

Eugene, Oregon

Wayfinding and Signage System

DESIGN INTENT DRAWINGS

PEDESTRIAN

October 16, 2017

merJe
ENVIRONMENTS & EXPERIENCES

120 North Church Street

Suite 208

West Chester, PA 19380

T 484.266.0648

www.merjedesign.com

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A | Graphic Standards

TYPEFACE FOR: HEADER PANELS INFORMATION

Houschka Bold
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 !@#\$%^

Amongst the several mechanical Arts that have engaged my attention, there is no one which I have pursued with so much steadiness and pleasure, as that of Letter Founding.

Downtown
acceptable

Downtown
NOT acceptable

Downtown
NOT acceptable

123A
acceptable

123A
NOT acceptable

123A
NOT acceptable

SPECIFICATIONS

The Houschka Bold typeface is utilized on the Pedestrian Signage

All type shall be set exactly as specified. Substitutions will only be accepted, at the DESIGNER'S discretion, where they match the specified typeface in every detail. The FABRICATOR should be aware that different versions of typesetting equipment may not satisfactorily match specified typefaces and in such instances will not be acceptable.

Sometimes the Foot mark is mistaken for an apostrophe and an inch mark is mistaken for quotations. Below are examples of correct and incorrect apostrophe's for each typeface.

Clearview Highway

 This apostrophe is CORRECT.
PARK'S

 This apostrophe is INCORRECT.
PARK'S

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and U/V) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

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CLIENT / PROJECT
City of Eugene
 Wayfinding and Signage System
 Pedestrian

PROJECT NO.

SUBCONSULTANT

DATE 7-5-17 DRAWN BY: LH

These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.

REVISIONS

SHEET TITLE

Typography Specifications

SHEET NO.

A.1

TYPEFACE FOR: PEDESTRIAN DIRECTIONAL SIGNAGE

Futura Medium
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890 !@#\$%^

Amongst the several mechanical Arts that have engaged my attention, there is no one which I have pursued with so much steadiness and pleasure, as that of Letter Founding.

Downtown acceptable	Downtown NOT acceptable	Downtown NOT acceptable
123A acceptable	123A NOT acceptable	123A NOT acceptable

TYPEFACE FOR: PEDESTRIAN DIRECTIONAL SIGNAGE

Futura Book Oblique
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890 !@#\$%^

Amongst the several mechanical Arts that have engaged my attention, there is no one which I have pursued with so much steadiness and pleasure, as that of Letter Founding.

<i>Downtown</i> acceptable	<i>Downtown</i> NOT acceptable	<i>Downtown</i> NOT acceptable
<i>123A</i> acceptable	<i>123A</i> NOT acceptable	<i>123A</i> NOT acceptable

SPECIFICATIONS

The Futura Medium & Futura Book Oblique typefacea are utilized on the pedestrian directional signs.

All type shall be set exactly as specified. Substitutions will only be accepted, at the DESIGNER'S discretion, where they match the specified typeface in every detail. The FABRICATOR should be aware that different versions of typesetting equipment may not satisfactorily match specified typefaces and in such instances will not be acceptable.

NOTES

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REVISIONS

SHEET TITLE

Typography Specifications

SHEET NO.

A.2

LETTER-SPACING

Inconsistencies in Letter Spacing

TYPEFACE 1

Eugene

TYPEFACE 2

Eugene

Corrected Letter Spacing

TYPEFACE 1

Eugene

TYPEFACE 2

Eugene

IMPORTANT: Individual spacing of each letter needs to be evaluated. See Examples Above.
Kern all Copy so that **each character is optically centered** between the center of each of the surrounding characters.

SIGN TEXT STANDARDS

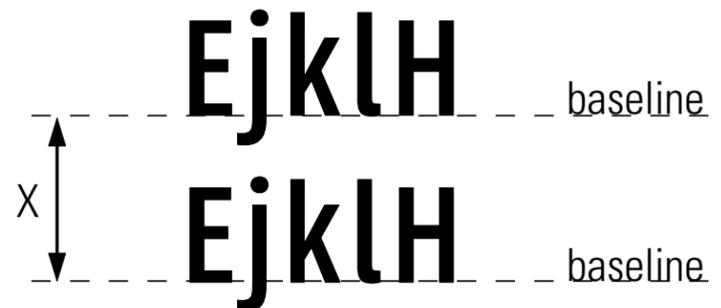
COPY HEIGHT

When measuring copy height, measure only the height of the Capital letters to determine your overall copy height (shown in illustration below as "X")
Some of the other letters have an extended height beyond the average height of the letters.



LINE SPACING

When measuring line spacing, always measure from the baseline of the topmost text line to the baseline of the text line below (shown as "X")



SPECIFICATIONS

Individual spacing of each letter needs to be evaluated. All copy shall be kerned so that each character is optically centered between the center of each of the surrounding characters.

NOTES

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REVISIONS

Typography Specifications

SHEET NO.

A.3

SPECIFICATIONS

Terminology shown represents graphic breaks for Pedestrian Directional signs with 1 inch high copy.

ALL TYPE SHALL BE SET EXACTLY AS SPECIFIED.

NOTES

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SUBCONSULTANT		PROJECT NO.
DATE	7-5-17	SHEET TITLE
DRAWN BY:	LH	
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REVISIONS		SHEET NO.
		A.4

1'-5" Max. Message Width

VISITOR INFORMATION

- Chamber of Commerce
- Visitor Center 

GOVERNMENT

- City Hall
- Federal Courthouse
- Lane County Courthouse & Services
- Municipal Courthouse
- Post Office
- Public Library

DISTRICTS / AREAS

- Downtown
- Willamette River
- Whiteaker
- University of Oregon

MUSEUMS/CULTURAL

- Shelton McMurphey Johnson House
- Skinner's Cabin

THEATERS / PERF. ARTS CENTERS

- Actors Cabaret
- Hult Center
- McDonald Theatre
- Oregon Contemporary Theatre
- The Shedd Institute
- WOW Hall

EDUCATION

- Lane Community College
- Northwest Christian University
- University of Oregon

PARKS & RECREATION

- Alton Baker Park
- Cuthbert Amphitheater
- DeFazio Bike/Ped Bridge 
- Riverfront Plaza
- Kesey Square
- North Bank Path
- Park Blocks
- Skinner Butte Columns
- Skinner Butte Park
- Skinner Butte Viewpoint
- South Bank Path
- WJ Skatepark + Urban Plaza
- Riverbank Path 
- Autzen Stadium
- PK Park / Papé Field

SPORTS FACILITIES/EVENTS

PUBLIC PARKING

- Eugene Train Depot 
- Broadway N & S Garage 
- Broadway S Garage 
- Broadway N Garage 
- Hult Garage 
- Overpark Garage 
- Parcade Garage 
- Pearl Street Garage 
- Federal Courthouse Lot 
- Municipal Court Lot 
- Public Parking 

TRANSPORTATION

- Eugene Train Depot 
- EmX Station - High St. 
- EmX Station - Hilyard St. 
- EmX Station -10th & High St. 
- EmX Station -11th & High St. 
- Greyhound Bus Station 
- LTD Bus Station 

SYMBOLS

Utilized in Pedestrian Directional signage



Parking



Visitor Information



EmX Station



Train Station



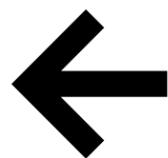
Bus Station



Restroom

ARROWS

Utilized in Pedestrian Directional signage



Left Arrow



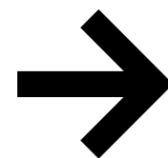
Up-Left Arrow



Straight Arrow



Up-Right Arrow



Right Arrow



Straight-Left Arrow



Up-Straight-Left Arrow



Up-Straight-Right Arrow



Straight-Right Arrow

SPECIFICATIONS

All artwork pictured on this page will be provided to the sign fabricator by the designer and/or client. This artwork must be used for all sign applications in this provided documentation. **Do NOT substitute with any other artwork!**

When multiple directions are required on a sign, the following directional hierarchy shall take precedent. See Example below. Reference Message Schedule for individual Messages.

-  Straight Arrow
-  Left Arrow
-  Right Arrow

NOTES

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PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE

7-5-17

DRAWN BY:

LH

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REVISIONS

SHEET NO.

A.5

R REFLECTIVE VINYL	NAME	SPECIFICATION	APPLICABLE	PROCESS
R1	 White	3M High Intensity Prismatic Reflective Sheeting 3930 Color: White	Standard for System (typ.)	Knockout White: Background and Characters 3M custom inks direct to 3930 with 3M approved Clear UV/Graffiti overlaminate. *Applied according to Manufacturers Spec to aluminum sheet.
R2	 Brown	3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: Pantone® 464 C	Standard for System (typ.)	Custom Color: Background and Characters 3M custom inks direct to 3930 with 3M approved Clear UV/Graffiti overlaminate. *Applied according to Manufacturers Spec to aluminum sheet.
R3	 Dark Gray	3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: Pantone® Cool Gray 11 C	Standard for System (typ.)	Custom Color: Background and Characters 3M custom inks direct to 3930 with 3M approved Clear UV/Graffiti overlaminate. *Applied according to Manufacturers Spec to aluminum sheet.
R4	 Dark Blue	3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: Pantone® 2188 C	Standard for System (typ.)	Custom Color: Background and Characters 3M custom inks direct to 3930 with 3M approved Clear UV/Graffiti overlaminate. *Applied according to Manufacturers Spec to aluminum sheet.
<p>* MUST comply with MUTCD section Table 2A-3 – Minimum maintained retroreflectivity levels. Approved process: Durst RHO 161 TS printer. Sherine Industries: (604) 513-1887. NOTE: All 3M products are to be processed and applied according to 3M specifications. The seaming of material is NOT preferred. If the height of a sign panel is greater than 48 inches, the 3M 3930 material should be oriented vertically with stripes at 0 degrees, to avoid the seaming of material. If seaming is required, it should occur at the rule line or between messages.</p>				

V VINYL	NAME	SPECIFICATION	APPLICABLE	PROCESS
V1	 White	3M Scotchcal ElectroCut Opaque Vinyl Film 7725-10 White	Standard for System (typ.)	Surface applied according to 3M manufacturers specifications.
V2	 Dark Blue	3M Scotchcal ElectroCut Opaque Vinyl Film Color Match: Pantone® 2188 C	Standard for System (typ.)	High resolution printed on White 3M Scotchcal Opaque Vinyl with 3M approved Clear UV/Graffiti overlaminate. Surface applied according to 3M manufacturers specifications.
V3	 Parking Blue	3M Scotchcal ElectroCut Opaque Vinyl Film Color Match: Pantone® 2388 C	Standard for System (typ.)	High resolution printed on White 3M Scotchcal Opaque Vinyl with 3M approved Clear UV/Graffiti overlaminate. Surface applied according to 3M manufacturers specifications.

SPECIFICATIONS

The FABRICATOR must submit three (3) identical sets of each color specified for approval prior to any painting. Sample paint swatches must be produced on .080" aluminum sheet, approximately 3" x 6", including primer and free of defects. Sample material swatches should be the same approximate size. Samples MUST have project and color specifications attached to back side.

The colors must look exactly the same every time they are used so that people associate them with the City of Eugene Wayfinding Program. All media, vinyl, paint, and inks must be produced so that the colors match as specified on this page.

NOTES

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REVISIONS

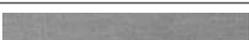
SHEET TITLE

Reflective and Opaque Vinyl Color Chart

SHEET NO.

A.6

P PAINTS	NAME	SPECIFICATION	APPLICABLE	PROCESS	
P1		White	Matthews Paint MP 11477	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P2		Light Blue	To match Pantone® 279 C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P3		Dark Blue	To match Pantone® 2188 C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P4		Yellow	To match Pantone® 121 C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P5		Purple	To match Pantone® 526 C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P6		Teal	To match Pantone® 2199 C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P7		Green	To match Pantone® 2291 C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P8		Brown	To match Pantone® 464 C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P9		Parking Blue	To match Pantone® 2388 C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P10		Dark Gray	To match Pantone® Cool Gray 11 C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P11		Black Stallion	To match Matthews Paint MP33653	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P12		Brightray Silver Metallic	To match Matthews Paint MP18082	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.

M MATERIALS	NAME	SPECIFICATION	PROCESS	
M1		Decorative Pattern/ Material Handcrafted	See Section D: Construction Details for more details	Various
M2		Dye-Sub Print	Aluminum Dye-Sub Print	Aluminum panel with Dye-Sub Print graphics
M3		Brushed Aluminum		
M4		Mermaid or Lagoon	Light Blocks - Designer Series	Samples Required

SPECIFICATIONS

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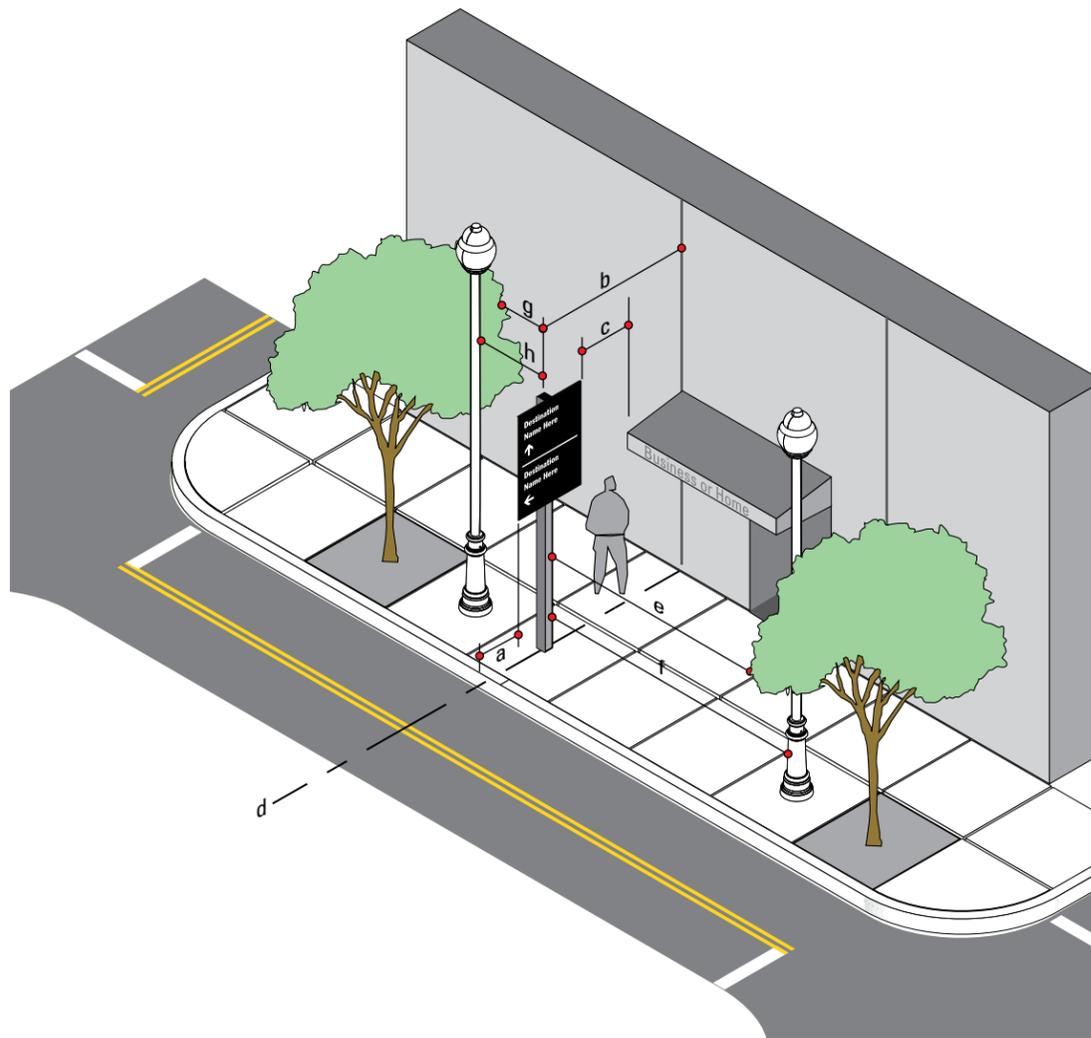
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DATE 7-5-17	DRAWN BY: LH	SHEET TITLE Paint and Materials Color Chart
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REVISIONS		SHEET NO.
		A.7

B | Placement Guidelines

Figure 6
Not to Scale



SIGN TYPE	MEASURE	PREFERRED DISTANCE	MINIMUM DISTANCE
a	Distance from Edge of Sign Panel to Edge of Curb	2'-0" or more	1' - 0"
b	Distance from Sign Post to Nearest Obstruction	4' - 0" or more	3' - 0"
c	Distance from Edge of Sign Panel to Nearest Overhead Obstruction	4' - 0" or more	1' - 0"
d	Sign Placement in Relation to Adjacent Building	align to building Edge	Do Not obstruct Entrance
e	Distance from Face of Sign to Nearest Tree Branch	20' - 0" or more	15' - 0"
f	Distance from Face of Sign to Nearest Utility Pole	15' - 0" or more	10' - 0"
g	Distance from Back of Sign to Nearest Tree Branch	8' - 0" or more	3' - 0"
h	Distance from Back of Sign to Nearest Utility Pole	15' - 0" or more	10' - 0"

Measurements and Distances shown are guidelines only prevailing local and state codes shall supersede information presented.

SPECIFICATIONS

FIGURE 6 - Lateral Clearance Guidelines

Within some of the Downtown areas of City of Eugene, urban conditions and narrow sidewalks may cause deviation from the standards articulated in the previous figures. Conditions may include less lateral clearance for the 2'-0" or 5'-0" preferred distance from edge of sign panel to curb, or placement at 2'-0" or 5'-0" would create an obstacle (i.e. post positioned in middle of the side walk) or create situations of non-compliance to ADA clearances.

In these cases guidelines must be consistent with MUTCD Section 2A.19 options for urban areas.

Suggested recommendations for relocation of signs if placement is in conflict with guidelines.

OPTION A: Position the sign at a minimum of 2'-0" or 5'-0" (face of curb to edge of sign panel) as required.

OPTION B: If the sign can be moved, without disrupting routing or sequencing, then it should be repositioned to achieve the 2'-0" or 5'-0" min.

If 2'-0" is not physically possible, then the following options should be allowed:

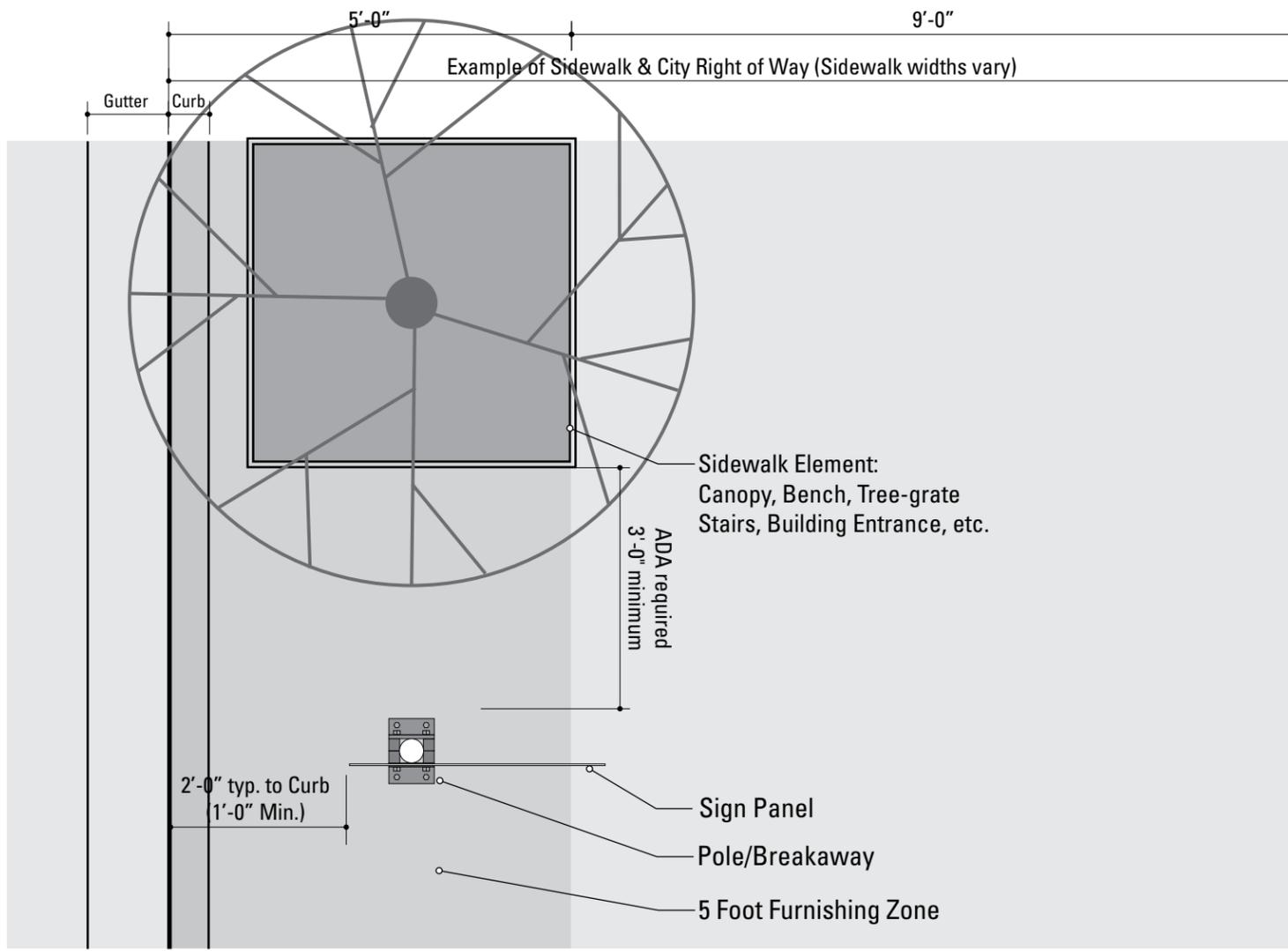
OPTION C: The sign set back should be position at 1'-6". If that is not possible then...

OPTION D: Utilize a minimum 1'- 0", in accordance with MUTCD, only as a final option.

NOTES

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SUBCONSULTANT		SHEET TITLE
DATE	7-5-17	Sign Placement Guidelines
DRAWN BY: LH		
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		B.2



NOTE:
 All locations shall be installed within the City ROW. If during the initial survey it is determined any part of the sign (pole or panel) extends outside of the City's Right of Way vertical plane and into private property, the installer must notify the city prior to fabrication/installation.

1 Reference View: Example - 5 foot Furnishing Zone / City Right of Way
 SCALE: Not To Scale

Note: Top View of VDIR.1-3 shown as example.

