# The Philadelphia Art Commission Penn's Landing Park - DRWC

Art Commission Submission

Signage & Wayfinding Package

Issue Date: 09/27/23

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# Section 1

# Site Context

Aerial

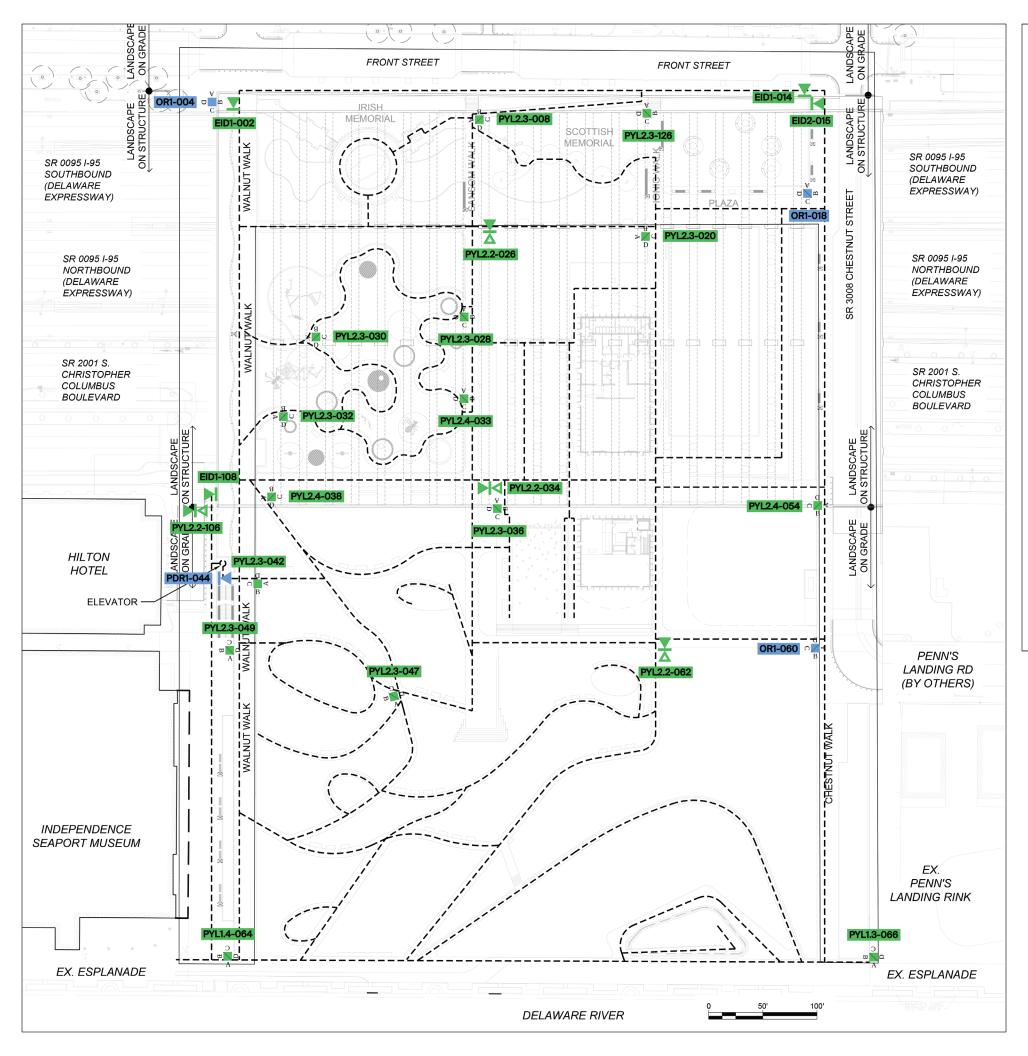
Plan View

Location Plan

Sign Count







Sign Count
DRWC
NOT FOR CONSTRUCTION

Issued Date: 2023-08-29

Subtotal:

27

Туре	Description	Qty
EID1	Brand ID (Large)	3
EID2	Sandblasted ID	1
PYL1.3	Pylon Identification (Large) - 3 sided	1
PYL1.4	Pylon Identification (Large) - 4 sided	1
PYL2.2	Pylon Identification (Small) - 2 sided	4
PYL2.3	Pylon Identification (Small) - 3 sided	10
PYL2.4	Pylon Identification (Small) - 4 sided	3
PDR1	Pedestrian Directional (Wall mounted)	1
OR1	Orientation Directory (digital)	3

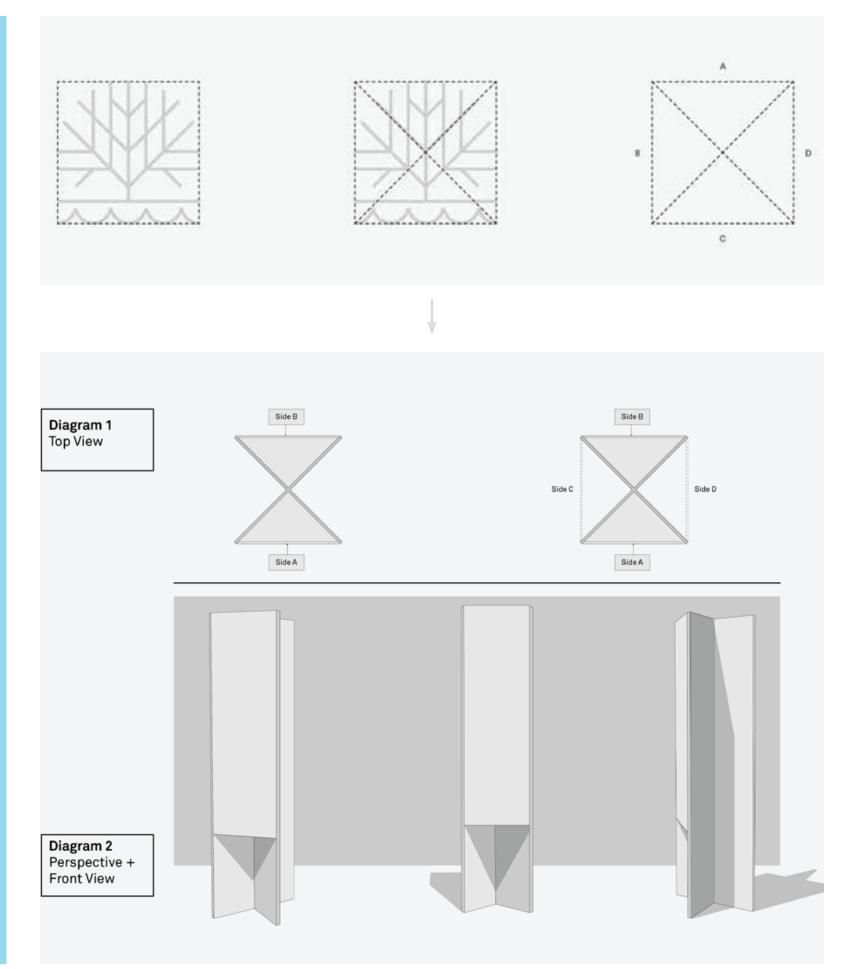
# Section 2

# Branding

Naming
Logo Development
Signage Design
Typography
Iconography
Finishes

# Naming, Logo Development, Signage Design





### **Typography**

**GT Super** 

# ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

**Monument Grotesk** 

# ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

**Monument Extended** 

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

### <u>lconography</u>































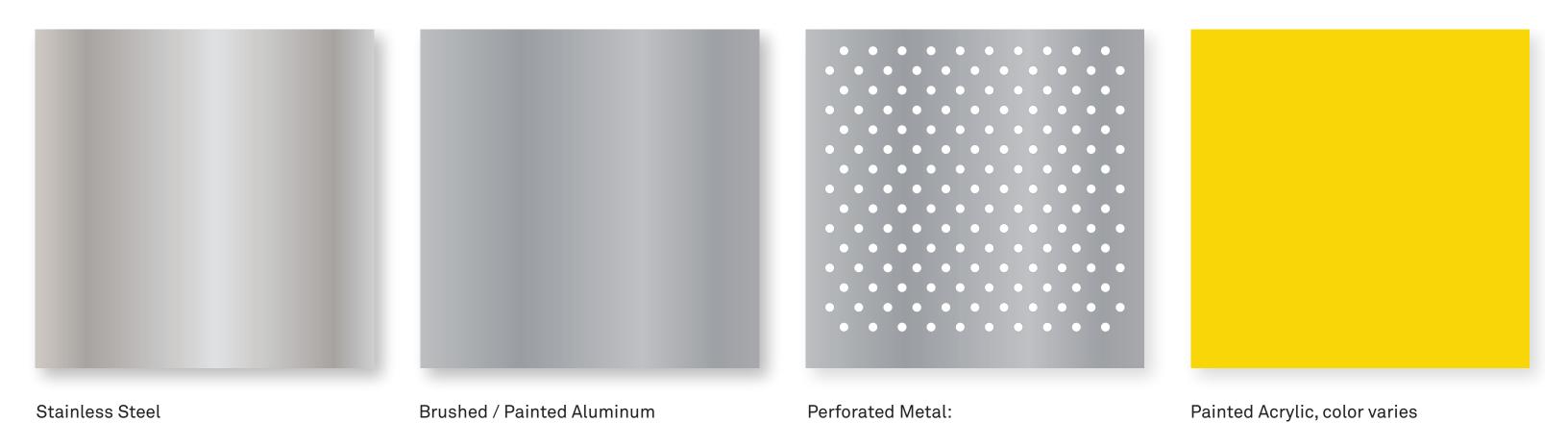








# <u>Finishes</u>



Painted Aluminum / Stainles Steel

# Section 3

# Sign Types

EID1: Illuminated Wall Sign

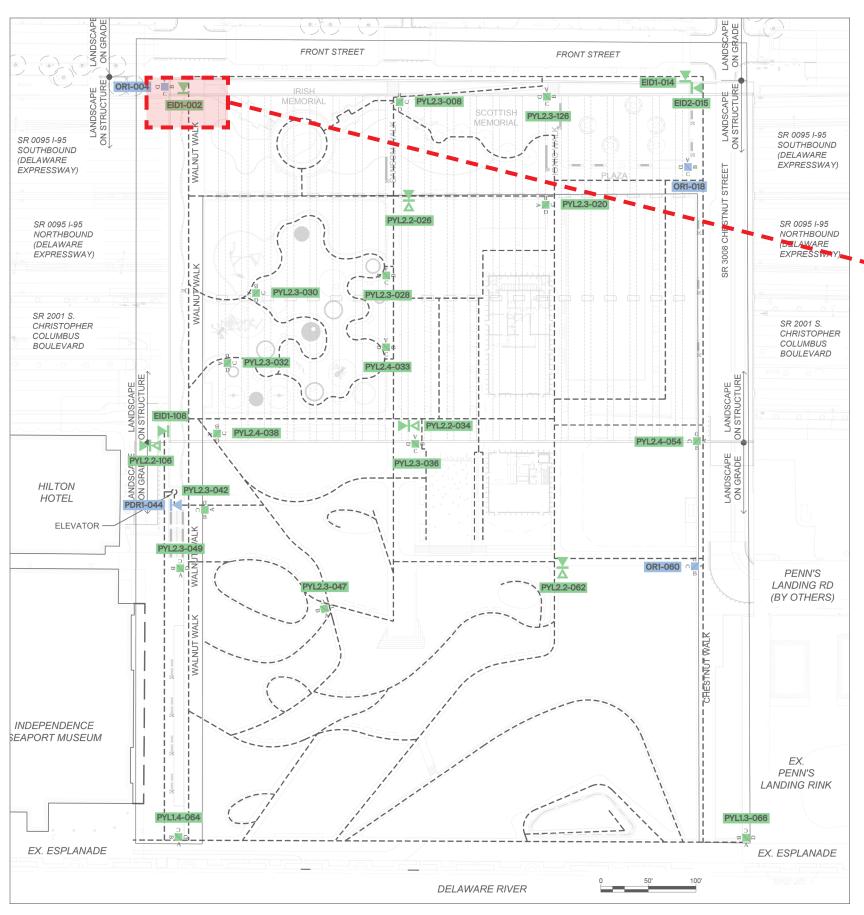
EID2: Wall Directional

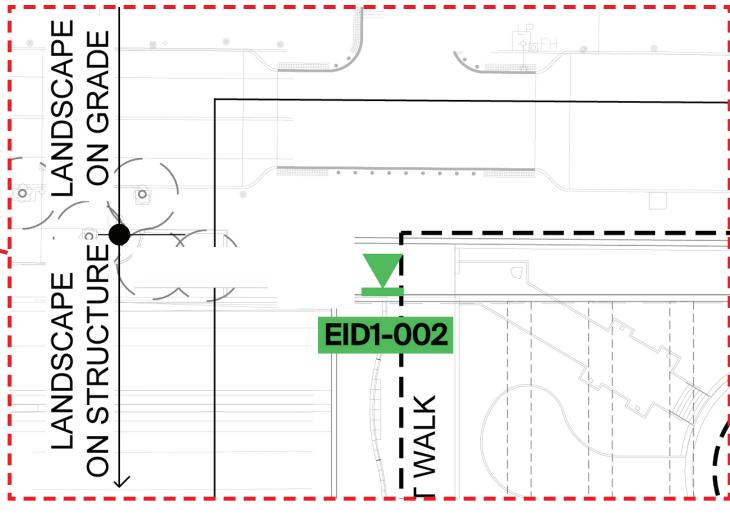
PYL1: Illuminated Pylon

PYL2: Information Pylon

OR1: Orientation Pylon

# EID1: Illuminate Wall Sign, Walnut & Front Street





# EID1: Illuminate Wall Sign, Walnut & Front Street (continued)





Elevation

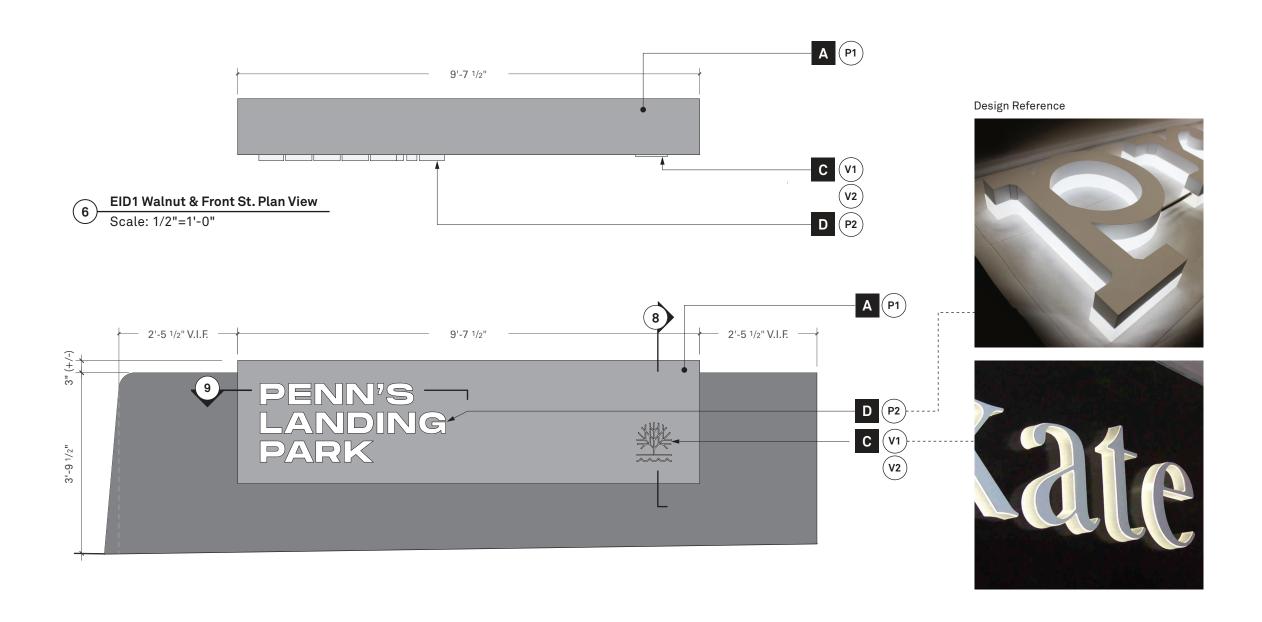




Day / Night Renderings

Design Reference

# EID1: Illuminate Wall Sign, Walnut & Front Street (continued)



- A Sign Cabinet

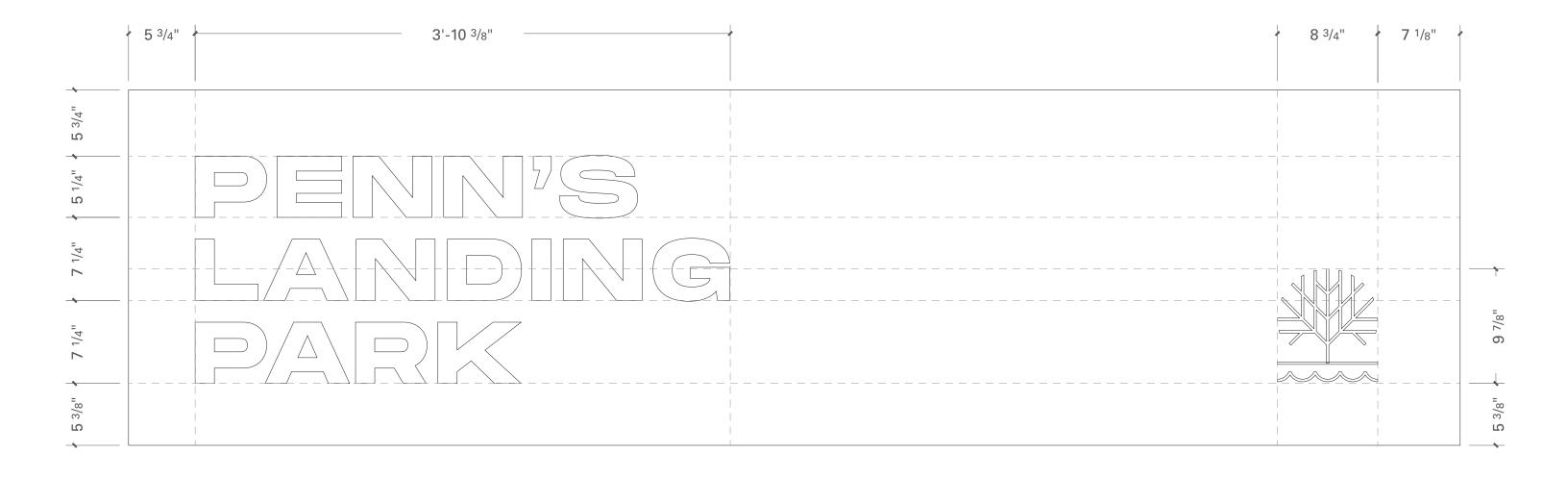
  1" x 1" + 2" x 2" Fabricated alum.

  tube construction w/ 1/8" thk.
  - tube construction w/ 1/8" thk. aluminum sign face
- Logo
  3/4" thk. clear routed acrylic
  push-thru logo. 1/16" routed flange
  at 2nd surface w/ 5/8" visible return
  at Sign Face. 1st Surface opaque
  block-out vinyl for "Side-Glow" only
  illumination. 2nd surface applied
  vinyl Diffuser Match V1 / V2
- Dimensional Letters
  Resno illuminated dimensional
  letters Product: RS-AC-S2
  3/4" Deep Painted SS Return,
  3/4" Partial Side-Glow
  Translucent White Acrylic Backer
  Bitro Tracer X 3200K LED Illum. \*

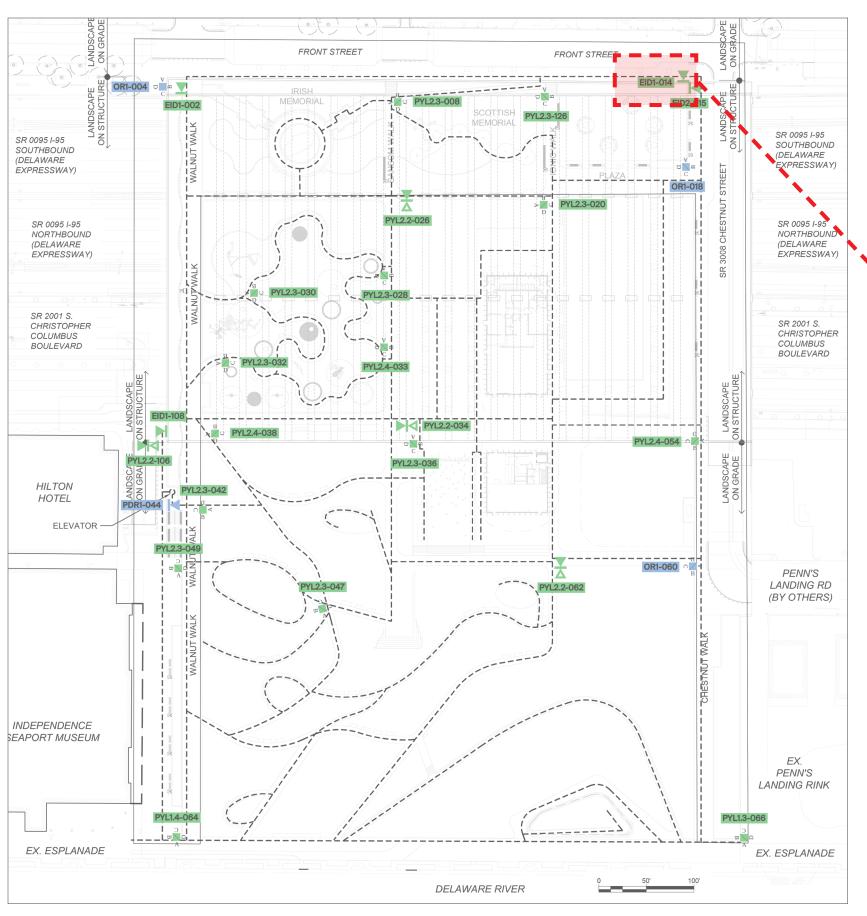
#### **Light Channel**

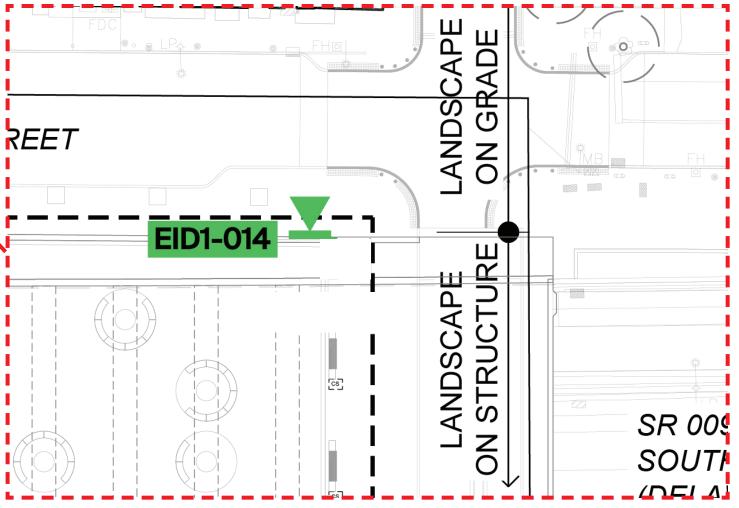
2"x 3" D x 1/8" thk. fabricated alum. angle w/ 1/2" x 1/4" (ripped) x 1/16" alum. angle lens retainers, mechanically fastened to Cabinet .188" white translucent acrylic lens. Bitro Tracer X 3200K LED Illum. FT2314X-12-WW32-5M \*

