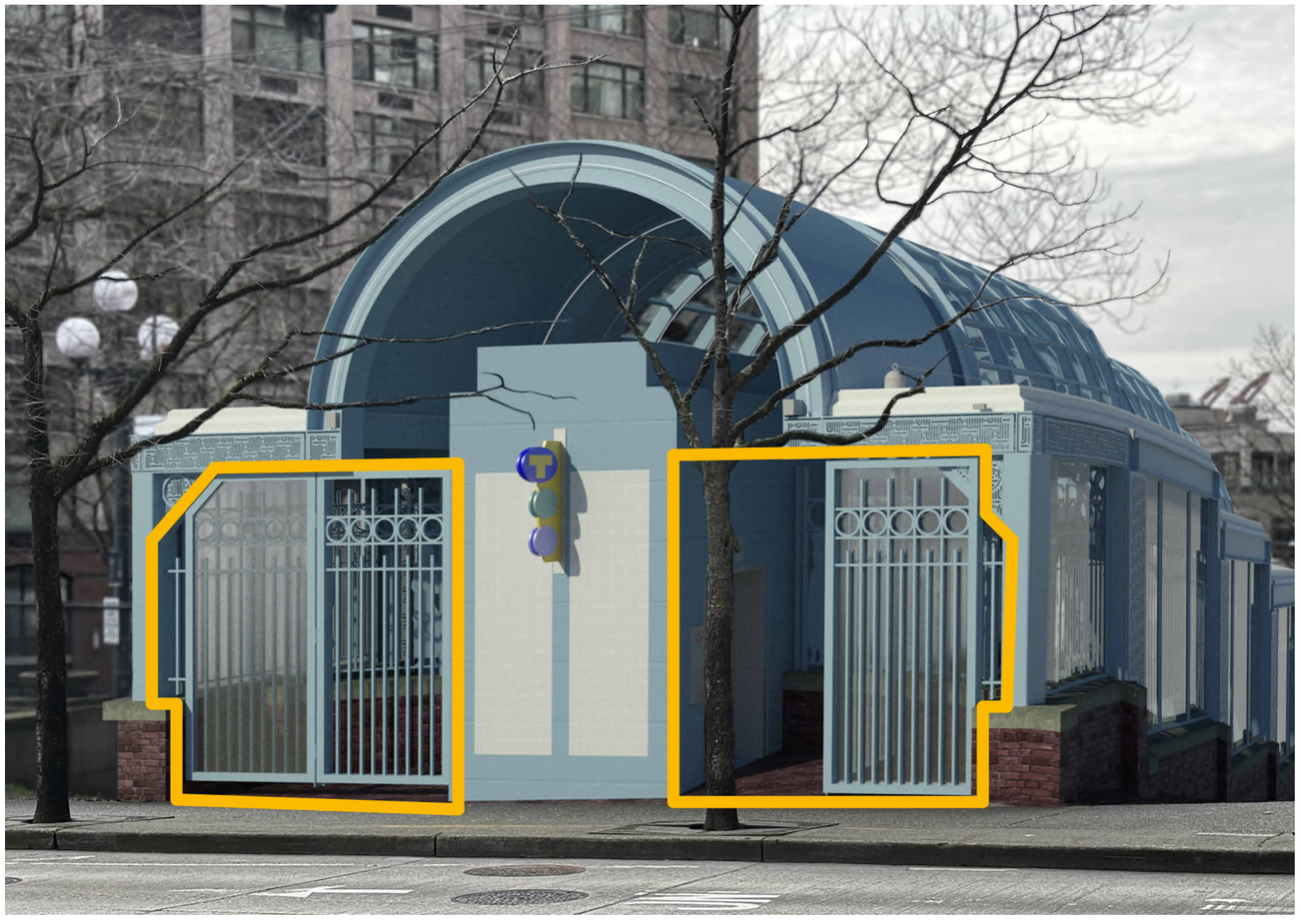


EXISTING ELEVATION - 3RD AVE / ELEV ENTRY

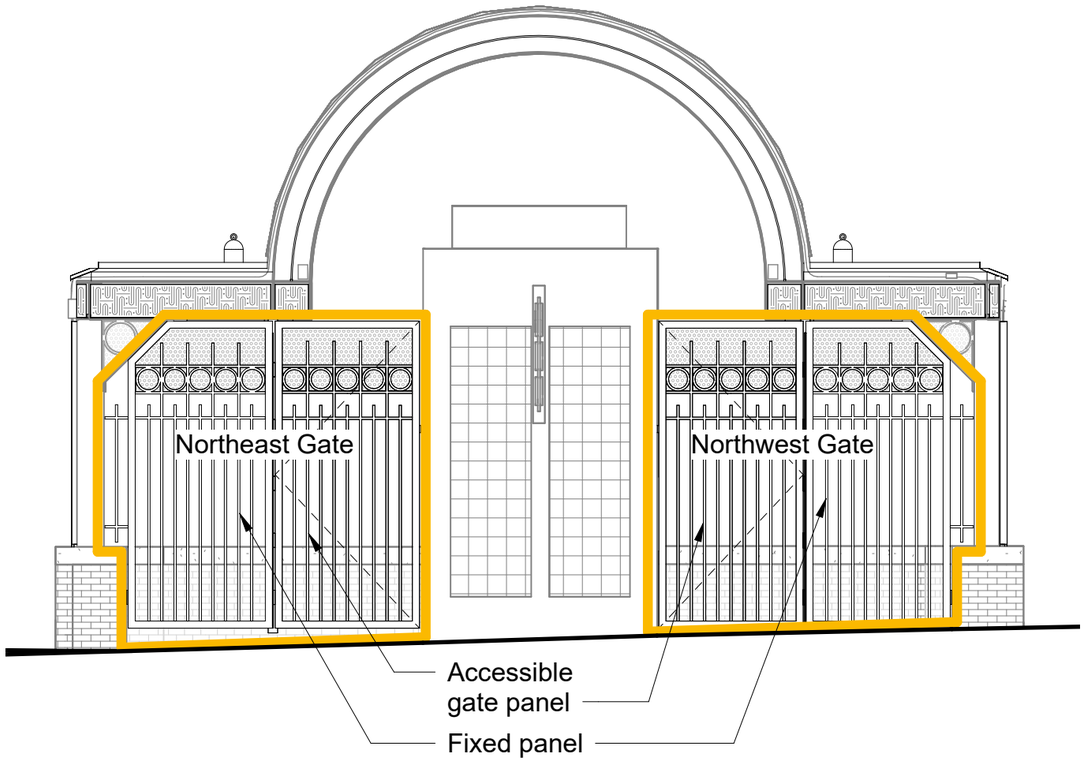
SOUNDTRANSIT

Tiscareno

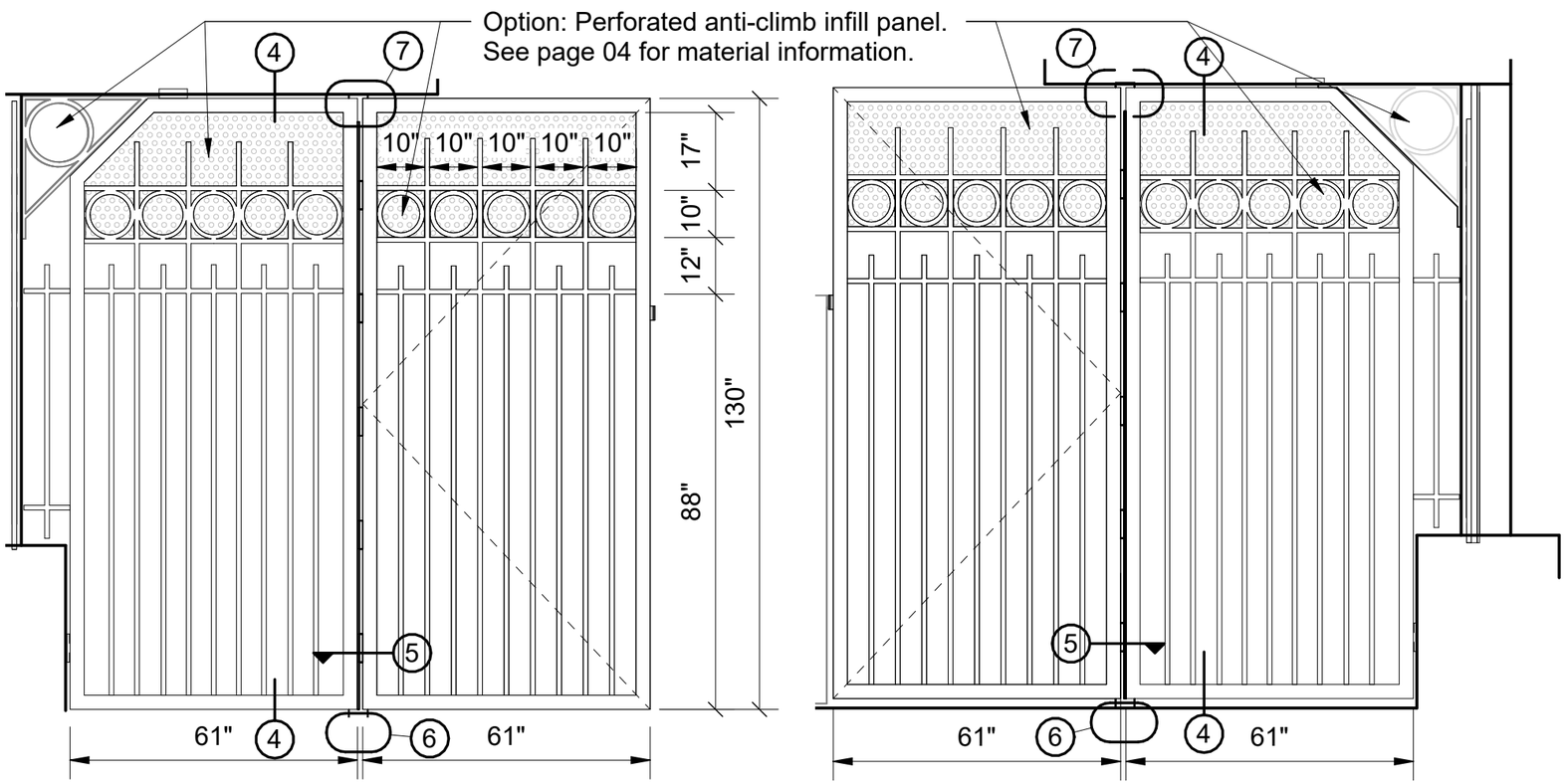




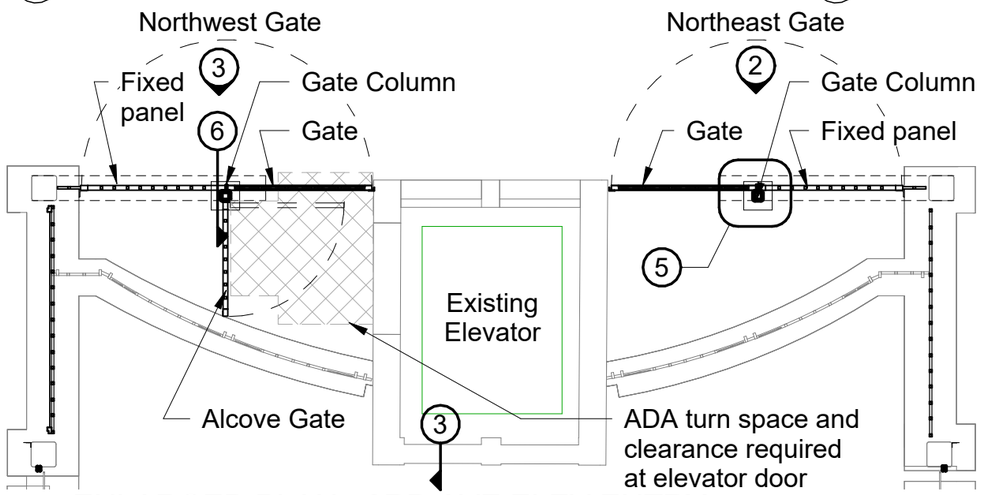
PROPOSED FACADE - 3RD AVE / ELEV ENTRY DURING OPERATING HOURS



PROPOSED ELEVATION - 3RD AVE / ELEV ENTRY

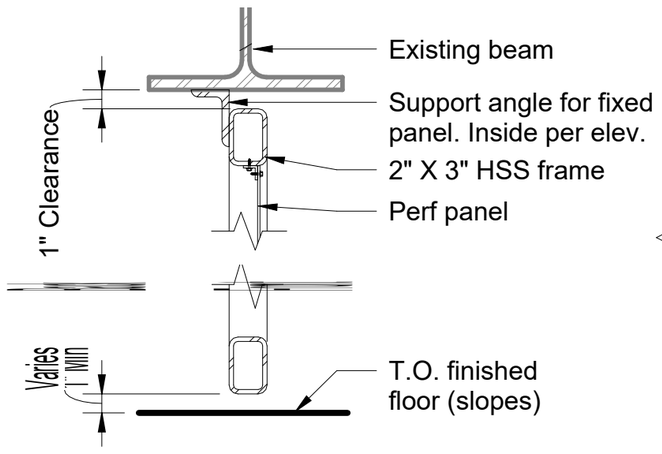


2 ENLARGD ELEVATION - NORTHEAST GATE

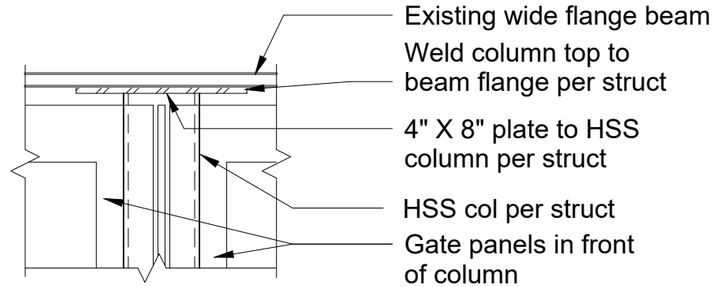


1 ENLARGED PLAN - 3RD AVE ELEV ENTRY

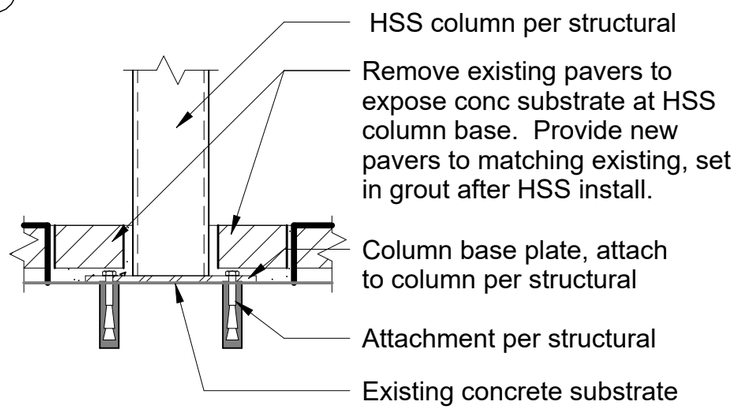
3 ENLARGED ELEVATION - NORTHWEST GATE



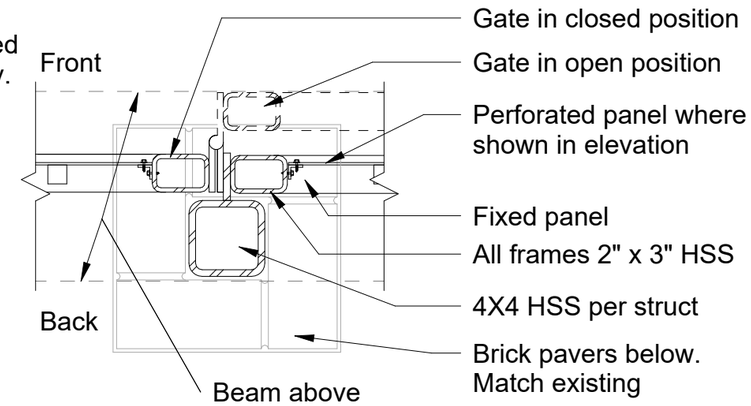
4 SECTION DETAIL - GATE FRAME



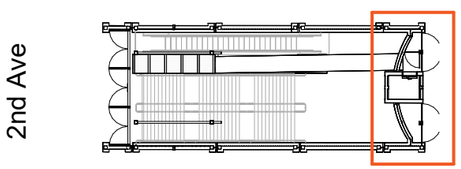
7 SECTION DETAIL - COLUMN HEAD



6 SECTION DETAIL - COLUMN BASE



5 PLAN DETAIL - COLUMN AND GATE



NOTE: ALL GATES, COLUMNS AND SUPPORTS ARE PAINTED TO MATCH EXISTING STRUCTURE

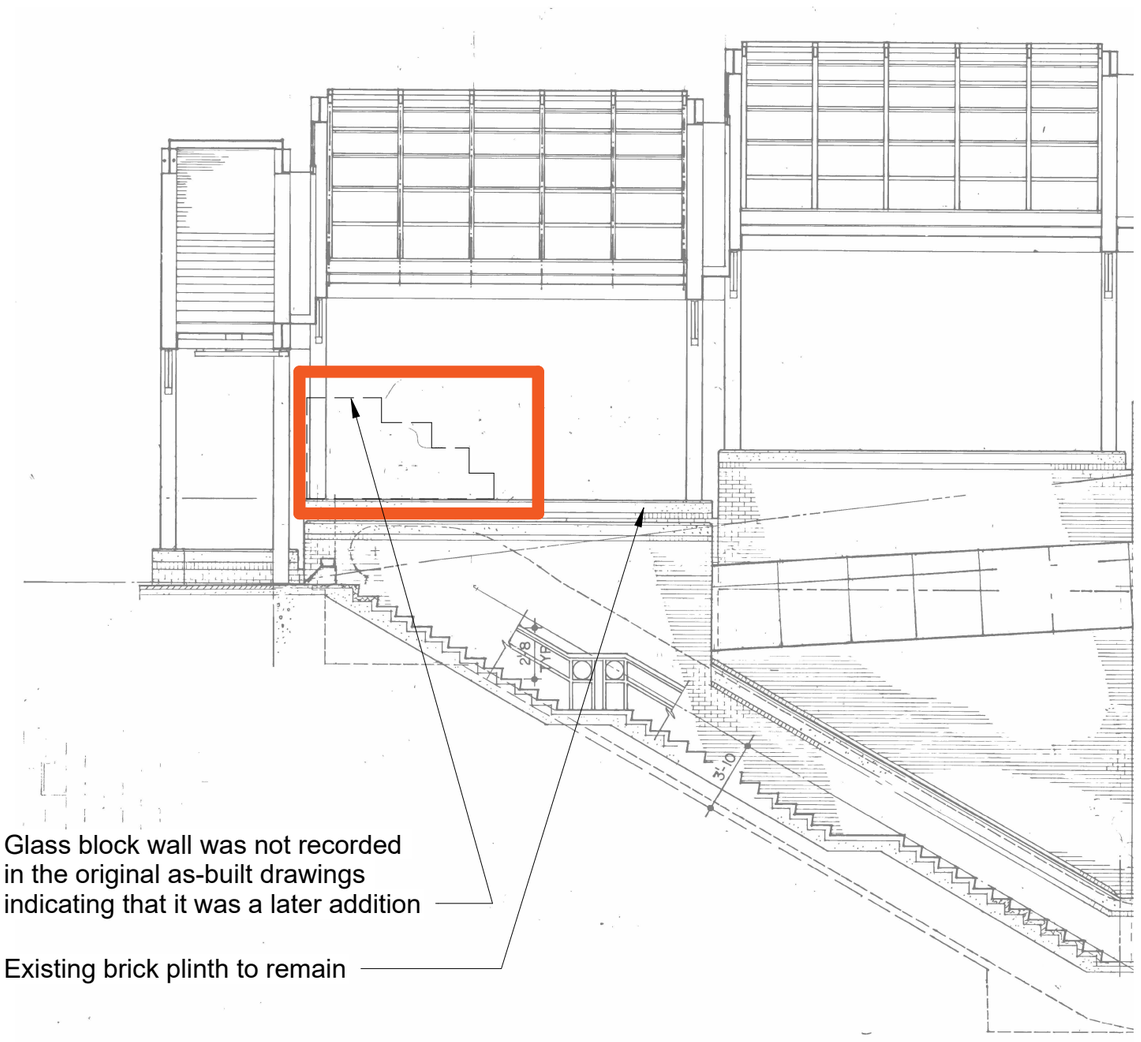
Proposed

Interior

EXISTING PLINTH

Remove glass block

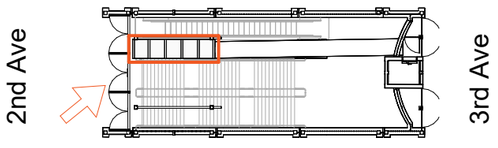
Existing brick plinth to remain

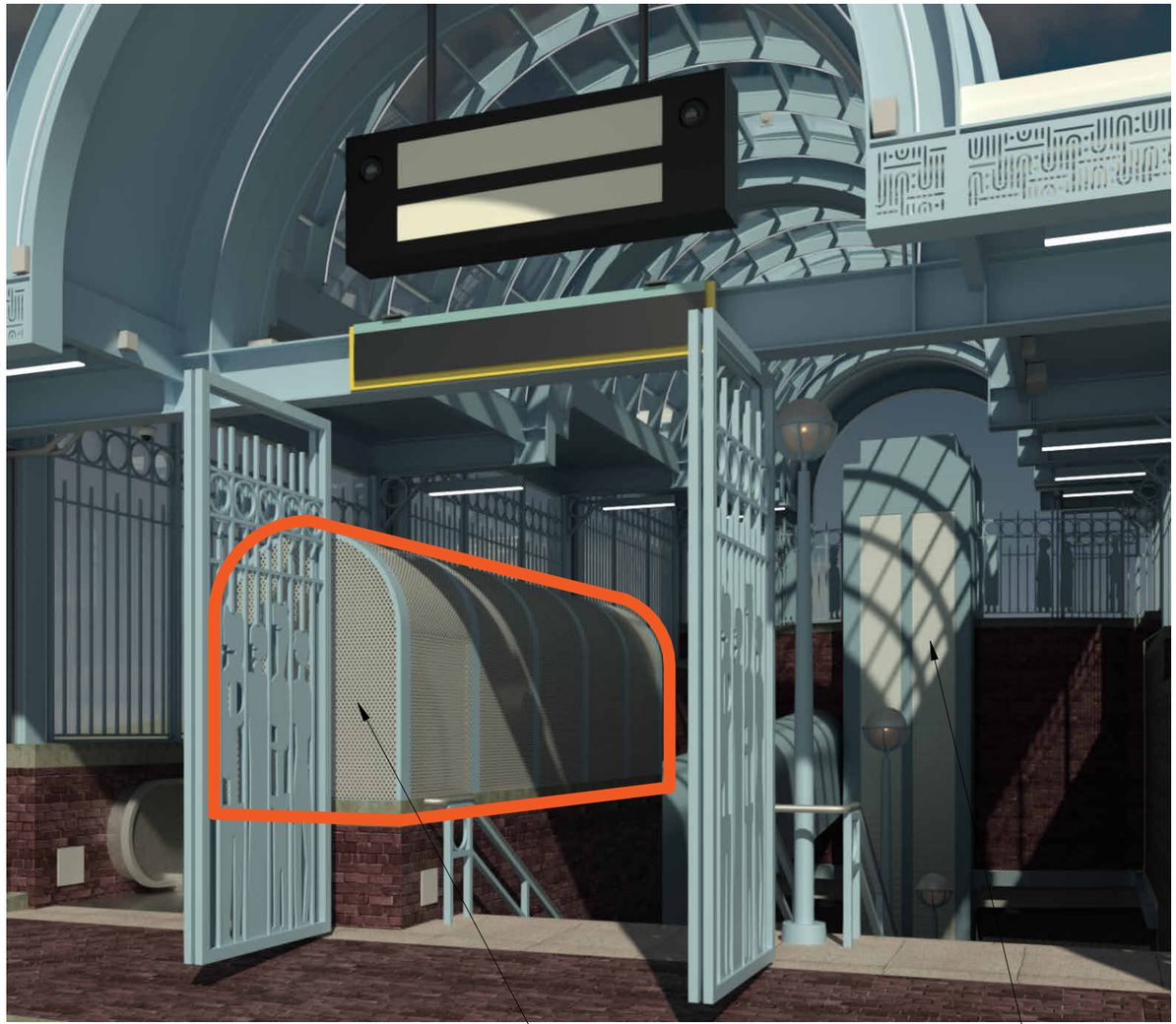


Glass block wall was not recorded in the original as-built drawings indicating that it was a later addition

Existing brick plinth to remain

ORIGINAL AS-BUILT SECTION

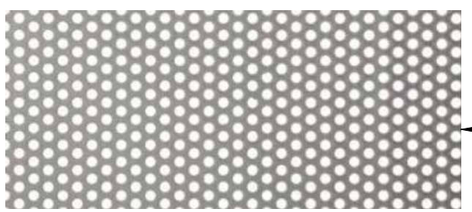




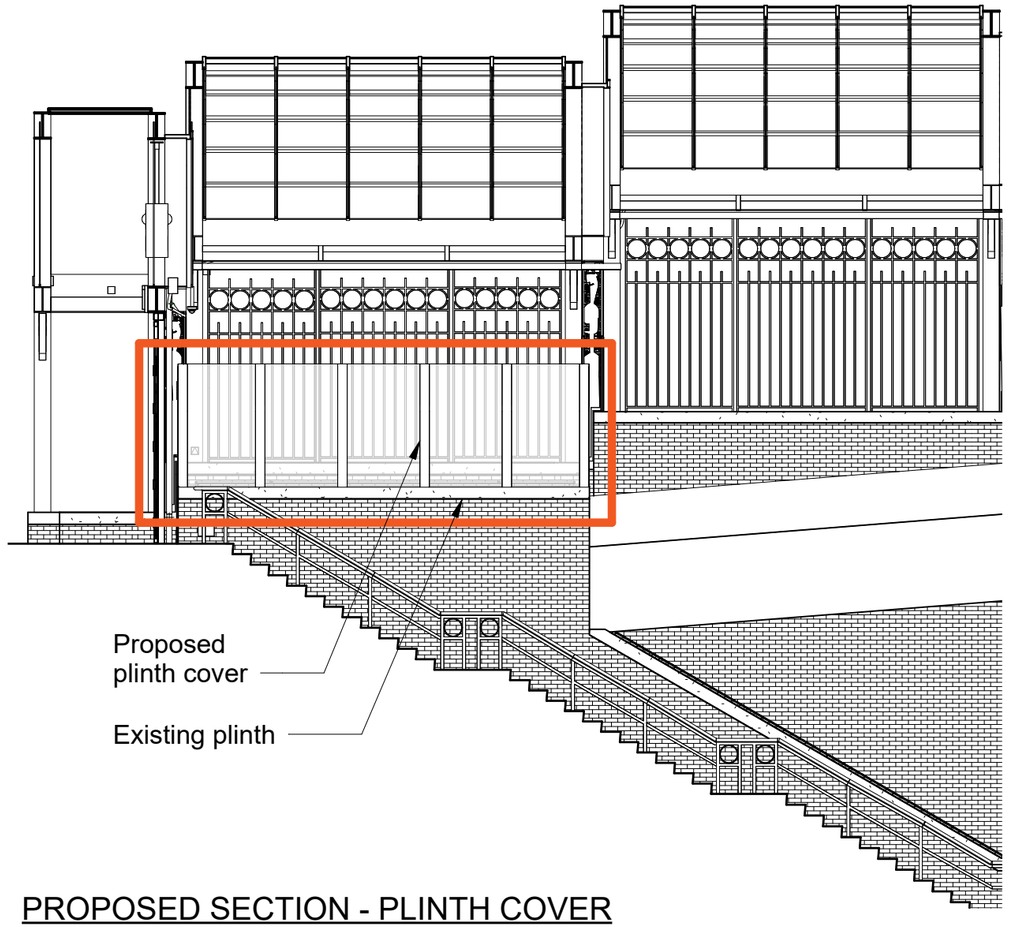
PROPOSED PLINTH COVER

Plinth with curved, anti-climb perforated panel with possible option for integrated lighting

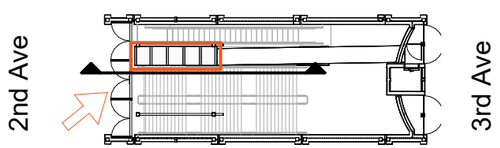
No changes proposed to existing elevator structure



Light-colored stainless steel perforated panel to mimic the open feeling of the roof vault, the arched barrel vault and circles on the gates



PROPOSED SECTION - PLINTH COVER



EXISTING PLINTH COVER

PROPOSED PLINTH COVER

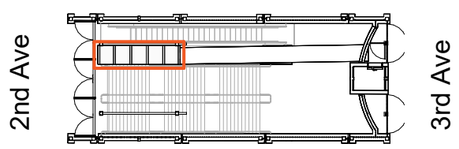
B1 See 41 - 67

B1 See 41 - 67

Plinth with curved, anti-climb perforated panel with possible future integrated lighting

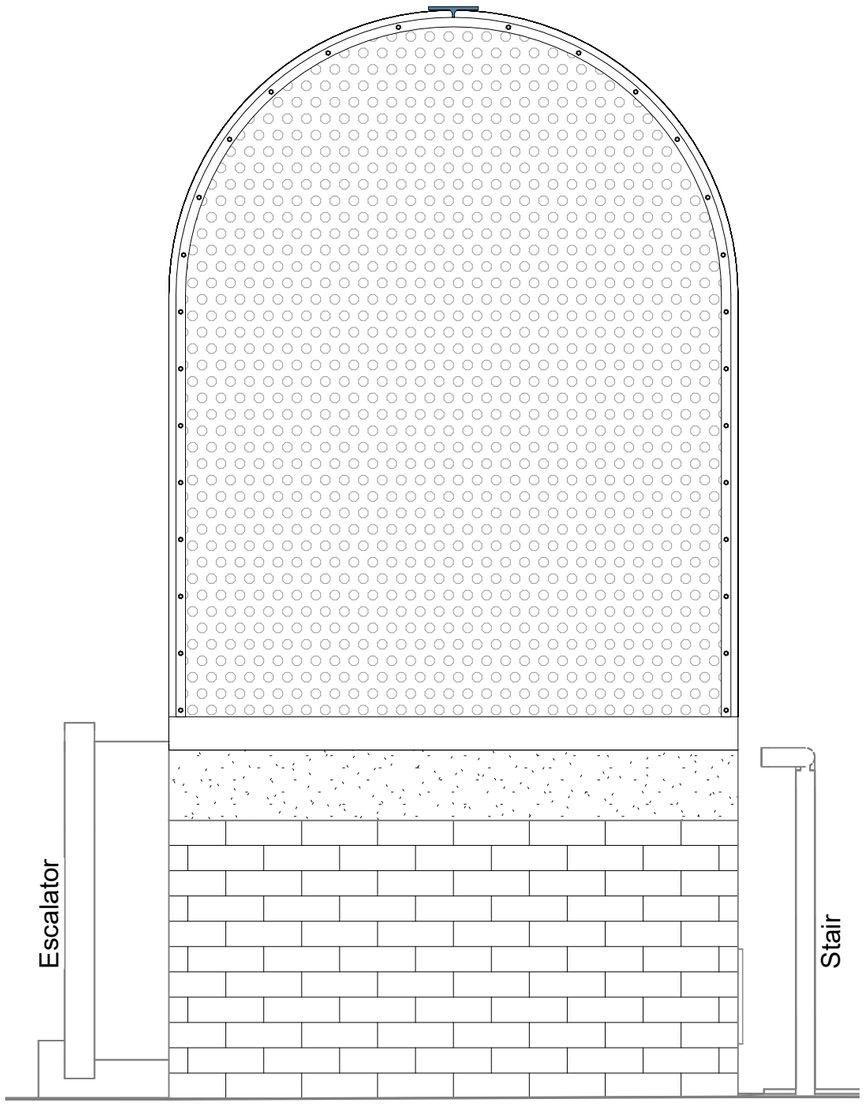
A3 To mitigate the significant safety hazard of individuals climbing over the low glass-block guard onto the adjacent elevated duct bank, we propose a custom arched metal structure atop the interior plinth. Inspired by the station's iconic barrel vault ceiling, the arched form reinforces the existing architectural language and creates a cohesive, visually integrated design. Clad in perforated stainless steel panels, the structure is designed to visually recede—appearing almost transparent from a distance—while physically deterring climbing. The cover will include provisions for a possible option to include integrated backlighting to enhance ambient illumination at the entry stair, improving visibility and drawing subtle attention to the vault-inspired geometry. This solution not only addresses safety concerns but also enhances the station's aesthetic quality.

