

# **Village of Ellenville Town of Wawarsing, NY**

Wayfinding and Signage System

**DESIGN INTENT DRAWINGS - FINAL**

October 19, 2020

merJe  
ENVIRONMENTS & EXPERIENCES

120 North Church Street

Suite 208

West Chester, PA 19380

T 484.266.0648

[www.merjedesign.com](http://www.merjedesign.com)

**DESIGN CRITERIA:**

**Location:**

Ellenville & Wawarsing, NY

**Design Codes:**

2018 NCSBC

NYSDOT Design Standards

**Wind Design Data:**

Ultimate Design Wind Speed,  $V_{ult} = 115$  mph

Nominal Design Wind Speed,  $V_{asd} = 89.1$  mph

Risk Category = II

Wind Exposure "C"

**GENERAL NOTES:**

1. All work to be done within existing government owned rights of way.
2. Concrete Compressive Strength,  $f'_c=4000$  PSI., MIN. Special inspection not required.
3. Bolt Steel - Stainless steel type 316 - All hardware to be tamper proof.
4. All Steel Poles to be made from ASTM A53 Grade B Steel ( $F_y= 35$  KSI)
5. All Aluminum members to have alloy type 6061-T6. Weld filler to be 4043.
6. Sign Cabinets shall be fabricated in the shop of an approved fabricator.
7. Allowable soil bearing pressures based on 2018 NCSBC Class 4 material or better. Special inspection not required. (If soft or sandy soil, collapsing or unstable soil, organic materials or groundwater are encountered, immediately contact the engineer of record for additional foundation requirements.)
8. Calculations of sign area based on worst case load to 1 of 2 poles.
9. Anchor bolts ASTM F1554 Grade 36, U.N.O.
10. Reinforcing steel ASTM A615, Grade 60.
11. Provide 3" min. clear concrete cover for all steel embedded in concrete footing unless noted otherwise.
12. Aluminum welding to conform to AWS D1.2 / D1.2H: 2008 Structural welding code: Aluminum.
13. Sign Installer shall field verify that the site conditions are consistent with these drawings prior to sign installation. Notify engineer of record immediately if site conditions vary from these drawings.
14. Provide protective coating for all steel to be in contact with earth.
15. Provide isolation of dissimilar materials including a protective coating for all aluminum to be in contact with concrete and for all aluminum to be in contact with steel.
16. Provide slope away from base of pole and anchorage.
17. TRANSPO Break-Safe and Pole-Safe support systems shall be installed per manufacturers specifications.
18. Capacities for TRANSPO Break-Safe and Pole-Safe support systems per manufacturer supplied technical data.
19. The project fabricator is responsible for providing shop drawings prior to fabrication for review and approval by the Design Team and Project Engineer. If the fabricator's shop drawings propose means or methods that deviate from the materials, products, processes, construction details or installation methods identified in these design intent drawings, the fabricator shall have their Shop Drawing signed and sealed by a professional engineer licensed in the State of North Carolina. Use of these design intent drawings as a basis for design for the fabricator Shop Drawings does not relinquish the fabricator from constructing the signs to the level of quality and structural integrity necessary for the projects location.

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**A** | Graphic Standards

# Clearview Highway

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

**D o w n t o w n**

NOT acceptable

**123A**

acceptable

**123A**

NOT acceptable

**1 2 3 A**

NOT 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.

**Trirong Black**

’ This apostrophe is CORRECT.  
**PARK’S**

’ This apostrophe is INCORRECT.  
**PARK’S**

**SPECIFICATIONS**

Clearview Hwy 2W typeface is the legend font for the following Community Wayfinding Signs

**NOTES**

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CLIENT / PROJECT

**ELLENVILLE & WAWARSING, NY**

Design Intent Documentation

PROJECT NO.

SUBCONSULTANT

DATE 05/27/20

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.

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SHEET TITLE

**T1  
Typography  
Specifications**

SHEET NO.

**A.1**

**Trirong Black**

**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

*Tritong Medium Italic*

*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

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.

**Trirong Black**

’ This apostrophe is CORRECT.  
**PARK’S**

” This apostrophe is INCORRECT.  
**PARK’S**

**SPECIFICATIONS**

Univers 65 Bold typeface is the header font for the following signs

Univers 55 Roman typeface is the header font for the following signs

**NOTES**

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SHEET TITLE

**T2 & T3  
Typography  
Specifications**

SHEET NO.

**A.2**

# Gotham 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

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.

### Trirong Black

’ This apostrophe is CORRECT.  
**PARK’S**

” This apostrophe is INCORRECT.  
**PARK'S**

## SPECIFICATIONS

Ashbury Light typeface is the header font for the following signs

## NOTES

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SHEET TITLE

**T4  
Typography  
Specifications**

SHEET NO.

**A.3**

**LETTER-SPACING**

Inconsistencies in Letter Spacing

TYPEFACE 1

Ellenv

Corrected Letter Spacing

TYPEFACE 1

Ellenvil

TYPEFACE 2

Ellen

TYPEFACE 2

Ellen

**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**

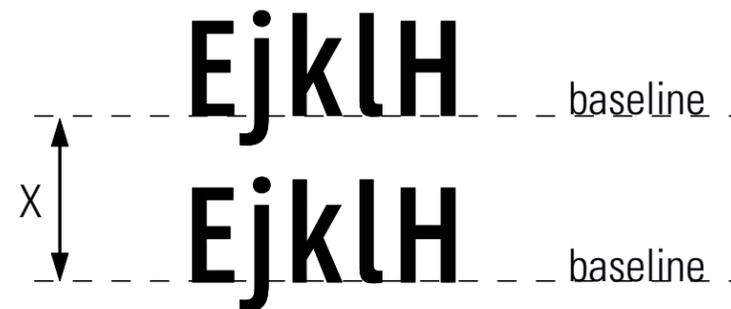
**COPY HEIGHT**

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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SHEET TITLE

**Typography Specifications**

SHEET NO.

**A.4**

## PICTOGRAPH

Utilized in Vehicular signage



Public Parking



Pedestrian Trail



Bike Trail



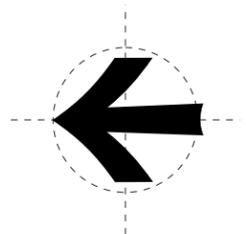
Post Office



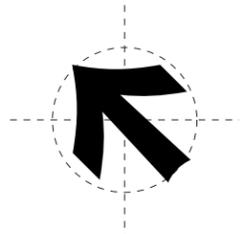
Post Office

## ARROWS

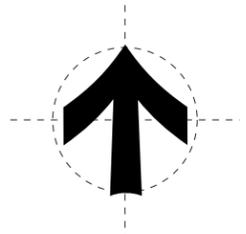
Utilized in Vehicular & Pedestrian Directional signage



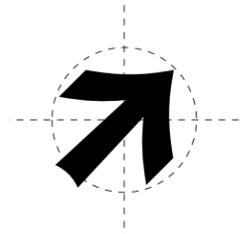
Left Arrow



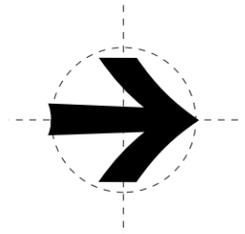
Up-Left Arrow



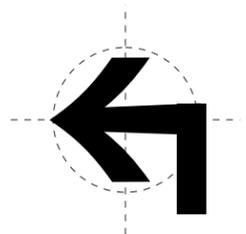
Straight Arrow



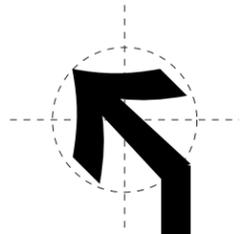
Up-Right Arrow



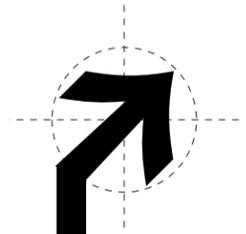
Right Arrow



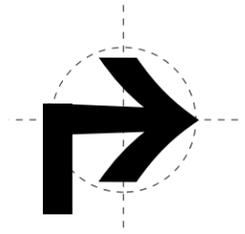
Straight-Left Arrow



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!**

## NOTES

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SHEET TITLE

**ENHANCEMENT MARKER  
PICTOGRAPH  
ARROWS**

SHEET NO.

**A.5**

P PAINTS	NAME	SPECIFICATION	PROCESS
P1	 White	To match Matthews Paint MP 11477	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P2	 Blue	To match Pantone® 330 C	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P3	 Light Blue	To match Pantone® 5487 C	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P4	 Green	To match Pantone® 377 C	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P5	 Dark Gray	To match Pantone® 447 C	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P6	 Light Gray	To match Pantone® 445 C	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P7	 Dark Steel	Matthews Paint 56389	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P8	 Black	To match Pantone® Black C	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P9	 Brown	To match Pantone® 4635 C	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P10	 Light Brown	To match Pantone® 4645 C	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.
P11	 Light Green	To match Pantone® 377 C	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish.

M MATERIALS	NAME	SPECIFICATION	PROCESS
M1	 Wood	Aluminum Dye-Sub Print - Faux Wood	Aluminum panel with Dye-Sub Print graphics
M2	 Dye-Sub Print	Aluminum Dye-Sub Print	Aluminum panel with Dye-Sub Print graphics
M3	 Stone	Stacked Stone	
M4	 Concrete	Preformed Concrete	
M5	 Stone	Local Stone TBD	

**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 Ellenville & Wawarsing, NY Wayfinding Signage. All media, vinyl, paint, and inks must be produced so that the colors match as specified on this page.

**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 non-corrosive 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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DATE 05/27/20	DRAWN BY: LH	<b>Paint, Vinyl &amp; Materials Chart</b>
<small>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.</small>		
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		<b>A.6</b>

R REFLECTIVE VINYL	NAME	SPECIFICATION	APPLICABLE	PROCESS
R1		White 3M High Intensity Prismatic Reflective Sheeting 3930 Color: Pantone® 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		Blue 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: Pantone® 330 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		Light Blue 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: Pantone® 5487 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		Green 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: Pantone® 377 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.
R5		Dark Gray 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: Pantone® 447 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.
R6		Light Gray 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: Pantone® 445 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.</p> <p>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		Black 3M Scotchcal ElectroCut Opaque Vinyl Film Color Match: Black	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**

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**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 non-corrosive 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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REVISIONS 10/19/20		SHEET NO.
		<b>A.7</b>

**4" Vehicular Terminologies**

3'-4" Vehicular Panel Width

GOVERNMENT

Ellenville Village Office

Town Hall

Post Office

Chamber of Commerce

ATTRACTIONS

Shadowland Stage

Mountain Wings\*

Ellenville Flight Park\*

Wawarsing Hist Society and Knife Museum

EDUCATION

ARC

Library/ Museum

Ellenville Central School

Kerhonkson Elementary School

TRANSPORTATION/PARKING

Joseph Y Resnick Airport

Liberty Square **P**

Center Street Lot **P**

Town Hall Lot **P**

AGRI-TOURISM

New Paltz Brewing Co\*

Rustic Ridge View Farms\*

VISITOR SERVICES

Ellenville Reg Hospital **H**

Honor's Haven Resort & Spa\*

Skyway Camping Resort\*

PARKS & RECREATION

Berme Road Park

Ellenville Pool

Ellenville Little League

Stoeckeler Park & Golf Course

Kanfer Park

Kerhonkson Pool

Lippman Park

Mill Street Park

Minnewaska Park Preserve

O&W Rail Trail

Sam's Point Area

Shawangunk Ridge Forest

Stony Kill Falls

The Mine Hole Trail

PARKS & RECREATION - No Official Parking

North Gully Falls

DISTRICTS

Restaurant Row

Downtown Ellenville

\* PRIVATE BUSINESS NOT TYPICALLY DIRECTED TO

**SPECIFICATIONS**

- NOTES**
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  3. Hardware: All exposed hardware shall be non-corrosive tamper proof fasteners.
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SUBCONSULTANT		PROJECT NO.
DATE 05/27/20	DRAWN BY: LH	SHEET TITLE  <b>Terminology Layouts</b>
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## **B** | Placement Guidelines

Figure 1

Sign A: VEHICULAR DIRECTIONAL

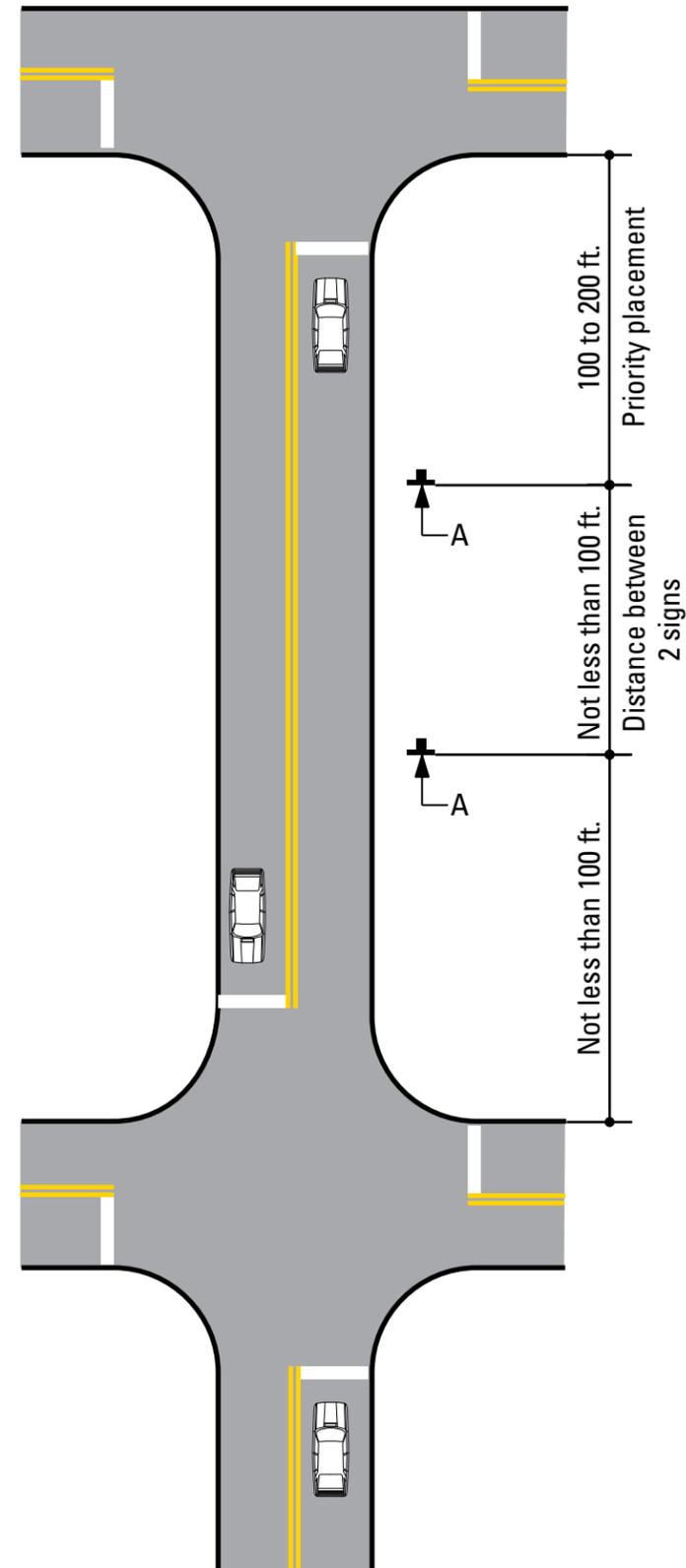
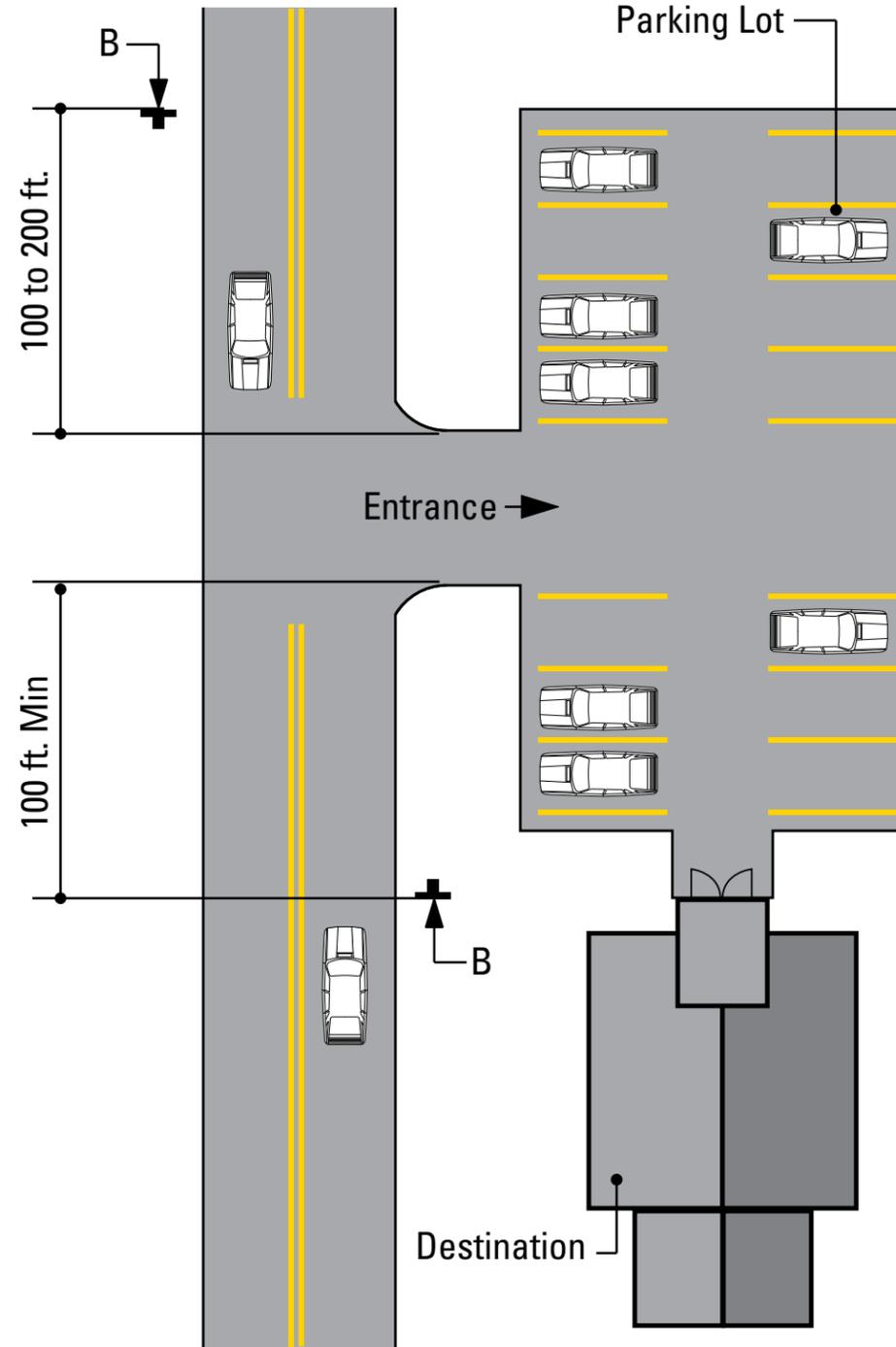


Figure 2

Sign B: IDENTIFICATION



**SPECIFICATIONS**

**FIGURE 1 - Vehicular Directional - Sign Placement Guideline**  
**FIGURE 2 - Destination Arrival or Parking Identification - Sign Placement Guideline**

Unless approved by the Client or its designated agent, all signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs shall be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts within the city's right-of-way.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Wayfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.

(c) Wayfinding Signs shall be positioned in such a manner that does not restrict driver's attention or view when making turns or driving through an intersection.

(d) There shall be a goal of one sign per block, although two are permissible, where necessary.

The following pages illustrate installation guidelines for the location and spacing of the various sign types. Figures 1 through 5 represent the guidelines for the location of the various sign types, while Figure 6 illustrates the lateral clearance guidelines.