# EID1: Illuminate Wall Sign, Walnut & Front Street (continued)



# EID1: Illuminate Wall Sign, Chestnut & Front Street





# EID1: Illuminate Wall Sign, Chestnut & Front Street





Elevation

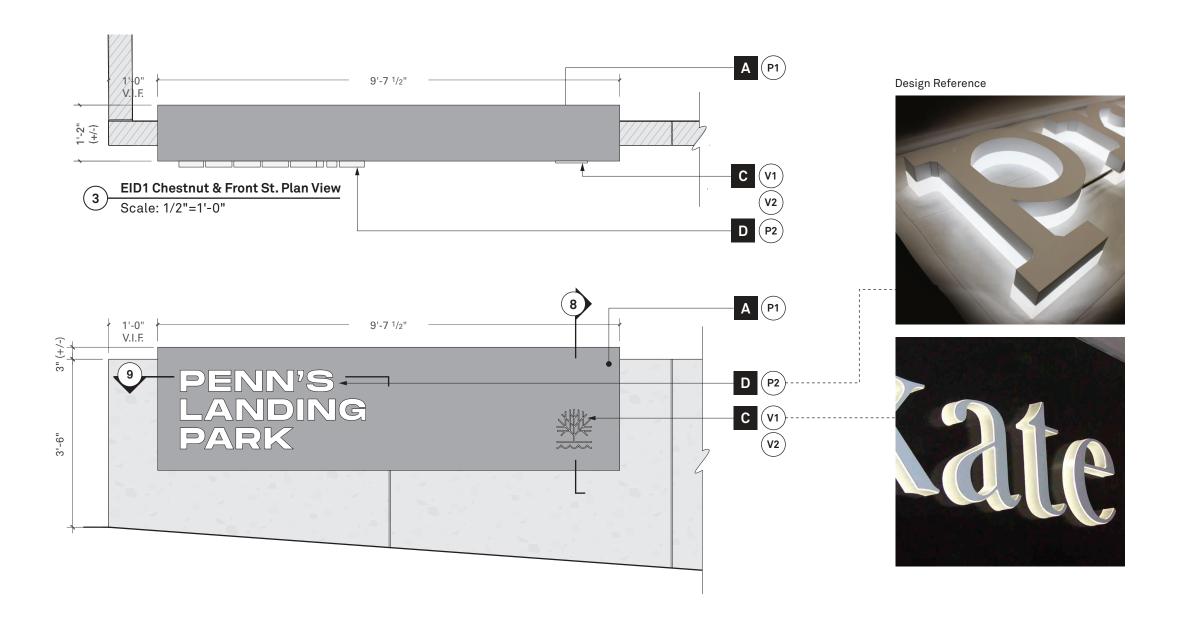




Day / Night Renderings

Design Reference

# EID1: Illuminate Wall Sign, Chestnut & Front Street (continued)

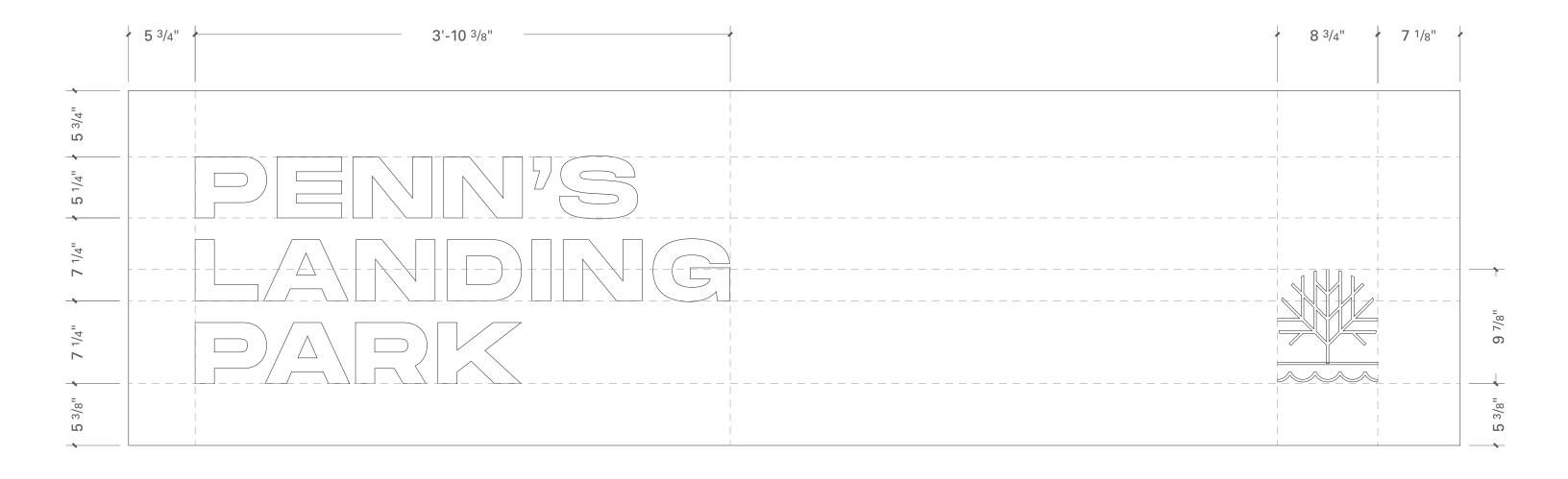


- A Sign Cabinet
  1" x 1" + 2" x 2" Fabricated alum.
  tube construction w/ 1/8" thk.
  aluminum sign face
- C Logo
  3/4" thk. clear routed acrylic
  push-thru logo. 1/16" routed flange
  at 2nd surface w/ 5/8" visible return
  at Sign Face. 1st Surface opaque
  block-out vinyl for "Side-Glow" only
  illumination. 2nd surface applied
  vinyl Diffuser Match V1 / V2
- Dimensional Letters
  Resno illuminated dimensional
  letters Product: RS-AC-S2
  3/4" Deep Painted SS Return,
  3/4" Partial Side-Glow
  Translucent White Acrylic Backer
  Bitro Tracer X 3200K LED Illum. \*

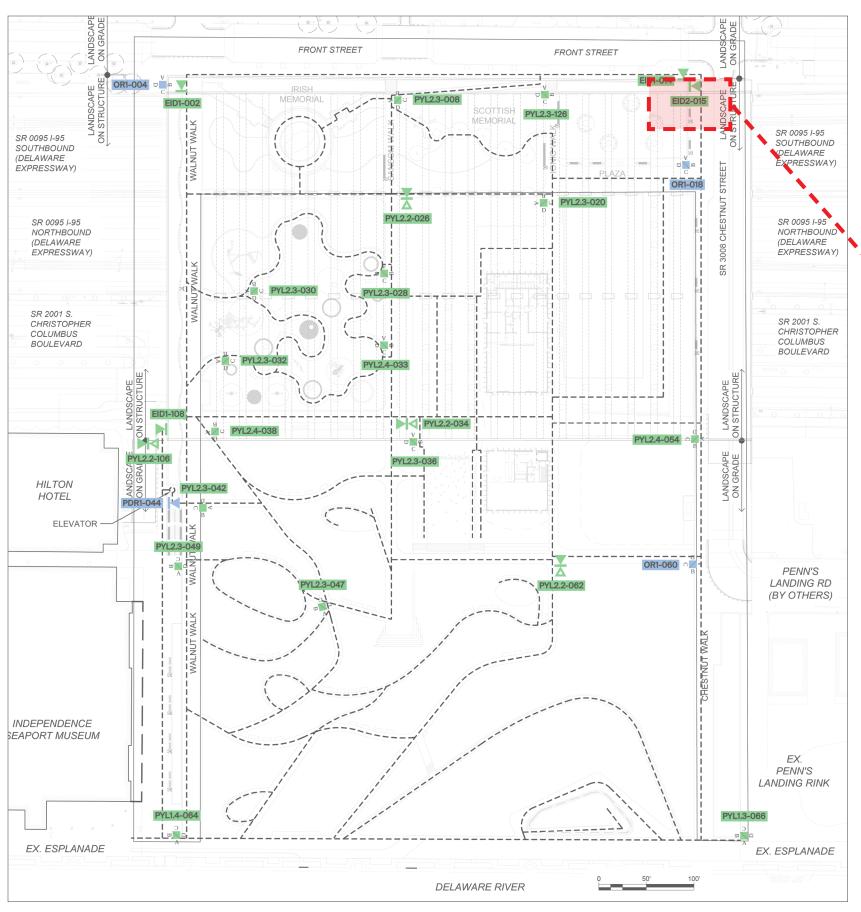
#### **Light Channel**

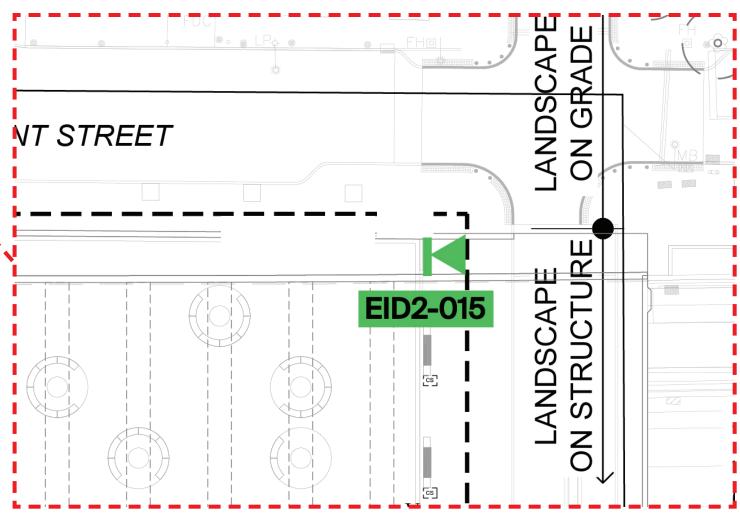
2"x 3" D x 1/8" thk. fabricated alum. angle w/ 1/2" x 1/4" (ripped) x 1/16" alum. angle lens retainers, mechanically fastened to Cabinet .188" white translucent acrylic lens. Bitro Tracer X 3200K LED Illum. FT2314X-12-WW32-5M \*

# EID1: Illuminate Wall Sign, Chestnut & Front Street (continued)

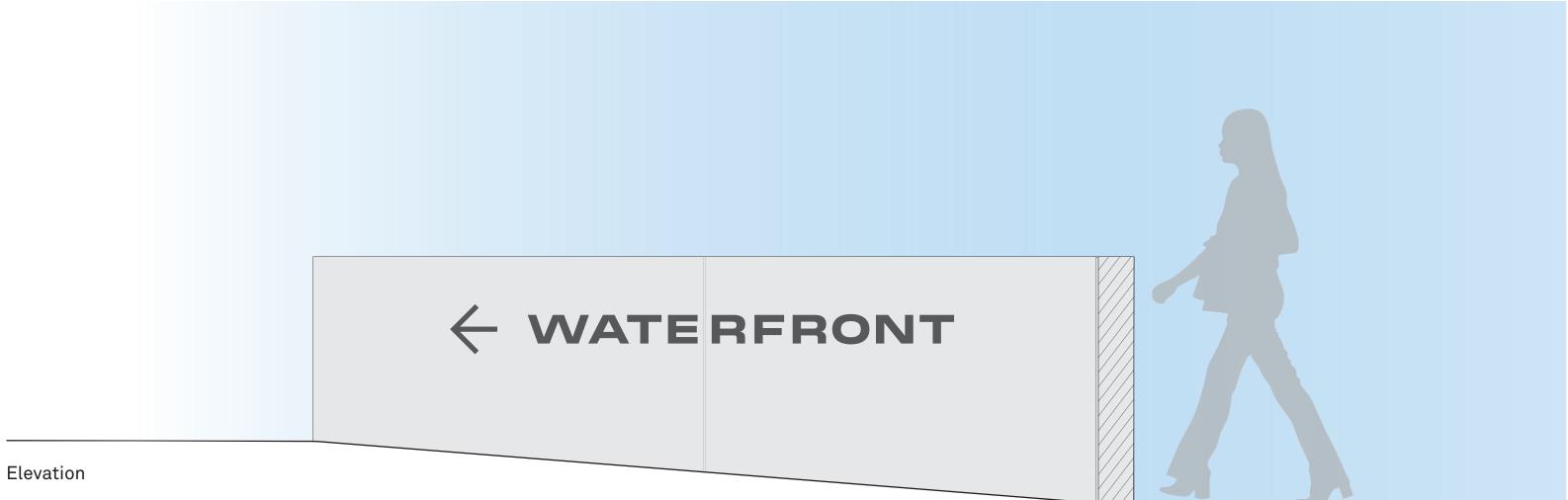


### EID2: Wall Directional, Chestnut Street





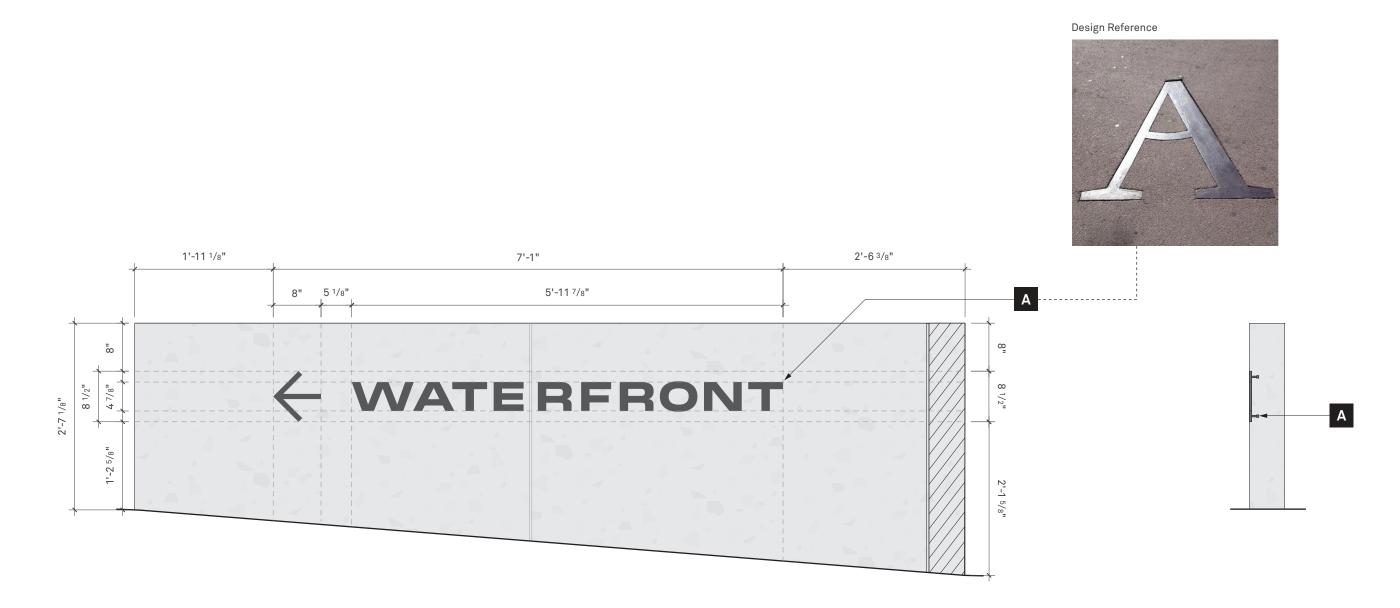
# EID2: Wall Directional, Chestnut Street (continued)





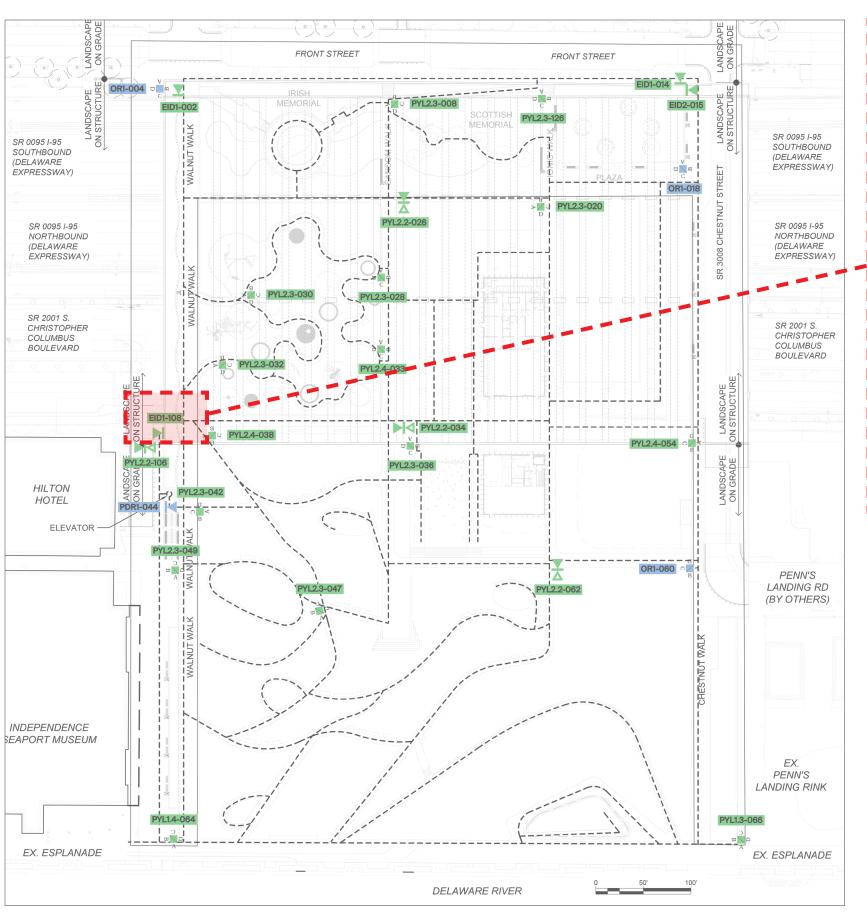
Design Reference

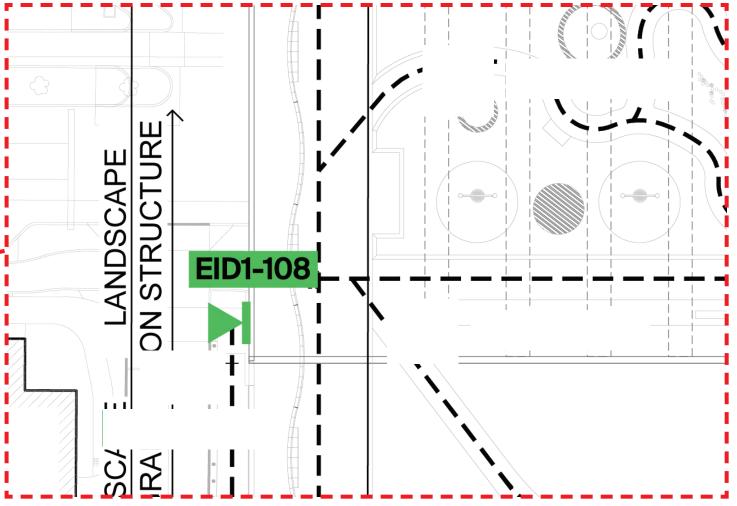
# EID2: Wall Directional, Chestnut Street (continued)



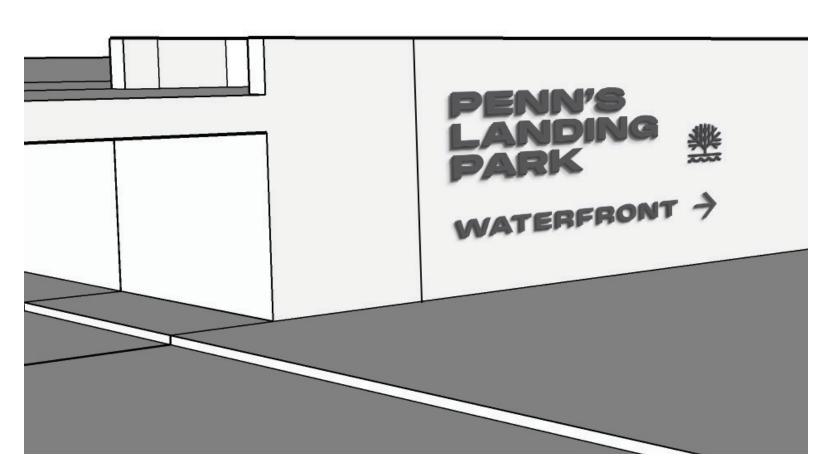
# Embedded Letters Stainless Steel Cut Letters / Arrow Cast-in-place to Concrete Wall w/ Stainless Steel Bolt Anchors as required. Designer to provide artwork.