SOUNDTRANSIT Tiscareno

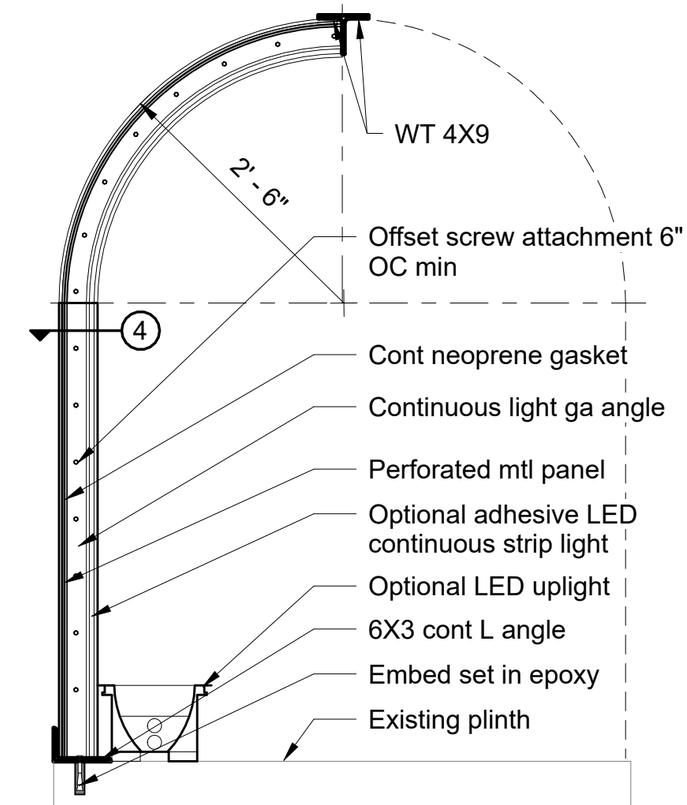


Night View

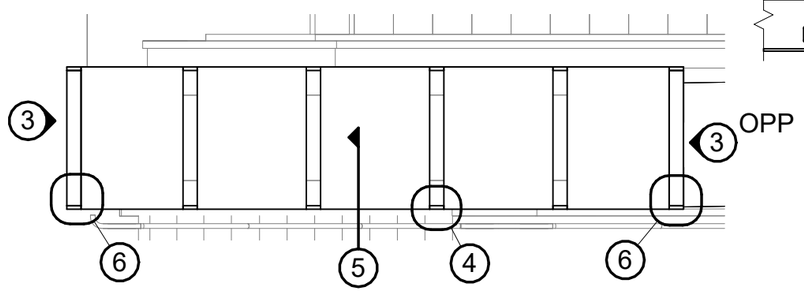
Interior | Plinth at Night A3



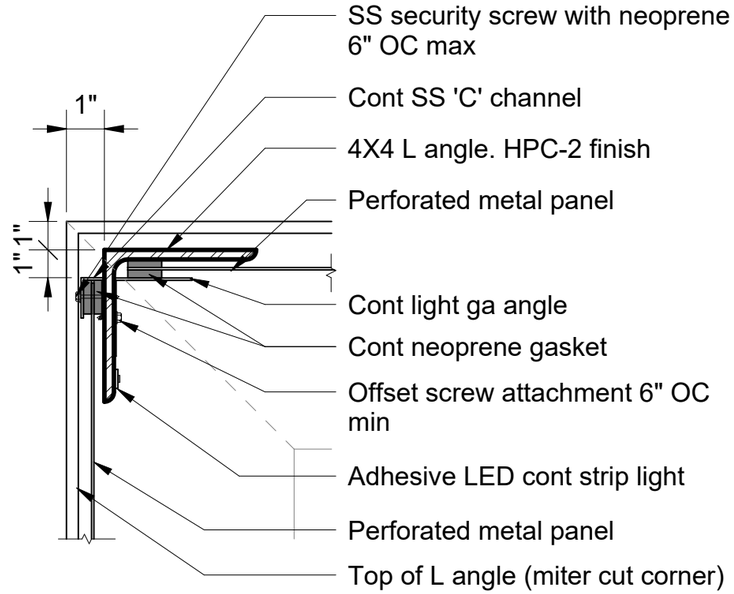
3 ENLARGED ELEVATION - PLINTH END



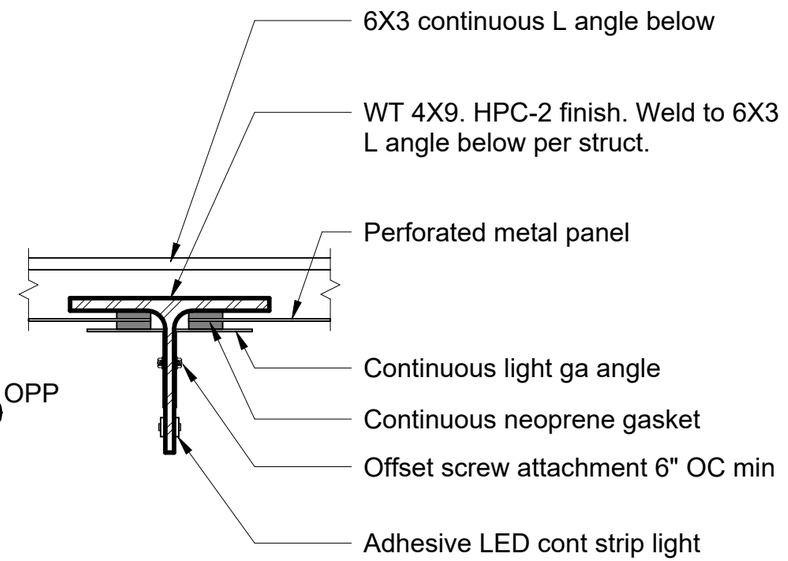
5 SECTION DETAIL - PLINTH COVER



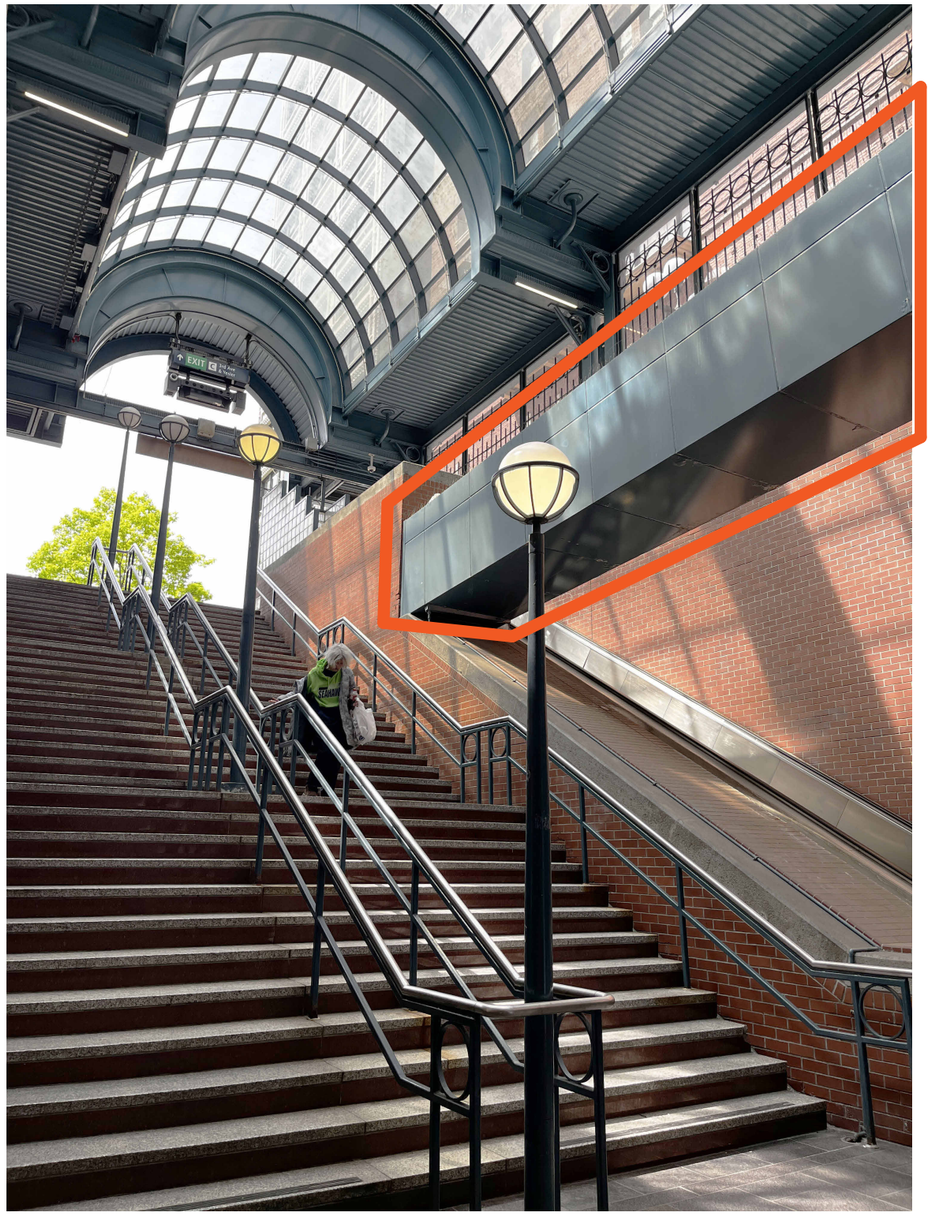
1 ENLARGED PLAN - PLINTH COVER



6 PLAN DETAIL - PLINTH END CONNECTION



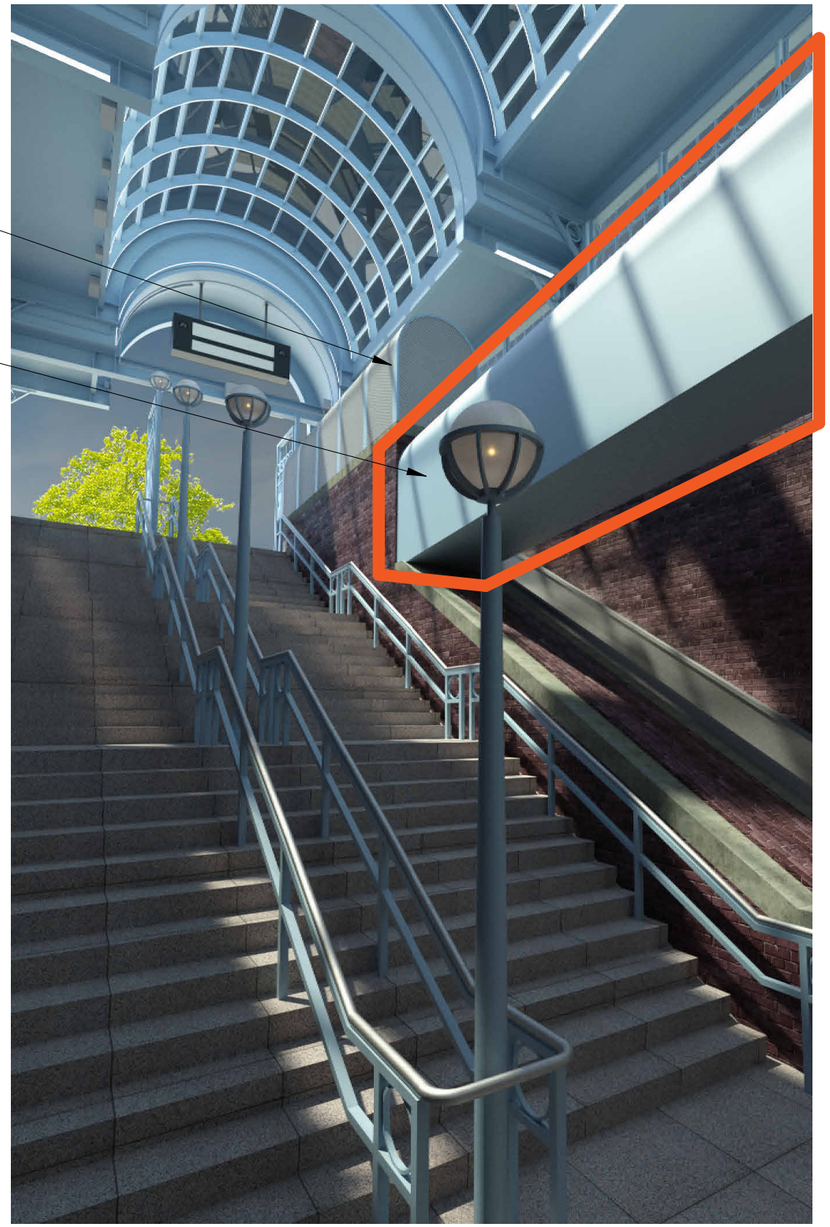
4 PLAN DETAIL - PLINTH PANEL MID CONNECTION



EXISTING - DUCT BANK

Plinth with curved, anti-climb perforated panel. Possible option to add interior lighting

Duct bank with curved, anti-climb flush metal panel, finish to match existing

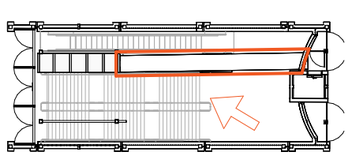


PROPOSED - DUCT BANK

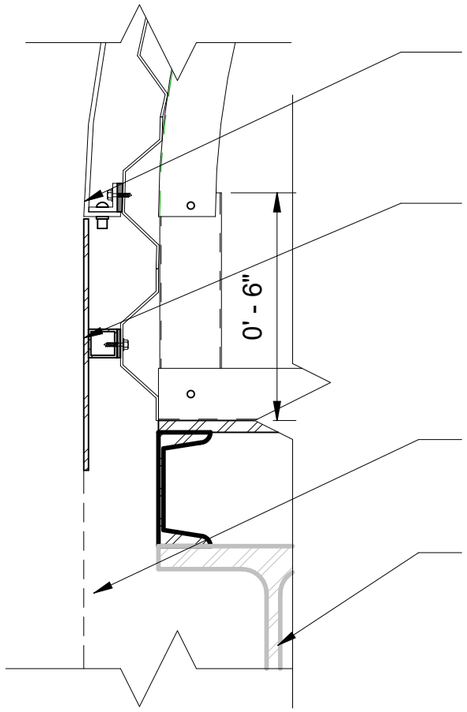
SOUNDTRANSIT

Tiscareno

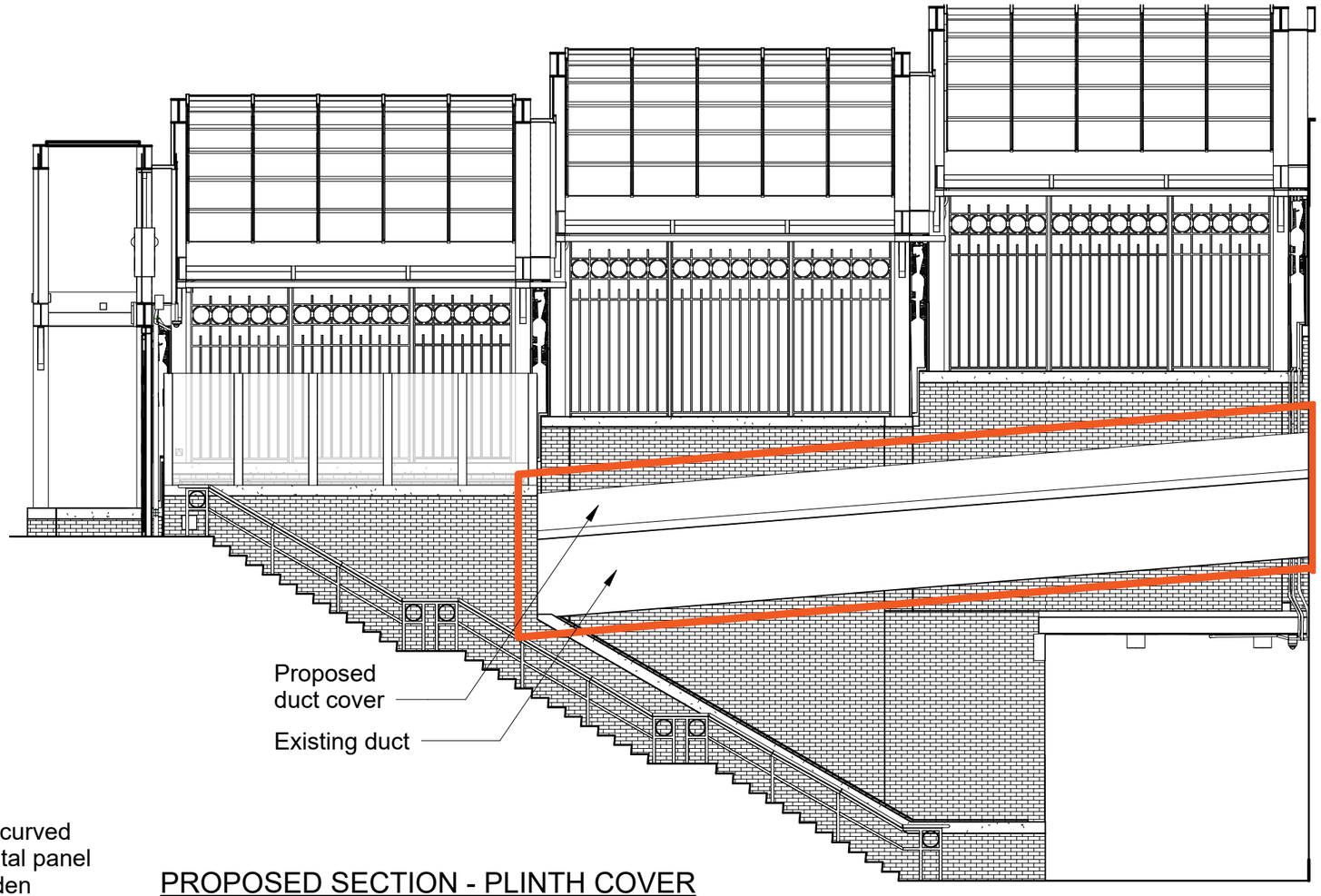
2nd Ave



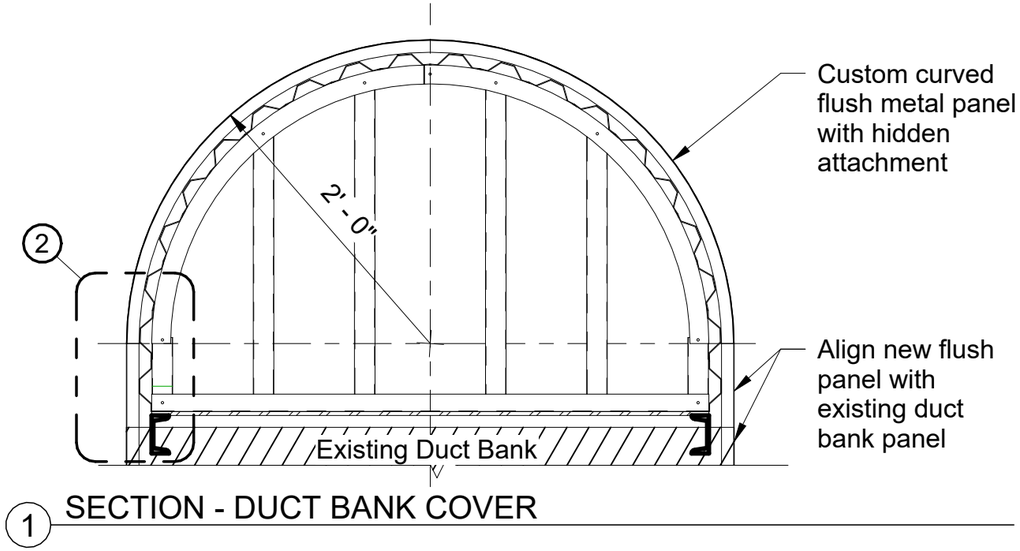
3rd Ave



2 SECTION DETAIL - DUCT BANK COVER



PROPOSED SECTION - PLINTH COVER



1 SECTION - DUCT BANK COVER

Design Options

Horizontal Elements

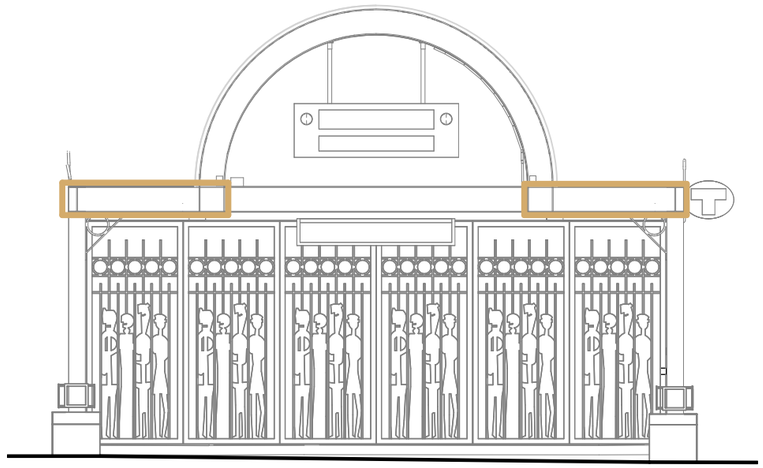
Vertical Elements

Fall Protection

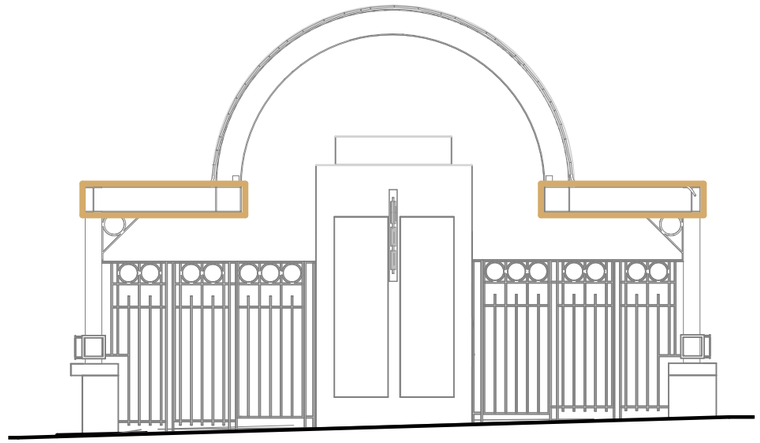
Design Options

Horizontal Elements

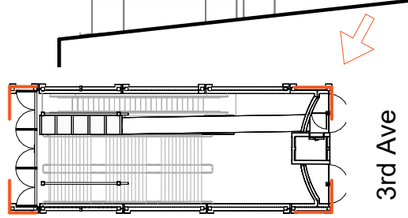
EXISTING FACADE - 3RD AVE / ELEV ENTRY



EXISTING ELEVATION -
2ND AVE / PUBLIC ART ENTRY



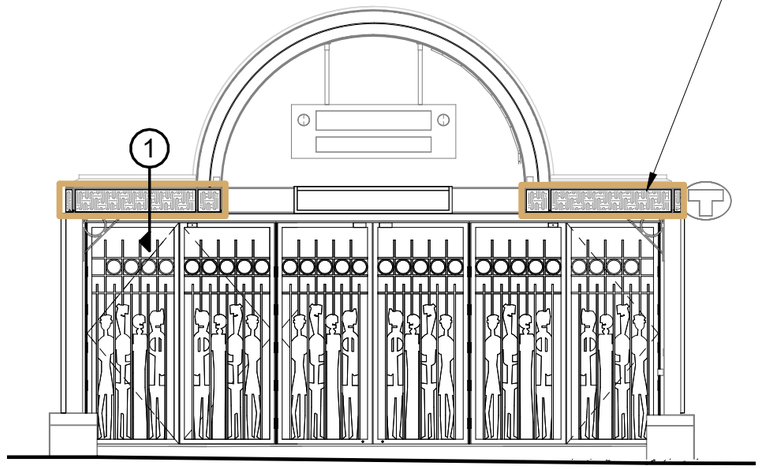
EXISTING ELEVATION - 3RD AVE / ELEV ENTRY



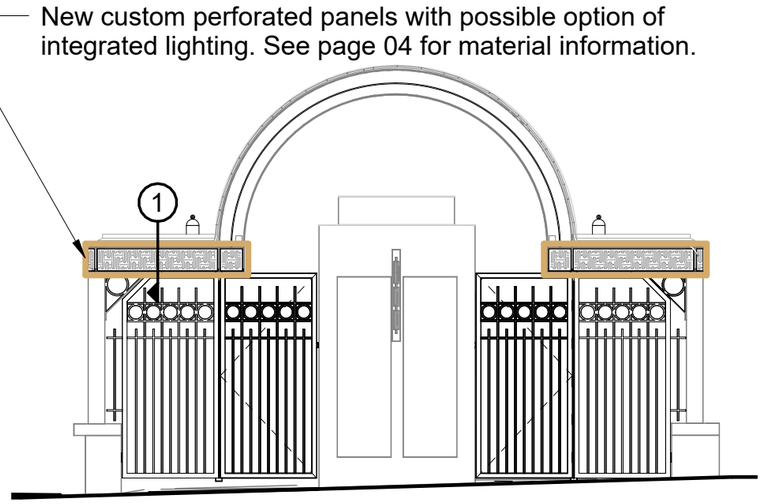
EXISTING ELEVATION - EAST / YESLER WAY

SOUNDTRANSIT Tiscareno

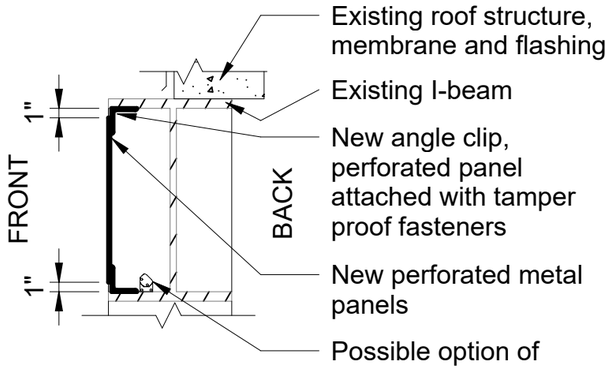
PROPOSED - OPTION 1



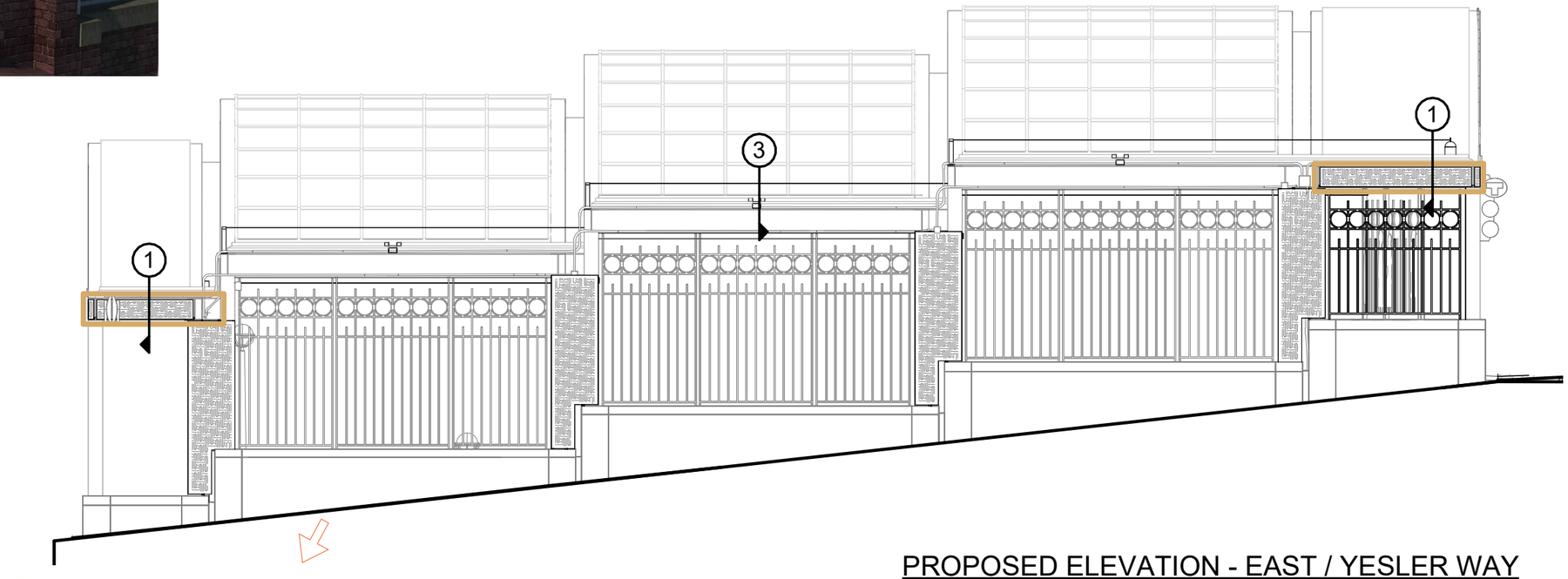
PROPOSED ELEVATION -
2ND AVE / PUBLIC ART ENTRY



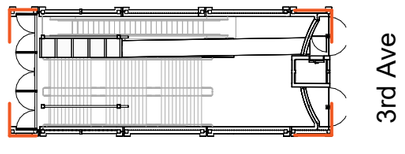
PROPOSED ELEVATION - 3RD AVE / ELEV ENTRY



1 SECTION DETAIL - INFILL AT I BEAM



PROPOSED ELEVATION - EAST / YESLER WAY



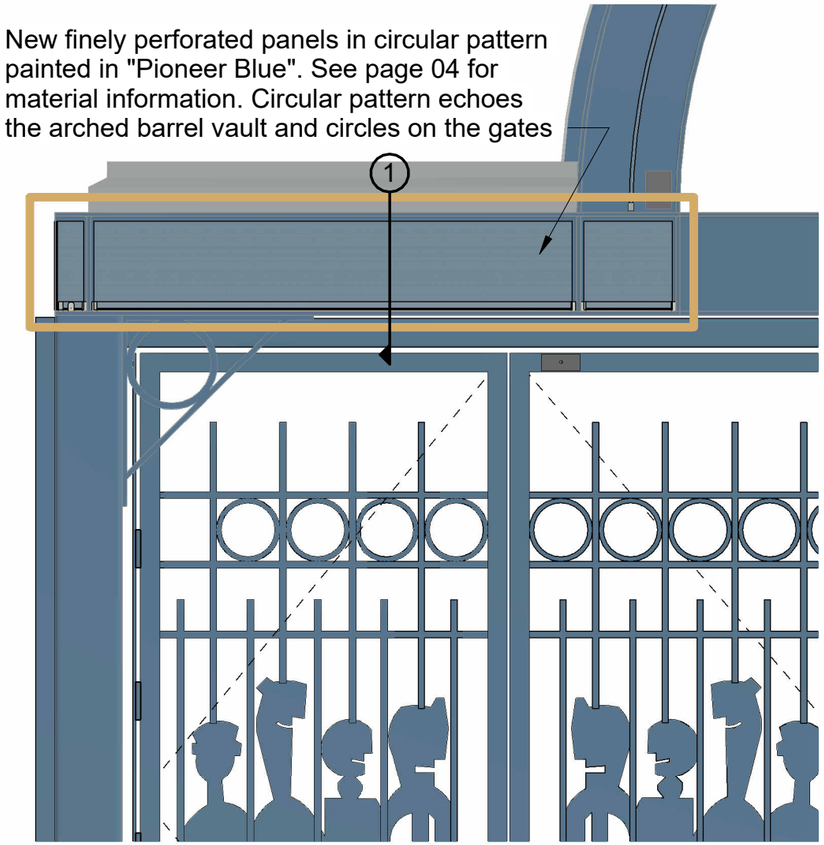
SOUNDTRANSIT Tiscareno

Proposed and Detail

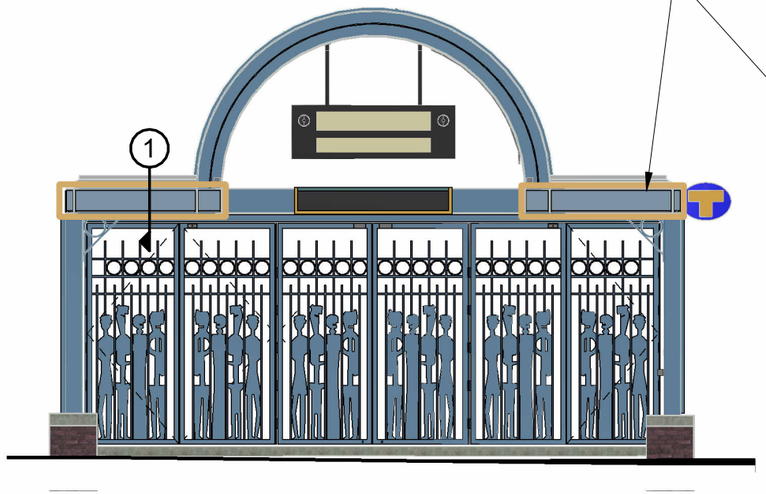
Exterior Security | I-Beam (Option 1 - Custom Panel) A4

Historic Preservation Board | PSS Prefontaine Headhouse | December 19, 2025 22

New finely perforated panels in circular pattern painted in "Pioneer Blue". See page 04 for material information. Circular pattern echoes the arched barrel vault and circles on the gates

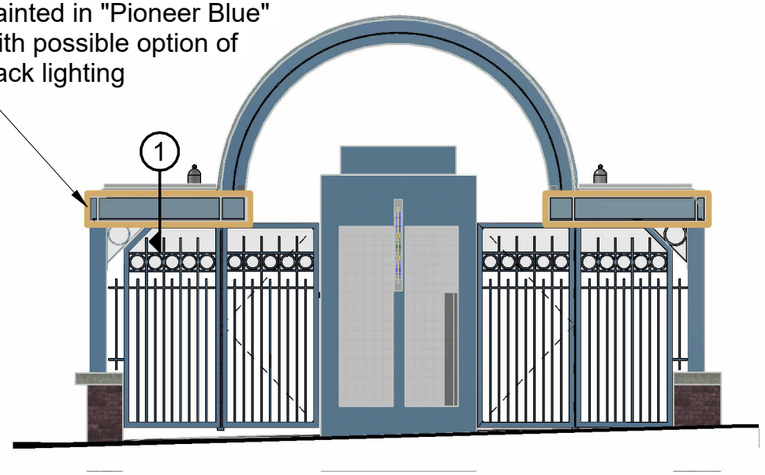


PROPOSED ELEVATION - OPTION 2 2ND AVE INFILL

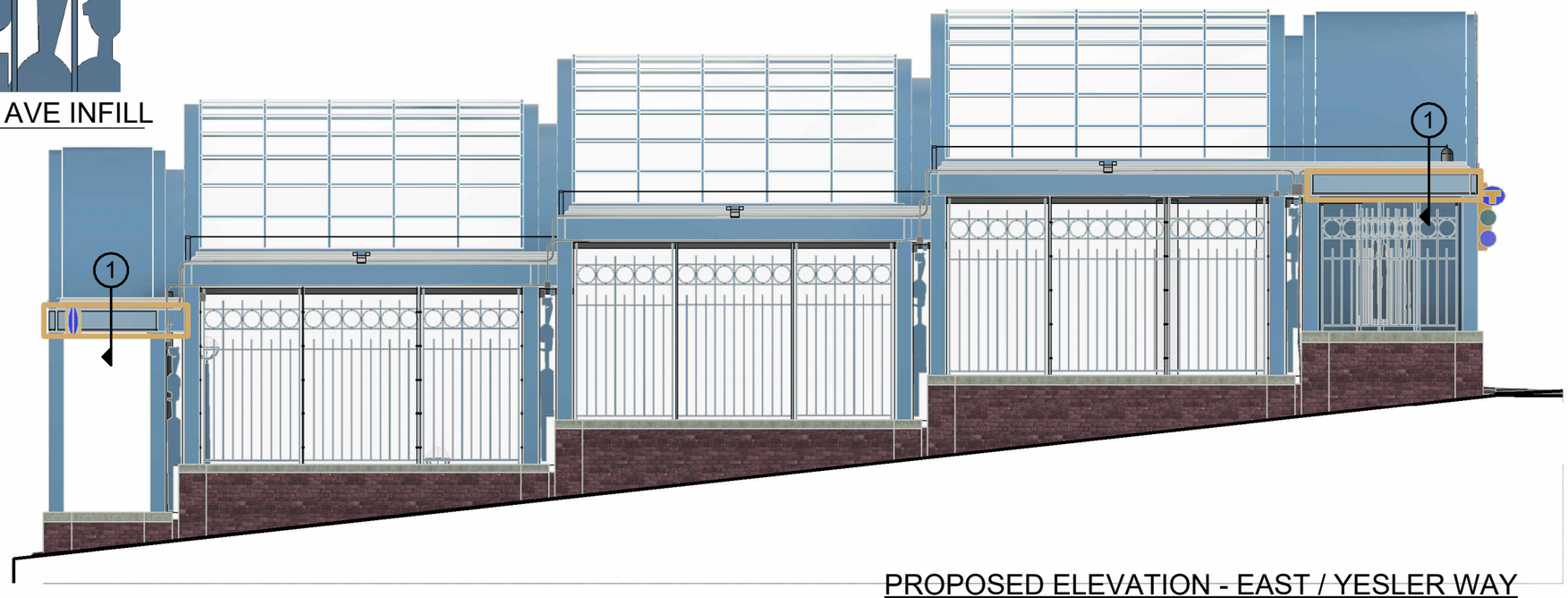


PROPOSED ELEVATION - 2ND AVE / PUBLIC ART ENTRY

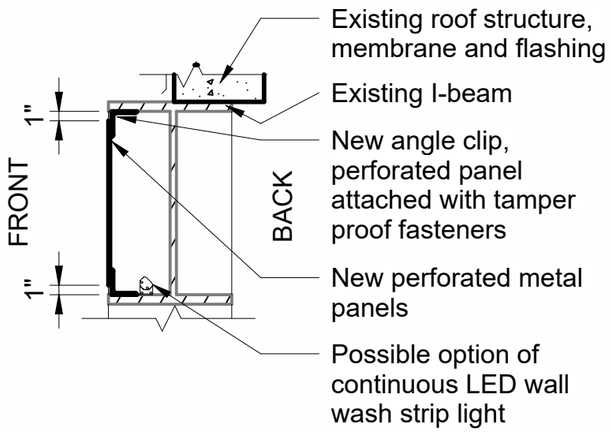
New finely perforated panels painted in "Pioneer Blue" with possible option of back lighting



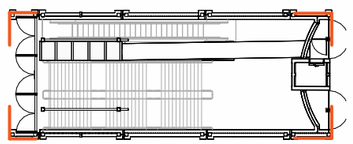
PROPOSED ELEVATION - 3RD AVE / ELEV ENTRY