Figure 7

Not to Scale

SPECIFICATIONS

FIGURE 7 - Lateral Clearance Guidelines

Within some of the Downtown areas of City of Eugene, urban conditions and narrow sidewalks may cause deviation from the standards articulated in the previous figures. Conditions may include less lateral clearance for the 2'-0" or 5'-0" preferred distance from edge of sign panel to curb, or placement at 2'-0" or 5'-0" would create an obstacle (i.e. post positioned in middle of the side walk) or create situations of non-compliance to ADA clearances.

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OPTION D: Utilize a minimum 1'- 0", in accordance with MUTCD, only as a final option.

NOTES

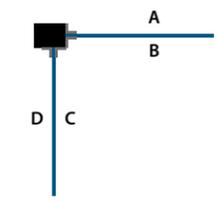
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and U/V) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
		City of Eugene Wayfinding and Signage System Pedestrian	
		PROJECT NO.	
SUBCONSULTANT		SHEET TITLE	
DATE	7-5-17	DRAWN BY:	LH
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		REVISIONS	
		SHEET NO.	
		B.3	

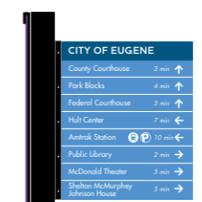
c | Menu of Sign Types

SPECIFICATIONS

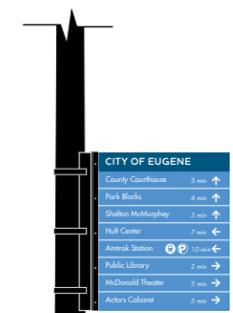
MENU OF SIGN TYPES
 Pedestrian Directional
 Destination Identification
 Interpretive



PDIR.1a
 Pedestrian Directional
 (2-Panels)



PDIR.1
 Pedestrian Directional
 (1-Panel)



PDIR.2
 Pedestrian Directional
 Existing Pole Mount



PDIR.3
 Pedestrian Directional
 Existing Pole Mount



DEST.1
 Destination ID



INTERP.1
 Interpretive Story

NOTES:

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3. Hardware: All exposed hardware shall be tamper proof fasteners.
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CLIENT / PROJECT

City of Eugene
 Wayfinding and Signage System
 Pedestrian

PROJECT NO.

SHEET TITLE

Pedestrian Signage Overview

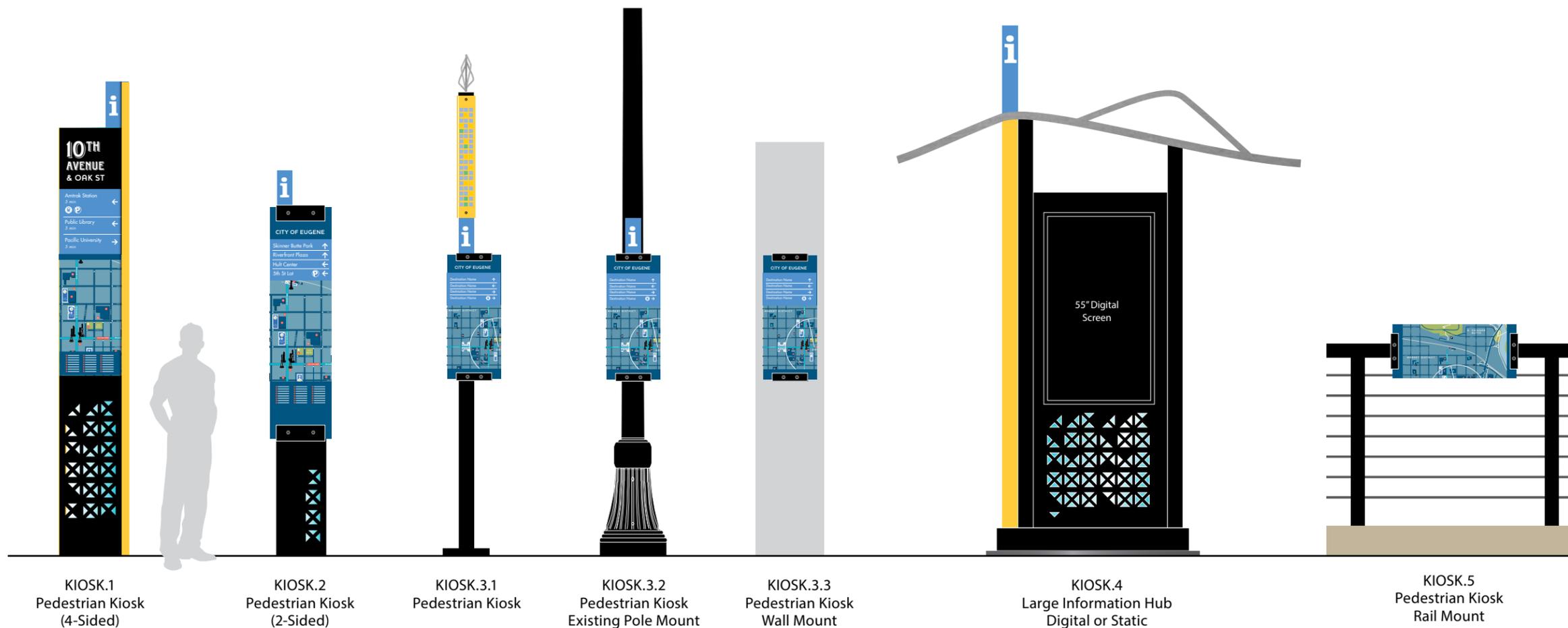
SHEET NO.

SPECIFICATIONS

MENU OF SIGN TYPES
Pedestrian Kiosks



KIOSK.4_Plaque
Sidewalk Plaque



NOTES:

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City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

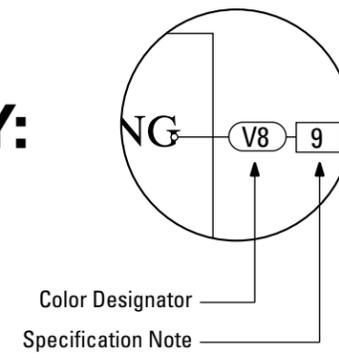
SHEET TITLE

Pedestrian Signage Overview

SHEET NO.

C.2

KEY:



The Color Designator Chart is found in the Graphic Standards section.

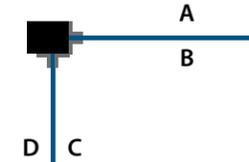
The Specification Notation is found on the same page as the drawings.

D

| Design Intent Drawings



Top View



Top View

1. 4x4 SQUARE POST
 MATERIAL: 4"x4"x.25" Square Aluminum Post.
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FOOTER: Plate-to-Plate Footer

2. SIGN PANEL - PAINT & VINYL
 MATERIAL: 1/4" thk Aluminum sheet
 FABRICATION PROCESS: Router Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 GRAPHICS (Messages, Symbols, Arrows): 3M Scotchcal Electrocut Graphic Vinyl Film, with printed graphics.
 FASTENER: Mechanically fastened to post with aluminum angle. Tamper-resistant hardware.

3. ART OPPORTUNITY PANEL
 MATERIAL: 1/4" thk, Various Materials, See Section F Construction Details for more information.
 FASTENER: Mechanically fastened to bracket with tamper-resistant hardware.

4. CUSTOM BRACKET
 MATERIAL: 1/2" thk Aluminum
 FABRICATION PROCESS: Fabricated
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENER: Mechanically fastened to post with tamper-resistant hardware.

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and U/V) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

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PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 7-5-17

DRAWN BY: LH

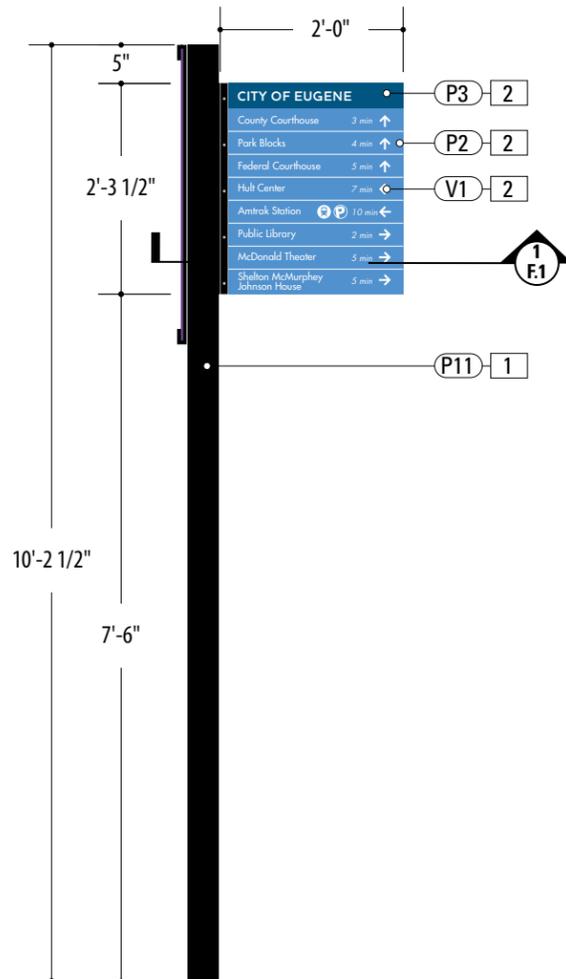
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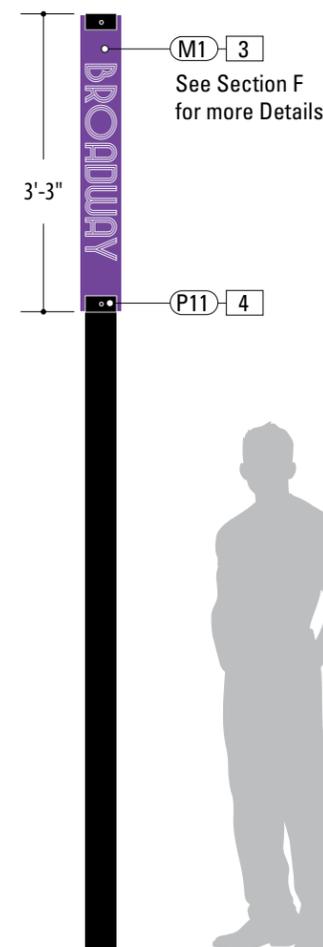
Sign Type PDIR.1/PDIR.1a
Pedestrian Directional

SHEET NO.

D.1

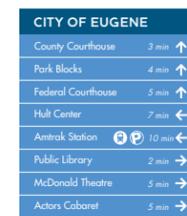


1 Front View: PDIR.1
 SCALE: 1/2" = 1'-0"



Side View

See Section F
 for more Details



Back View

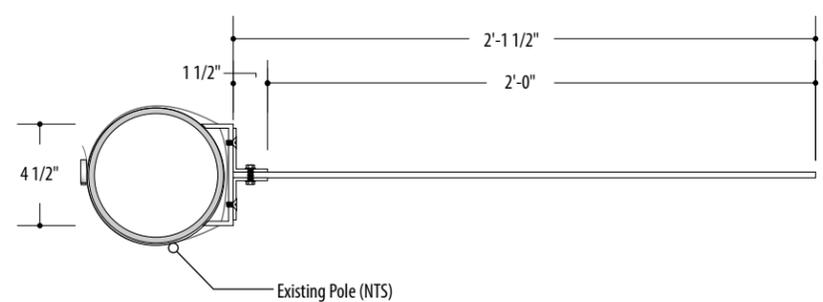


2 Front View: PDIR.1a
 2 Panels
 SCALE: 1/2" = 1'-0"

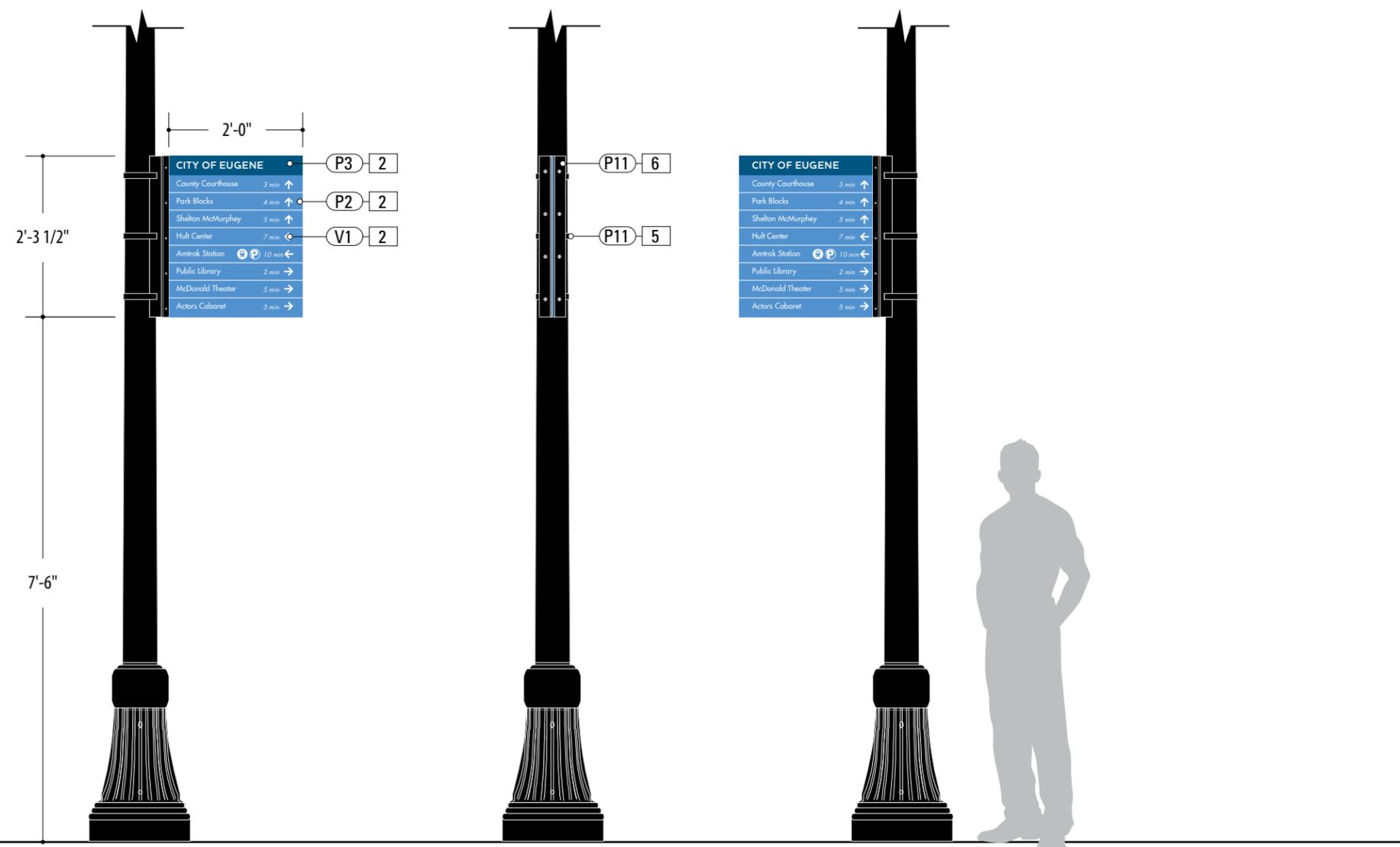
- 2. SIGN PANEL - PAINT & VINYL**
 MATERIAL: 1/4" thk Aluminum sheet
 FABRICATION PROCESS: Router Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 GRAPHICS (Messages, Symbols, Arrows): 3M Scotchcal Electrocut Graphic Vinyl Film, with printed graphics.
 FASTENER: Mechanically fastened to bracket with aluminum angle. Tamper-resistant hardware.
- 5. POLE STRAP ATTACHMENT**
 PRODUCT: Band-It Band, or approved equal.
 MATERIAL: Type 201 SS
 SIZE: 3/4 inch
 COLOR: Black or silver to match existing pole color. Utilize Color-It ® Polyester Coating
 FASTENER: Universal Channel Clamp-SignFix SX0220
NOTE: Sign Contractor to coordinate the removal or movement of interfering existing signs on utility poles, with the city.
- 6. MOUNTING BRACKET**
 MATERIAL: 3/16" thick Aluminum U-Channel
 FABRICATION PROCESS: Extruded
 EDGES: Square, Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENER: Tamper-resistant mechanically fastened to Sign Panel. SS strap-mounted to utility pole.

- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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 3. Hardware: All exposed hardware shall be tamper proof fasteners.
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SUBCONSULTANT		PROJECT NO.
DATE	DRAWN BY:	SHEET TITLE
7-5-17	LH	
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REVISIONS		



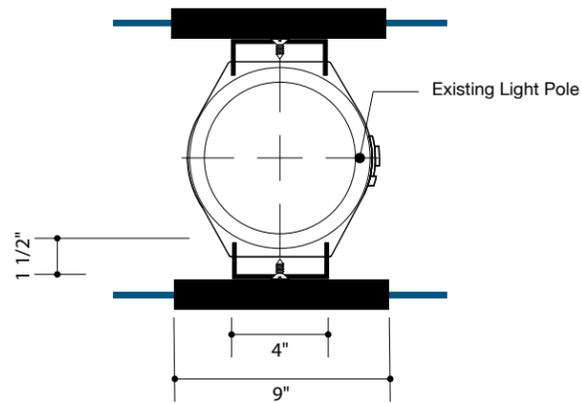
2 Top View: PDIR.2
SCALE: NTS



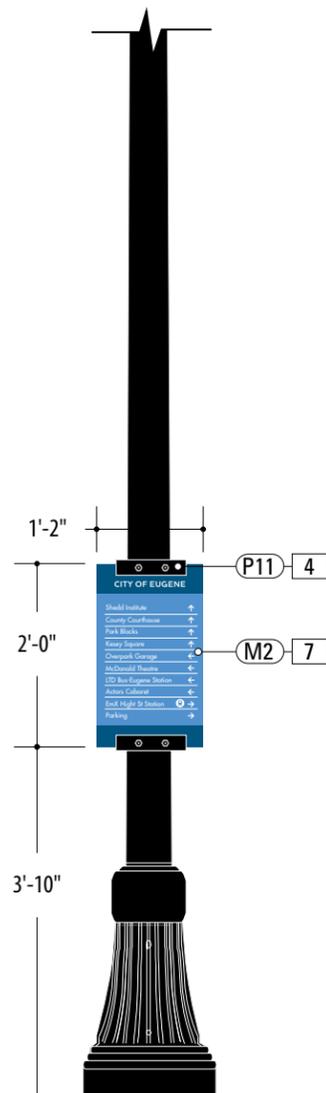
1 Front View: PDIR.2
SCALE: 1/2" = 1'-0"

Side View

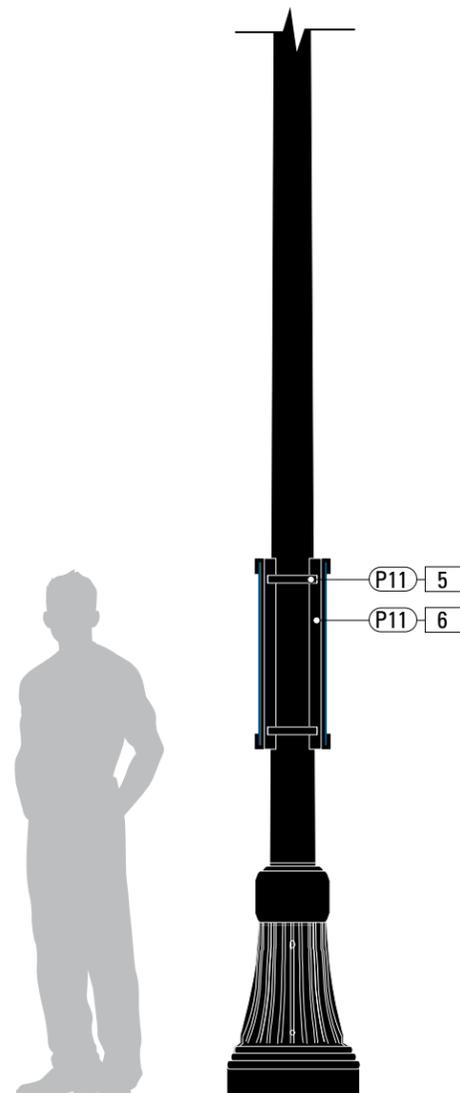
Back View



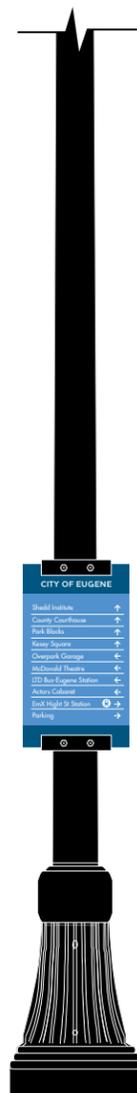
2 Top View: PDIR.3
SCALE: NTS



1 Front View: PDIR.3
SCALE: 1/2" = 1'-0"



Side View



Back View

4. CUSTOM BRACKET
 MATERIAL: 1/2" thk Aluminum
 FABRICATION PROCESS: Fabricated
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENER: Mechanically fastened to mounting bracket with tamper-resistant hardware.

5. POLE STRAP ATTACHMENT
 PRODUCT: Band-It Band, or approved equal.
 MATERIAL: Type 201 SS
 SIZE: 3/4 inch
 COLOR: Black or silver to match existing pole color. Utilize Color-It ® Polyester Coating
 FASTENER: Universal Channel Clamp-SignFix SX0220
NOTE: Sign Contractor to coordinate the removal or movement of interfering existing signs on utility poles, with the city.

6. MOUNTING BRACKET
 MATERIAL: 3/16" thick Aluminum U-Channel
 FABRICATION PROCESS: Extruded
 EDGES: Square, Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENER: Tamper-resistant mechanically fastened to Sign Panel. SS strap-mounted to utility pole.