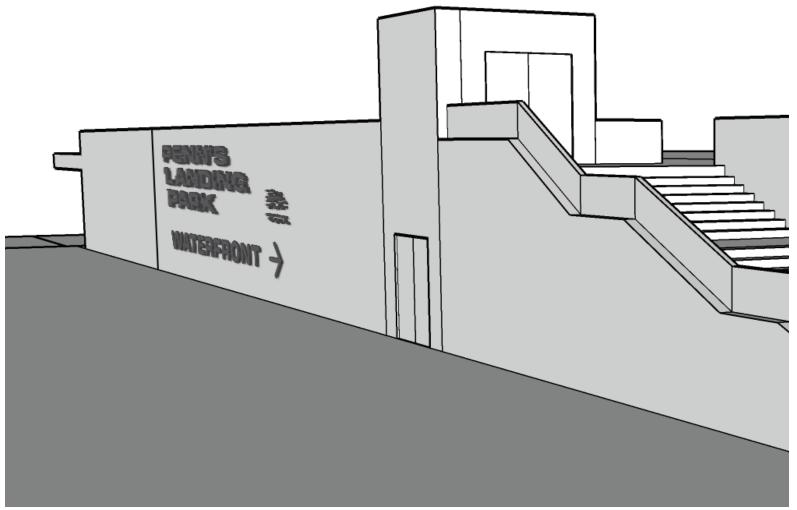
# EID1: Dimensional Letters, Columbus Blvd.





# EID1: Dimensional Letters, Columbus Blvd. (continued)

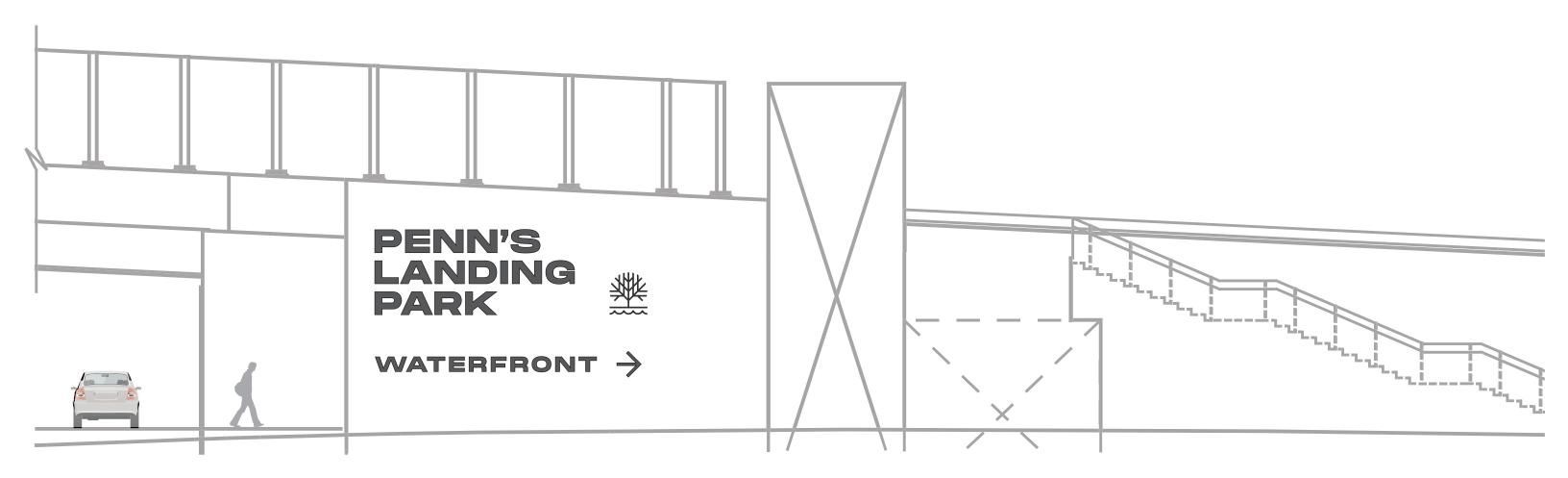




3D Model –Left Perspective

3D Model –Right Perspective

# EID1: Dimensional Letters, Columbus Blvd. (continued)



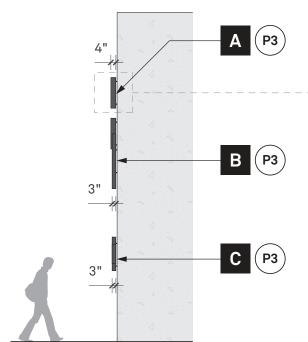
Elevation



Design Reference

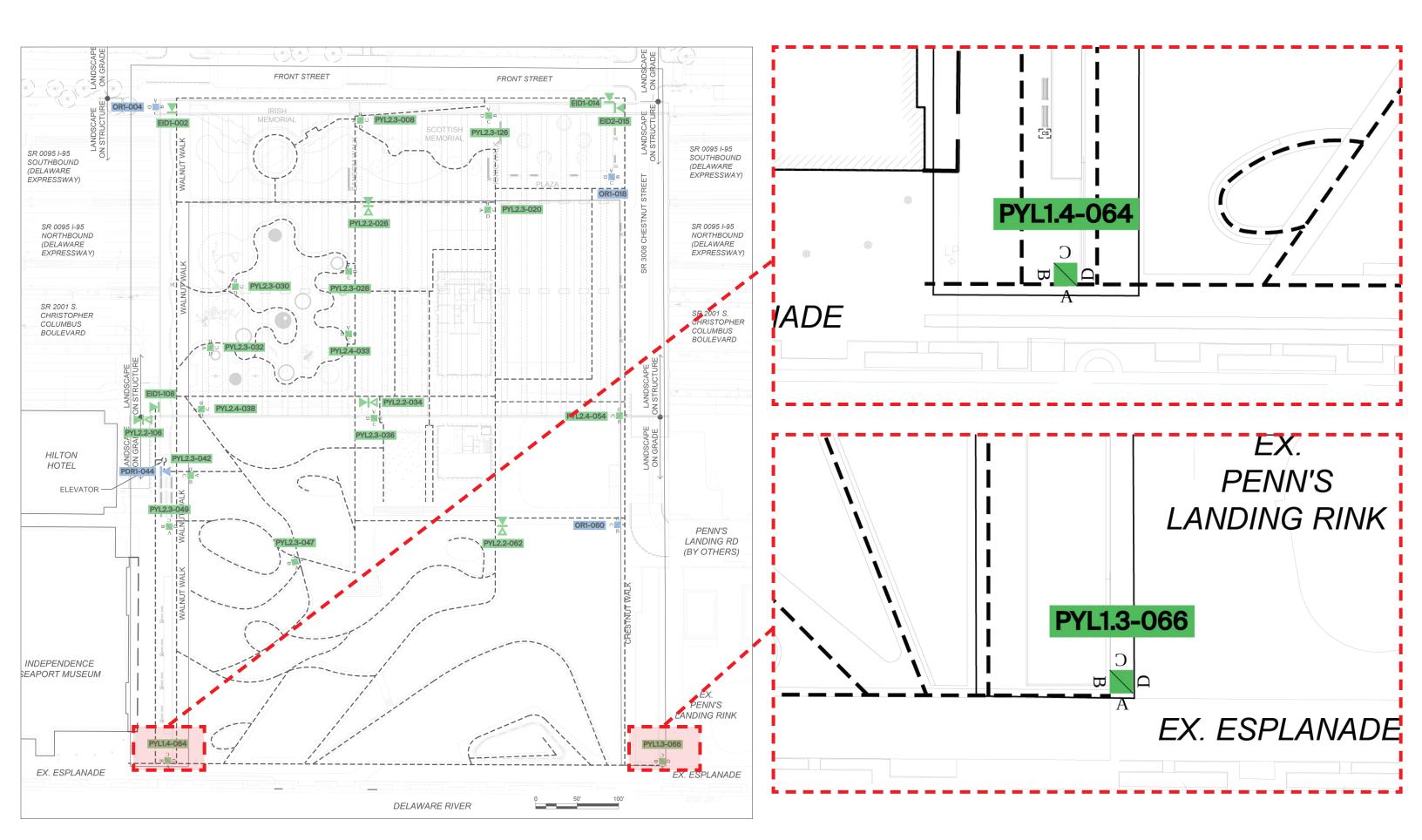
### EID1: Dimensional Letters, Columbus Blvd. (continued)





- A 2' Fabricated aluminum letter-forms. 4" returns. Face and returns painted color as noted: TBD.
- B Logo Mark \*
  Fabricated aluminum letter-forms.
  3" returns. Face and returns painted color as noted: TBD.
- Directional Copy & Arrow \*
  Fabricated aluminum letter-forms.
  2" returns. Face and returns painted color as noted: TBD.

# PYL 1: Illuminated Pylon (two locations)

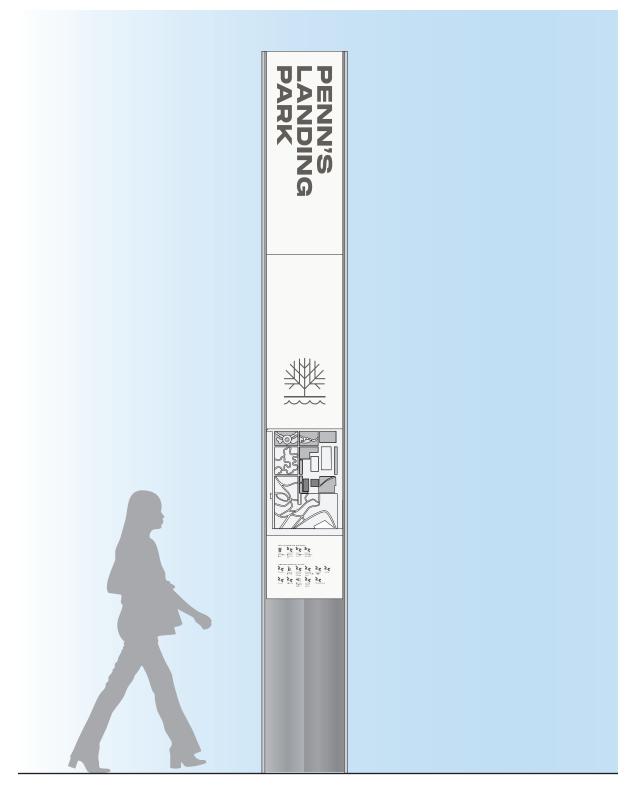


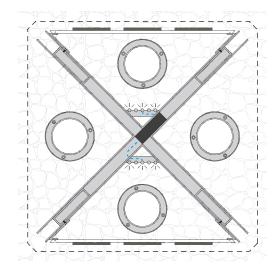
# PYL 1: Illuminated Pylon



Day / Night Renderings

# PYL 1: Illuminated Pylon (continued)





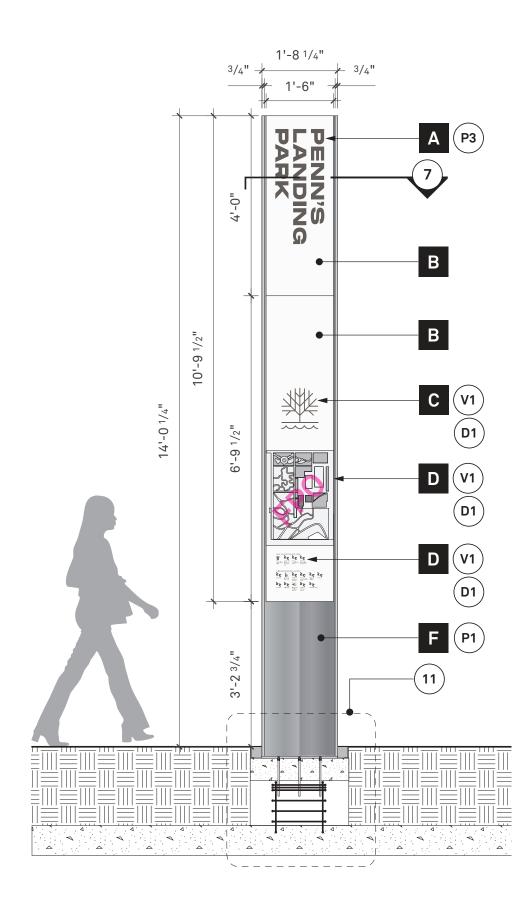


Elevation

Plan View

Design Reference

### PYL 1: Illuminated Pylon (continued)



A Dimensional Letters
1/4" Acrylic letters. Painted,
non-illuminated. Mount with full
coverage 3M VHB tape on second

surface.

- Sign Panels
  Optix 2406LD diffuser acrylic, color match MP7435 Carta Bianca.
  45° reverse bevel-cut edge detail at vertical edges. Mechanically fastened to Panel Brackets w/tamper resistant, flathead + countersunk fasteners.
  Fasteners Painted P2
- C Logo 3M Blackout 3635-20b white film with digital print. Match V1 / D1
- Map
  3M Envision 3730 translucent film
  with digital print. Match V1 / D1

Note: Map artwork by others.

Pylon Structure

4" x 1" x 1/8" thk. 6063-T52

fabricated aluminum tube const.

Mitre-cut + welded at outside

corners. Assembled in X

configuration w/ welds at concealed

interior corners. 1/4" thk. aluminum

outer skin on all frame surfaces w/

2" overhang "fins" on vertical edges.

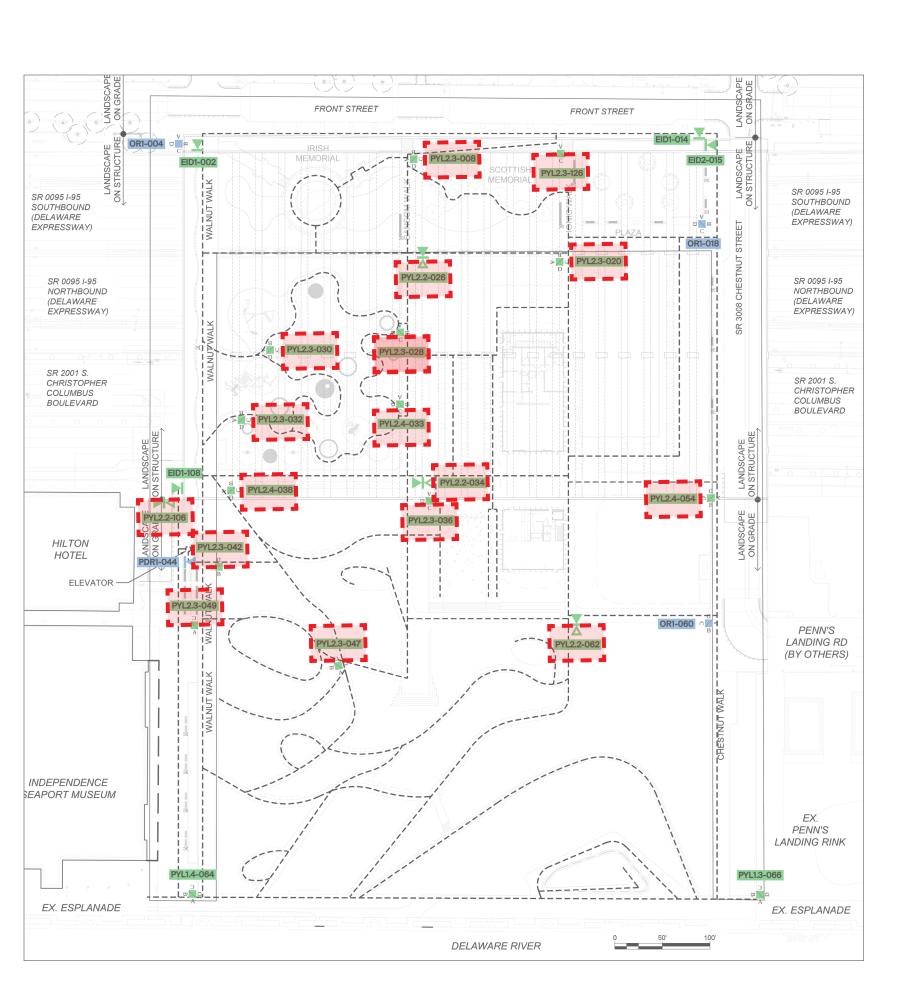
Outer skin mechanically fastened w/

tamper resistant, flathead +

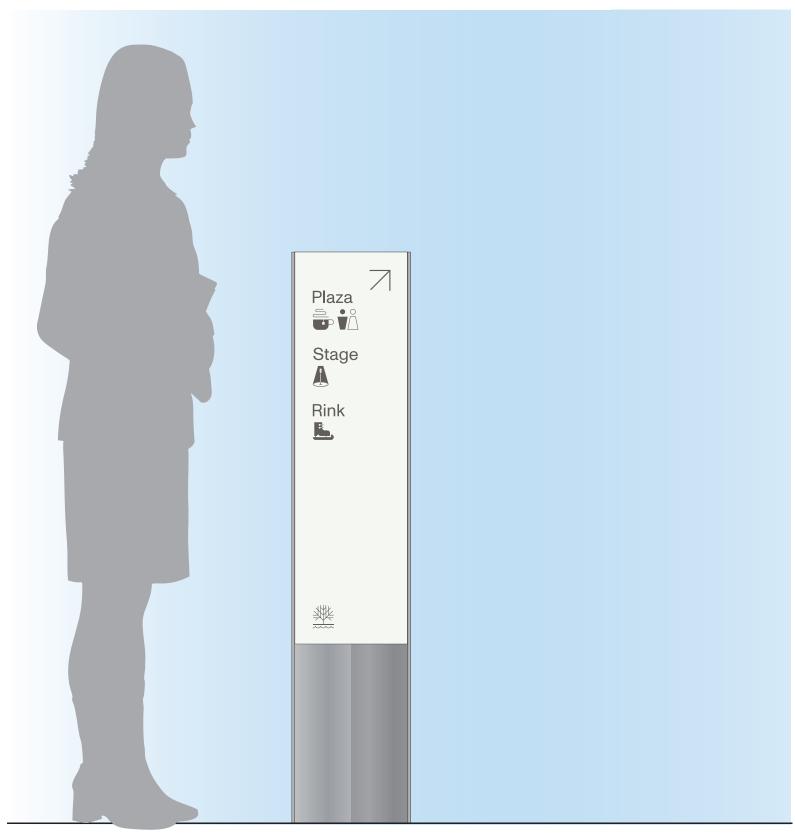
countersunk fasteners.

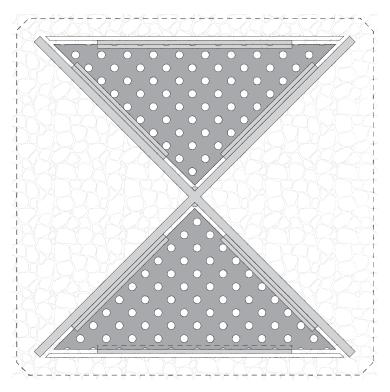
Paint P1 - All surfaces

# PYL 2: Information Pylon (seventeen locations)

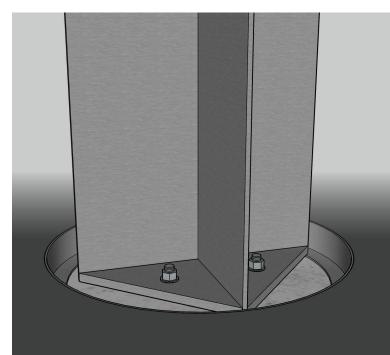


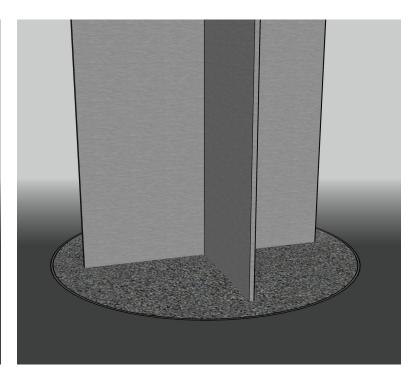
# PYL 2: Information Pylon (continued)