PROPOSED ELEVATION - EAST / YESLER WAY



SECTION DETAIL - INFILL AT I BEAM



SOUNDTRANSIT Tiscareno

Proposed and Detail

I-Beam (Option 2 - Perforated Panel) A4

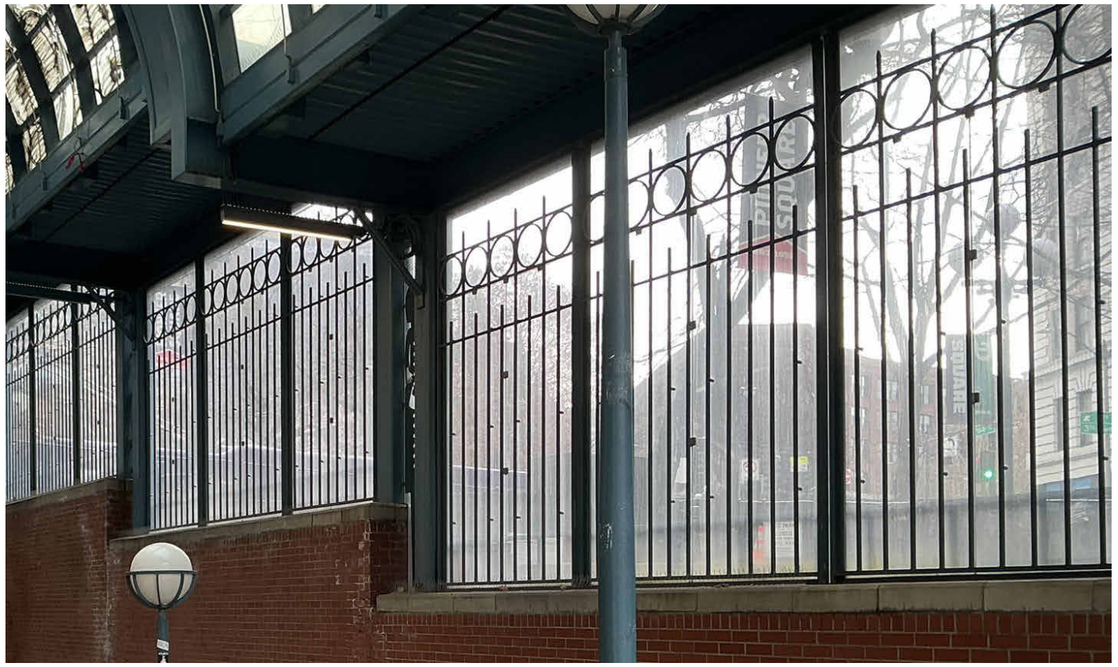
Design Options

Vetical Elements

EXISTING FACADE - WEST

Reflection reduces visibility into the headhouse

Frame around plexi adds bulk to facade



Horizontal conduit attachment

EXISTING CONDUITS

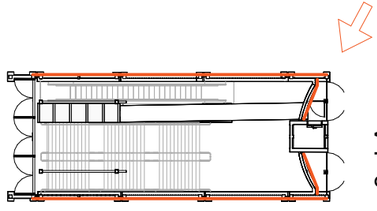
Reflections obscure artwork

EXISTING ART BETWEEN COLUMNS

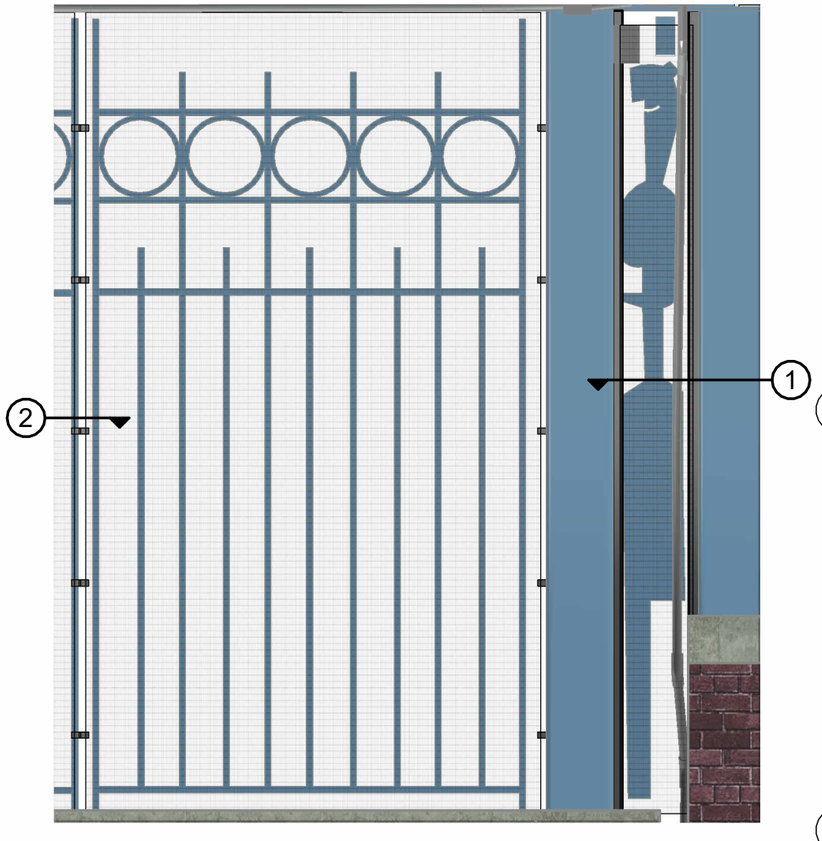
SoundTransit

Tiscareno

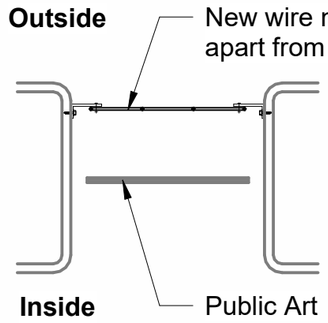
2nd Ave



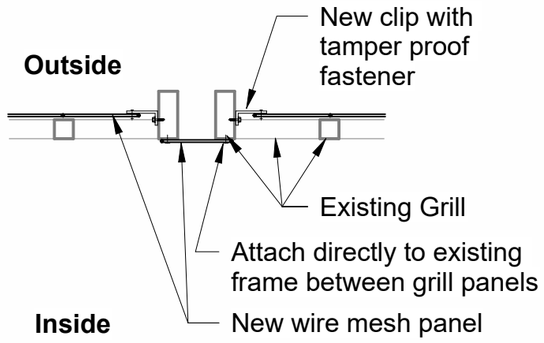
3rd Ave



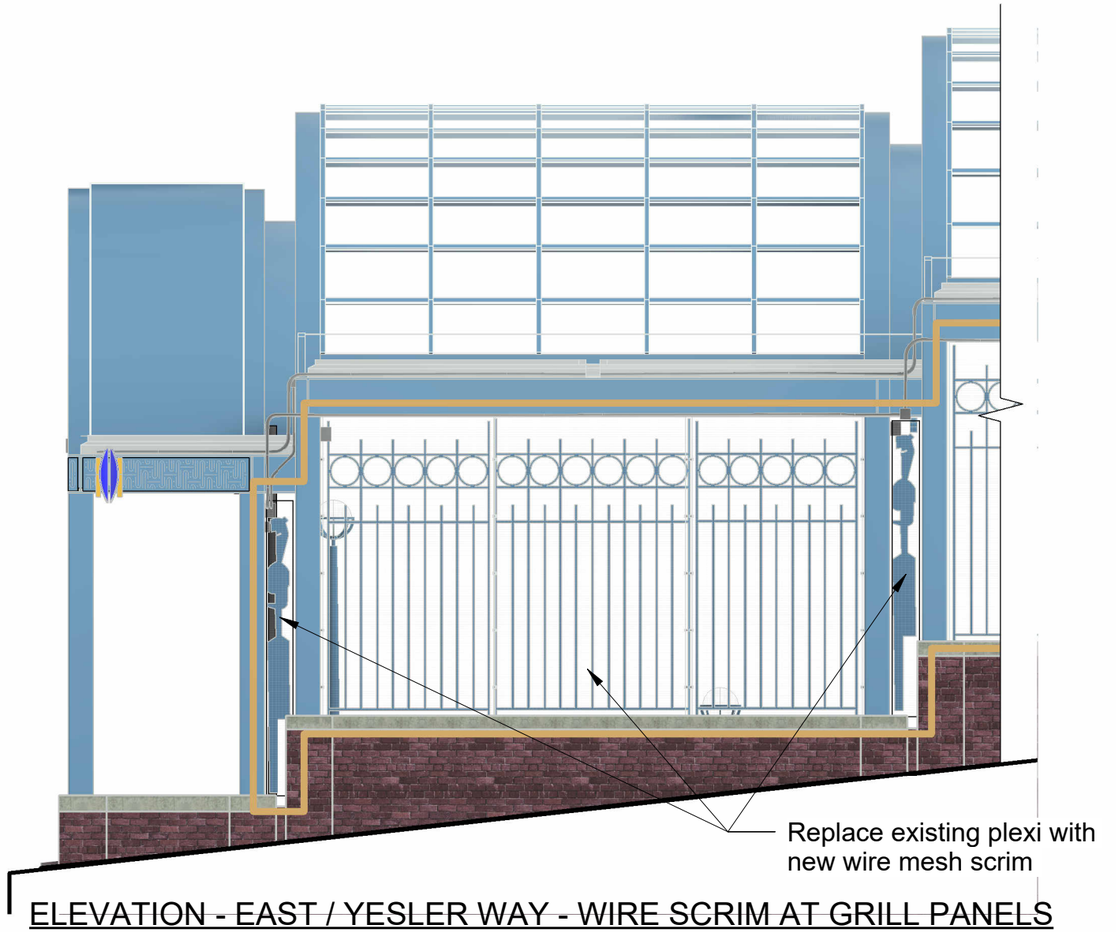
ENLARGED ELEVATION - GRILL WITH SCRIM



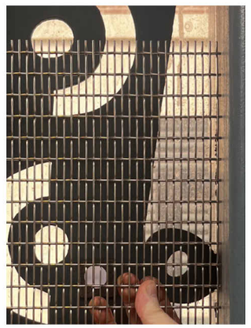
1 PLAN DETAIL - AT COLUMNS



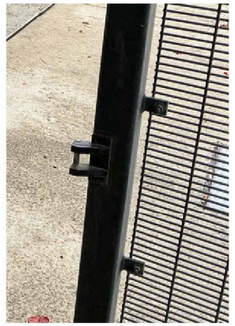
2 PLAN DETAIL - AT GRILL



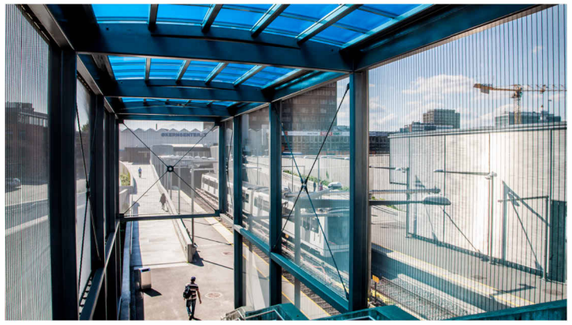
ELEVATION - EAST / YESLER WAY - WIRE SCRIM AT GRILL PANELS



PRODUCT SAMPLE ON SITE
Stainless steel wire mesh



CLIP EXAMPLE
Clip attachment



METAL SCRIM PROJECT EXAMPLE
Transparency of scrim allows for highlighting the station structure

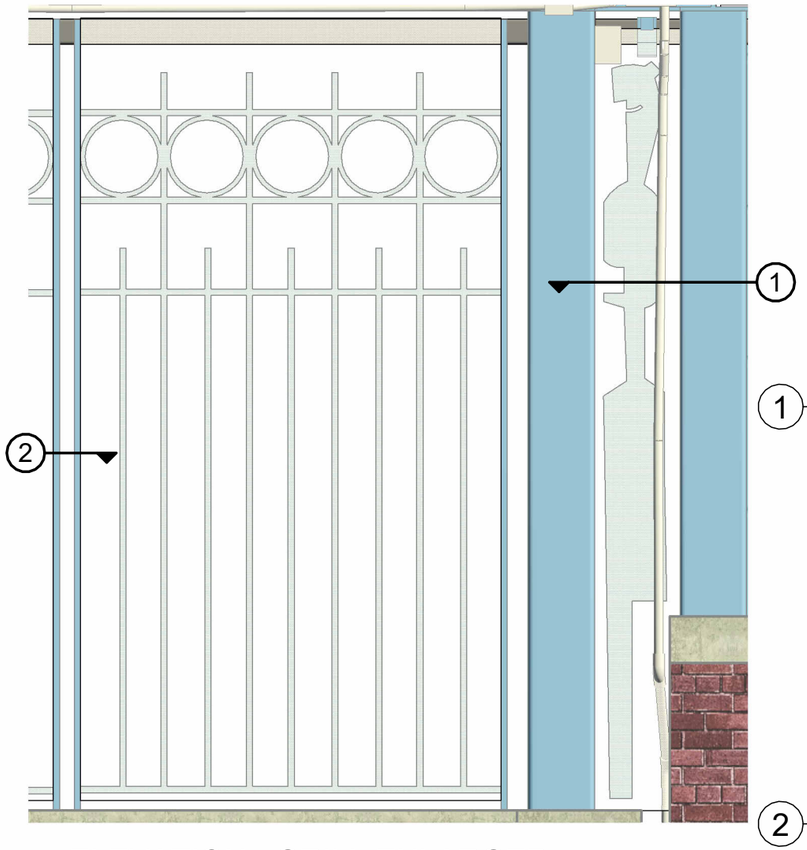
Option 3 - Wire Mesh Scrim
Material: Stainless Steel (unpainted)
Pattern: Simple rectangular 64% open

Replace the existing plexi glass with a stainless steel mesh to create a scrim around the existing structure. The scrim would provide a non-reflective view into the headhouse and highlight the existing structure and artwork while preventing objects from falling into the headhouse.

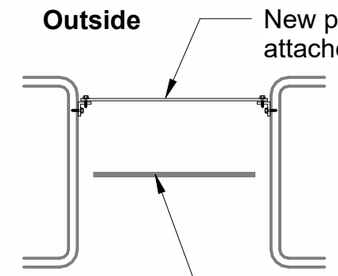
Advantages:
- Minimal / scrim like expression
- Emphasizes existing grillwork and public art
- Does not produce reflection
- 76.9% open has a transparent and open feel
- Less prone to get tagged due to openness
- Clip attachment allows more transparency than a frame
- Contrast with main structure color
- Easiest option for maintenance

Disadvantages:
- Not a solid panel, small items could be pushed thru mesh
- Least effective at preventing rain from entering the station

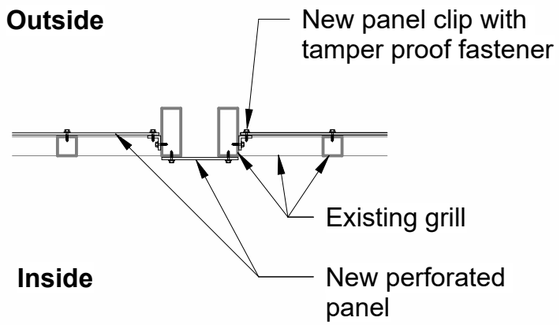
Preferred Option - Stainless Steel Mesh Scrim



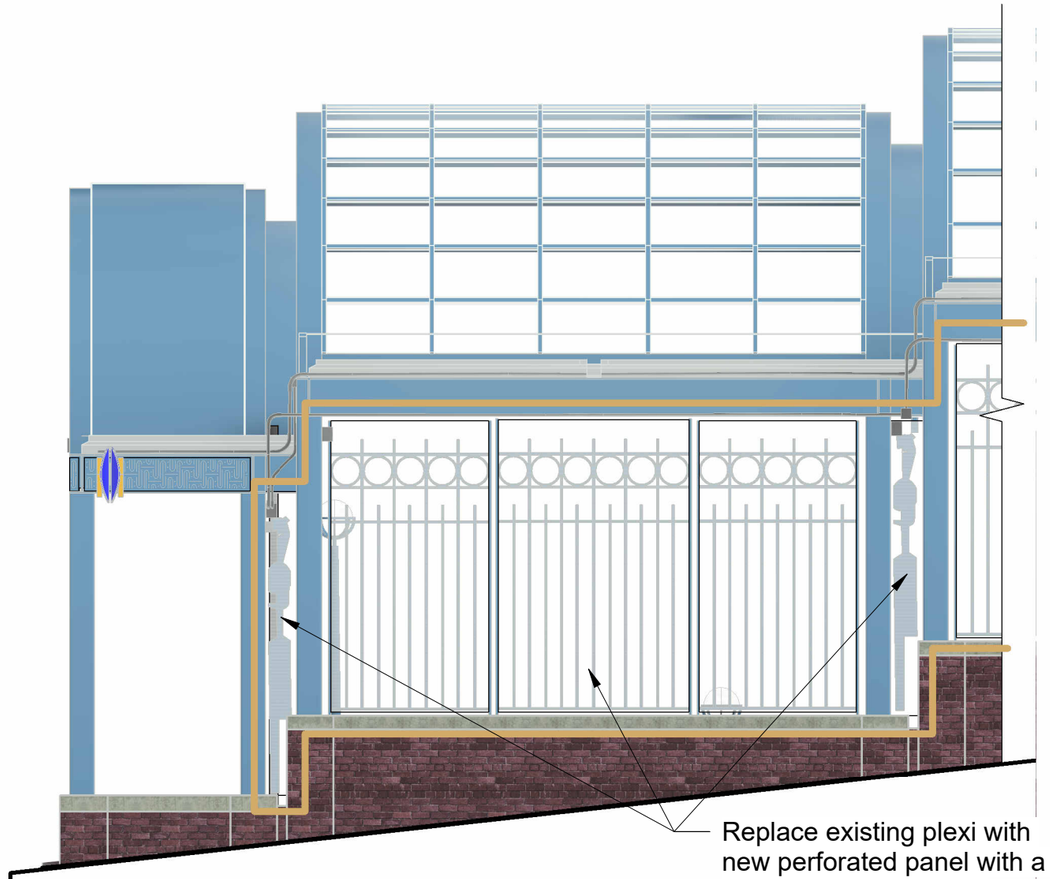
ELEVATION - GRILL ENLARGED



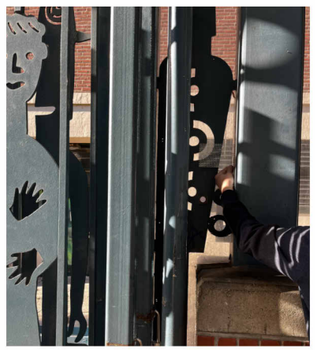
1 PLAN DETAIL - AT COLUMNS

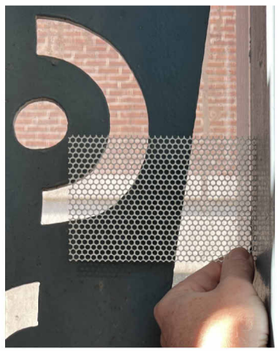


2 PLAN DETAIL - AT GRILL



ELEVATION - EAST / YESLER WAY - OPEN PERF PANELS





PRODUCT SAMPLE ON SITE
Stainless steel 63% open perforated panel

PROJECT EXAMPLES
Fine pattern of perforated metal panel allows for view of existing structure

Option 4 - Perforated Panel
Material: Stainless Steel (unpainted)
Pattern: Fine perforation pattern
5/32" Dia 3/16" Ctrs. 63% open

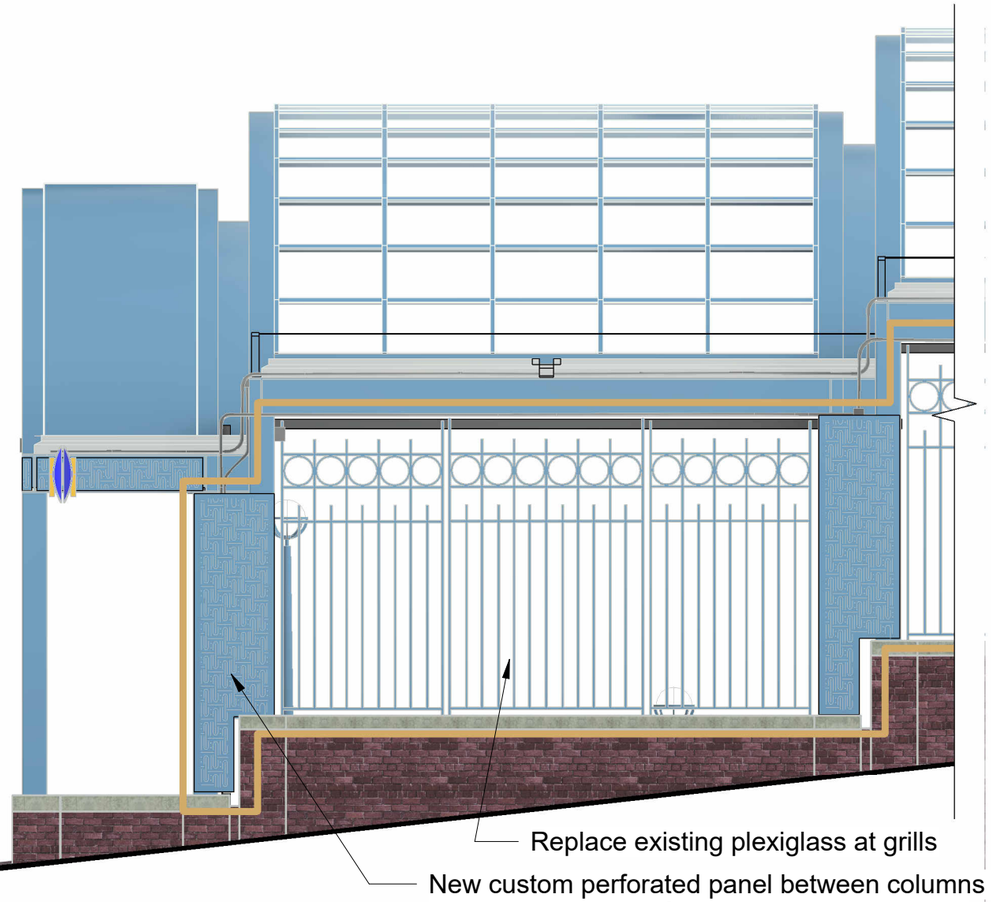
Replace the existing plexi glass with a finely perforated panel. the panels would provide a non-reflective view into the headhouse and highlight the existing structure and artwork while preventing objects from falling into the headhouse.

Advantages:
- Reflection does not obscure public art
- Contrasting color emphasizes public art
- 63% open perforation has a transparent feel
- Not climbable material
- Prevents majority of items from being dropped into stair lobby
- Stops some rain from entering the headhouse

Disadvantage:
- More prone to show graffiti than wire mesh
- Does not prevent rain from entering the station

PROPOSED FACADE - EAST / YESLER WAY

New custom perforated panels with a possible option to add integrated lighting



Replace existing plexiglass at grills

New custom perforated panel between columns with the possibility of added integrated lighting

PROPOSED ELEVATION - EAST / YESLER WAY

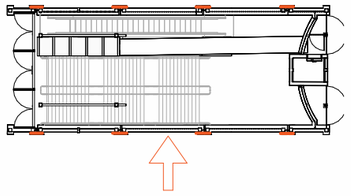
Option 2 - Infill Panels and Replaced Plexiglass at Grills
Proposed solution to prevent unauthorized roof access is to remove and obscure existing horizontal elements that act as climbing aids. The project proposes to install custom perforated panels on the exterior of the structure. These panels are specifically designed to cover horizontal attachments for conduit, which will significantly reduce climbability and deter unauthorized entry. Beyond their crucial function, these panels will be designed to complement the station's architectural aesthetic and will incorporate provisions for a possible option to include integrated ambient backlighting to improve visibility and safety at night. These measures are intended to create a robust barrier against unauthorized roof access, protecting the structure while enhancing its visual appeal.

Advantages:
- Custom perforated panels cover all externally mounted conduit
- Plexi on the grills remains the same
- Back lighting would highlight people art inside of the station

Disadvantages:
- Could be prone to tagging
- Custom pattern could add costs
- Hides the original structure
- People art would not be as visible on the exterior

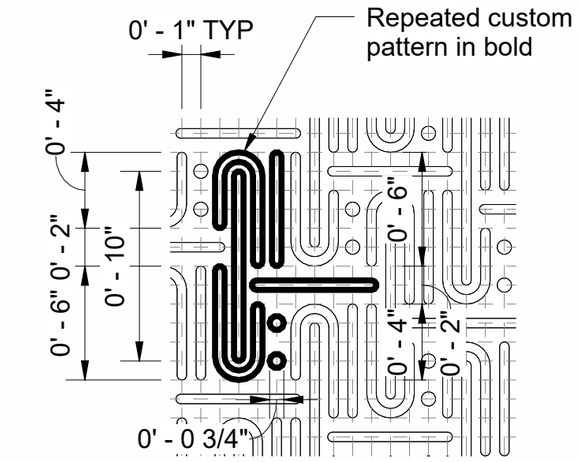
SOUNDTRANSIT Tiscareno

2nd Ave

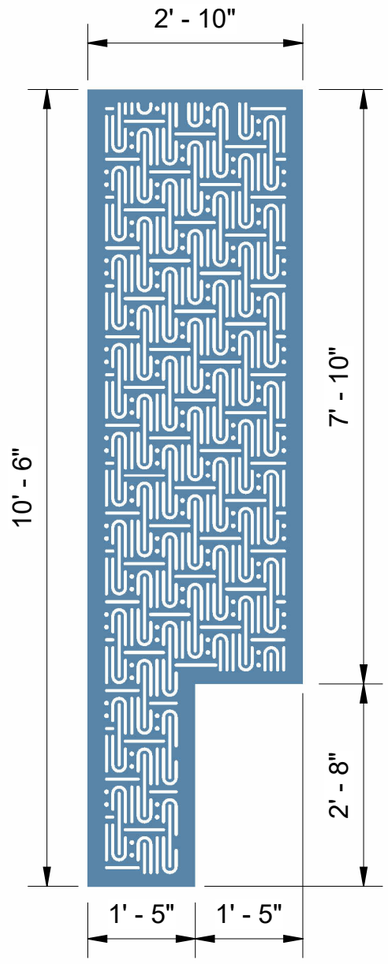


3rd Ave

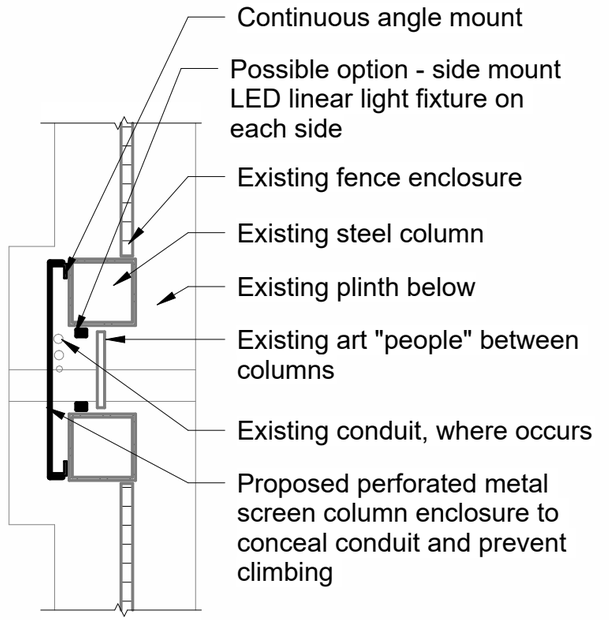
PROPOSED



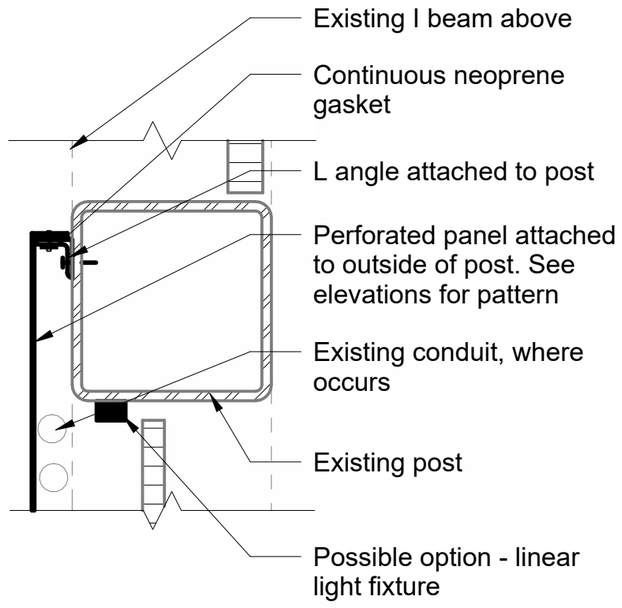
4 PATTERN DETAIL - VERTICAL PERF



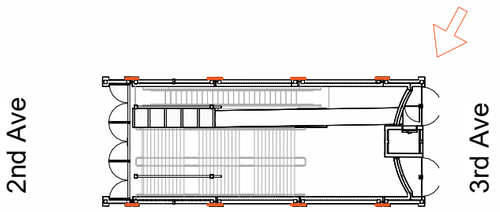
2 CUSTOM VERTICAL PANEL



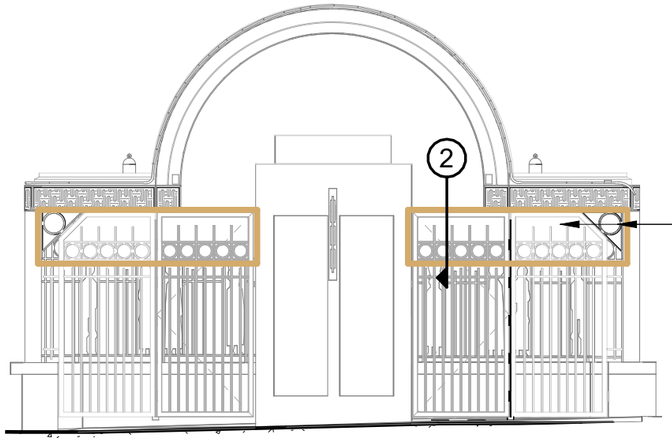
3 PLAN DETAIL - VERTICAL INFILL PANEL



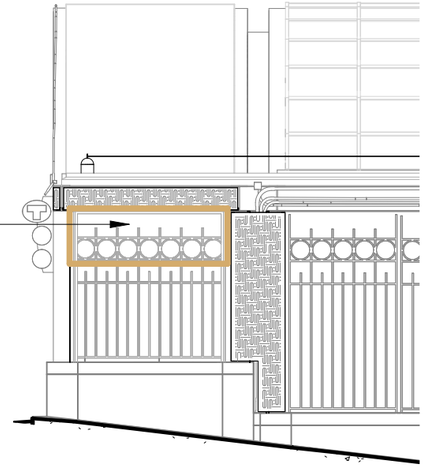
1 DETAIL - PANEL CONNECTION AT POSTS

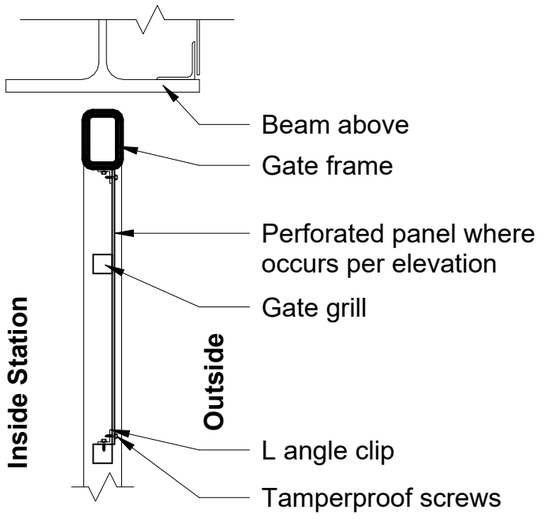


SOUNDTRANSIT Tiscareno



Light-colored stainless steel anti-climb panel to match plinth cover.
No acrylic glass panel below.



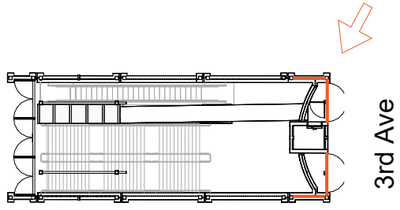


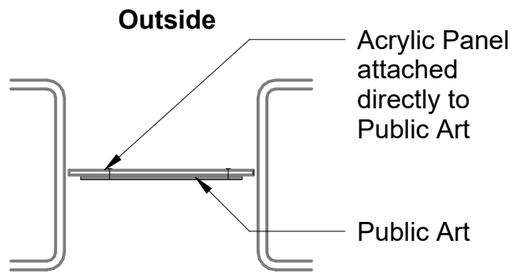
2 GATE INFILL PANEL

PROPOSED ELEVATION - 3RD AVE / ELEV ENTRY - ALT INFILL PANELS

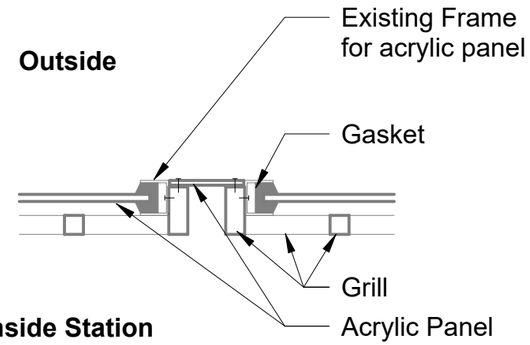
WEST / JEFFERSON ST - NW

Alternate - Anti climb material at top of gate, bracket and upper grill at side of alcove

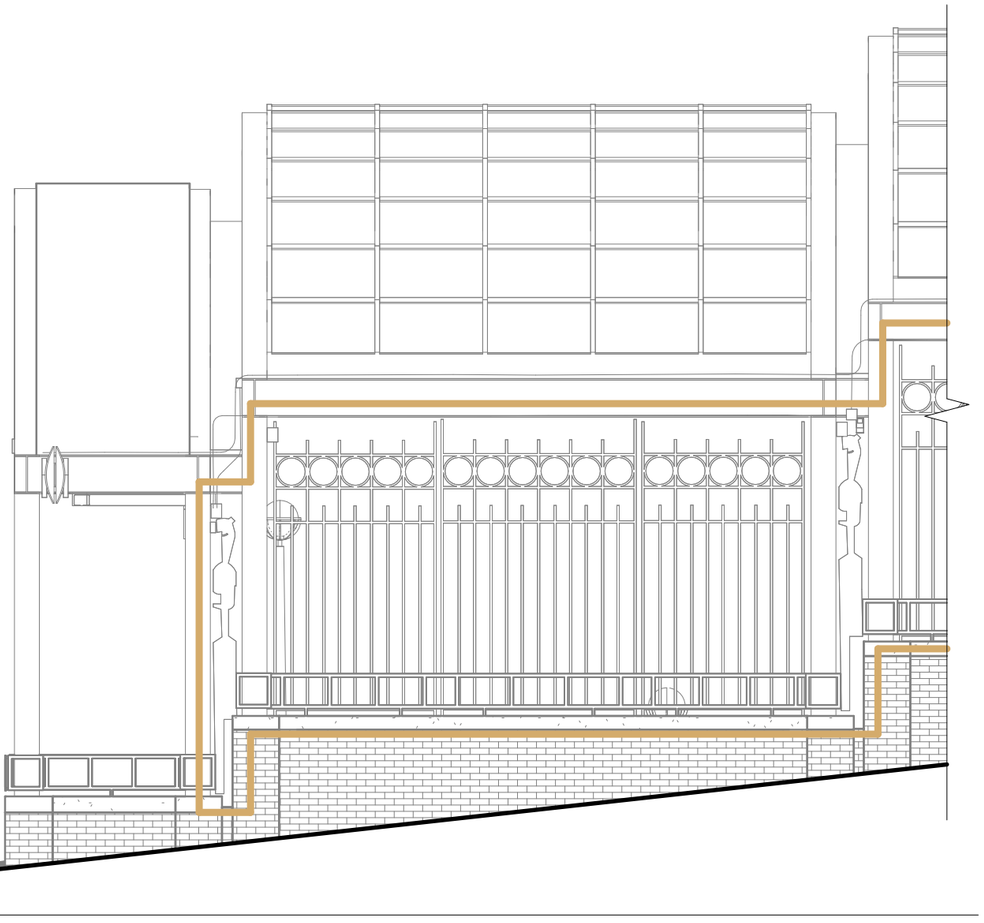




2 ACRYLIC ATTACHMENT AT ART



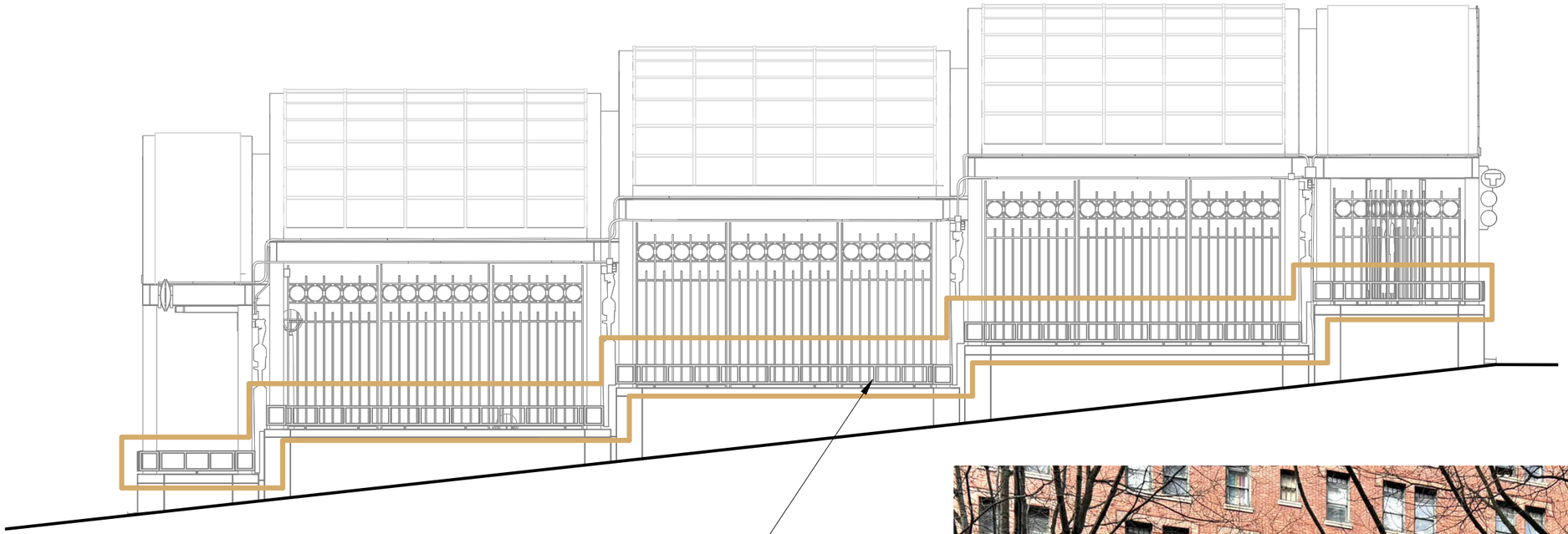
1 ACRYLIC ATTACHMENT AT GRILL



Option 1 - Replace Existing Acrylic
The existing panels are scratched, faded and prone to tagging. From the outside their reflectivity reduces visibility of the metal grillwork and public art. The panels do not appear to be part of the original design design and may have been added to prevent people from dropping items into the station from outside sidewalks. Panels could be replaced with new acrylic in existing frames to provide more clarity. Existing Panels are installed in a gasketed frame attached to the the grillwork. Between the grillwork, acrylic panels are flush to the outside. Between Columns panels are installed directly to the public art.