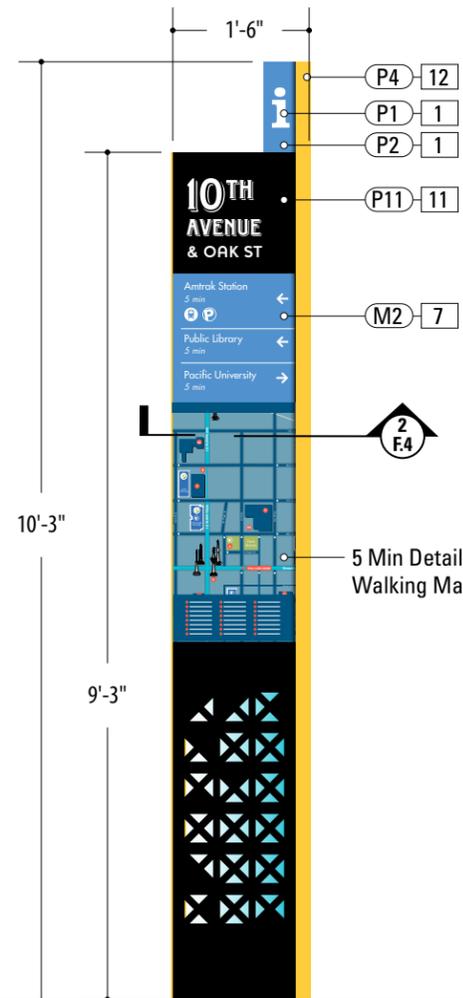
7. GRAPHIC PANEL
 MATERIAL: 1/4" thk. alum. panel
 FABRICATION PROCESS: Router Cut
 EDGES: Square, Smooth
 SURFACE PRINT PROCESS: Zero VOC Powdercoat Primer w/ Water Based Custom Dye Sublimated Ink Transfer Print on Face + Back of Panel Clear UV-Resistant, Anti-Graffiti Powdercoat Topcoat, Matte/Satin Finish (Per Manufacturer Capabilities)
 FASTENER: Mechanically fasten to custom bracket

- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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 3. Hardware: All exposed hardware shall be tamper proof fasteners.
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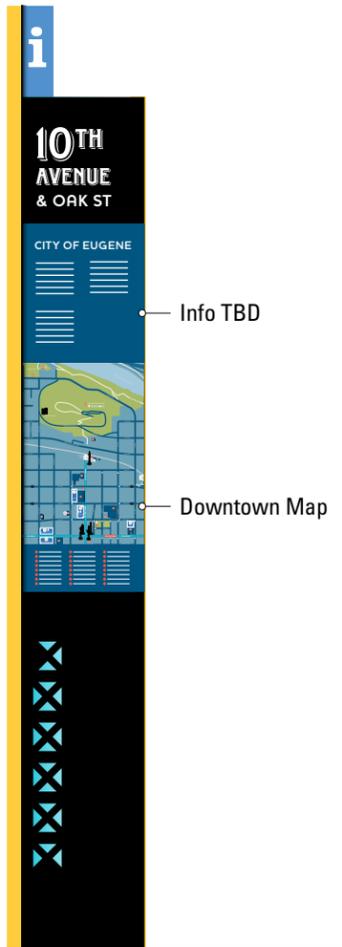
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT City of Eugene Wayfinding and Signage System Pedestrian
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE	7-5-17	Sign Type PDIR.3 Pedestrian Directional
DRAWN BY: LH		
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET NO.
		D.3



Top View



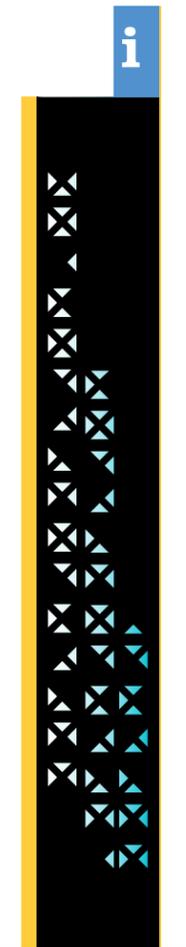
1 Front View: KIOSK.1
SCALE: 1/2" = 1'-0"



Side View



Back View



Blank Side View

SPECIFICATIONS	SIGN TYPE: KIOSK.1	FUNCTION: Pedestrian Kiosk
<p>1. 4x4 SQUARE POST MATERIAL: 4"x4"x.25" Square Aluminum Post. Capped at top FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.</p>		
<p>7. GRAPHIC PANEL MATERIAL: 1/4" thk. alum. panel FABRICATION PROCESS: Router Cut EDGES: Square, Smooth SURFACE PRINT PROCESS: Zero VOC Powdercoat Primer w/ Water Based Custom Dye Sublimated Ink Transfer Print on Face + Back of Panel Clear UV-Resistant, Anti-Graffiti Powdercoat Topcoat, Matte/Satin Finish (Per Manufacturer Capabilities) FASTENER: Mechanically fastened with tamper-resistant hardware.</p>		
<p>11. SIGN CABINET MATERIAL: 1/4" thk Aluminum + Aluminum Tube, capped at top. Exterior grade colored acrylic panels mechanically fastened behind decorative cut-outs. FABRICATION PROCESS: Fabricated EDGES: Smooth COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENER: Mechanically fastened with tamper-resistant hardware. Internal support posts attached to footer below grade.</p>		
<p>12. L-ANGLE MATERIAL: 2"x2"x.25" Aluminum L-Angle FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENER: Mechanically fasten to sign cabinet.</p>		

NOTES

- Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
- All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
- Hardware: All exposed hardware shall be tamper proof fasteners.
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SUBCONSULTANT		SHEET TITLE Sign Type KIOSK.1 Pedestrian Kiosk	
DATE 7-5-17	DRAWN BY: LH	SHEET NO.	
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- 1. 4x4 SQUARE POST**
 MATERIAL: 4"x4"x.25" Square Aluminum Post.
 Capped at top
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.

- 4. CUSTOM BRACKET**
 MATERIAL: 1/2" thk Aluminum
 FABRICATION PROCESS: Fabricated
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENER: Mechanically fastened to sign cabinet with tamper-resistant hardware.

- 7. GRAPHIC PANEL**
 MATERIAL: 1/4" thk. alum. panel
 FABRICATION PROCESS: Router Cut
 EDGES: Square, Smooth
 SURFACE PRINT PROCESS: Zero VOC Powdercoat Primer w/ Water Based Custom Dye Sublimated Ink Transfer Print on Face + Back of Panel Clear UV-Resistant, Anti-Graffiti Powdercoat Topcoat, Matte/Satin Finish (Per Manufacturer Capabilities)
 FASTENER: Mechanically fastened to Custom Bracket.

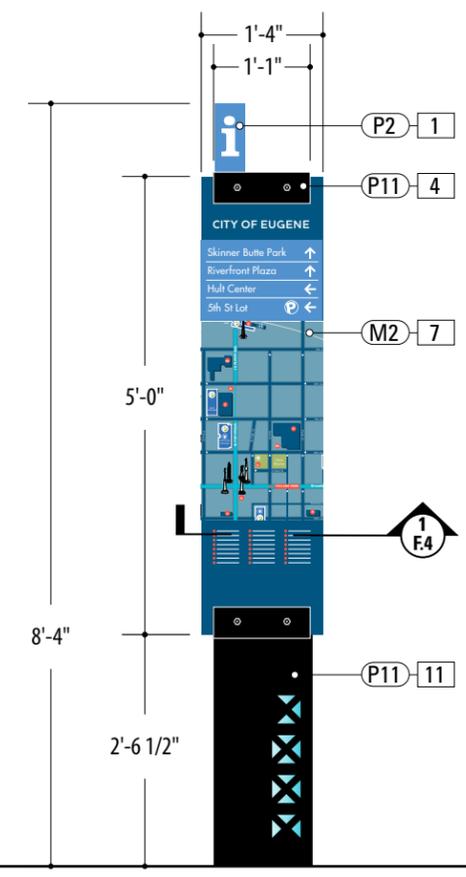
- 11. SIGN CABINET**
 MATERIAL: 1/4" thk Aluminum, capped at top. Exterior grade colored acrylic panels mechanically fastened behind decorative cut-outs.
 FABRICATION PROCESS: Fabricated
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENER: Mechanically fastened with tamper-resistant hardware. Internal support posts attached to footer below grade.

- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
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 4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

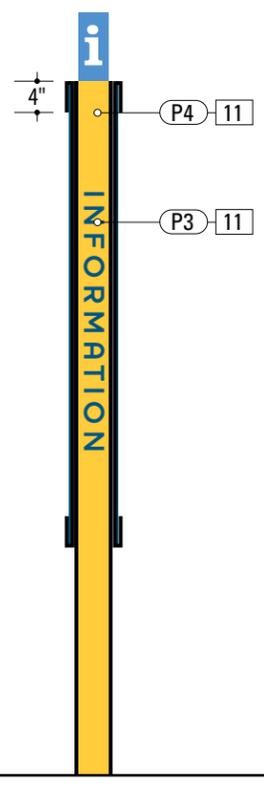
ENVIRONMENTS & EXPERIENCES 120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com	CLIENT / PROJECT City of Eugene Wayfinding and Signage System Pedestrian PROJECT NO.
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SUBCONSULTANT	DATE 7-5-17	DRAWN BY: LH	Sign Type KIOSK2 Pedestrian Kiosk
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			D.5

Top View



1 Front View: KIOSK.2
SCALE: 1/2" = 1'-0"



Side View



Back View

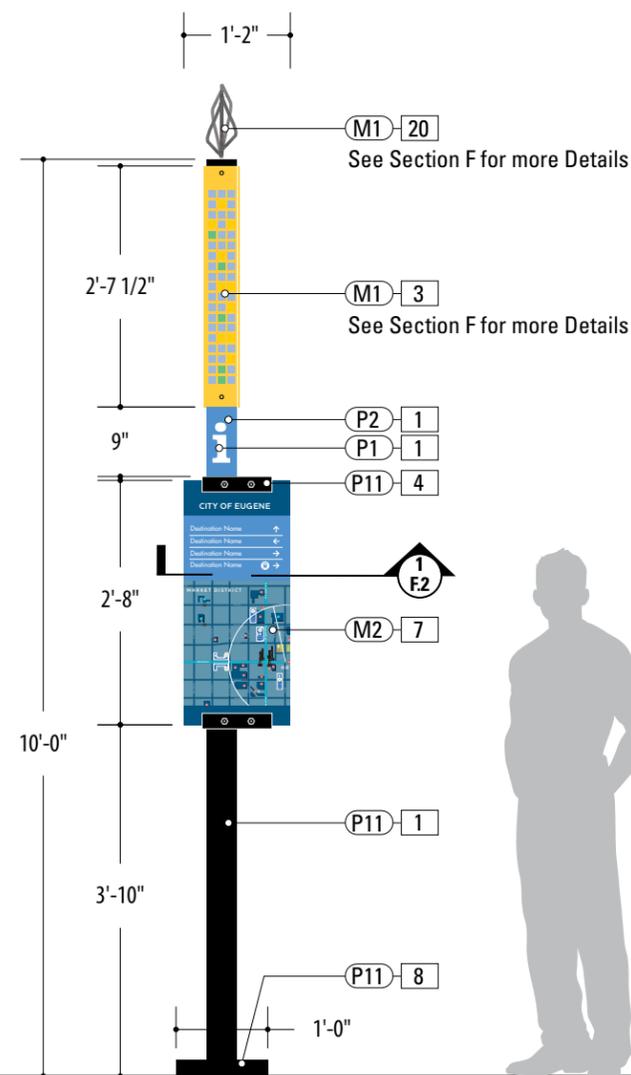


Side View

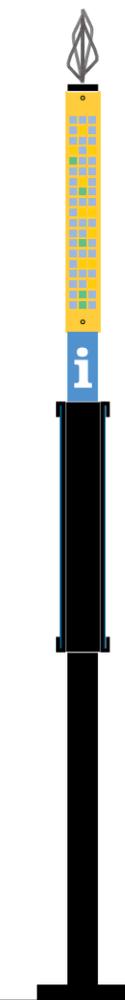




Top View



1 Front View: KIOSK.3.1
SCALE: 1/2" = 1'-0"



Side View



Back View



SPECIFICATIONS **SIGN TYPE:** KIOSK.3.1 **FUNCTION:** Pedestrian Kiosk

- 1. 4x4 SQUARE POST**
MATERIAL: 4"x4"x.25" Square Aluminum Post.
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Plate-to-Plate Footer
- 3. ART OPPORTUNITY PANEL**
MATERIAL: 1/4" thk, Various Materials, See Section D Construction Details for more information.
FASTENER: Mechanically fastened to bracket with tamper-resistant hardware.
- 4. CUSTOM BRACKET**
MATERIAL: 1/2" thk Aluminum
FABRICATION PROCESS: Fabricated
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Mechanically fastened to post with tamper-resistant hardware.
- 6. MOUNTING BRACKET**
MATERIAL: 3/16" thick Aluminum U-Channel
FABRICATION PROCESS: Extruded
EDGES: Square, Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Tamper-resistant mechanically fastened to Post.
- 7. GRAPHIC PANEL**
MATERIAL: 1/4" thk. alum. panel
FABRICATION PROCESS: Router Cut
EDGES: Square, Smooth
SURFACE PRINT PROCESS: Zero VOC Powdercoat Primer w/ Water Based Custom Dye Sublimated Ink Transfer Print on Face + Back of Panel Clear UV-Resistant, Anti-Graffiti Powdercoat Topcoat, Matte/Satin Finish (Per Manufacturer Capabilities)
FASTENER: Mechanically fastened to custom bracket.
- 8. CUSTOM BASE COVER**
MATERIAL: 1'-0"W x 1'-0"L x 2" h Aluminum base cover.
FABRICATION PROCESS: Fabricated
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Mechanically fasten to sign post.
- 20. ART OPPORTUNITY FINIAL**
MATERIAL: Various Materials, See Section F Construction Details for more information.
FASTENER: Mechanically fastened to post with tamper-resistant hardware.

NOTES

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- 2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
- 3. Hardware: All exposed hardware shall be tamper proof fasteners.
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SHEET TITLE

DATE 7-5-17

DRAWN BY: LH

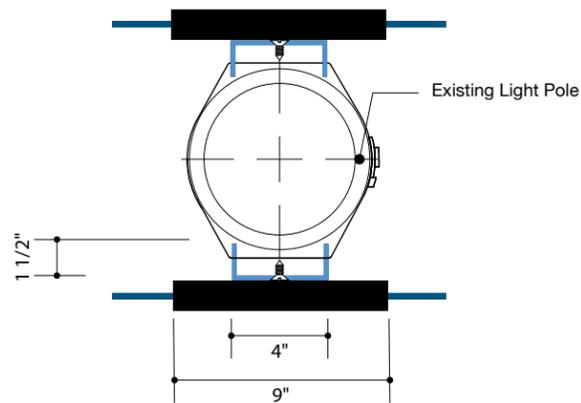
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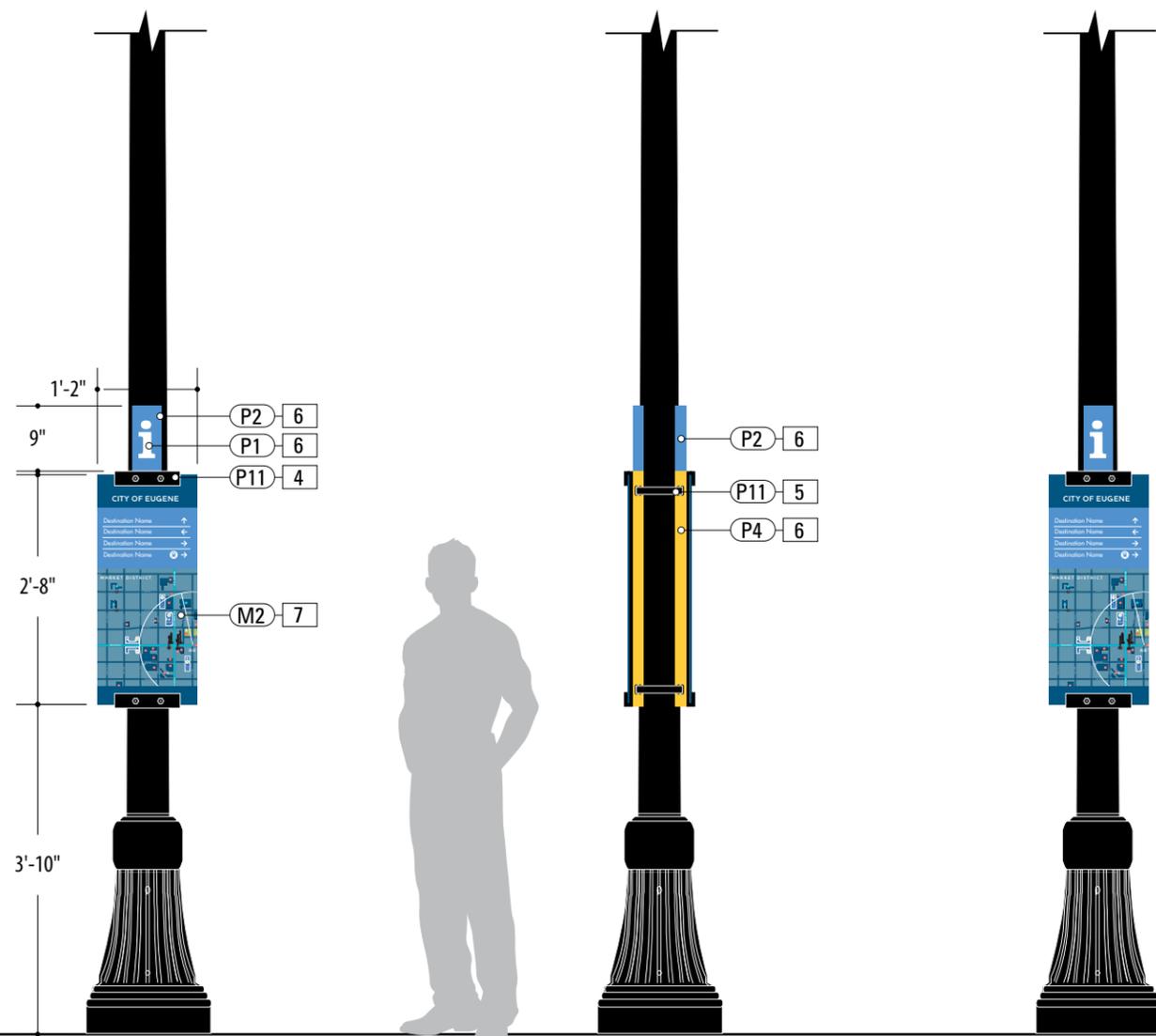
Sign Type KIOSK.3.1
Pedestrian Kiosk

SHEET NO.

D.6



2 Top View: KIOSK.3.2
SCALE: NTS



1 Front View: KIOSK.3.2
SCALE: 1/2" = 1'-0"

Side View

Back View

4. CUSTOM BRACKET

MATERIAL: 1/2" thk Aluminum
FABRICATION PROCESS: Fabricated
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Mechanically fastened to mounting bracket with tamper-resistant hardware.

5. POLE STRAP ATTACHMENT

PRODUCT: Band-It Band, or approved equal.
MATERIAL: Type 201 SS
SIZE: 3/4 inch
COLOR: To match existing pole color (Black or Silver) Utilize Color-It ® Polyester Coating
FASTENER: Universal Channel Clamp-SignFix SX0220

NOTE: Sign Contractor to coordinate the removal or movement of interfering existing signs on utility poles, with the city.

6. MOUNTING BRACKET

MATERIAL: 3/16" thick Aluminum U-Channel
FABRICATION PROCESS: Extruded
EDGES: Square, Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Tamper-resistant mechanically fastened to Sign Panel. SS strap-mounted to utility pole.

7. GRAPHIC PANEL

MATERIAL: 1/4" thk. alum. panel
FABRICATION PROCESS: Router Cut
EDGES: Square, Smooth
SURFACE PRINT PROCESS: Zero VOC Powdercoat Primer w/ Water Based Custom Dye Sublimated Ink Transfer Print on Face + Back of Panel Clear UV-Resistant, Anti-Graffiti Powdercoat Topcoat, Matte/Satin Finish (Per Manufacturer Capabilities)
FASTENER: Mechanically fasten to custom bracket

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

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CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 7-5-17

DRAWN BY: LH

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REVISIONS

Sign Type KIOSK.3.2
Pedestrian Kiosk

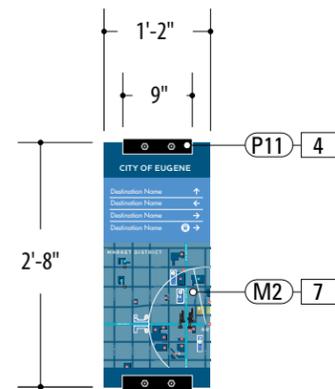
SHEET NO.

D.7

4. CUSTOM BRACKET
 MATERIAL: 1/2" thk Aluminum
 FABRICATION PROCESS: Fabricated
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENER: Pin-mount to wall/ column with tamper-resistant hardware. If located on Brick: Locate holes in grout lines.

Conditions vary by location. Fabricator to verify all measurements and mounting conditions in field.

7. GRAPHIC PANEL
 MATERIAL: 1/4" thk. alum. panel
 FABRICATION PROCESS: Router Cut
 EDGES: Square, Smooth
 SURFACE PRINT PROCESS: Zero VOC Powdercoat Primer w/ Water Based Custom Dye Sublimated Ink Transfer Print on Face + Back of Panel Clear UV-Resistant, Anti-Graffiti Powdercoat Topcoat, Matte/Satin Finish (Per Manufacturer Capabilities)
 FASTENER: Mechanically fasten to custom bracket.