**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 non-corrosive tamper proof fasteners.
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Figure 3

Sign C: VEHICULAR DIRECTIONAL

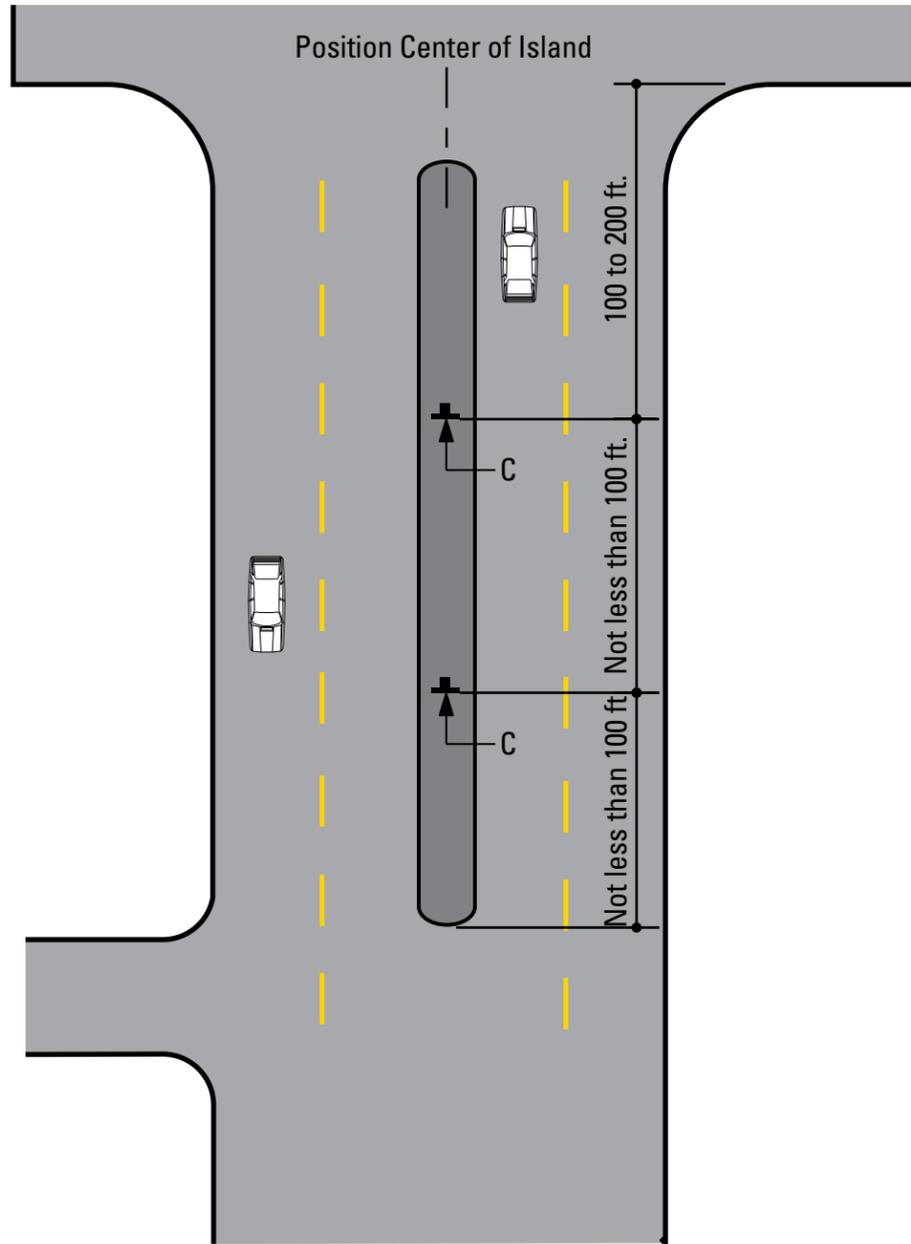
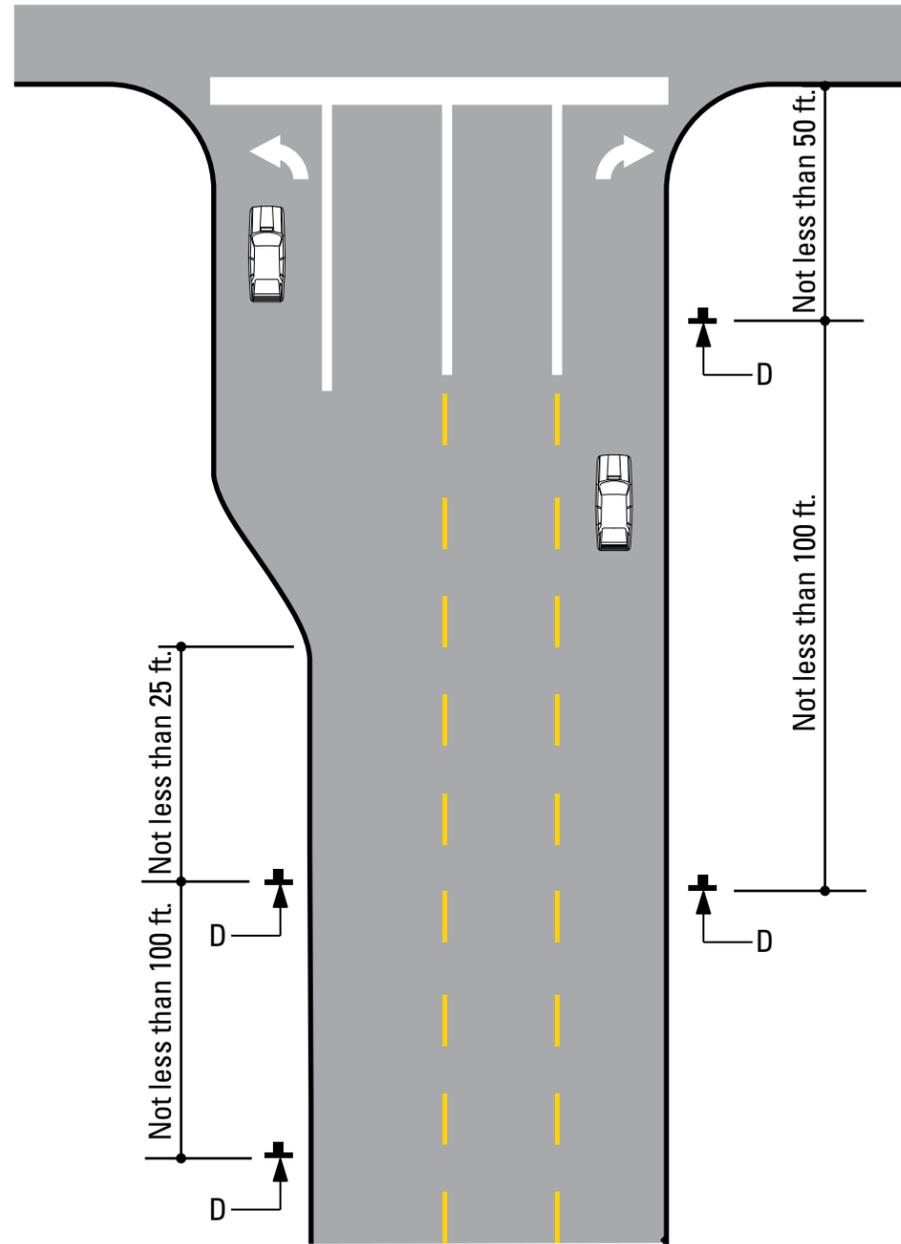


Figure 4

Sign D: VEHICULAR DIRECTIONAL



**SPECIFICATIONS**

**FIGURE 3 - Vehicular Directional - Sign Placement Guideline**  
**FIGURE 4 - Vehicular Directional - Sign Placement Guideline**

Unless approved by the Client or its designated agent, all signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs shall be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts within the city's right-of-way.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Wayfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.

(c) Wayfinding Signs shall be positioned in such a manner that does not restrict driver's attention or view when making turns or driving through an intersection.

(d) There shall be a goal of one sign per block, although two are permissible, where necessary.

The following pages illustrate installation guidelines for the location and spacing of the various sign types. Figures 1 through 5 represent the guidelines for the location of the various sign types, while Figure 6 illustrates the lateral clearance guidelines.

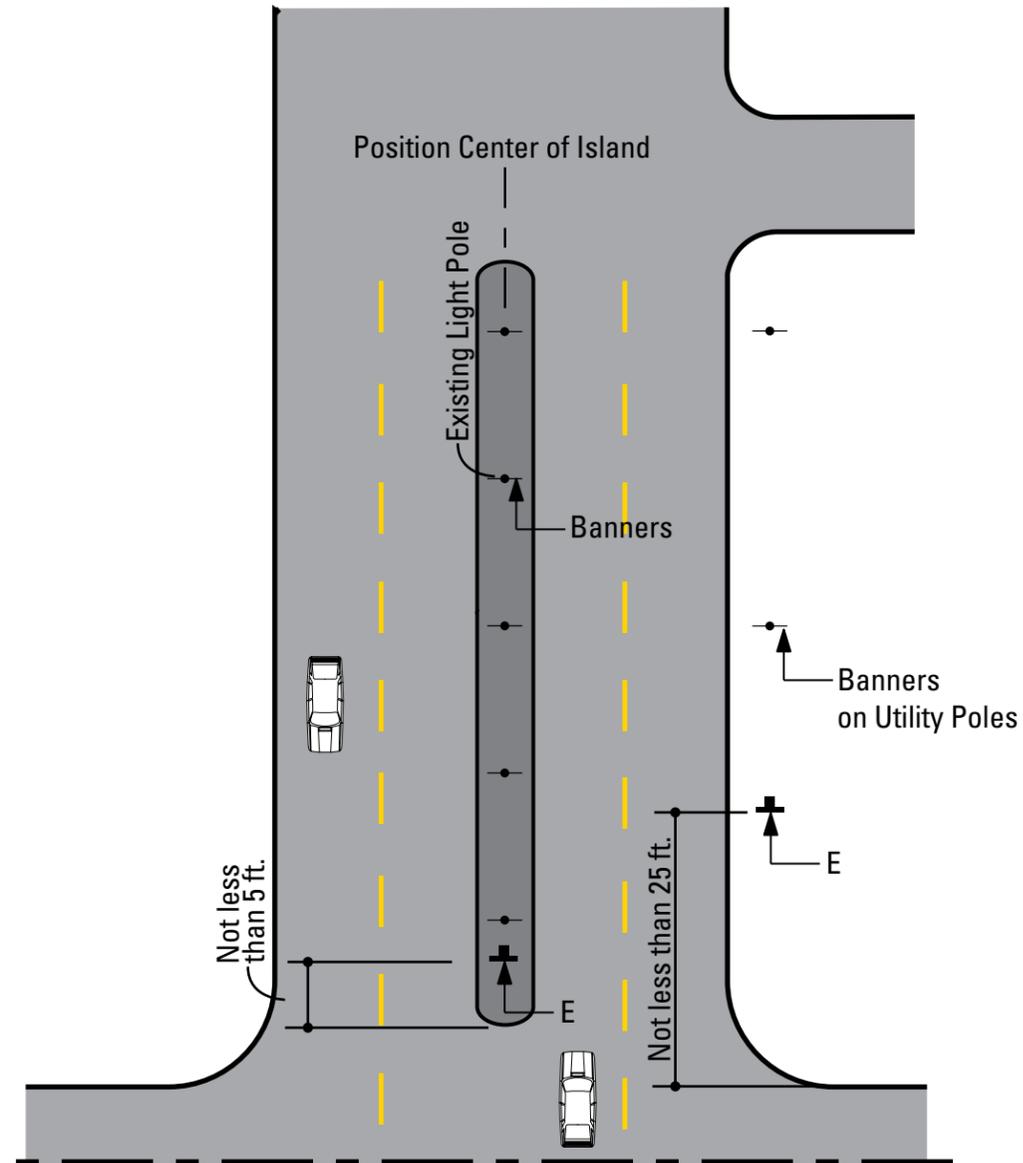
**NOTES**

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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 non-corrosive 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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Figure 5

Sign E: GATEWAY or DISTRICT



**SPECIFICATIONS**

**FIGURE 5 - Gateway/District Arrival-Vehicular - Sign Placement Guideline**

Unless approved by the Client or its designated agent, all signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs shall be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts within the city's right-of-way.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Wayfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.

(c) Wayfinding Signs shall be positioned in such a manner that does not restrict driver's attention or view when making turns or driving through an intersection.

(d) There shall be a goal of one sign per block, although two are permissible, where necessary.

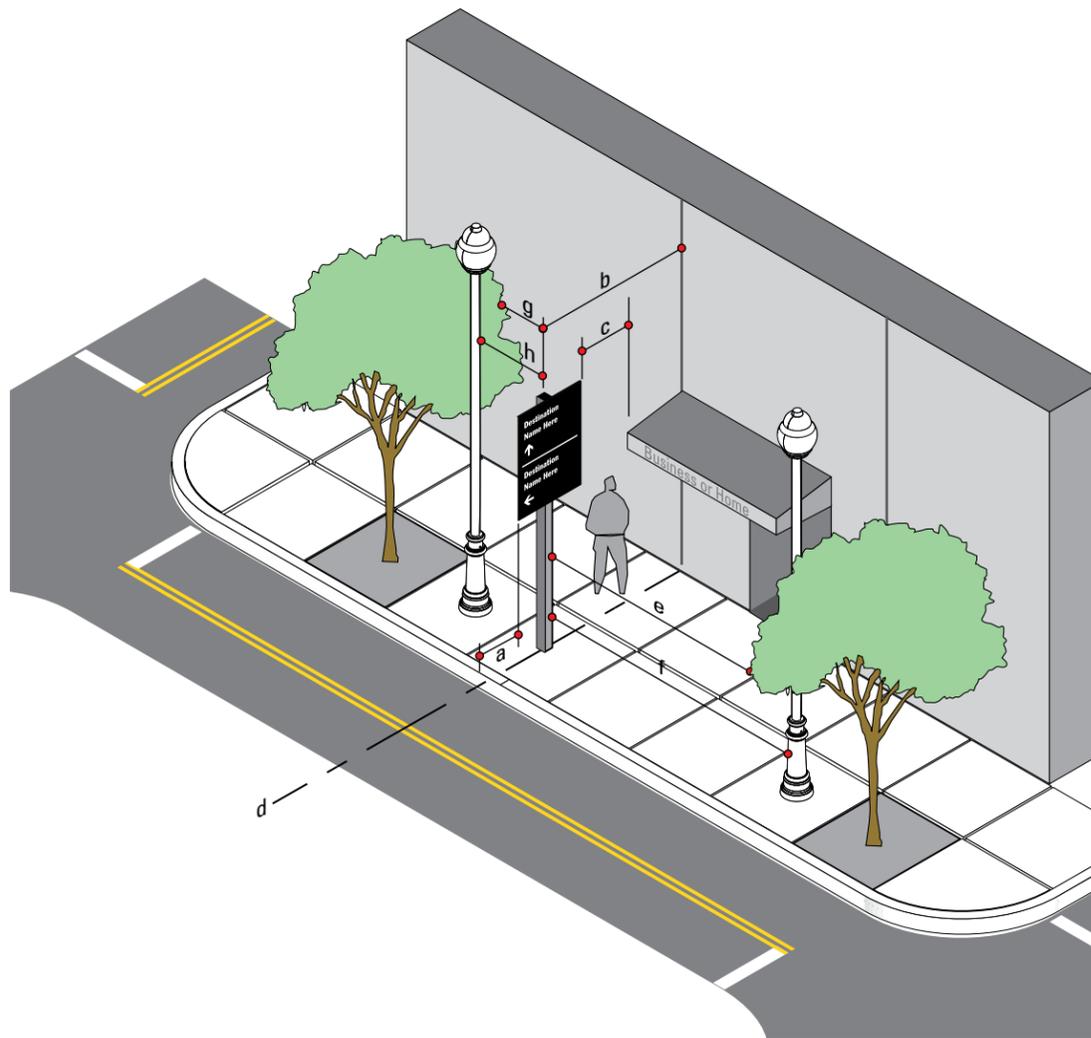
The following pages illustrate installation guidelines for the location and spacing of the various sign types. Figures 1 through 5 represent the guidelines for the location of the various sign types, while Figure 6 illustrates the lateral clearance guidelines.

**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 non-corrosive tamper proof fasteners.
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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 areas of the Ellenville & Wawarsing, NY Wayfinding Program, 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**

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 non-corrosive tamper proof fasteners.
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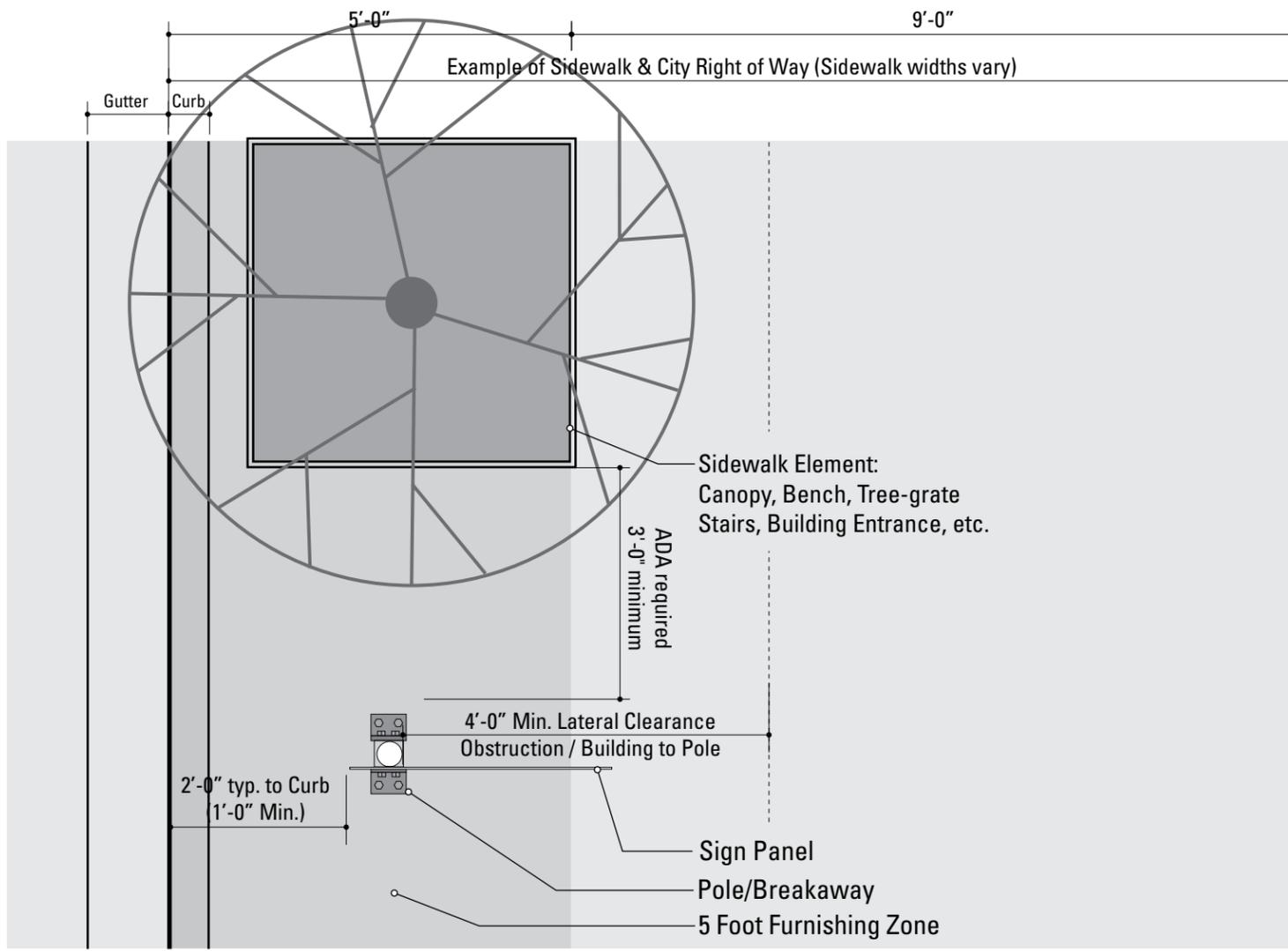
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SHEET TITLE

**Sign Placement Guidelines**

SHEET NO.

**B.4**



**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

**Figure 1**  
 Not to Scale

Unless approved by the Client or its designated agent, all signs shall be installed to the right of the direction of traffic and where sufficient space is available.

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(c) Wayfinding Signs shall be positioned in such a manner that does not restrict driver's attention or view when making turns or driving through an intersection.

(d) There shall be a goal of one sign per block, although two are permissible, where necessary.

The following pages illustrate installation guidelines for the location and spacing of the various sign types and the lateral clearance guidelines.

**SPECIFICATIONS**

**FIGURE 1 - Lateral Clearance Guidelines**

Within some of the areas, urban conditions and narrow sidewalks may cause deviation from the DOT standards. Conditions may include less lateral clearance for the 2'-0" or 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.

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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.

**General Note:**  
 When Traffic Regulatory Signs are Located in the vicinity of a community wayfinding sign, the community wayfinding sign shall be placed a minimum of 10" from the traffic regulatory sign and shall not obscure the sign per MUTCD Section 2D.50.

**NOTES**

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**SECTION 2** | Signage Drawings

**c** | Sign Menu



Existing Sign to Retro-Fit



GATE.1  
Primary Town / Village Gateway



GATE.2  
Primary Town / Village Gateway



GATE.3  
Town / Village Gateway



GATE.4  
Village Gateway  
(Retro-Fit)

**SPECIFICATIONS**

**MENU OF SIGN TYPES**  
Gateways

**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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Design Intent Documentation

PROJECT NO.

SHEET TITLE

**Sign Menu Gateways**

SHEET NO.

**C.1**



RES.1.1  
Residential  
Vehicular Directional

RES.2.1  
Residential  
Vehicular Directional

RES.3.1  
Residential  
Vehicular Directional



VDIR.1  
Vehicular Directional

VDIR.2  
Vehicular Directional

VDIR.3  
Vehicular Directional

VDIR.4  
Vehicular Directional

VDIR.5  
Vehicular Directional

VDIR.6  
Vehicular Directional

**SPECIFICATIONS**

**MENU OF SIGN TYPES**  
Vehicular

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PROJECT NO.

SHEET TITLE

**Sign Menu Vehicular**

SHEET NO.

**SPECIFICATIONS**

**MENU OF SIGN TYPES**  
Pedestrian  
Parking



PARK.1.1 Parking Trailblazer      PARK.2.2 Parking Trailblazer (Mount to Existing Pole)      PARK.2 Paring Lot ID      PDIR.1.1 Pedestrian Directional      PDIR.2.2 Pedestrian Directional (Mount to Existing Pole)      TRAIL.1 Bike Trail Access      TRAIL.2 Trail Access      TDIR.1 Trail Directional      INTERP.1 Interpretive Story

- NOTES:**
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REVISIONS	10/19/20	PROJECT NO.
		SHEET TITLE
		<p><b>Sign Menu Pedestrian &amp; Parking</b></p>
		SHEET NO.
		<b>C.3</b>

**SPECIFICATIONS**

**NOTES:**

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PROJECT NO.

SHEET TITLE

**Sign Menu Parks**

REVISIONS 10/19/20

SHEET NO.