Advantages:
- Existing condition
- Prevents any size item from being dropped into stair lobby
- Prevents wind blown rain from entering the station
- Allows daylight into station

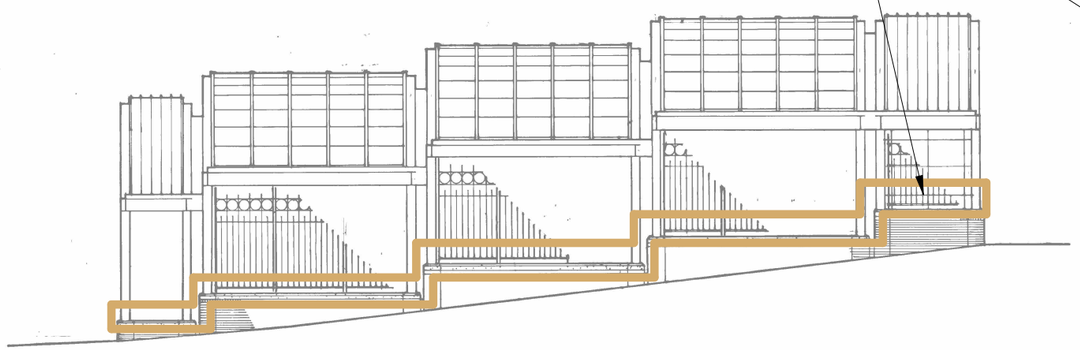
Disadvantages:
- Does not appear to be original. Is not shown on original as-built drawings.
- Reflections obscure public art and view into station
- Prone to tagging
- Gathers dirt along edge of station and inside of plexi
- Dusty interior creates a foggy appearance
- Frame around plexi adds visual bulk to facade



EXISTING ELEVATION - WEST / YESLER WAY

The horizontal ladders which are currently located along the outside ledge of the headhouse were not shown on the original as-built drawings.

A4



ORIGINAL AS-BUILT ELEVATION - WEST / YESLER WAY

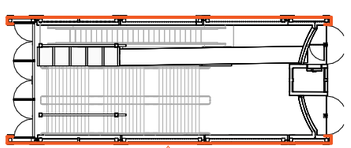
A4 Horizontal ladders

EXISTING FACADE - EAST / YESLER WAY

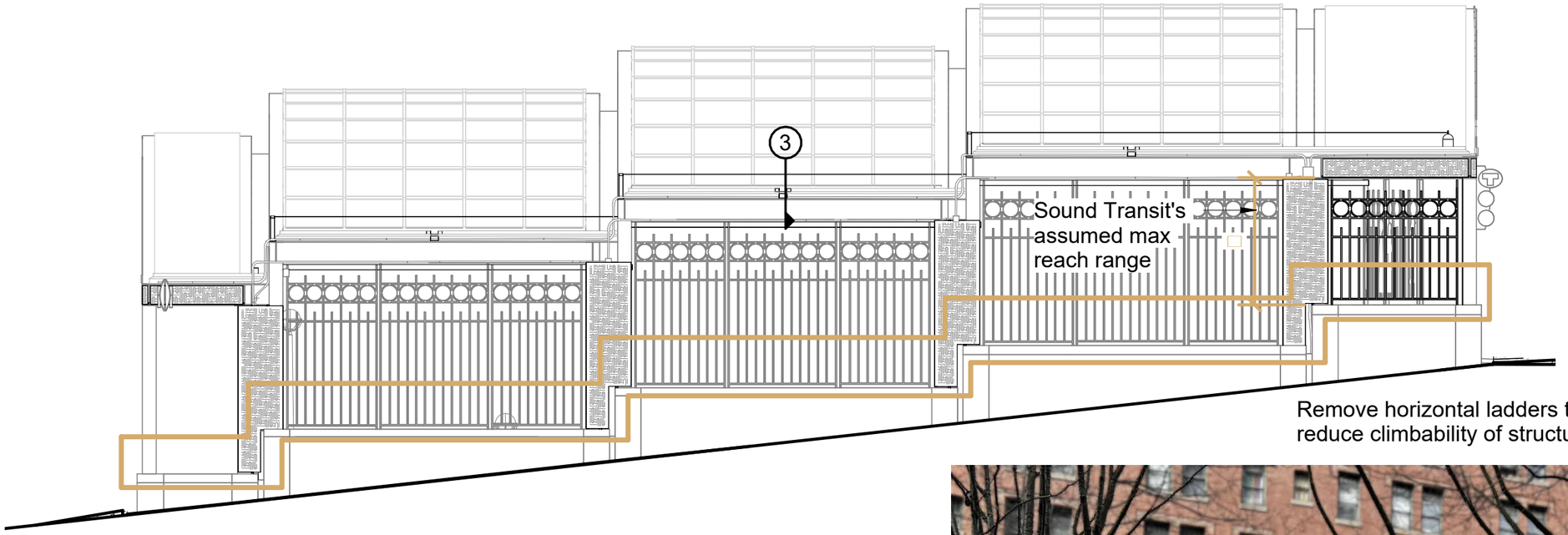
SOUNDTRANSIT

Tiscareno

2nd Ave



3rd Ave



Remove horizontal ladders to
reduce climbability of structure

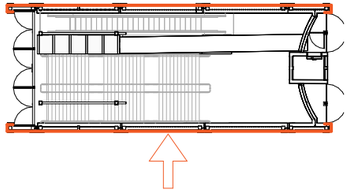
PROPOSED ELEVATION - EAST / YESLER WAY

PROPOSED FACADE - EAST / YESLER WAY

A4 The proposed solution to prevent unauthorized roof access is to remove and obscure existing horizontal elements that act as climbing aids. This includes removing the "horizontal ladder" elements found at the base of columns and grilles, effectively eliminating potential footholds.

SOUNDTRANSIT Tiscareno

2nd Ave



3rd Ave

Design Options

Fall Protection

A5 **Fall Protection - Post and Point Anchors (Preferred Solution)**

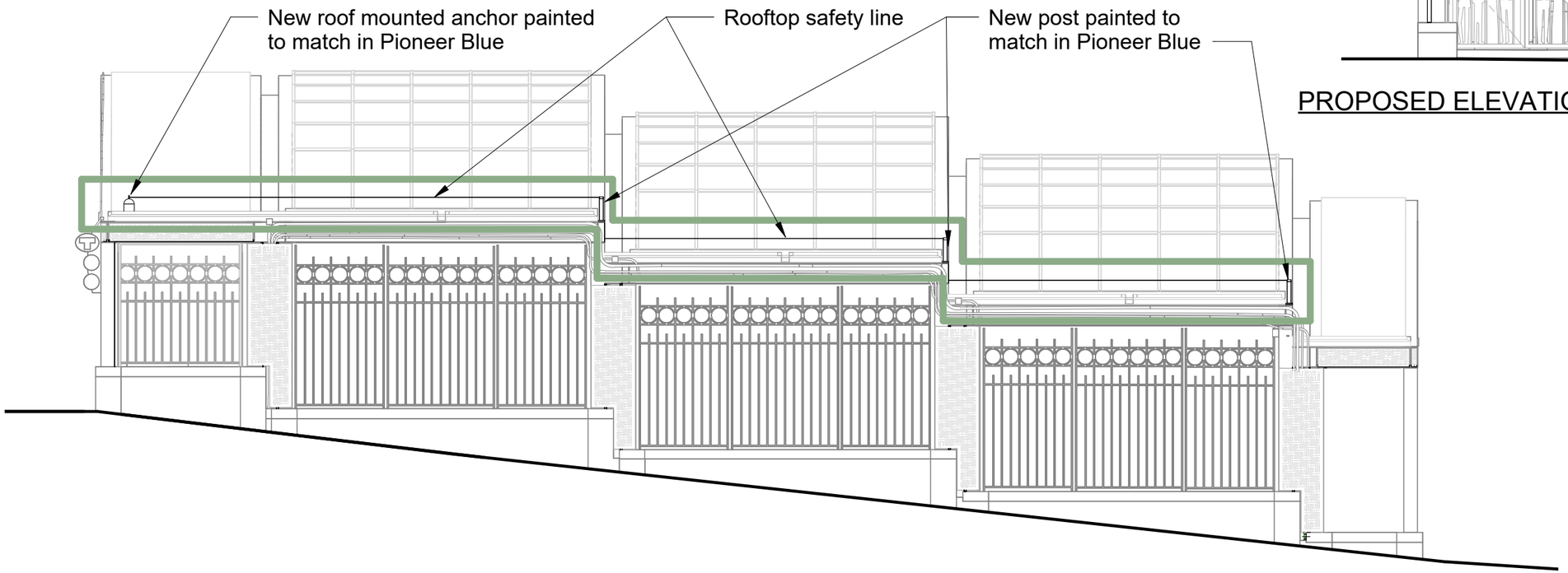
Proposed solution for exterior fall protection is to provide a roof mounted safety line at each level of flat roof for movement along the entire structure and provide safe access for maintenance at the roof drains and standing at the lower levels of the roof. Posts and single point anchors are mounted to the existing beams allowing the roof to remain free of penetrations. A safety line will provide ease of access and movement for maintenance personnel without significant visual impact or change to the structure. Single point connection anchors are proposed to be added along the steel structure of the barrel vault for tie offs that will allow limited access to the upper part of the roof as necessary, again these are proposed to keep the visual impact to the structure low.

Advantages:

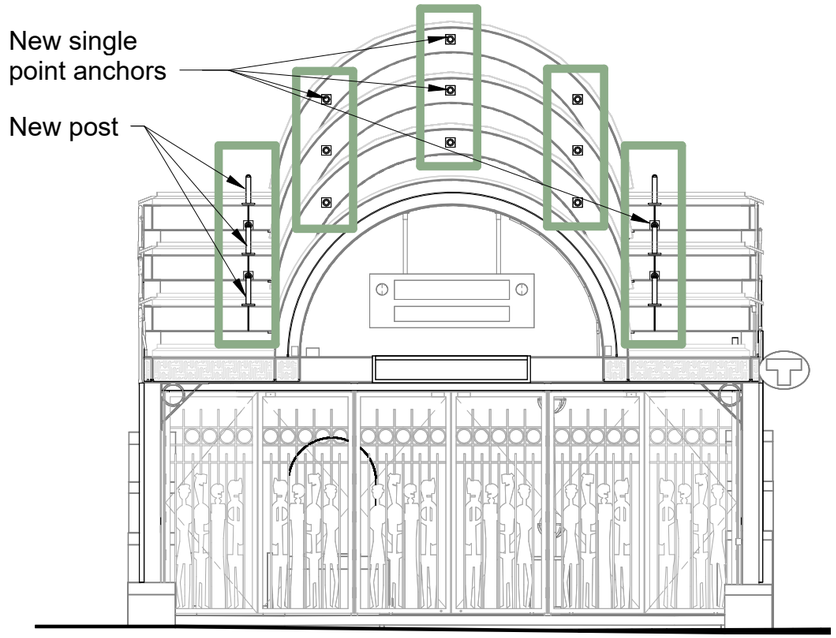
- Minimal penetration of the roof allows for easier install and rooftop maintenance
- Reduced potential for leaks due to minimal roof penetrations
- Minimal visual impact of overall system
- Reduced visibility from 3rd Ave, where there's easy access to the underside of the roof
- Fall protection cables extend full length of the roof sections, increasing effectiveness of the safety system

Disadvantages:

- Front post visible from 2nd Ave

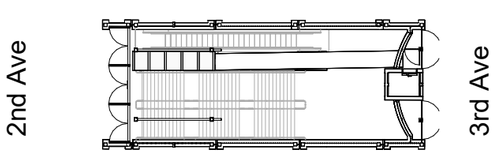


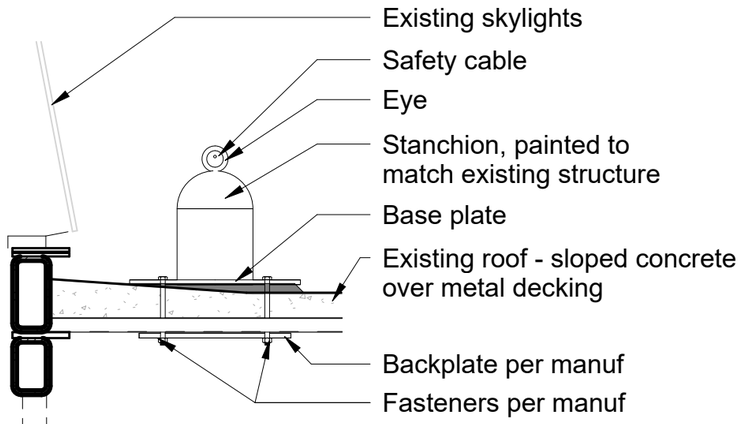
PROPOSED ELEVATION - WEST / JEFFERSON ST



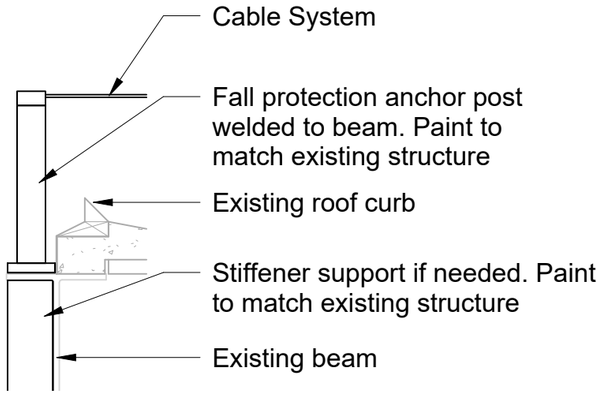
PROPOSED ELEVATION - 2ND AVE / PUBLIC ART ENTRY

SOUNDTRANSIT Tiscareno

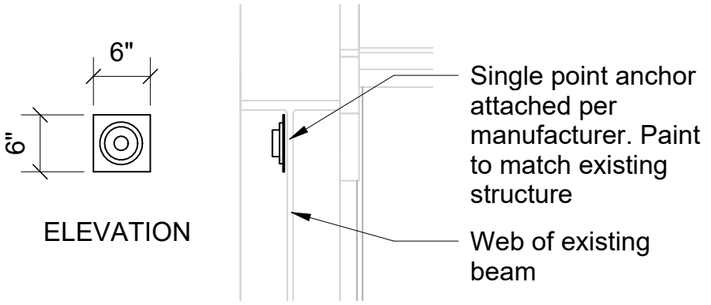




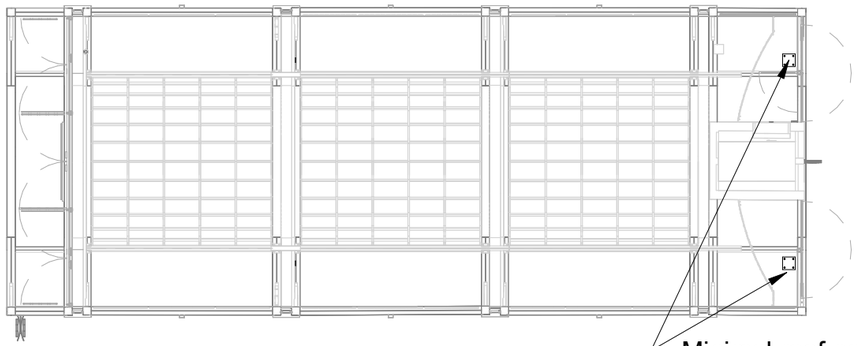
3 SECTION DETAIL - ROOF MOUNTED ANCHOR



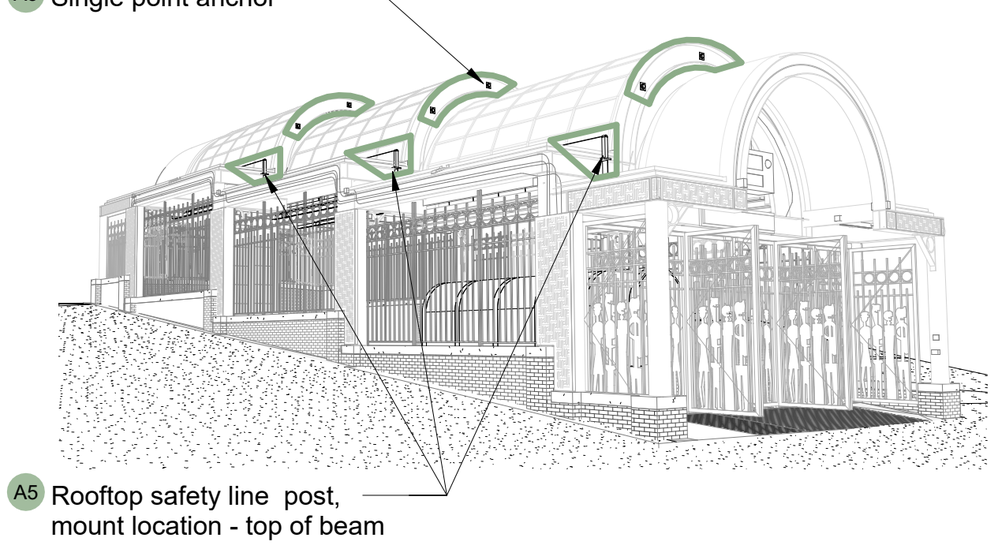
2 SECTION DETAIL - FALL PROTECTION POST

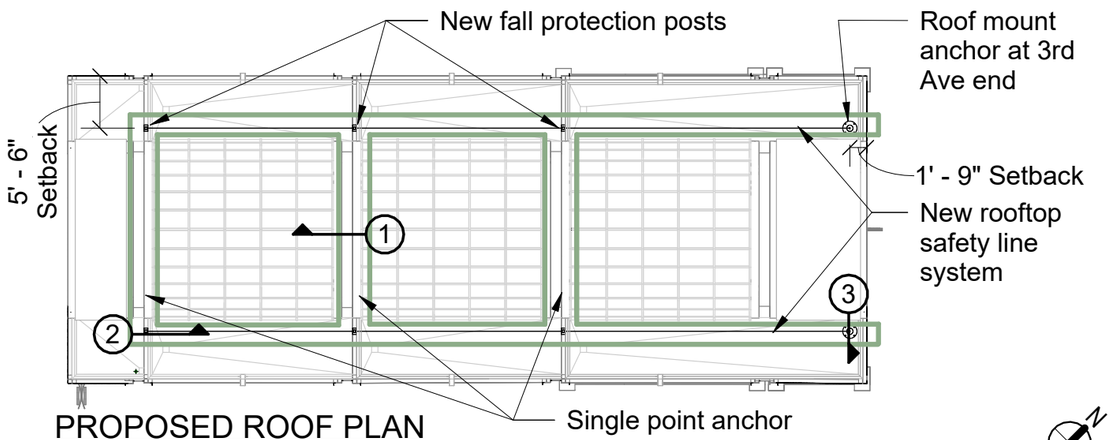


1 SECTION DETAIL - SINGLE POINT ANCHOR

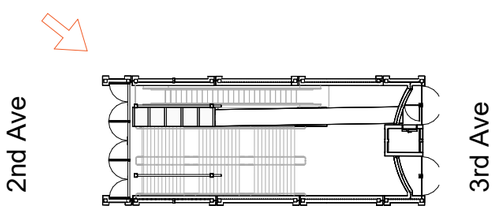


PROPOSED REFLECTED CEILING PLAN





PROPOSED ROOF PLAN



SOUNDTRANSIT Tiscareno

Post and Point Anchor Details (Preferred Option)

A5 **Fall Protection - Roof Mounted Stanchions (Alternate)**

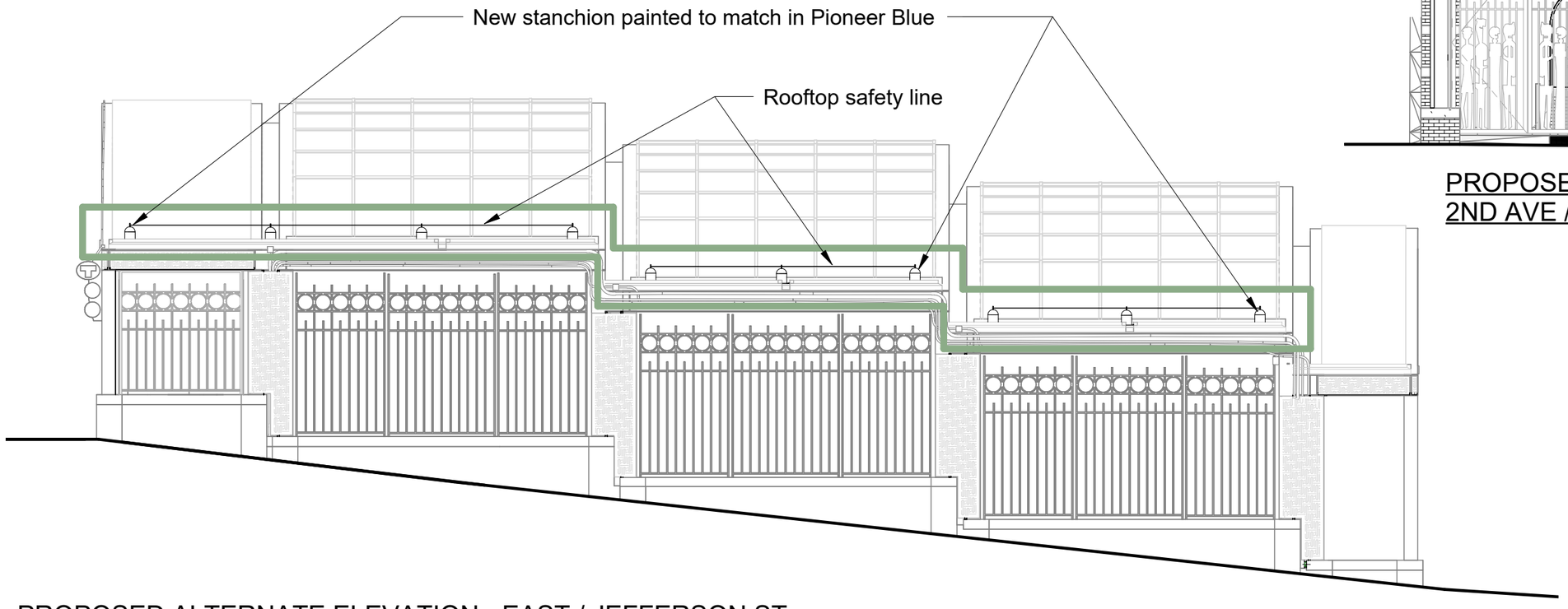
An alternate solution for exterior fall protection is to provide a roof mounted stanchions supporting a safety line at each level of flat roof for movement along the entire structure. Single point connection anchors are to be added along the steel structure of the barrel vault as in the other option.

Advantages:

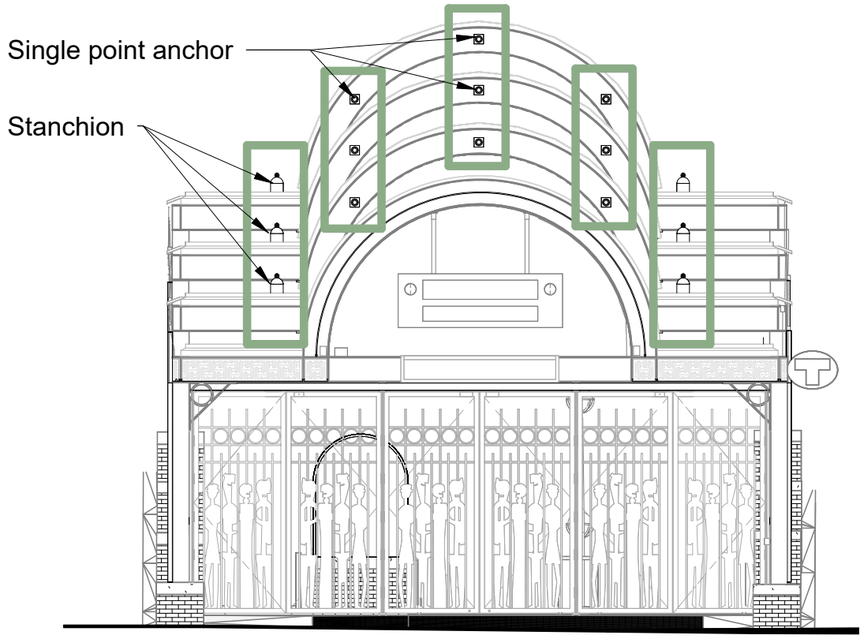
- Less visible than the preferred option

Disadvantages:

- Large number of penetrations required through the roof
- Increased potential for leaks
- Roof maintenance more difficult
- Fall protection cables do not extend the full length of the roof, reducing the effectiveness of the safety system

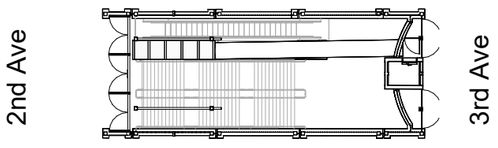


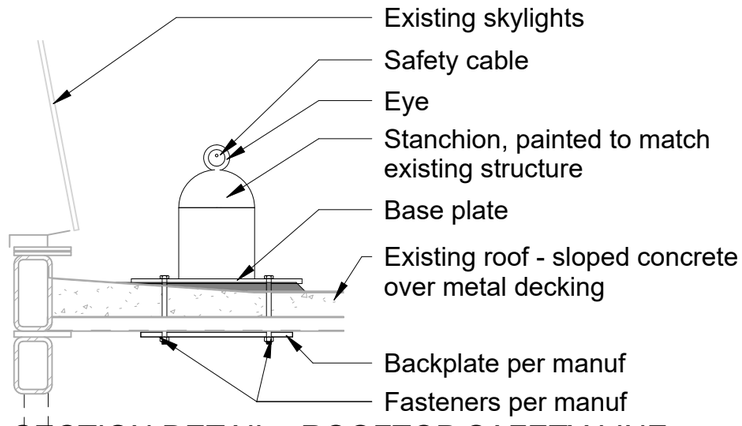
PROPOSED ALTERNATE ELEVATION - EAST / JEFFERSON ST



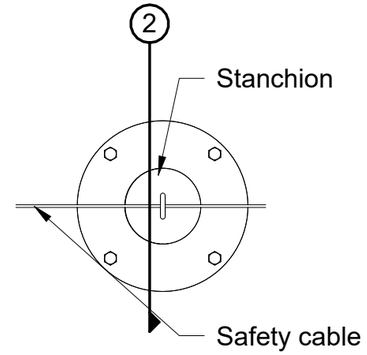
PROPOSED ALTERNATE ELEVATION - 2ND AVE / PUBLIC ART ENTRY

SOUNDTRANSIT Tiscareno





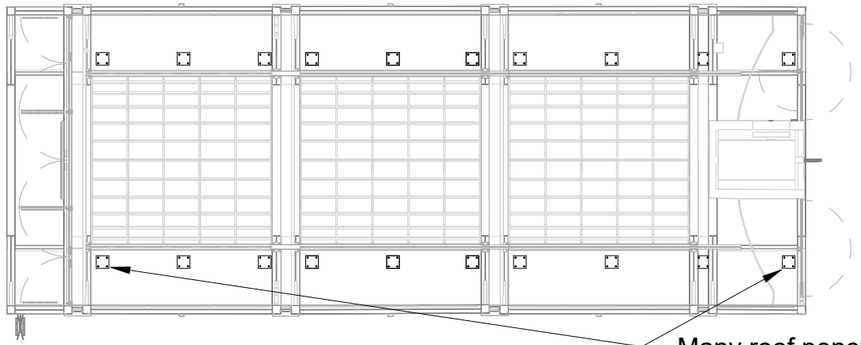
2 SECTION DETAIL - ROOFTOP SAFETY LINE



1 PLAN DETAIL - FALL PROTECTION ANCHOR

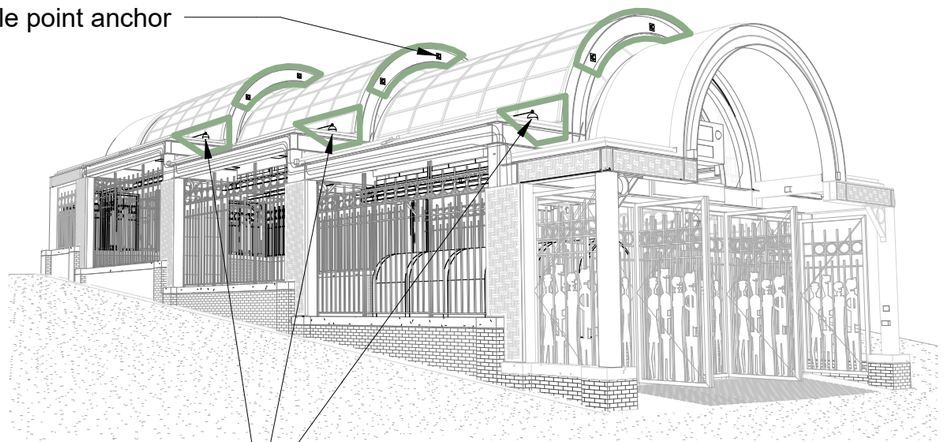
Note: roof anchor system is bidder designed. All engineering, final layout and attachment of system shall be provided by roof anchor manufacturer.

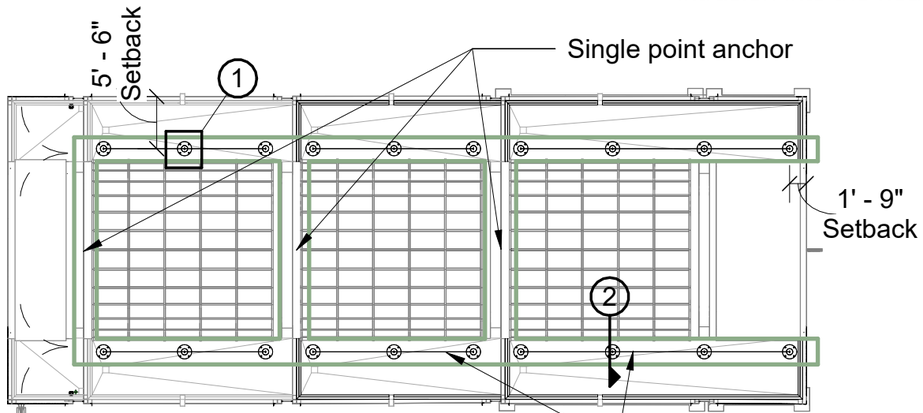
Basis of design anticipates end and intermediate anchors, eyes, pins and intermediate guides, base plates, back plates, cables, tensioners, and travelers.



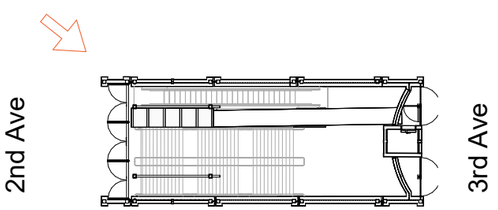
REFLECTED CEILING PLAN

Many roof penetrations at hard to access high ceiling locations increases the possibility of water intrusion into the headhouse



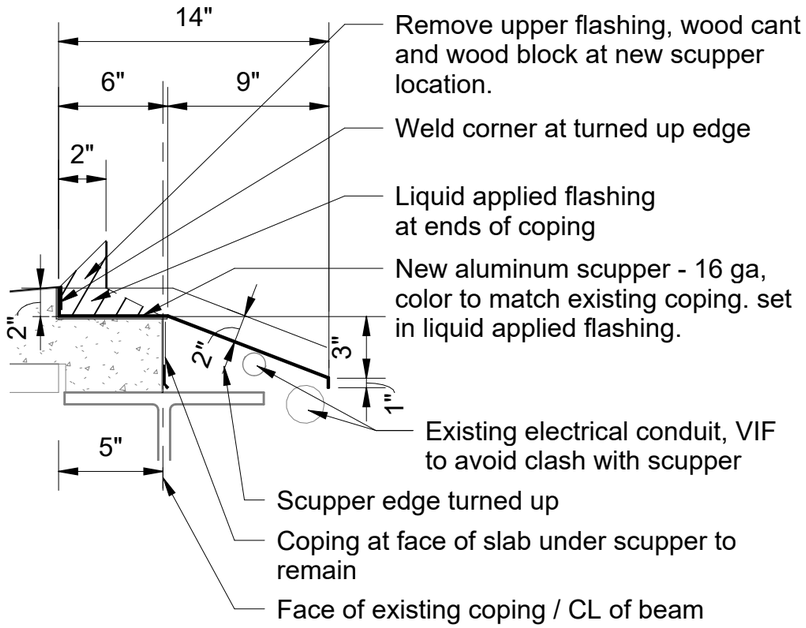


PROPOSED ROOF PLAN - ALTERNATE

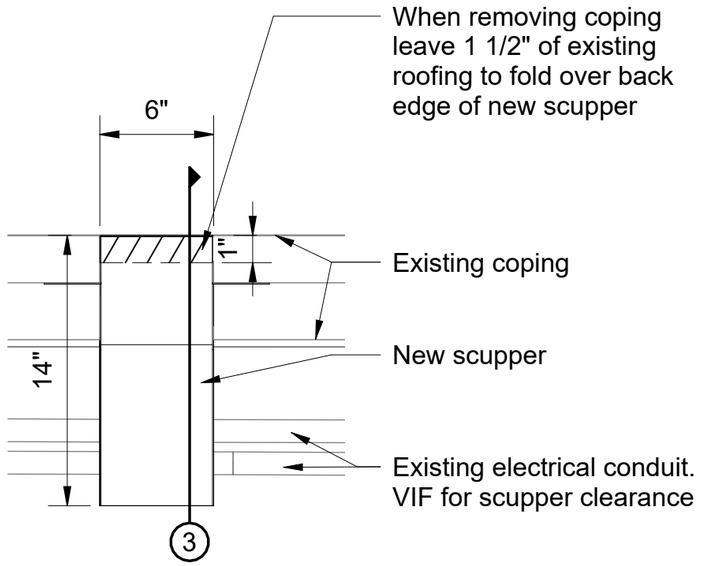


SOUNDTRANSIT Tiscareno

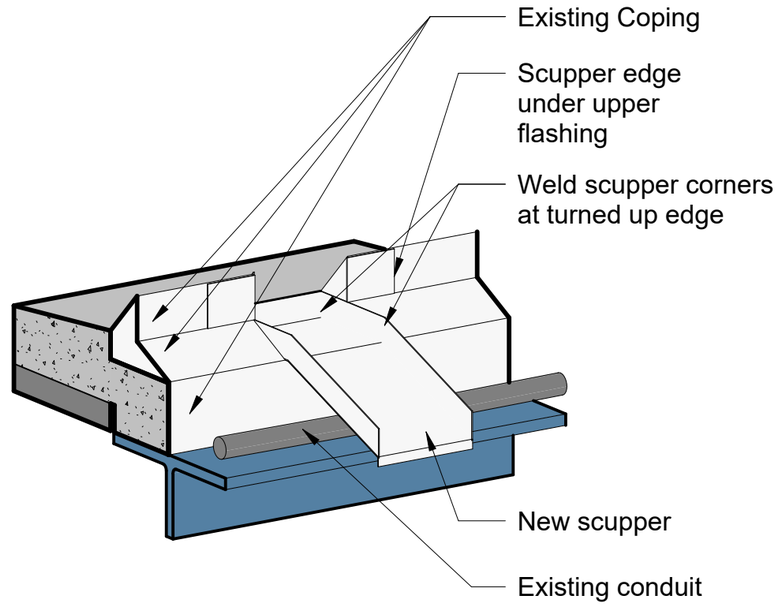
Stanchion Details (Alternate)



3 SECTION DETAIL - SCUPPER

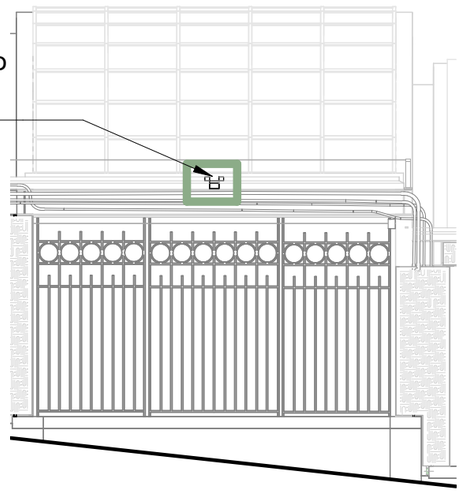


2 PLAN DETAIL - SCUPPER



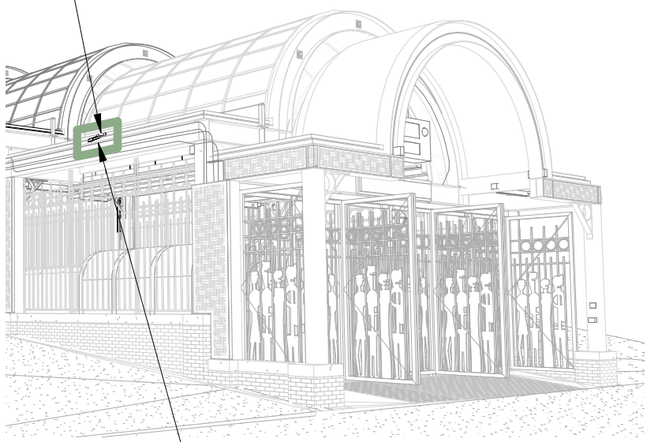
1 3D DETAIL - SCUPPER

Modify existing parapet with new scupper. Paint scupper to match existing structure.