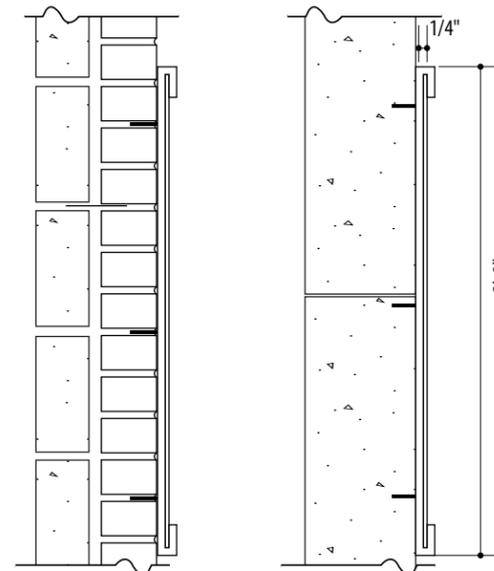
1 Front View: KIOSK.3.3
 SCALE: 1/2" = 1'-0"



Side View



Back View



2 Section: KIOSK.3.3
 SCALE: 1" = 1'-0"

NOTES

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2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and U/V) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

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PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 7-5-17

DRAWN BY: LH

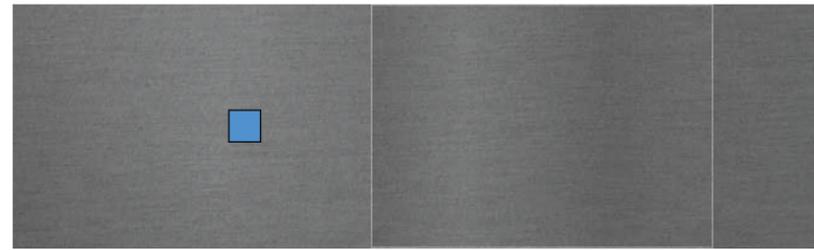
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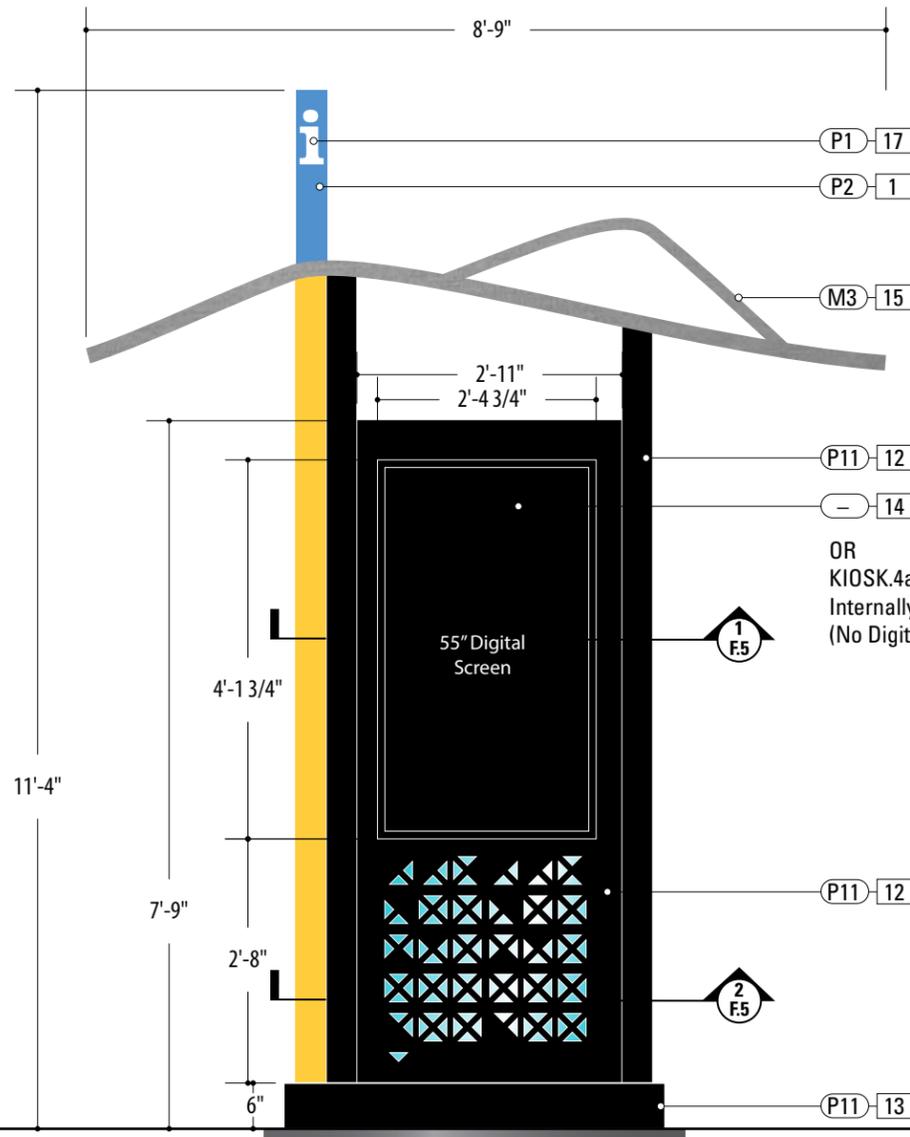
Sign Type KIOSK.3.3
Pedestrian Kiosk

SHEET NO.

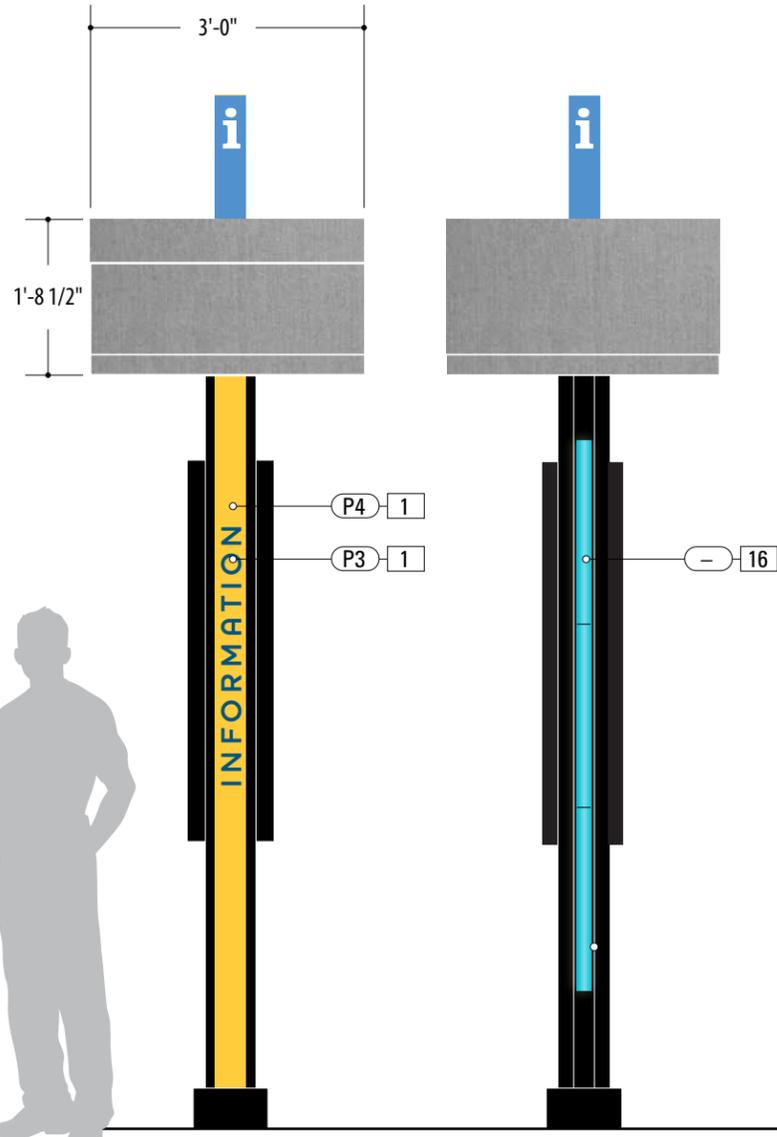
D.8



Top View



1 Front View: KIOSK.4
SCALE: 1/2" = 1'-0"



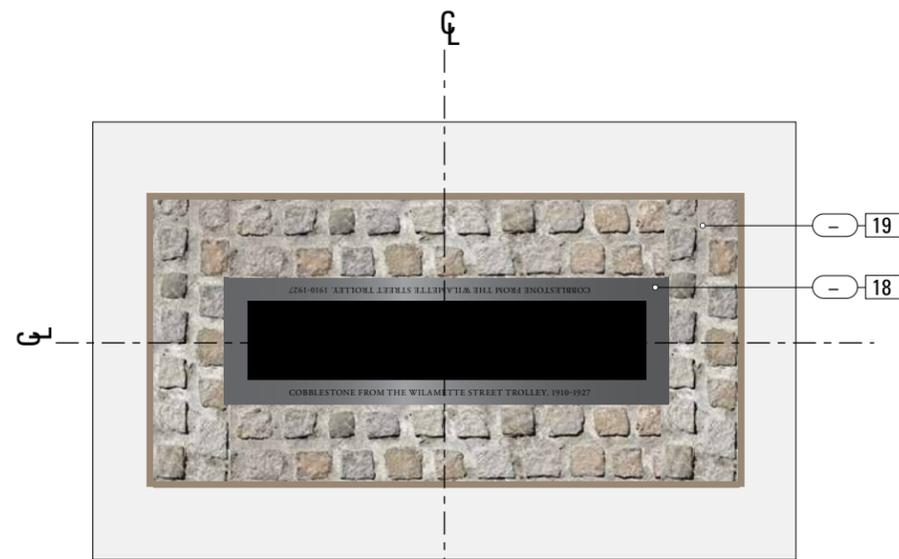
Side View

- 1. 4x4 SQUARE POST**
MATERIAL: 4"x4"x.25" Square Aluminum Post.
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
- 12. INTERNALLY ILLUMINATED SIGN CABINET STRUCTURE:**
MATERIAL: Aluminum Sheet + Support Posts
FABRICATION PROCESS: Welded/Fabricated
Provide internal support as required per Fabricators structural engineer recommendation. Internal Structure holds LEDs. Cabinet face has cut-out patterns.
EDGES: Square
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Acrylic Polyurethane Paint, with clear coat satin finish.
Acrylic sheet flush with cabinet surface.
INTERNAL LIGHTING: Bright white LEDs.
Requires electrical conduit through base.
- 13. BASE CAP**
MATERIAL: Fabricated Aluminum Base Cover
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish, as noted.
FASTENER: Mech. Fasten to sign cabinet
- 14. DIGITAL DISPLAY**
42" - 47" digital display or interactive touchscreen monitor, with Wi-Fi technology hub. Mechanically fastened with internal supports. See Section F for details.
OR
KIOSK.4a - with a static map (Internally illuminated) with no digital display.
To be determined by city.
- 15. ROOF CANOPY**
MATERIAL: Aluminum
FABRICATION PROCESS: Fabricated
EDGES: Square
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Weld and mechanically fasten to support poles.
- 16. LIGHTING**
Color Changing LED Fixture 24" or 48" lengths. Solar Powered. Mechanically Fastened to side of cabinet.
- 17. PIN-MOUNT "i" Symbol**
MATERIAL: 1/2" Thk Aluminum Letter
FABRICATION PROCESS: Router Cut
EDGES: Square
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Pin-Mount to post.

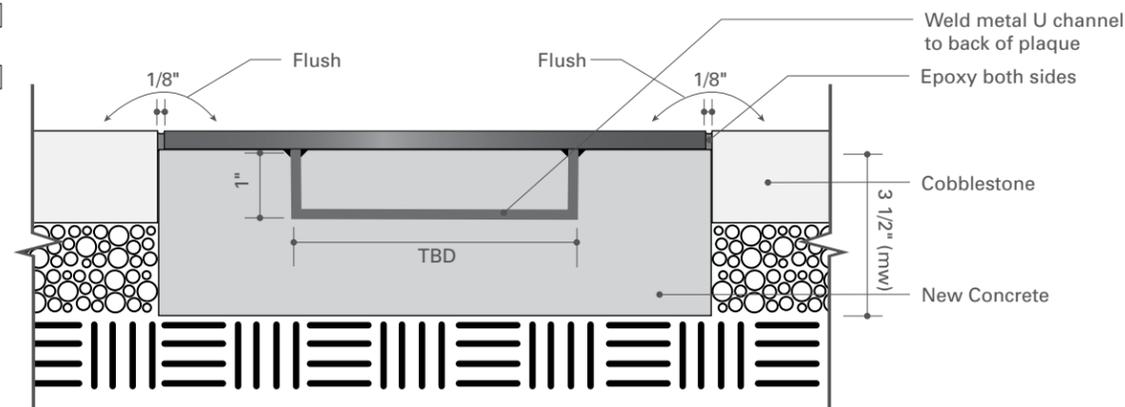
NOTES

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2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

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<p>SUBCONSULTANT</p>		<p>PROJECT NO.</p>
<p>DATE 7-5-17</p>	<p>DRAWN BY: LH</p>	<p>Sign Type KIOSK.4 Pedestrian Kiosk</p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		
		<p>D.9</p>



Top View - Sidewalk



3 Section: KIOSK.1-Plaque
SCALE: NTS

18. SIDEWALK PLAQUE

MATERIAL: 3/8" thick cast Bronze
 FABRICATION PROCESS: Cast Bronze
 COLOR: Natural.
 SURFACE PROCESS: None. NO clear coat.
 EDGES: Square and smooth.
 MOUNTING: Stud mount into existing concrete sidewalk. Top surface of plaque MUST BE flush with existing concrete surface.

19. COBBLESTONE

Use existing cobblestone from old Willamette Trolley. Coordination required with City of Eugene.

NOTES

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3. Hardware: All exposed hardware shall be tamper proof fasteners.
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Preferred Option: Replace entire concrete pad area/section.

Alternate: When sidewalk is not cracked or in disrepair, core drill within 1/4" tolerance.



1 Elevation View: KIOSK.4-Plaque
SCALE: NTS

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SHEET TITLE

DATE 7-5-17

DRAWN BY: LH

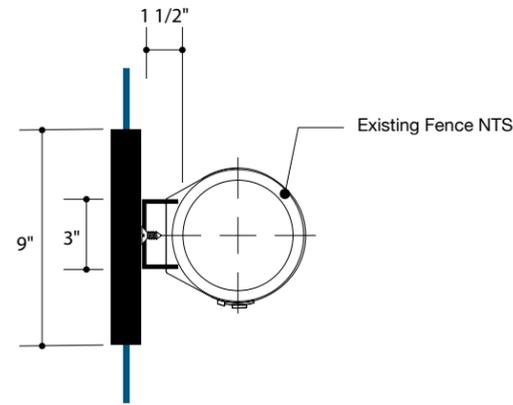
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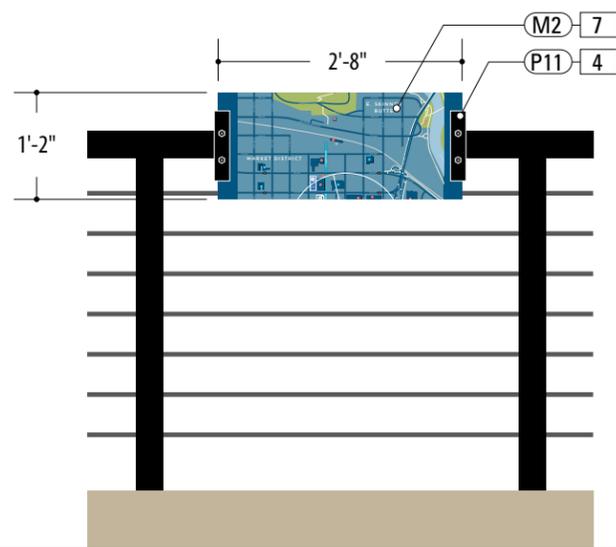
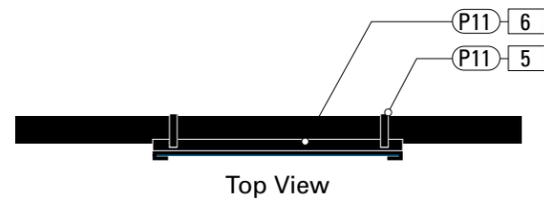
Sign Type KIOSK.4-Plaque
Kiosk Sidewalk Plaque

SHEET NO.

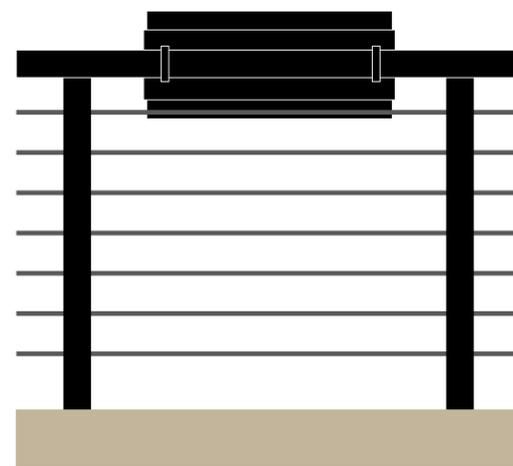
D.10



2 Side View: KIOSK.3.2
SCALE: NTS



1 Front View: KIOSK.5
SCALE: 1/2" = 1'-0"



Back View

4. CUSTOM BRACKET
 MATERIAL: 1/2" thk Aluminum
 FABRICATION PROCESS: Fabricated
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENER: Mechanically fastened to mounting bracket with tamper-resistant hardware.

5. POLE STRAP ATTACHMENT
 PRODUCT: Band-It Band, or approved equal.
 MATERIAL: Type 201 SS
 SIZE: 3/4 inch
 COLOR: To Match Pole existing color
 FASTENER: Universal Channel Clamp-SignFix SX0220
NOTE: Sign Contractor to coordinate the removal or movement of interfering existing signs on utility poles, with the city.

6. MOUNTING BRACKET
 MATERIAL: 3/16" thick Aluminum U-Channel
 FABRICATION PROCESS: Extruded
 EDGES: Square, Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENER: Tamper-resistant mechanically fastened to Sign Panel. SS strap-mounted to railing.

7. GRAPHIC PANEL
 MATERIAL: 1/4" thk. alum. panel
 FABRICATION PROCESS: Router Cut
 EDGES: Square, Smooth
 SURFACE PRINT PROCESS: Zero VOC Powdercoat Primer w/ Water Based Custom Dye Sublimated Ink Transfer Print on Face + Back of Panel Clear UV-Resistant, Anti-Graffiti Powdercoat Topcoat, Matte/Satin Finish (Per Manufacturer Capabilities)
 FASTENER: Mechanically fastened to custom bracket.

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
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City of Eugene
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 Pedestrian

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 7-5-17

DRAWN BY: LH

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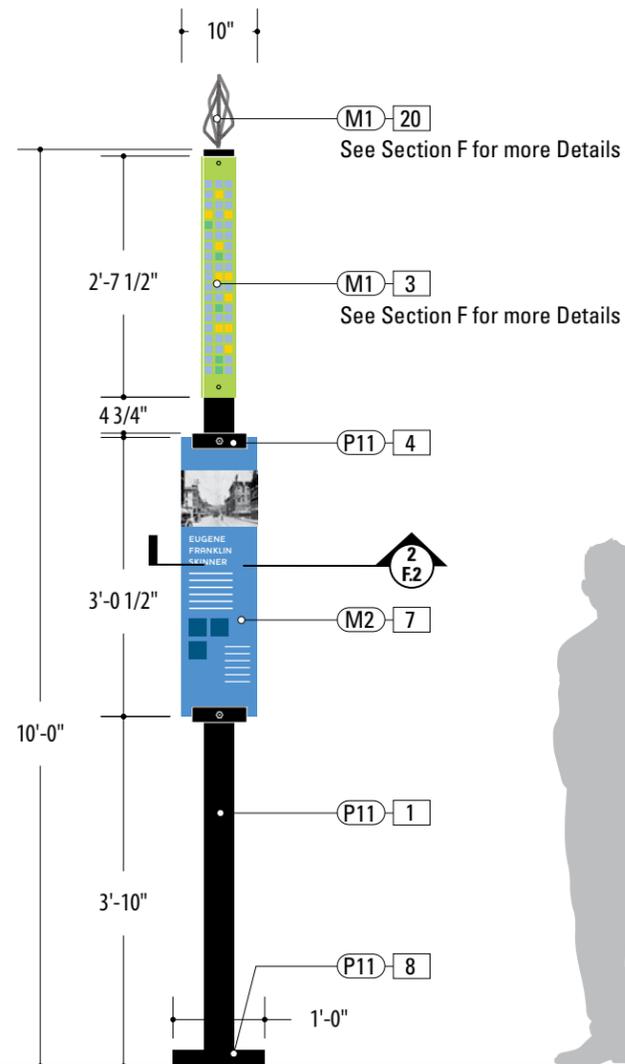
Sign Type KIOSK.5
Pedestrian Kiosk

SHEET NO.

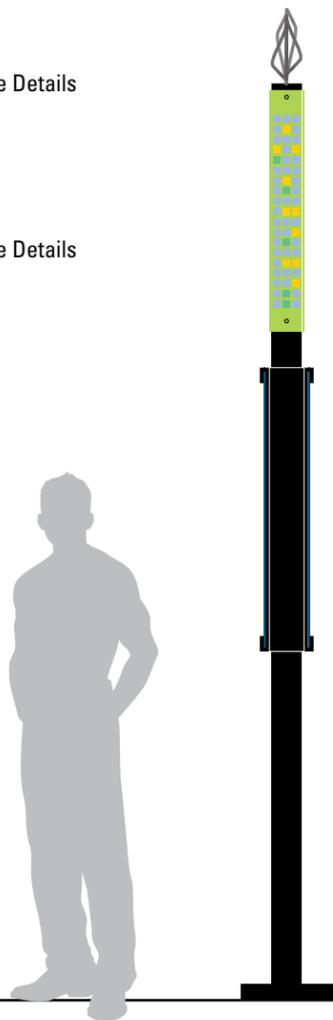
D.11



Top View



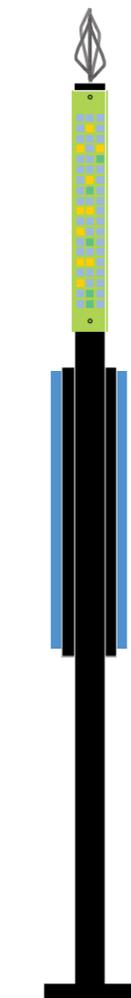
1 Front View: INTERP.1
SCALE: 1/2" = 1'-0"



Side View



Back View
Double-Sided



Back View
Single-Sided

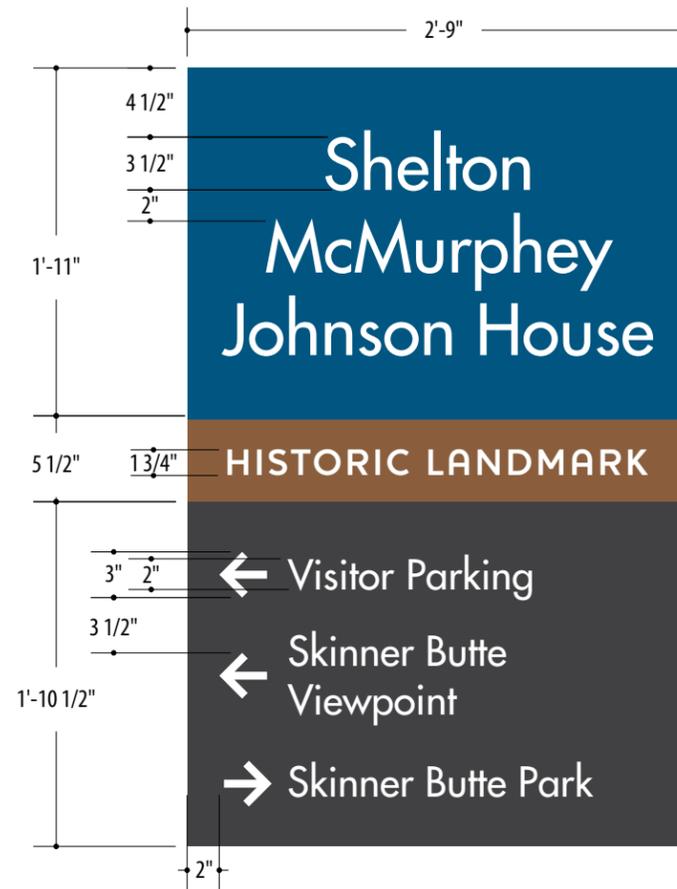
SPECIFICATIONS **SIGN TYPE:** INTERP.1 **FUNCTION:** Interpretive Sign

- 1. 4x4 SQUARE POST**
MATERIAL: 4"x4"x.25" Square Aluminum Post.
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Plate-to-Plate Footer
- 2. GRAPHIC PANEL**
MATERIAL: 1/4" thk. alum. panel
FABRICATION PROCESS: Router Cut
EDGES: Square, Smooth
SURFACE PRINT PROCESS: Zero VOC Powdercoat Primer w/ Water Based Custom Dye Sublimated Ink Transfer Print on Face + Back of Panel Clear UV-Resistant, Anti-Graffiti Powdercoat Topcoat, Matte/Satin Finish (Per Manufacturer Capabilities)
- 3. ART OPPORTUNITY PANEL**
MATERIAL: 1/4" thk, Various Materials, See Section D Construction Details for more information.
FASTENER: Mechanically fastened to bracket with tamper-resistant hardware.
- 4. CUSTOM BRACKET**
MATERIAL: 1/2" thk Aluminum
FABRICATION PROCESS: Fabricated
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Mechanically fastened to post with tamper-resistant hardware.
- 6. MOUNTING BRACKET**
MATERIAL: 3/16" thick Aluminum U-Channel
FABRICATION PROCESS: Extruded
EDGES: Square, Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Tamper-resistant mechanically fastened to Post.
- 8. CUSTOM BASE COVER**
MATERIAL: 1'-0"W x 1'-0"L x 2" h Aluminum base cover.
FABRICATION PROCESS: Fabricated
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Mechanically fasten to sign post.
- 20. ART OPPORTUNITY FINIAL**
MATERIAL: Various Materials, See Section F Construction Details for more information.
FASTENER: Mechanically fastened to post with tamper-resistant hardware.