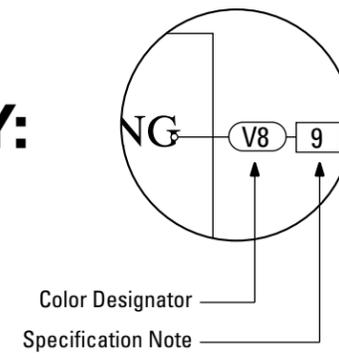
**C.4**



PARK.ID.1  
Park Identification

PARK.ID.1A  
Park Identification  
Retro- Fit Existing Sign

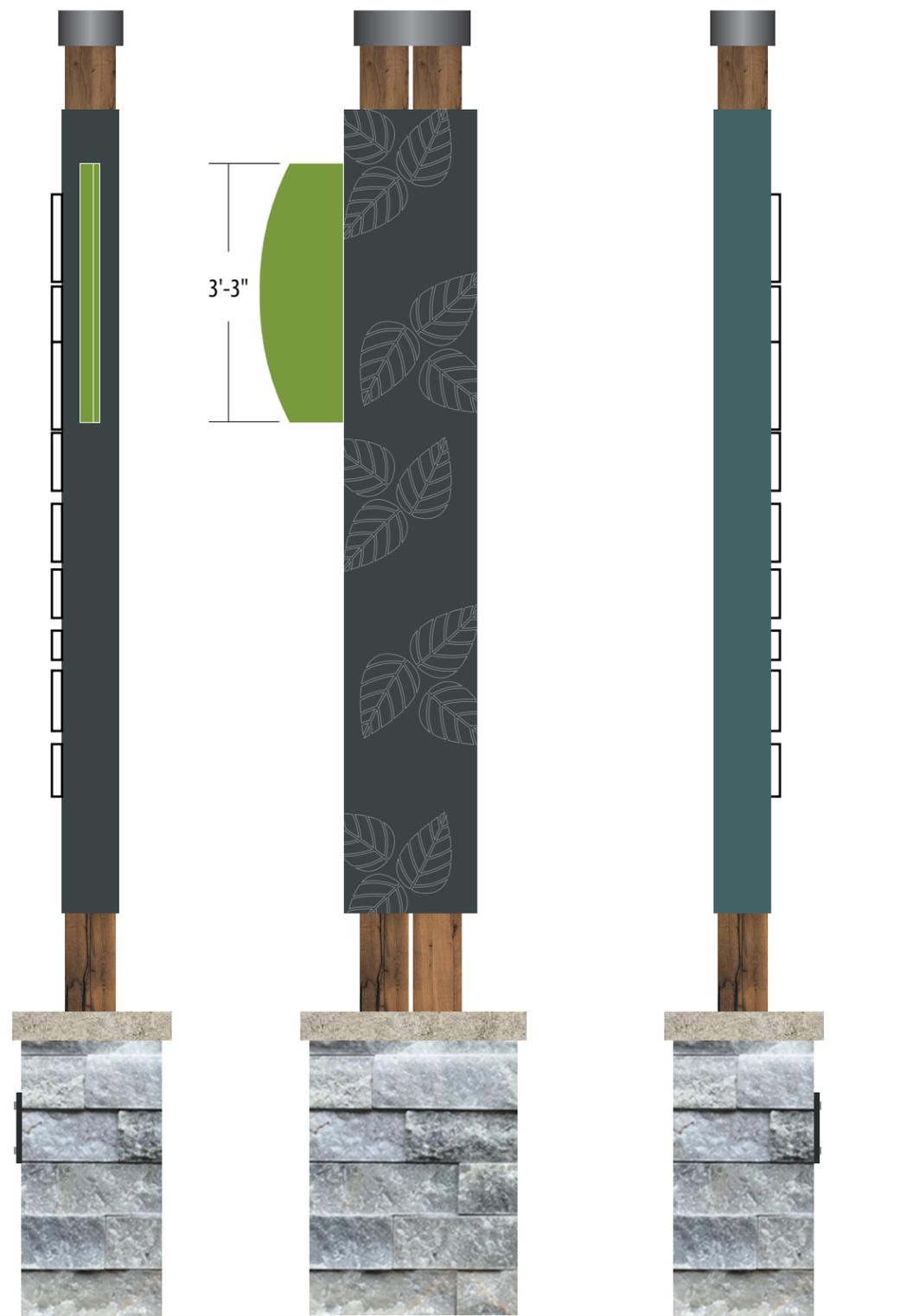
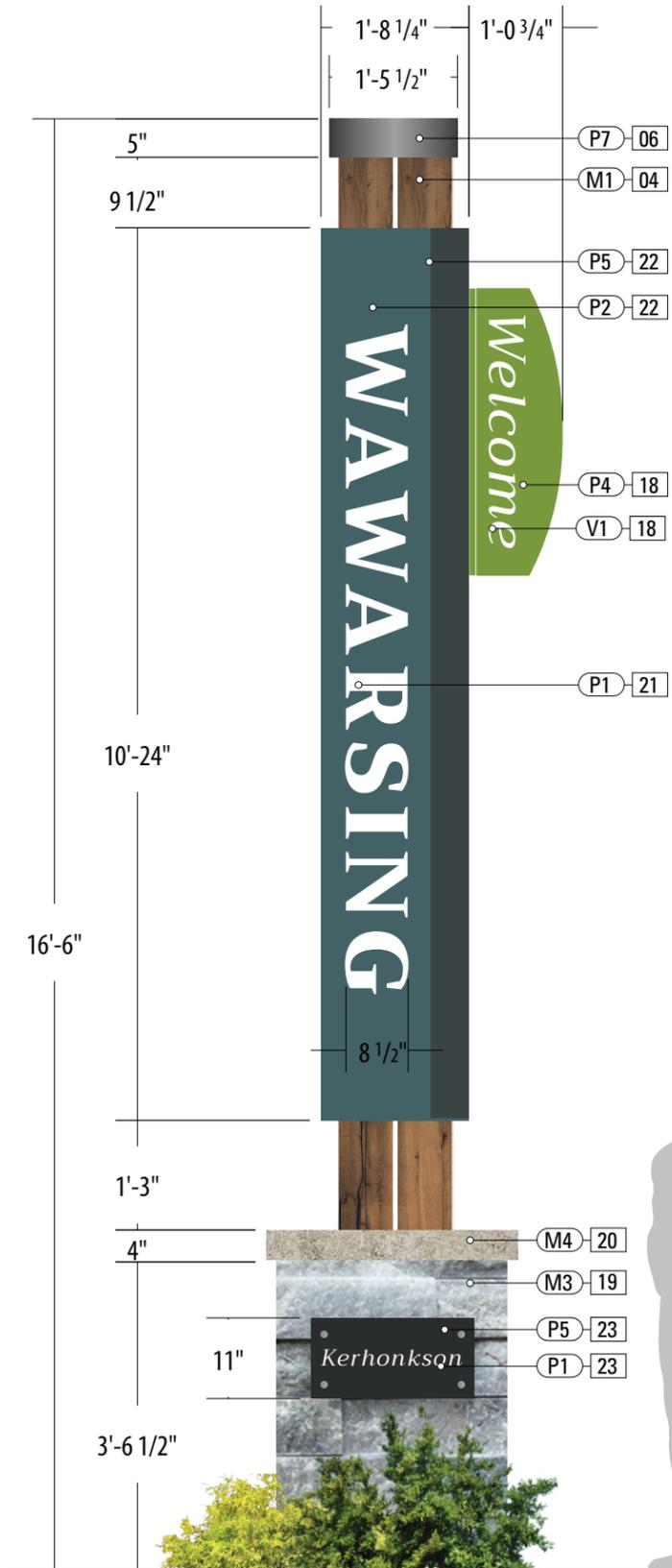
**KEY:**



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



- 04. DECORATIVE "WOOD" POST**  
 MATERIAL: 7" x 7" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet  
 FABRICATION PROCESS: Extruded  
 EDGES: Smooth  
 COLOR: Custom, as noted  
 GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material specifications)
- 06. POST CAP**  
 MATERIAL: Custom Cast Aluminum Finial  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
 FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.
- 18. 1/4" SIGN PANEL**  
 MATERIAL: 1/4" thick Aluminum sheet  
 FABRICATION PROCESS: Router Cut, break-formed  
 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: Press-roll per 3M requirements. Mechanically fasten to sign cabinet.
- 19. STACKED STONE**  
 MATERIAL: Partition cinderblock core and stone facade, chosen by client  
 FOOTER: Internal Support attaches to footer below grade.
- 20. CONCRETE CAP**  
 MATERIAL: Formed concrete  
 FABRICATION PROCESS: Formed concrete  
 CONCRETE CAP/ BASE FASTENER: Mortar.  
 FOOTER: Internal Support attaches to footer below grade.
- 21. CUT LETTERS**  
 MATERIAL: 3" Reverse Channel Aluminum Letters  
 FABRICATION PROCESS: Fabricated  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
 FASTENER: Pin-mount flush to sign cabinet
- 22. SIGN CABINET**  
 MATERIAL: Custom Fabricated Aluminum Sign Cabinet. (Aluminum Tube + Sheet)  
 FABRICATION PROCESS: Fabricated  
 EDGES: Square, Smooth  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
 FASTENER: Mechanically fastened to support posts
- 23. 1/4" SIGN PANEL**  
 MATERIAL: 1/4" thick 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: Press-roll per 3M requirements. Mechanically fasten to stone base.

- 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 non-corrosive 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  <b>ELLENVILLE &amp; WAWARSING, NY</b>  Design Intent Documentation
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		PROJECT NO.
SUBCONSULTANT		SHEET TITLE  <b>GATE.1</b> <b>Town/Village Gateway</b>
DATE      05/27/20	DRAWN BY:      LH	SHEET NO.
REVISIONS      10/19/20		
<small>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.</small>		<b>D.1</b>



**4** Top View: GATE.2  
SCALE: 3/8" = 1'-0"



**1** Front View: GATE.2  
SCALE: 3/8" = 1'-0"



**2** Side View: GATE.2  
SCALE: 3/8" = 1'-0"



**3** Back View: GATE.2  
SCALE: 3/8" = 1'-0"

**04. DECORATIVE "WOOD" POST**  
MATERIAL: 7" x 7" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
Ref. Material Spec. - M2  
(See Color Sheet for all color and material specifications)

**06. POST CAP**  
MATERIAL: Custom Cast Aluminum Finial  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.

**18. 1/4" SIGN PANEL**  
MATERIAL: 1/4" thick 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.  
FASTENER: Press-roll per 3M requirements. Mechanically fasten to sign cabinet.

**19. STACKED STONE**  
MATERIAL: Partition cinderblock core and stone facade, chosen by client  
FOOTER: Internal Support attaches to footer below grade.

**20. CONCRETE CAP**  
MATERIAL: Formed concrete  
FABRICATION PROCESS: Formed concrete  
CONCRETE CAP/ BASE FASTENER: Mortar.  
FOOTER: Internal Support attaches to footer below grade.

**21. CUT LETTERS**  
MATERIAL: 1" Cut Aluminum Letters  
FABRICATION PROCESS: Fabricated  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
FASTENER: Pin-mount flush to sign cabinet

**23. 1/4" SIGN PANEL**  
MATERIAL: 1/4" thick 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: Press-roll per 3M requirements. Mechanically fasten to stone base.

**24. SUPPORT BAR**  
MATERIAL: 4 1/2" x 2" thick Aluminum Extrusion  
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 post.

**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 non-corrosive 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

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CLIENT / PROJECT

**ELLENVILLE & WAWARSING, NY**  
Design Intent Documentation

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 05/27/20

DRAWN BY: LH

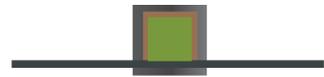
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions 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 10/19/20

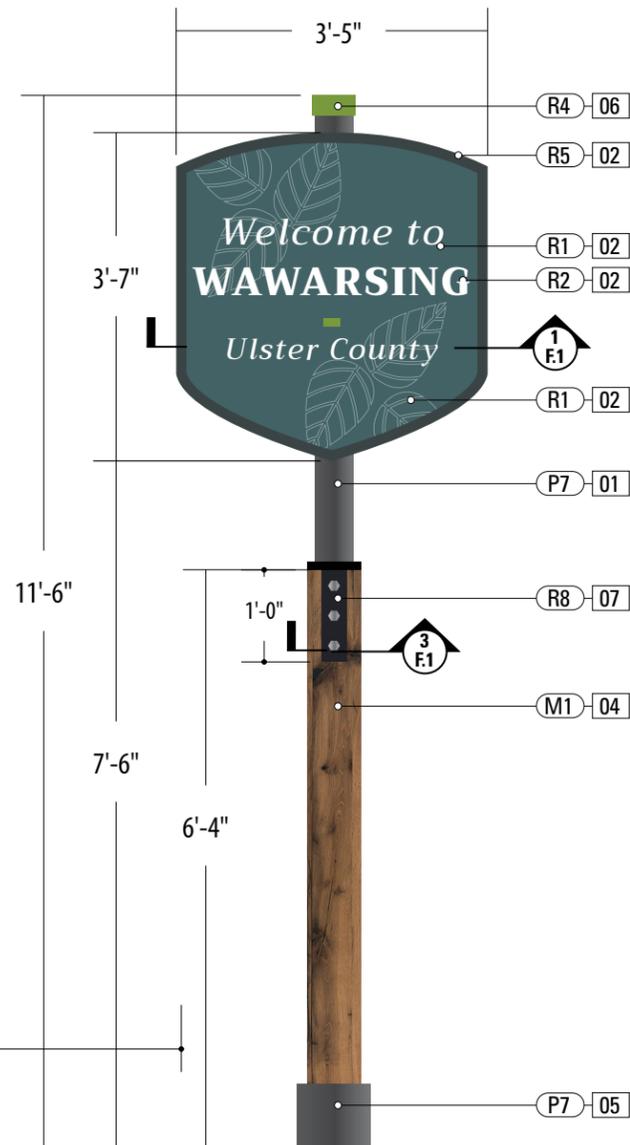
**GATE.2**  
**Secondary Gateway**

SHEET NO.

**D.2**



**4** Top View: GATE.3  
SCALE: 1/2" = 1'-0"



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



**2** Side View: GATE.3  
SCALE: 1/2" = 1'-0"



**3** Back View: GATE.3  
SCALE: 1/2" = 1'-0"

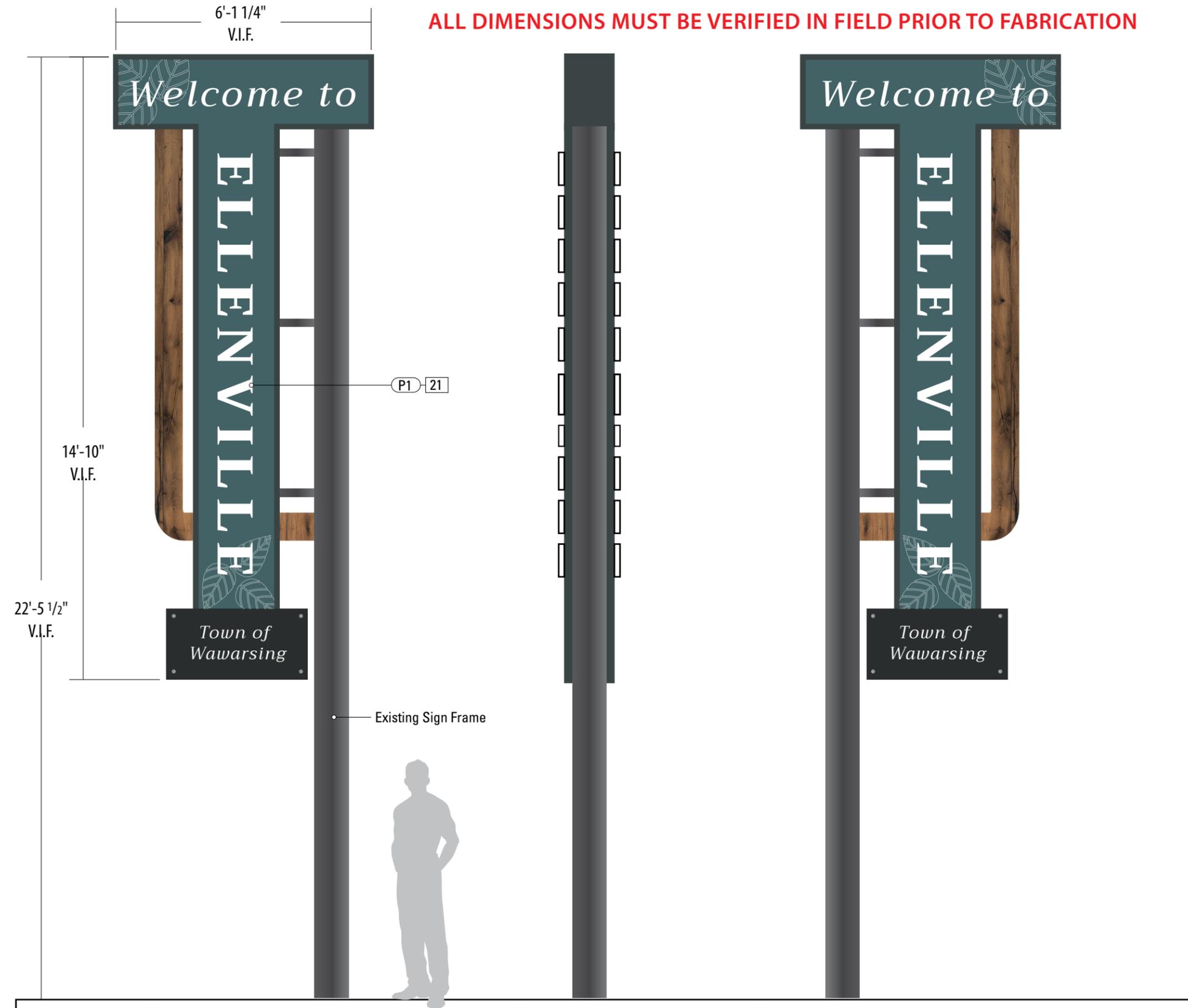
**SPECIFICATIONS**      **SIGN TYPE:** GATE.3      **FUNCTION:** Gateway

- 01. SUPPORT POST**  
MATERIAL: 5" x 5" Aluminum Square Post (.25 wall)  
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: As per Transpo breakaway specs.
- 02. 1/4" SIGN PANEL - REFLECTIVE FRONT**  
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. Cont. Weld back of sign to sleeve  
EDGE & BACK DETAIL: Paint all edges and back with Matthews Acrylic Polyurethane, with clear coat satin finish.
- 03. SLEEVE / BRACKET**  
MATERIAL: Aluminum U-channel (.1875" wall)  
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: Mechanically fastened to pole, Tamper-resistant hardware.
- 04. DECORATIVE "WOOD" POST**  
MATERIAL: 7" x 7" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
Ref. Material Spec. - M2  
(See Color Sheet for all color and material specifications)
- 05. DECORATIVE BASE**  
MATERIAL: Custom 2-Piece Clamshell Cast Aluminum Base  
EDGES: Smooth  
COLOR: Custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
**Fabricator must ensure break-away footer will fit inside base**
- 06. POST CAP**  
MATERIAL: Custom Cast Aluminum Finial  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.
- 07. POST BRACKET**  
MATERIAL: Custom Aluminum Bracket  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.
- 50. BREAKAWAY FOOTER**  
FOOTER: The Transpo® break-away system, according to specifications per PENNDOT.

- 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 non-corrosive 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  <b>ELLENVILLE &amp; WAWARSING, NY</b>  Design Intent Documentation
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		PROJECT NO.
SUBCONSULTANT		SHEET TITLE  <b>GATE.3 Town / Village Gateway</b>
DATE      05/27/20	DRAWN BY:      LH	SHEET NO.
REVISIONS      10/19/20		
<small>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.</small>		<b>D.3</b>

**ALL DIMENSIONS MUST BE VERIFIED IN FIELD PRIOR TO FABRICATION**



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

**2** Side View: GATE.4  
SCALE: 1/2" = 1'-0"

**3** Back View: GATE.4  
SCALE: 1/2" = 1'-0"

**SPECIFICATIONS**      **SIGN TYPE:** GATE.4      **FUNCTION:** Village Gateway

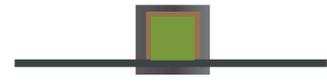
**21. CUT LETTERS**  
 MATERIAL: 3" Reverse Channel Aluminum Letters  
 FABRICATION PROCESS: Fabricated  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
 FASTENER: Pin-mount flush to sign cabinet

**22. SIGN CABINET**  
 MATERIAL: Re-face existing sign structure. Aluminum Sheet + Tube as required.  
 FABRICATION PROCESS: Fabricated  
 EDGES: Square, Smooth  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
 FASTENER: Mechanically fastened to support posts.

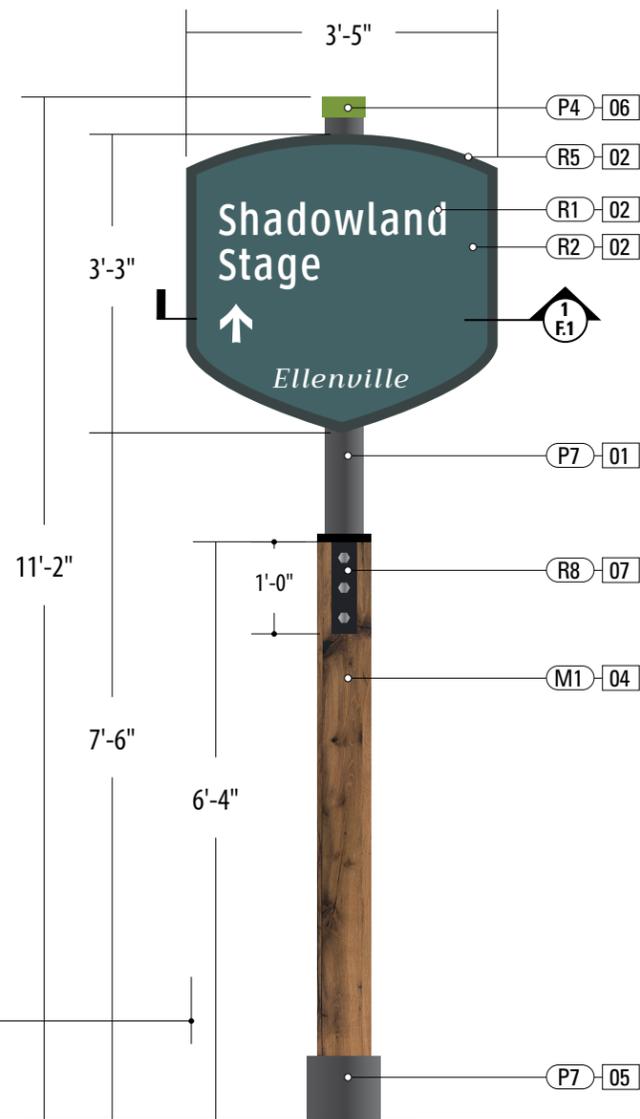
NOTE: All measurements and construction details must be verified in the field prior to fabrication.