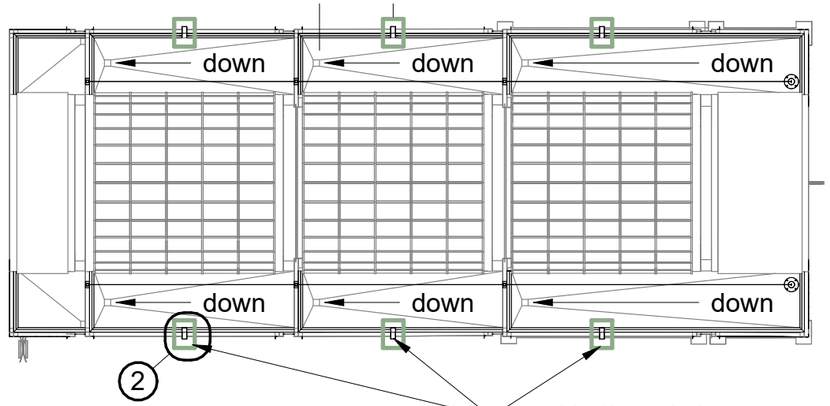


PROPOSED ELEVATION - SCUPPER AT TYPICAL BAY

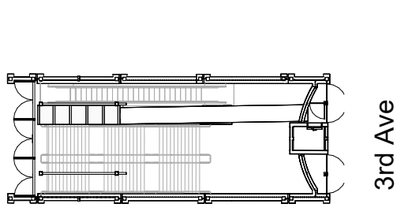
Scupper is intended to be a failsafe to protect the existing headhouse structure. The sucpper is located above the roof drain so water will only fall from the scupper when the drain is clogged.



SCUPPER LOCATED UPSLOPE FROM DRAIN



PROPOSED ROOF PLAN

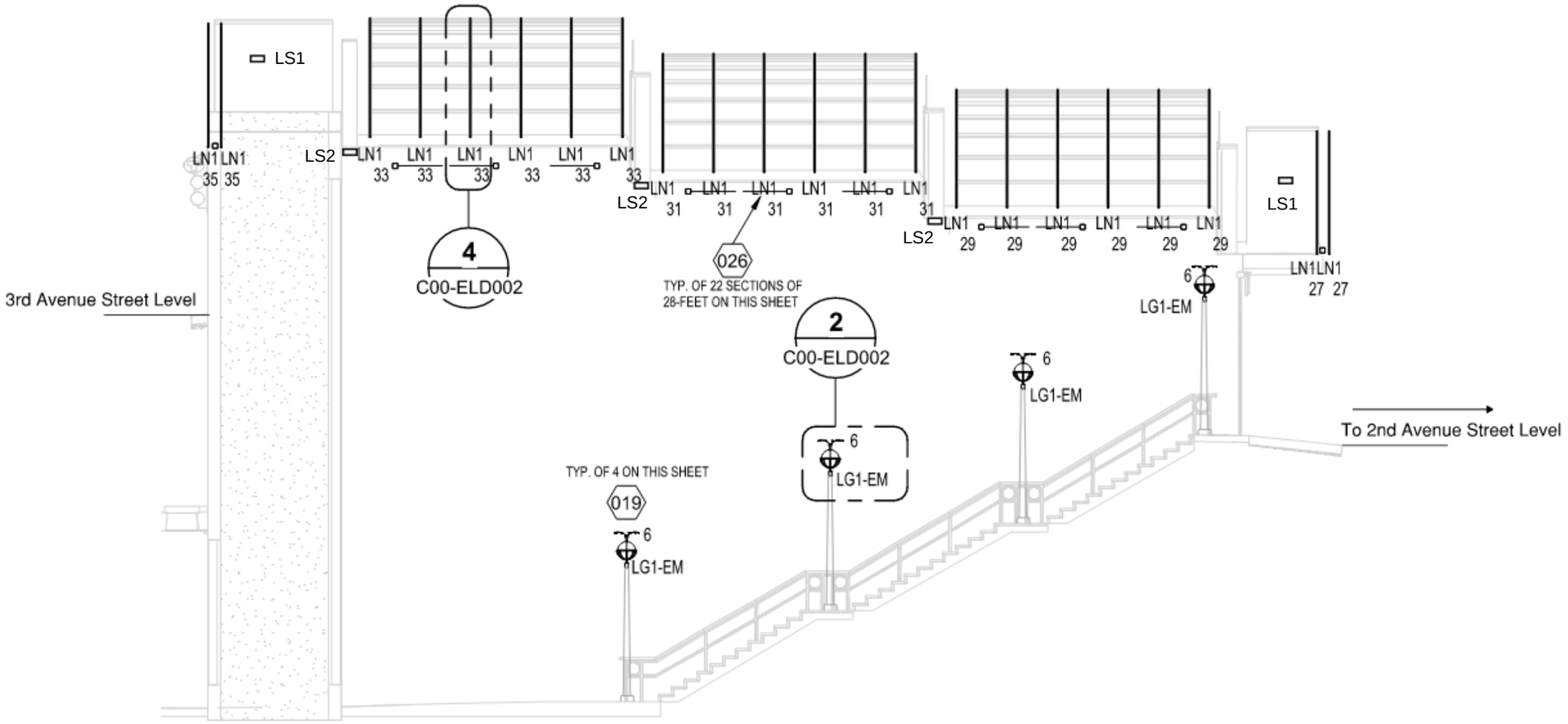


Roof Drainage

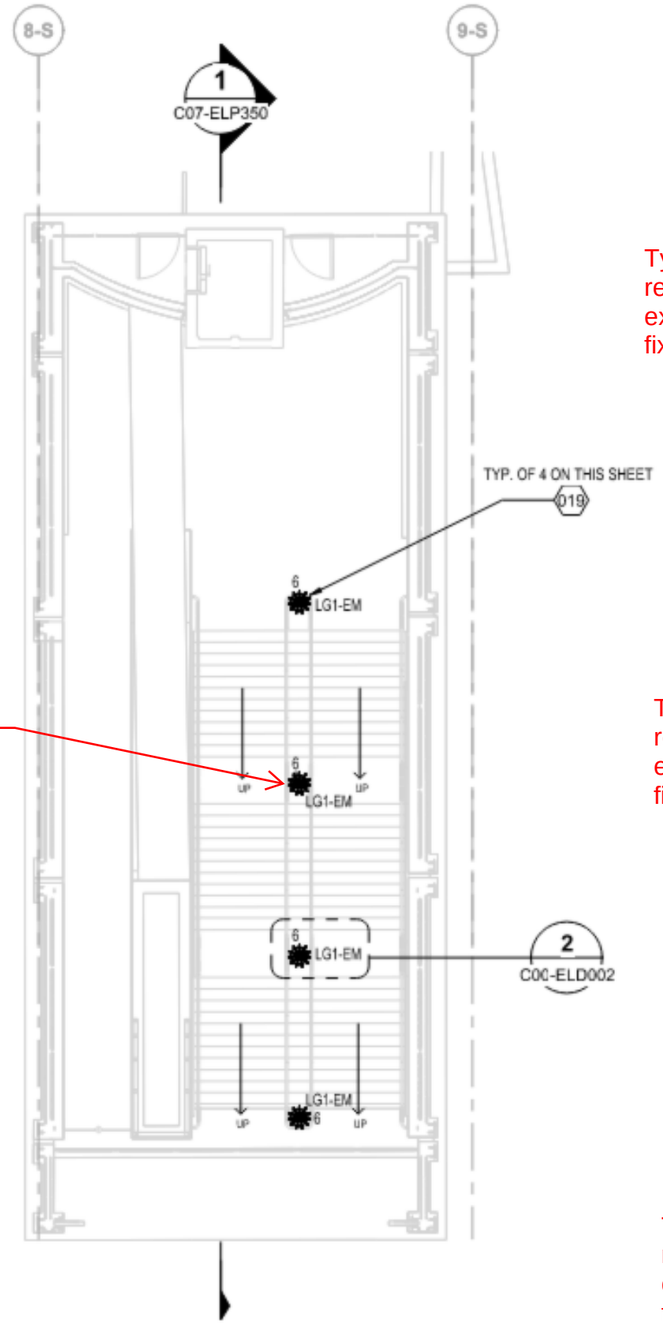
Proposed solution for improving the roof drainage and reduce the water overflow into the building and onto the stairs and escalator is to modify a small section of the parapet, about 6-8" at each flat roof section, to have a scupper. That would allow overflow water from clogged drains to exit the roof perimeter onto the sidewalk before they rise to the level of the glass barrel vault bottom seal.

SOUNDTRANSIT Tiscareno

Lighting

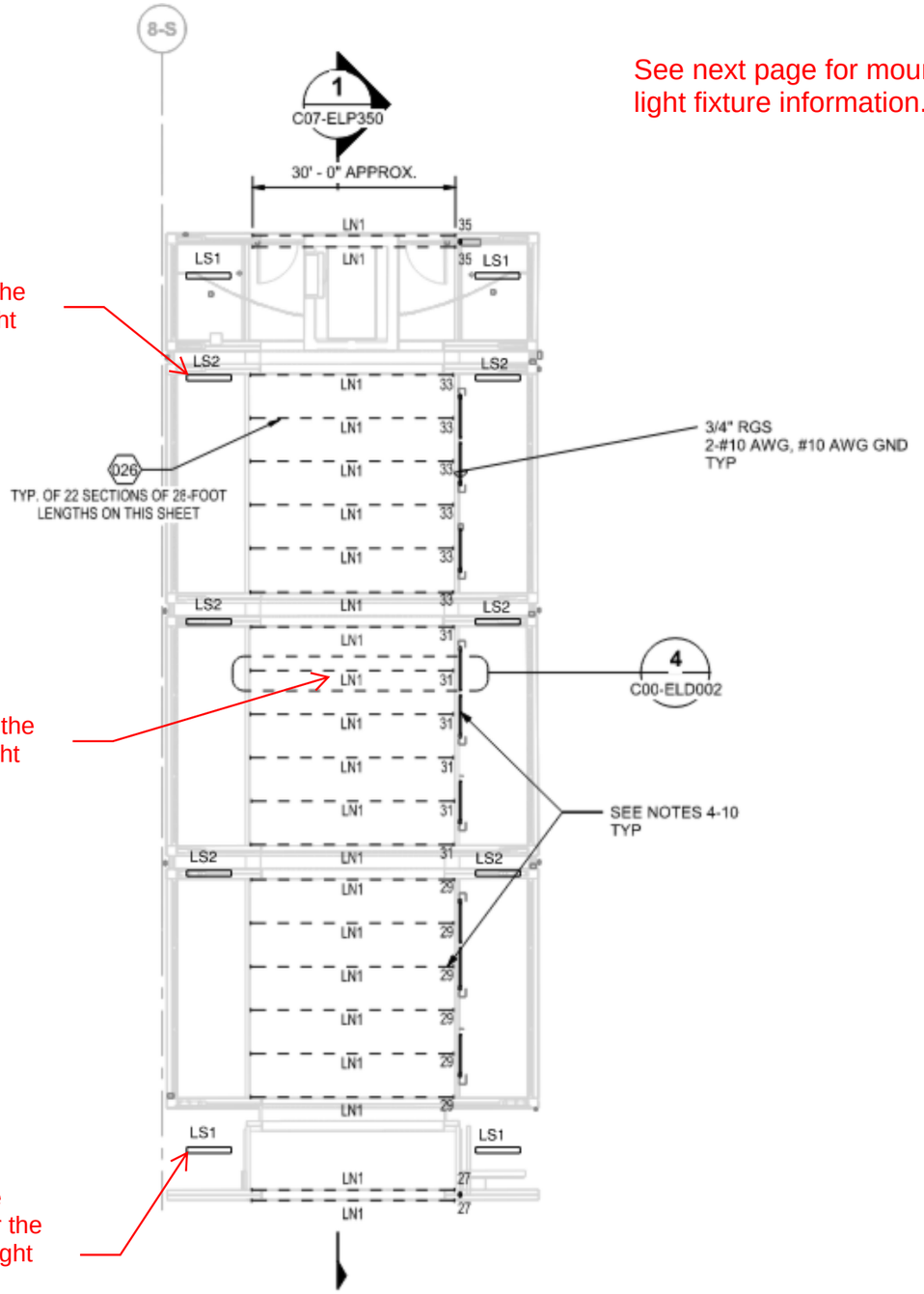


PREFONTAINE ENTRANCE 1



Light pole housig stay as is. Type LG1-EM will have LED retrofit. (TYP OF 4)

PIONEER SQUARE STATION PREFONTAINE ENTRANCE 1



Type LS1 is the replacement for the existing linear light fixtures.

Type LN1 is the replacement for the existing neon light fixtures.

Type LS1 is the replacement for the existing linear light fixtures at the entrances

PIONEER SQUARE STATION PREFONTAINE ENTRANCE REFLECTED CEILING PLAN 2

See next page for mounting detail and light fixture information.

TYPE LG1-EM

Yellow highlights are information for the proposed light fixture.

Project Name:	Type:
Part Number:	Date:

GREENCREATIVE

HID BOLLARD LAMP

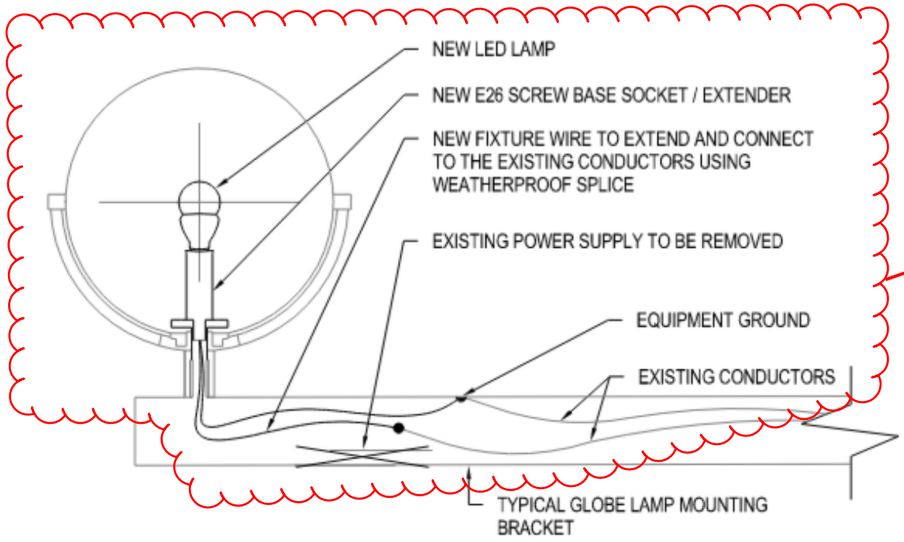
FEATURES

- Integral driver suitable for 120-277V
- Integral thermal sensor reduces power to the lamp in the event ambient temperature exceeds specified limitations
- Replaces 50W/70W/100W HID
- Suitable for damp locations and totally enclosed fixtures*
- Temperature rating: -4°F/-20°C - 95°F/35°C
- Rated lifetime (L70): 50,000hrs
- 5 year limited warranty**
- Integral 4kV surge protector (25HID models only)
- For installation in Post Top, Area light, or other fixtures exposed to high surge conditions, the use of our 10KV surge protector 97718-10SURGE/277V is recommended.

SPECIFICATIONS

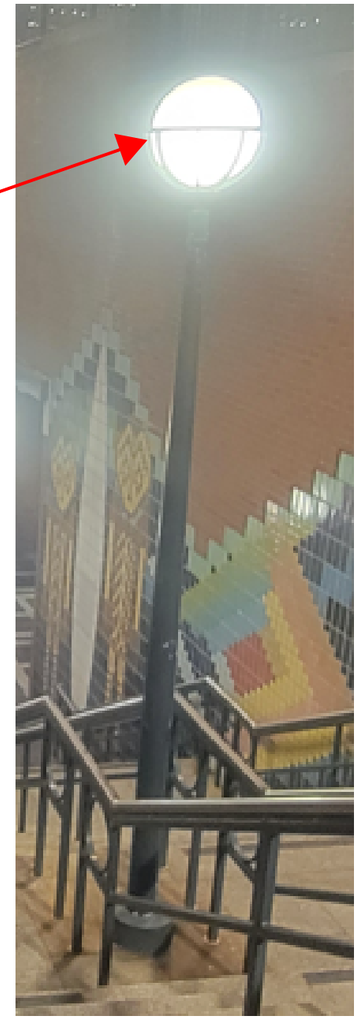
Product	Model	Equiv. (HID)	Equiv. (Incandescent)	Input Voltage	Wattage	Lumens	CCT	CRI	Efficacy (LPW)	Beam Angle	Power Factor	THD	Fixture Rating	ES / DLC
35426	16A21/835/277V	70W	125W	120-277V	16	2,000	3500K	82	125	300°	0.9	<20%	Enclosed	√ / N.A.
35414	25HID/835/277V/E26/R	70-100W	200W	120-277V	25	3,200	3500K	82	128	230°	0.9	<20%	Enclosed	√ / N.A.

Light fixture detail for Type LG1-EM.
Note: detail shown below is for bracket mounting.
For light pole installation, it will be similar as shown below except for mounting bracket.



DETAIL NOTES:

1. REMOVE EXISTING POWER SUPPLY AND LED LAMP/ STEM.
2. INSTALL NEW SCREW BASE SOCKET AND EXTENDER.
3. NEW LED LAMP SHALL BE INSTALLED IN THE CENTER OF THE GLOBE SUCH THAT IT PROVIDES A UNIFORM GLOW THROUGHOUT THE GLOBE.
4. ELECTRICAL INSTALLATION INCLUDING ALL MATERIALS MUST BE RATED FOR WET LOCATION.
5. CLEAN EXISTING ACRYLIC GLOBES INSIDE/OUTSIDE.



Project Name:	Type: LG1-EM
Part Number:	Date:

GREENCREATIVE

HID BOLLARD LAMP

FEATURES

- Integral driver suitable for 120-277V
- Integral thermal sensor reduces power to the lamp in the event ambient temperature exceeds specified limitations
- Replaces 50W/70W/100W HID
- Suitable for damp locations and totally enclosed fixtures*
- Temperature rating: -4°F/-20°C - 95°F/35°C
- Rated lifetime (L70): 50,000hrs
- 5 year limited warranty**
- Integral 4kV surge protector (25HID models only)
- For installation in Post Top, Area light, or other fixtures exposed to high surge conditions, the use of our 10KV surge protector 97718-10SURGE/277V is recommended.

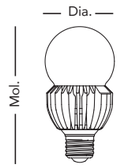
012324

SPECIFICATIONS

Product	Model	Equiv. (HID)	Equiv. (Incandescent)	Input Voltage	Wattage	Lumens	CCT	CRI	Efficacy (LPW)	Beam Angle	Power Factor	THD	Fixture Rating	ES / DLC
35426	16A21/835/277V	70W	125W	120-277V	16	2,000	3500K	82	125	300°	0.9	<20%	Enclosed	√ / N.A.
35414	25HID/835/277V/E26/R	70-100W	200W	120-277V	25	3,200	3500K	82	128	230°	0.9	<20%	Enclosed	√ / N.A.

** Please visit www.greencreative.com for Limited Warranty terms.

DIMENSION & WEIGHT



E26

Model	Base	Mol.	Dia.	Weight
16A21/xxx/277V	E26	5"	2-9/16"	0.50lb
25HID/xxx/277V/E26/R	E26	6-3/8"	3-1/4"	1.04lb

Where xxx means 824-965 which indicates CRI and color temperature

*MINIMUM COMPARTMENT DIMENSIONS (FOR ENCLOSED FIXTURES)

Model	Dia.	Height
16A21/xxx/277V	4"	5-1/2"
25HID/xxx/277V/E26/R	6"	8-1/2"

Installing lamp in a fixture that does not have the minimum compartment dimensions will void the warranty and could cause product failures.

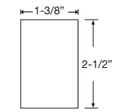
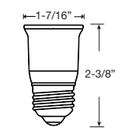
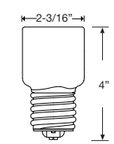
HID EQUIVALENCE

GREEN CREATIVE HID LED		Metal Halide		Mercury Vapor		High Pressure Sodium	
Power	Lumens	Power	Mean Lumens	Power	Mean Lumens	Power	Mean Lumens
25W	3,300	70W	3,400	100W	3,300	50W	3,600

GREENCREATIVE

HID BOLLARD LAMP

OPTIONAL ACCESSORY ORDERING INFORMATION

Product	Model	Description	Picture	Dimensions
97718	10SURGE/277V	10KV Surge Protector Recommended for use in Area light retrofits and other applications subject to high surge conditions.		
16325	E26 EXTENDER	E26 Lamp Extender Adds 1-5/16" to Lamp Height		
35050	E39 EXTENDER	EX39 Lamp Extender Adds 1-11/16" to Lamp Height		

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TYPE LS1

Yellow highlights are information for the proposed light fixture.

WA (White Acrylic) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-WA	22,016	156	141
	L-2-36lm-XX-850-4-XXX-WA	33,739	232	146
	L-2-XX-850-4-XXX-WA	43,715	307	142
	L-3-XX-850-4-XXX-WA	64,644	466	139
	L-4-XX-850-4-XXX-WA	86,629	619	140
	L-5-XX-850-4-XXX-WA	107,939	776	139
	L-6-XX-850-4-XXX-WA	130,485	930	140
	L-7-XX-850-4-XXX-WA	152,549	1,089	140
	L-8-XX-850-4-XXX-WA	175,209	1,236	142

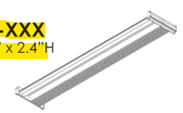
CCT	
Standard = 5000K CCT	
6500K	97.1%
5700K	98.4%
5000K (nominal)	100.0%
4000K	100.0%
3500K	97.1%
3000K	93.2%
2700K	90.6%

4' Length All Distributions

Standard Configurations

Part # **L-1-SA-XXX-4-XXX**
- 47.81"L x 9.18"W x 2.4"H
- Weight: 10 LBS

1 Bar
1 Channel



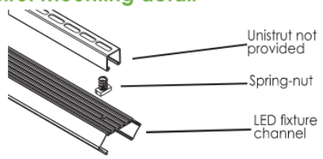
Othe Cor

Part # **L-1-SB-XXX**
- 47.81"L x 2.4
- Weight: 10 L

1 Bar
1 Channel

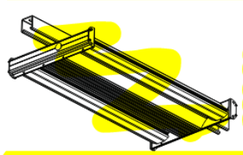
Unistrut Mount

Unistrut mounting detail



2-point Unistrut hardware

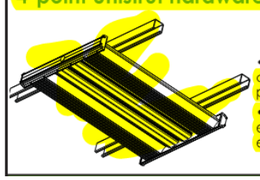
Part Number: **UM2**



Description:
- Unistrut hardware includes (2) sets of 3/8" diameter spring-nuts, bolts, mounting holes provided
- (2) 3/8" mounting holes provided per electronics channel, centered 2" from the end of the aluminum extrusion

4-point Unistrut hardware

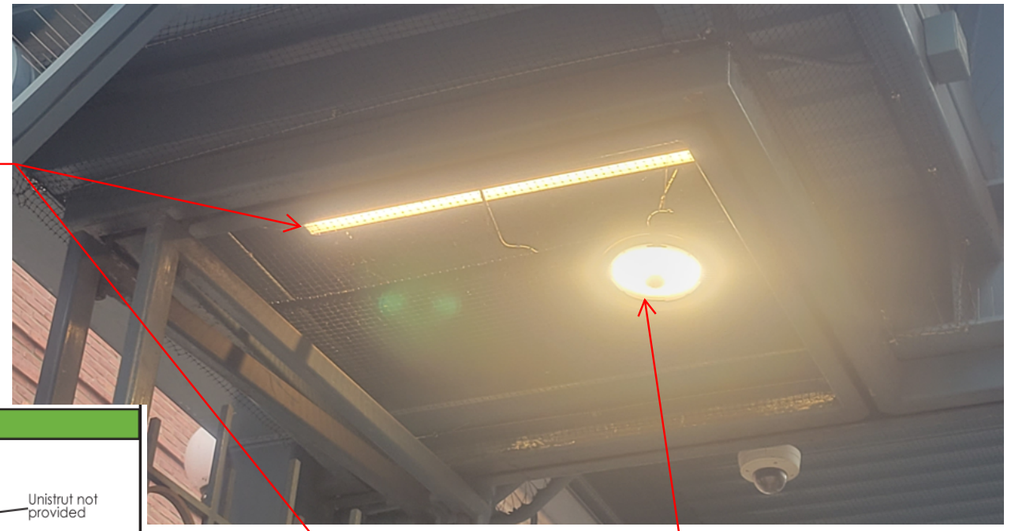
Part Number: **UM4**



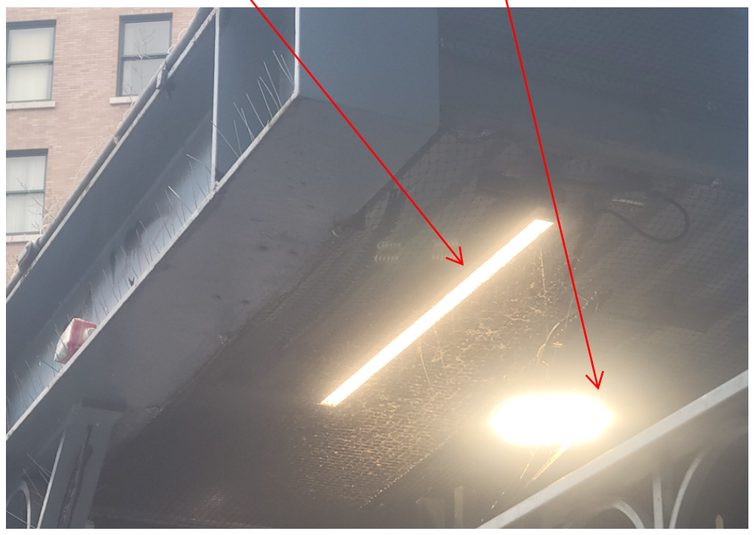
Description:
- Unistrut hardware includes (4) sets of 3/8" diameter spring-nuts, bolts, mounting holes provided
- (4) 3/8" mounting holes provided per electronics channel, centered 2" from the end of the aluminum extrusion

New linear light fixture will replaced with existing linear light fixture. Existing Unistrut mount will be reused for the Type LS1.

Light fixture at the 2nd Avenue Entrance.



Round light fixtures will be removed once the new linear light fixtures are installed.



Light fixture at the 3nd Avenue Entrance.

TYPE LS1

IK10+ Series - High **Lumen** Family - Specification Sheet

The LUX IK10+ series features COMPETITIVE EFFICACY across a BROAD LUMEN RANGE We build the IK10+ from durable 6463 EXTRUDED ALUMINUM making it beautiful while maintaining terrific STABILITY and LONGEVITY

Performance

- Lumen output: **8,700 up to 200,000 lumens, approx.**
- Efficacy: **Up to 166 Lumens per Watt**
- L_{70} (per TM-21): **72,000 Hours**
- L_{70} (calculated): **147,000 Hours**
- Ambient Temp. Rating: **-40°F to 140°F (-40°C to 60°C)**
  Ambient temperature rating varies for auxiliary components
- Surge Protection: **6kV (10kV Option Available)**

Construction

- Extruded 6463 aluminum construction
- Stainless-steel hardware
- Bright dip anodized fixture body
- Isolated driver channels
- Thermally independent heat sink LED bars

Listing and Ratings

- UL 1598 for Dry, Damp, and Wet Locations
- ARRA/BAA Compliant (Made in America)
- BABA Compliant Options Available, Consult Factory
- IP55 Rated
- UL EPH Listed - NSF Rated
- 3G Vibration Rated
- Exceeds IK10 impact rating with polycarbonate lens
- IK10 rating does not apply to acrylic lenses

Warranty

- 10-Year Warranty on fixture body
- 5-Year Warranty on electronics
- For special requests, contact Factory

Applications

- Gymnasiums/Sports Facilities
- Warehouses
- Manufacturing/Industrial
- Arenas/Fieldhouses
- Natatoriums
- Hangars

Installation

- Aircraft cable suspension
- Surface mounting
- Rigid pendant mounting (with or without powerfeed)
- Adjustable yoke mount
- Tandem mounting available
- Custom mounts available, contact Factory

Optics

- Wide 120° beam angle LEDs
- Optional narrow optic for aisle or racking applications
- LED bars are rotatable to allow for custom distributions
- Diffusing lens available in clear and visually comfortable white
- Acrylic and polycarbonate lens materials available
- Lens offers up to 10% uplight

QuickShip®
IK10+ Quick Ship Available
Visit: www.luxdynamics.com

IK10+ Series - High **Lumen** Family

TYPE LS1

Example Catalog Number:

L	3	D	A	850	2	U10

Series	Number of BARS L series only	Number of Channels	Fixture Configuration	CRI / CCT	Length	Voltage and Dimming
	Delivered lumens with 5000K color / Standard Distribution / CA lens	Some options may require additional driver channels in order to function. Consult Factory.	Defines the order of channels and BARs in the fixture frame. Please see configuration chart on specification sheet.	DLC listing for 850 and 840 color temperature. Other color temperatures available. Consult factory.	Typical fixture lengths shown below. Dimensions shown on pages 5 and 6. Fixture length affects lumen output.	Other driver options available. Consult Factory.
L High Lumen	**1** 12,005lm | **24,010lm** **2-18lm** 18,397lm | N/A **2-36lm** N/A | 36,794lm **2** 23,837lm | 47,674lm **3-30lm** 31,397lm | N/A **3** 35,249lm | 70,498lm **4** 47,237lm | 94,474lm **5** 58,857lm | 117,714lm **6** 71,151lm | 142,302lm **7** 83,182lm | 166,364lm **8** 95,538lm | 191,076lm (2' length | 4' length)	**S** Single **D** Double **T** Triple **Q** Quad	**A** **B** **C** ... **A** defines standard configuration.	865 80CRI 6500K 857 80CRI 5700K **850** 80CRI 5000K **840** 80CRI 4000K **835** 80CRI 3500K 830 80CRI 3000K 827 80CRI 2700K 950 90CRI 5000K 940 90CRI 4000K 935 90CRI 3500K 927 90CRI 2700K **TW*** Tunable White **RGBW*** RBG with XXX GREYED options not stocked and may need additional lead time *Options significantly decrease lumen output, contact Factory for more information	**2** 2' (24.75") Standard (24.14") Narrow **4** 4' (47.81") Standard (46.34") Narrow	**U10** 120-277V | 0-10V dimming | 10% min. **U1** 120-277V | 0-10V dimming | 1% min. **H10** 347/480V | 0-10V dimming | 10% min. **H1** 347/480V | 0-10V dimming | 1% min. **DALI** 120-277V | DALI control **DMX*** 120-277V | DMX control **DP10** 277-480V | 0-10V dimming | 10% min. **Dimming curves and other operating characteristics may vary between models** *Option significantly decreases lumen output, contact Factory for more information

Some CRI, CCT and other output variations may affect DLC listing; contact LUX for further information.

Options and Accessories

Distribution

(leave blank) General Distribution
N Narrow optics
Narrow optic options vary
See page 6 and 8 for all narrow optic options

Lensing

(leave blank) No Lensing, bare LEDs
CA Clear acrylic diffuse lens
WA White acrylic diffuse lens
CP Clear polycarbonate diffuse lens
WP White polycarbonate diffuse lens
"2" or "4" denotes fixture length
Recommended (leave blank) with N distribution option
Recommended WA or WP options for visual comfort
DLC listing for CA, CP, and (leave blank) options

Lumen/Wattage Output

CFO Custom fixture output (specify custom lumen output or wattage lower than standard)

Direction of Light

(leave blank) BARs aimed down
I BARs aimed up
C Custom aiming
Consult with Factory for option "C"

BAR Locking

(leave blank) BARs fixed
R BARs rotatable (Not suitable for WET locations)
Recommended FIXED (BLANK) in high-abuse environments

Channel Access

T Lid opens from above fixture
B Lid opens from below fixture
Some options, including controls and mounting types, may require specific access, consult Factory for further information

Cord

(leave blank)	No cord provided	
3/10	3-wire, 10'cord	Standard white
4/10	4-wire, 10'cord	Standard white
5/10	5-wire, 10'cord	Standard white
6/10	6-wire, 10'cord	Standard white

Other cord lengths and multi-circuit wiring available
Cord routed through fixture endcap unless otherwise specified
1st digit: Number of wires, including ground, available from 3 through 6
2nd digit: Overall length, including strips, available from 10' through 30'

Emergency

E10 10-watt integral emergency battery (CA Title-20 compliant)
E15 15-watt integral emergency battery (CA Title-20 compliant)
E20 20-watt integral emergency battery (CA Title-20 compliant) not available on all configurations, consult Factory
E20R 20-watt non-integral emergency battery (CA Title-20 compliant) **must be field-installed**
E30R 30-watt non-integral emergency battery (CA Title-20 compliant) **must be field-installed**

Remote Mounting

(leave blank) Standard integral driver(s)
RMS Remote mount driver(s) - surface mount
RMC Remote mount driver(s) - cable mount
RNK Remote mount driver(s) - no enclosure kit provided
Restrictions may apply for certain applications, consult Factory

Options and Accessories Continued

Mounting

(leave blank)	No mounting hardware provided
10Y	Y-hanger AC cable up to 11' length, snap hook
4P10	4-point AC cable up to 10' length, hook
4P10S	Stainless steel 4-point AC cable up to 10' length, hook
SPM	Adapter to suspend luminaire below existing stem
MH1	Myer's hub 1-point, 3/4" GRC adapter, Galv. Steel
MH2	Myer's hub 2-point, 3/4" GRC adapter, Galv. Steel
MH1S	Myer's hub 1-point, 3/4" GRC adapter, stainless-steel
MH2S	Myer's hub 2-point, 3/4" GRC adapter, stainless-steel
SM	Surface mount, no machining or hardware provided
SMH	Surface mount, incl. pre-machined mounting points
UM2	Unistrut mount, includes (2) points of mounting, suitable for mounting to single strut.
UM4	Unistrut mount, includes (4) points of mounting, suitable for mounting to (2) struts.
YK	Yoke mount, adjustable trunnion (Not suitable for WET locations)

- Mounting via Aircraft Cable suitable for Static Loads only. If fixtures are subject to movement or mounting substrate is prone to instability, rigid mounting is required. Suitable mounting styles include: MH1, MH2, MH1S, MH2S, SM, SMH, UM2, UM4, AND YOKE (YK).
- For MH mounting options with cord, cord installed in fixture endcap. Alternate cord placement available, contact Factory.
- For MH mounting options, not all fixtures are balanced, contact Factory for swivel-mounting options.
- Some mounting options may require specific channel access.
- Additional cable lengths available, consult Factory.

Finish

(leave blank)	Standard natatorium-grade bright dip anodized aluminum and green hanging brackets, shown on specification sheet
M	Silver stainless-steel hanging brackets (no green). Standard bright dip anodized aluminum body
PC	Custom color by powdercoat. Must specify RAL number and components to be finished
BLKG	Glossy black finish on all components
BLKM	Matte black finish on all components
AND	Anodize color finish, available on 2' fixtures only, consult Factory

Custom color anodized aluminum available in 2' configurations, consult Factory.
Nonstandard fixture finishes may reduce delivered lumens, consult Factory for details.