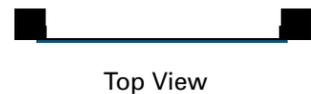
NOTES

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- 2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
- 3. Hardware: All exposed hardware shall be tamper proof fasteners.
- 4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

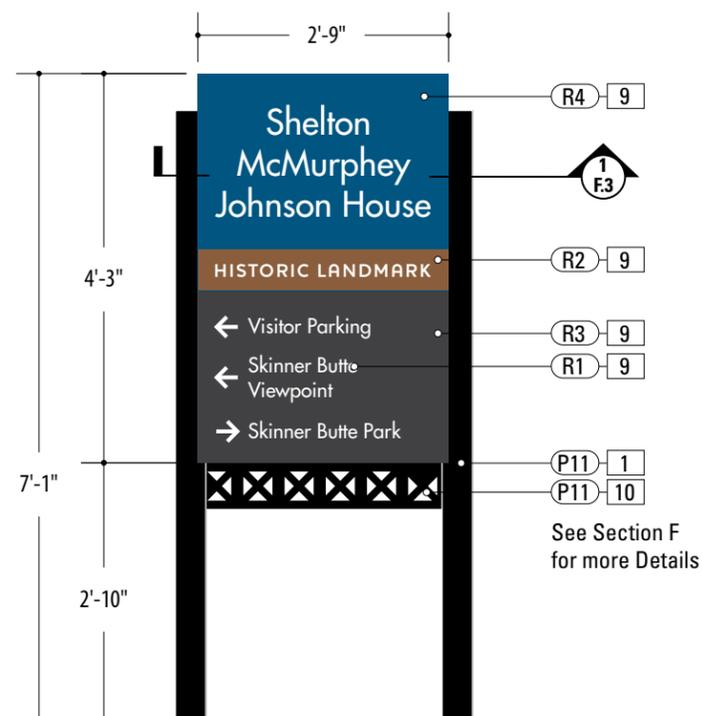
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT City of Eugene Wayfinding and Signage System Pedestrian
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
DATE 7-5-17		SHEET TITLE Sign Type INTERP.1 Interpretive Sign
DRAWN BY: LH		SHEET NO.
REVISIONS		D.12
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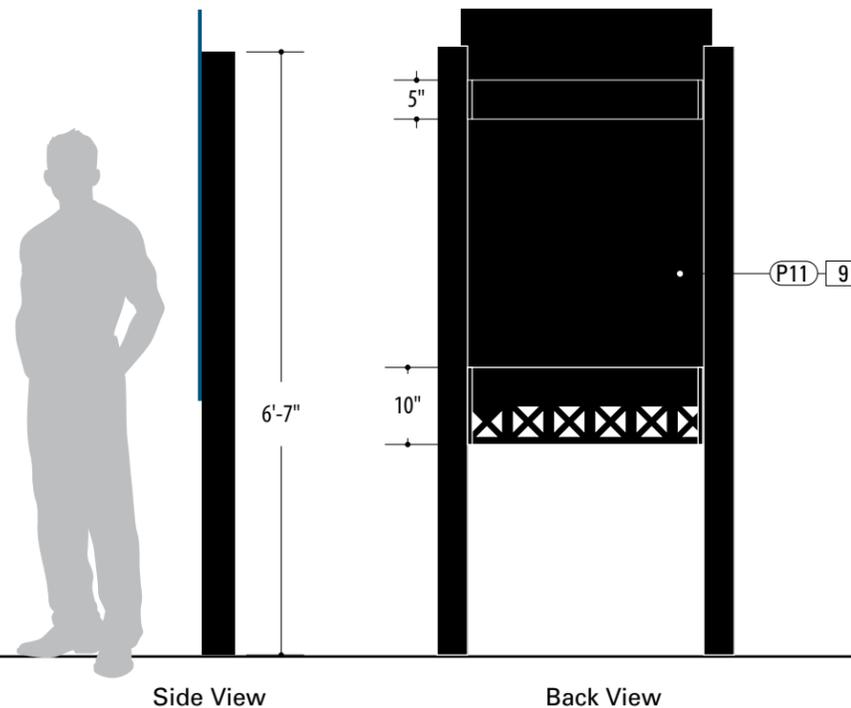
2 Graphic Layout: DEST.1
SCALE: " = 1'-0"



Top View



1 Front View: DEST.1
SCALE: 1/2" = 1'-0"



Side View

Back View

SPECIFICATIONS **SIGN TYPE:** DEST.1 **FUNCTION:** Destination ID

1. 4x4 SQUARE POST
MATERIAL: 4"x4"x.25" Square Aluminum Post.
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Plate-to-Plate Footer

9. 1/4" SIGN PANEL FRONT - REFLECTIVE
MATERIAL: 1/4" thick Aluminum sheet
FABRICATION PROCESS: Router Cut
EDGES: Smooth
COLOR: custom, as noted
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminate. (See Color Sheet for all color and material specifications)
FASTENER: Press-roll per 3M requirements. Weld back of panel to Decorative bracket.
EDGE DETAIL: Paint all edges and back with Matthews Acrylic Polyurethane, with clear coat satin finish.

10. DECORATIVE BRACKET
MATERIAL: 3/16" thick Aluminum sheet
FABRICATION PROCESS: Router Cut, Brake-formed
EDGES: Square, Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Press-roll per 3M requirements. Mechanically fastened to post, tamper-resistant hardware.

NOTES

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2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

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CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 7-5-17

DRAWN BY: LH

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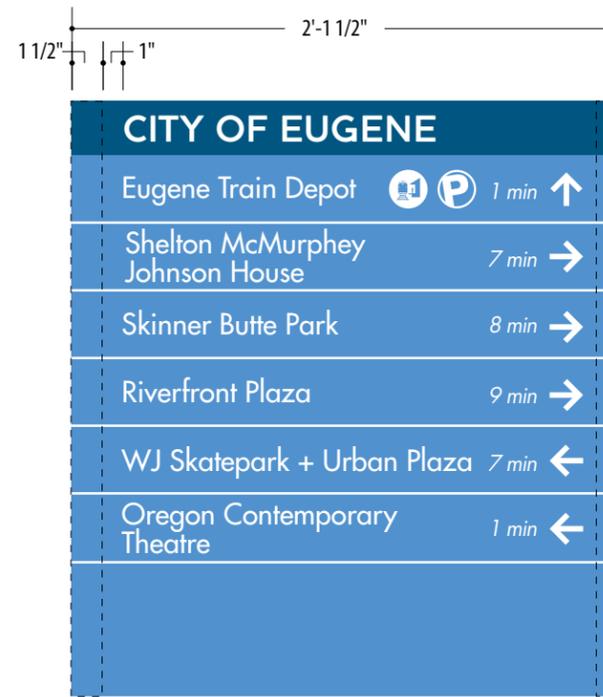
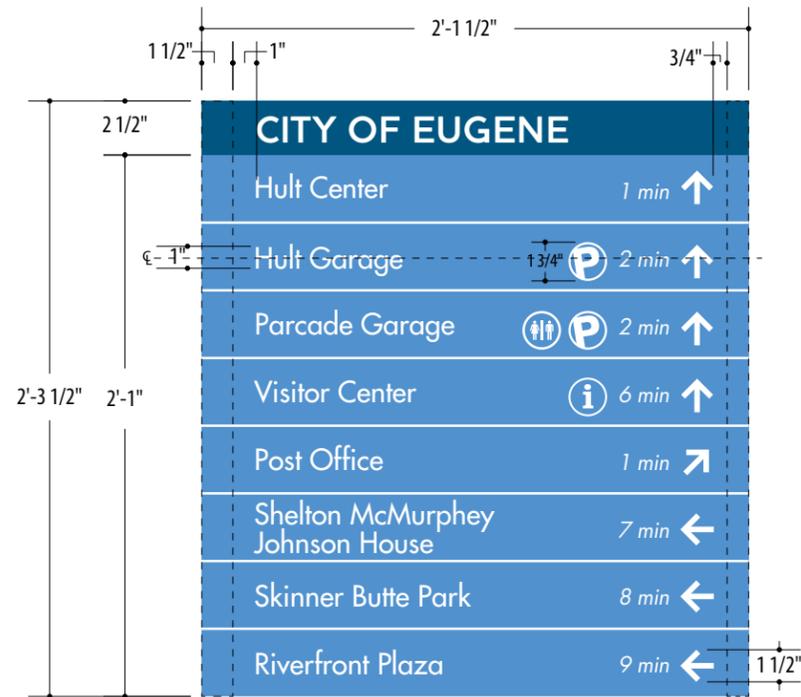
REVISIONS

Sign Type DEST.1
Destination ID

SHEET NO.

D.13

E | Graphic Layouts



① Graphic Layout: PDIR.1
SCALE: 1 1/2" = 1'-0"

SPECIFICATIONS

SIGN PANEL LAYOUTS:

NOTES:

- Refer to message schedule for actual sign messages.
- Panel layouts for ALL sign locations shall be included in shop drawings for review by designer and client.

NOTES:

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2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
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www.merjedesign.com

DATE 7-5-17

DRAWN BY: LH

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REVISIONS

CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
Pedestrian

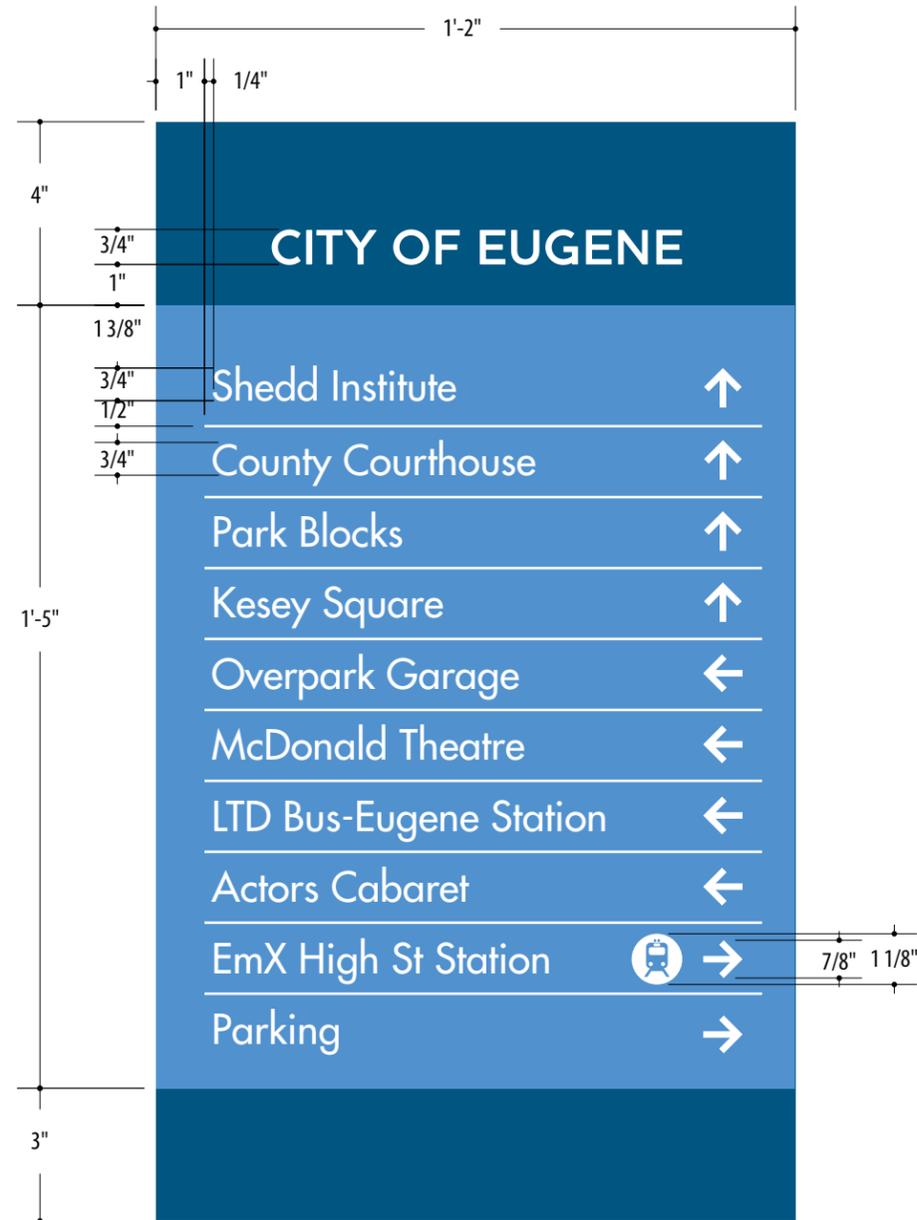
PROJECT NO.

SHEET TITLE

PDIR.1-2
Layout Drawings

SHEET NO.

E.1



1 Graphic Layout: PDIR.3
SCALE: 3" = 1'-0"

SPECIFICATIONS

SIGN PANEL LAYOUTS:

- NOTES:
- Refer to message schedule for actual sign messages.
 - Panel layouts for ALL sign locations shall be included in shop drawings for review by designer and client.

- NOTES:
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
 3. Hardware: All exposed hardware shall be tamper proof fasteners.
 4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

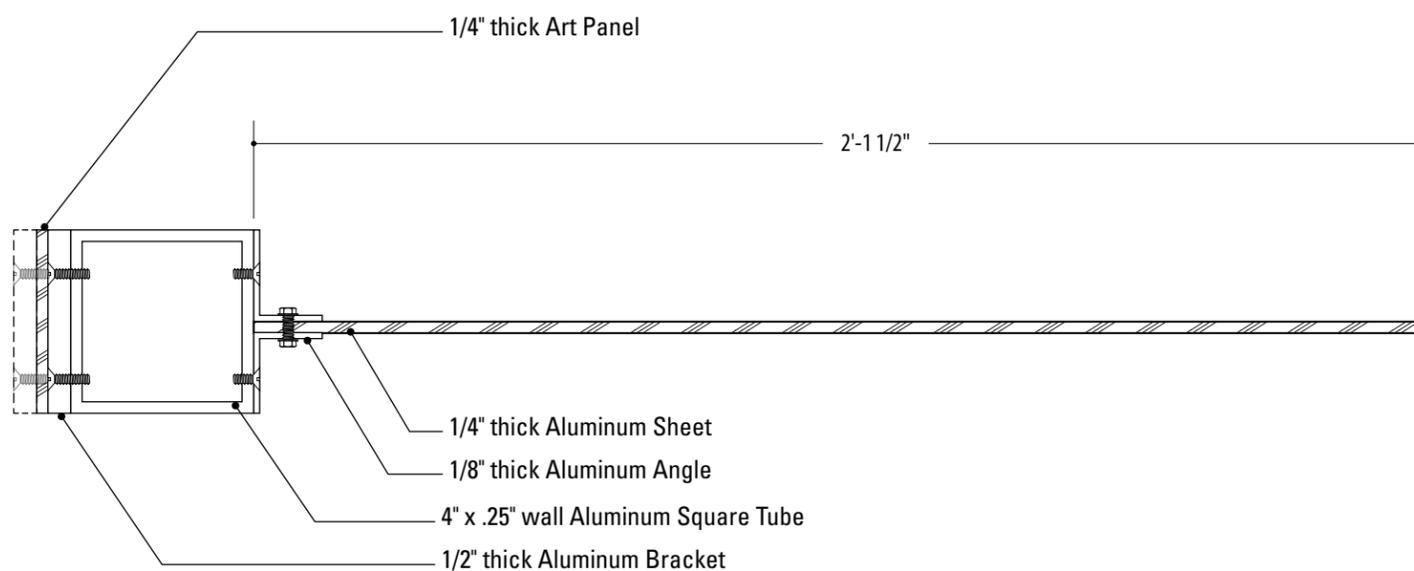
ENVIRONMENTS & EXPERIENCES

merJe

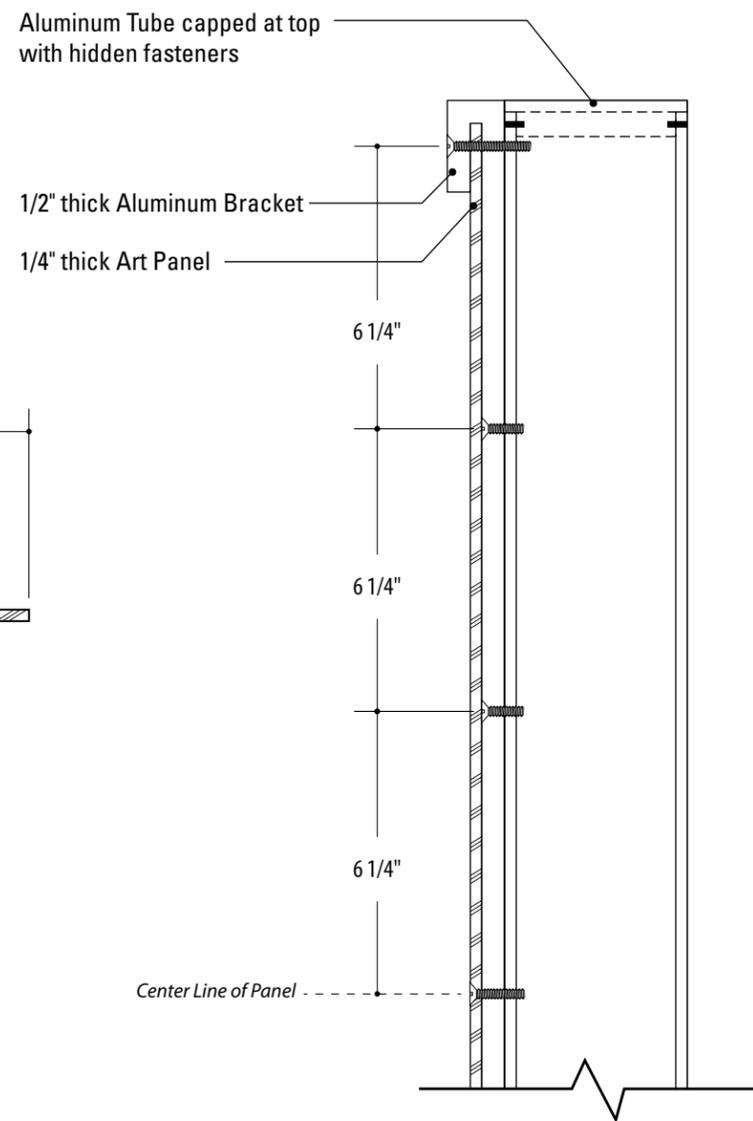
120 North Church Street
Suite 208
West Chester, PA 19380
T 484.266.0648
www.merjedesign.com

DATE 7-5-17	CLIENT / PROJECT City of Eugene Wayfinding and Signage System Pedestrian
DRAWN BY: LH	PROJECT NO.
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>	SHEET TITLE PDIR.3 Layout Drawings
	SHEET NO.
	E.2
REVISIONS	

F | Construction Details



1 Section: PDIR.1
SCALE: 3" = 1' -0"



2 Section: PDIR.1
SCALE: 3" = 1' -0"

SPECIFICATIONS

Construction Details

Sign Type:
PDIR.1

- NOTES:
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REVISIONS

CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
Pedestrian

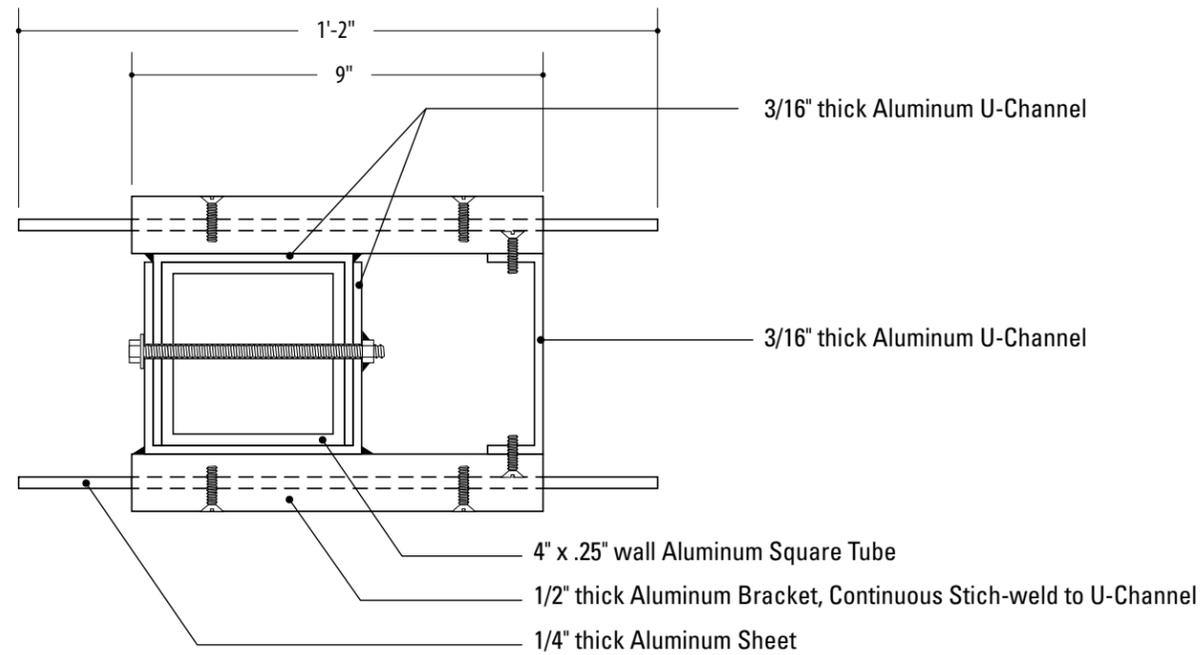
PROJECT NO.