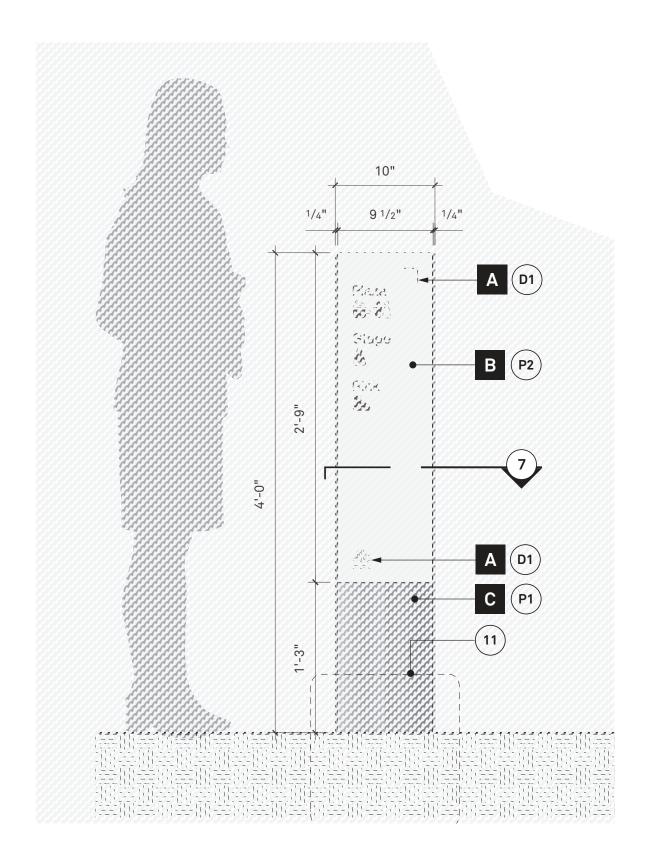
Plan View





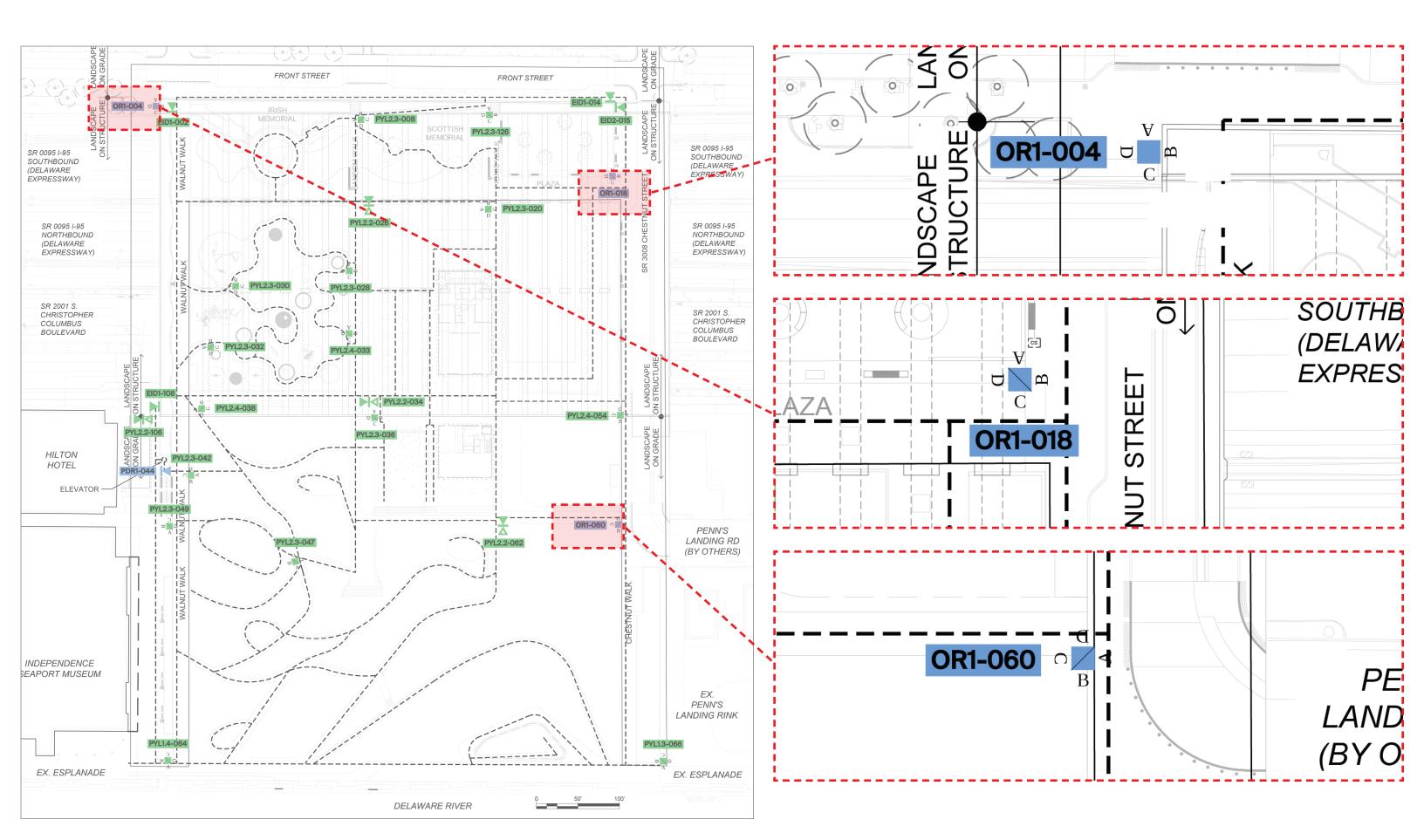
Elevation Design Reference

# PYL 2: Information Pylon (continued)



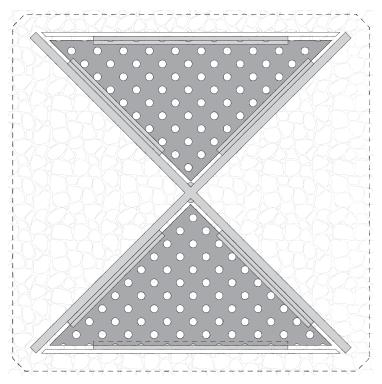
- A Graphics
  Digital print direct to substrate.
  Color as noted.
- Sign Panel
  1/8" aluminum sign panel,
  painted to match: MP7435 Carta
  Bianca with printed graphics.
  Weather-proof coating as required
  for outdoor graphics. Mount to angle
  brackets with 3M VHB tape.
- Pylon Structure
  1/4" Thk. alum. plate, assembled in X
  configuration w/ welds at concealed
  interior corners + Mounting Plate

# OR1: Orientation Pylon (three locations)

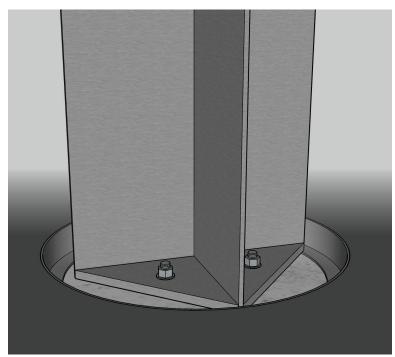


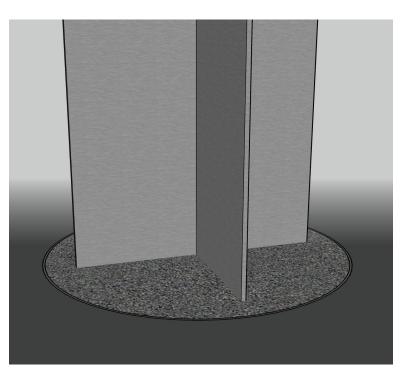
# OR1: Orientation Pylon (continued)





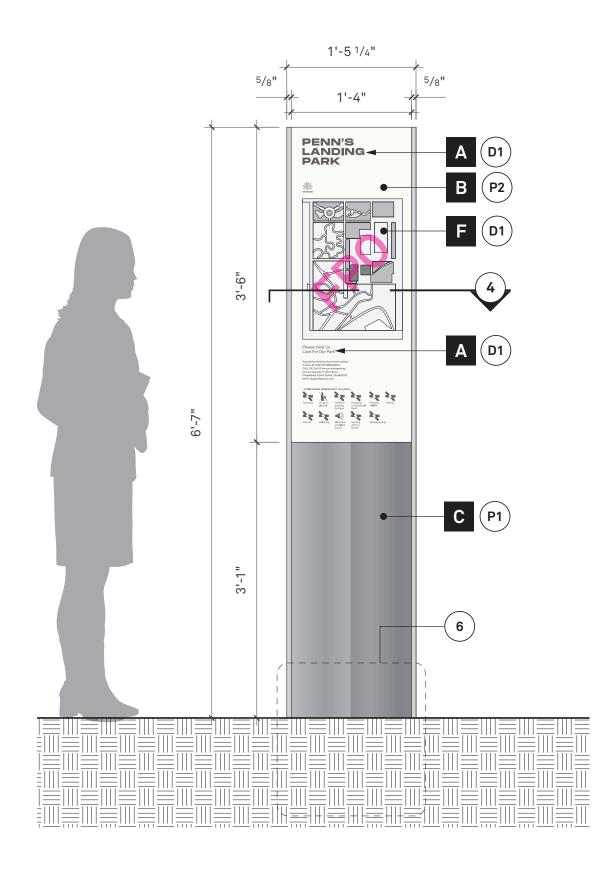
Plan View





Elevation Design Reference

## OR1: Orientation Pylon (continued)



- Graphics
  Digital print direct to substrate.
  Color as noted.
- B Sign Panel
  1/8" aluminum sign panel,
  painted to match: MP7435 Carta
  Bianca with printed graphics.
  Weather-proof coating as required
  for outdoor graphics. Mount to angle
  brackets with 3M VHB tape.
- Pylon Structure
  1/4" Thk. alum. plate, assembled in X
  configuration w/ welds at concealed
  interior corners + Mounting Plate
- Map Artwork
  Digital print direct to substrate.

## Thank you!

# Appendix

Design Intent Package

# Delaware River Waterfront Corpration

## Design Intent Package

Penn's Landing Brand and Wayfinding

Project #: 120088

Issue Date: 8/29/23

Exit Design

725 N 4th Street
Philadelphia, PA 19123
215.561.1950
info@exploreexit.com

## Table of Contents

Site Location Plan
General Specifications
Graphic Standards
<b>EID1</b> - Illuminated Wall Sign
EID2 - Wall Directional
EID3 - Dimensional Letters
OR1 - Orientation Pylon
<b>PYL1 -</b> Illuminated Pylon
<b>PYL1 -</b> Illuminated Pylon
<b>PYL2 - Information Pylon</b>
<b>PYL2 - Information Pylon</b>

CIVIL ENGINEER, STRUCTURAL ENGINEER, MEP AND FIRE PROTECTION ENGINEER PENNONI ASSOCIATES INC.
1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103 V 215-222-3000 LANDSCAPE ARCHITECTURE

LANDSCAPE ARCHITECTURE
HARGREAVES JONES
30 BROAD STREET, 41ST FLOOR
NEW YORK, NY 10004
V 212-337-9973

ARCHITECTURE
KIERANTIMBERLAKE
841 NORTH AMERICAN STREET
PHILADELPHIA, PA 19123
V 215-922-6600

MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI
1700 MARKET STREET, SUITE 1750
PHILADELPHIA, PA 19103-3926
V 267-238-4000

FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111 V 303-221-0500

LIGHTING DESIGN
THE LIGHTING PRACTICE
600 CHESTNUT STREET, SUITE 772
PHILADELPHIA, PA 19106
V 215-238-1644

AUDIOVISUAL, IT, AND SECURITY
SHEN MILSOM & WILKE
1220 N. FILMORE STREET, SUITE 360
ARLINGTON, VA 22201
V 703-243-6301

WATER FEATURE DESIGN
DELTA FOUNTAINS
11494 COLUMBIA PARK DRIVE, SUITE 4
JACKSONVILLE, FL 32258
V 904-886-9030

ICE RINK DESIGN
CUSTOM ICE INC.
3375 NORTH SERVICE ROAD, UNIT C2
BURLINGTON, ON L7N 3G2
V 905-632-8840

IRRIGATION DESIGN
IRRIGATION CONSULTING, INC
20 MERRIT PARKWAY, 2ND FLOOR
NASHUA, NH 03062

VERTICAL TRANSPORTATION
VERTICAL TRANSPORTATION EXCELLENCE
1801 MARKET STREET, SUITE 2600
PHILADELPHIA, PA 19103

## PENN'S LANDING PARK

## DELAWARE RIVER WATERFRONT CORPORATION

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

#### **REVISIONS**

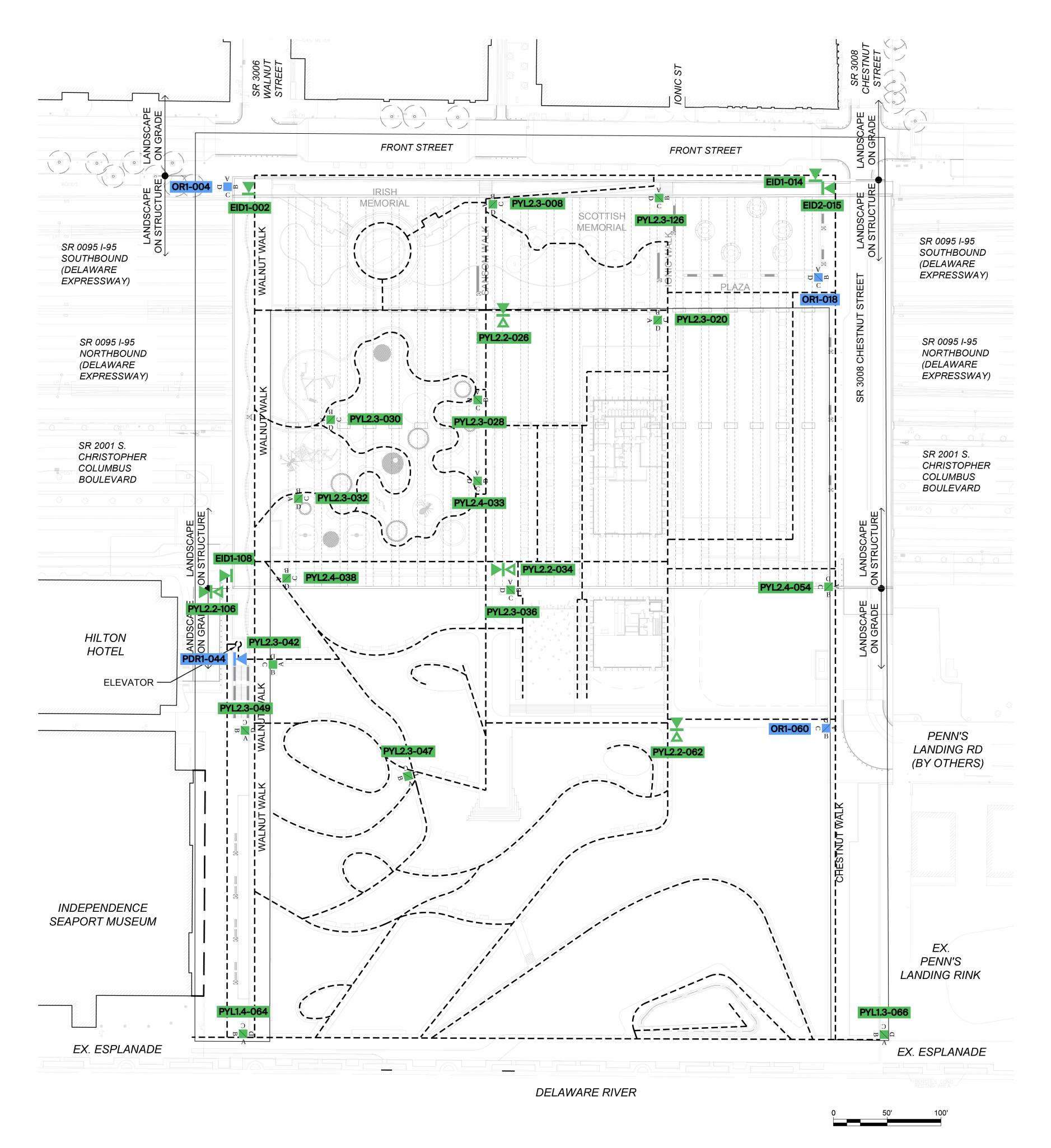
NO. DATE DESCRIPTION

## GENERAL NOTES AND LEGEND

SIGN TYPE # SIGN TYPE DESCRIPTION
N/A TABLE OF CONTENTS

SCALE: AS NOTED
DRAWN BY: KRD
CHECKED BY:
CAD FILE:
DATE: AUGUST 29, 2023

## SGTOC



Sign Count Issued Date: 2023-08-29 DRWC NOT FOR CONSTRUCTION Type Description EID1 Brand ID (Large) EID2 Sandblasted ID PYL1.3 Pylon Identification (Large) - 3 sided PYL1.4 Pylon Identification (Large) - 4 sided PYL2.2 Pylon Identification (Small) - 2 sided PYL2.3 Pylon Identification (Small) - 3 sided PYL2.4 Pylon Identification (Small) - 4 sided PDR1 Pedestrian Directional (Wall mounted) OR1 Orientation Directory (digital) Subtotal:

PENNONI ASSOCIATES INC. 1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103 V 215-222-3000 LANDSCAPE ARCHITECTURE HARGREAVES JONES 30 BROAD STREET, 41ST FLOOR NEW YORK, NY 10004 V 212-337-9973 ARCHITECTURE KIERANTIMBERLAKE 841 NORTH AMERICAN STREET PHILADELPHIA, PA 19123 V 215-922-6600 MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI 1700 MARKET STREET, SUITE 1750 PHILADELPHIA, PA 19103-3926 V 267-238-4000 FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111 V 303-221-0500 LIGHTING DESIGN THE LIGHTING PRACTICE 600 CHESTNUT STREET, SUITE 772 PHILADELPHIA, PA 19106 V 215-238-1644 AUDIOVISUAL, IT, AND SECURITY SHEN MILSOM & WILKE 1220 N. FILMORE STREET, SUITE 360 ARLINGTON, VA 22201 V 703-243-6301 WATER FEATURE DESIGN DELTA FOUNTAINS 11494 COLUMBIA PARK DRIVE, SUITE 4 JACKSONVILLE, FL 32258 V 904-886-9030 ICE RINK DESIGN CUSTOM ICE INC. 3375 NORTH SERVICE ROAD, UNIT C2 BURLINGTON, ON L7N 3G2 V 905-632-8840 IRRIGATION DESIGN IRRIGATION CONSULTING, INC 20 MERRIT PARKWAY, 2ND FLOOR NASHUA, NH 03062 VERTICAL TRANSPORTATION
VERTICAL TRANSPORTATION EXCELLENCE

CIVIL ENGINEER, STRUCTURAL ENGINEER, MEP AND FIRE PROTECTION ENGINEER

## PENN'S LANDING PARK

## DELAWARE RIVER WATERFRONT CORPORATION

1801 MARKET STREET, SUITE 2600 PHILADELPHIA, PA 19103

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

**REVISIONS** 

NO. DATE DESCRIPTION

## GENERAL NOTES AND LEGEND

SIGN TYPE # SIGN TYPE DESCRIPTION
N/A SITE LOCATION PLAN

SCALE: AS NOTED
DRAWN BY: KRD
CHECKED BY:
CAD FILE:
DATE: AUGUST 29, 2023

SG001

## Required Specifications Quality of Materials

#### Included Work

Designer to review the scope of work.

Site verification, fabrication, delivery, and installation of all sign types and quantities indicated in the final approved Copy List and Location Plan. Sign Contractor to verify the sign quantities from the Copy List and Location Plans and if discrepancies exist, notifying the Designer of any such discrepancies.

Work shall include all support structures and fasteners required for installation. Work shall include all design engineering needed to produce the project to comply with all applicable municipal, state and federal code, and structural soundness. Sign Contractor responsible for submitting engineered drawings signed and sealed by structural engineer. Sign Contractor to provide all services, subcontractors, labor, materials and equipment needed to complete the work described in this design drawings and specifications document. Upon award of the bid, the selected Sign Contractor shall arrange a meeting with the

Sign Contractor shall visit site before construction begins and inspect each proposed sign location. Any issues or concerns shall be communicated to the Designer in writing within twenty four (24) hours.

Sign Contractor will be responsible for generating evacuation maps at all programmed locations based on template provided by Designer.

Sign Contractor will be responsible for providing the Designer and Owner a project schedule that outlines durations for all work including delivery dates for submittals and Designer and Owner review time. Sign Contractor shall update and reissue the schedule throughout the project and communicate all changes/impact on schedule to Designer and Owner.

At the substantial completion of the project the Sign Contractor shall perform a walk-through with the Designer and Owner to inspect the installation and create a punch list of all unsatisfactory items. Sign Contractor is required to complete all punch list items within 3-4 weeks of receipt of punch list.

#### Work Quality

All work to be done in a professional manner and to the highest trade standards.

Sign Contractor is responsible for insuring the quality standards above for all related professional and trade subcontracted work including: general carpentry, masonry, electrical, landscaping, or

required for the installation of all sign types as described, unless otherwise agreed to by Owner. All subcontracted work must meet the general accepted professional standards.

#### Reference Standard

The following materials reference standards will apply to the work materials (use most current version of reference standards):

ASTM A36 Structural Steel

ASTM A123 Zinc (Hot Galvanized) coatings on products fabricated from rodded, pressed and forged steel shape, plates and bars.

ASTM B221 Aluminum-alloy extruded bars, rods, wire, shapes and tubes.

ASTM D822 Light and water exposure apparatus (carbon-arc type) for testing paint, varnish, lacquer, and related products.

ASTM E84 Surface-burning characteristics of building materials, lacquer and related products AWI Comply with applicable requirements of "Architectural Woodwork Quality Standards" published by the Architectural Woodwork Institute.

CDA Copper Development Association, Inc.

FS L-P-391 Plastic sheet, rods and tubing, rigid, cast materials

FS L-P-387 Plastic sheet, laminated, thermosetting

PS-1 Construction and industrial plywood

PEI Porcelain Enamel Institute

TM B135 QQ-B-613 (Fed Spec) Brass, Muntz 280

#### Protection and Storage

Sign Contractor is responsible for storage of signs and assemblies and protection from damage at the shop, in transit and until erected in place, complete, inspected and accepted by Owner. Sign Contractor is responsible for the replacement pilferage both prior to and until inspection and acceptance of installation by the Owner.

#### Warranties

Warrant all products (including, but not limited to: materials, hardware and finishes) against any and all defects based on manufacturers' supplied warranties from date of installation.

Vinyl die-cut letters: warranted against de-lamination from substrate.

Paint finishes: warranted against fading or chalking, corrosion developing beneath paint surfaces of the support systems (except for obvious vandalism or other external damage to the paint surfaces).

Corrosion of the fastenings.

The signs not remaining true and plumb on their supports during normal wear. Fading of the colors when matched against a sample of the original color and material. Discoloration of metal finishes.

The Sign Contractor shall correct any and all material and/or workmanship defects which may appear during the warranty period by restoring defective work to the standard of the contract documents at no cost to the Owner and to the Owner's satisfaction. Corrections include, but are not limited to: disfiguring of any surface due to chalking, rusting, bubbling, or other disintegration of the sign face or of the messages or of the edge finish of the sign inserts or panel.

#### Quality Assurance

Work done and materials furnished shall meet the highest industry standards in every respect and, unless otherwise specified, materials and equipment shall be new and of the

Use only personnel thoroughly skilled and experienced with the products and method for fabrication and installation of signage specified.

The Owner shall reserve the right to reject any shop drawings, samples or other submittals, as well as any finished product or installation, that cannot meet the standard of quality established. Any such decision will be considered final and not subject to recourse.

The Design Intent Package should provide everything necessary for a complete contract.

In the event of conflict or omission, the Sign Contractor shall consult the Designer for resolution. Materials and hardware not specified, but necessary to the complete functioning of the sign, shall conform to the quality level established.

Substitutions of items specifically indicated in this specifications package that serve the same function with equal performance will be considered upon submission of substitution

#### Declare Labels

#### **Red Listed Materials**

Exit Design has a preference for declare labeled products and/or products that do not contain red listed materials.

#### Metals

#### Aluminum

Aluminum shall be of best commercial quality and the various forms shall be straight and true. There shall be no scratches, scars or buckles. Size thickness, and finish of aluminum shall be per NAAMM "Metal Finishes Manual". Comply with the following industry standards.

Aluminum sheets shall conform to ASTM B209 6061-T6

Aluminum extrusions shall conform to ASTM B241 6063 T6. Wall thickness shall be a minimum of 1/8" thick unless otherwise shown.

Brushed Finishes—Brush with abrasive of increasing grit# in a linear directional pattern. Final surface shall have visible grain pattern to match sample approved by Designer. Spray with clear protective finish.

Polished Finish—Brush with abrasive of increasing grit#. Buff to a mirror finish with no visible

Match sample approved by Designer. Spray with clear protective finish.

Non-Directional Finish — Brush with abrasive mounted in an random orbital sander. Match

approved by Designer. Spray with clear protective finish.

#### Chromium stainless steel sheet. Use type 304 or type 316 stainless steel with 16% chromium and 10% nickel.

Plastics

Stainless Steel

#### Cast Acrylic Sheet

Provide cast (not extruded or continuous cast) methyl methacrylate monomer plastic sheet, in sizes and thicknesses indicated, with a minimum flexural strength of 16,000 psi when tested in accordance with ASTM D 790, and a minimum allowable continuous service temperature of 176° F (80° C).