- 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 non-corrosive 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  <b>merje</b> 120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		CLIENT / PROJECT  <b>ELLENVILLE &amp; WAWARSING, NY</b> Design Intent Documentation
SUBCONSULTANT		PROJECT NO.
DATE: 05/27/20	DRAWN BY: LH	SHEET TITLE  <b>GATE.4 Village Gateway Retro-Fit</b>
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: 10/19/20		SHEET NO.
		<b>D.4</b>



**4** Top View: VDIR.1  
SCALE: 1/2" = 1'-0"



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



**2** Side View: VDIR.1  
SCALE: 1/2" = 1'-0"



**3** Back View: VDIR.1  
SCALE: 1/2" = 1'-0"

**SPECIFICATIONS**      **SIGN TYPE:** VDIR.1      **FUNCTION:** Vehicular Directional

**01. SUPPORT POST**  
MATERIAL: 5" x 5" Aluminum Square Post (.25 wall)  
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: As per Transpo breakaway specs.

FASTENER: Mechanically fastenes to decorative base and support post.

**05. DECORATIVE BASE**  
MATERIAL: Custom 2-Piece Clamshell Cast Aluminum Base  
EDGES: Smooth  
COLOR: Custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
**Fabricator must ensure break-away footer will fit inside base**

**02. 1/4" SIGN PANEL - REFLECTIVE FRONT**  
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. Cont. Weld back of sign to sleeve  
EDGE & BACK DETAIL: Paint all edges and back with Matthews Acrylic Polyurethane, with clear coat satin finish.

**06. POST CAP**  
MATERIAL: Custom Cast Aluminum Finial  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.

**03. SLEEVE / BRACKET**  
MATERIAL: Aluminum U-channel (.1875" wall)  
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: Mechanically fastened to pole, Tamper-resistant hardware.

**07. POST BRACKET**  
MATERIAL: Custom Aluminum Bracket  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.

**04. DECORATIVE "WOOD" POST**  
MATERIAL: 7" x 7" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
Ref. Material Spec. - M2  
(See Color Sheet for all color and material specifications)

**50. BREAKAWAY FOOTER**  
FOOTER: The Transpo® break-away system, according to specifications per PENNDOT.

**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 non-corrosive 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

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CLIENT / PROJECT

**ELLENVILLE & WAWARSING, NY**

Design Intent Documentation

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 05/27/20

DRAWN BY: LH

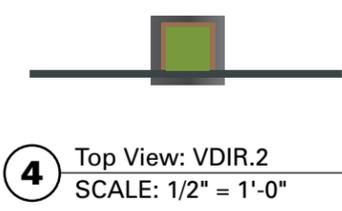
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REVISIONS 10/19/20

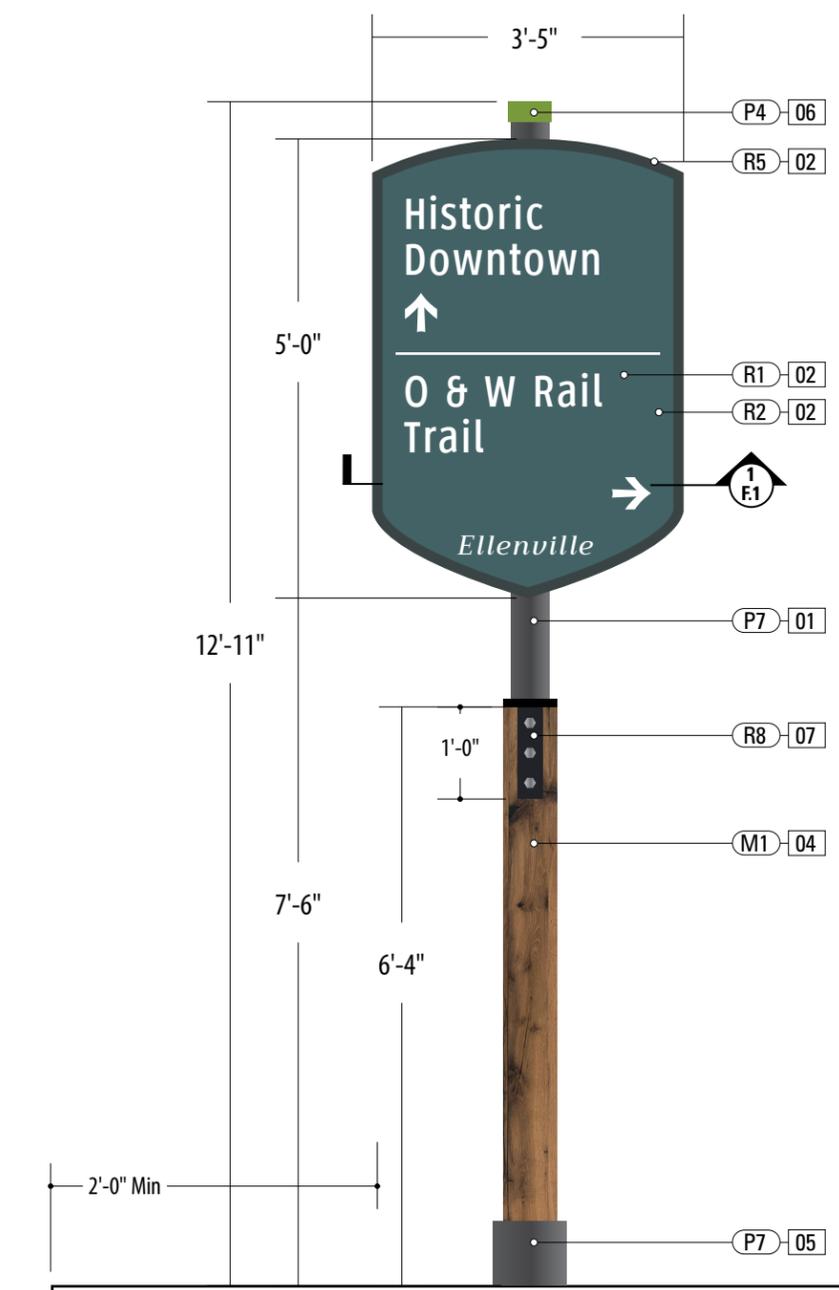
**VDIR.1**  
**Vehicular Directional**

SHEET NO.

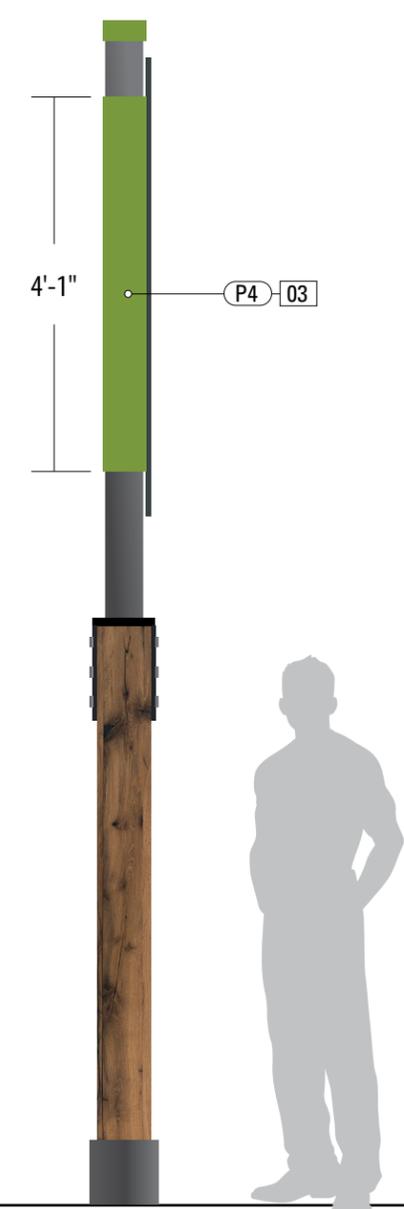
**D.5**



**4** Top View: VDIR.2  
SCALE: 1/2" = 1'-0"



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



**2** Side View: VDIR.2  
SCALE: 1/2" = 1'-0"



**3** Back View: VDIR.2  
SCALE: 1/2" = 1'-0"

SPECIFICATIONS	SIGN TYPE: VDIR.2	FUNCTION: Vehicular Directional
<p><b>01. SUPPORT POST</b>            MATERIAL: 5" x 5" Aluminum Square Post (.25 wall)            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: As per Transpo breakaway specs.</p>		<p>FASTENER: Mechanically fastenes to decorative base and support post.</p>
<p><b>02. 1/4" SIGN PANEL - REFLECTIVE FRONT</b>            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. Cont. Weld back of sign to sleeve            EDGE &amp; BACK DETAIL: Paint all edges and back with Matthews Acrylic Polyurethane, with clear coat satin finish.</p>		<p><b>05. DECORATIVE BASE</b>            MATERIAL: Custom 2-Piece Clamshell Cast Aluminum Base            EDGES: Smooth            COLOR: Custom, as noted            SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  <b>Fabricator must ensure break-away footer will fit inside base</b></p>
<p><b>03. SLEEVE / BRACKET</b>            MATERIAL: Aluminum U-channel (.1875" wall)            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: Mechanically fastened to pole, Tamper-resistant hardware.</p>		<p><b>06. POST CAP</b>            MATERIAL: Custom Cast Aluminum Finial            COLOR: custom, as noted            SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.            FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.</p>
<p><b>04. DECORATIVE "WOOD" POST</b>            MATERIAL: 7" x 7" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet            FABRICATION PROCESS: Extruded            EDGES: Smooth            COLOR: Custom, as noted            GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics            Ref. Material Spec. - M2            (See Color Sheet for all color and material specifications)</p>		<p><b>07. POST BRACKET</b>            MATERIAL: Custom Aluminum Bracket            COLOR: custom, as noted            SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.            FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.</p>
		<p><b>50. BREAKAWAY FOOTER</b>            FOOTER: The Transpo® break-away system, according to specifications per PENNDOT.</p>

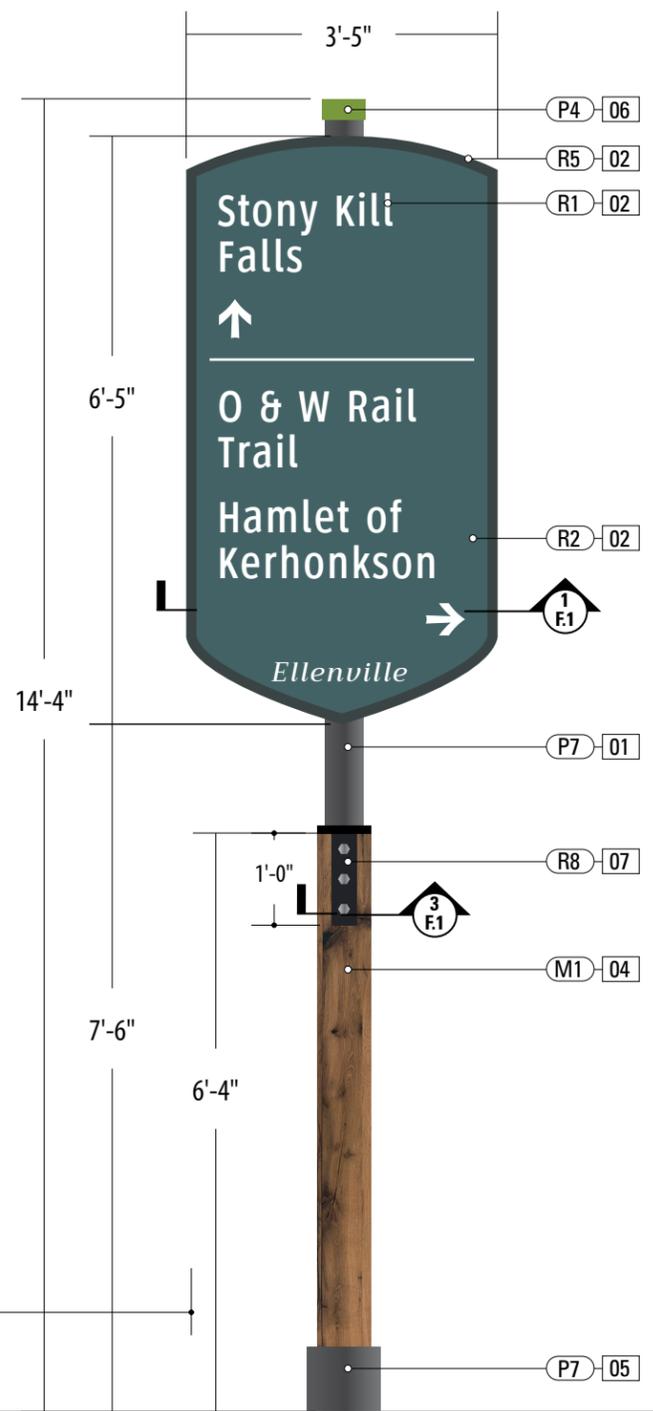
**NOTES**

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 non-corrosive 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.

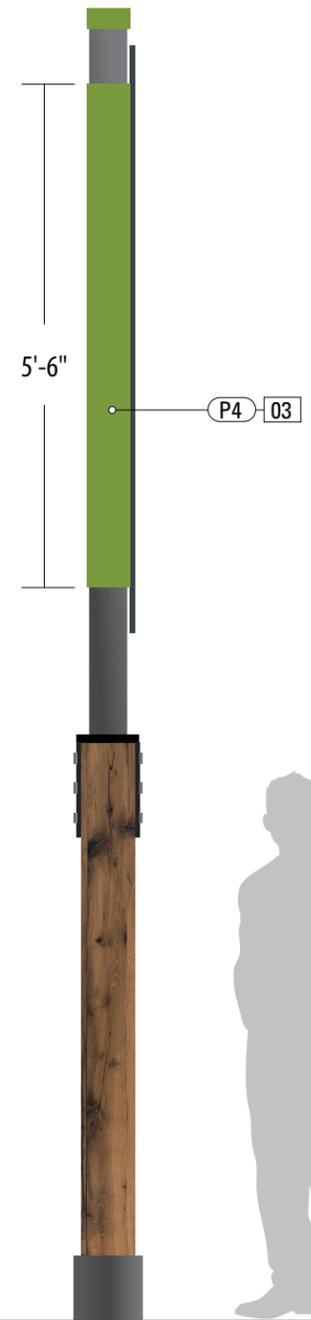
ENVIRONMENTS & EXPERIENCES  		CLIENT / PROJECT  <b>ELLENVILLE &amp; WAWARSING, NY</b> Design Intent Documentation
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		PROJECT NO.
SUBCONSULTANT		SHEET TITLE  <b>VDIR.2</b> <b>Vehicular Directional</b>
DATE 05/27/20	DRAWN BY: LH	SHEET NO.
REVISIONS 10/19/20		
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**4** Top View: VDIR.3  
SCALE: 1/2" = 1'-0"



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



**2** Side View: VDIR.3  
SCALE: 1/2" = 1'-0"



**3** Back View: VDIR.3  
SCALE: 1/2" = 1'-0"

SPECIFICATIONS	SIGN TYPE: VDIR.3	FUNCTION: Vehicular Directional
<p><b>01. SUPPORT POST</b> MATERIAL: 5" x 5" Aluminum Square Post (.25 wall) 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: As per Transpo breakaway specs.</p>		FASTENER: Mechanically fastenes to decorative base and support post.
<p><b>02. 1/4" SIGN PANEL - REFLECTIVE FRONT</b> 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. Cont. Weld back of sign to sleeve EDGE &amp; BACK DETAIL: Paint all edges and back with Matthews Acrylic Polyurethane, with clear coat satin finish.</p>		<p><b>05. DECORATIVE BASE</b> MATERIAL: Custom 2-Piece Clamshell Cast Aluminum Base EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. Fabricator must ensure break-away footer will fit inside base</p>
<p><b>03. SLEEVE / BRACKET</b> MATERIAL: Aluminum U-channel (.1875" wall) 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: Mechanically fastened to pole, Tamper-resistant hardware.</p>		<p><b>06. POST CAP</b> MATERIAL: Custom Cast Aluminum Finial COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.</p>
<p><b>04. DECORATIVE "WOOD" POST</b> MATERIAL: 7" x 7" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics Ref. Material Spec. - M2 (See Color Sheet for all color and material specifications)</p>		<p><b>07. POST BRACKET</b> MATERIAL: Custom Aluminum Bracket COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.</p>
		<p><b>50. BREAKAWAY FOOTER</b> FOOTER: The Transpo® break-away system, according to specifications per PENNDOT.</p>

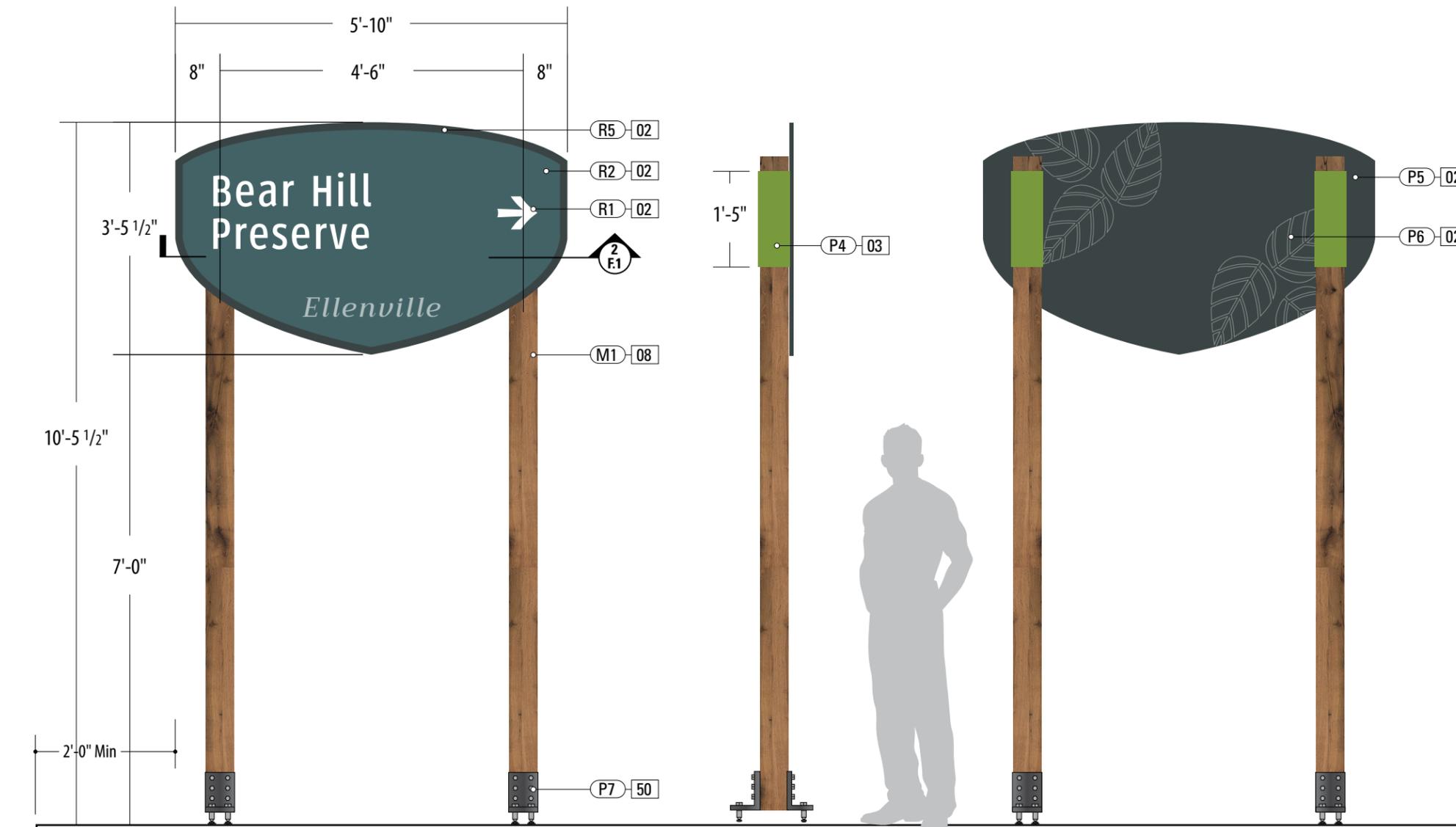
**NOTES**

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 non-corrosive 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
		<p><b>ELLENVILLE &amp; WAWARSING, NY</b> Design Intent Documentation</p>
<p>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></p>		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE	05/27/20	<p><b>VDIR.3</b> <b>Vehicular Directional</b></p>
DRAWN BY:	LH	
REVISIONS	10/19/20	SHEET 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>		<p><b>D.7</b></p>



**4** Top View: VDIR.4  
SCALE: 1/2" = 1'-0"



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

**2** Side View: VDIR.4  
SCALE: 1/2" = 1'-0"

**3** Back View: VDIR.4v  
SCALE: 1/2" = 1'-0"

**02. 1/4" SIGN PANEL - REFLECTIVE FRONT**

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.  
Cont. Weld back of sign to sleeve  
EDGE & BACK DETAIL: Paint all edges and back  
with Matthews Acrylic Polyurethane, with clear  
coat satin finish.

**03. SLEEVE / BRACKET**

MATERIAL: Aluminum U-channel (.1875" wall)  
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: Mechanically fastened to pole,  
Tamper-resistant hardware.

**08. DECORATIVE "WOOD" POST**

MATERIAL: 5" x 5" Aluminum Square Post (.25  
wall) capped at top.  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS:  
Custom dye-sub printed graphics  
Ref. Material Spec. - M2  
(See Color Sheet for all color and material  
specifications)  
FOOTER: As per Transpo breakaway specs.

**50. BREAKAWAY FOOTER**

FOOTER: The Transpo® break-away system,  
according to specifications per PENNDOT.

**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 non-corrosive 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

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CLIENT / PROJECT

**ELLENVILLE &  
WAWARSING, NY**

Design Intent Documentation

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 05/27/20

DRAWN BY: LH

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REVISIONS 10/19/20

**VDIR.4  
Vehicular Directional**

SHEET NO.

**D.8**



**4** Top View: VDIR.5  
SCALE: 1/2" = 1'-0"



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



**2** Side View: VDIR.5  
SCALE: 1/2" = 1'-0"



**3** Back View: VDIR.5  
SCALE: 1/2" = 1'-0"

**02. 1/4" SIGN PANEL - REFLECTIVE FRONT**  
 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.  
 Cont. Weld back of sign to sleeve  
 EDGE & BACK DETAIL: Paint all edges and back  
 with Matthews Acrylic Polyurethane, with clear  
 coat satin finish.