SHEET TITLE

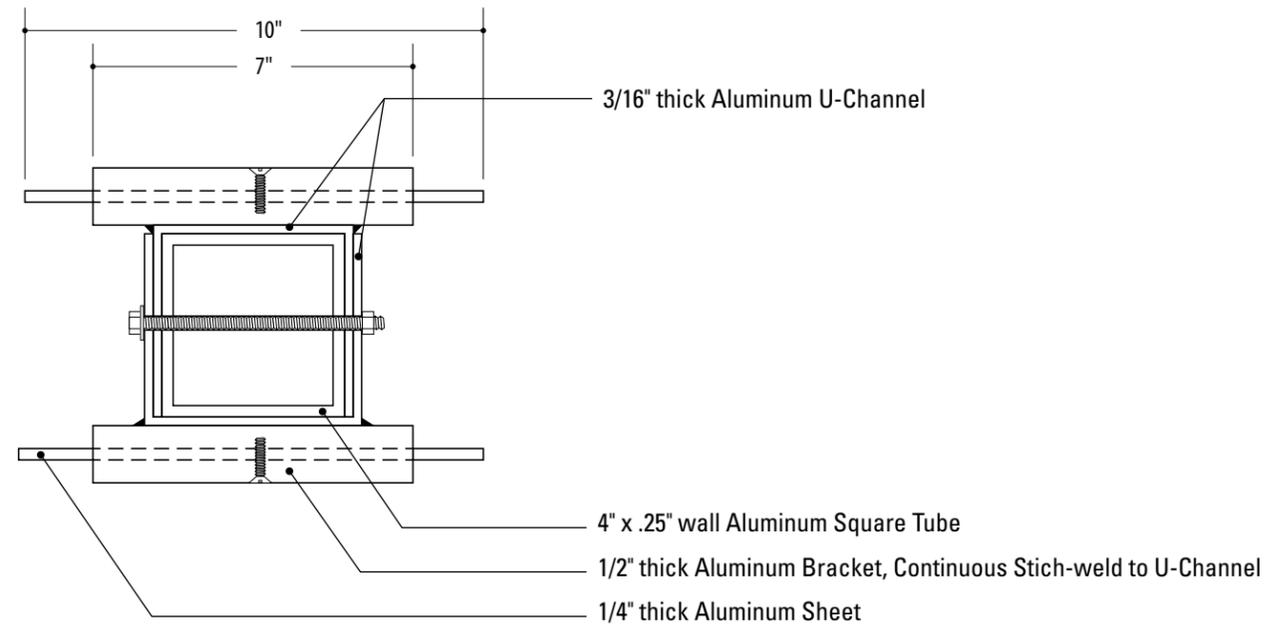
PDIR.1
Section Details

SHEET NO.

F.1



1 Section: KIOSK.3.1
SCALE: 3" = 1' - 0"



2 Section: INTERP.1
SCALE: 3" = 1' - 0"

SPECIFICATIONS

Construction Details

Sign Type:
KIOSK.3.1
INTERP.1

NOTES:

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REVISIONS

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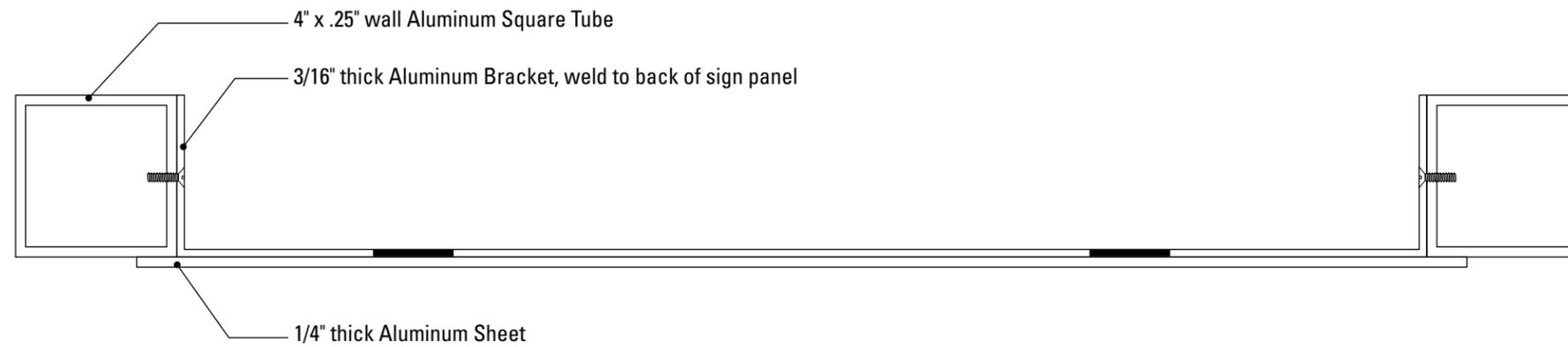
City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SHEET TITLE

KIOSK.3.1, INTERP.1
Section Details

SHEET NO.



1 Section: DEST.1
SCALE: 3" = 1' -0"

SPECIFICATIONS

Construction Details

Sign Type:
DEST.1

NOTES:

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REVISIONS

CLIENT / PROJECT
City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SHEET TITLE

DEST.1
Section Details

SHEET NO.

F.3

SPECIFICATIONS

Construction Details

Sign Type:
KIOSK.1
KIOSK.2

NOTES:

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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REVISIONS

CLIENT / PROJECT

City of Eugene
 Wayfinding and Signage System
 Pedestrian

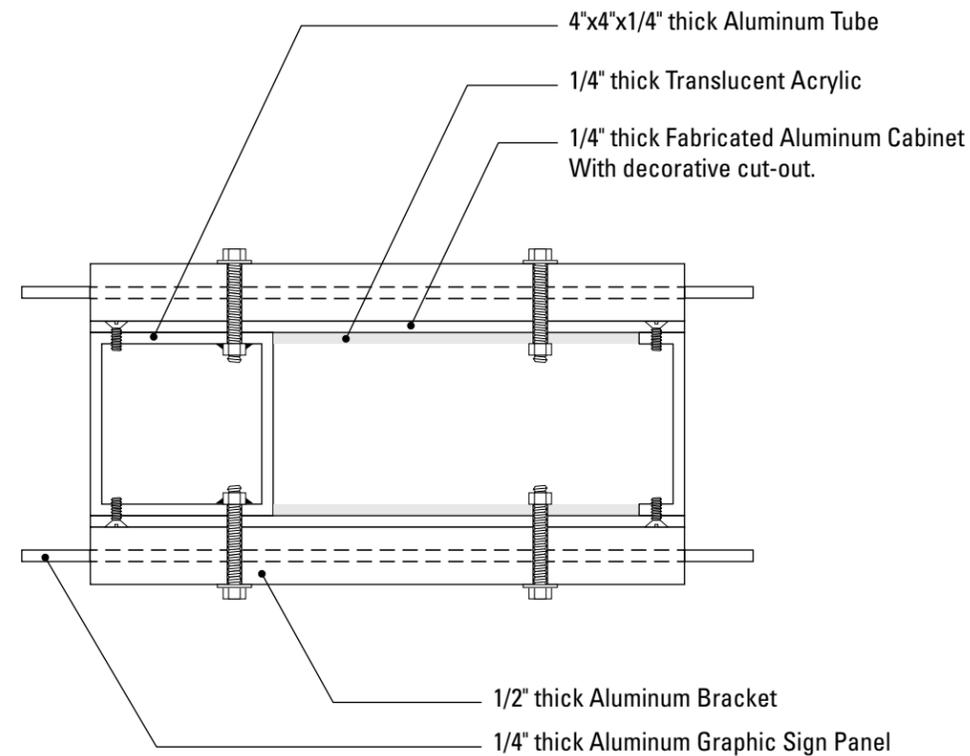
PROJECT NO.

SHEET TITLE

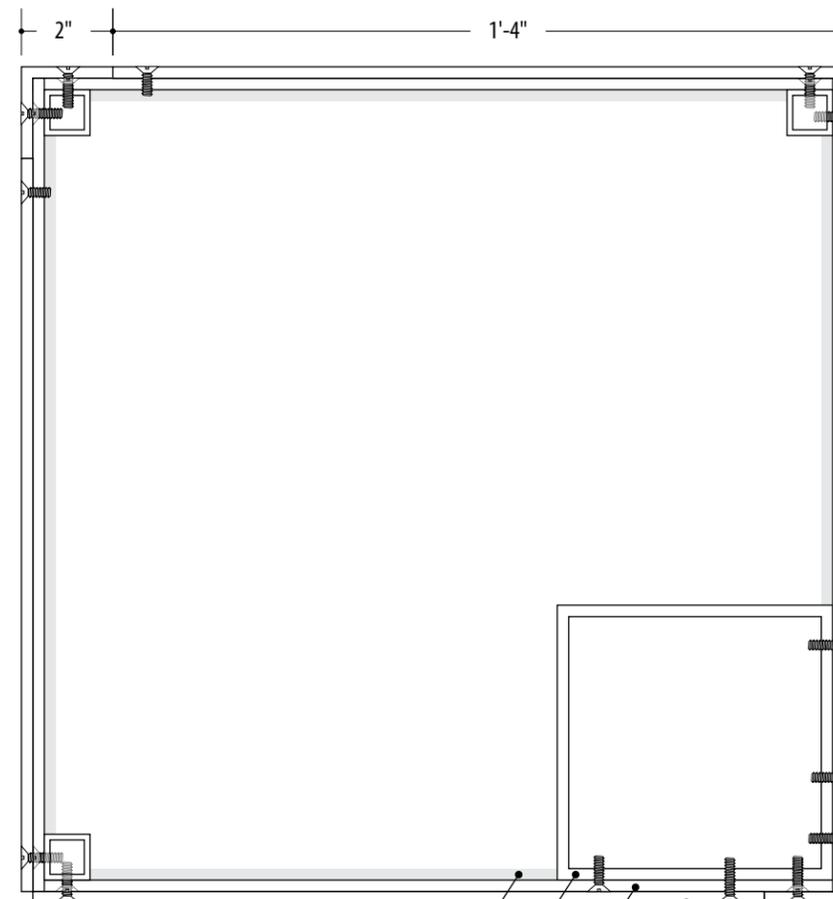
KIOSK.1-2
Section Details

SHEET NO.

F.4

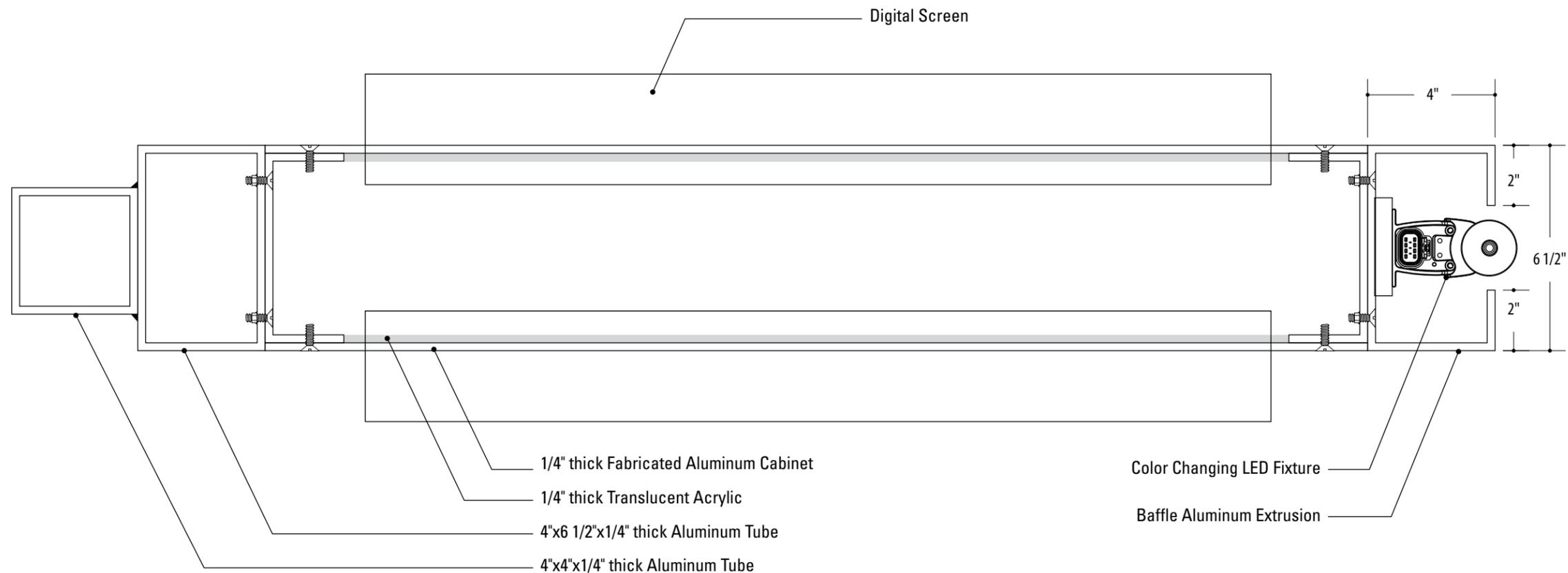


1 Section Details: KIOSK.2
 SCALE: 3" = 1'-0"

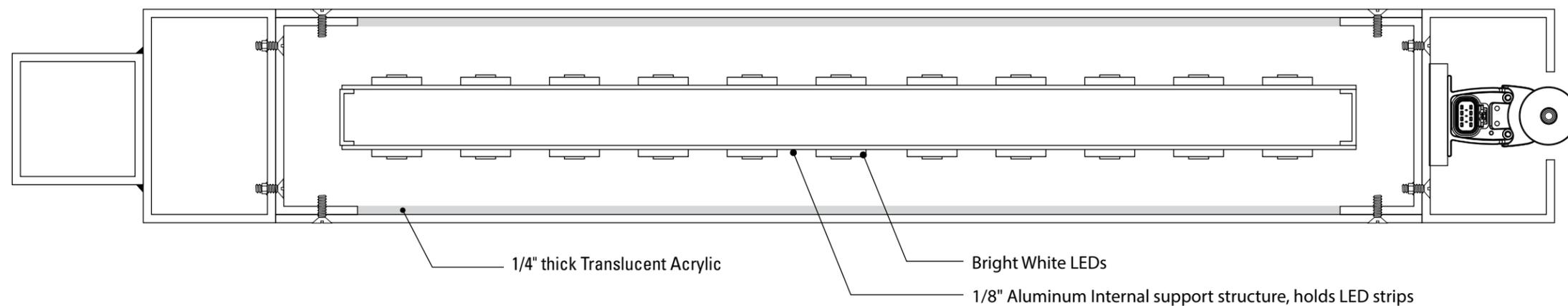


1/4" thick Translucent Acrylic
 6"x6"x1/4" thick Aluminum Tube
 Fabricated Sign Cabinet:
 1/4" Aluminum Sheet + 1" Tube
 1/4" Graphic Sign Panel

2 Section Details: KIOSK.1
 SCALE: 3" = 1'-0"



1 Section: KIOSK.4
SCALE: 3" = 1'-0"



2 Section: KIOSK.4
SCALE: 3" = 1'-0"

SPECIFICATIONS

Construction Details

Sign Type:
KIOSK.4

NOTES:

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CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
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PROJECT NO.

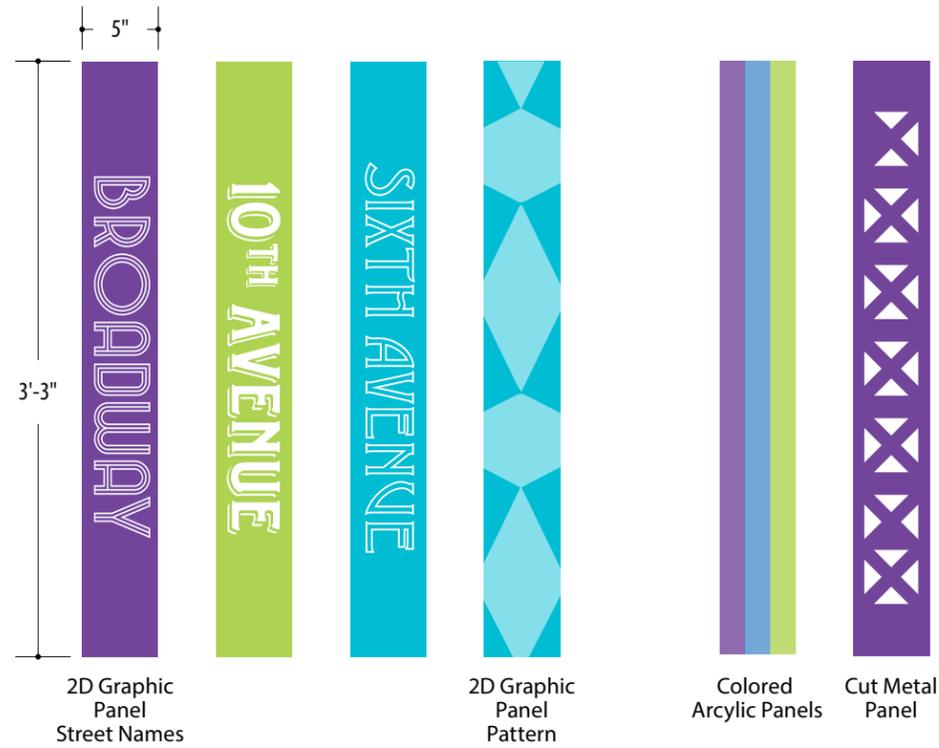
SHEET TITLE

KIOSK.4

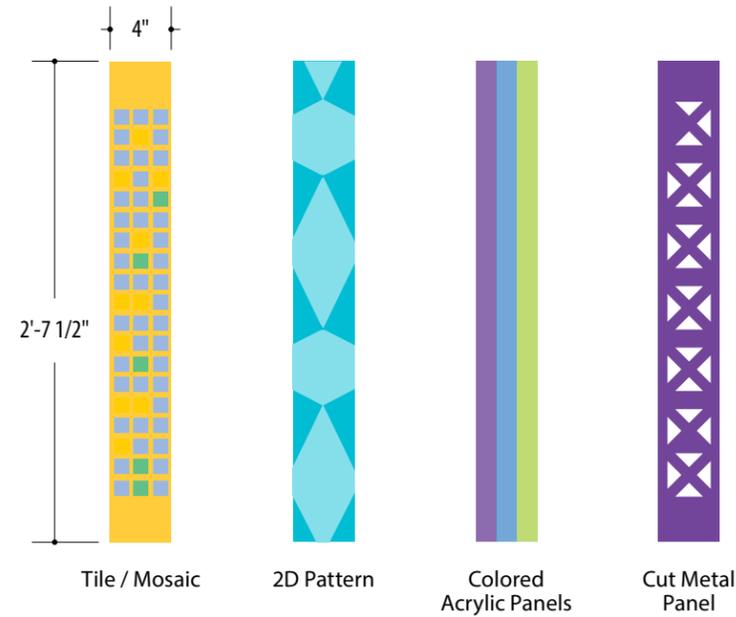
SHEET NO.

F.5

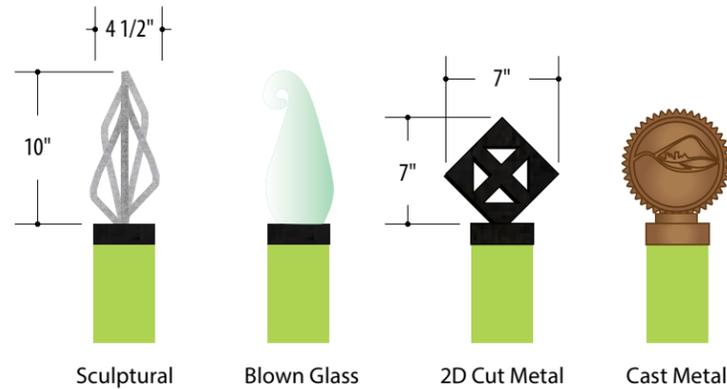
Artistic Panels - PDIR.1 / 1a



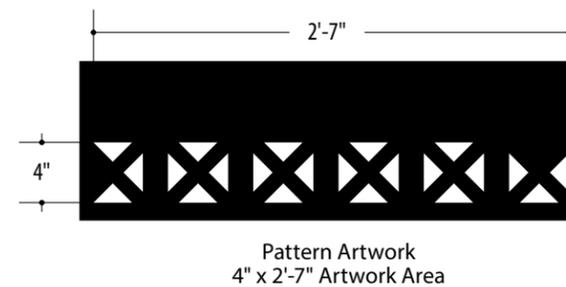
Artistic Panels - PDIR.1 / 1a



Artistic Finials - KIOSK.3.1, INTERP.1



Artistic Panel - DEST.1



SPECIFICATIONS

**Construction Details
Art Opportunities**

There are several opportunities for local artists to contribute to the Eugene Wayfinding System. Local artist opportunities shall be coordinated with the City of Eugene.

At the left are examples of the provided designs and patterns for various wayfinding elements.

These designs may be used, or local artists may provide additional panel elements. Examples of art mediums that could be utilized by local artist are:

- Sculpture
- Paint
- Textural elements
- Patterns
- Tile work
- Forged Metal

Artwork must fit within the dimensions provided for each sign type, and must be able to be fastened securely to the sign structure.