Cast acrylic sheet shall also be flame resistant so that application of a lighted match shall not produce melting, flashing, flaring or distortion. Signs shall not ignite at a temperature less than

#### Vinyl Film

#### Non-Reflective Graphics

Provide 3.0 mil thick 3M Scotchcal Film 220 Series or approved equal Color of vinyl material is to be integral and not surface applied except as noted

#### **Reflective Graphics**

Provide 3M Scotchlite enclosed lens reflective sheeting or approved equal Translucent Graphics

Provide 3M Scotchcal translucent film or approved equal

### Adhesives and Tapes

#### Foam Tape

Provide 3M double coated foam tape 4016, 4032 or equal Adhesive shall be A-20 Acrylic

#### Carrier shall be urethane foam

**Laminating Adhesive** Provide Flexcon V9590 D/FPFW clear or equal

#### VHB Foam Tapes

Provide 3M Scotch VHB 4930 Adhesive shall be Acrylic VHB

Carrier shall be closed cell foam

TTs-00230C, ASTM C920 Clear, (Acetoxy Cure)

033M DP-110 or equal

Silicone Adhesive

#### Cut Letters

Aluminum, stainless steel, bronze (hydrocut or computer driven router cut). Acrylic (computer driven router cut)

## **Anchors and Fastenings**

Provide anchors and fasteners required to secure work in place. Do not expose fastenings on surface of sign panels unless specifically noted otherwise. Do not deform, distort or discolor sign face surfaces by attachment of concealed fastenings

of the same composition completely through their cross sections, particularly when used below grade. Use highest quality stainless steel hardware and fasteners.

All fastenings shall be non-corrosive and resistant to oxidation or other corrosive action,

Anchors, inserts or fasteners shall be compatible with sign materials, shall not result in galvanic action or chemical interaction of adhesives and shall have demonstrable and sufficient strength for intended use.

Steel anchors and fastenings for exterior use shall be galvanized in accordance with ASTM

Fabricate and install signs with fastenings to withstand all actions imposed by use; 30 psf wind perpendicular to surfaces, water, ice, snow loads and similar forces. Anchor bolts in concrete shall be cast in place. Sign Contractor shall furnish instructions for

the setting of anchors and bearing plates. Sign Contractor shall ascertain that the items are

properly set during the process of the work. Secure work with fastenings of same color and finish as the components they secure where they are exposed to view, unless noted otherwise. All exposed fasteners must be vandal resistant and have vandal-proof "spanner" type slots to be removed only with a special driver

### Lighting

High efficiency, long life series parallel lighting system. Sign housings and frame shall be fully sealed against light leakage.

#### Other Light Sources

Provide all specific call-outs on shop drawings for lamp type, necessary transformers or bal-

and all necessary electrical draws for service installation. Locate all transformers on shop drawings.

### <u>Concrete</u>

All concrete footers are to be poured in place

All necessary electrical hardware must be hidden.

All concrete footers are to be poured from thoroughly mixed and agitated concrete in order prevent unreasonable voids in the finished casting.

Concrete to meet specified "PSI Test" for strength: 3,500 psi minimum. Concrete to meet specified "Slump test" before pouring footing. All footings to extend past the frost line. Any footers or posts for signs will be placed in wet concrete and allowed to fully cure in place before any signage is attached or mounted to it in any way. All exposed faces of concrete shall receive a finish to match existing, adjacent surfaces.

### General

Fabricate signs to comply with the requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes and details of construction. Sign panel surfaces shall be smooth, even and fabricated to remain flat under installed conditions. Where specification calls for painted edges, they shall be routed and painted to match face color. For framed units, edges shall be painted or brushed to match finish of face of unit unless otherwise indicated on drawings.

Construction Standards

#### Digitally Printed Media

Printer to have direct-to-substrate printing capabilities with CMYK and White ink options.

All media is to be opaque, with full even coverage, and free from dust bubbles, blemishes and other foreign matter.

Sign Contractor should seek to minimize visible banding over color fields and large graphics. Designer reserves the right to reject print samples that display excessive banding.

Wide format printer output resolution to be a minimum of 2880 x 1440 dpi

### Cut Metal and Acrylic Letters

Aluminum, stainless steel, bronze (hydrocut).

Acrylic (computer driven router cut)

Letters shall be cut from sheet stock to thickness specified in design intent. All letterforms, logo symbols, graphics and icons shall exactly replicate the form as specified in the standards of this document. Manual filing of interior shapes

to remove material left by router bit may be required to create accurate forms.

#### Aluminum and Acrylic Letter Finishes

Return edges shall be painted to match letter face unless otherwise specified. Brushed finished aluminum letters to have sandblasted edges unless otherwise specified.

Cut metal letter forms shall be mounted on surfaces as indicated in the design documentation

#### Fabricated Letters

Metal face and side returns formed free from warp and distortion; with uniform faces, sharp and precisely formed lines and profiles; internally braced for stability and for securing fasteners Masonry/Stone Structures ASI Sign Systems, Inc. (or equal)- Fabricated Aluminum Letters

#### **Illuminated Characters**

Backlighted character construction with LED lighting including transformers, insulators, and other

accessories for operability, with provision for servicing and concealing connections to building electrical system. Use tight or sealed joint construction to prevent unintentional light leakage. Space lamps apart from each other and away from character surfaces as needed to illuminate evenly.

Submit signed and sealed electrical drawings.

#### Provide weep holes to drain water at lowest part of exterior characters. Equip weeps with per-

#### baffles to block light leakage without inhibiting drainage.

#### **Character Material** Sheet or plate aluminum

Material Thickness Manufacturer's standard for size and design of characte

Mounting

Projecting studs

Baked-Enamel or Powder-Coat Finish: Manufacturer's standard, in color as indicated

Manufacturer's standard baked-on clear coating, satin finish.

Hold characters at 1 1/2-inch distance from wall surface.

#### Finishes & Coatings

All exposed paint finishes shall be durable and resistant to scratching and chipping. Finishes shall be spray painted according to manufacturers specifications for environment, curing time, etc. All paints, inks, coatings and finishes, including primers and other surface preparations shall be of the highest quality, manufactured specifically for the surface materials to which they are applied, and shall be compatible with the materials to which they are applied. Surfaces shall be smooth and free of flaws such as scratches, bumps or over-sprayed paint. All paints, inks, and coatings shall be heavy-duty grade to withstand chalking,

#### fading, discoloring, chipping, cracking, and peeling for a minimum of 7 years, or to the maximum manufacture warranty specifications.

Aluminum surfaces shall be spray painted with acrylic polyurethane enamel

#### Primer Coat: Matthews 74 760

Catalyst-43 270

Color Coat: Matthews Acrylic Polyurethane Nuance

#### Stainless Steel

Aluminum

2B: This is achieved by cold rolling, heat treating and pickling, along with the application of a light rolling at the end in order to achieve a smooth and reflective sheen. Considered the most widely used surface finish, 2B is the basis for most polished and brushed finishes. Such common stainless steel grades as 201, 304, 304L and 316L come in a standard 2B finish.

2D: This finish is also achieved by cold rolling, heat treating and pickling, but, unlike 2B, does not receive the light rolling. This achieves a low reflective matte surface appearance that is ideal for industrial and engineering applications yet has different aesthetics than 2B.

#4 Finish: Also called brushed, directional or satin finish. A number 4 finish is characterized by fine polishing grit lines that are uniform and directional in appearance. The final abrasive used in the process is 150 to 220 grit.

#### Acrylic

All background colors shall be spray painted with Matthews Acrylic Polyurethane. Finish with prime coating under a minimum color coat of 1.5 mil dry film thickness. Translucent or transparent acrylic specified for the purpose of transmitting light should be free from internal flaws or variations in color.

#### Vinyl Films

Raised concrete footers

Stone work over masonry

(especially with LED signs).

All vinyl films shall be matte finish unless otherwise specified. Vinyl shall be applied following manufacturers instructions and should meet or exceed requirements for chalking, fading, discoloring, chipping, cracking, and peeling for a minimum of 7 years, or to the maximum manufacture warranty specifications.

#### Aluminum sign panels/letters on mason work Cladding over internal frame

Wiring + Connections All means of internal illumination for signs shall be positioned in accordance with the copy layout to provide even light distribution to the copy. Sign Contractor must apply diffuser materials as necessary to eliminate hot spots created by the illumination

All exterior fixtures and those in wet-damp locations shall be fitted with seals and gaskets to form a weatherproof, watertight assembly and shall be of rust resistant construction and finish.

Provide all step-down transformers and connection devices necessary for electrician to connect to service. Hide any external connections or J-boxes within the structure of the sign. Provide emergency shut-off switches on exterior of sign, per UL regulations. Provide means of adjustment for light output/intensity (rheostat) and operation schedule (photocell sensor or electronic timer) as preferred by Owner. Encase all

## Alternate Fabrication

electrical wiring in flexible metal conduit or metal raceways.

The drawings show design intent only. The Sign Contractor is responsible for fabrication and overall level of quality. Any changes in design, materials, fabrication techniques or details necessary to the successful completion of this project should be

communicated to the Designer in a timely fashion. Further development and engineering of Designer's details (for fabrication and

installation) is expected and should be shown in the shop drawings. The Designer recognizes that manufacturers may have shop fabrication techniques that differ from details shown. Suggested changes in fabrication that do not alter the design intent nor reduce the quality will be considered by the Designer, provided

they are submitted in sketch form, as soon as possible, prior to shop drawing preparation.

### Graphic Standards

All type shall be computer typeset using typefaces specified in the Design Intent Package with letter spacing adjusted where needed to ensure optical spacing. Absolutely no letters are to touch. Only typefaces specified in the Design Intent Package are to be used.

Sign type drawings indicate which copy is uppercase and which is lowercase. These should be followed as much as possible. When the message on the Copy List differs from the drawing, the Copy List should be followed.

All text, arrows and symbols shall be provided in the sizes, colors, typefaces and letter spacing specified in the Design Intent Package. All text shall be a true, clean photo-mechanically accu-

reproduction of the typeface(s) specified as shown in the Graphic Standards section. Text shown in drawings is for layout purposes only (unless message layouts are included in the Design Intent

Package); final text for all signs is shown in the Copy List.

#### KIERANTIMBERLAKE 841 NORTH AMERICAN STREET PHILADELPHIA. PA 19123 V 215-922-6600 MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI 700 MARKET STREET, SUITE 1750 PHILADELPHIA, PA 19103-3926 V 267-238-4000 FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY REENWOOD WILLAGE, CO 80111 V 303-221-0500 IGHTING DESIGN THE LIGHTING PRACTICE 600 CHESTNUT STREET, SUITE 772 PHILADELPHIA, PA 19106 V 215-238-1644 AUDIOVISUAL, IT, AND SECURITY SHEN MILSOM & WILKE 220 N. FILMORE STREET, SUITE 360 RLINGTON, VA 22201 V 703-243-6301 WATER FEATURE DESIGN DELTA FOUNTAINS 1494 COLUMBIA PARK DRIVE, SUITE 4 JACKSONVILLE, FL 32258 / 904-886-9030 CE RINK DESIGN

CIVIL ENGINEER, STRUCTURAL ENGINEER. IEP AND FIRE PROTECTION ENGINEER PENNONI ASSOCIATES INC. 1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103

V 215-222-3000

V 212-337-9973

**ARCHITECTURE** 

LANDSCAPE ARCHITECTURE

HARGREAVES JONES

NEW YORK, NY 10004

CUSTOM ICE INC.

/ 905-632-8840

RRIGATION DESIGN

NASHUA, NH 03062

BURLINGTON, ON L7N 3G2

3375 NORTH SERVICE ROAD, UNIT C2

RRIGATION CONSULTING, INC.

20 MERRIT PARKWAY, 2ND FLOOR

1801 MARKET STREET, SUITE 2600

/ERTICAL TRANSPORTATION

PHILADELPHIA, PA 19103

30 BROAD STREET, 41ST FLOOR

## PENN'S LANDING PARK

VERTICAL TRANSPORTATION EXCELLENCE

## **DELAWARE RIVER** WATERFRONT **CORPORATION**

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

### **REVISIONS**

NO. DATE DESCRIPTION

## **GENERAL NOTES AND**

N/A GENERAL SPECIFICATIONS

SCALE: AS NOTED

90% PROGRESS SET NOT FOR CONSTRUCTION

## LEGEND

SIGN TYPE # SIGN TYPE DESCRIPTION

DRAWN BY: KRD CHECKED BY: CAD FILE: **DATE: AUGUST 29, 2023** 

## SG002

## Paint Colors

Color Name	Paint Specification (Color to Match)	Substrate(s) Application	Application Process
P1 Stainless Steel	MP# 36581	Aluminum	Surface Painted
P2 White	MP# 7435 "Carta Bianca"	Aluminum, Acrylic	Surface Painted
P3 Dark Grey	Match PMS #425C	Aluminum, Acrylic	Surface Painted
D1 Dark Grey	Match PMS #425C	Aluminum, Acrylic	Digitally Printed
V1 White Blockout	3M #3635-20B White Opaque Blockout Film	Acrylic	Surface Applied
V2 Diffuser	3M #3635-30 Diffuser Film	Aluminum, Acrylic	Surface Applied

## <u>Symbols</u>



## Typography

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz

0123456789

Monument Grotesk

T2 ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz

0123456789

Monument Extended

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz

0123456789

Lorem Ipsur	n
Line Spacing	
	e from baseline to baseline as illustrated below as "X."
Lorem Ipsur Lorem Ipsur	n Baseli

Lorem Ipsum Lorem Ipsum

**NOTE:** Individual spacing of each letter needs to be evaluated as shown in the example above. Kern copy so that each character is optically centered between the center of each surrounding character. Adjust tracking as noted in the drawing specification call outs in Section 3.

CIVIL ENGINEER, STRUCTURAL ENGINEER, MEP AND FIRE PROTECTION ENGINEER PENNONI ASSOCIATES INC. 1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103 V 215-222-3000 LANDSCAPE ARCHITECTURE HARGREAVES JONES 30 BROAD STREET, 41ST FLOOR NEW YORK, NY 10004 V 212-337-9973 ARCHITECTURE KIERANTIMBERLAKE 841 NORTH AMERICAN STREET PHILADELPHIA, PA 19123 V 215-922-6600 MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI 1700 MARKET STREET, SUITE 1750 PHILADELPHIA, PA 19103-3926 V 267-238-4000 FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111 V 303-221-0500 LIGHTING DESIGN THE LIGHTING PRACTICE 600 CHESTNUT STREET, SUITE 772 PHILADELPHIA, PA 19106 V 215-238-1644 AUDIOVISUAL, IT, AND SECURITY SHEN MILSOM & WILKE 1220 N. FILMORE STREET, SUITE 360 ARLINGTON, VA 22201 V 703-243-6301 WATER FEATURE DESIGN DELTA FOUNTAINS
11494 COLUMBIA PARK DRIVE, SUITE 4 JACKSONVILLE, FL 32258 V 904-886-9030 ICE RINK DESIGN CUSTOM ICE INC. 3375 NORTH SERVICE ROAD, UNIT C2 BURLINGTON, ON L7N 3G2 V 905-632-8840 IRRIGATION DESIGN IRRIGATION CONSULTING, INC 20 MERRIT PARKWAY, 2ND FLOOR NASHUA, NH 03062

## PENN'S LANDING PARK

VERTICAL TRANSPORTATION EXCELLENCE

DELAWARE RIVER
WATERFRONT
CORPORATION

VERTICAL TRANSPORTATION

1801 MARKET STREET, SUITE 2600 PHILADELPHIA, PA 19103

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

**REVISIONS** 

NO. DATE DESCRIPTION

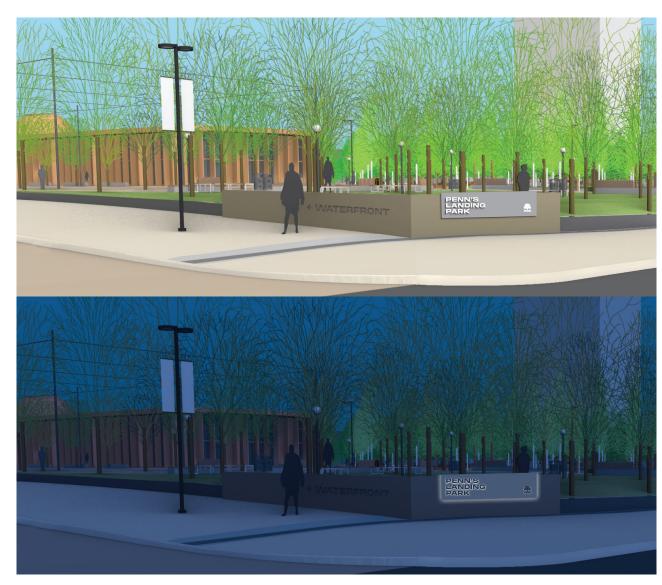
## GENERAL NOTES AND LEGEND

SIGN TYPE # SIGN TYPE DESCRIPTION
N/A GRAPHIC STANDARDS

SCALE: AS NOTED
DRAWN BY: KRD
CHECKED BY:
CAD FILE:
DATE: AUGUST 29, 2023

SG003

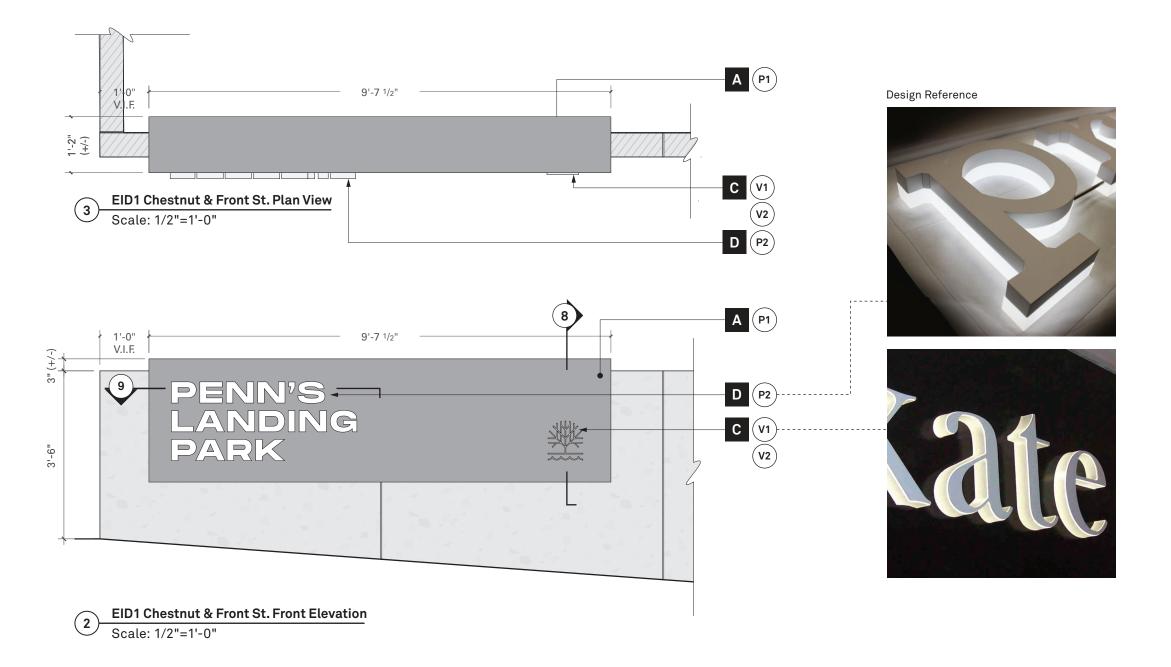
#### **EID1 -** Illuminated Wall Sign

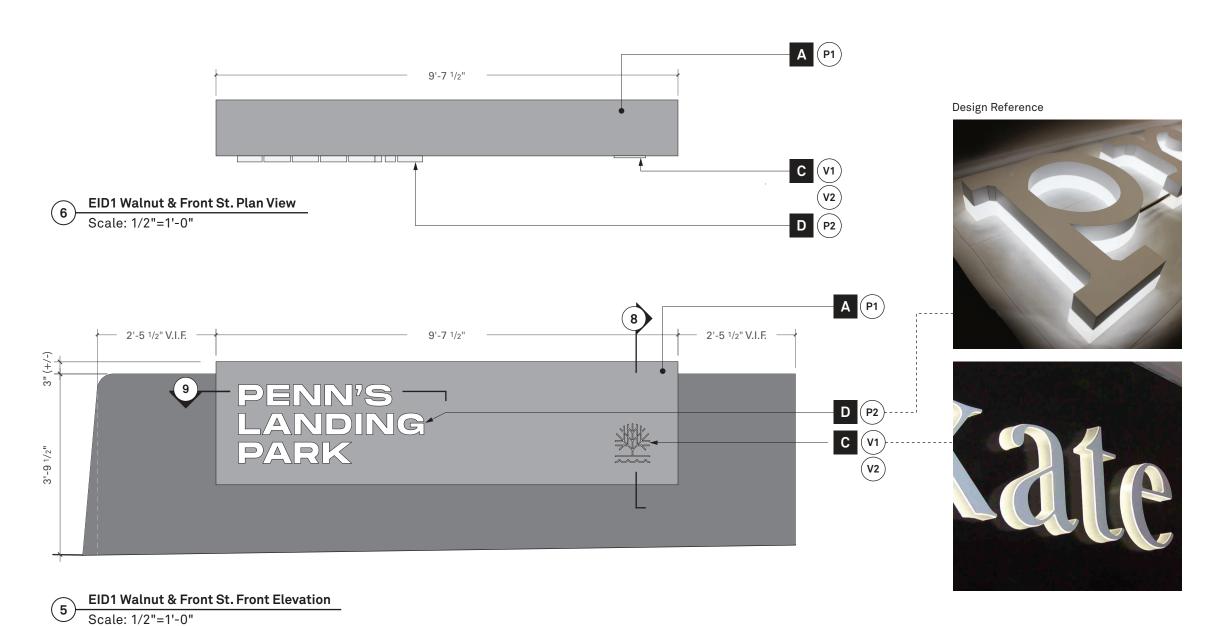


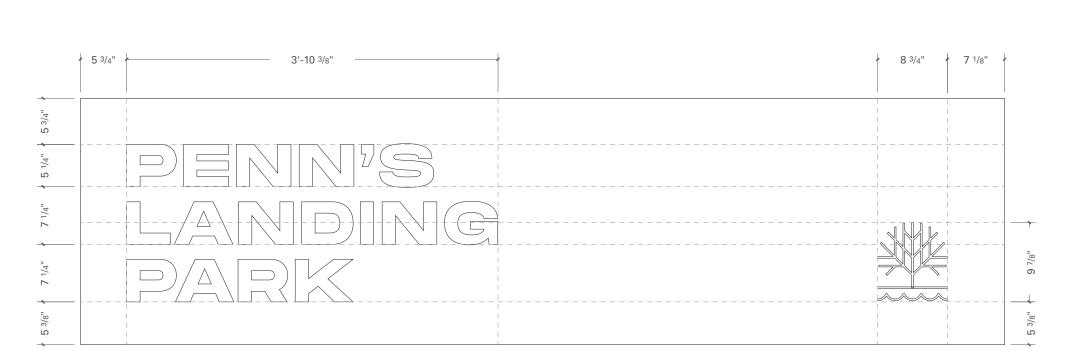
1 EID1 Chestnut & Front St. - Day / Night Renderings
Scale: NTS