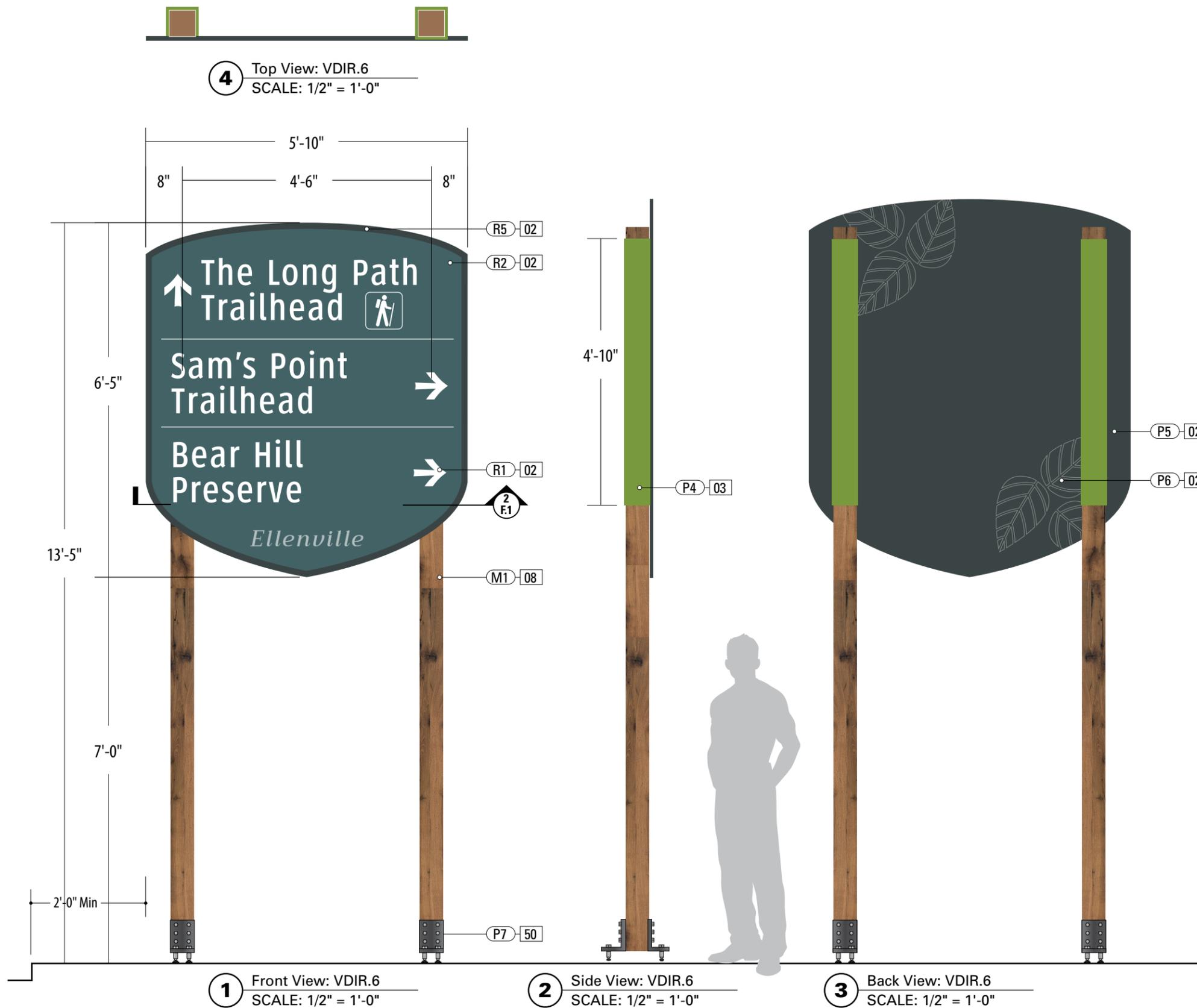
**03. SLEEVE / BRACKET**  
 MATERIAL: Aluminum U-channel (.1875" wall)  
 FABRICATION PROCESS: Extruded  
 EDGES: Square, Smooth  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces  
 with Matthews Acrylic Polyurethane, with clear  
 coat satin finish.  
 FASTENER: Mechanically fastened to pole,  
 Tamper-resistant hardware.

**08. DECORATIVE "WOOD" POST**  
 MATERIAL: 5" x 5" Aluminum Square Post (.25  
 wall) capped at top.  
 FABRICATION PROCESS: Extruded  
 EDGES: Smooth  
 COLOR: Custom, as noted  
 GRAPHIC BACKGROUND AND COPY PROCESS:  
 Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material  
 specifications)  
 FOOTER: As per Transpo breakaway specs.

**50. BREAKAWAY FOOTER**  
 FOOTER: The Transpo® break-away system,  
 according to specifications per PENNDOT.

- 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 non-corrosive 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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SUBCONSULTANT		PROJECT NO.
DATE 05/27/20	DRAWN BY: LH	SHEET TITLE  <b>VDIR.5</b> <b>Vehicular Directional</b>
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 10/19/20		SHEET NO.
		<b>D.9</b>



**4** Top View: VDIR.6  
SCALE: 1/2" = 1'-0"

**1** Front View: VDIR.6  
SCALE: 1/2" = 1'-0"

**2** Side View: VDIR.6  
SCALE: 1/2" = 1'-0"

**3** Back View: VDIR.6  
SCALE: 1/2" = 1'-0"

**SPECIFICATIONS**      **SIGN TYPE:** VDIR.6      **FUNCTION:** Vehicular Directional

**02. 1/4" SIGN PANEL - REFLECTIVE FRONT**  
 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.  
 Cont. Weld back of sign to sleeve  
 EDGE & BACK DETAIL: Paint all edges and back  
 with Matthews Acrylic Polyurethane, with clear  
 coat satin finish.

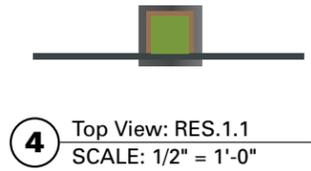
**03. SLEEVE / BRACKET**  
 MATERIAL: Aluminum U-channel (.1875" wall)  
 FABRICATION PROCESS: Extruded  
 EDGES: Square, Smooth  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces  
 with Matthews Acrylic Polyurethane, with clear  
 coat satin finish.  
 FASTENER: Mechanically fastened to pole,  
 Tamper-resistant hardware.

**08. DECORATIVE "WOOD" POST**  
 MATERIAL: 5" x 5" Aluminum Square Post (.25  
 wall) capped at top.  
 FABRICATION PROCESS: Extruded  
 EDGES: Smooth  
 COLOR: Custom, as noted  
 GRAPHIC BACKGROUND AND COPY PROCESS:  
 Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material  
 specifications)  
 FOOTER: As per Transpo breakaway specs.

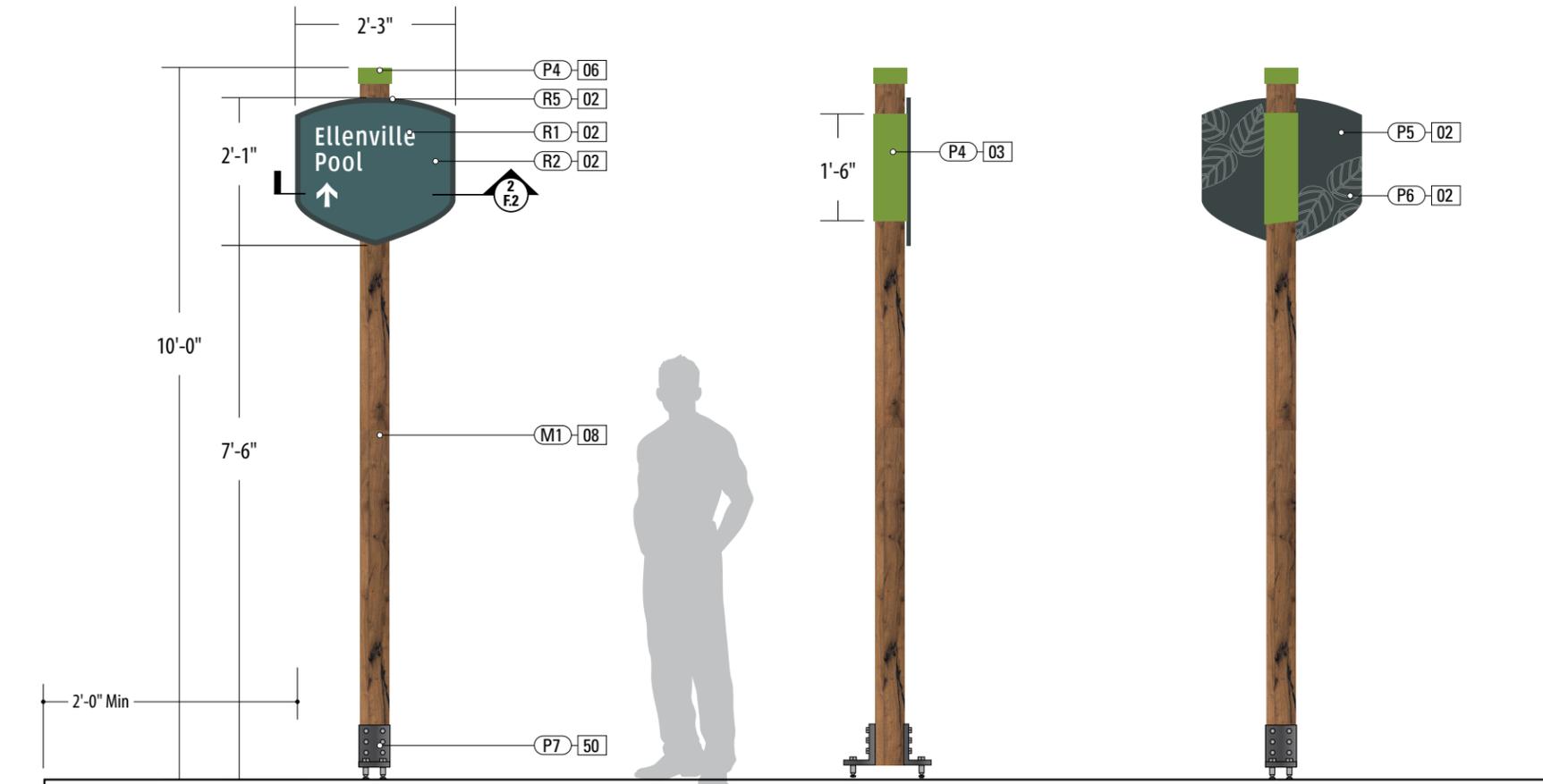
**50. BREAKAWAY FOOTER**  
 FOOTER: The Transpo® break-away system,  
 according to specifications per PENNDOT.

- 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 non-corrosive 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  <b>merje</b> 120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		CLIENT / PROJECT
		<b>ELLENVILLE &amp; WAWARSING, NY</b> Design Intent Documentation
SUBCONSULTANT		PROJECT NO.
DATE	05/27/20	SHEET TITLE
DRAWN BY:	LH	
REVISIONS	10/19/20	<b>VDIR.6</b> <b>Vehicular Directional</b>
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SHEET NO.		
		<b>D.10</b>



**4** Top View: RES.1.1  
SCALE: 1/2" = 1'-0"



**1** Front View: RES.1.1  
SCALE: 1/2" = 1'-0"

**2** Side View: RES.1.1  
SCALE: 1/2" = 1'-0"

**3** Back View: RES.1.1  
SCALE: 1/2" = 1'-0"

**02. 1/4" SIGN PANEL - REFLECTIVE FRONT**

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.  
 Cont. Weld back of sign to sleeve  
 EDGE & BACK DETAIL: Paint all edges and back  
 with Matthews Acrylic Polyurethane, with clear  
 coat satin finish.

**03. SLEEVE / BRACKET**

MATERIAL: Aluminum U-channel (.1875" wall)  
 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: Mechanically fastened to pole,  
 Tamper-resistant hardware.

**08. DECORATIVE "WOOD" POST**

MATERIAL: 5" x 5" Aluminum Square Post (.25  
 wall) capped at top.  
 FABRICATION PROCESS: Extruded  
 EDGES: Smooth  
 COLOR: Custom, as noted  
 GRAPHIC BACKGROUND AND COPY PROCESS:  
 Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material  
 specifications)  
 FOOTER: As per Transpo breakaway specs.

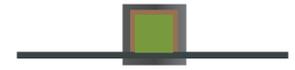
**50. BREAKAWAY FOOTER**

FOOTER: The Transpo® break-away system,  
 according to specifications per PENNDOT.

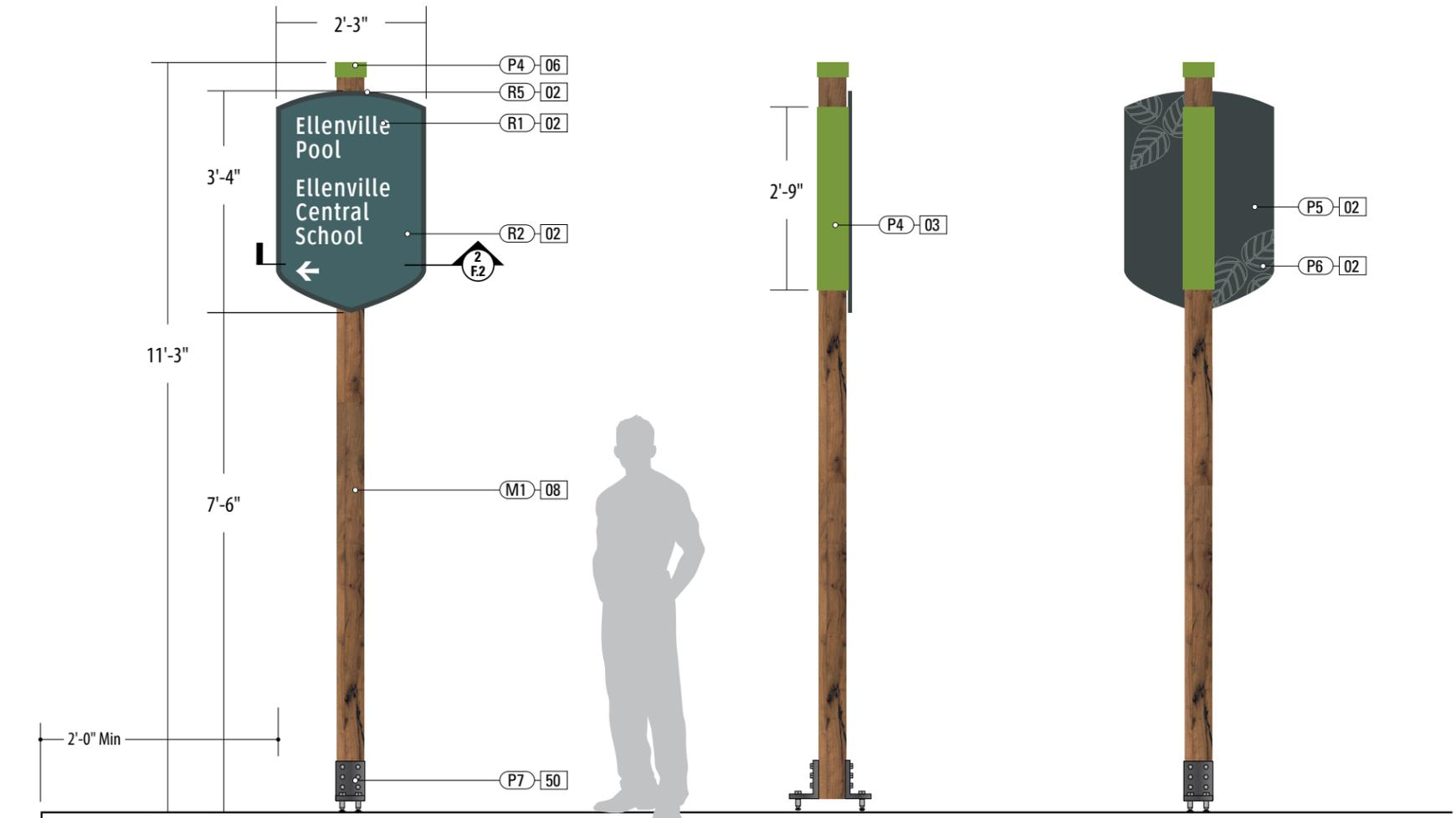
**NOTES**

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 non-corrosive 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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SUBCONSULTANT		PROJECT NO.
DATE 05/27/20	DRAWN BY: LH	SHEET TITLE  <b>RES.1.1 Residential Vehicular Directional</b>
REVISIONS 10/19/20		
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.  <b>D.11</b>



**4** Top View: RES.2.1  
SCALE: 1/2" = 1'-0"



**1** Front View: RES.2.1  
SCALE: 1/2" = 1'-0"

**2** Side View: RES.2.1  
SCALE: 1/2" = 1'-0"

**3** Back View: RES.2.1  
SCALE: 1/2" = 1'-0"

**02. 1/4" SIGN PANEL - REFLECTIVE FRONT**  
 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.  
 Cont. Weld back of sign to sleeve  
 EDGE & BACK DETAIL: Paint all edges and back  
 with Matthews Acrylic Polyurethane, with clear  
 coat satin finish.

**03. SLEEVE / BRACKET**  
 MATERIAL: Aluminum U-channel (.1875" wall)  
 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: Mechanically fastened to pole,  
 Tamper-resistant hardware.

**08. DECORATIVE "WOOD" POST**  
 MATERIAL: 5" x 5" Aluminum Square Post (.25  
 wall) capped at top.  
 FABRICATION PROCESS: Extruded  
 EDGES: Smooth  
 COLOR: Custom, as noted  
 GRAPHIC BACKGROUND AND COPY PROCESS:  
 Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material  
 specifications)  
 FOOTER: As per Transpo breakaway specs.

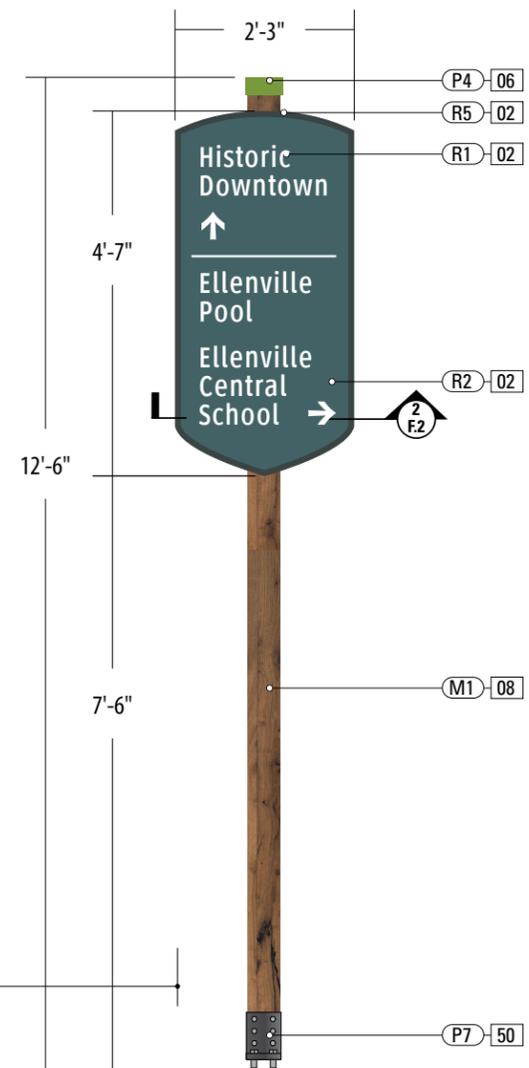
**50. BREAKAWAY FOOTER**  
 FOOTER: The Transpo® break-away system,  
 according to specifications per PENNDOT.

- 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 non-corrosive 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  <b>ELLENVILLE &amp; WAWARSING, NY</b> Design Intent Documentation
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE	05/27/20	<b>RES.2.1</b> <b>Residential Vehicular Directional</b>
DRAWN BY:	LH	
REVISIONS	10/19/20	SHEET NO.
<small>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.</small>		<b>D.12</b>



**4** Top View: RES.3.1  
SCALE: 1/2" = 1'-0"



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



**2** Side View: RES.3.1  
SCALE: 1/2" = 1'-0"



**3** Back View: RES.3.1  
SCALE: 1/2" = 1'-0"

**02. 1/4" SIGN PANEL - REFLECTIVE FRONT**

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.  
 Cont. Weld back of sign to sleeve  
 EDGE & BACK DETAIL: Paint all edges and back  
 with Matthews Acrylic Polyurethane, with clear  
 coat satin finish.

**03. SLEEVE / BRACKET**

MATERIAL: Aluminum U-channel (.1875" wall)  
 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: Mechanically fastened to pole,  
 Tamper-resistant hardware.

**08. DECORATIVE "WOOD" POST**

MATERIAL: 5" x 5" Aluminum Square Post (.25  
 wall) capped at top.  
 FABRICATION PROCESS: Extruded  
 EDGES: Smooth  
 COLOR: Custom, as noted  
 GRAPHIC BACKGROUND AND COPY PROCESS:  
 Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material  
 specifications)  
 FOOTER: As per Transpo breakaway specs.

**50. BREAKAWAY FOOTER**

FOOTER: The Transpo® break-away system,  
 according to specifications per PENNDOT.

**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 non-corrosive 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

**ELLENVILLE &  
 WAWARSING, NY**

Design Intent Documentation

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 05/27/20

DRAWN BY: LH

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REVISIONS 10/19/20

**RES.3.1  
 Residential Vehicular  
 Directional**

SHEET NO.

**D.13**

**02. 1/4" SIGN PANEL - REFLECTIVE FRONT**

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.  
 Cont. Weld back of sign to sleeve  
 EDGE & BACK DETAIL: Paint all edges and back with Matthews Acrylic Polyurethane, with clear coat satin finish.

**03. SLEEVE / BRACKET**

MATERIAL: Aluminum U-channel (.1875" wall)  
 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: Mechanically fastened to pole, Tamper-resistant hardware.