Controls

OC	Integral on/off occupancy sensor (120-277V)
DO	Integral high/low/off occupancy and daylight harvesting sensor (120-277V)
OCKH	High voltage (347/480V) knockout-mounted on/off occupancy sensor, **not installed**
DOKH	High voltage (347/480V) knockout-mounted high/low/off occupancy and daylight harvesting sensor, **not installed**
Wireless Controls	Multiple wireless control systems available. Contact Factory for options and details

LUX is controls-agnostic and can use most requested control systems

Application (Select all that apply)

GEN	General applications *(Not rated for WET, NSF, or high abuse environments)*
WET	Wet location *(Includes conformal coated LED modules, HO5)*
COR*	Caustic/natatorium environments *(Includes conformal coated LED modules, HO5)*
NSF	EPH rated for food-safe applications
TC	Tennis court *(Polycarbonate lensing recommended)*
MFG	Manufacturing or industrial
WHS	Warehousing or storage
HNG	Hangar
GYM	Gymnasium or sports court *(Polycarbonate lensing required)*
AFH	Arena or fieldhouse *(Polycarbonate lensing recommended)*
ARCH	Architectural *(White lensing recommended)*
ICE	Ice rink *(Polycarbonate lensing recommended)*
GAR	Garage or canopy
FRZ	Freezer or cold storage
HT	High temp, 55°C/131°F or higher *(E-Series recommended)*
BABA	Build America Buy America (BABA) Compliant *(Not all configurations meet BABA, consult Factory)*

*COR application not suitable for all caustic environments, consult Factory
Lensing and Bottom Access required for WET, COR, and EPH/NSF applications
Consult Factory for cost adders for WET, COR and EPH/NSF applications

IK10 Series - High Lumen Family TYPE LS1 LUX dynamics

2' Performance - Wide Distribution

(Data Based on 5000K and 80CRI - Static White ONLY)

No Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX	12,522	78	161
	L-2-18lm-XX-850-2-XXX	19,190	116	166
	L-2-XX-850-2-XXX	24,864	154	162
	L-3-30lm-XX-850-2-XXX	32,750	201	163
	L-3-XX-850-2-XXX	36,768	233	158
	L-4-XX-850-2-XXX	49,272	309	159
	L-5-XX-850-2-XXX	61,393	388	158
	L-6-XX-850-2-XXX	74,216	465	160
	L-7-XX-850-2-XXX	86,766	544	159
	L-8-XX-850-2-XXX	99,654	618	161

CA (Clear Acrylic) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX-CA	12,005	78	154
	L-2-18lm-XX-850-2-XXX-CA	18,397	116	159
	L-2-XX-850-2-XXX-CA	23,837	154	155
	L-3-30lm-XX-850-2-XXX-CA	31,397	201	156
	L-3-XX-850-2-XXX-CA	35,249	233	151
	L-4-XX-850-2-XXX-CA	47,237	309	153
	L-5-XX-850-2-XXX-CA	58,857	388	152
	L-6-XX-850-2-XXX-CA	71,151	465	153
	L-7-XX-850-2-XXX-CA	83,182	544	153
	L-8-XX-850-2-XXX-CA	95,538	618	155

CP (Clear Polycarbonate) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX-CP	11,080	78	142
	L-2-18lm-XX-850-2-XXX-CP	16,979	116	146
	L-2-XX-850-2-XXX-CP	22,000	154	143
	L-3-30lm-XX-850-2-XXX-CP	28,977	201	144
	L-3-XX-850-2-XXX-CP	32,533	233	140
	L-4-XX-850-2-XXX-CP	43,597	309	141
	L-5-XX-850-2-XXX-CP	54,321	388	140
	L-6-XX-850-2-XXX-CP	65,668	465	141
	L-7-XX-850-2-XXX-CP	76,772	544	141
	L-8-XX-850-2-XXX-CP	88,176	618	143

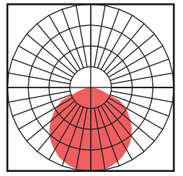
WA (White Acrylic) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX-WA	11,008	78	141
	L-2-18lm-XX-850-2-XXX-WA	16,869	116	146
	L-2-XX-850-2-XXX-WA	21,858	154	142
	L-3-30lm-XX-850-2-XXX-WA	28,790	201	143
	L-3-XX-850-2-XXX-WA	32,322	233	139
	L-4-XX-850-2-XXX-WA	43,314	309	140
	L-5-XX-850-2-XXX-WA	53,970	388	139
	L-6-XX-850-2-XXX-WA	65,243	465	140
	L-7-XX-850-2-XXX-WA	76,275	544	140
	L-8-XX-850-2-XXX-WA	87,605	618	142

WP (White Polycarbonate) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX-WP	8,673	78	111
	L-2-18lm-XX-850-2-XXX-WP	13,291	116	115
	L-2-XX-850-2-XXX-WP	17,222	154	112
	L-3-30lm-XX-850-2-XXX-WP	22,684	201	113
	L-3-XX-850-2-XXX-WP	25,467	233	109
	L-4-XX-850-2-XXX-WP	34,128	309	110
	L-5-XX-850-2-XXX-WP	42,523	388	110
	L-6-XX-850-2-XXX-WP	51,405	465	111
	L-7-XX-850-2-XXX-WP	60,097	544	110
	L-8-XX-850-2-XXX-WP	69,024	618	112

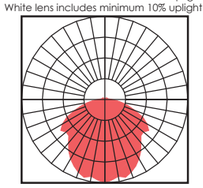
Custom lumen/wattage output available with CFO option specified. Consult Factory.

Optical Distribution Variations

NL (No Lens)
standard 120° distribution achieved when using bare LEDs with no secondary optics
Includes 0% uplight component



Lensed (CA,CP, WA, or WP)
wide/diffused optic achieved using any of our standard lenses
Clear lens includes minimum 3.4% uplight
White lens includes minimum 10% uplight



Lumen Multipliers

Lens (Standard = CA Lens)	
NL	104.3%
CA (nominal)	100.0%
CP	92.3%
WA	91.7%
WP	72.2%

CCT (Standard = 5000K CCT)	
6500K	97.1%
5700K	98.4%
5000K (nominal)	100.0%
4000K	100.0%
3500K	97.1%
3000K	93.2%
2700K	90.6%

CRI (Standard = 80 CRI)	
80 CRI (nominal)	100.0%
90 CRI	
6500K (90 CRI)	83.4%
5700K (90 CRI)	83.7%
5000K (90 CRI)	83.7%
4000K (90 CRI)	83.7%
3500K (90 CRI)	82.2%
3000K (CRI 90)	79.8%
2700K (CRI 90)	75.9%

Emergency Battery Performance

(Data Based on 5000K, 80CRI and CA Lens)

Integral EM Options

E10 (10 Watt EM)	
Lens Option	Delivered Lumens
NL	1,855
CA	1,778
CP	1,641
WA	1,630
WP	1,285

E15 (15 Watt EM)	
Lens Option	Delivered Lumens
NL	2,774
CA	2,659
CP	2,454
WA	2,438
WP	1,921

E20 (20 Watt EM)	
Lens Option	Delivered Lumens
NL	3,709
CA	3,556
CP	3,282
WA	3,261
WP	2,569

Field-Installable (Non-Integral) EM Options

E30 (30 Watt EM)	
Lens Option	Delivered Lumens
NL	5,547
CA	5,318
CP	4,908
WA	4,876
WP	3,842

4' Performance - Wide Distribution

(Data Based on 5000K and 80CRI - Static White ONLY)

No Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX	25,044	156	161
	L-2-36lm-XX-850-4-XXX	38,379	232	166
	L-2-XX-850-4-XXX	49,728	307	162
	L-3-XX-850-4-XXX	73,535	466	158
	L-4-XX-850-4-XXX	98,544	619	159
	L-5-XX-850-4-XXX	122,786	776	158
	L-6-XX-850-4-XXX	148,433	930	160
	L-7-XX-850-4-XXX	173,532	1,089	159
	L-8-XX-850-4-XXX	199,308	1,236	161

CA (Clear Acrylic) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-CA	24,010	156	154
	L-2-36lm-XX-850-4-XXX-CA	36,794	232	159
	L-2-XX-850-4-XXX-CA	47,674	307	155
	L-3-XX-850-4-XXX-CA	70,498	466	151
	L-4-XX-850-4-XXX-CA	94,474	619	153
	L-5-XX-850-4-XXX-CA	117,714	776	152
	L-6-XX-850-4-XXX-CA	142,302	930	153
	L-7-XX-850-4-XXX-CA	166,364	1,089	153
	L-8-XX-850-4-XXX-CA	191,076	1,236	155

CP (Clear Polycarbonate) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-CP	22,160	156	142
	L-2-36lm-XX-850-4-XXX-CP	33,959	232	146
	L-2-XX-850-4-XXX-CP	44,000	307	143
	L-3-XX-850-4-XXX-CP	65,065	466	140
	L-4-XX-850-4-XXX-CP	87,194	619	141
	L-5-XX-850-4-XXX-CP	108,643	776	140
	L-6-XX-850-4-XXX-CP	131,336	930	141
	L-7-XX-850-4-XXX-CP	153,544	1,089	141
	L-8-XX-850-4-XXX-CP	176,351	1,236	143

WA (White Acrylic) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-WA	22,016	156	141
	L-2-36lm-XX-850-4-XXX-WA	33,739	232	146
	L-2-XX-850-4-XXX-WA	43,715	307	142
	L-3-XX-850-4-XXX-WA	64,644	466	139
	L-4-XX-850-4-XXX-WA	86,629	619	140
	L-5-XX-850-4-XXX-WA	107,939	776	139
	L-6-XX-850-4-XXX-WA	130,485	930	140
	L-7-XX-850-4-XXX-WA	152,549	1,089	140
	L-8-XX-850-4-XXX-WA	175,209	1,236	142

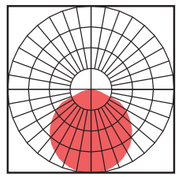
WP (White Polycarbonate) Lens				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-WP	17,347	156	111
	L-2-36lm-XX-850-4-XXX-WP	26,583	232	115
	L-2-XX-850-4-XXX-WP	34,444	307	112
	L-3-XX-850-4-XXX-WP	50,933	466	109
	L-4-XX-850-4-XXX-WP	68,256	619	110
	L-5-XX-850-4-XXX-WP	85,046	776	110
	L-6-XX-850-4-XXX-WP	102,810	930	111
	L-7-XX-850-4-XXX-WP	120,195	1,089	110
	L-8-XX-850-4-XXX-WP	138,049	1,236	112

Custom lumen/wattage output available with CFO option specified. Consult Factory.

Optical Distribution Variations

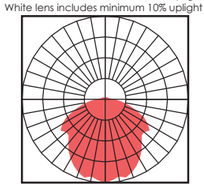
NL (No Lens)

standard 120° distribution achieved when using bare LEDs with no secondary optics
Includes 0% uplight component



Lensed (CA,CP, WA, or WP)

wide/diffused optic achieved using any of our standard lenses
Clear lens includes minimum 3.4% uplight
White lens includes minimum 10% uplight



Lumen Multipliers

Lens	
Standard = CA Lens	
NL	104.3%
CA (nominal)	100.0%
CP	92.3%
WA	91.7%
WP	72.2%

CCT	
Standard = 5000K CCT	
6500K	97.1%
5700K	98.4%
5000K (nominal)	100.0%
4000K	100.0%
3500K	97.1%
3000K	93.2%
2700K	90.6%

CRI	
Standard = 80 CRI	
80 CRI (nominal)	100.0%
90 CRI	
6500K (90 CRI)	83.4%
5700K (90 CRI)	83.7%
5000K (90 CRI)	83.7%
4000K (90 CRI)	83.7%
3500K (90 CRI)	82.2%
3000K (CRI 90)	79.8%
2700K (CRI 90)	75.9%

Emergency Battery Performance

(Data Based on 5000K, 80CRI and CA Lens)

Integral EM Options

E10 (10 Watt EM)	
Lens Option	Delivered Lumens
NL	1,855
CA	1,778
CP	1,641
WA	1,630
WP	1,285

E15 (15 Watt EM)	
Lens Option	Delivered Lumens
NL	2,774
CA	2,659
CP	2,454
WA	2,438
WP	1,921

E20 (20 Watt EM)	
Lens Option	Delivered Lumens
NL	3,709
CA	3,556
CP	3,282
WA	3,261
WP	2,569

Field-Installable (Non-Integral) EM Options

E30 (30 Watt EM)	
Lens Option	Delivered Lumens
NL	5,547
CA	5,318
CP	4,908
WA	4,876
WP	3,842

4' Performance - Narrow Optic

(Data Based on 5000K and 80CRI - Static White ONLY)

Narrow Optic with No Lens - HO5				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-N	24,806	156	159
	L-2-36lm-XX-850-4-XXX-N	38,014	232	164
	L-2-XX-850-4-XXX-N	49,612	307	161
	L-3-XX-850-4-XXX-N	74,418	466	160
	L-4-XX-850-4-XXX-N	99,224	619	160
	L-5-XX-850-4-XXX-N	124,031	776	160
	L-6-XX-850-4-XXX-N	148,837	930	160
	L-7-XX-850-4-XXX-N	173,643	1,089	159
	L-8-XX-850-4-XXX-N	198,449	1,236	161

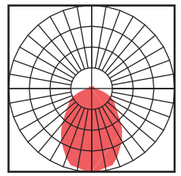
Narrow Optic with CA (Clear Acrylic) Lens - HO5				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-N-CA	22,964	156	147
	L-2-36lm-XX-850-4-XXX-N-CA	35,191	232	152
	L-2-XX-850-4-XXX-N-CA	45,928	307	149
	L-3-XX-850-4-XXX-N-CA	68,893	466	148
	L-4-XX-850-4-XXX-N-CA	91,857	619	148
	L-5-XX-850-4-XXX-N-CA	114,821	776	148
	L-6-XX-850-4-XXX-N-CA	137,785	930	148
	L-7-XX-850-4-XXX-N-CA	160,750	1,089	148
	L-8-XX-850-4-XXX-N-CA	183,714	1,236	149

Narrow Optic with CP (Clear Polycarbonate) Lens - HO5				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-4-XXX-N-CP	21,195	156	136
	L-2-36lm-XX-850-4-XXX-N-CP	32,479	232	140
	L-2-XX-850-4-XXX-N-CP	42,389	307	138
	L-3-XX-850-4-XXX-N-CP	63,584	466	137
	L-4-XX-850-4-XXX-N-CP	84,778	619	137
	L-5-XX-850-4-XXX-N-CP	105,973	776	137
	L-6-XX-850-4-XXX-N-CP	127,167	930	137
	L-7-XX-850-4-XXX-N-CP	148,362	1,089	136
	L-8-XX-850-4-XXX-N-CP	169,556	1,236	137

Optical Distribution Variations

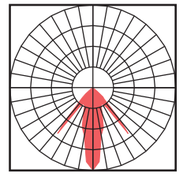
NRW + Lens

Medium distribution achieved using narrow optic in addition to any standard lens.
• Clear lens includes minimum 2.4% uplight
• White lens includes minimum 6% uplight



NRW Optic Only

Narrow optic achieved using a highly reflective parabolic reflector.
Includes 0% uplight component



Lumen Multipliers

Lens	
Standard = N (narrow optic) + No Lens	
N-NL (nominal)	100.0%
N-CA	92.6%
N-CP	85.4%

CCT	
Standard = 5000K CCT	
6500K	97.1%
5700K	98.4%
5000K (nominal)	100.0%
4000K	100.0%
3500K	97.1%
3000K	93.2%
2700K	90.6%

CRI	
Standard = 80 CRI	
80 CRI (nominal)	100.0%
90 CRI	
6500K (90 CRI)	83.4%
5700K (90 CRI)	83.7%
5000K (90 CRI)	83.7%
4000K (90 CRI)	83.7%
3500K (90 CRI)	82.2%
3000K (CRI 90)	79.8%
2700K (CRI 90)	75.9%

Emergency Battery Performance

(Data Based on 5000K, 80CRI and No Lens)

Integral EM Options

E10 (10 Watt EM)	
Lens Option	Delivered Lumens
N-NL	1,837
N-CA	1,761
N-CP	1,625

E15 (15 Watt EM)	
Lens Option	Delivered Lumens
N-NL	2,747
N-CA	2,634
N-CP	2,431

E20 (20 Watt EM)	
Lens Option	Delivered Lumens
N-NL	3,674
N-CA	3,522
N-CP	3,251

Field-Installable (Non-Integral) EM Options

E30 (30 Watt EM)	
Lens Option	Delivered Lumens
N-NL	5,494
N-CA	5,267
N-CP	4,861

IK10+ Series - High Lumen Family

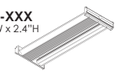
TYPE LS1 LUX dynamics

2' Length
Wide Distribution ONLY

Standard Configurations

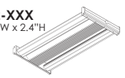
Part #
L-1-SA-XXX-2-XXX
- 24.75"L x 9.18"W x 2.4"H
- Weight: 5 LBS

1 Bar
1 Channel



Part #
L-2-SA-XXX-2-XXX
- 24.75"L x 12.18"W x 2.4"H
- Weight: 7 LBS

2 Bar
1 Channel

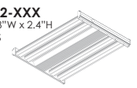


Part #
L-3-SA-XXX-2-XXX
- 24.75"L x 15.18"W x 2.4"H
- Weight: 9 LBS

3 Bar
1 Channel

Part #
L-4-SA-XXX-2-XXX
- 24.75"L x 18.18"W x 2.4"H
- Weight: 11 LBS

4 Bar
1 Channel

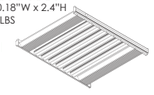


Part #
L-5-DA-XXX-2-XXX
- 24.75"L x 27.18"W x 2.4"H
- Weight: 16 LBS

5 Bar
2 Channel

Part #
L-6-DA-XXX-2-XXX
- 24.75"L x 30.18"W x 2.4"H
- Weight: 18 LBS

6 Bar
2 Channel



Part #
L-7-TA-XXX-2-XXX
- 24.75"L x 39.18"W x 2.4"H
- Weight: 23 LBS

7 Bar
3 Channel

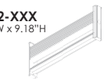
Part #
L-8-TA-XXX-2-XXX
- 24.75"L x 42.18"W x 2.4"H
- Weight: 25 LBS

8 Bar
3 Channel

Other Common Configurations

Part #
L-1-SB-XXX-2-XXX
- 24.75"L x 2.4"W x 9.18"H
- Weight: 5 LBS

1 Bar
1 Channel

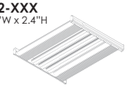


Part #
L-2-DA-XXX-2-XXX
- 24.75"L x 18.18"W x 2.4"H
- Weight: 10 LBS

2 Bar
2 Channel

Part #
L-3-DA-XXX-2-XXX
- 24.75"L x 21.18"W x 2.4"H
- Weight: 12 LBS

3 Bar
2 Channel

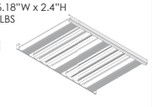


Part #
L-4-DA-XXX-2-XXX
- 24.75"L x 24.18"W x 2.4"H
- Weight: 14 LBS

4 Bar
2 Channel

Part #
L-6-TA-XXX-2-XXX
- 24.75"L x 36.18"W x 2.4"H
- Weight: 21 LBS

6 Bar
3 Channel



4' Length
All Distributions

Standard Configurations

Part #
L-1-SA-XXX-4-XXX
- 47.81"L x 9.18"W x 2.4"H
- Weight: 10 LBS

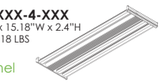
1 Bar
1 Channel

Part #
L-2-SA-XXX-4-XXX
- 47.81"L x 12.18"W x 2.4"H
- Weight: 14 LBS

2 Bar
1 Channel

Part #
L-3-SA-XXX-4-XXX
- 47.81"L x 15.18"W x 2.4"H
- Weight: 18 LBS

3 Bar
1 Channel

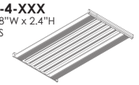


Part #
L-4-SA-XXX-4-XXX
- 47.81"L x 18.18"W x 2.4"H
- Weight: 22 LBS

4 Bar
1 Channel

Part #
L-5-DA-XXX-4-XXX
- 47.81"L x 27.18"W x 2.4"H
- Weight: 32 LBS

5 Bar
2 Channel



Part #
L-6-DA-XXX-4-XXX
- 47.81"L x 30.18"W x 2.4"H
- Weight: 34 LBS

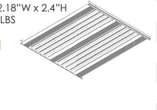
6 Bar
2 Channel

Part #
L-7-TA-XXX-4-XXX
- 47.81"L x 39.18"W x 2.4"H
- Weight: 44 LBS

7 Bar
3 Channel

Part #
L-8-TA-XXX-4-XXX
- 47.81"L x 42.18"W x 2.4"H
- Weight: 48 LBS

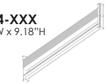
8 Bar
3 Channel



Other Common Configurations

Part #
L-1-SB-XXX-4-XXX
- 47.81"L x 2.4"W x 9.18"H
- Weight: 10 LBS

1 Bar
1 Channel



Part #
L-2-DA-XXX-4-XXX
- 47.81"L x 18.18"W x 2.4"H
- Weight: 20 LBS

2 Bar
2 Channel

Part #
L-3-DA-XXX-4-XXX
- 47.81"L x 21.18"W x 2.4"H
- Weight: 24 LBS

3 Bar
2 Channel

Part #
L-4-DA-XXX-4-XXX
- 47.81"L x 24.18"W x 2.4"H
- Weight: 28 LBS

4 Bar
2 Channel

IK10+ Series - High Lumen Family

TYPE LS1 LUX dynamics

2' Performance - Narrow Optic (HO7)
ONLY Offered with 840 and 850 Options
(Data Based on 5000K and 80CRI - Static White ONLY)

Injection-Molded Narrow Optic				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 5000K, 80 CRI, High Lumen	L-1-XX-850-2-XXX-N	10,304	68	153
	L-2-18lm-XX-850-2-XXX-N	17,852	116	154
	L-2-XX-850-2-XXX-N	20,609	135	153
	L-3-XX-850-2-XXX-N	30,914	200	155
	L-4-36lm-XX-850-2-XXX-N	35,704	232	154
	L-4-XX-850-2-XXX-N	41,218	270	153
	L-5-XX-850-2-XXX-N	51,522	338	153
	L-6-XX-850-2-XXX-N	61,828	400	155
	L-7-XX-850-2-XXX-N	72,131	473	153
	L-8-XX-850-2-XXX-N	82,436	540	153

Custom lumen/wattage output available with CFO option specified. Consult Factory.

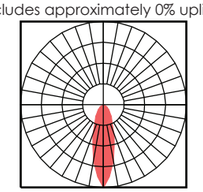
Lumen Multipliers

CCT	
Standard = 5000K CCT	
5000K (nominal)	100.0%
4000K	100.0%

CRI	
Standard = 80 CRI	
80 CRI (nominal)	100.0%

Optical Distribution

NRW Optic
Narrow optic achieved using a molded-acrylic, prismatic optic.
Includes approximately 0% uplight.



Emergency Battery Performance
(Data Based on 5000K and 80CRI)

Integral EM Options

E10 (10 Watt EM)		E15 (15 Watt EM)		E20 (20 Watt EM)	
Lens Option	Delivered Lumens	Lens Option	Delivered Lumens	Lens Option	Delivered Lumens
N	1,577	N	2,358	N	3,153

Field-Installable (Non-Integral) EM Options

E30 (30 Watt EM)	
Lens Option	Delivered Lumens
N	4,716

2' Performance - Narrow Optic (HO5)
ONLY Offered with 835 and 90CRI Options
(Data Based on 3500K and 80CRI - Static White ONLY)

Narrow Optic with No Lens - HO5				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 3500K, 80 CRI, High Lumen	L-1-XX-835-2-XXX-N	12,042	78	154
	L-2-18lm-XX-835-2-XXX-N	18,453	116	159
	L-2-XX-835-2-XXX-N	24,084	154	157
	L-3-30lm-XX-835-2-XXX-N	30,798	201	153
	L-3-XX-835-2-XXX-N	36,125	233	155
	L-4-XX-835-2-XXX-N	48,167	309	156
	L-5-XX-835-2-XXX-N	60,209	388	155
	L-6-XX-835-2-XXX-N	72,251	465	155
	L-7-XX-835-2-XXX-N	84,293	544	155
	L-8-XX-835-2-XXX-N	96,334	618	156

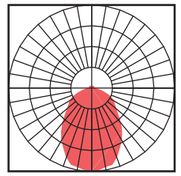
Narrow Optic with CA (Clear Acrylic) Lens - HO5				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 3500K, 80 CRI, High Lumen	L-1-XX-835-2-XXX-N-CA	11,544	78	148
	L-2-18lm-XX-835-2-XXX-N-CA	17,691	116	153
	L-2-XX-835-2-XXX-N-CA	23,089	154	150
	L-3-30lm-XX-835-2-XXX-N-CA	29,526	201	147
	L-3-XX-835-2-XXX-N-CA	34,633	233	149
	L-4-XX-835-2-XXX-N-CA	46,178	309	149
	L-5-XX-835-2-XXX-N-CA	57,722	388	149
	L-6-XX-835-2-XXX-N-CA	69,266	465	149
	L-7-XX-835-2-XXX-N-CA	80,811	544	148
	L-8-XX-835-2-XXX-N-CA	92,355	618	149

Narrow Optic with CP (Clear Polycarbonate) Lens - HO5				
	Model	Delivered Lumens	Wattage	Efficacy
Delivered Lumens @ 3500K, 80 CRI, High Lumen	L-1-XX-835-2-XXX-N-CP	10,655	78	137
	L-2-18lm-XX-835-2-XXX-N-CP	16,328	116	141
	L-2-XX-835-2-XXX-N-CP	21,310	154	139
	L-3-30lm-XX-835-2-XXX-N-CP	27,250	201	136
	L-3-XX-835-2-XXX-N-CP	31,964	233	137
	L-4-XX-835-2-XXX-N-CP	42,619	309	138
	L-5-XX-835-2-XXX-N-CP	53,274	388	137
	L-6-XX-835-2-XXX-N-CP	63,929	465	138
	L-7-XX-835-2-XXX-N-CP	74,583	544	137
	L-8-XX-835-2-XXX-N-CP	85,238	618	138

Custom lumen/wattage output available with CFO option specified. Consult Factory.

Optical Distribution Variations

NRW + Lens
Medium distribution achieved using narrow optic in addition to any standard lens.
- Clear lens includes minimum 2.4% uplight
- White lens includes minimum 6% uplight



NRW Optic Only
Narrow optic achieved using a highly reflective parabolic reflector.
Includes 0% uplight component

Lumen Multipliers

Lens	
Standard = N (narrow optic) + No Lens	
N-NL (nominal)	100.0%
N-CA	92.6%
N-CP	85.4%

CCT	
Standard = 5000K CCT	
6500K	97.1%
5700K	98.4%
5000K (nominal)	100.0%
4000K	100.0%
3500K	97.1%
3000K	93.2%
2700K	90.6%

CRI	
Standard = 80 CRI	
80 CRI (nominal)	100.0%
90 CRI	
6500K (90 CRI)	83.4%
5700K (90 CRI)	83.7%
5000K (90 CRI)	83.7%
4000K (90 CRI)	83.7%
3500K (90 CRI)	82.2%
3000K (CRI 90)	79.8%
2700K (CRI 90)	75.9%

Emergency Battery Performance
(Data Based on 3500K, 80CRI and No Lens)

Integral EM Options

E10 (10 Watt EM)		E15 (15 Watt EM)		E20 (20 Watt EM)	
Lens Option	Delivered Lumens	Lens Option	Delivered Lumens	Lens Option	Delivered Lumens
N-NL	1,783	N-NL	2,667	N-NL	3,567
N-CA	1,710	N-CA	2,557	N-CA	3,420
N-CP	1,578	N-CP	2,360	N-CP	3,156

Field-Installable (Non-Integral) EM Options

E30 (30 Watt EM)	
Lens Option	Delivered Lumens
N-NL	5,334
N-CA	5,114
N-CP	4,720

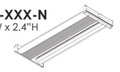
775.200.0707 ● luxdynamics.com ● Revised 05/28/2025

2' Length Narrow Optic 840 and 850 Options ONLY

Standard Configurations

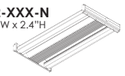
Part #
L-1-SA-XXX-2-XXX-N
- 24.14"L x 9.18"W x 2.4"H
- Weight: 5 LBS

1 Bar
1 Channel



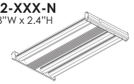
Part #
L-2-SA-XXX-2-XXX-N
- 24.14"L x 12.18"W x 2.4"H
- Weight: 7 LBS

2 Bar
1 Channel



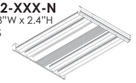
Part #
L-3-SA-XXX-2-XXX-N
- 24.14"L x 15.18"W x 2.4"H
- Weight: 9 LBS

3 Bar
1 Channel



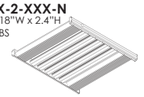
Part #
L-4-SA-XXX-2-XXX-N
- 24.14"L x 18.18"W x 2.4"H
- Weight: 11 LBS

4 Bar
1 Channel



Part #
L-5-DA-XXX-2-XXX-N
- 24.14"L x 27.18"W x 2.4"H
- Weight: 16 LBS

5 Bar
2 Channel

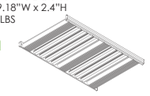


Part #
L-6-DA-XXX-2-XXX-N
- 24.14"L x 30.18"W x 2.4"H
- Weight: 18 LBS

6 Bar
2 Channel

Part #
L-7-TA-XXX-2-XXX-N
- 24.14"L x 39.18"W x 2.4"H
- Weight: 23 LBS

7 Bar
3 Channel



Part #
L-8-TA-XXX-2-XXX-N
- 24.14"L x 42.18"W x 2.4"H
- Weight: 25 LBS

8 Bar
3 Channel

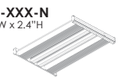
Other Common Configurations

Part #
L-1-SB-XXX-2-XXX-N
- 24.14"L x 2.4"W x 9.18"H
- Weight: 5 LBS

1 Bar
1 Channel

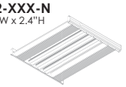
Part #
L-2-DA-XXX-2-XXX-N
- 24.14"L x 18.18"W x 2.4"H
- Weight: 10 LBS

2 Bar
2 Channel



Part #
L-3-DA-XXX-2-XXX-N
- 24.14"L x 21.18"W x 2.4"H
- Weight: 12 LBS

3 Bar
2 Channel

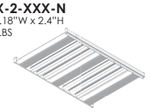


Part #
L-4-DA-XXX-2-XXX-N
- 24.14"L x 24.18"W x 2.4"H
- Weight: 14 LBS

4 Bar
2 Channel

Part #
L-6-TA-XXX-2-XXX-N
- 24.14"L x 36.18"W x 2.4"H
- Weight: 21 LBS

6 Bar
3 Channel



2' Length Narrow Optic 835 and 90CRI Options ONLY

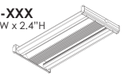
Standard Configurations

Part #
L-1-SA-XXX-2-XXX
- 24.75"L x 9.18"W x 2.4"H
- Weight: 5 LBS

1 Bar
1 Channel

Part #
L-2-SA-XXX-2-XXX
- 24.75"L x 12.18"W x 2.4"H
- Weight: 7 LBS

2 Bar
1 Channel

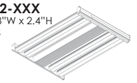


Part #
L-3-SA-XXX-2-XXX
- 24.75"L x 15.18"W x 2.4"H
- Weight: 9 LBS

3 Bar
1 Channel

Part #
L-4-SA-XXX-2-XXX
- 24.75"L x 18.18"W x 2.4"H
- Weight: 11 LBS

4 Bar
1 Channel



Part #
L-5-DA-XXX-2-XXX
- 24.75"L x 27.18"W x 2.4"H
- Weight: 16 LBS

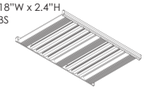
5 Bar
2 Channel

Part #
L-6-DA-XXX-2-XXX
- 24.75"L x 30.18"W x 2.4"H
- Weight: 18 LBS

6 Bar
2 Channel

Part #
L-7-TA-XXX-2-XXX
- 24.75"L x 39.18"W x 2.4"H
- Weight: 23 LBS

7 Bar
3 Channel



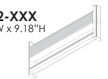
Part #
L-8-TA-XXX-2-XXX
- 24.75"L x 42.18"W x 2.4"H
- Weight: 25 LBS

8 Bar
3 Channel

Other Common Configurations

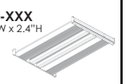
Part #
L-1-SB-XXX-2-XXX
- 24.75"L x 2.4"W x 9.18"H
- Weight: 5 LBS

1 Bar
1 Channel



Part #
L-2-DA-XXX-2-XXX
- 24.75"L x 18.18"W x 2.4"H
- Weight: 10 LBS

2 Bar
2 Channel



Part #
L-3-DA-XXX-2-XXX
- 24.75"L x 21.18"W x 2.4"H
- Weight: 12 LBS

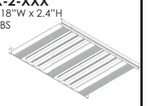
3 Bar
2 Channel

Part #
L-4-DA-XXX-2-XXX
- 24.75"L x 24.18"W x 2.4"H
- Weight: 14 LBS

4 Bar
2 Channel

Part #
L-6-TA-XXX-2-XXX
- 24.75"L x 36.18"W x 2.4"H
- Weight: 21 LBS

6 Bar
3 Channel

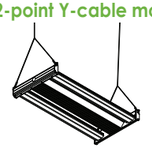


IK10 Series - High Lumen Family TYPE LS1 LUX dynamics

Mounting Options

Cable Mount

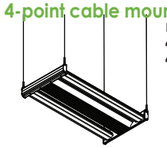
2-point Y-cable mount



Part Numbers:
10Y, 20Y, 30Y

Description:
- "10", "20", "30" represents length in feet
- Galvanized steel cable and hook
- Some configurations may be unbalanced, 4-point hanger recommended for unbalanced fixtures, contact Factory for more information

4-point cable mount



Part Numbers:
4P10, 4P20
4P10S, 4P20S

Description:
- "10", "20", "30" represents length in feet
- "S" in part number denotes natatorium-grade 316 stainless steel, recommended for natatoriums and other caustic environments

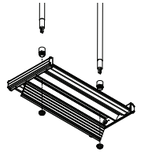
Stem Mount

1-point rigid stem mount

Part Numbers:
MH1
MH1S

Description:
- 3/4" IP threaded hub to mount to 3/4" conduit or stem (other hub diameters available, contact factory for options)
- Galvanized steel is standard, for stainless steel use "s" in part number
- Stem/threaded rod not provided
- Not available on all models and options
- Cord installed through fixture end cap when ordered with stem mount option
- Cord NOT installed when power feed is routed through stem

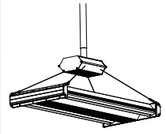
2-point rigid stem mount



Part Numbers:
MH2
MH2S

Description:
- 3/4" IP threaded hub to mount to 3/4" conduit or stem (other hub diameters available, contact factory for options)
- Galvanized steel is standard, for stainless steel use "s" in part number
- Stem/threaded rod not provided
- Not available on all models and options
- Cord installed through fixture end cap when ordered with stem mount option
- Cord NOT installed when power fees is routed through stem

Threaded junction box for single point mount



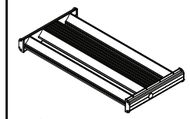
Part Number for 3' Cable Lengths:
SPM3'

Part Number for 5' Cable Lengths:
SPM5'

Description:
- 3/4" IP threaded hub attached to 3" x 6" x 6" junction box with (4) fixed-length cables (3' and 5') for fixture mounting
- Power cord ordered separately

Surface Mount

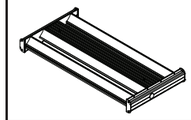
Surface mounting (no additional hardware or mounting holes supplied)



Part Number:
SM

Description:
- Fixture may be anchored flush to any suitable substrate through electronics channel
- No additional hanging hardware provided

Surface mount - 3/8" mounting holes supplied

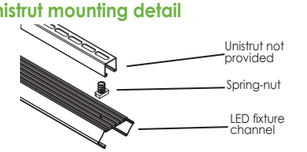


Part Number:
SMH

Description:
- Fixture may be anchored to any suitable substrate through electronics channel
- (2) 3/8" mounting holes provided per electronics channel, centered 2" from the end of the aluminum extrusion

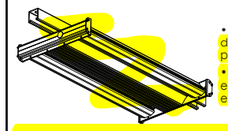
Unistrut Mount

Unistrut mounting detail



2-point Unistrut hardware

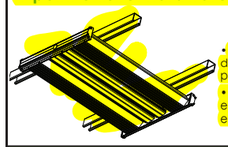
Part Number: **UM2**



Description:
- Unistrut hardware includes (2) sets of 3/8" diameter spring-nuts, bolts, mounting holes provided
- (2) 3/8" mounting holes provided per electronics channel, centered 2" from the end of the aluminum extrusion

4-point Unistrut hardware

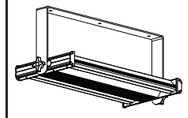
Part Number: **UM4**



Description:
- Unistrut hardware includes (4) sets of 3/8" diameter spring-nuts, bolts, mounting holes provided
- (4) 3/8" mounting holes provided per electronics channel, centered 2" from the end of the aluminum extrusion

Yoke Mount

Yoke Mount

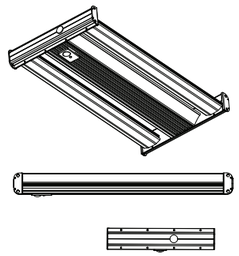


Part Number:
YKx **("x" to change based on fixture)**

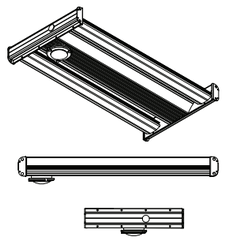
Description:
- Adjustable or static yoke mounts allows for ceiling or wall mounting, contact Factory
- Power cord ordered separately
- Yoke mount is installed on the fixture before shipping
- Hardware to secure mount to structural surface NOT provided
- Not suitable for WET locations

120-277V Sensors

OC



DO

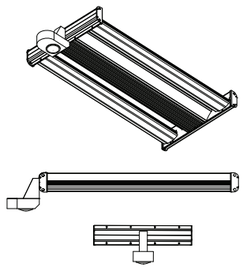


OC	
120V-277V Occupancy Sensor (On/Off)	
Control Type	Occupancy-PIR (line voltage)
Ambient Temperature	0°C to 55°C
Mounting Height	15' to 40'
Coverage Area	Suggested: 1 to 1 spacing to mounting height ratio

DO	
120V-277V Daylight Harvesting and Occupancy Sensor (On/Off and 0-10V Dimming)	
Control Type	Occupancy-PIR (line voltage & 0-10V) DLH-Photocell (line voltage & 0-10V)
Ambient Temperature	-40°C to 70°C
Mounting Height	8' to 40'
Coverage Area	100' diameter (@ 40' Mounting Height)

347-480V Sensor

OCKH/DOKH

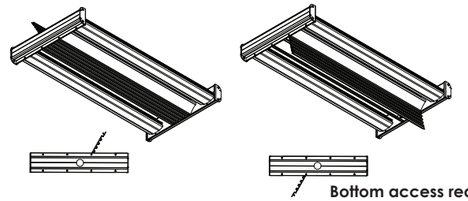


OCKH	
347V-480V Occupancy Sensor (On/Off)	
Control Type	Occupancy-PIR (line voltage & 0-10V)
Ambient Temperature	-10°C to 60°C
Mounting Height	15' to 45'
Coverage Area	15' to 20' radial coverage (30'-40' diameter) typical

DOKH	
347V-480V Daylight Harvesting and Occupancy Sensor (On/Off and 0-10V Dimming)	
Control Type	Occupancy-PIR (line voltage & 0-10V) DLH-Photocell (line voltage & 0-10V)
Ambient Temperature	-10°C to 60°C
Mounting Height	15' to 45'
Coverage Area	15' to 20' radial coverage (30'-40' diameter) typical

IK10+ Series - High Lumen Family TYPE LS1 LUX dynamics

Electronics Channel Access

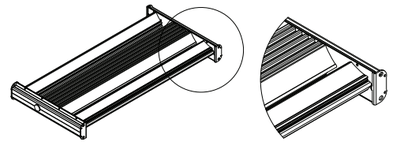


Top Access: Channels open from above the fixture. The driver chamber can be accessed as if it were sitting on a table.
To specify "Top Access", use part number:
"T"

Bottom Access: Channels open from below the fixture. The driver chamber is accessed from above the installer.
To specify "Bottom Access", use part number:
"B"

Bottom access required for wet location

Independently Rotatable LED Bars



Rotatable Bars: Each LED bar can be rotated independently in manufacturing process or in the field. Contact factory for more options.