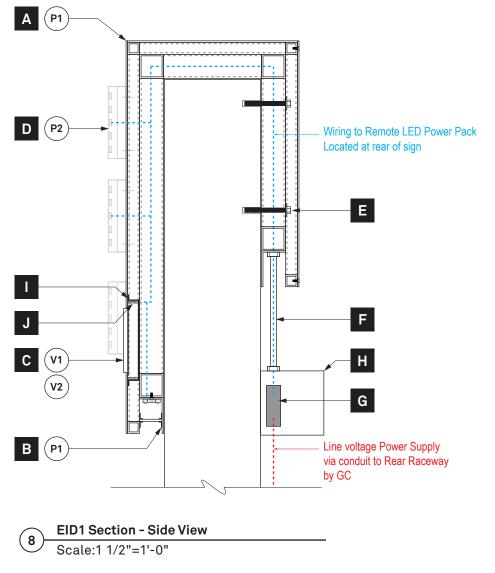
EID1 Walnut & Front St. - Day / Night Renderings Scale: NTS

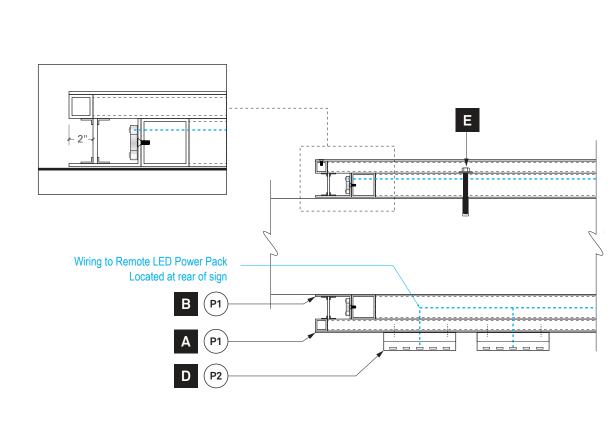






7 Scale: 1"=1'-0" **EID1 Graphic Layout** 





EID1 Section - Plan View 9 Scale:1 1/2"=1'-0"

A Sign Cabinet
1" x 1" + 2" x 2" Fabricated alum. tube construction w/ 1/8" thk. aluminum sign face

B Light Channel 2" x 3" D x 1/8" thk. fabricated alum. angle w/ 1/2" x 1/4" (ripped) x 1/16" alum. angle lens retainers, mechanically fastened to Cabinet .188" white translucent acrylic lens. Bitro Tracer X 3200K LED Illum. FT2314X-12-WW32-5M \*

C Logo 3/4" thk. clear routed acrylic push-thru logo. 1/16" routed flange at 2nd surface w/ 5/8" visible return at Sign Face. 1st Surface opaque block-out vinyl for "Side-Glow" only illumination. 2nd surface applied vinyl Diffuser - Match V1 / V2

Dimensional Letters
Resno illuminated dimensional letters Product: RS-AC-S2 3/4" Deep Painted SS Return, 3/4" Partial Side-Glow Translucent White Acrylic Backer Bitro Tracer X 3200K LED Illum. \*

Mounting Hardware
Secure Cabinet to wall surface w/ appropriate hardware. Rear Sign Panel removes for access w/ tamper-resistant hardware.

**Conduit**Weathertight flexible conduit whip from (length T.B.D.) Sign Cabinet to Electrical Cabinet for LED Wiring to Power Pack

G Power Pack LED Power Pack(s) per manufacturer requirements located in Electrical Cabinet

H Electrical Cabinet
Ground level lockable cabinet housing electronics and feed.

Light Pan .063 fabricated aluminum light pan installed at push-thru Logo area. Painted reflective white w/ perimeter LED lighting

J Push-Thru Logo Lighting
Bitro Tracer X 3200K LED Illum. installed around perimeter return of Light Pan\*

> 3200K Warm White Lighting spec. is based on coordination w/ planned landscape lighting. Exit recommends prototype testing of variable color tempertatures prior to fabrication to determine best color for visibility / integration

These drawings express design intent only and are not for construction.

Fabricator is responsible for: Final design and engineering of components indicated, including all aspects of mounting, erection, Structural integrity, electrical function and connections to power and communications sources to satisfy Owner's requirements. Coordination with contractor and other trades, including but not limited to: lighting, structural, communications and landscaping schemes. Verification of conditions in field prior to submission of shop drawings and samples. If conditions warrant installation change or

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LANDSCAPE ARCHITECTURE HARGREAVES JONES 30 BROAD STREET, 41ST FLOOR NEW YORK, NY 10004 V 212-337-9973

ARCHITECTURE
KIERANTIMBERLAKE 841 NORTH AMERICAN STREET PHILADELPHIA, PA 19123

V 215-922-6600 MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI 1700 MARKET STREET, SUITE 1750 PHILADELPHIA, PA 19103-3926

V 267-238-4000 FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111 V 303-221-0500

LIGHTING DESIGN THE LIGHTING PRACTICE 600 CHESTNUT STREET, SUITE 772 PHILADELPHIA, PA 19106

V 215-238-1644 AUDIOVISUAL, IT, AND SECURITY SHEN MILSOM & WILKE

1220 N. FILMORE STREET, SUITE 360 ARLINGTON, VA 22201 V 703-243-6301 WATER FEATURE DESIGN DELTA FOUNTAINS

11494 COLUMBIA PARK DRIVE, SUITE 4

JACKSONVILLE, FL 32258 V 904-886-9030 ICE RINK DESIGN CUSTOM ICE INC. 3375 NORTH SERVICE ROAD, UNIT C2 BURLINGTON, ON L7N 3G2 V 905-632-8840

IRRIGATION DESIGN IRRIGATION CONSULTING, INC 20 MERRIT PARKWAY, 2ND FLOOR NASHUA, NH 03062

VERTICAL TRANSPORTATION
VERTICAL TRANSPORTATION EXCELLENCE 1801 MARKET STREET, SUITE 2600 PHILADELPHIA, PA 19103

## PENN'S LANDING **PARK**

### **DELAWARE RIVER** WATERFRONT **CORPORATION**

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

**REVISIONS** 

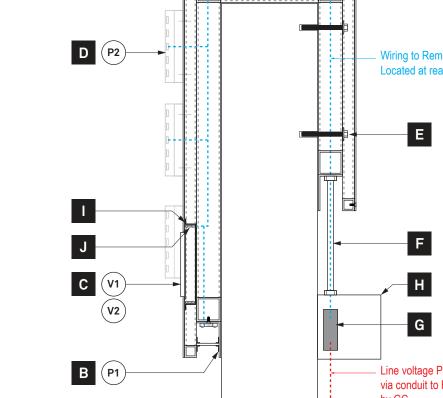
NO. DATE DESCRIPTION

### **GENERAL NOTES AND LEGEND**

SIGN TYPE # SIGN TYPE DESCRIPTION EID1 Illuminated Wall Sign

SCALE: AS NOTED DRAWN BY: KRD CHECKED BY: CAD FILE: DATE: AUGUST 29, 2023

SG004

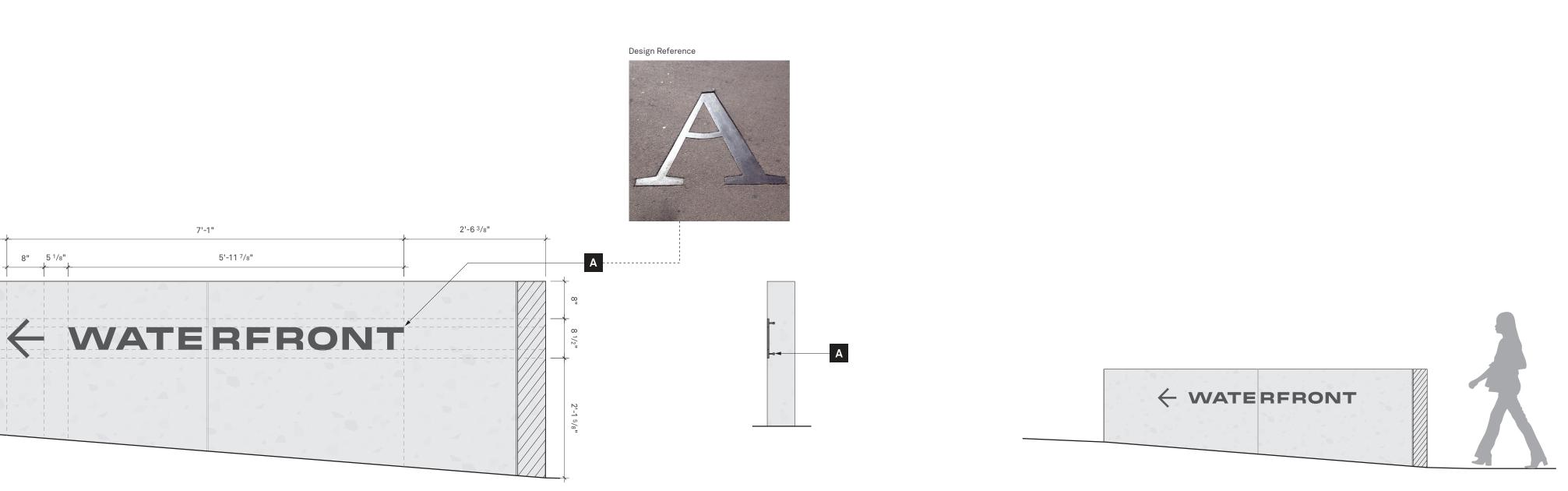


1'-11 <sup>1</sup>/8"

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

EID2 Chestnut & Front St. Front Eletation

8" 5 <sup>1</sup>/<sub>8</sub>" + + 7'-1"



3 Scale: 3/8"=1'-0"

EID2 Chestnut & Front St. Front Eletation

2 EID2 - Section - Side View Scale: 3/4"=1'-0"

A Stainless Steel Cut Letters / Arrow Cast-in-place to Concrete Wall w/ Stainless Steel Bolt Anchors as required. Designer to provide artwork.

1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103 V 215-222-3000 LANDSCAPE ARCHITECTURE HARGREAVES JONES 30 BROAD STREET, 41ST FLOOR NEW YORK, NY 10004 V 212-337-9973 ARCHITECTURE
KIERANTIMBERLAKE 841 NORTH AMERICAN STREET PHILADELPHIA, PA 19123 V 215-922-6600 MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI 1700 MARKET STREET, SUITE 1750 PHILADELPHIA, PA 19103-3926 V 267-238-4000 FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111 V 303-221-0500 LIGHTING DESIGN THE LIGHTING PRACTICE 600 CHESTNUT STREET, SUITE 772 PHILADELPHIA, PA 19106 V 215-238-1644 AUDIOVISUAL, IT, AND SECURITY SHEN MILSOM & WILKE 1220 N. FILMORE STREET, SUITE 360 ARLINGTON, VA 22201 V 703-243-6301 WATER FEATURE DESIGN DELTA FOUNTAINS
11494 COLUMBIA PARK DRIVE, SUITE 4 JACKSONVILLE, FL 32258 V 904-886-9030 ICE RINK DESIGN CUSTOM ICE INC. 3375 NORTH SERVICE ROAD, UNIT C2 BURLINGTON, ON L7N 3G2 V 905-632-8840 IRRIGATION DESIGN IRRIGATION CONSULTING, INC 20 MERRIT PARKWAY, 2ND FLOOR NASHUA, NH 03062 VERTICAL TRANSPORTATION
VERTICAL TRANSPORTATION EXCELLENCE 1801 MARKET STREET, SUITE 2600 PHILADELPHIA, PA 19103

CIVIL ENGINEER, STRUCTURAL ENGINEER, MEP AND FIRE PROTECTION ENGINEER

PENNONI ASSOCIATES INC.

## PENN'S LANDING PARK

### DELAWARE RIVER WATERFRONT **CORPORATION**

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

#### **REVISIONS**

NO. DATE DESCRIPTION

### **GENERAL NOTES AND** LEGEND

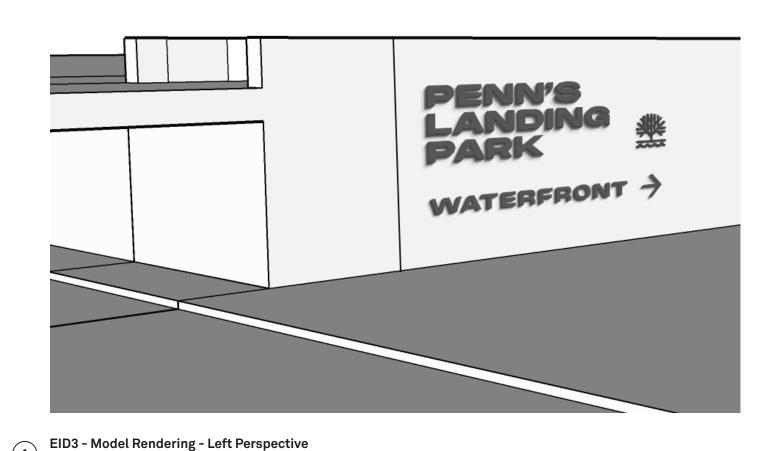
SIGN TYPE # SIGN TYPE DESCRIPTION EID2 Wall Directional

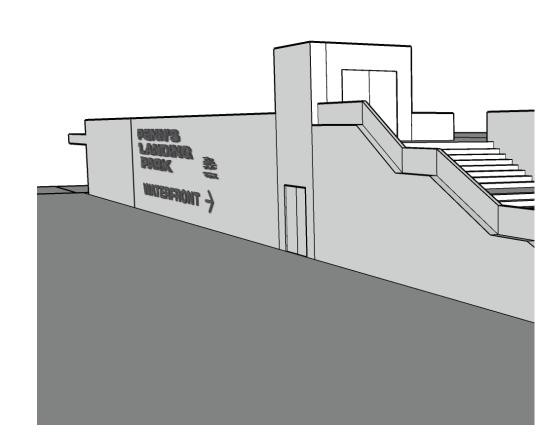
SCALE: AS NOTED DRAWN BY: KRD CHECKED BY: CAD FILE: DATE: AUGUST 29, 2023

## SG005

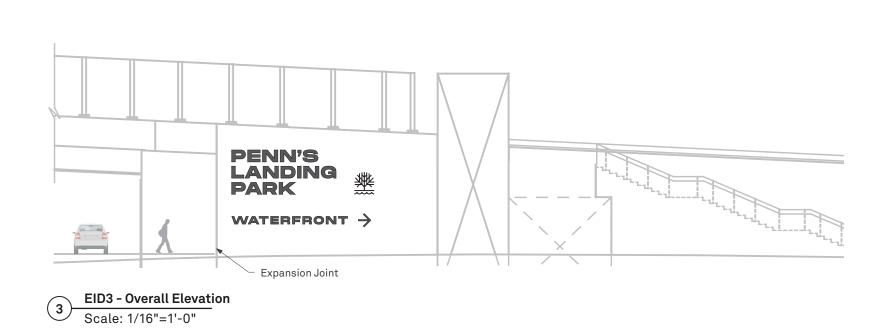
#### **EID3** - Dimensional Letters

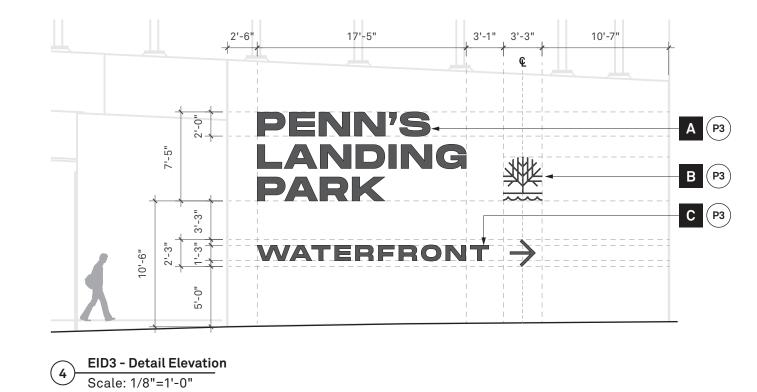
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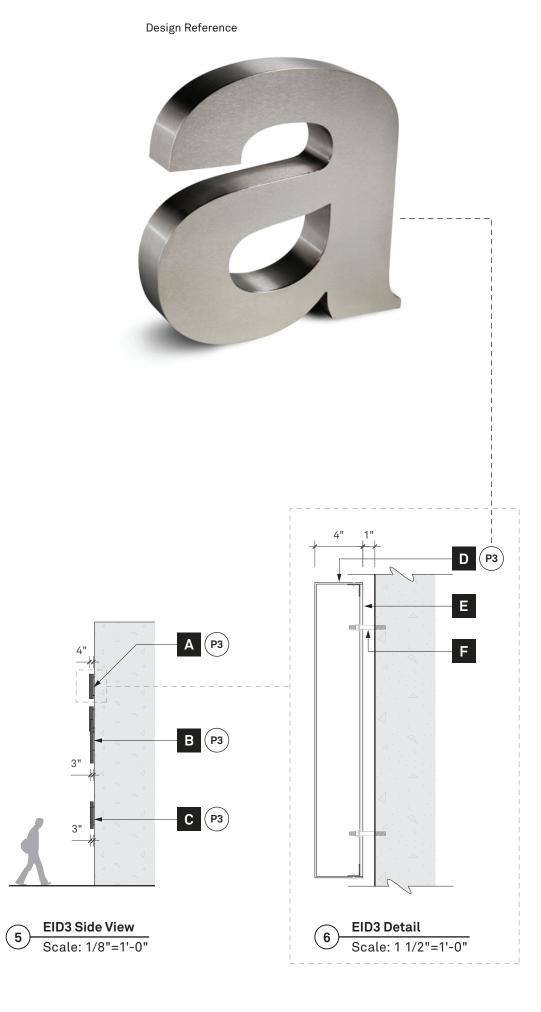




2 EID3 - Model Rendering - Right Perspective
Scale: NTS







A Logo Letters \*
2' Fabricated aluminum letter-forms. 4" returns. Face and returns painted color as noted: TBD.

B Logo Mark \*
Fabricated aluminum letter-forms. 3" returns. Face and returns painted color as noted: TBD.

C Directional Copy & Arrow \*
Fabricated aluminum letter-forms. 2" returns. Face and returns painted color as noted: TBD.

Letter Returns \*
Aluminum returns. Fabricator to determine thickness by engineering. Provide weep holes as necessary.

Back Plate
Solid aluminum back plate.

Hardware F Hardware
Mount back plate w/ expansion anchor at 2 1/2" minimum embedment. 1" stand-offs between wall and letters.

> These drawings express design intent only and are not for construction.

NOTE \* Letter Color T.B.D. based on field review of samples based on appropriate levels of contrast & legibility against bridge finish

1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103 V 215-222-3000 LANDSCAPE ARCHITECTURE HARGREAVES JONES 30 BROAD STREET, 41ST FLOOR NEW YORK, NY 10004 V 212-337-9973 ARCHITECTURE
KIERANTIMBERLAKE 841 NORTH AMERICAN STREET PHILADELPHIA, PA 19123 V 215-922-6600 MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI 1700 MARKET STREET, SUITE 1750 PHILADELPHIA, PA 19103-3926 V 267-238-4000 FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111 V 303-221-0500 LIGHTING DESIGN THE LIGHTING PRACTICE 600 CHESTNUT STREET, SUITE 772 PHILADELPHIA, PA 19106 V 215-238-1644 AUDIOVISUAL, IT, AND SECURITY SHEN MILSOM & WILKE 1220 N. FILMORE STREET, SUITE 360 ARLINGTON, VA 22201 V 703-243-6301 WATER FEATURE DESIGN DELTA FOUNTAINS
11494 COLUMBIA PARK DRIVE, SUITE 4 JACKSONVILLE, FL 32258 V 904-886-9030 ICE RINK DESIGN CUSTOM ICE INC. 3375 NORTH SERVICE ROAD, UNIT C2 BURLINGTON, ON L7N 3G2 V 905-632-8840 IRRIGATION DESIGN

CIVIL ENGINEER, STRUCTURAL ENGINEER, MEP AND FIRE PROTECTION ENGINEER

PENNONI ASSOCIATES INC.