**09. SUPPORT POST**

MATERIAL: 4" x 4" Aluminum Square Post (.25 wall) 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.  
 FOOTER: As per Transpo breakaway specs.

**50. BREAKAWAY FOOTER**

FOOTER: The Transpo® break-away system, according to specifications per PENNDOT.

**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 non-corrosive 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

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CLIENT / PROJECT

**ELLENVILLE & WAWARSING, NY**

Design Intent Documentation

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 05/27/20

DRAWN BY: LH

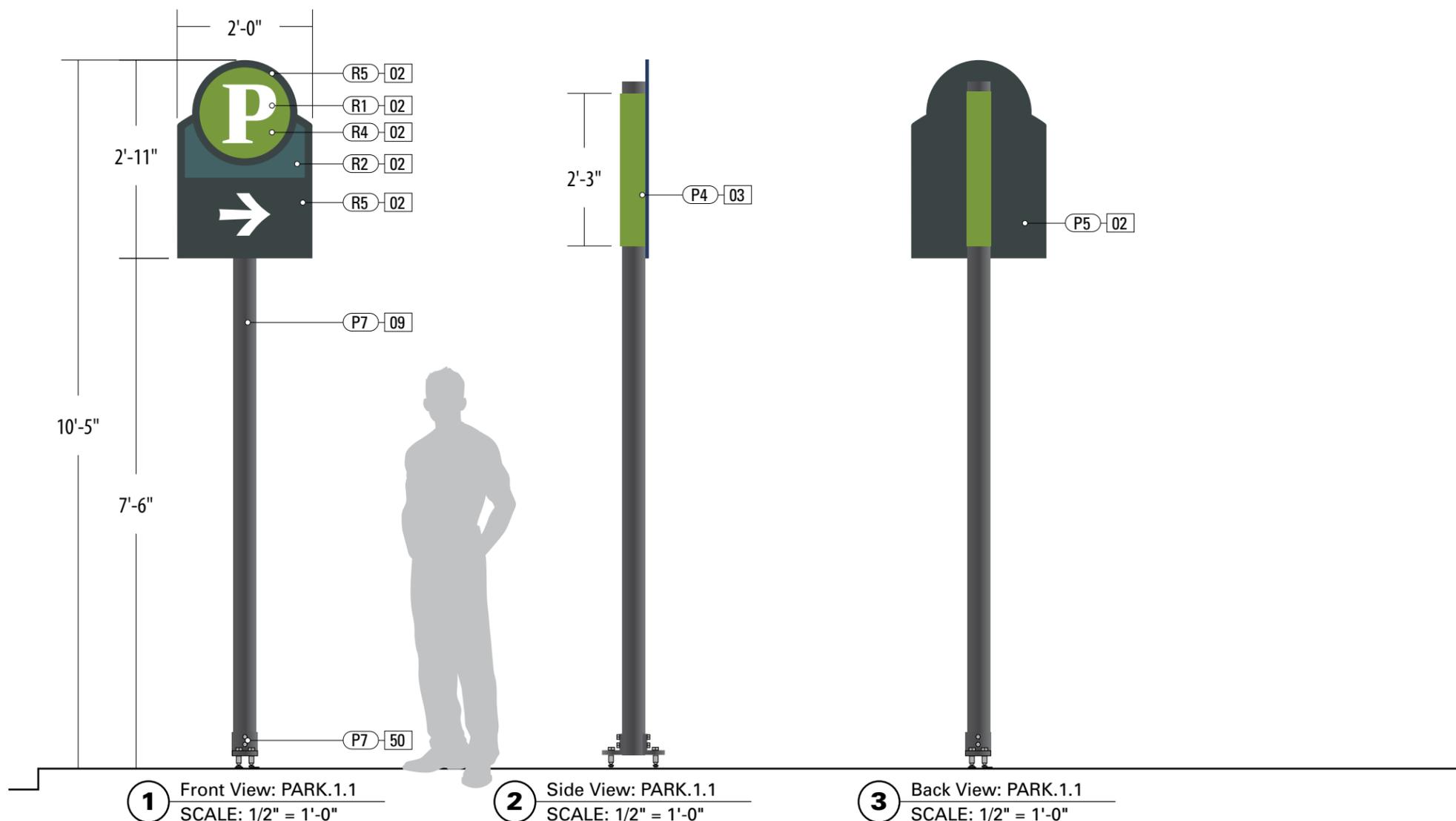
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions 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 10/19/20

**PARK.1.1  
 Parking Trailblazer**

SHEET NO.

**D.14**



**1** Front View: PARK.1.1  
 SCALE: 1/2" = 1'-0"

**2** Side View: PARK.1.1  
 SCALE: 1/2" = 1'-0"

**3** Back View: PARK.1.1  
 SCALE: 1/2" = 1'-0"

**10. POLE STRAP ATTACHMENT**  
 Band-It Band: COLOR-IT® Coating,  
 Product #C206C9-P900 (or approved equal.)  
 MATERIAL: 201 Stainless Steel, coated with  
 COLOR-IT® Polyester coating  
 SIZE: 3/4 inch  
 FINISH: To match existing pole, verify in field  
 FASTENER: : Ultra-Lok® Free End clamps  
**NOTE: Sign Contractor to coordinate the  
 removal or movement of interfering existing  
 signs on utility poles, with the borough.**

**11. 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: SS strap-mounted to utility pole.

**12. 1/8" SIGN PANEL - PAINT & VINYL**  
 MATERIAL: 1/8" 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)  
 EDGE & BACK DETAIL: Paint all edges and back  
 with Matthews Acrylic Polyurethane, with clear  
 coat satin finish.  
 FASTENER: Press-roll per 3M requirements. Weld  
 panel to mounting 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 non-corrosive 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

**ELLENVILLE &  
 WAWARSING, NY**

Design Intent Documentation

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 05/27/20

DRAWN BY: LH

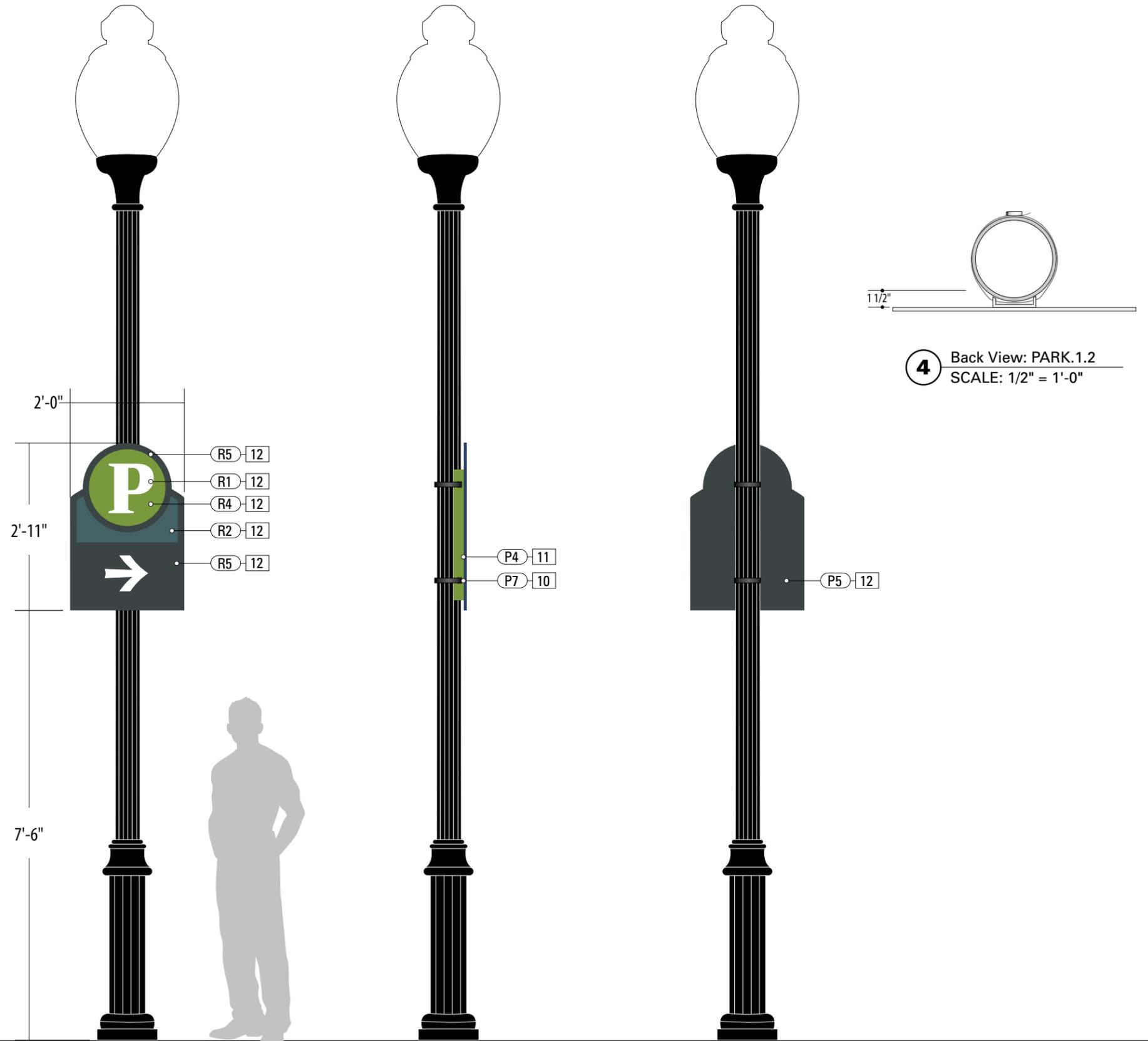
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions 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 10/19/20

**PARK.1.2  
 Parking Trailblazer**

SHEET NO.

**D.15**



**1** Front View: PARK.1.2  
 SCALE: 1/2" = 1'-0"

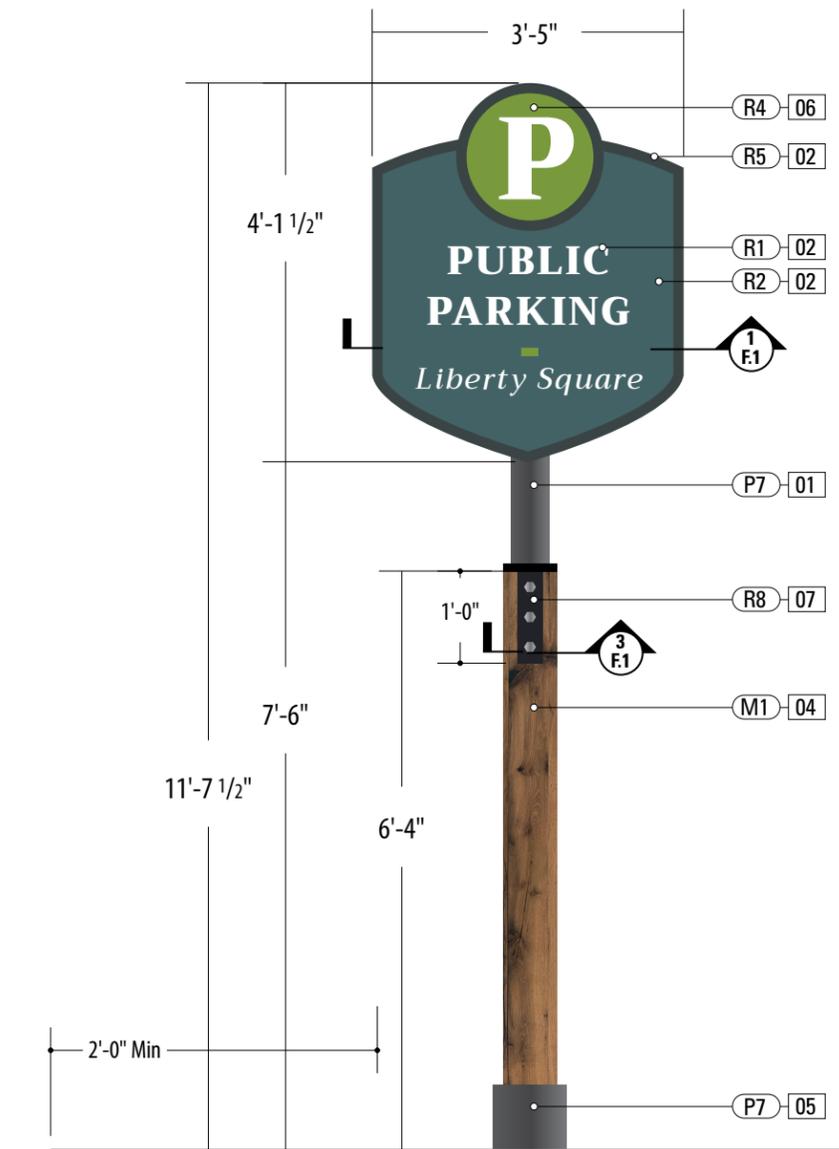
**2** Side View: PARK.1.2  
 SCALE: 1/2" = 1'-0"

**3** Back View: PARK.1.2  
 SCALE: 1/2" = 1'-0"

**4** Back View: PARK.1.2  
 SCALE: 1/2" = 1'-0"



**4** Top View: PARK.2  
SCALE: 1/2" = 1'-0"



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



**2** Side View: PARK.2  
SCALE: 1/2" = 1'-0"



**3** Back View: PARK.2  
SCALE: 1/2" = 1'-0"

**SPECIFICATIONS**      **SIGN TYPE:** PARK.2      **FUNCTION:** Parking Lot ID

- 01. SUPPORT POST**  
MATERIAL: 5" x 5" Aluminum Square Post (.25 wall)  
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: As per Transpo breakaway specs.
- 02. 1/4" SIGN PANEL - REFLECTIVE FRONT**  
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. Cont. Weld back of sign to sleeve  
EDGE & BACK DETAIL: Paint all edges and back with Matthews Acrylic Polyurethane, with clear coat satin finish.
- 03. SLEEVE / BRACKET**  
MATERIAL: Aluminum U-channel (.1875" wall)  
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: Mechanically fastened to pole, Tamper-resistant hardware.
- 04. DECORATIVE "WOOD" POST**  
MATERIAL: 7" x 7" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
Ref. Material Spec. - M2  
(See Color Sheet for all color and material specifications)
- 05. DECORATIVE BASE**  
MATERIAL: Custom 2-Piece Clamshell Cast Aluminum Base  
EDGES: Smooth  
COLOR: Custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
**Fabricator must ensure break-away footer will fit inside base**
- 06. POST CAP**  
MATERIAL: Custom Cast Aluminum Finial  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.
- 07. POST BRACKET**  
MATERIAL: Custom Aluminum Bracket  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.
- 50. BREAKAWAY FOOTER**  
FOOTER: The Transpo® break-away system, according to specifications per PENNDOT.

**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 non-corrosive 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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SUBCONSULTANT		SHEET TITLE
DATE 05/27/20	DRAWN BY: LH	<b>PARK.2</b> <b>Parking Lot ID</b>
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 10/19/20		D.16

**03. SLEEVE / BRACKET**

MATERIAL: Aluminum U-channel (.1875" wall)  
 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: Mechanically fastened to pole, Tamper-resistant hardware.

**13. SIGN PANELS**

MATERIAL: 1/4" thk aluminum sheet  
 FABRICATION PROCESS: Router Cut  
 EDGES: Smooth  
 COLOR: As noted  
 GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material specifications)  
 FASTENER: Mechanically fastens to support bracket.

**04. DECORATIVE "WOOD" POST**

MATERIAL: 5.5" x 5.5" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet  
 FABRICATION PROCESS: Extruded  
 EDGES: Smooth  
 COLOR: Custom, as noted  
 GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material specifications)  
 FASTENER: Mechanically fastens to decorative base and support post.

**07. POST BRACKET**

MATERIAL: Custom Aluminum Bracket  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
 FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.

**09. SUPPORT POST**

MATERIAL: 4" x 4" Aluminum Square Post (.25 wall) 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.  
 FOOTER Plate-to-plate

**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 non-corrosive 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

**ELLENVILLE & WAWARSING, NY**

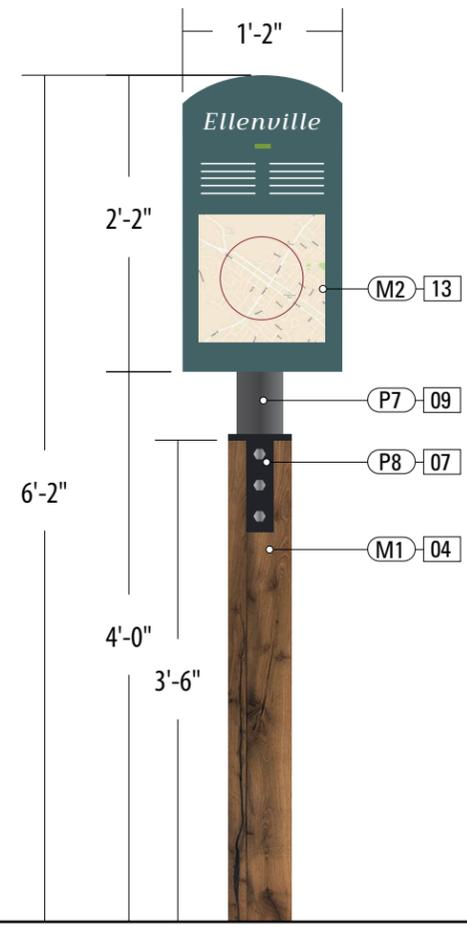
Design Intent Documentation

PROJECT NO.

SUBCONSULTANT		SHEET TITLE	
DATE	05/27/20	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	10/19/20
		SHEET NO.	
		<b>D.17</b>	



**4** Top View: PDIR.1.1  
 SCALE: 3/4" = 1'-0"



**1** Front View: PDIR.1.1  
 SCALE: 3/4" = 1'-0"



**2** Side View: PDIR.1.1  
 SCALE: 3/4" = 1'-0"

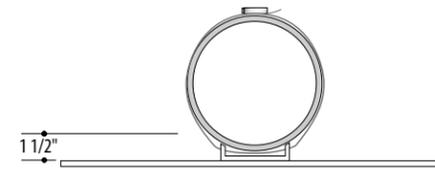


**3** Back View: PDIR.1.1  
 SCALE: 3/4" = 1'-0"

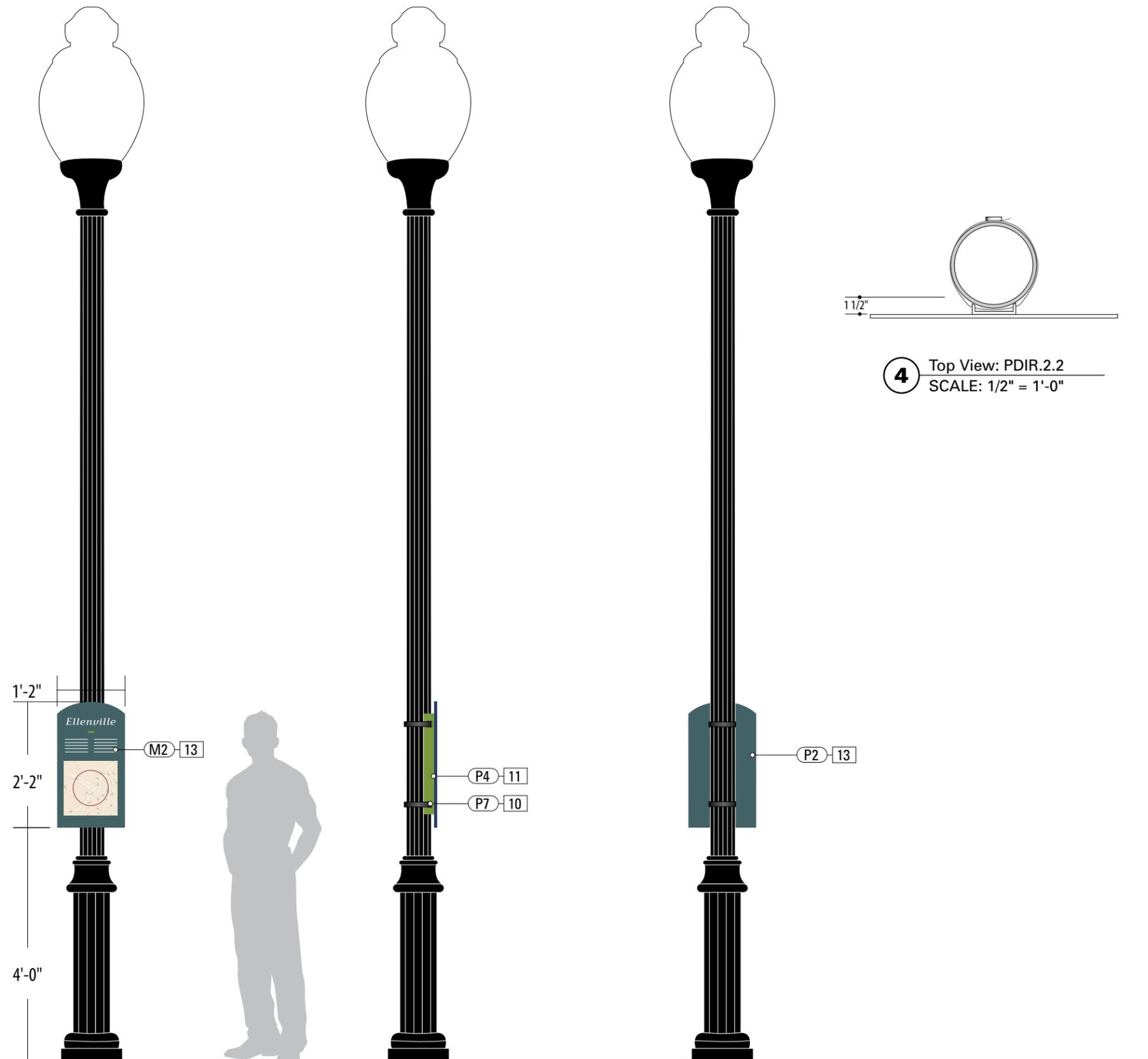
**10. POLE STRAP ATTACHMENT**  
 Band-It Band: COLOR-IT® Coating,  
 Product #C206C9-P900 (or approved equal.)  
 MATERIAL: 201 Stainless Steel, coated with  
 COLOR-IT® Polyester coating  
 SIZE: 3/4 inch  
 FINISH: To match existing pole, verify in field  
 FASTENER: : Ultra-Lok® Free End clamps  
**NOTE: Sign Contractor to coordinate the  
 removal or movement of interfering  
 signs on utility poles, with the borough.**