NOTES:

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REVISIONS

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City of Eugene
Wayfinding and Signage System
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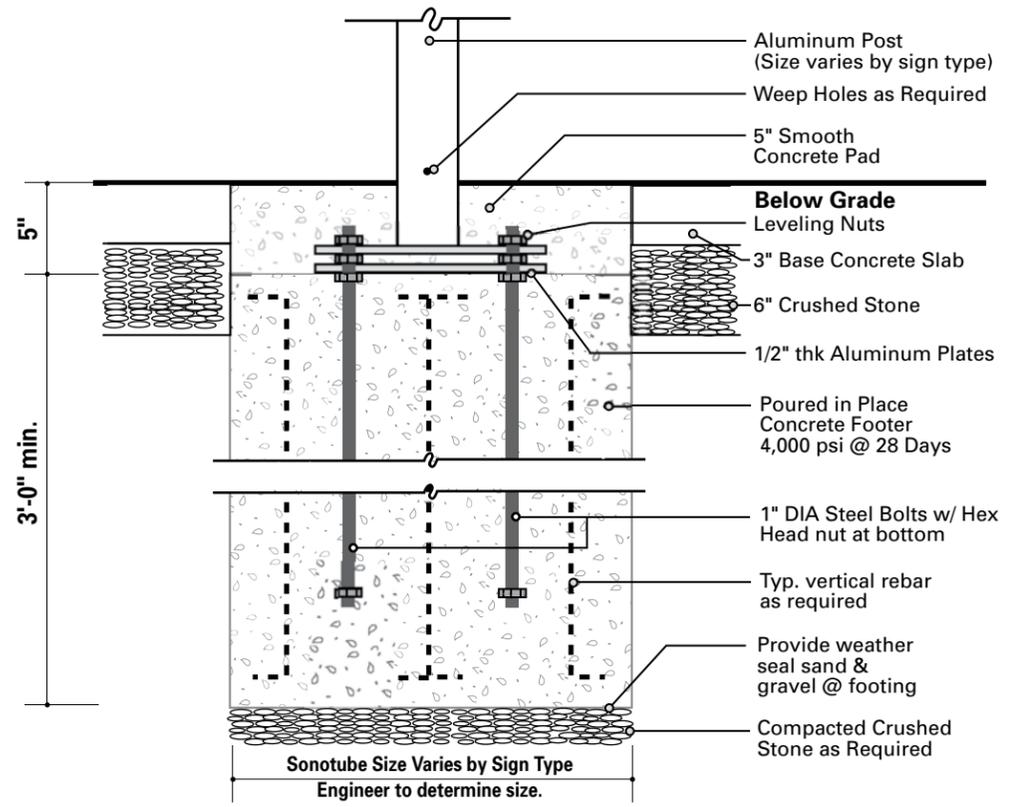
PROJECT NO.

SHEET TITLE

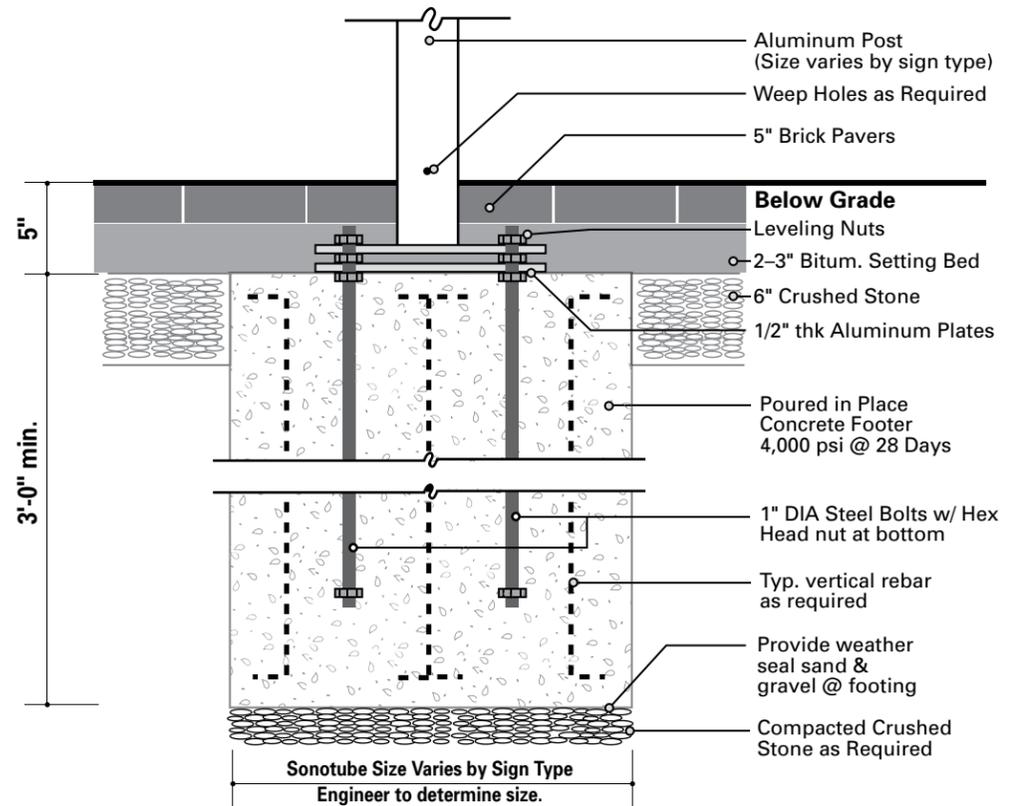
Art Opportunities

SHEET NO.

F.6



1 Section: Bolt w/ Nut Plate-to-Plate MOUNTING
Concrete Pavement Surface
SCALE: 1" = 1' - 0"



2 Section: Bolt w/ Nut Plate-to-Plate MOUNTING
Brick Pavers Surface
SCALE: 1" = 1' - 0"

SPECIFICATIONS

The FABRICATOR shall be familiar with all site conditions and shall be responsible for all underground utility checks.

The FABRICATOR shall be familiar with all basement/vault locations by obtaining plans from the local municipality Department of Public Works.

Where a basement/vault interferes with a proposed location, the sign shall be relocated to a location deemed appropriate by the municipalities Department of Public Works

Where relocation is not an option the FABRICATOR will develop the appropriate mounting solution. The solution shall meet all engineering criteria as established by the standard footings (i.e. windloads).

FINAL DESIGNS AND SHOP DRAWINGS SHALL BE SUPPLIED BY THE FABRICATOR FOR EACH OF THE BREAK-AWAY POLES IDENTIFIED AND AN OREGON REGISTERED PROFESSIONAL ENGINEER IS REQUIRED TO SIGN AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.

- NOTE:**
- 1) SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 POUNDS PER SQUARE FOOT. SOIL UNIT WEIGHT OF 125 PCF AND FRICTION ANGLE OF 30 DEGREES (ASSUMED).**
 - 2) CONCRETE STRENGTH AT 28 DAYS F'C=4,000 PSI REINFORCEMENT SHALL BE ASTM 36 FY=60,000 PSI**
 - 3) FOLLOW THE MOST RECENT ODOT DESIGN STANDARDS FOR MATERIAL AND CONSTRUCTION INFORMATION FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS.**
 - 4) FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS.**

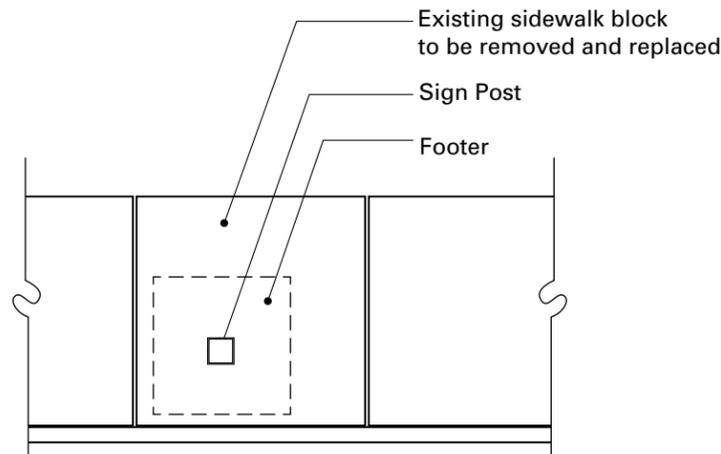
- NOTES:
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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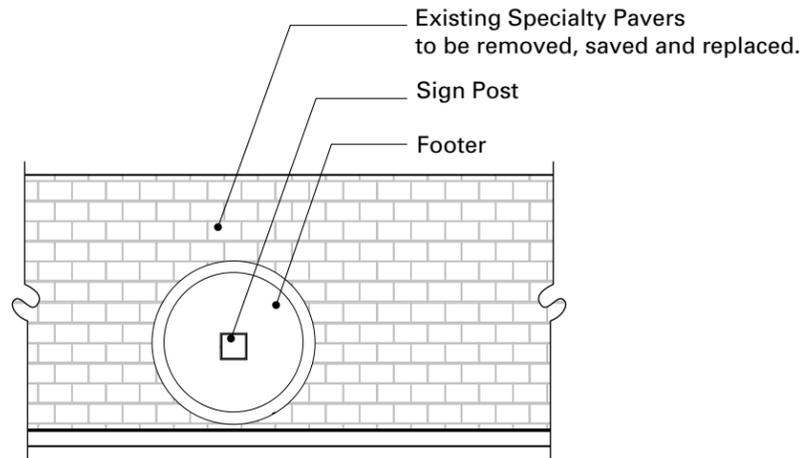
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DATE	7-5-17	CLIENT / PROJECT
DRAWN BY:	LH	City of Eugene Wayfinding and Signage System Pedestrian
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		SHEET TITLE
		Plate-to-Plate Footer Detail
REVISIONS		SHEET NO.
		F.7



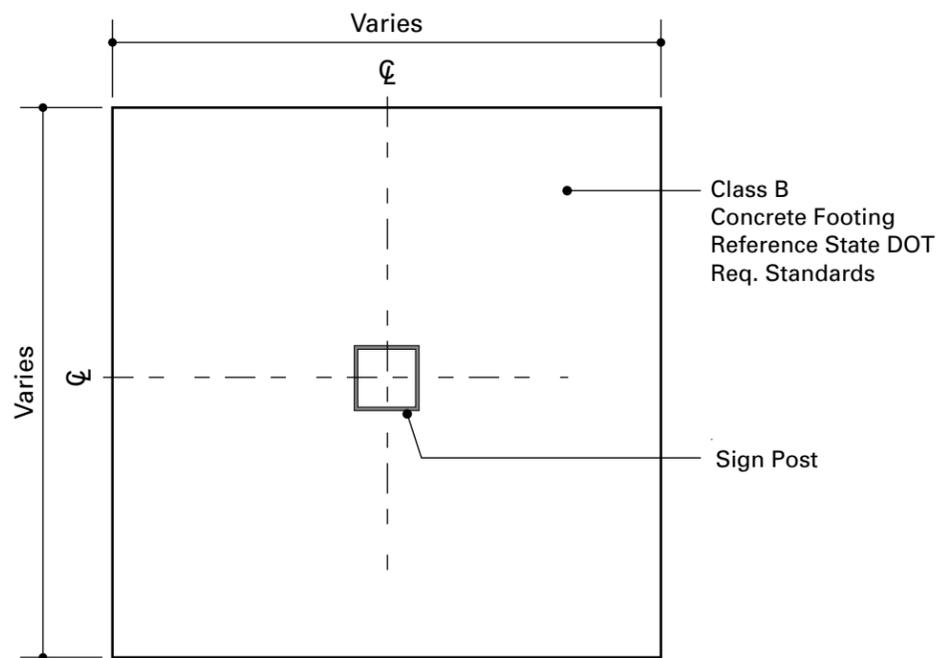
NOTE: When locating a footer within a single pavement block adjacent to at least 2 expansion joints, the entire block of pavement shall be removed and replaced with the same materials and finish of adjacent sidewalk areas.

1 Plan: Footer Placement
SCALE: NTS



NOTE: The pattern of bricks need to be removed, stored and replaced in the order they were removed. **Marking the Specialty Pavers sidewalk with spray paint will NOT be allowed.**

3 Plan: Specialty Pavers Footer Placement
SCALE: NTS



2 Plan View: Footer
SCALE: 1" = 1' - 0"



Acceptable Footer Detail



Unacceptable Footer Detail



Acceptable Footer Detail



Unacceptable Footer Detail



Acceptable Footer Detail



Unacceptable Footer Detail

SPECIFICATIONS

Sidewalk Footer Placement Details

The FABRICATOR shall be familiar with all site conditions and shall be responsible for all underground utility checks.

The FABRICATOR shall be familiar with all basement/vault locations by obtaining plans from the local municipality Department of Public Works.

Where a basement/vault interferes with a proposed location, the sign shall be relocated to a location deemed appropriate by the municipalities Department of Public Works

Where relocation is not an option the FABRICATOR will develop the appropriate mounting solution. The solution shall meet all engineering criteria as established by the standard footings (i.e. windloads).

FINAL DESIGNS AND SHOP DRAWINGS SHALL BE SUPPLIED BY THE FABRICATOR FOR EACH OF THE BREAK-AWAY POLES IDENTIFIED AND AN OREGON REGISTERED PROFESSIONAL ENGINEER IS REQUIRED TO SIGN AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.

NOTE:

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- 2) CONCRETE STRENGTH AT 28 DAYS F'C=4,000 PSI REINFORCEMENT SHALL BE ASTM 36 FY=60,000 PSI**
- 3) FOLLOW THE LATEST ODOT DESIGN STANDARDS FOR MATERIAL AND CONSTRUCTION INFORMATION FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS.**
- 4) FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS.**

NOTES:

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CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SHEET TITLE

Sidewalk Footer Placement Details

SHEET NO.



Date: _____ Type: _____
 Firm Name: _____
 Project: _____

iColor Accent MX Powercore

Precision-controlled direct-view linear exterior LED fixture with intelligent color light

iColor Accent MX Powercore is a direct view linear LED fixture ideally suited for creating long ribbons of color and color-changing effects. Variable resolution offers the precision to display large-scale video, graphics, and intricately designed effects in a host of architectural, retail, and entertainment settings. iColor Accent MX Powercore offers the efficiency and cost-effectiveness of Powercore technology in an outdoor-rated, road-ready aluminum housing.

- Integrates patented Powercore technology — Powercore technology rapidly, efficiently, and accurately controls power output to fixtures directly from line voltage. The Philips Data Enabler Pro merges line voltage and control data and delivers them over a single cable, dramatically simplifying installation and lowering total system cost.

- Native, onboard Ethernet — Fixtures accept Ethernet input from the Data Enabler Pro to support long control runs not subject to DMX data and addressing limitations.

- Precise resolution control — 2 ft and 4 ft lengths are easily connected to create long, continuous columns of intense, dynamic color. Fixtures can be addressed and controlled in increments down to 1.2 inches (30 mm), or up to 4 ft (1.2 m).

- Exceptional viewing angles — The diffused plastic lens, specifically designed for direct viewing, provides exceptional viewing angles and ensures uniform color mixing.

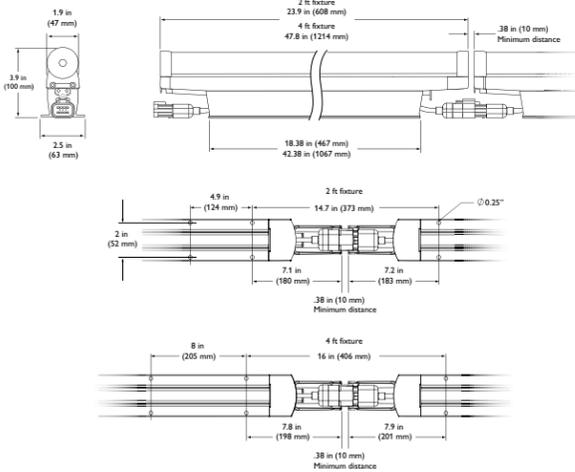
- Rugged, durable construction — This IP66-rated fixture is designed to meet the taxing requirements of outdoor and entertainment applications. The extruded aluminum housing

resists shock, vibration, and other forms of rough handling.

- Flexible positioning — Over-molded, end-to-end locking connectors supply both power and data. Connectors can make 180° turns for easy layout. Jumper cables of 1 ft (305 mm), 2 ft (610 mm), 5 ft (1.5 m), and 10 ft (3 m) can add extra space between fixtures.

- Industry-leading controls — Works seamlessly with the complete Philips line of controllers, including Video System Manager Pro, Light System Manager, and iPlayer 3, as well as third-party controllers.

- Universal power input range — Accepts a universal power input range of 100 to 240



VAC for consistent installation anywhere in the world. Each Data Enabler Pro can support multiple fixtures for creating long lines of video or ribbons of intricately changing color.

For detailed product information, please refer to the iColor Accent MX Powercore Product Guide at www.philipscolorkinetics.com/ls/rgb/coloraccentmxpc/



Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	2 ft	4 ft
Output	Viewing Angle	220°	
	On-Axis Candela	52	
	Lumens*	327 (4 ft fixture)	
	Lumen Maintenance†	50,000+ hours L50 @ 50° C (full output)	
Electrical	LED Channels	Red / Green / Blue	
	Input Voltage	100 – 240 VAC, auto-switching, 50 / 60 Hz via Data Enabler Pro	
Control	Power Consumption	10 W per foot maximum at full output, steady state	
	Interface	Data Enabler Pro (DMX / Ethernet)	
Physical	Control System	Philips full range of controllers, including Video System Manager Pro, Light System Manager, and iPlayer 3, or third-party controllers	
	Dimensions (Height x Width x Depth)	3.3 x 23.9 x 2.5 in (84 x 606 x 64 mm)	3.3 x 47.8 x 2.5 in (84 x 1213 x 64 mm)
	Weight	4.5 lb (2 kg)	9.3 lb (4.2 kg)
	Housing	Sealed plastic and extruded aluminum	
	Lens	Translucent plastic	
	Fixture Connections	Over-molded, integral male / female connectors	
	Temperature Ranges	-40° – 122° F (-40° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage	
Certification and Safety	Humidity	0 – 95%, non-condensing	
	Maximum Fixtures Per Data Enabler Pro	25	25
	Certification	UL / cUL, CE	
Environment	Dry / Damp / Wet Location, IP66		

* Lumen measurement complies with IES LM-79-08 testing procedures.

† L50 = 50% lumen maintenance (when light output drops below 50% of initial output). Ambient luminaire temperatures specified. Lumen maintenance calculations are based on lifetime prediction graphs supplied by LED source manufacturers. Calculations for white-light LED fixtures are based on measurements that comply with IES LM-80-08 testing procedures. Refer to www.philipscolorkinetics.com/support/appnotes/lm-80-08.pdf for more information.



CHROMACORE CK TECHNOLOGY | CHROMASIC CK TECHNOLOGY | POWERCORE CK TECHNOLOGY

Fixtures & Accessories

Item	Type	Item Number	Philips 12NC
iColor Accent MX Powercore	2 ft	123-000018-00	910503701068
	4 ft	123-000018-01	910503701069
Leader Cable with terminator and strain relief	50 ft (15.2 m)	108-000028-01	910503700086
	1 ft (305 mm)	108-000029-03	910503700087
Jumper Cable	2 ft (610 mm)	108-000029-06	910503700090
	5 ft (1.5 m)	108-000029-05	910503700089
	10 ft (3 m)	108-000029-04	910503700088
Data Enabler Pro	3/4 in / 1/2 in NPT (U.S. trade size conduit)	106-000004-00	910503701210
	PG21 / PG13 (metric size conduit)	106-000004-01	910503701211

Use Item Number when ordering in North America.



Philips Color Kinetics
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 Burlington, Massachusetts 01803 USA
 Tel 888.385.5742
 Tel 617.423.9999
 Fax 617.423.9998
www.philipscolorkinetics.com

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SPECIFICATIONS

NOTES:

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ENVIRONMENTS & EXPERIENCES



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DATE 7-5-17

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REVISIONS

SHEET NO.

CLIENT / PROJECT

City of Eugene
 Wayfinding and Signage System
 Pedestrian

PROJECT NO.

SHEET TITLE

iColor Specifications

SHEET NO.

F.9

Samsung OHD Series SMART Signage

All-inclusive outdoor signage solution for brilliant business messaging



Highlights

- Engage viewers with excellent visibility through 3,000 nit (46") High Brightness, Reflection Cancelling Protection Glass, 5,000:1 contrast ratio, Auto-Brightness Sensor and Polarized Sunglass Support.
- Rely on extra durability for 24/7 operation in any environment from -30°C to 50°C with IP56 Ingress Protection and innovative Steady Cooling System.
- Easily connect and manage the displays and content with HDBaseT connection, Samsung SMART Signage Platform (SSSP) and Samsung MagicInfo® Solution.
- Simplify outdoor signage enclosures with a thin and complete outdoor signage solution that requires no additional parts.
- Reduce Total Cost of Ownership (TCO) with efficient installation, operation and management supported by reliable Samsung service.

Bring outdoor messaging to life with a streamlined signage solution ready for a simple enclosure

Digital signage offers an effective way to communicate important information. However, operating digital signage outside involves more than simple relocation; it is a technical reengineering. Many factors, including visibility and durability under heavy usage and in extreme environments, system and content manageability, and operating costs must be considered.

Samsung OHD Series SMART Signage delivers an all-inclusive outdoor signage solution that is completely equipped for virtually any environment. OHD Series displays integrate every essential component and all the technology required for outdoor signage in a thin display. So, businesses can reach customers without the typical outdoor display mechanical design, installation and management issues.

Built for durability and flexibility, OHD Series displays can withstand extreme temperatures from -30°C to 50°C. The displays include slim and innovative temperature regulation systems for 24/7 operation in outdoor environments. And with 3,000 nit(46") brightness, a 5,000:1 contrast ratio, and anti-reflection glass, businesses can be sure that messages are seen vibrantly almost anytime or anywhere.



Deliver vivid and brilliant viewing reliably, even in extreme conditions

Captivate audiences with excellent visibility

OHD Series displays mesmerize audiences with high brightness that outshines conventional outdoor displays. The displays feature innovative Reflection Cancelling Technology to reduce reflection, an extremely high contrast ratio for vivid images, Auto Brightness Sensor to optimize brightness and Polarized Sunglass Support to optimally convey messaging to virtually any viewer.

OHD Series display viewers experience superior messaging clarity delivered with high 2,500 nit(55") and 3,000 nit(46") brightness that exceeds the brightness level of common outdoor displays that are typically found within the market.

Reflection cancelling technology is pinnacle of optical science that reduces reflection from a typical 12.8% down to approximately 0.5%. OHD Series patent pending Reflection Cancelling Protection Glass in front of the displays' LCD panels removes the protection glass reflection, making the displayed images richer and clearer. A front nano coating layer on the 5 mm protection glass exterior cuts down surface reflection with anti-infrared material that reduces solar radiation. A rear film layer also reduces reflection. When high brightness with lower reflection is combined with high contrast ratio, the result is greater content visibility.

OHD Series displays feature 5,000:1 high contrast ratio that is essential for delivering every detail of outdoor signage content with true and deep blacks. Under high luminance, high contrast ratio combined with high brightness enables the displays to show content with greater vibrancy and sharpness.



Figure 1. High brightness and contrast ratio suited for outdoor environment

The displays' Auto Brightness Sensor automatically adjusts the brightness between around 200 nit to typical brightness to optimally suit the surrounding lighting conditions.



Figure 2. Auto Brightness Sensor adjusts the brightness between 200 nit to 3,000 nit

Because light emitted from an LCD display is polarized, a viewer wearing polarized sunglasses perceives that the display is turned off in either portrait or landscape mode. OHD Series displays feature circular polarizing technology that eliminates display blindness caused by polarized sunglasses.