## PENN'S LANDING PARK

VERTICAL TRANSPORTATION
VERTICAL TRANSPORTATION EXCELLENCE

### **DELAWARE RIVER** WATERFRONT **CORPORATION**

IRRIGATION CONSULTING, INC 20 MERRIT PARKWAY, 2ND FLOOR

1801 MARKET STREET, SUITE 2600 PHILADELPHIA, PA 19103

NASHUA, NH 03062

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

**REVISIONS** 

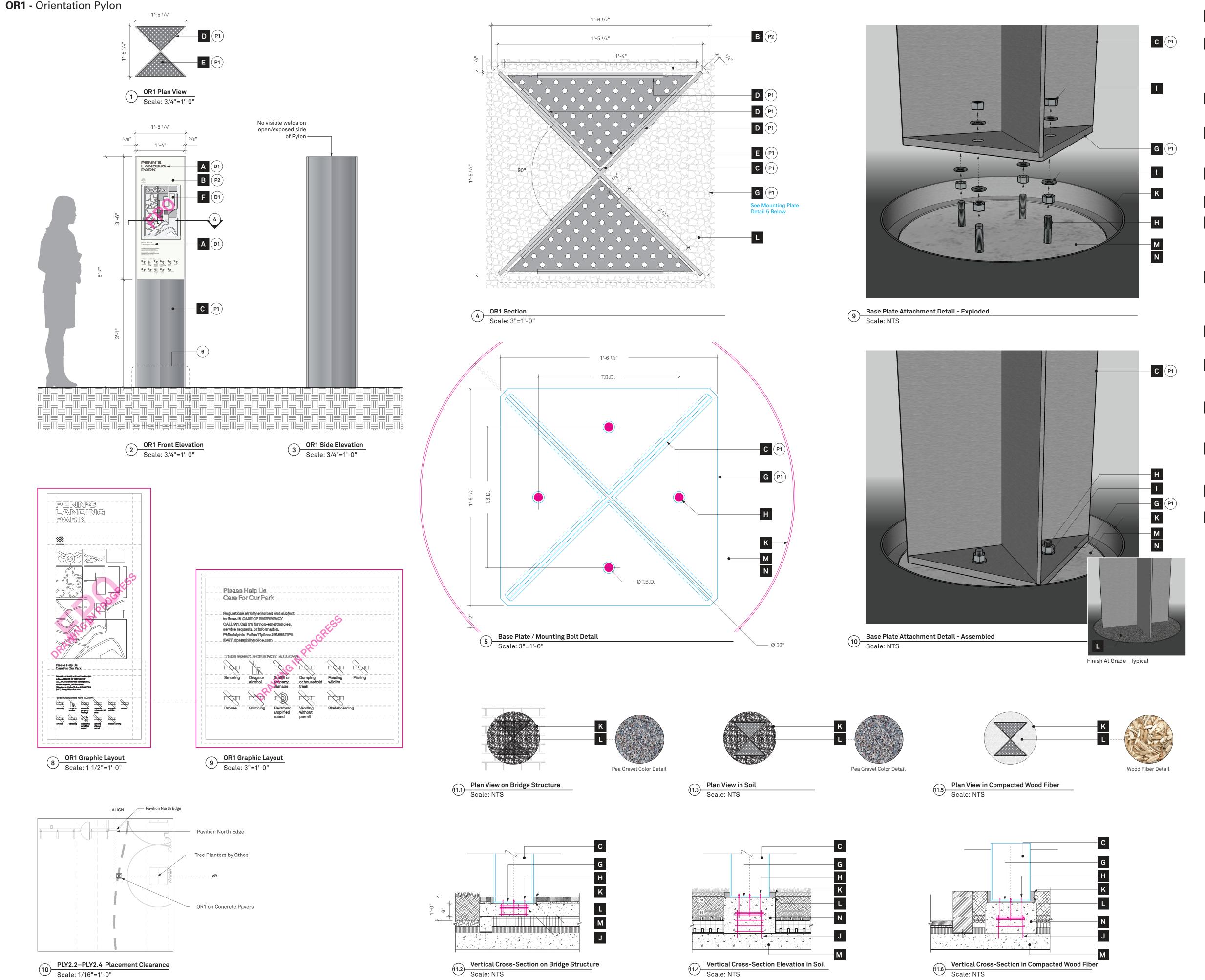
NO. DATE DESCRIPTION

### **GENERAL NOTES AND** LEGEND

SIGN TYPE # SIGN TYPE DESCRIPTION EID3 Dimensional Letters

SCALE: AS NOTED DRAWN BY: KRD CHECKED BY: CAD FILE: DATE: AUGUST 29, 2023

SG006



A Graphics
Digital print direct to substrate.
Color as noted.

Sign Panel
1/8" aluminum sign panel,
painted to match: MP7435 Carta
Bianca with printed graphics.
Weather-proof coating as required
for outdoor graphics. Mount to angle
brackets with 3M VHB tape.

Pylon Structure
1/4" Thk. alum. plate, assembled in X
configuration w/ welds at concealed
interior corners + Mounting Plate

Angle Brackets
Aluminum angle brackets welded to interior sign panel and pylon. Attach mechanically to perforated metal, angles act as a shelf.

Perforated Metal
Perforated metal mechanically
attached to angle brackets.

Map Artwork
Digital print direct to substrate.

Mounting Plate
1/2" thk. aluminum plate, fully
welded to base of Pylon Structure w/
drilled thru-holes for Mounting Bolts
By Sign Contractor. Bolt pattern /
spacing T.B.D. by Pennoni based on
Structural requirements

H Mounting Bolts
S.S. anchor bolts embedded into
Concrete Deck/Footer. Top of bolt to
be below finished grade
By Pennoni. Bolt pattern / spacing
T.B.D. by Pennoni based on
Structural requirements

Nut + Washers
S.S. Leveling Nuts + Washers used
above + below Mounting Plate
By Pennoni

Rebar
Rebar in reinforced concrete slab
By Pennoni. Rebar size / spacing
T.B.D. by Pennoni based on
Structural requirements

Metal Landscape Edging
Installed +2" beyond Mounting Plate
area to match finished grade of
surrounding Landscape / Hardscape
By Pennoni

Landscape Architect to specify infill to Grade Level at base of sign inside installed Metal Landscape Edging By Sign Contractor.

M Bridge Deck
Concrete Bridge Deck
By Pennoni

N Concrete Footer
Additional Concrete Footer / Spread
Footer above Bridge Deck
By Pennoni based on Structural
requirements

Note: These drawings express design intent only and are not for construction.

Fabricator is responsible for: Final design and engineering of components indicated, including all aspects of mounting, erection, anchoring and attachment. Structural integrity and communications sources to satisfy Owner's requirements. Coordination with contractor and other trades, including but not limited to: structural, communications and landscaping schemes. Verification of conditions in field prior to submission of shop drawings and samples. If conditions warrant installation change or relocation of sign, shop drawings and elevations are to be submitted, with proposed changes, to Designer and Owner for review and approval. Submittals for approval by Designer prior to fabrication and installation, including but not limited to: shop drawings with seal of registered

engineer and samples of materials, colors applications and finishes.

CIVIL ENGINEER, STRUCTURAL ENGINEER, MEP AND FIRE PROTECTION ENGINEER PENNONI ASSOCIATES INC.

1900 MARKET STREET, SUITE 300
PHILADELPHIA, PA 19103
V 215-222-3000

LANDSCAPE ARCHITECTURE
HARGREAVES JONES
30 BROAD STREET, 41ST FLOOR
NEW YORK, NY 10004
V 212-337-9973

HARGREAVES JONES
30 BROAD STREET, 41ST FLOOR
NEW YORK, NY 10004
V 212-337-9973
ARCHITECTURE
KIERANTIMBERLAKE
841 NORTH AMERICAN STREET
PHILADELPHIA, PA 19123
V 215-922-6600

MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI
1700 MARKET STREET, SUITE 1750
PHILADELPHIA, PA 19103-3926
V 267-238-4000

FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111 V 303-221-0500

LIGHTING DESIGN
THE LIGHTING PRACTICE
600 CHESTNUT STREET, SUITE 772
PHILADELPHIA, PA 19106

V 215-238-1644

AUDIOVISUAL, IT, AND SECURITY

SHEN MILSOM & WILKE

1220 N. FILMORE STREET, SUITE 360

ARLINGTON, VA 22201

V 703-243-6301
WATER FEATURE DESIGN
DELTA FOUNTAINS
11494 COLUMBIA PARK DRIVE, SUITE 4
JACKSONVILLE, FL 32258
V 904-886-9030

ICE RINK DESIGN
CUSTOM ICE INC.
3375 NORTH SERVICE ROAD, UNIT C2
BURLINGTON, ON L7N 3G2
V 905-632-8840

IRRIGATION DESIGN
IRRIGATION CONSULTING, INC
20 MERRIT PARKWAY, 2ND FLOOR
NASHUA, NH 03062

VERTICAL TRANSPORTATION
VERTICAL TRANSPORTATION EXCELLENCE
1801 MARKET STREET, SUITE 2600
PHILADELPHIA, PA 19103

## PENN'S LANDING PARK

DELAWARE RIVER
WATERFRONT
CORPORATION

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

REVISIONS

NO. DATE DESCRIPTION

## GENERAL NOTES AND LEGEND

SIGN TYPE # SIGN TYPE DESCRIPTION
OR1 Orientation Pylon

SCALE: AS NOTED
DRAWN BY: KRD
CHECKED BY:
CAD FILE:
DATE: AUGUST 29, 2023

SG007





PYL1.2-PYL1.4 Model Rendering - Day
Scale: NTS

2 PYL1.2-PYL1.4 Model Rendering - Night Scale: NTS

CIVIL ENGINEER, STRUCTURAL ENGINEER, MEP AND FIRE PROTECTION ENGINEER PENNONI ASSOCIATES INC. 1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103 V 215-222-3000

LANDSCAPE ARCHITECTURE HARGREAVES JONES 30 BROAD STREET, 41ST FLOOR NEW YORK, NY 10004 V 212-337-9973

ARCHITECTURE
KIERANTIMBERLAKE
841 NORTH AMERICAN STREET PHILADELPHIA, PA 19123 V 215-922-6600

MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI 1700 MARKET STREET, SUITE 1750 PHILADELPHIA, PA 19103-3926 V 267-238-4000

FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111

V 303-221-0500 LIGHTING DESIGN THE LIGHTING PRACTICE 600 CHESTNUT STREET, SUITE 772 PHILADELPHIA, PA 19106 V 215-238-1644

AUDIOVISUAL, IT, AND SECURITY SHEN MILSOM & WILKE 1220 N. FILMORE STREET, SUITE 360

ARLINGTON, VA 22201 V 703-243-6301 WATER FEATURE DESIGN DELTA FOUNTAINS
11494 COLUMBIA PARK DRIVE, SUITE 4 JACKSONVILLE, FL 32258 V 904-886-9030

ICE RINK DESIGN CUSTOM ICE INC. 3375 NORTH SERVICE ROAD, UNIT C2 BURLINGTON, ON L7N 3G2 V 905-632-8840

IRRIGATION DESIGN IRRIGATION CONSULTING, INC 20 MERRIT PARKWAY, 2ND FLOOR NASHUA, NH 03062

VERTICAL TRANSPORTATION
VERTICAL TRANSPORTATION EXCELLENCE 1801 MARKET STREET, SUITE 2600 PHILADELPHIA, PA 19103

## PENN'S LANDING PARK

### DELAWARE RIVER WATERFRONT CORPORATION

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

**REVISIONS** 

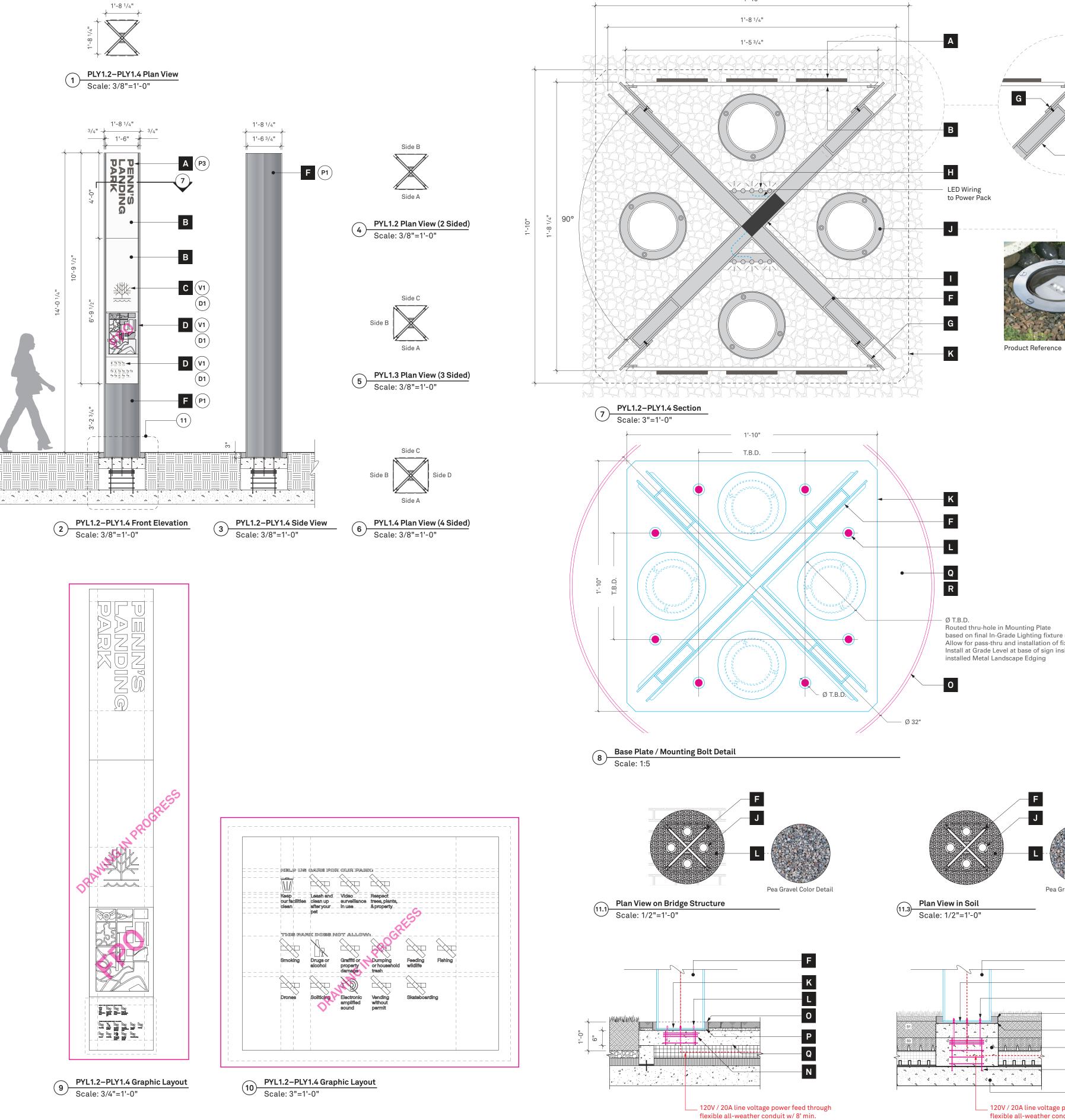
NO. DATE DESCRIPTION

### GENERAL NOTES AND LEGEND

SIGN TYPE # SIGN TYPE DESCRIPTION PLY1 Illuminated Pylon

SCALE: AS NOTED DRAWN BY: KRD CHECKED BY: CAD FILE: DATE: AUGUST 29, 2023

SG008



**PYL1** - Illuminated Pylon

1'-10"

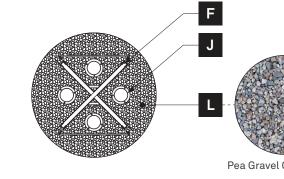
Routed thru-hole in Mounting Plate based on final In-Grade Lighting fixture spec / size Allow for pass-thru and installation of fixture. Install at Grade Level at base of sign inside installed Metal Landscape Edging

above grade whip through footer. Locate

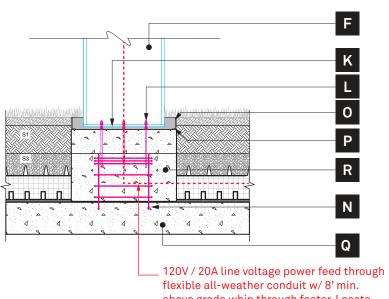
centered on Mounting Bolts

Vertical Cross-Section on Bridge Structure

Scale: NTS







above grade whip through footer. Locate centered on Mounting Bolts Vertical Cross-Section in Soil Vertical Cros

Plan View in Compacted Wood Fiber

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

\_120V / 20A line voltage power feed through flexible all-weather conduit w/8' min. above grade whip through footer. Locate centered on Mounting Bolts

Wood Fiber Detail

**Vertical Cross-Section in Compacted Wood Fiber** 11.6 Scale: NTS

These drawings express design intent only and are not for construction.

Fabricator is responsible for: Final design and engineering of components indicated, including all aspects of mounting, erection, anchoring and attachment. Structural integrity, electrical function and connections to power and communications sources to satisfy Owner's requirements. Coordination with contractor and other trades, including but not limited to: lighting, structural, communications and landscaping schemes. Verification of conditions in field prior to submission of shop drawings and samples. If conditions warrant installation change or relocation of sign, shop drawings and elevations are to be submitted, with proposed changes, to Designer and Owner for review and approval. Submittals for approval by Designer prior to fabrication and installation, including but not limited to: shop drawings with seal of registered engineer and samples of materials, colors applications and finishes.

**Dimensional Letters** A Dimensional Letters
1/4" Acrylic letters. Painted, non-illuminated. Mount with full coverage 3M VHB tape on second

Sign Panels
Optix 24061 D Optix 2406LD diffuser acrylic, color match MP7435 Carta Bianca. 45° reverse bevel-cut edge detail at vertical edges. Mechanically fastened to Panel Brackets w/ tamper resistant, flathead + countersunk fasteners. Fasteners Painted - P2

C Logo 3M Blackout 3635-20b white film with digital print. Match V1 / D1

Map 3M Envision 3730 translucent film with digital print. Match V1 / D1

Note: Map artwork by others.

Message
3M Blackout 3635-20b white film with digital print.Match V1 / D1

Pylon Structure 4" x 1" x 1/8" thk. 6063-T52 fabricated aluminum tube const. Mitre-cut + welded at outside corners. Assembled in X configuration w/ welds at concealed interior corners. 1/4" thk. aluminum outer skin on all frame surfaces w/ 2" overhang "fins" on vertical edges. Outer skin mechanically fastened w/ tamper resistant, flathead + countersunk fasteners. Paint P1 - All surfaces

G Sign Panel Brackets 6" H x 1/4" thk. 45° break-form alum. w/ drill + tap holes for Acrylic Panel fasteners on outer flange. Mechanically fastened to Pylon Structure at inner flange w/ tamper resistant, flathead + countersunk fasteners. Paint P1 - All surfaces

Sign Panel Lighting \* H IP65 Exterior Rated LED linear light fixtures w/ diffuser lens installed at interior corners for Acrylic Sign Panel backlighting. 3200k Warm White

> Note: Distance from Sign Panels to be verified.

Power Pack
LED Power Pack(s) per manufacturer requirements located in Pylon structure w/ removable Access Panel

In-Grade Lights \* In-Grade Lights \*
Kim Lighting LTV764/SS60 (or Equal) 50W MR16 Halogen 120 Volt Die-Cast Brass In-Grade Minivault Landscape Light, w/ Stainless Steel Lens Ring, 3200k Warm White. Install at Grade Level at base of sign inside installed Metal Landscape Edging By Sign Contractor.

Mounting Plate 3/4" thk. aluminum plate, fully welded to base of Pylon Structure w/ drilled thru-holes for Mounting Bolts By Sign Contractor. Bolt pattern / spacing T.B.D. by Pennoni based on Structural requirements

Mounting Bolts
S.S. anchor bolts embedded into Concrete Deck/Footer. Top of bolt to be below finished grade By Pennoni. Bolt pattern / spacing T.B.D. by Pennoni based on Structural requirements

Nut + Washers Mut + Washers
S.S. Leveling Nuts + Washers used above + below Mounting Plate By Pennoni

Rebar in reinforced concrete slab By Pennoni. Rebar size / spacing T.B.D. by Pennoni based on Structural requirements

Metal Landscape Edging
Install centered on Mounting Bolt Metal Landscape Edging area, to match finished grade of surrounding Landscape / Hardscape

**Ground Material Infill** Cround Material IIII.

Landscape Architect to specify infill to Grade Level at base of sign inside installed Metal Landscape Edging By Sign Contractor.