**11. 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: SS strap-mounted to utility pole.

**13. SIGN PANELS**  
 MATERIAL: 1/8" thk aluminum sheet  
 FABRICATION PROCESS: Router Cut  
 EDGES: Smooth  
 COLOR: As noted  
 GRAPHIC BACKGROUND AND COPY PROCESS:  
 Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material  
 specifications)  
 FASTENER: Mechanically fastens to support  
 bracket



**4** Top View: PDIR.2.2  
 SCALE: 1/2" = 1'-0"



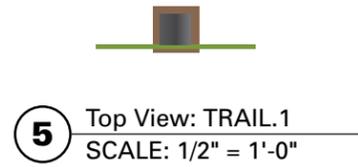
**1** Front View: PDIR.2.2  
 SCALE: 1/2" = 1'-0"

**2** Side View: PDIR.2.2  
 SCALE: 1/2" = 1'-0"

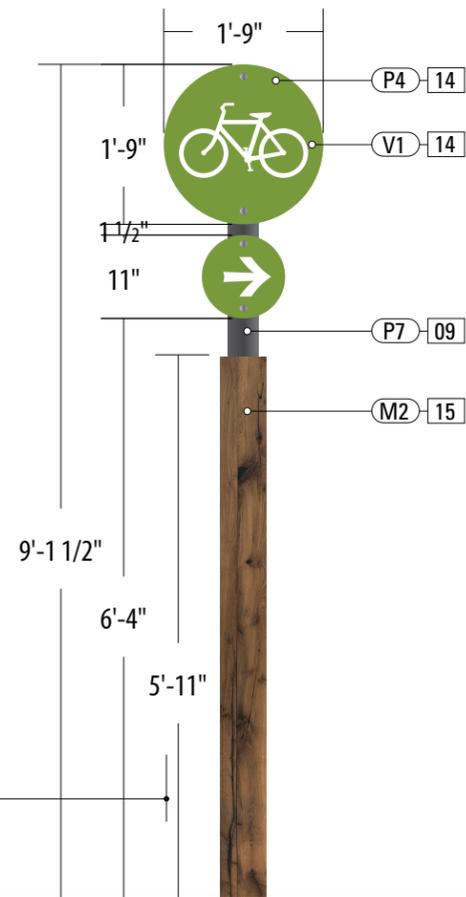
**3** Back View: PDIR.2.2  
 SCALE: 1/2" = 1'-0"

- 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 non-corrosive 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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SUBCONSULTANT		PROJECT NO.
DATE 05/27/20	DRAWN BY: LH	SHEET TITLE  <b>PDIR.1.2 Pedestrian Sign</b>
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.		
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		<b>D.18</b>



**5** Top View: TRAIL.1  
SCALE: 1/2" = 1'-0"



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



**2** Side View: TRAIL.1  
SCALE: 1/2" = 1'-0"



**3** Back View: TRAIL.1  
Single-Sided  
SCALE: 1/2" = 1'-0"



**4** Back View: TRAIL.1  
Double-Sided  
SCALE: 1/2" = 1'-0"

**09. SUPPORT POST**

MATERIAL: 4" x 4" Aluminum Square Post (.25 wall) 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.  
FOOTER Plate-to-plate

**14. 1/8" SIGN PANEL - PAINT & VINYL**

MATERIAL: 1/8" thick 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: Press-roll per 3M requirements. Mechanically fastened to post with tamper resistant hardware.

**15. DECORATIVE "WOOD" POST**

MATERIAL: 6" x 6" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
Ref. Material Spec. - M2  
(See Color Sheet for all color and material specifications)  
FASTENER: Mechanically fastenes to support post.

**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 non-corrosive 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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**ELLENVILLE & WAWARSING, NY**

Design Intent Documentation

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 05/27/20

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REVISIONS 10/19/20

**TRAIL.1  
Bike Trail Directional**

SHEET NO.

**D.19**

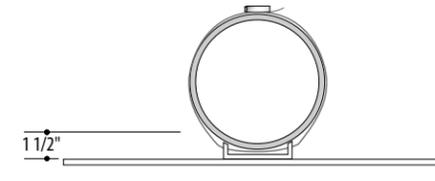
**10. POLE STRAP ATTACHMENT**  
 Band-It Band: COLOR-IT® Coating,  
 Product #C206C9-P900 (or approved equal.)  
 MATERIAL: 201 Stainless Steel, coated with  
 COLOR-IT® Polyester coating  
 SIZE: 3/4 inch  
 FINISH: To match existing pole, verify in field  
 FASTENER: : Ultra-Lok® Free End clamps  
**NOTE: Sign Contractor to coordinate the  
 removal or movement of interfering existing  
 signs on utility poles, with the borough.**

**11. 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: SS strap-mounted to utility pole.

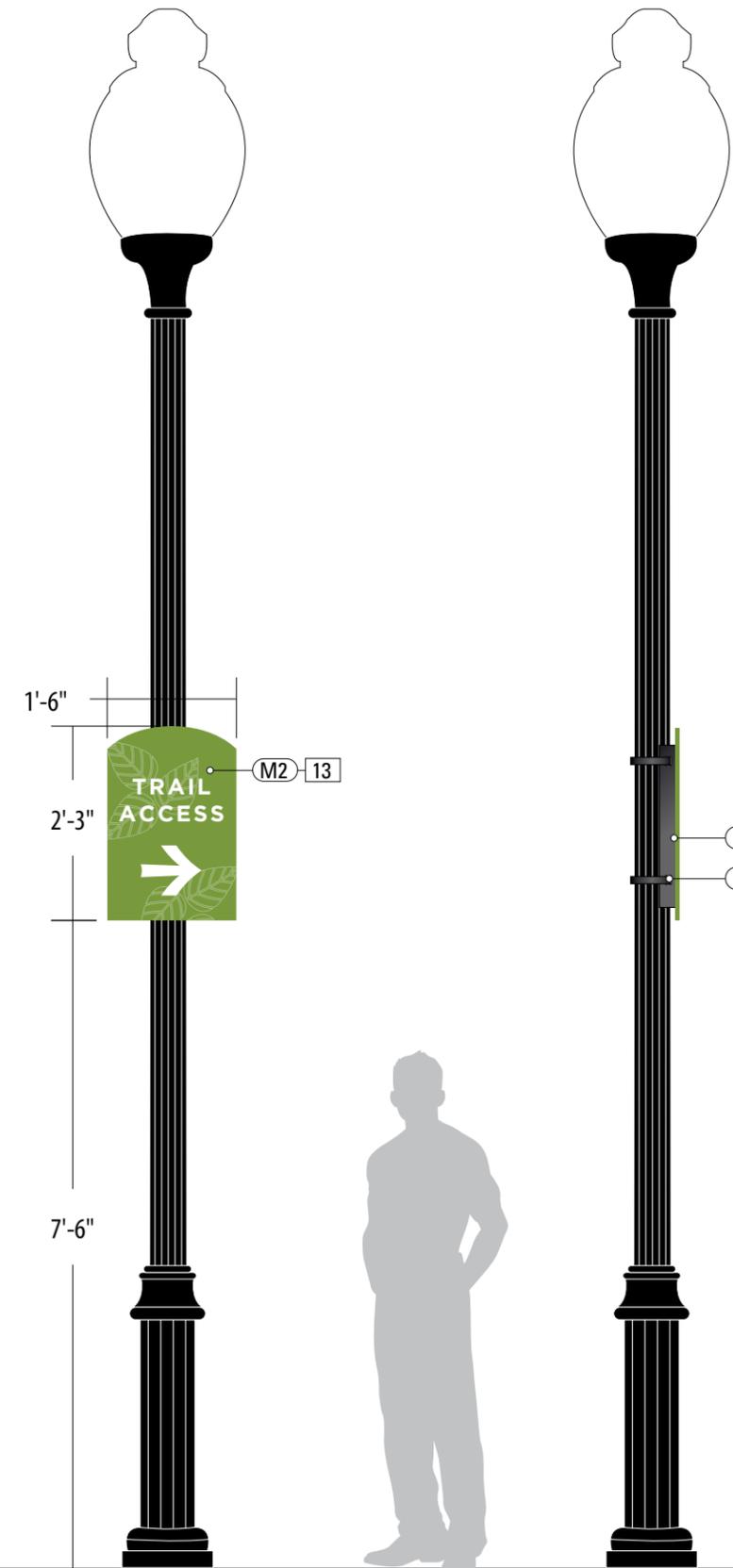
**13. SIGN PANELS**  
 MATERIAL: 1/8" thk aluminum sheet  
 FABRICATION PROCESS: Router Cut  
 EDGES: Smooth  
 COLOR: As noted  
 GRAPHIC BACKGROUND AND COPY PROCESS:  
 Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material  
 specifications)  
 FASTENER: Mechanically fastens to support  
 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 U/V) clear coat or vinyl over laminate.
  3. Hardware: All exposed hardware shall be non-corrosive 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.

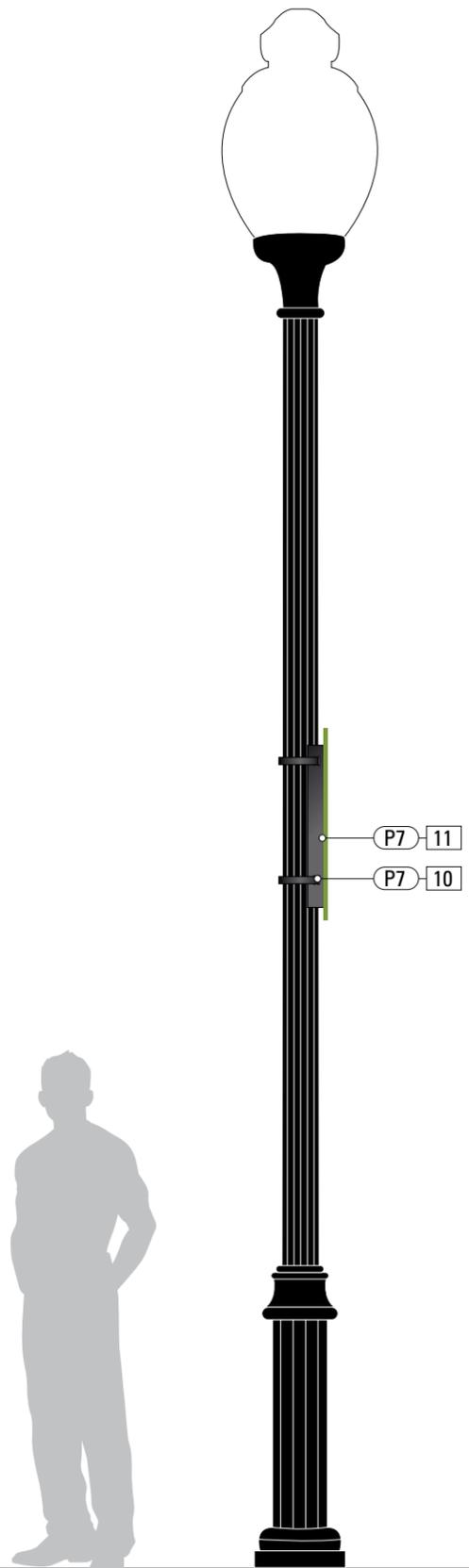
ENVIRONMENTS & EXPERIENCES  <b>merje</b> 120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		CLIENT / PROJECT  <b>ELLENVILLE &amp;                  WAWARSING, NY</b>  Design Intent Documentation
SUBCONSULTANT		PROJECT NO.
DATE 05/27/20	DRAWN BY: LH	SHEET TITLE  <b>TRAIL.2 Trail Access</b>
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 10/19/20		SHEET NO.  <b>D.20</b>



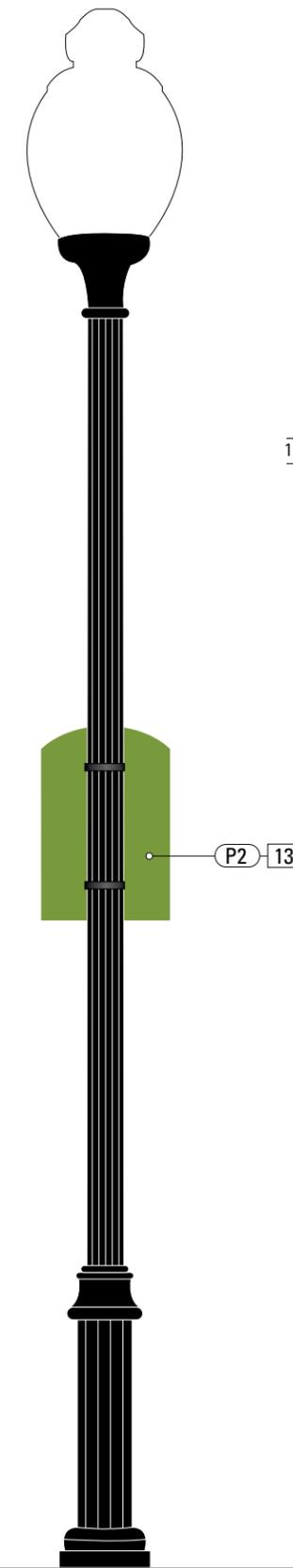
**4** Top View: TRAIL.2  
 SCALE: 1/2" = 1'-0"



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



**2** Side View: TRAIL.2  
 SCALE: 1/2" = 1'-0"



**3** Back View: TRAIL.2  
 SCALE: 1/2" = 1'-0"



**04. DECORATIVE "WOOD" POST**  
 MATERIAL: 7" x 7" (.25 wall) Aluminum Square Post  
 FABRICATION PROCESS: Extruded  
 EDGES: Smooth  
 COLOR: Custom, as noted  
 GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material specifications)  
 FASTENER: Mechanically fastenes to support post.

**09. SUPPORT POST**  
 MATERIAL: 5" x 5" Aluminum Square Post (.25 wall) 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.  
 FOOTER Plate-to-plate

**13. SIGN PANELS**  
 MATERIAL: 1/8" thk aluminum sheet  
 FABRICATION PROCESS: Router Cut  
 EDGES: Smooth  
 COLOR: As noted  
 GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material specifications)  
 FASTENER: Mechanically fastens to support bracket.

**16. CUT LETTERS**  
 MATERIAL: 1/8" Aluminum Cut Letters  
 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.  
 FASTENER: Pin-mount to Post

- 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 non-corrosive 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  <b>TDIR.2 Trail Directional</b>
DATE	DRAWN BY:	
05/27/20	LH	SHEET NO.  <b>D.21</b>
REVISIONS 10/19/20		
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**4** Top View: TDIR.1  
 SCALE: 3/4" = 1'-0"



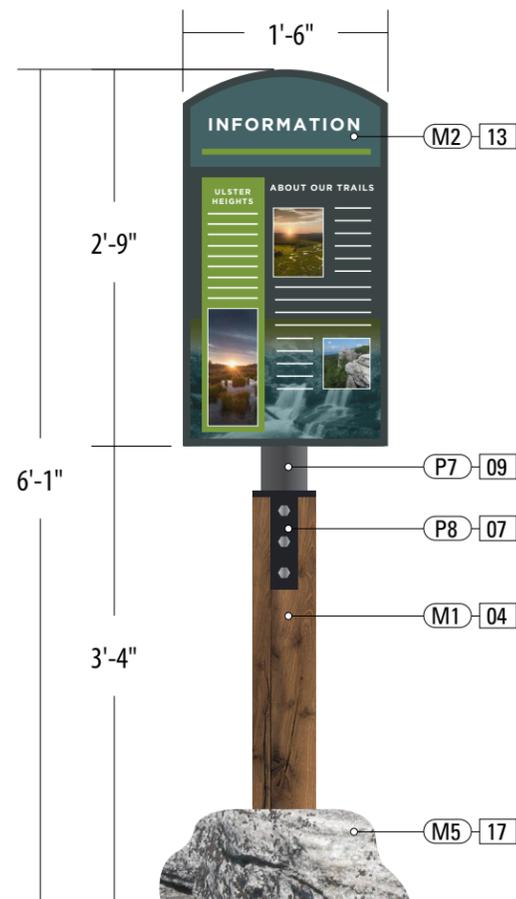
**1** Front View: TDIR.1  
 SCALE: 3/4" = 1'-0"

**2** Side View: TDIR.1  
 SCALE: 3/4" = 1'-0"

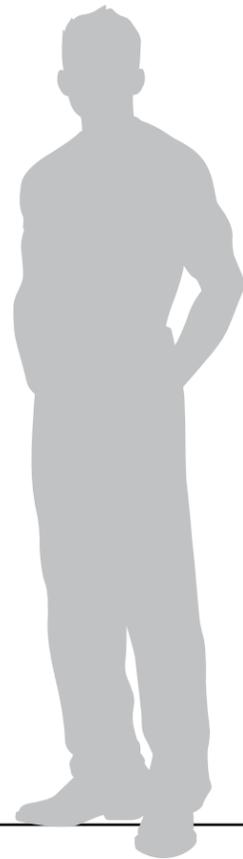
**3** Back View: TDIR.1  
 SCALE: 3/4" = 1'-0"



**4** Top View: INTERP.1  
SCALE: 3/4" = 1'-0"



**1** Front View: INTERP.1  
SCALE: 3/4" = 1'-0"



**2** Side View: TDIR.1  
SCALE: 3/4" = 1'-0"



**3** Back View: TDIR.1  
SCALE: 3/4" = 1'-0"

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

**03. SLEEVE / BRACKET**

MATERIAL: Aluminum U-channel (.1875" wall)  
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: Mechanically fastened to pole, Tamper-resistant hardware.

**04. DECORATIVE "WOOD" POST**

MATERIAL: 5.5" x 5.5" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
Ref. Material Spec. - M2  
(See Color Sheet for all color and material specifications)  
FASTENER: Mechanically fastenes to decorative base and support post.

**07. POST BRACKET**

MATERIAL: Custom Aluminum Bracket  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.

**09. SUPPORT POST**

MATERIAL: 4" x 4" Aluminum Square Post (.25 wall) 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.  
FOOTER Plate-to-plate

**13. SIGN PANELS**

MATERIAL: 1/4" thk aluminum sheet  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: As noted  
GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
Ref. Material Spec. - M2  
(See Color Sheet for all color and material specifications)  
FASTENER: Mechanically fastens to support bracket.

**17. STONE**

MATERIAL: Local Stone TBD

**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 non-corrosive 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 05/27/20

DRAWN BY: LH

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REVISIONS 10/19/20

**INTERP.1**  
**Interpretive Story**

SHEET NO.

**D.22**

**04. DECORATIVE "WOOD" POST**

MATERIAL: 7" x 7" Aluminum Square Post (.25 wall) Custom Cap at top where posts meet  
 FABRICATION PROCESS: Extruded  
 EDGES: Smooth  
 COLOR: Custom, as noted  
 GRAPHIC BACKGROUND AND COPY PROCESS: Custom dye-sub printed graphics  
 Ref. Material Spec. - M2  
 (See Color Sheet for all color and material specifications)

**23. 1/4" SIGN PANEL**

MATERIAL: 1/4" thick 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: Press-roll per 3M requirements. Mechanically fasten to stone base.

**06. POST CAP**

MATERIAL: Custom Cast Aluminum Finial  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
 FASTENER: Mechanically fastened to pole with hidden fasteners. Tamper-resistant hardware.

**17. STONE**

MATERIAL: Local Stone TBD

**18. 1/4" SIGN PANEL**

MATERIAL: 1/4" thick 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.  
 FASTENER: Press-roll per 3M requirements. Mechanically fasten to sign cabinet.

**21. CUT LETTERS**

MATERIAL: 1" Cut Aluminum Letters  
 FABRICATION PROCESS: Fabricated  
 COLOR: custom, as noted  
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.  
 FASTENER: Pin-mount flush to sign cabinet

**NOTES**

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3. Hardware: All exposed hardware shall be non-corrosive tamper proof fasteners.
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SUBCONSULTANT

SHEET TITLE

DATE 05/27/20

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**PARK.ID.1/1a**  
**Park Identification**

SHEET NO.