In addition, OHD Series SMART Signage's image quality performance is substantiated by TÜV picture quality master certification with validation of Outdoor Monitor High Visibility and Performance.



Figure 3. TÜV certification for visibility

Operate reliably in virtually any environment

High ingress defense level IP56

Outdoor signage is directly exposed to dust, water, temperature changes and many other environmental variables that can damage the panels and impede operation. OHD Series displays ensure a higher level of ingress defense than most conventional outdoor displays with IP56 level protection that extends throughout the waterproof design, covering the fan, drain hole, plug and power outlets.

SPECIFICATIONS

NOTES:

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ENVIRONMENTS & EXPERIENCES



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REVISIONS

CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SHEET TITLE

Samsung Digital Screen

SHEET NO.

F.10



Deliver vivid and brilliant viewing reliably, even in extreme conditions



Figure 4. IP56 Ingression Protection

High endurance against external impact

Additional display protection is provided through the 5 mm (0.19 in.) tempered Reflection Cancelling Protection Glass that can resist the free dropping of a 0.54 kg (1.19 lb.) metal ball from up to 2.5 meters (8.2 ft.). 2.5meters are Samsung's higher standard of protection glass than industry standard 1.5meters. In addition, a gap between the Reflection Cancelling Protection Glass and the LCD panel prevents LCD breakage when the protection glass is broken (unlike optically bonded panels, which are more easily broken).

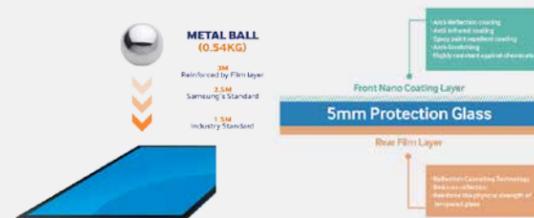


Figure 5. Reflection Cancelling Protection Glass. Protection glass resists high impact on the surface and other attempt to injure.

High endurance against radiation heat

Outdoor signage is exposed directly or indirectly to sunlight, therefore, it must be mechanically designed to endure heat. OHD Series displays feature a Tni 110°C (230°F) panel that is designed to protect it from blackening defects that can occur when the display's surface temperature rises above its endurance level. This protection far exceeds the 75°C or 85°C (158°F or 176°F) endurance of conventional digital signage for high durability and reliability even under strong sunshine.

Wide range of operation temperature

A patent pending Steady Cooling System and heating system ensure stable usage and fast display startup with advanced thermo control. The systems eliminate the need for additional air conditioning or heating equipment, and offer a wide operation temperature range of: -30°C (-22°F) to 50°C (122°F). The advanced Steady Cooling System is a key technology that enables the OHD Series display's slim form factor by combining highly efficient cooling with thin thermodynamic innovation. The system revolutionizes outdoor signage design by eliminating the need for additional air conditioning systems and thick enclosures to accommodate the full display package.



Figure 6. All-inclusive architecture enables the thin enclosure

24/7 durability

Outdoor signage communication with the general public requires the consistent and credible performance provided by the OHD Series 24/7 operation and robust durability. The ability to operate 24/7 also helps reduce TCO and increase ROI for the customer.



Figure 7. Strong 24/7 durability for seamless business communication

Deliver vivid and brilliant viewing reliably, even in extreme conditions

Experience easy connection and management

OHD Series displays deliver simplified, straightforward operation and connectivity with an HDBaseT connection, 2nd Generation SSSP and a platform on which content provider partners can freely develop web-based services..

HDBaseT is a connectivity standard for the distribution of uncompressed HD multimedia content. With HDBaseT, video, audio, Ethernet and control signals are transmitted through a single LAN cable for up to a 100-meter distance. Businesses can leverage HDBaseT to manage outdoor signage remotely from an office, providing a simplified connection at a lower cost.

2nd Generation SSSP features a media player that is embedded inside the display and integrates a capable computer into the display as a System-on-Chip (SoC). This integrated hardware and software solution streamlines digital signage configuration and management by eliminating the need for an additional PC unit.

MagicInfo® is an end-to-end management solution for digital signage networks. By integrating MagicInfo® S Player embedded in the display with MagicInfo Server® businesses can centrally manage and control multiple digital signage displays over the Internet.

SSSP provides a platform for which content provider partners can develop web-based services freely and easily without using an additional PC or media player. Such web-based services can streamline the content management of large-scale outdoor signage networks.



Figure 8. Remote management of outdoor signage with simple, low-cost connection through advanced HDBaseT

Simplify outdoor signage with an all-encompassing array of pre-assembled features

Outdoor signage need not be complex. OHD Series is conveniently and easily installed, designed and operated with a thin and complete all-in-one solution. The package includes ingress protection, anti-reflection technology, vandalism protection and a highly efficient cooling system, all of which are assembled mechanically and perfectly. The simple OHD Series display enclosure requires no additional parts, so it is completely ready for virtually any enclosure.

At 90.3 mm (including its protection glass), the OHD Series display depth is the slimmest on the market. This slim depth provides a sleeker enclosure design and enables many usage applications. The all-inclusive display design encompasses a wide range of functionality that was previously handled by an enclosure. For example, the OHD Series applies Reflection Cancelling Technology that eliminates the need for additional protection glass and the Steady Cooling System eliminates the need for additional air-conditioning equipment in the enclosure. In addition, the OHD Series IP56 protection chassis and mechanical parts eliminate the design requirement of additional ingress protection. With a display solution that encompasses all the typical outdoor design requirements, business can simplify and shorten the outdoor signage decision making and deployment processes.

SPECIFICATIONS

NOTES:

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ENVIRONMENTS & EXPERIENCES

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REVISIONS

SHEET NO.

CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SHEET TITLE

Samsung Digital Screen

SHEET NO.

Streamline outdoor signage for convenience and cost-savings

Reduce TCO

Up to 70% of digital signage costs including power, installation, content, media players and software are hidden expenses. OHD Series displays enable lower TCO by providing control of these hidden installation, operation and management costs.

Simplified construction of outdoor signage and enclosures enhances its serviceability. The use of minimal outdoor signage components facilitates easy issue detection and troubleshooting. Plus, the all-inclusive OHD Series signage design as a single display with compatible parts optimizes performance and reduces failures from interactions between components.

Samsung's experienced and professional business service supports customers for reduced downtime and longer equipment usage. A 3-year commercial usage warranty minimizes the customer's expenditures for unexpected display failure and recovery.

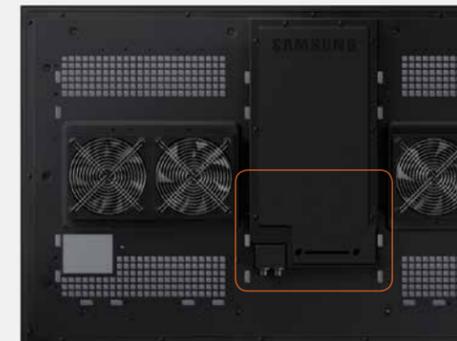
Samsung OHD Series SMART Signage

OHD

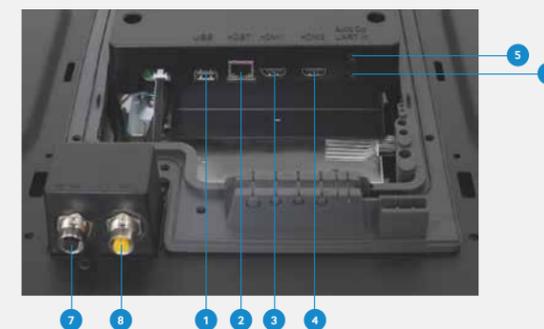
46"/55"



Connectors



1. USB
2. HDBT
3. HDMI1
4. HDMI2
5. Audio Out
6. UART In
7. Main Power In
8. BLU Power In



Power box



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City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SHEET TITLE

Samsung Digital Screen

SHEET NO.

F.12

Samsung OHD Series SMART Signage

Specifications

		OH46D	OH55D
Panel	Diagonal Size	46"	55"
	Type	S-VA	
	Resolution	1,920 x 1,080 (16:9)	
	Active Display Area (mm/in.)	1,018 x 572.6 (40 x 22.5)	1,209.6 x 680.4 (47.6 x 26.7)
	Brightness(Typ.)	3,000 cd/m2	2,500cd/m2
	Contrast Ratio	5,000:1	
	Viewing Angle(H/V)	178/178	
	Response Time(G-to-G)	6ms	
	Display Colors	8 bit - 16.7M	
			72%
Display	Dynamic C/R	100,000:1	
	H-Scanning Frequency	30 ~ 81kHz	
	V-Scanning Frequency	48 ~ 75Hz	
	Maximum Pixel Frequency	148.5Mhz	
Sound	Speaker Type	N/A	
	INPUT	RGB VIDEO AUDIO	
Connectivity	OUTPUT	RGB VIDEO AUDIO Power Out	
	EXTERNAL CONTROL	HDMI®1, HDMI2, HDBaseT®(LAN Common)	
	EXTERNAL SENSOR	N/A	
	Type	External (Power Box)	
	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
	Power	Max[W/h]	600
Typical[W/h]		193(EN) / 412(ZA)	267W(EN) / 491W(GO)
BTU(Max)		2,047.7	2218.3
Sleep mode		less than 0.5W	
Off mode		less than 0.5W	
Mechanical Sepc	Dimension (mm/in.)	Set	1,069 x 623.6 x 90.3 (42 x 24.5 x 3.5) (Set) 623.5 x 564.9 x 90 (24.5 x 22.2 x 3.5) (Power Box)
		Package	1,174 x 305 x 727 (46.2 x 12 x 28.6)
	Weight (kg/lb)	Set	39.5 (87) (Set)
		Package	8.6 (18.9) (Power Box)
	Mounting Hole	Set	39.5 (87) (Set)
		Package	54.4 (119.9)
		Set	8.6 (18.9) (Power Box)
		Package	66.6 (146.8)
Protection Glass	989.0 x 503.6		
Stand Type	1180.6 x 611.4		
Media Player Option Type	Yes (5T Tempered Glass)		
Bezel width (mm/in)	N/A		
Operating Temperature	N/A		
Humidity	24.9 (0.9)		
IP Certificate	-30°C~ 50°C		
	10~80%		
	IP56		

Samsung OHD Series SMART Signage

Specifications

		OH46D	OH55D	
Key		Slim High Brightness, IP56 Outdoor		
	Special	IP56 Certified for Simple Enclosure Outdoor, Protection Glass(Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installalling, Portrait Installation Support, Button Lock, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Anti Image Retention, Temperature Sensor, Pivot Display, MagicInfo S, Smart Scheduling, RJ45 MDC, PIP/PBP, Auto Source Switching & Recovery,		
Feature	Processor	Cortex®-A9 1GHz Quad Core CPU		
	On-Chip Cache	L1 (I/D) : 32KB / 32KB		
	Memory	L2 (Unified) : 1MB		
	Clock Speed	1GHz CPU Quad		
	Main Memory Interface	1.5 GB Dual 48bit DDR3-933 (1866MHz)		
	Internal Player (Embedded H/W)	Graphics	2D & 3D Graphics Engine - Up to 1,920 x 1,080 32bpp - Supports OpenGL ES®	
		Storage (FDM)	8 GB (2GB Occupied by O/S, 6GB Available)	
	Multimedia	Video Decoder	- MPEG-1/2, H.264/AVC (Dual)	
		Audio DSP (Decoder)	- VC-1, JPEG, PNG, VP8	
		AC3 (DD), MPEG, DTS and etc.	- AC3 (DD), MPEG, DTS and etc.	
IO Ports	USB 2.0			
Operating System	Linux®			
Safety	CB : IEC60950-1/EN60950-1 (EN) UL : cUL60950-1 (GO)			
Certification	EMC	CE : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 (EN) FCC : Part 15, Subpart B Class A (GO)		
	Environment	N/A		
Accessories	Included	Quick Setup Guide, Regulatory Guide, Warranty Card, Remote Controller, Batteries		
	Not Included	BLU Power Cable, Main Power Cable		
Media Player	CPU	N/A		
	N/B	N/A		
	S/B	N/A		
	GPU	N/A		
	FDM/HDD	N/A		
	Memory	N/A		
Connectivity	Ethernet	N/A		
	USB	N/A		
	Output	N/A		
	Others	N/A		

SPECIFICATIONS

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DATE	7-5-17	CLIENT / PROJECT	City of Eugene Wayfinding and Signage System Pedestrian
DRAWN BY:	LH	PROJECT NO.	
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REVISIONS		SHEET NO.	F.13

SunBriteDS[®]

Outdoor Digital Signage

MODEL DS-3214TSL

DISPLAY

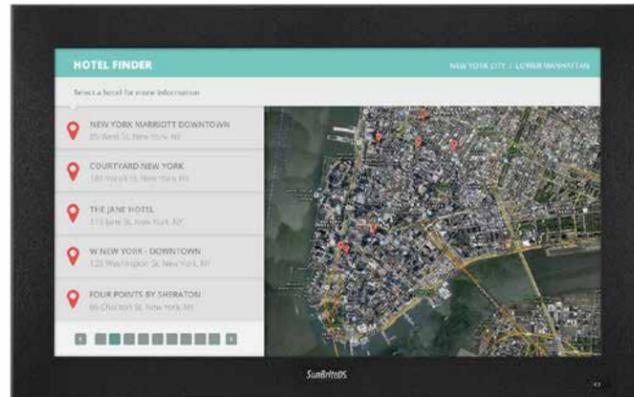
AVAILABLE COLORS



Silver



Black



SHOWN IN BLACK

KEY FEATURES

- 32" Pro Series True-Outdoor All-Weather Digital Signage for permanent outdoor installation
- Interactive 3M Microtouch dispersive signal Technology (DST) touch screen made from chemically strengthened glass for improved scratch resistance, with anti-glare surface.
- Bright 32-inch full HD, 1080p LED-LCD screen for improved outdoor viewing
- Direct Sunlight-Readable
- High temperature Enhanced Solar Tolerance (EST) technology prevents isotropic backout
- Exterior designed to protect internal components from rain, snow, dust, insects, humidity, and salt air.
- Powder-coated rust-proof aluminum exterior for strength and durability.
- Multi-fan airflow system keeps the unit cool and dry in temperatures up to 122 degrees F.
- Ability to operate in cold weather (-40 degrees F).
- RS232 serial control with discrete on, off, and input control.
- Rear IR receiver (located in the cable-entry compartment).
- Innovative water-tight Cable Entry System seals out moisture and allows for easy hook-ups.
- Optional water-tight media player/cable compartment accommodates a variety of media players including Brightsign®
- Weatherproof detachable 20W speaker module (optional), remote control, and control buttons.
- Side control button lock-out prevents unauthorized users from changing the programming.
- Includes warranty and manual
- Landscape Orientation Only (For Portrait installation, see DS-3214TSP)

SunBriteDS[®]

Outdoor Digital Signage

MODEL DS-3214TSL

SCREEN

SCREEN
31.5-inch Diagonal Color Active Matrix
TFT LED-LCD

RESOLUTION
1920 x 1080 Full-HD 1080p

ASPECT RATIO
16:9

CONTRAST RATIO
1400:1

FRAME RATE
60 Hz

VIEWING ANGLE
178° x 178°

RESPONSE TIME
6.0 milliseconds

TV FORMATS
1080p, 1080i, 720p, 720i, 480p, 480i

CONNECTIONS

RF
Antenna/CATV (ATSC/QAM/NTSC) x1

HDMI
HDMI™ Input x2

VIDEO COMPOSITE
S-Video x1 and Composite Video x1, L/R Audio
Inputs x1

VIDEO COMPONENT
YPbPr plus Stereo Audio x2

PC
15-pin D-sub VGA plus Stereo Audio

CONTROL SET
RS232 Serial, Discrete IR Control, Concealed IR
Window

AUDIO OUT
Digital SPDIF Audio(fixed) Analog 1/8"
headphone jack (variable)

SPEAKERS
20 WATT detachable speaker module (optional)

INPUT POWER
100-240 VAC, 50-60 Hz 2.0 A Max (0.5 A @ 120V)

TOUCH INTERFACE
USB TYPE B Connector. USB Cable not included.

TEMPERATURE TOLERANCES

OPERATING TEMP
-40° to 122° F. (-40° to 50°C.)

NON-OP. TEMP
-40° to 140° F. (-40° to 60°C.)

(OFF MODE WITH POWER APPLIED)
The non-operating temperature feature requires power to be applied.

PHYSICAL SPECS

ACCESSORIES INCLUDED
Weatherproof remote control

EXTERIOR
Powder-coated aluminum.

EXTERIOR COLORS
Black, Silver

TV DIMENSIONS
32.07"W x 20.02"H (22.12"H with
optional speaker) x 6.29"D

TV WEIGHT
41.0 lbs (45.0 lbs with optional speaker
module)

SHIPPING DIMENSIONS
37.0"W x 32.0"H x 12.0"D

SHIPPING WEIGHT
59.0 lbs

RESIDENTIAL WARRANTY
Two-year parts and labor.

COMMERCIAL WARRANTY
Two-year parts and labor.

SPECIFICATIONS

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REVISIONS

CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SHEET TITLE

**SunBrite
Digital Screen**

SHEET NO.

F.14

REV 08.28.2014



DESIGNER SERIES

Architectural Resins

DESIGNER LIGHTBLOCKS- Transparent Color

Our original and unique custom, hand applied back-colored resins used in applications that require exact color matches or a transparent or translucent clarity. These products all come with a protective backer laminated to the back surface to protect the color layer during installation and provide an affordable, fast custom product to meet your exacting vision. Product categories include: Studio Standards, and Designer Custom. Custom colors can be made in varying transparency.

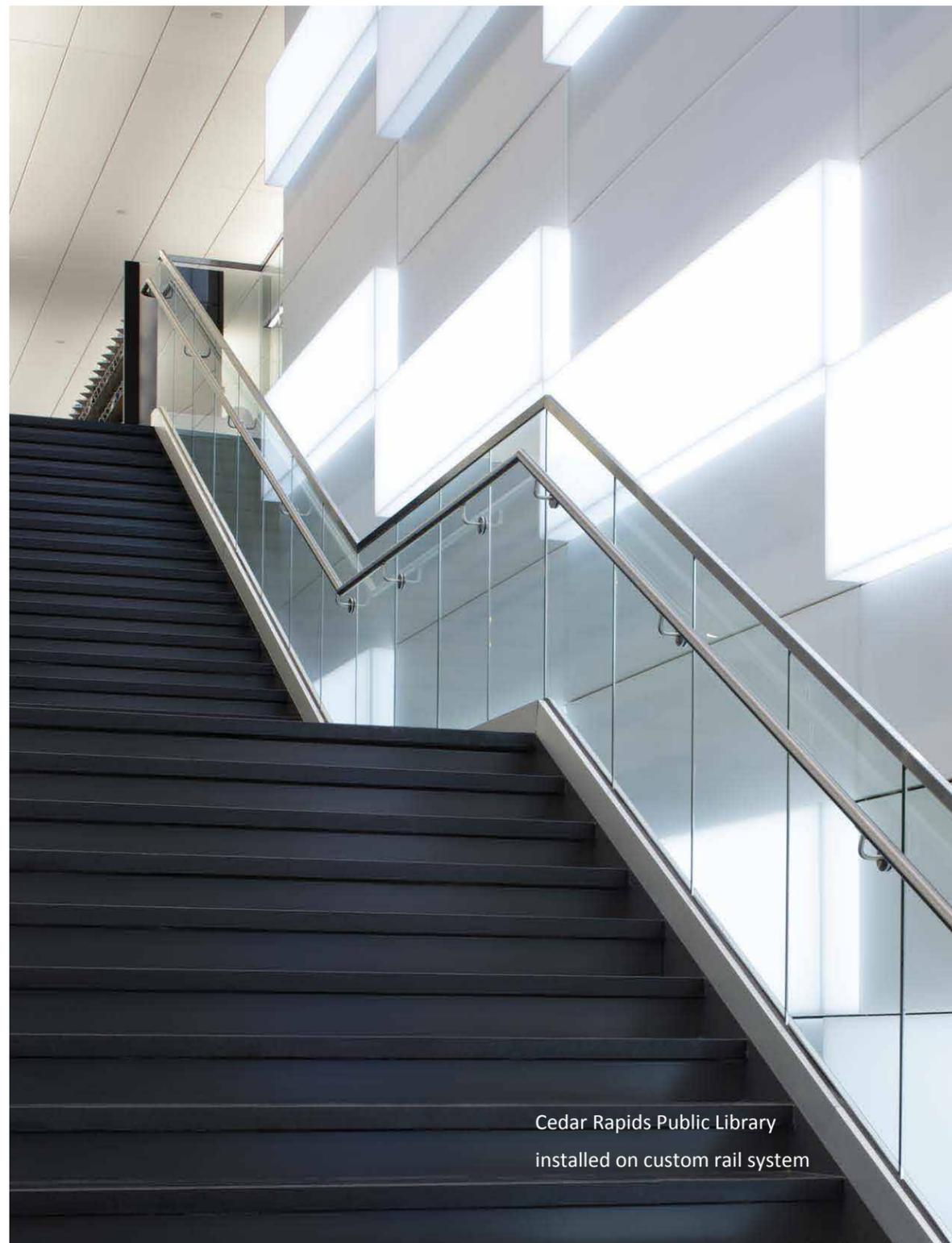
Just some characteristics of our Designer Lightblocks are:

- *Standard Color Offering
- * Custom Color and Transparency Offering
- * Digitally Printed Standard or Custom Images
- *100% renewable finish
- * UV Resistant– won't fade or yellow / Indoor—Outdoor Material
- * Formable
- * Custom Fabrication Details
- * Illuminate with Back Lighting
- *100% recyclable
- * Fire Rated Selections Available

Consider Designer Lightblocks for these applications and many more:

- | | | |
|-------------------|----------------|-----------------|
| *Wall Panels | *Room Dividers | *Ceiling Panels |
| *Transaction Tops | *Signs | *Lit Boxes |
| *Lit Bar tops | *Displays | *Door Inserts |

164 Burke St Nashua, NH 03060 p. 603.889.1115 Lightblocks.com



Cedar Rapids Public Library
installed on custom rail system

SPECIFICATIONS

NOTES:

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

ENVIRONMENTS & EXPERIENCES

merJe

120 North Church Street
Suite 208
West Chester, PA 19380
T 484.266.0648
www.merjedesign.com

DATE 7-5-17

DRAWN BY: LH

These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.

REVISIONS

CLIENT / PROJECT

City of Eugene
Wayfinding and Signage System
Pedestrian

PROJECT NO.

SHEET TITLE

**Light Blocks
Acrylic**

SHEET NO.

F.15