To specify "Rotatable Bars", add part number:
"R"

Fixed BARs required for gym and high abuse environments

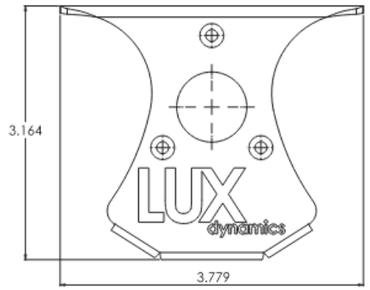
TYPE LS2

Yellow highlights are information for the proposed light fixture.

LUX HIGHline®

LUX dynamics

Extruded aluminum architectural and task lighting LED luminaire for use in applications including, but not limited to subways, parking garages, airports, and office spaces.



Surface Mount

Surface mount endcap
(surface-mounting hardware provided by others)

HIGH 4 835 U10

	Delivered lumens with 3500K color / WA lens	Other color rendering indexes and color temperatures are available. Consult factory.	Other driver options available. Consult factory.
Series	Length	CRI / CCT	Voltage and Dimming
HIGH	**2** 7,744lm	**865** 80CRI 6500K	**U10** 120-277V 0-10V dimming 10% min.
	4-6lm 6,058lm	**857** 80CRI 5700K	**U1** 120-277V 0-10V dimming 1% min.
	4-10lm 9,707lm	**850** 80CRI 5000K	**H10** 347-480V 0-10V dimming 10% min.
	4 15,488lm	**840** 80CRI 4000K	**H1** 347-480V 0-10V dimming 1% min.
	8 30,976lm	**835** 80CRI 3500K	
		830 80CRI 3000K	
		827 80CRI 2700K	
		950 90CRI 5000K	
		940 90CRI 4000K	
		935 90CRI 3500K	
		927 90CRI 2700K	
		TW* Tunable White	
		RGBW* RBG with XXX	
		GREYED options not stocked and may need additional lead time *Options significantly reduces lumen output, contact Factory for more information	**Dimming curves and other operating characteristics may vary between models**

Light fixture detail for Type LS2.
Existing Unistrut will be used to mount the new light linear light fixture.

If needed additional Unistrut will be added to existing Unistrut mount for additional support.

LUX HIGHline®

TYPE LS2

LUX dynamics

Extruded aluminum architectural and task lighting LED luminaire for use in applications including, but not limited to subways, parking garages, airports, and office spaces.

Performance

- Lumen output: **Up to 4,550 lumens per foot**
- Efficacy: **Up to 161 Lumens per Watt**
- L_{70} (per TM-21): **72,000 Hours**
- L_{70} (calculated): **147,000 Hours**
- Ambient Temp. Rating: **-40°F to 113°F (-40°C to 45°C)**
  Ambient temperature rating varies for auxiliary components
- Surge Protection: **6kV**
- Driver: **120-277V input, 0-10V Dimming (1% min. optional)**
  347-480V input, 0-10V Dimming (1% min. optional)

Construction

- Extruded 6463 aluminum construction
- Stainless-steel hardware
- Bright dip anodized fixture body

Optics

- Wide 120° beam angle LEDs
- Diffusing lens available in frosted and clear material
- Lens may be acrylic or polycarbonate material

Warranty

- 10-Year Warranty on fixture body
- 5-Year Warranty on electronics
- For special requests, contact factory

Applications

- Office/Commercial
- Education
- Industrial/Task
- Inspection
- Parking Garage
- Natatorium
- Gymnasium
- Cove Lighting

Installation

- Aircraft cable suspension
- Surface mounting
- For special requests, contact factory

Listings and Ratings

- UL 1598 for Dry, Damp, and Wet Locations
- ARRA Compliant (Made in America)
- DLC Listed
- IP55 Rated
- UL EPH Listed - NSF Rated
- Exceeds IK10 impact rating with polycarbonate lenses
- IK10 rating does not apply to acrylic lenses
- 3G Vibration Rated
- ARRA/BAA Compliant
- Conformal coated LED modules for WET locations

LUX HIGHline®

TYPE LS2

LUX dynamics

Example Catalog Number:

HIGH	4	835	U10
	Delivered lumens with 3500K color / WA lens	Other color rendering indexes and color temperatures are available. Consult factory.	Other driver options available. Consult factory.
Series	Length	CRI / CCT	Voltage and Dimming
HIGH	**2** 7,744lm **4-6lm** 6,058lm **4-10lm** 9,707lm **4** 15,488lm **8** 30,976lm	865 80CRI 6500K 857 80CRI 5700K **850** 80CRI 5000K **840** 80CRI 4000K **835** 80CRI 3500K 830 80CRI 3000K 827 80CRI 2700K 950 90CRI 5000K 940 90CRI 4000K 935 90CRI 3500K 927 90CRI 2700K **TW*** Tunable White **RGBW*** RBG with XXX GREYED options not stocked and may need additional lead time *Options significantly reduces lumen output, contact Factory for more information	**U10** 120-277V | 0-10V dimming | 10% min. **U1** 120-277V | 0-10V dimming | 1% min. **H10** 347-480V | 0-10V dimming | 10% min. **H1** 347-480V | 0-10V dimming | 1% min. **Dimming curves and other operating characteristics may vary between models**

Some CRI, CCT and other output variations may affect DLC listing; contact LUX for further information.

Options and Accessories

Endcap

HM	Hanger mount
SM	3G rated surface mount
TM	Tandem hanger or surface mount
AIM	Rotatable surface mount bracket

TM and AIM endcaps NOT acceptable for WET locations
Standard powdercoat white, contact LUX for options

Lensing

CA	Clear acrylic diffuse lens
CP	Clear polycarbonate diffuse lens
WA	White acrylic diffuse lens (standard)
WP	White polycarbonate diffuse lens

"2", "4", or "8" denotes fixture length

Lumen/Wattage Output

CFO	Custom fixture output (specify custom lumen output or wattage lower than standard)

Emergency

E20RL	20-watt remote battery available, contact LUX for options

Remote Mounting

(leave blank)	Standard integral driver(s)
RMS	Remote mount driver(s) - surface mount enclosure provided
RMC	Remote mount driver(s) - cable mount enclosure provided
RNK	Remote mount driver(s) - no enclosure provided

Restrictions may apply for certain applications, consult Factory
4' enclsoure standard, other enclosure lengths available, consult Factory

Mounting

2Pxx	2-point aircraft cable suspension - hook ends (galvanized)
2PxxS	2-point aircraft cable suspension - hook ends (stainless-steel)
SM	Surface mount, no additional hardware

20' and 30' cable lengths available, contact Factory for details

Cord

(leave blank)	No cord provided	
3/10	3-wire, 10'cord	Standard white
4/10	4-wire, 10'cord	Standard white
5/10	5-wire, 10'cord	Standard white
6/10	6-wire, 10'cord	Standard white

Other cord lengths available as well as multi-circuit wiring and through-wiring options.
Standard 1/2" knockout provided in endcap for cord installation.
1st digit: Number of wires, including ground. Available from 3 through 6.
2nd digit: Overall length, including strips. Available from 10' through 30'.

Finish

(leave blank)	Standard natatorium-grade bright dip anodized aluminum and white powdercoat endcaps, shown on specification sheet
M	Mill finish endcaps, standard bright dip anodized aluminum body
PC	Custom color by powdercoat. Must specify RAL number for endcap finish.
BLKG	Glossy black finish on all components
BLKM	Matte black finish on all components

Custom color anodized aluminum available in 2' configurations, consult Factory.
Nonstandard fixture finishes may reduce delivered lumens, consult Factory for details.

Controls

OC-KO	Knockout-mounted on/off occupancy sensor (120-277V input)
DO-KO	Knockout-mounted daylight harvesting sensor (120-277V input)
OCKH	High Voltage (347/480V) knockout-mounted on/off occupancy sensor, **not installed**
DOKH	High Voltage (347/480V) knockout-mounted high/low/off occupancyand daylight harvesting sensor, **not installed**
Wireless Controls	Multiple wireless control systems available. Contact Factory for options and details

Powerfeed

(leave blank) Power fed through endcap knockout
WB Wire through body, power feed through milled hole in fixture channel

Application (Select all that apply)

WET	Wet location	*(Includes conformal coated LED modules)*
COR*	Caustic and natatorium environments	*(Includes conformal coated LED modules)*
NSF	EPH rated for food-safe applications	
TC	Tennis court	*(Polycarbonate lensing recommended)*
MFG	Manufacturing or industrial	
WHS	Warehousing or storage	
HNG	Hangar	
GYM	Gymnasium or sports court	*(Polycarbonate lensing required)*
AFH	Arena or fieldhouse	*(Polycarbonate lensing recommended)*
ARCH	Architectural	*(White lensing recommended)*
COV	Cove lighting	
ICE	Ice rink	*(Polycarbonate lensing recommended)*
GAR	Garage or canopy	
FRZ	Freezer or cold storage	
BABA	Build America Buy America (BABA) compliant	*(Not all configurations meet BABA, consult Factory)*
DATA	Data entry and server rooms	
SW	Stairwells	

*COR application not suitable for all caustic environments, consult Factory
Lensing required for WET and COR applications
AIM endcap not suitable for WET applications
Consult Factory for cost adders for WET and COR applications

Lensing Multipliers

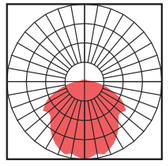
Lens	
Standard/Nominal = WA Lens	
Lumen Multipliers Compared to "Nominal"	
CA	107.3%
CP	101.2%
WA (nominal)	100.0%
WP	77.5%

CCT	
Standard/Nominal = 3500K CCT	
Lumen Multipliers Compared to "Nominal"	
6500K	100.0%
5700K	100.0%
5000K	103.2%
4000K	103.9%
3500K (nominal)	100.0%
3000K	95.0%
2700K	90.0%

CRI	
Standard/Nominal = 80 CRI	
Lumen Multipliers Compared to "Nominal"	
80 CRI (nominal)	100.0%
90 CRI Options	
6500K (90 CRI)	84.9%
5700K (90 CRI)	85.2%
5000K (90 CRI)	85.2%
4000K (90 CRI)	85.2%
3500K (90 CRI)	83.5%
3000K (CRI 90)	81.0%
2700K (CRI 90)	76.6%

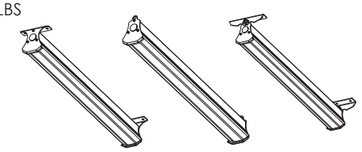
Optical Distribution Variations

Lensed (CA, CP, WA, or WP)
Achieved using any of our standard lenses



Technical Specifications

Part #
HIGH-2-850 (for 5000K), HIGH-2-840 (for 4000K) or **HIGH-2-835 (for 3500K)**
- 23.14"L x 3.75"W x 3.34"H
- Weight: 3 LBS



3500K

HIGH-2-835			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-2-835-U10-xx-CA	8,309	53.48	155
HIGH-2-835-U10-xx-CP	7,837	53.48	147
HIGH-2-835-U10-xx-WA	7,744	53.48	145
HIGH-2-835-U10-xx-WP	6,006	53.48	112

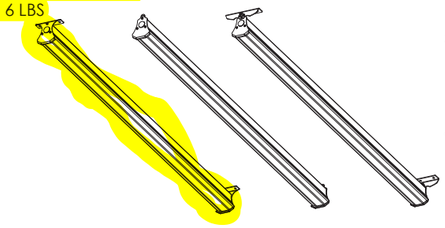
4000K

HIGH-2-840			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-2-840-U10-xx-CA	8,631	53.48	161
HIGH-2-840-U10-xx-CP	8,141	53.48	152
HIGH-2-840-U10-xx-WA	8,044	53.48	150
HIGH-2-840-U10-xx-WP	6,239	53.48	117

5000K

HIGH-2-850			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-2-850-U10-xx-CA	8,572	53.48	160
HIGH-2-850-U10-xx-CP	8,085	53.48	151
HIGH-2-850-U10-xx-WA	7,989	53.48	149
HIGH-2-850-U10-xx-WP	6,196	53.48	116

Part #
HIGH-4-850 (for 5000K), HIGH-4-840 (for 4000K) or **HIGH-4-835 (for 3500K)**
- 46.20"L x 3.75"W x 3.34"H
- Weight: 6 LBS



3500K

HIGH-4-835			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-4-835-U10-xx-CA	16,619	106.96	155
HIGH-4-835-U10-xx-CP	15,674	106.96	147
HIGH-4-835-U10-xx-WA	15,488	106.96	145
HIGH-4-835-U10-xx-WP	12,012	106.96	112

4000K

HIGH-4-840			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-4-840-U10-xx-CA	17,263	106.96	161
HIGH-4-840-U10-xx-CP	16,281	106.96	152
HIGH-4-840-U10-xx-WA	16,095	106.96	150
HIGH-4-840-U10-xx-WP	12,477	106.96	117

5000K

HIGH-4-850			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-4-850-U10-xx-CA	17,145	106.96	160
HIGH-4-850-U10-xx-CP	16,170	106.96	151
HIGH-4-850-U10-xx-WA	15,978	106.96	149
HIGH-4-850-U10-xx-WP	12,392	106.96	116

Non-Standard Lumen Output
HIGH-4-6lm for 6,000lm approx. or HIGH-4-10lm for 10,000lm approx.

3500K

HIGH-4-6lm-835			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-4-6lm-835-U10-xx-CA	6,500	38.25	170
HIGH-4-6lm-835-U10-xx-CP	6,128	38.25	160
HIGH-4-6lm-835-U10-xx-WA	6,058	38.25	158
HIGH-4-6lm-835-U10-xx-WP	4,698	38.25	123

HIGH-4-10lm-835			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-4-10lm-835-U10-xx-CA	10,416	62.05	168
HIGH-4-10lm-835-U10-xx-CP	9,820	62.05	158
HIGH-4-10lm-835-U10-xx-WA	9,707	62.05	156
HIGH-4-10lm-835-U10-xx-WP	7,527	62.05	121

4000K

HIGH-4-6lm-840			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-4-6lm-840-U10-xx-CA	6,752	38.25	177
HIGH-4-6lm-840-U10-xx-CP	6,366	38.25	166
HIGH-4-6lm-840-U10-xx-WA	6,293	38.25	165
HIGH-4-6lm-840-U10-xx-WP	4,880	38.25	128

HIGH-4-10lm-840			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-4-10lm-840-U10-xx-CA	10,819	62.05	174
HIGH-4-10lm-840-U10-xx-CP	10,200	62.05	164
HIGH-4-10lm-840-U10-xx-WA	10,083	62.05	162
HIGH-4-10lm-840-U10-xx-WP	7,819	62.05	126

5000K

HIGH-4-6lm-850			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-4-6lm-850-U10-xx-CA	6,706	38.25	175
HIGH-4-6lm-850-U10-xx-CP	6,322	38.25	165
HIGH-4-6lm-850-U10-xx-WA	6,250	38.25	163
HIGH-4-6lm-850-U10-xx-WP	4,846	38.25	127

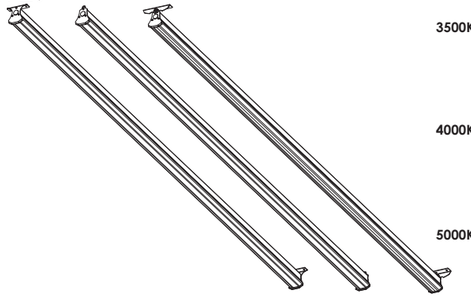
HIGH-4-10lm-850			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-4-10lm-850-U10-xx-CA	10,745	62.05	173
HIGH-4-10lm-850-U10-xx-CP	10,130	62.05	163
HIGH-4-10lm-850-U10-xx-WA	10,014	62.05	161
HIGH-4-10lm-850-U10-xx-WP	7,766	62.05	125

Technical Specifications Cont.

Part #

HIGH-8-850 (for 5000K), HIGH-8-840 (for 4000K) or **HIGH-8-835 (for 3500K)**

- 91.20"L x 3.75"W x 3.34"H
- Weight: 11 LBS



3500K

HIGH-8-835			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-8-835-U10-xx-CA	33,238	213.91	155
HIGH-8-835-U10-xx-CP	31,348	213.91	147
HIGH-8-835-U10-xx-WA	30,976	213.91	145
HIGH-8-835-U10-xx-WP	24,025	213.91	112

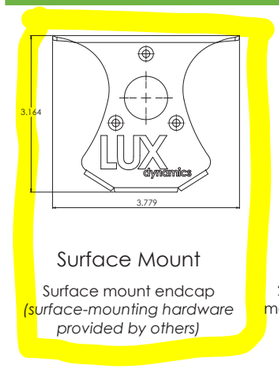
4000K

HIGH-8-840			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-8-840-U10-xx-CA	34,525	213.91	161
HIGH-8-840-U10-xx-CP	32,562	213.91	152
HIGH-8-840-U10-xx-WA	32,190	213.91	150
HIGH-8-840-U10-xx-WP	24,955	213.91	117

5000K

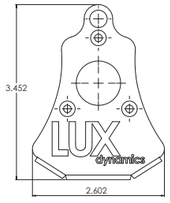
HIGH-8-850			
Lens Option	Delivered Lumens	Wattage	Efficacy
HIGH-8-850-U10-xx-CA	34,289	213.91	160
HIGH-8-850-U10-xx-CP	32,340	213.91	151
HIGH-8-850-U10-xx-WA	31,956	213.91	149
HIGH-8-850-U10-xx-WP	24,785	213.91	116

Endcap Option Details



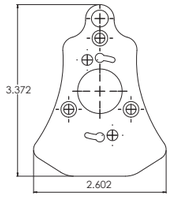
Surface Mount

Surface mount endcap *(surface-mounting hardware provided by others)*



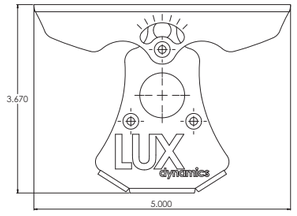
Hanger Mount

2Pxx, 2PxxS: Aircraft cable mounting with snap hooks (xx *denotes cable length)*



Tandem Mount

2Pxx, 2PxxS: Aircraft cable mounting with snap hooks (xx *denotes cable length)*

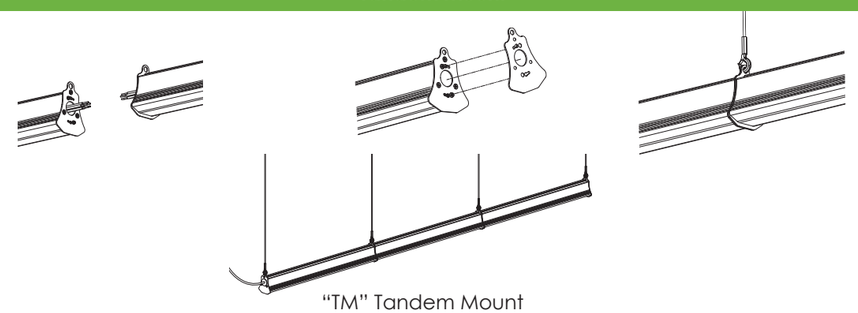


Rotatable Surface Mount

Rotatable surface mount endcap *(surface-mounting hardware provided by others)*

LUX HIGHline
TYPE LS2 LUX dynamics

Tandem Mount



"TM" Tandem Mount

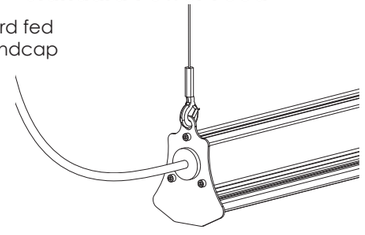
Hanger Mounting

- Consult factory for tandem mounting options
- Near seamless runs of fixtures in 2', 4', and 8' increments
- Tandem-bracket locking mechanism allows for easy installation
- Run length limitations may exist depending on application
- Wire connectors provided to splice tandem fixtures together

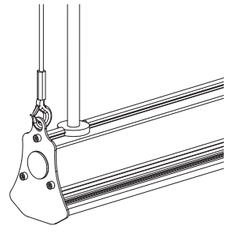
Electrical Connections

Standard Power Feed

Power cord fed through endcap



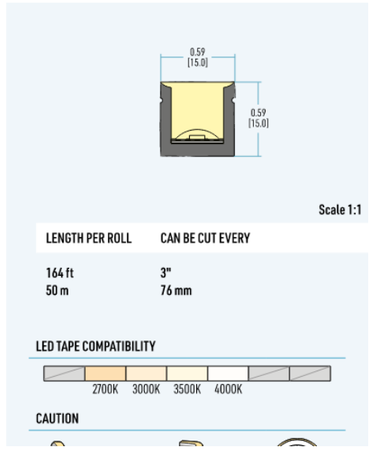
"WB" Power Feed

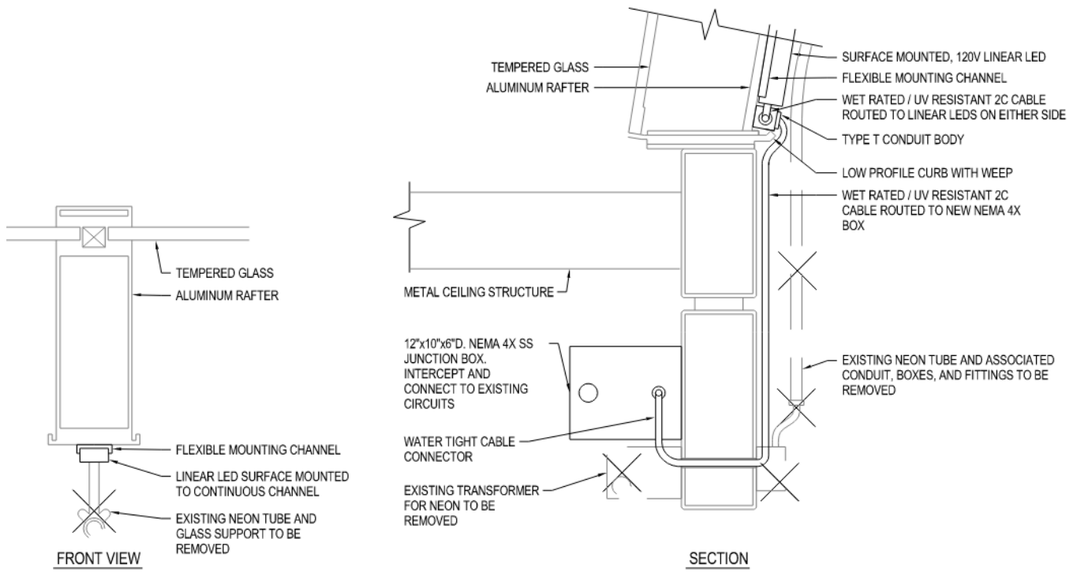


Power cord fed through machined hole in electronics channel

TYPE LN1

SLX NEON 15X15VB





DETAIL NOTES:

1. MOUNT LINEAR LED PER MANUFACTURER'S INSTRUCTIONS.
2. ELECTRICAL INSTALLATION INCLUDING ALL MATERIALS MUST BE RATED FOR WET LOCATION.
3. ELECTRICAL INSTALLATIONS TO BE SECURED TO STRUCTURE USING STAINLESS STEEL SELF TAPPING SCREWS.
4. CONDUIT, JUNCTION BOXES, MOUNTING EQUIPMENT, AND ASSOCIATED HARDWARE SHALL BE PAINTED TO MATCH BACKGROUND SURFACE COLOR.

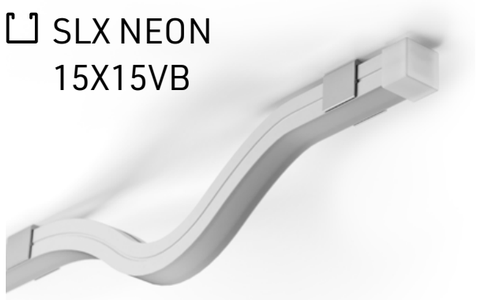
TYPE LN1 LED NEON REPLACEMENT DETAIL

4

Existing Neon lights will be replaced with Type LN1

TYPE LN1

SLX NEON 15X15VB



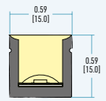
The **SLX Neon 15x15 VB** is a line voltage **120V** flexible silicone channel that bends up and down on the vertical axis. It provides a beautifully diffused uniform linear light. Designed to illuminate along curved surfaces. Resistant to UV light.

PRODUCT FEATURES

- 120VAC, 15x15mm, Vertical Bend, Min.section 3", Max.run 164'.
- IP65 silicone extrusion,matte coated process,smooth surface and dustproof.
- Dot free and perfectly homogeneous linear LED light line.
- Constant current design,overvoltage protection.
- Do not need transformer box to change AC to DC, connect with line voltage directly.
- For dimming applications, please use our LTN series drivers.
- With bared power cords with surge protector.
- ETL certified,5 years warranty for indoor use and 3 years warranty for outdoor use.
- Ambient working temperature -40°C to 40°C (-40°F to 104°F).

SUGGESTED APPLICATIONS

- bars
- displays
- shelving
- toe kick
- under cabinet
- cove



Scale 1:1

LENGTH PER ROLL	CAN BE CUT EVERY
164 ft 50 m	3" 76 mm

LED TAPE COMPATIBILITY

CAUTION

LOCATION RATING

OTHER OPTIONS

dot-free

LUMINARE CUT SHEET Type: LN1

DSTT LIGHTING IMPROVEMENT
CN 0113-25
SEATTLE, WA

Note: This Fixture Cut Is For Information Only. Refer To Specs For All Catalogue Numbers, Lamps Finishes, Accessories, Etc.

TYPE LN1

STATIC WHITE ORDERING SHEET

1 Channel	2 Mounting	3 Lumen Package	4 CCT	5 Power Feed	6 Input / Output	7 Length, in
NS1515V	- MCCF	- LPL	- K40	- PCHX	-	-

1 CHANNEL
- NS1515V

2 MOUNTING
- MCFL - Flat surface bracket
- MCCR - Mount. channel, rigid
- MCCF - Mount. channel, flexible
- MNO - No mounting

3 LUMEN PACKAGE
- 120V - 120VAC

4 CCT
- K27 - 2700K
- K30 - 3000K
- K35 - 3500K
- K40 - 4000K

5 POWER FEED
- PCH3 - Hardwire, 3ft wire
- PCHX - Hardwire, custom length *(6" -35" / 15 cm - 90 cm)*

6 INPUT / OUTPUT
- WSE - Simple lead-in, end feed
- WPE - Pass-through, end feed

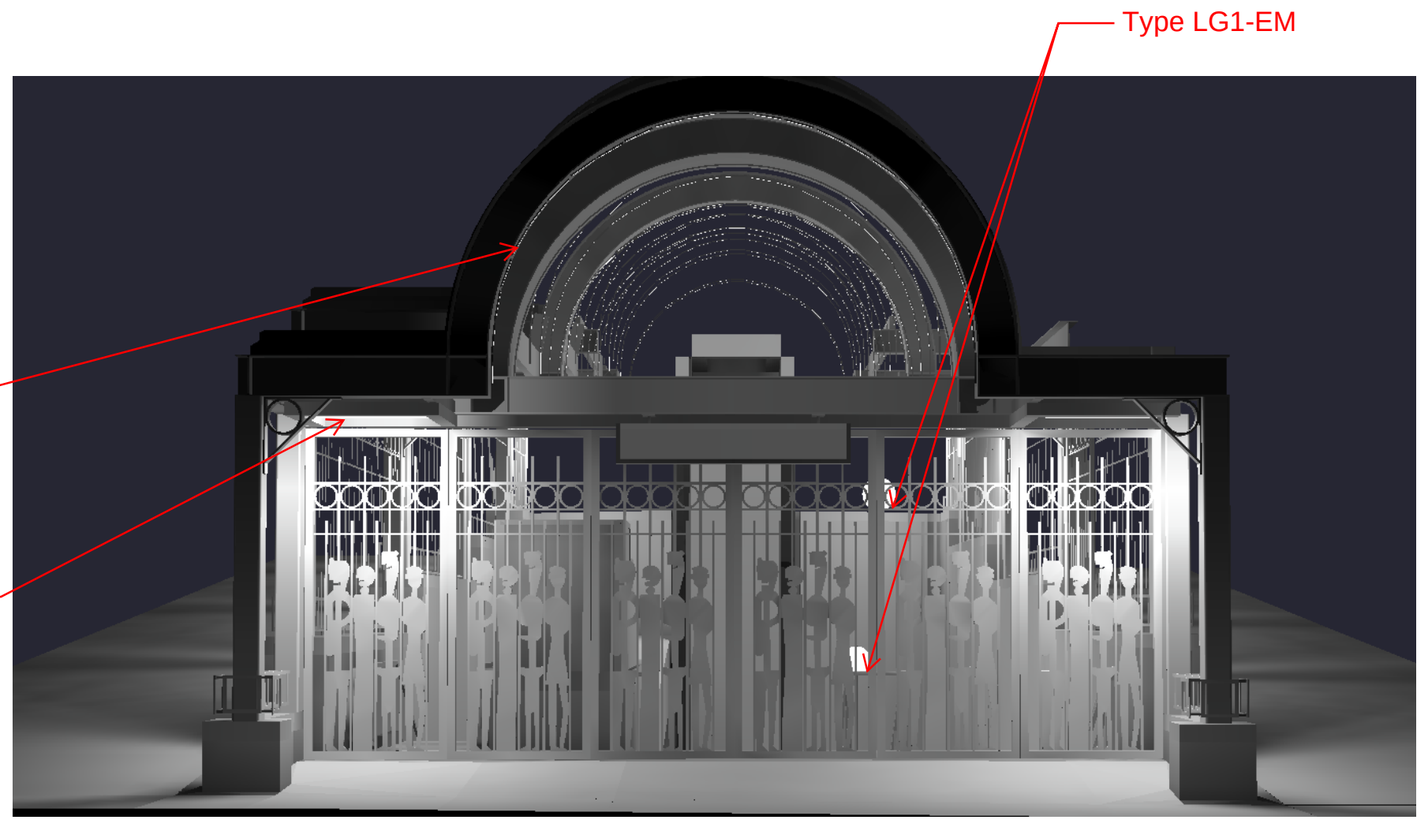
7 LENGTH*
Length of the luminaire in inches.
**Can be cut every 3 inches.*

SLX Neon 15x15 VB	120VAC	hardwire connection, 3'	120" fixture
NS1515V -	MCFL -	120V -	K30 - PCH3 - WSE - 120
	flat bracket	CCT 3000 K	end feed lead-in only

lumentruss
info@lumentruss.com / www.lumentruss.com / 1-855-384-3384
LumenTruss™. All rights reserved.
LUMINARE CUT SHEET Type: LN1
DSTT LIGHTING IMPROVEMENT
CN 0113-25
SEATTLE, WA
Note: This Fixture Cut Is For Information Only. Refer To Specs For All Catalogue Numbers, Lamps Finishes, Accessories, Etc.

Pioneer Square Station (Prefontaine)
entrance along 2rd Avenue

Pioneer Square Station (Prefontaine) entrance along 2nd Avenue.
3D Rendering with Type LG1-EM, Type LS1, and Type LN1 light fixtures.

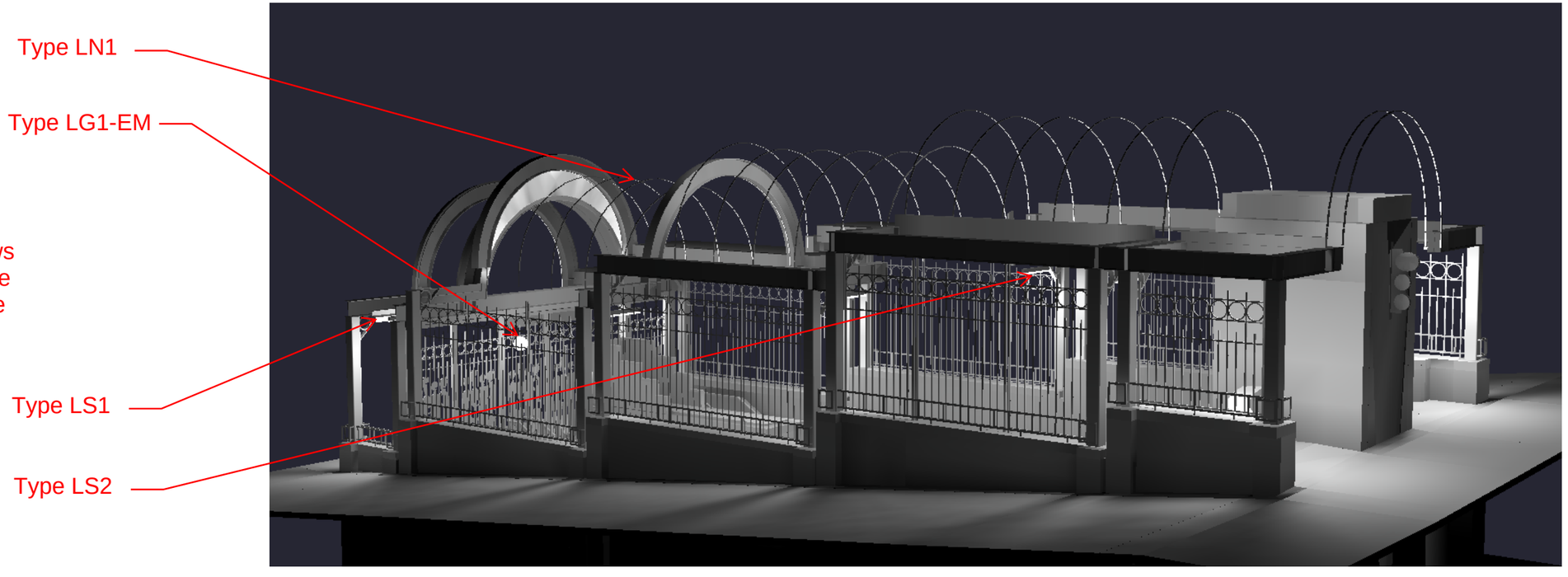


NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.

Pioneer Square Station (Prefontaine) along 3rd Avenue
PHOTO TAKEN IN 2019

Pioneer Square Station (Prefontaine) along 3rd Avenue. 3D Rendering with Type LG1-EM, Type LS1, Type LS2 and Type LN1 light fixtures.