Q Bridge Deck
Concrete Bridge Deck

Concrete Footer R Concrete Footer
Additional Concrete Footer / Spread Footer above Bridge Deck By Pennoni based on Structural requirements

> 3200K Warm White Lighting spec. is based on coordination w/ planned landscape lighting. Exit recommends prototype testing of variable color tempertatures prior to fabrication to determine best color for visibility / integration

MEP AND FIRE PROTECTION ENGINEER PENNONI ASSOCIATES INC. 1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103 V 215-222-3000 LANDSCAPE ARCHITECTURE HARGREAVES JONES 30 BROAD STREET, 41ST FLOOR NEW YORK, NY 10004 V 212-337-9973 ARCHITECTURE KIERANTIMBERLAKE 841 NORTH AMERICAN STREET PHILADELPHIA, PA 19123

CIVIL ENGINEER, STRUCTURAL ENGINEER,

V 215-922-6600 MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI 1700 MARKET STREET, SUITE 1750 PHILADELPHIA, PA 19103-3926 V 267-238-4000 FOOD SERVICE DESIGN

RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111 V 303-221-0500

LIGHTING DESIGN THE LIGHTING PRACTICE 600 CHESTNUT STREET, SUITE 772 PHILADELPHIA, PA 19106

V 215-238-1644 AUDIOVISUAL, IT, AND SECURITY SHEN MILSOM & WILKE 1220 N. FILMORE STREET, SUITE 360 ARLINGTON, VA 22201 V 703-243-6301 WATER FEATURE DESIGN **DELTA FOUNTAINS** 

11494 COLUMBIA PARK DRIVE, SUITE 4 JACKSONVILLE, FL 32258 V 904-886-9030 ICE RINK DESIGN CUSTOM ICE INC. 3375 NORTH SERVICE ROAD, UNIT C2 BURLINGTON, ON L7N 3G2 V 905-632-8840 IRRIGATION DESIGN

IRRIGATION CONSULTING, INC 20 MERRIT PARKWAY, 2ND FLOOR NASHUA, NH 03062

VERTICAL TRANSPORTATION VERTICAL TRANSPORTATION EXCELLENCE 1801 MARKET STREET, SUITE 2600 PHILADELPHIA, PA 19103

## PENN'S LANDING **PARK**

**DELAWARE RIVER** WATERFRONT **CORPORATION** 

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

**REVISIONS** 

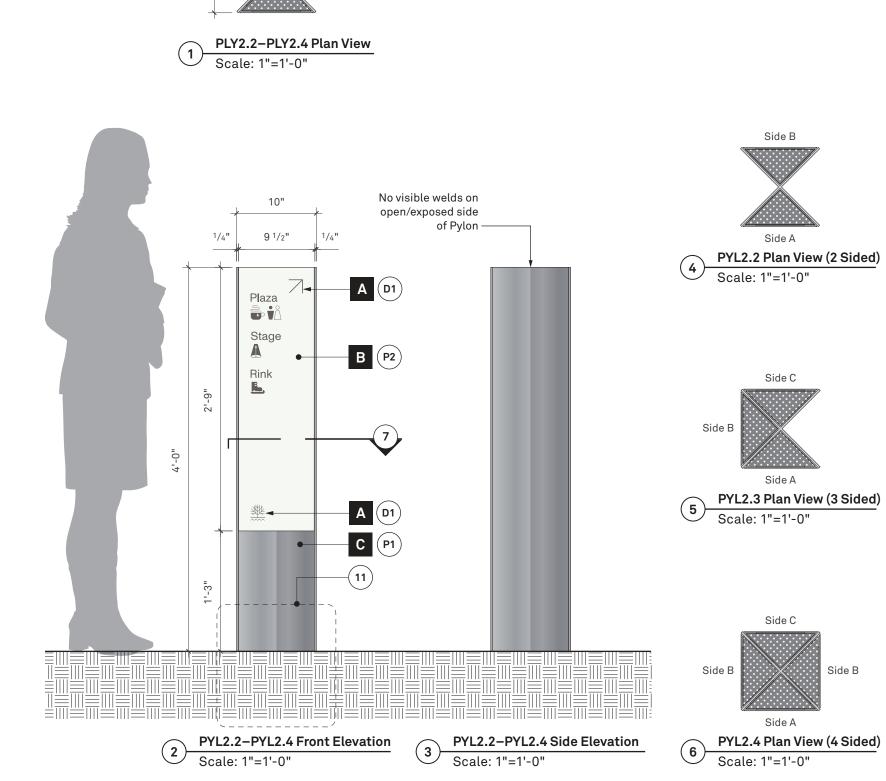
NO. DATE DESCRIPTION

### **GENERAL NOTES AND LEGEND**

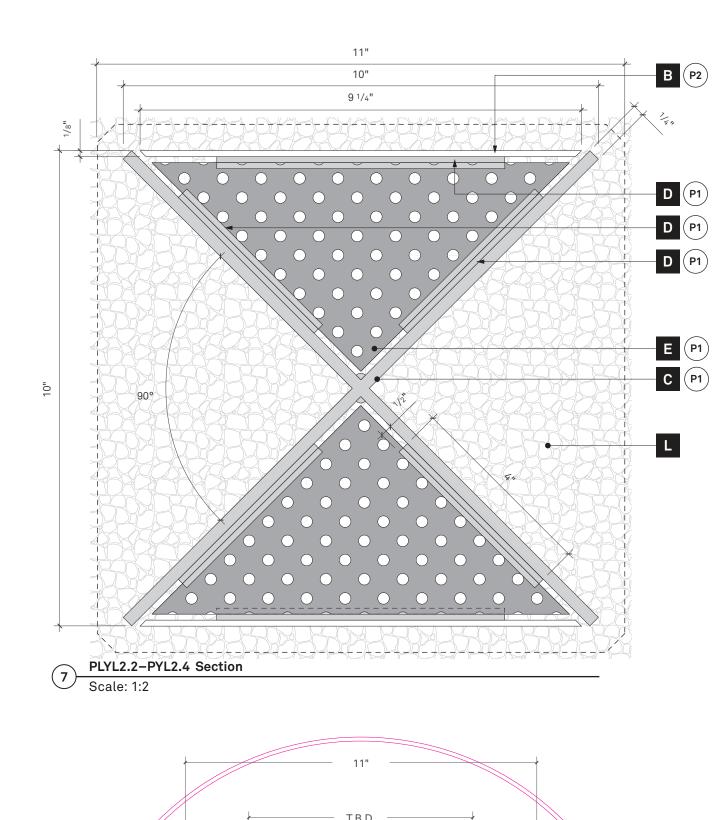
SIGN TYPE # SIGN TYPE DESCRIPTION PLY1 Illuminated Pylon

SCALE: AS NOTED DRAWN BY: KRD CHECKED BY: CAD FILE: DATE: AUGUST 29, 2023

**SG09** 



**PYL2 -** Information Pylon



PYL2.2 Plan View (2 Sided)

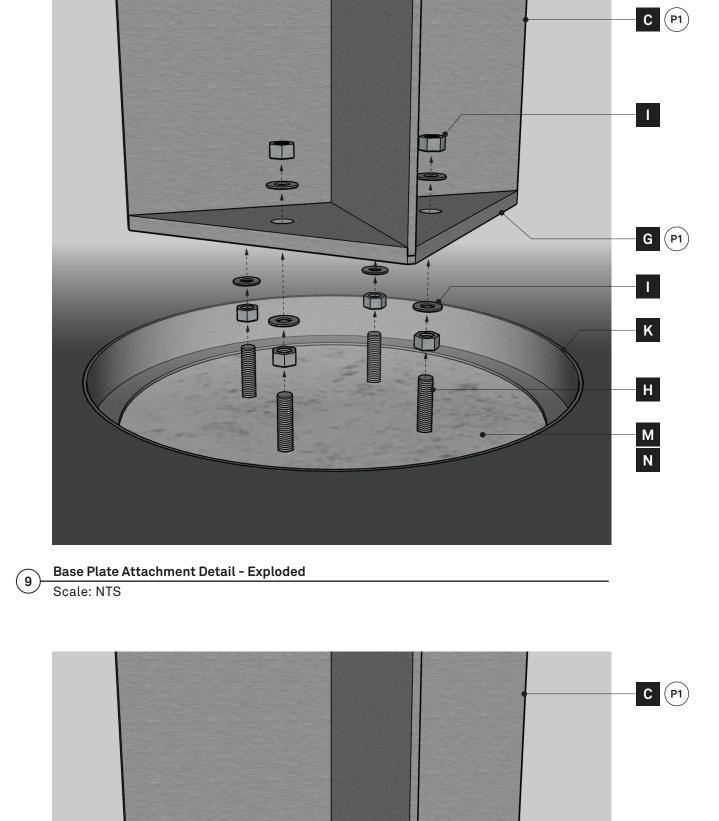
Side A

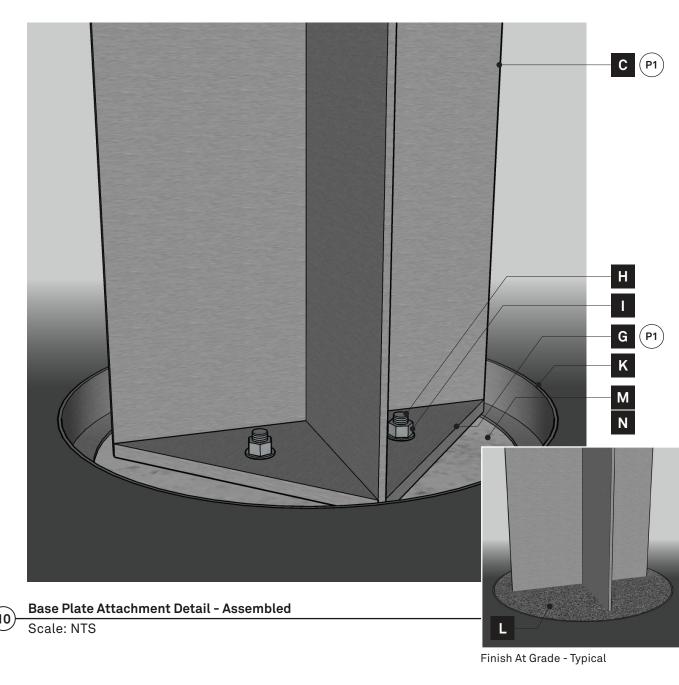
Side C

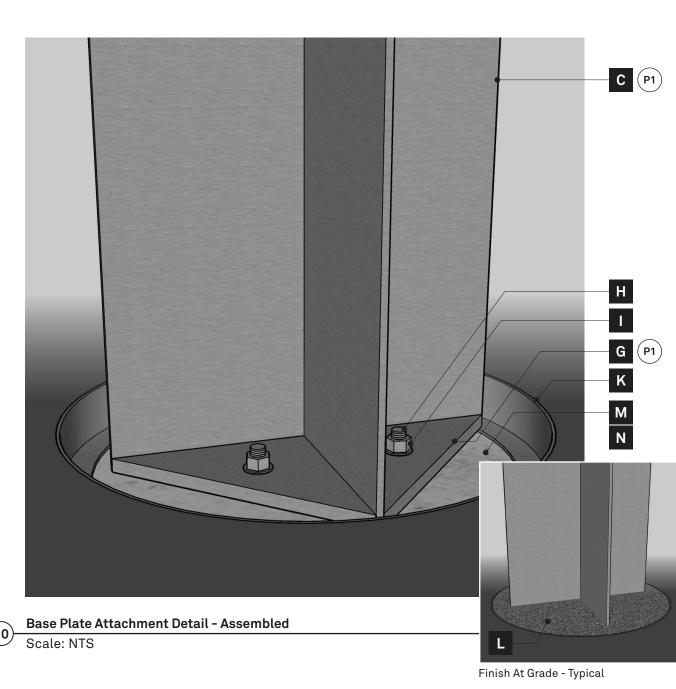
Side A

Scale: 1"=1'-0"

PYL2.4 Plan View (4 Sided)









101 S CHRISTOPHER COLUMBUS BOULEVARD

PHILADELPHIA, PA 19106

REVISIONS

NO. DATE DESCRIPTION

CIVIL ENGINEER, STRUCTURAL ENGINEER,

MEP AND FIRE PROTECTION ENGINEER PENNONI ASSOCIATES INC.

1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103

LANDSCAPE ARCHITECTURE

HARGREAVES JONES

NEW YORK, NY 10004

V 212-337-9973

30 BROAD STREET, 41ST FLOOR

V 215-222-3000

A Graphics
Digital print direct to substrate.

painted to match: MP7435 Carta Bianca with printed graphics.

brackets with 3M VHB tape.

Pylon Structure
1/4" Thk. alum. plate, assembled in X

Angle Brackets
Aluminum angle brackets welded to

angles act as a shelf.

Perforated Metal
Perforated metal mechanically

Map Artwork
Digital print direct to substrate.

G Mounting Plate 1/2" thk. aluminum plate, fully

H Mounting Bolts
S.S. anchor bolts embedded into

be below finished grade

Structural requirements

By Pennoni

By Pennoni

By Sign Contractor.

M Bridge Deck
Concrete Bridge Deck

By Pennoni

N Concrete Footer

requirements

construction.

T.B.D. by Pennoni based on

Nut + Washers
S.S. Leveling Nuts + Washers used

Rebar in reinforced concrete slab

Structural requirements

K Metal Landscape Edging
Install centered on Mounting Bolt

area, to match finished grade of

Ground Material Infill
Landscape Architect to specify infill to Grade Level at base of sign inside

surrounding Landscape / Hardscape

installed Metal Landscape Edging

Additional Concrete Footer / Spread

By Pennoni based on Structural

These drawings express design intent only and are not for

Fabricator is responsible for:

Final design and engineering of components indicated, including all

aspects of mounting, erection,

communications sources to satisfy

Coordination with contractor and other trades, including but not

communications and landscaping schemes. Verification of conditions in field prior to submission of shop drawings and samples. If conditions warrant installation change or

relocation of sign, shop drawings

including but not limited to: shop drawings with seal of registered engineer and samples of materials,

colors applications and finishes.

and elevations are to be submitted, with proposed changes, to Designer and Owner for review and approval. Submittals for approval by Designer prior to fabrication and installation,

anchoring and attachment. Structural integrity and

Owner's requirements.

limited to: structural,

Footer above Bridge Deck

By Pennoni. Rebar size / spacing T.B.D. by Pennoni based on

above + below Mounting Plate

welded to base of Pylon Structure w/

drilled thru-holes for Mounting Bolts

Concrete Deck/Footer. Top of bolt to

By Pennoni. Bolt pattern / spacing

By Sign Contractor. Bolt pattern / spacing T.B.D. by Pennoni based on

attached to angle brackets.

Weather-proof coating as required

for outdoor graphics. Mount to angle

configuration w/ welds at concealed

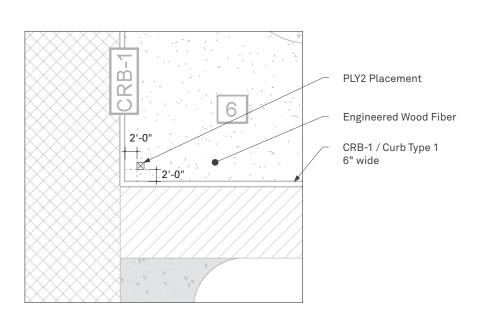
interior sign panel and pylon. Attach

mechanically to perforated metal,

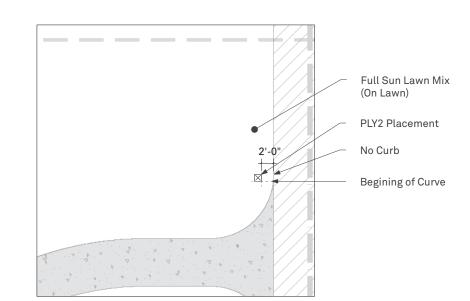
interior corners + Mounting Plate

Color as noted.

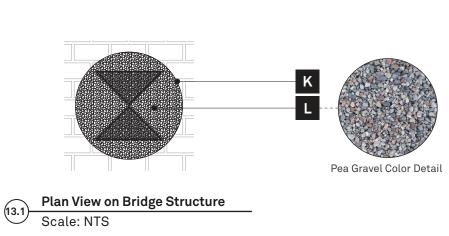
B Sign Panel 1/8" aluminum sign panel,



PYL2.2-PYL2.4 Placement Clearance Scale: 1/16"=1'-0"

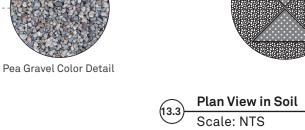


PYL2.2-PYL2.4 Placement Clearance Scale: 1/16"=1'-0"

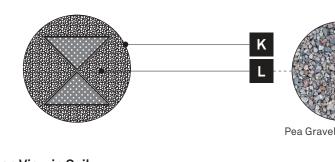


Base Plate / Mounting Bolt Detail

8 Scale: 1:3



— Ø Т.В.D.

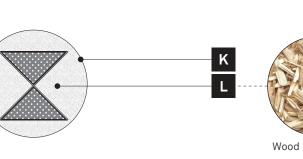


C P1

G P1

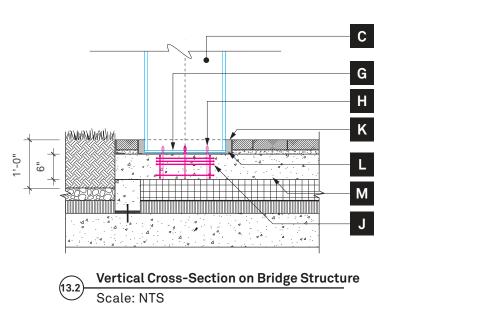
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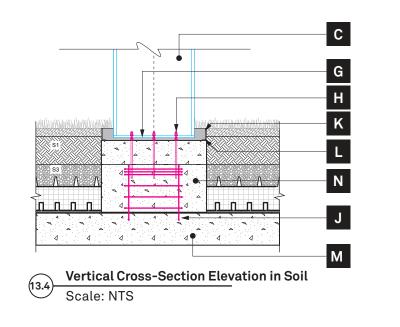


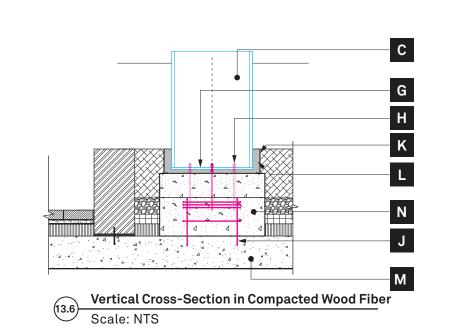




Plan View in Compacted Wood Fiber
Scale: NTS







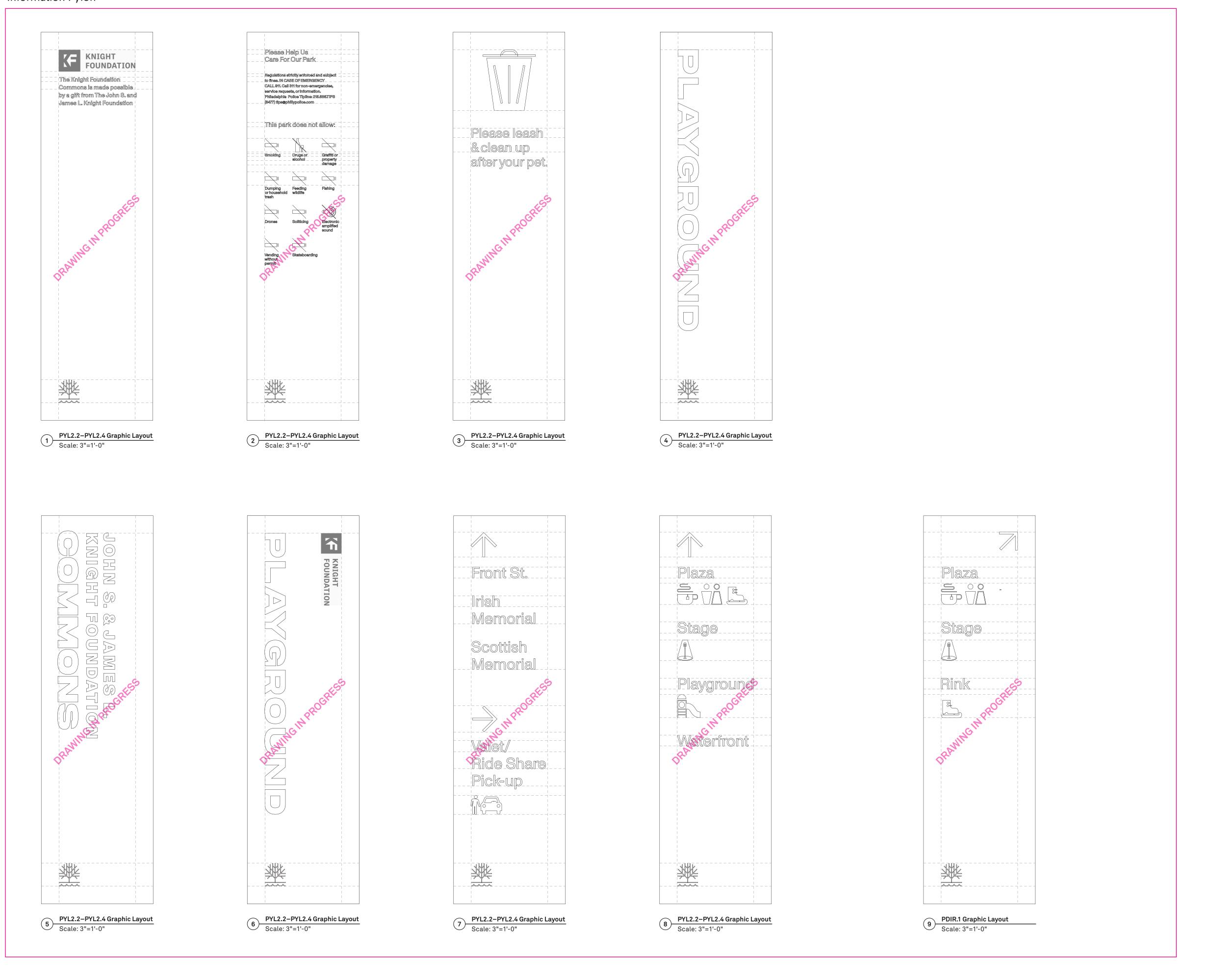
**GENERAL NOTES AND LEGEND** 

SIGN TYPE # SIGN TYPE DESCRIPTION PLY2 Information Pylon

SCALE: AS NOTED DRAWN BY: KRD CHECKED BY: CAD FILE: DATE: AUGUST 29, 2023

SG010

#### **PYL2** - Information Pylon



CIVIL ENGINEER, STRUCTURAL ENGINEER, MEP AND FIRE PROTECTION ENGINEER PENNONI ASSOCIATES INC. 1900 MARKET STREET, SUITE 300 PHILADELPHIA, PA 19103 V 215-222-3000 LANDSCAPE ARCHITECTURE HARGREAVES JONES 30 BROAD STREET, 41ST FLOOR NEW YORK, NY 10004 V 212-337-9973 ARCHITECTURE KIERANTIMBERLAKE 841 NORTH AMERICAN STREET PHILADELPHIA, PA 19123 V 215-922-6600 MASS TIMBER STRUCTURAL ENGINEER THORNTON TOMASETTI 1700 MARKET STREET, SUITE 1750 PHILADELPHIA, PA 19103-3926 V 267-238-4000 FOOD SERVICE DESIGN RICCA DESIGN STUDIOS 5325 S. VALENTIA WAY GREENWOOD WILLAGE, CO 80111 V 303-221-0500 LIGHTING DESIGN THE LIGHTING PRACTICE 600 CHESTNUT STREET, SUITE 772 PHILADELPHIA, PA 19106 V 215-238-1644 AUDIOVISUAL, IT, AND SECURITY SHEN MILSOM & WILKE 1220 N. FILMORE STREET, SUITE 360 ARLINGTON, VA 22201 V 703-243-6301 WATER FEATURE DESIGN DELTA FOUNTAINS
11494 COLUMBIA PARK DRIVE, SUITE 4 JACKSONVILLE, FL 32258 V 904-886-9030 ICE RINK DESIGN CUSTOM ICE INC. 3375 NORTH SERVICE ROAD, UNIT C2 BURLINGTON, ON L7N 3G2 V 905-632-8840 IRRIGATION DESIGN IRRIGATION CONSULTING, INC 20 MERRIT PARKWAY, 2ND FLOOR NASHUA, NH 03062 VERTICAL TRANSPORTATION VERTICAL TRANSPORTATION EXCELLENCE 1801 MARKET STREET, SUITE 2600 PHILADELPHIA, PA 19103

## PENN'S LANDING PARK

## DELAWARE RIVER WATERFRONT CORPORATION

101 S CHRISTOPHER COLUMBUS BOULEVARD PHILADELPHIA, PA 19106

REVISIONS

NO. DATE DESCRIPTION

## GENERAL NOTES AND LEGEND

SIGN TYPE # SIGN TYPE DESCRIPTION
PLY2 Graphic Layouts

SCALE: AS NOTED
DRAWN BY: KRD
CHECKED BY:
CAD FILE:
DATE: AUGUST 29, 2023

## SG011