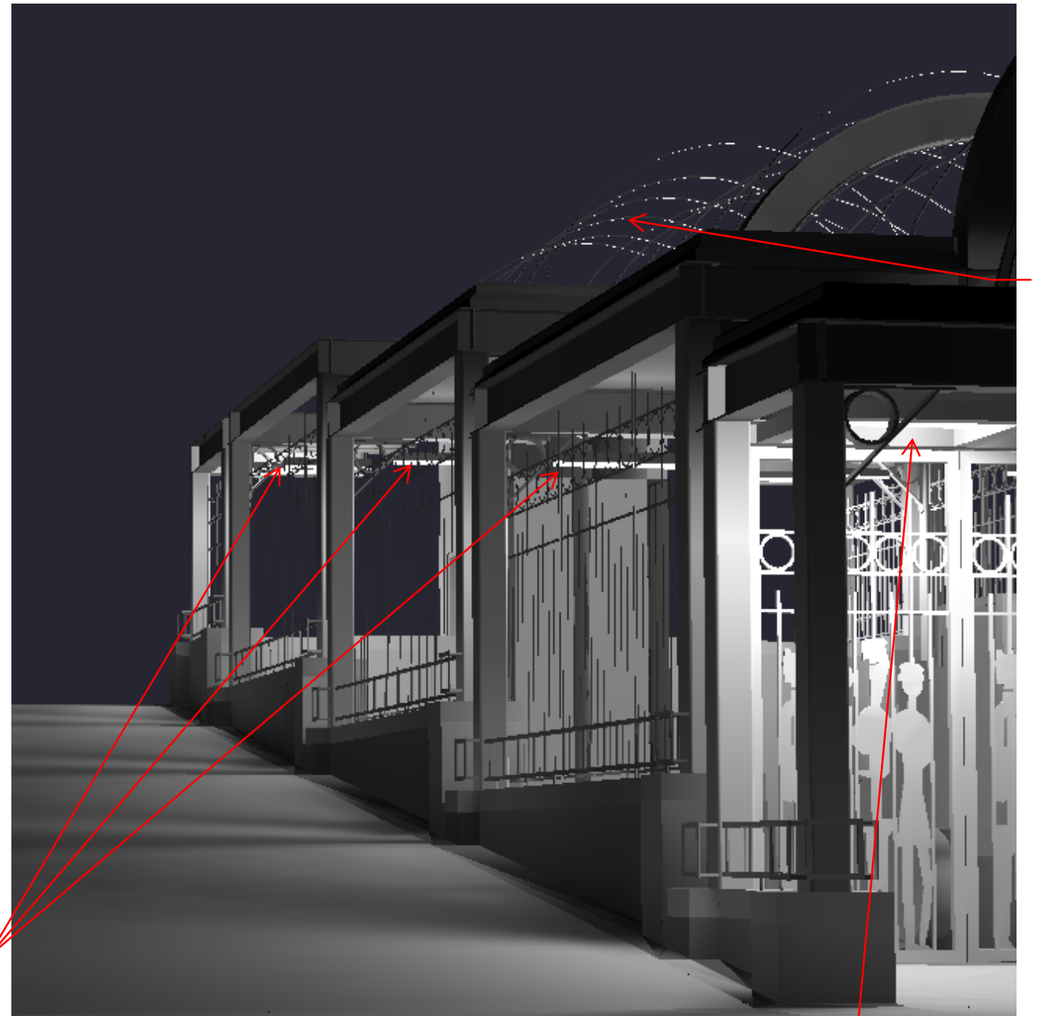
NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.



Pioneer Square Station (Prefontaine)
Jefferson Street to 3rd Avenue

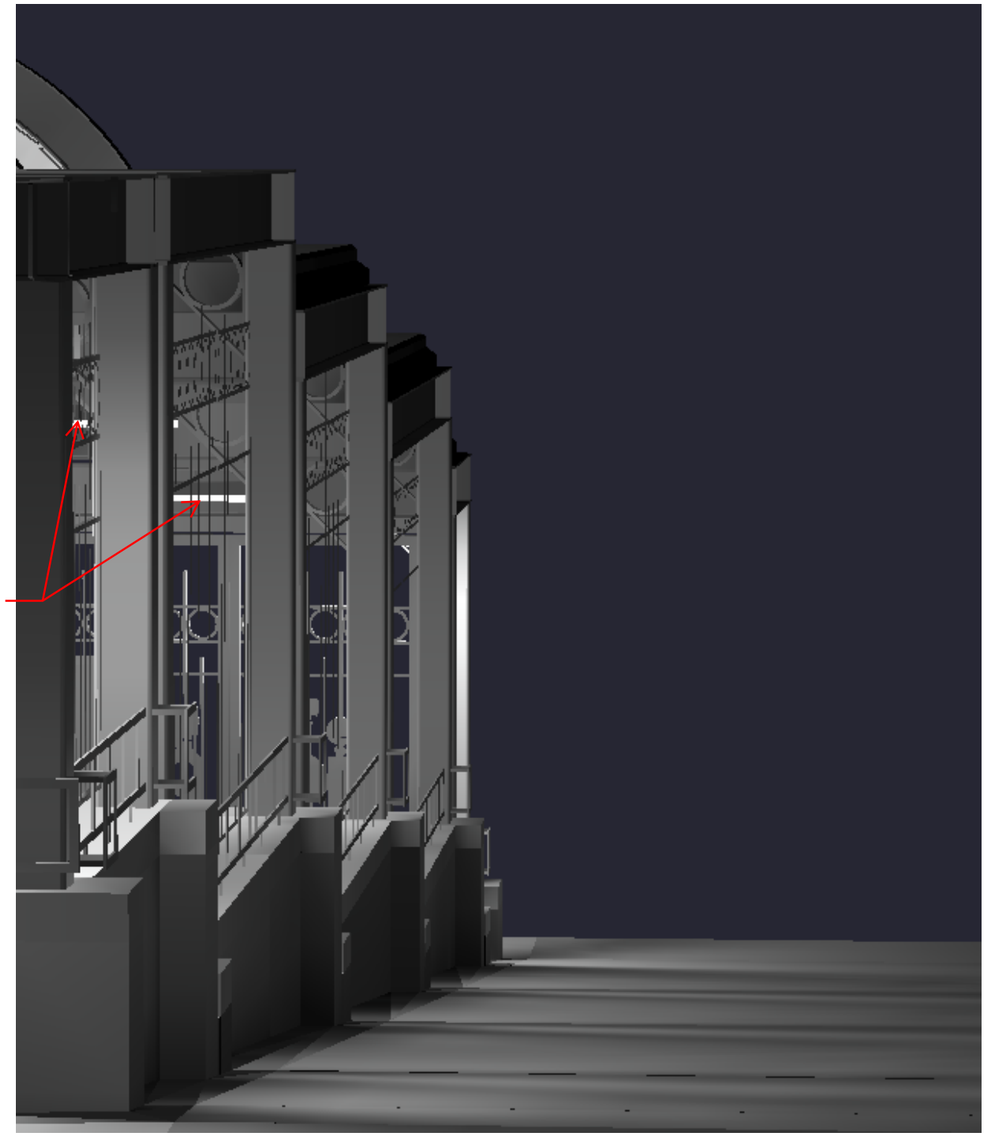
NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.

Pioneer Square Station (Prefontaine) Jefferson Street to 3rd Avenue 3D Rendering with Type LS1, Type LS2, and Type LN1 light fixtures.



Pioneer Square Station (Prefontaine)
Jefferson Street to 2rd Avenue

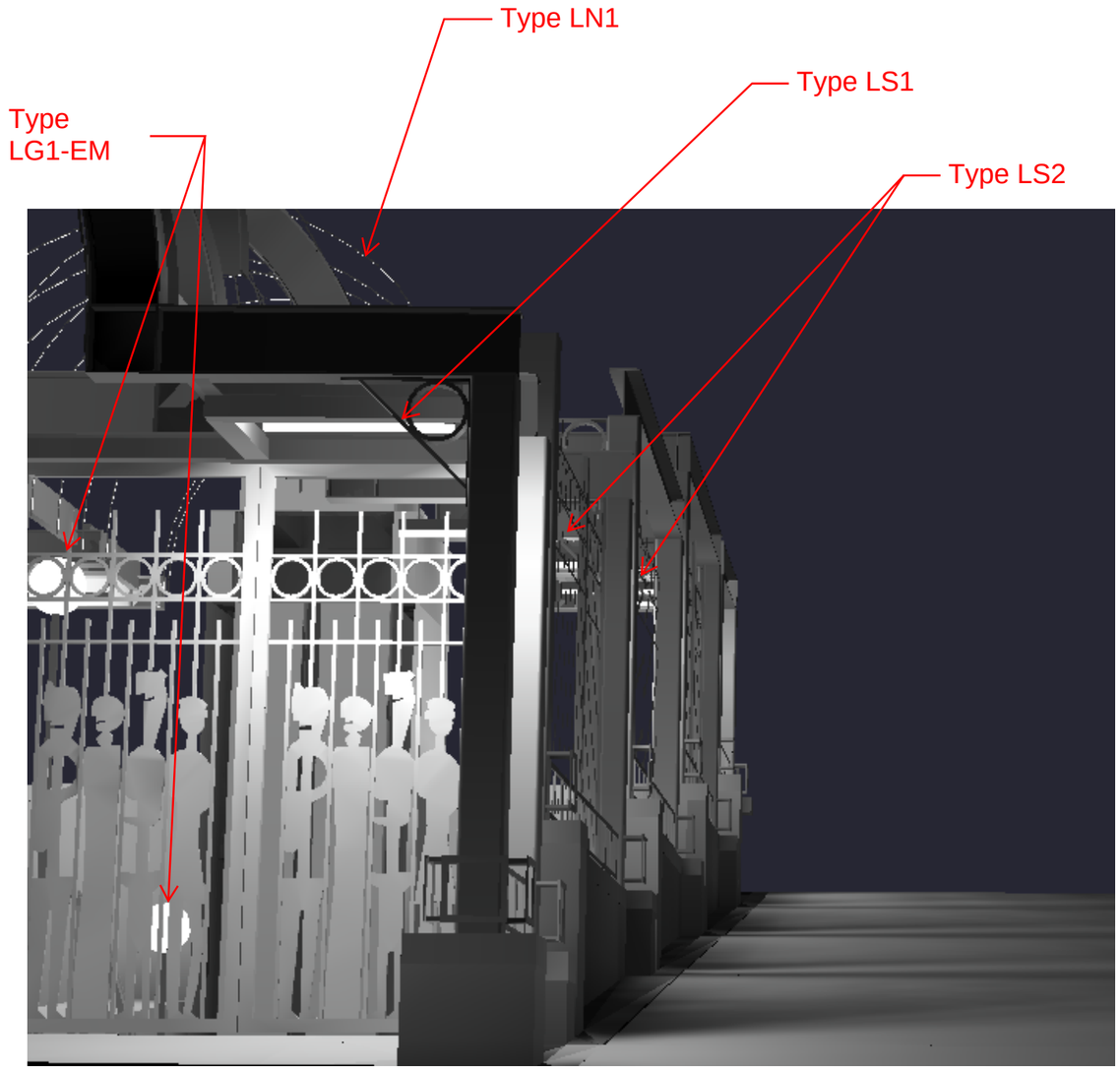
Pioneer Square Station (Prefontaine) Jefferson Street to 2nd Avenue
3D Rendering with Type LS2 light fixtures.



NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.

Pioneer Square Station (Prefontaine)
Yesler Way to 3rd Avenue

NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.

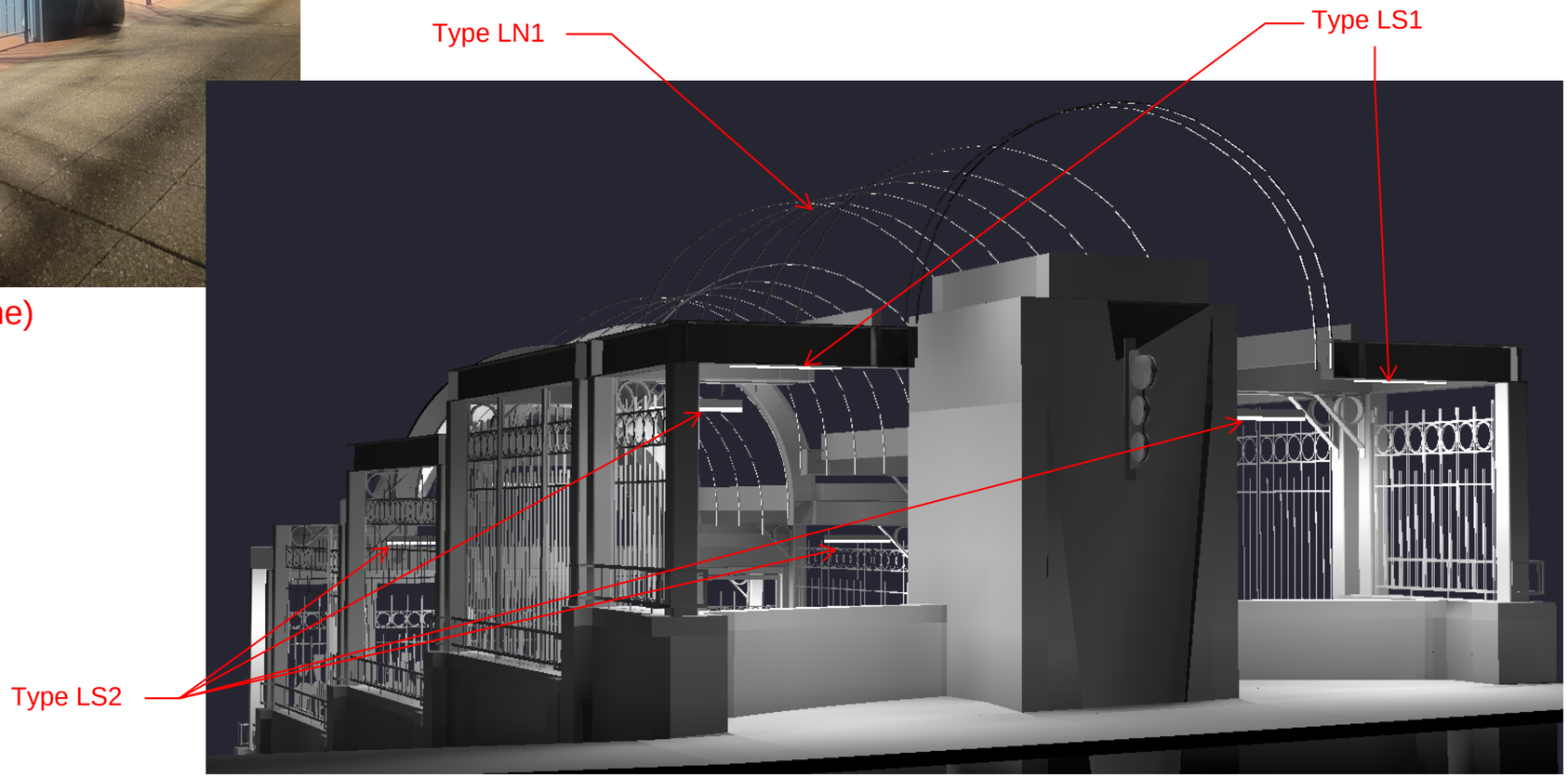


Pioneer Square Station (Prefontaine) Yesler Way to 2nd Avenue
3D Rendering with Type LG1-EM, Type LS1, and Type LN1 light fixtures.

Pioneer Square Station (Prefontaine) from 3rd Avenue

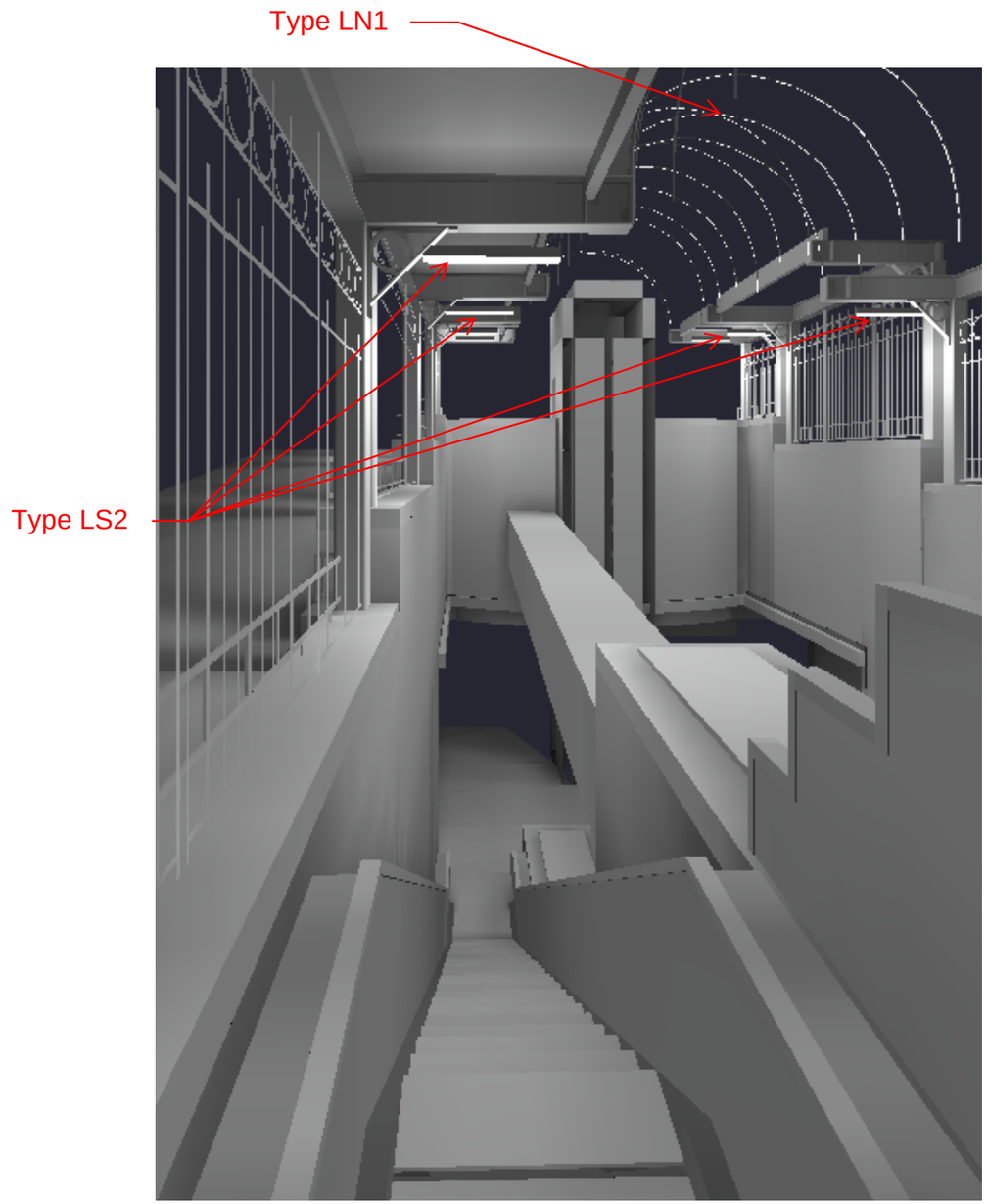
NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.

Pioneer Square Station (Prefontaine) from 3rd Avenue
3D Rendering with Type LG1-EM, Type LS1, and Type LN1 light fixtures.

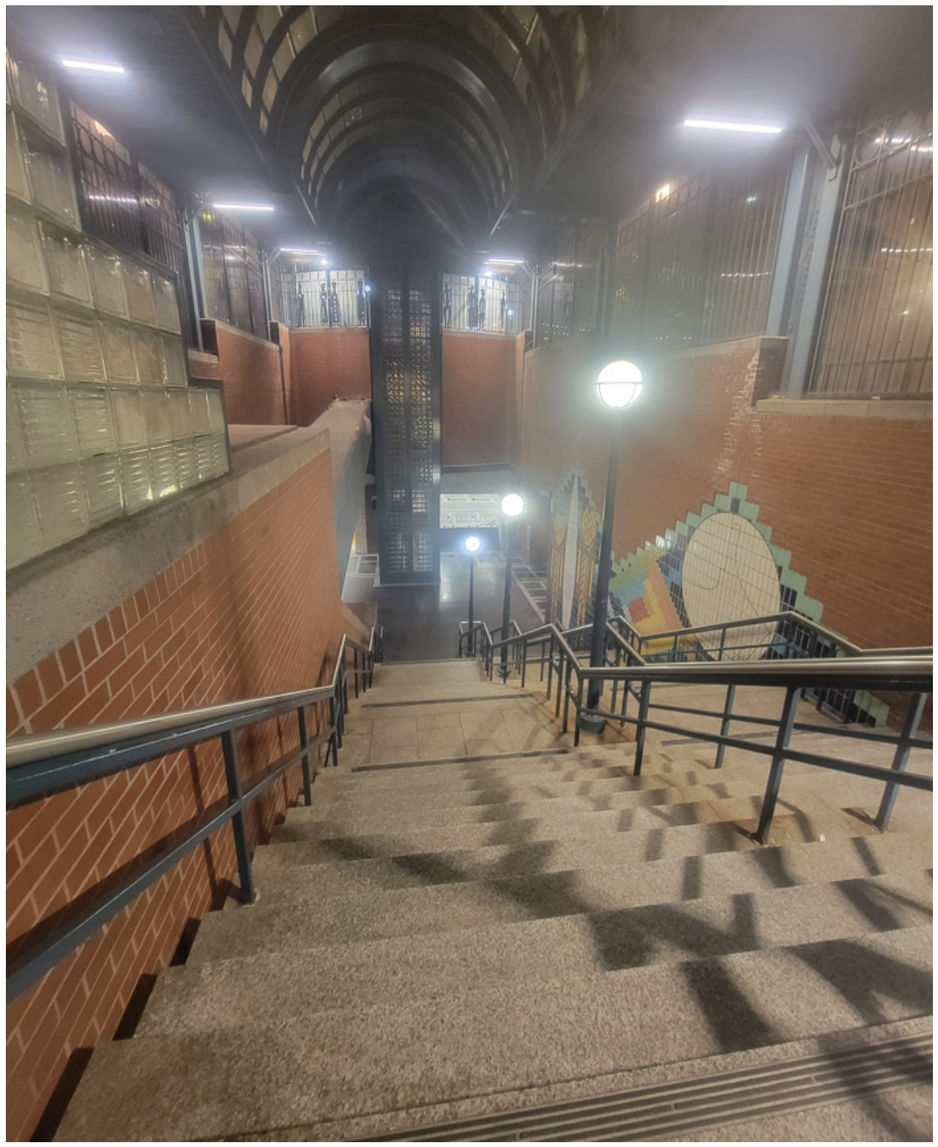


Pioneer Square Station (Prefontaine)
at the escalator area

NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.

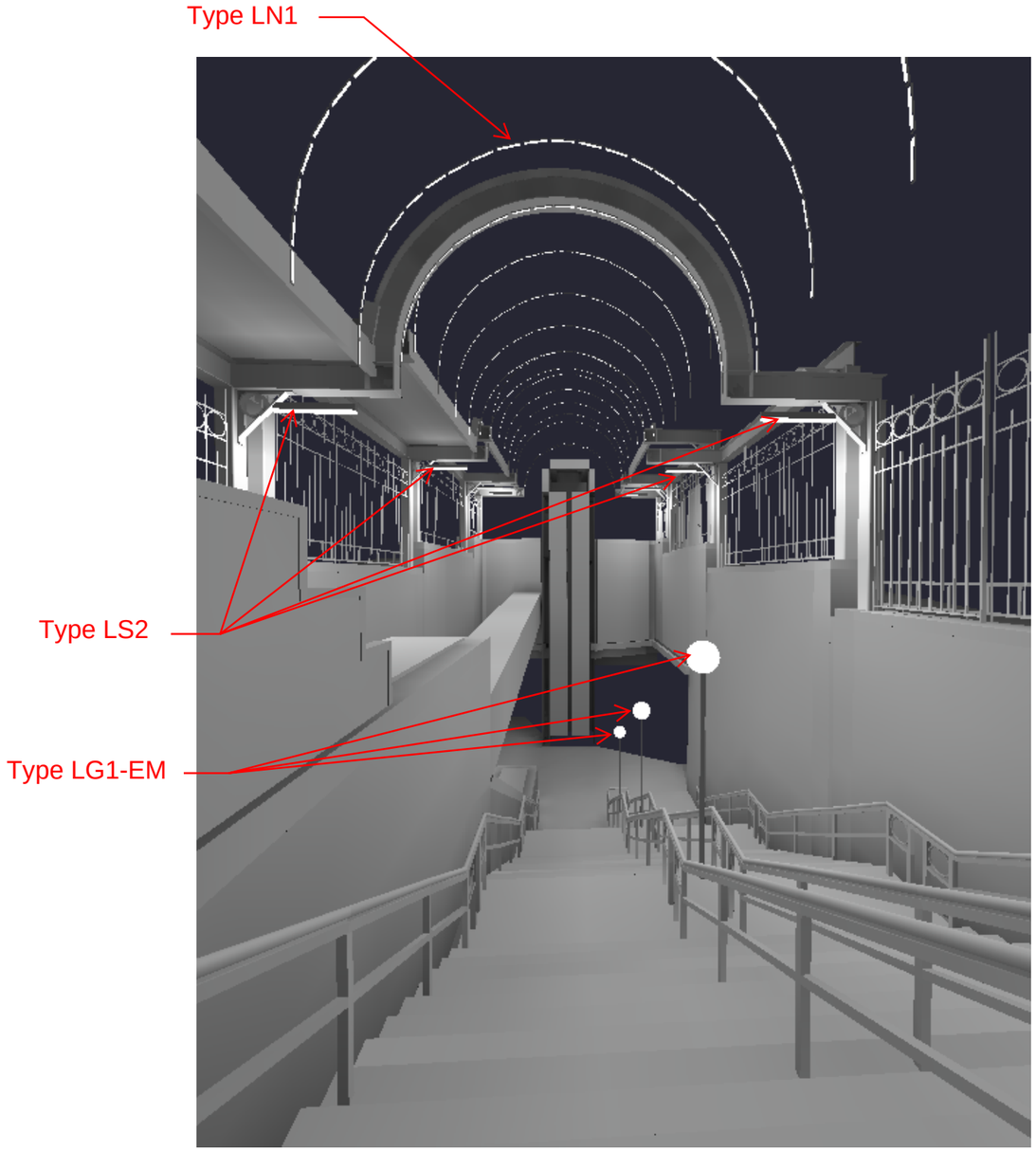


Pioneer Square Station (Prefontaine) at the escalator area
3D Rendering with Type LS2, and Type LN1 light fixtures.



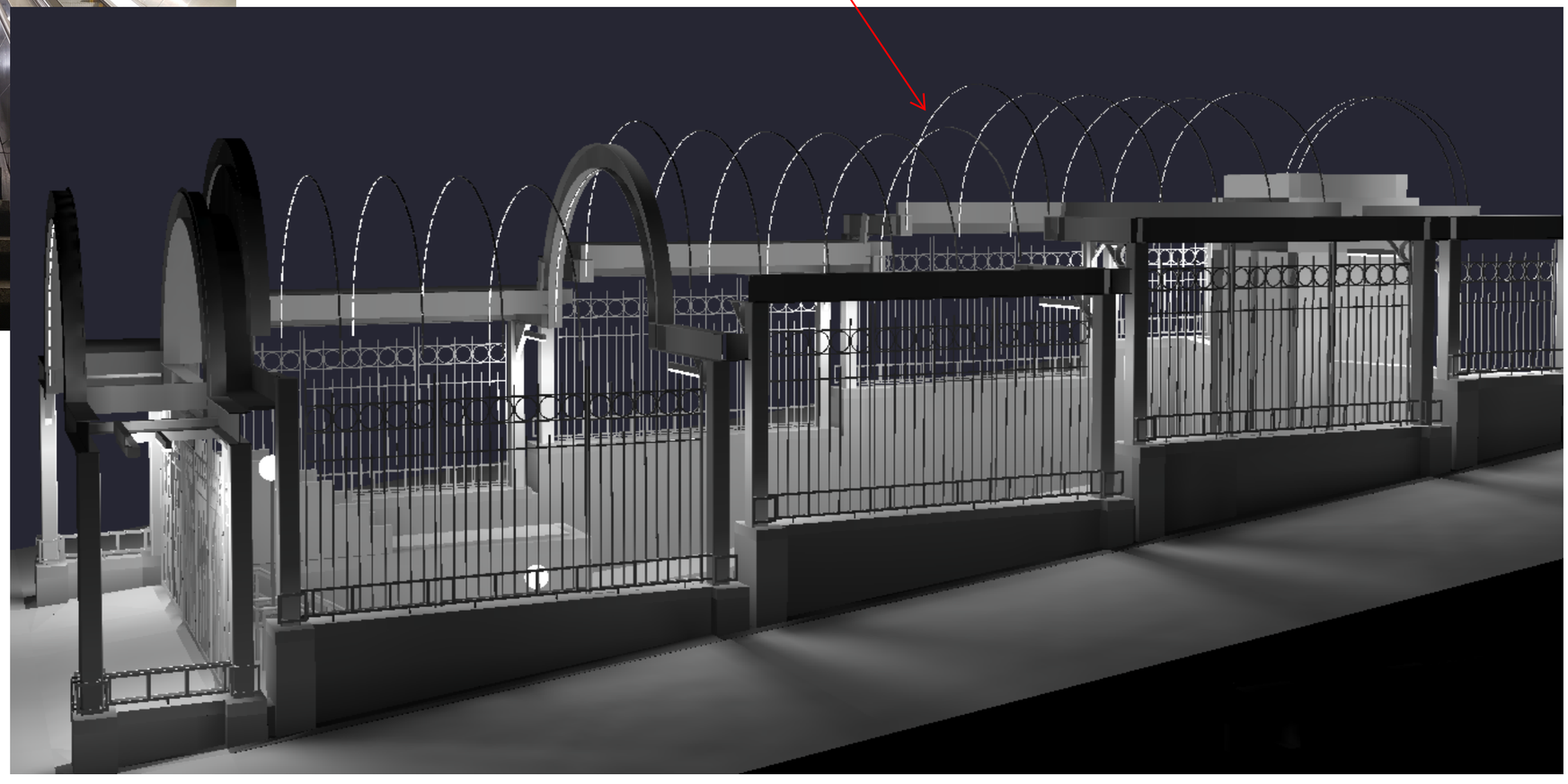
Pioneer Square Station (Prefontaine) at the stair areas

NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.

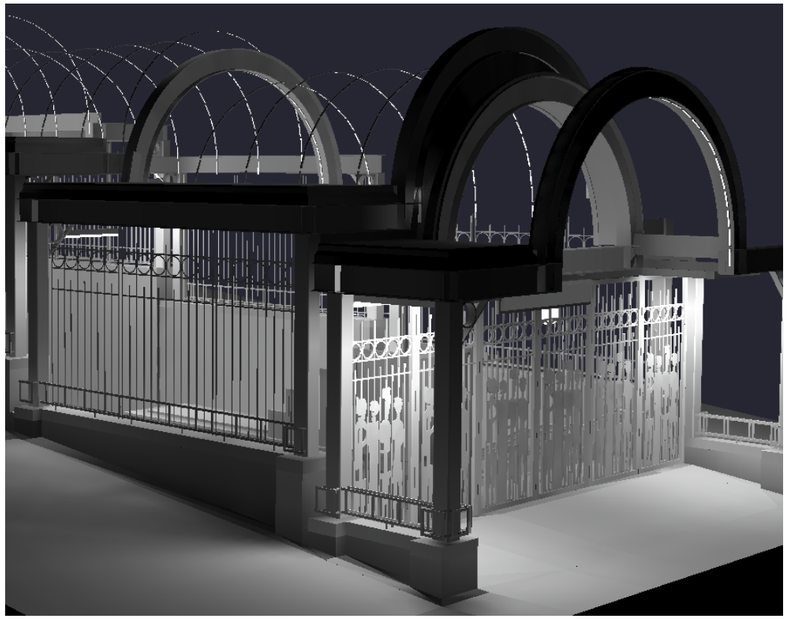


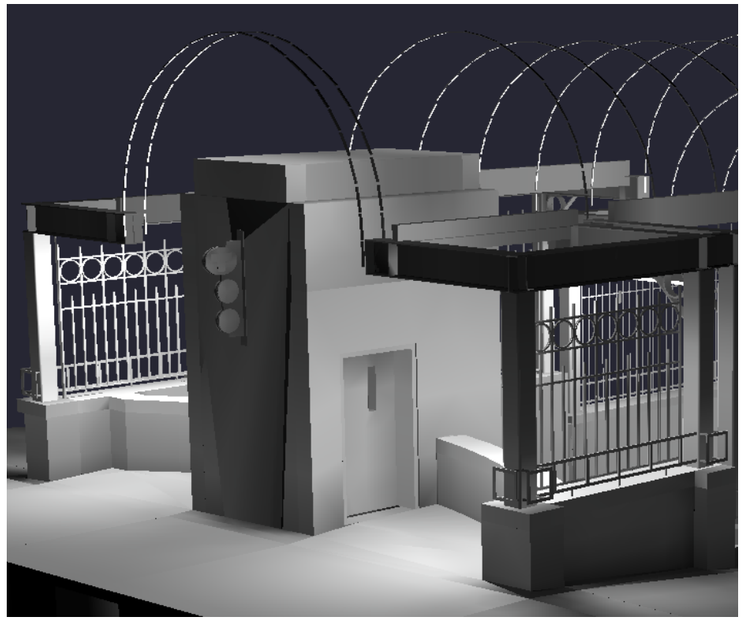
Pioneer Square Station (Prefontaine) at the stairs areas. 3D Rendering with Type LG1-EM, Type LS2, and Type LN1 light fixtures.

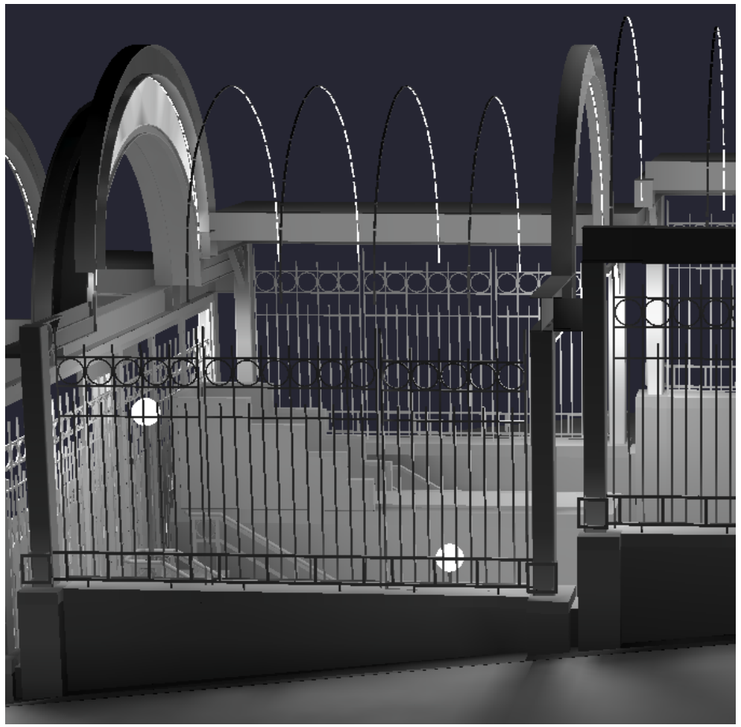
ILLUSTRATION OF THE NEON LIGHT REPLACEMENT (TYPE LN1) THAT WILL BE INSTALLED ON THE ALUMINUM RAFTER



NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.

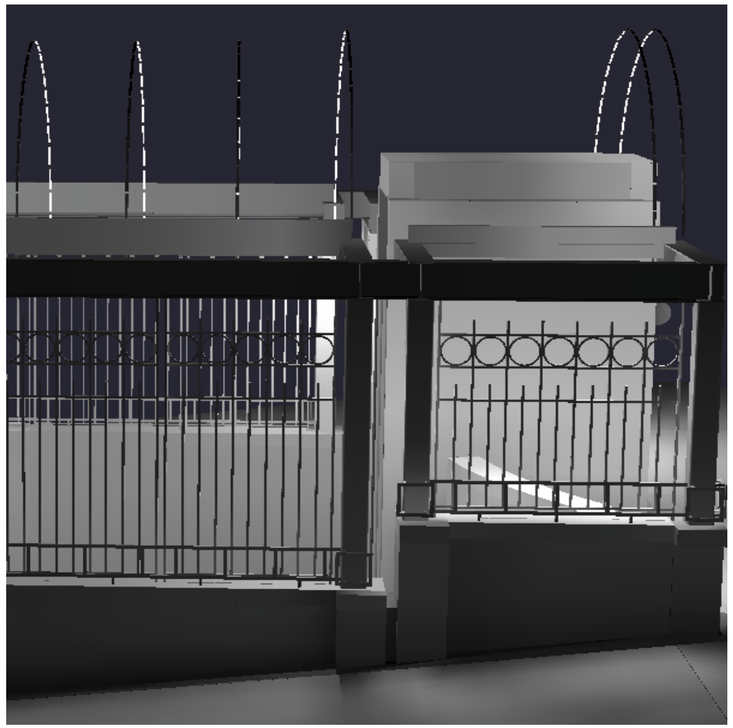






Pioneer Square Station (Prefontaine)
3D Rendering of Type LG1-EM replacement for the existing neon lights.

NOTE: 3D Rendering only shows the proposed light fixtures for the station. Other light fixtures in the area are not included.



Thank you!

Questions?