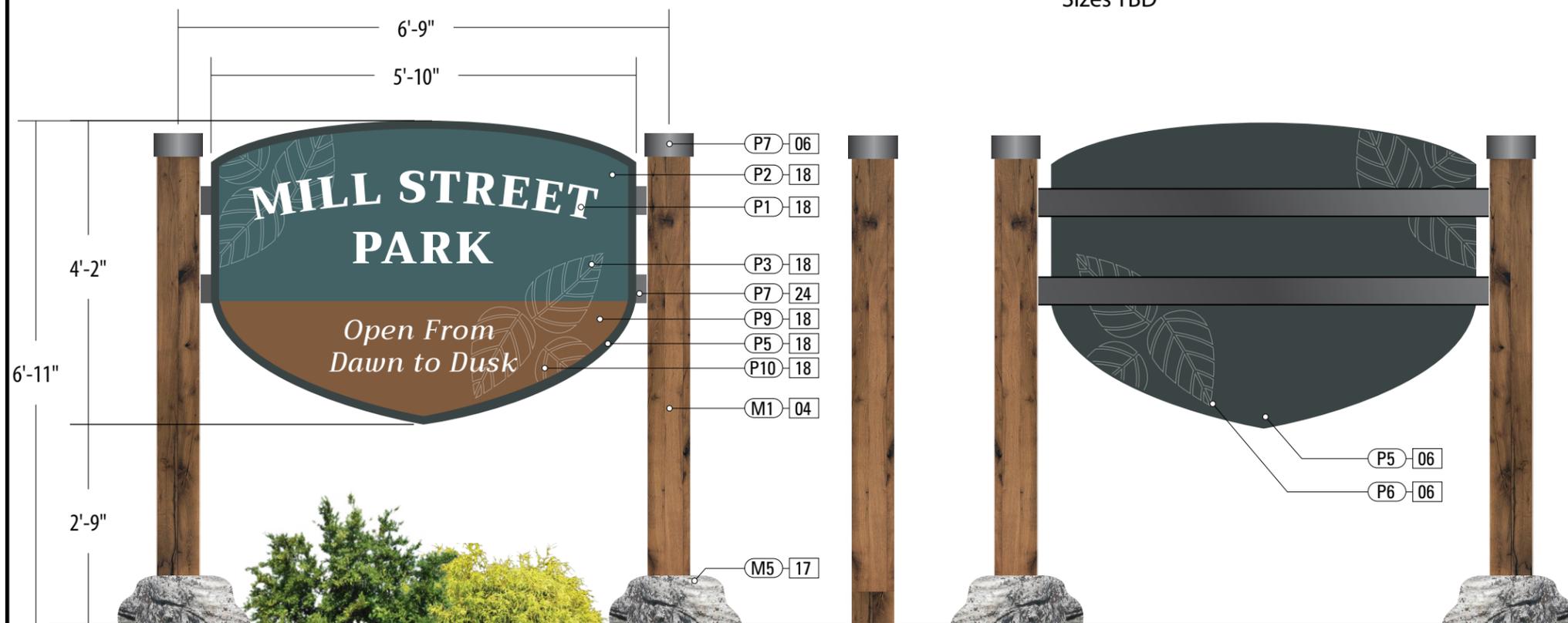
**D.23**



**4** Front View: PARK.ID.1  
 SCALE: 1/2" = 1'-0"



PARK.ID.1a  
 New panel on existing sign structure  
 Sizes TBD

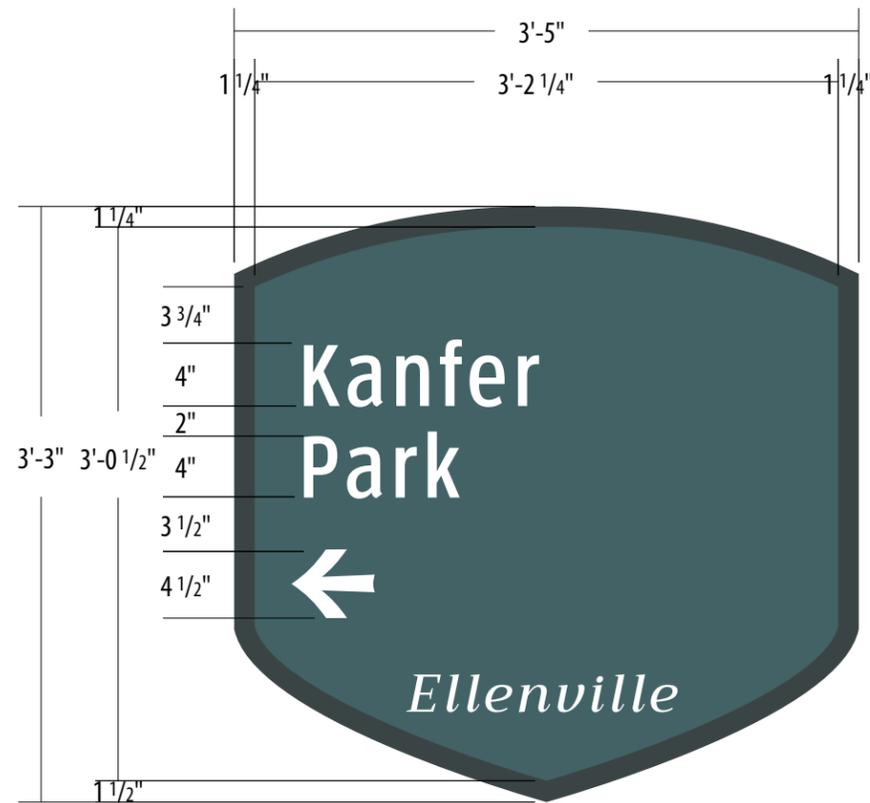


**1** Front View: PARK.ID.1  
 SCALE: 1/2" = 1'-0"

**2** Side View: PARK.ID.1  
 SCALE: 1/2" = 1'-0"

**3** Back View: PARK.ID.1  
 SCALE: 1/2" = 1'-0"

**E** | Graphic Layouts



Loc: 104b

**1** Graphic Layout: VDIR.1  
SCALE: 1" = 1'-0"



Loc: 103



Loc: 104



Loc: 110 Side: A



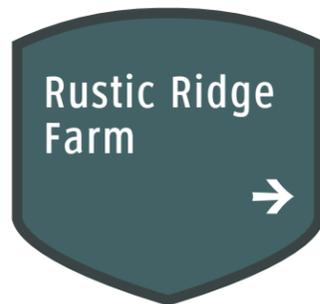
Loc: 110 Side: B



Loc: 112



Loc: 113



Loc: 115



Loc: 116



Loc: 126



Loc: 127



Loc: 129



Loc: 133a



Loc: 133b



Loc: 135a Sides: A & B



Loc: 136a



Loc: 136b

**SPECIFICATIONS**

**SIGN PANEL LAYOUTS:**

NOTES:

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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

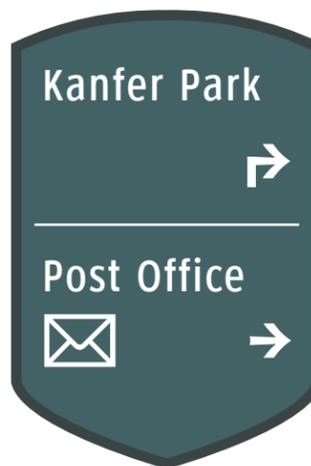
**Graphic Layouts VDIR.1**

SHEET NO.

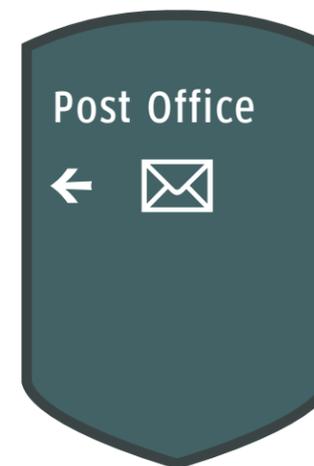
**E.1**



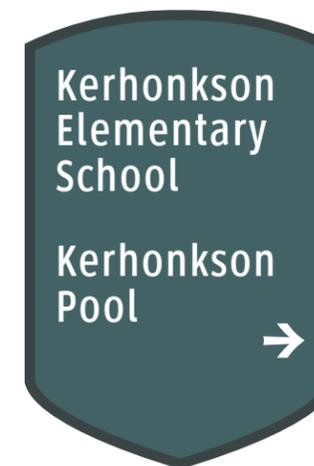
**1** Graphic Layout: VDIR.2  
SCALE: 1" = 1'-0"



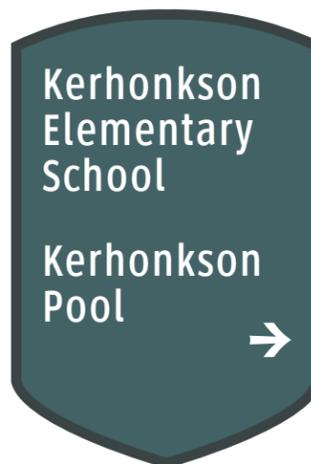
Loc: 103a Side: A



Loc: 103a Side: B



Loc: 105



Loc: 106



Loc: 118



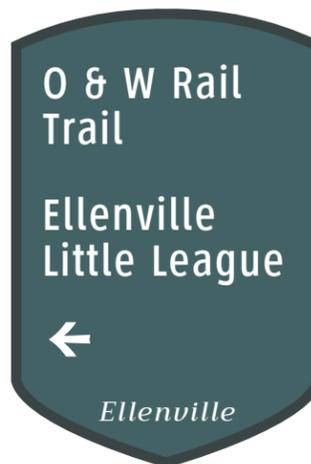
Loc: 119



Loc: 153



Loc: 162



Loc: 134c



Loc: 137



Loc: 140

**SPECIFICATIONS**

**SIGN PANEL LAYOUTS:**

NOTES:

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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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REVISIONS 10/19/20

CLIENT / PROJECT  
**Ellenville & Wawarsing, NY**  
Design Intent Documentation

PROJECT NO.

SHEET TITLE

**Graphic Layouts VDIR.2**

SHEET NO.

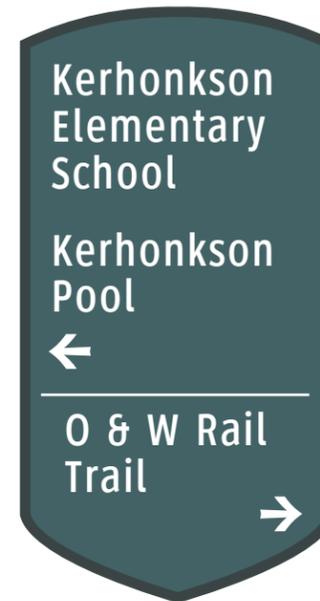
**E.2**



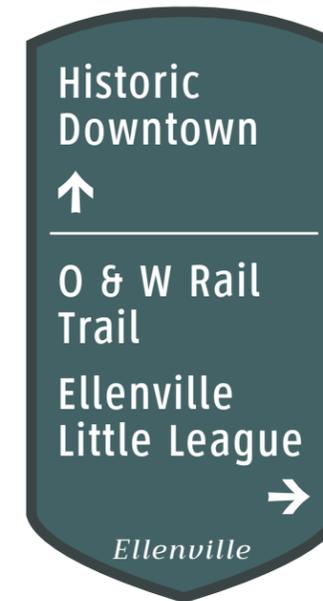
1 Graphic Layout: VDIR.3  
SCALE: 1" = 1'-0"



Loc: 108



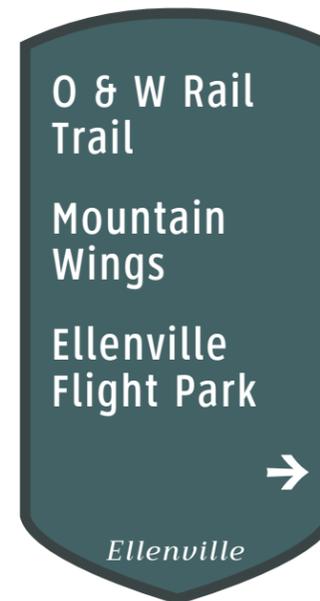
Loc: 109



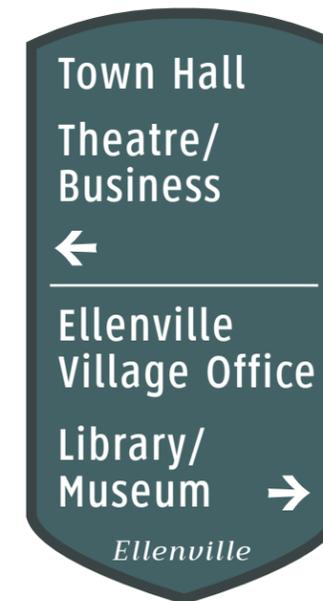
Loc: 134



Loc: 141



Loc: 142



Loc: 154

**SPECIFICATIONS**

**SIGN PANEL LAYOUTS:**

NOTES:

- Refer to message schedule for final sign messages.
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NOTES:

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PROJECT NO.

SHEET TITLE

**Graphic Layouts VDIR.3**

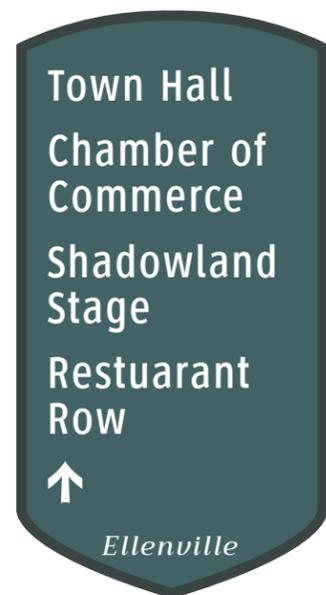
SHEET NO.

**E.3**

**SPECIFICATIONS**

**SIGN PANEL LAYOUTS:**

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



Loc: 155



Loc: 156



Loc: 157

**1** Graphic Layouts: VDIR.3  
SCALE: 1/2" = 1'-0"

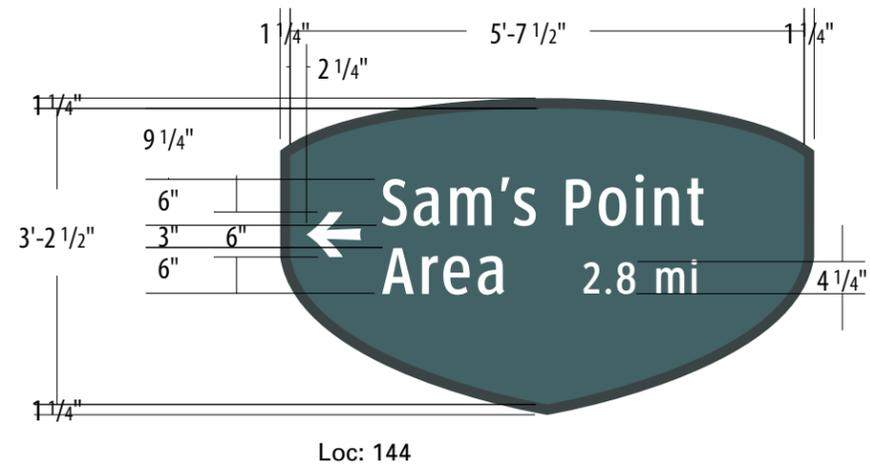
- NOTES:
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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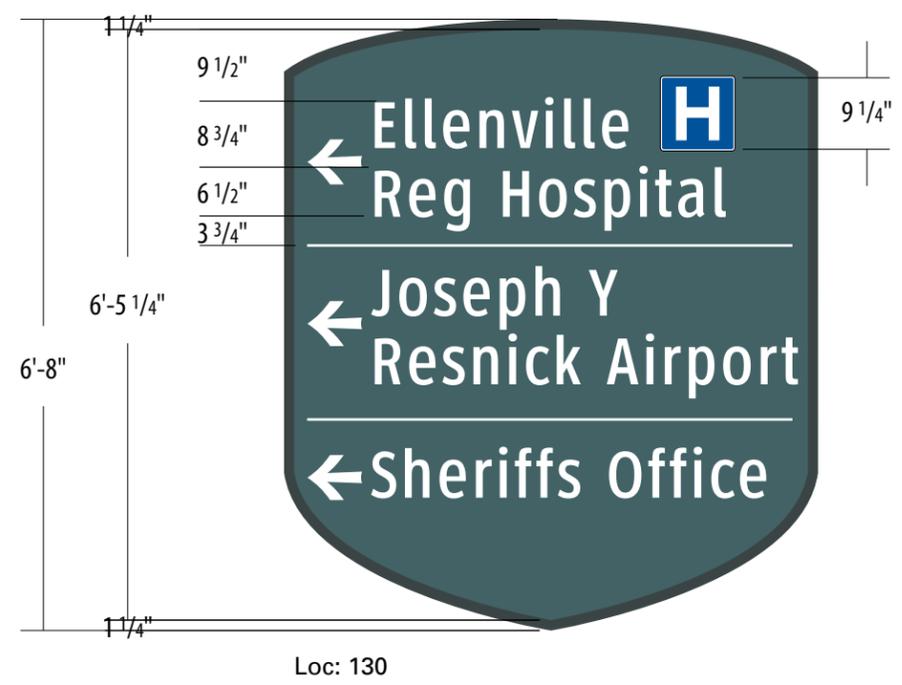
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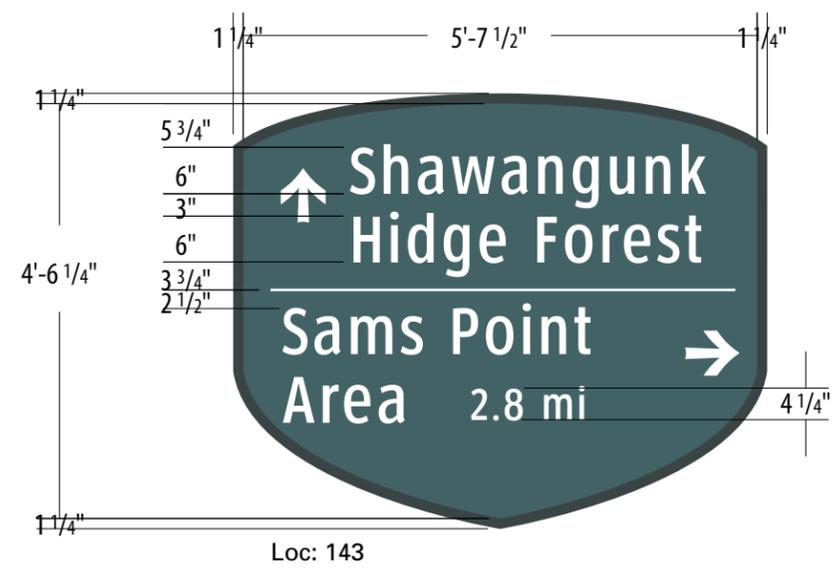
DATE	05/27/20	CLIENT / PROJECT	<b>Ellenville &amp; Wawarsing, NY</b>
DRAWN BY:	LH	Design Intent Documentation	
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be 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>		PROJECT NO.	<b>Graphic Layouts VDIR.3</b>
REVISIONS	10/19/20	SHEET TITLE	
		SHEET NO.	
			<b>E.4</b>



1 Graphic Layout: VDIR.4  
SCALE: 1/2" = 1'-0"



Loc: 130



2 Graphic Layout: VDIR.4  
SCALE: 1/2" = 1'-0"



Loc: 131

3 Graphic Layout: VDIR.4  
SCALE: 1/2" = 1'-0"

**SPECIFICATIONS**

**SIGN PANEL LAYOUTS:**

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

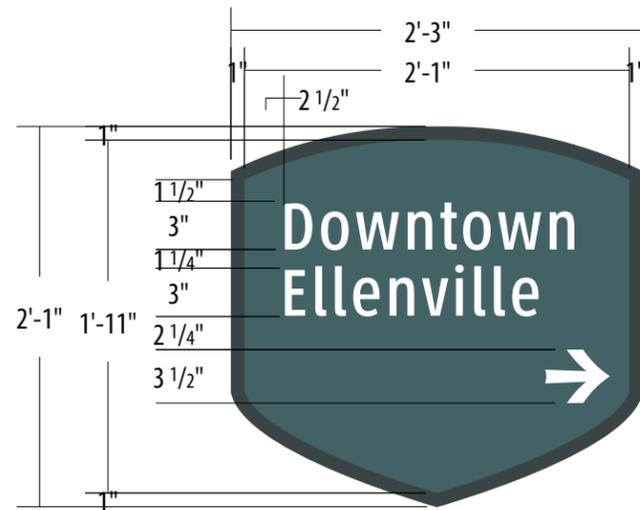
- NOTES:
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DRAWN BY:	LH	Design Intent Documentation	
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REVISIONS	10/19/20	SHEET TITLE	
		SHEET NO.	<b>E.5</b>



Loc: 143a



Loc: 145



Loc: 150

**1** Graphic Layout: RES.1  
SCALE: 1" = 1'-0"



Loc: 132



Loc: 146

**2** Graphic Layout: RES.2  
SCALE: 1" = 1'-0"

**SPECIFICATIONS**

**SIGN PANEL LAYOUTS:**

NOTES:

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

NOTES:

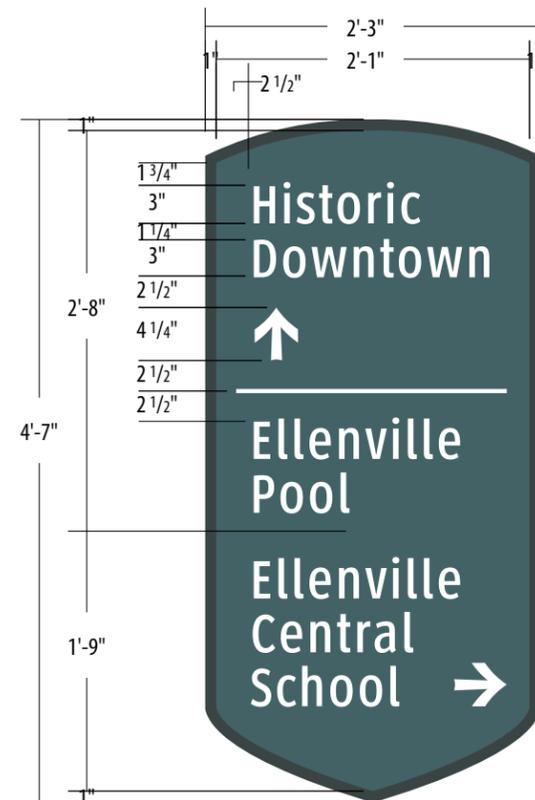
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DRAWN BY: LH	PROJECT NO.
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REVISIONS 10/19/20	SHEET NO. <b>E.6</b>



Loc: 151



Loc: 152

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

**SPECIFICATIONS**

**SIGN PANEL LAYOUTS:**

NOTES:

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NOTES:

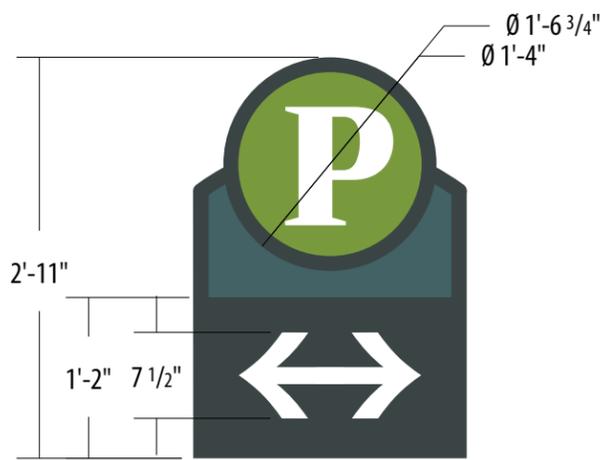
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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DATE	05/27/20	CLIENT / PROJECT
DRAWN BY:	LH	
<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><b>Ellenville &amp; Wawarsing, NY</b></p> <p>Design Intent Documentation</p>
REVISIONS	10/19/20	PROJECT NO.
		SHEET TITLE
		<p><b>Graphic Layouts RES.3</b></p>
		SHEET NO.
		<b>E.7</b>



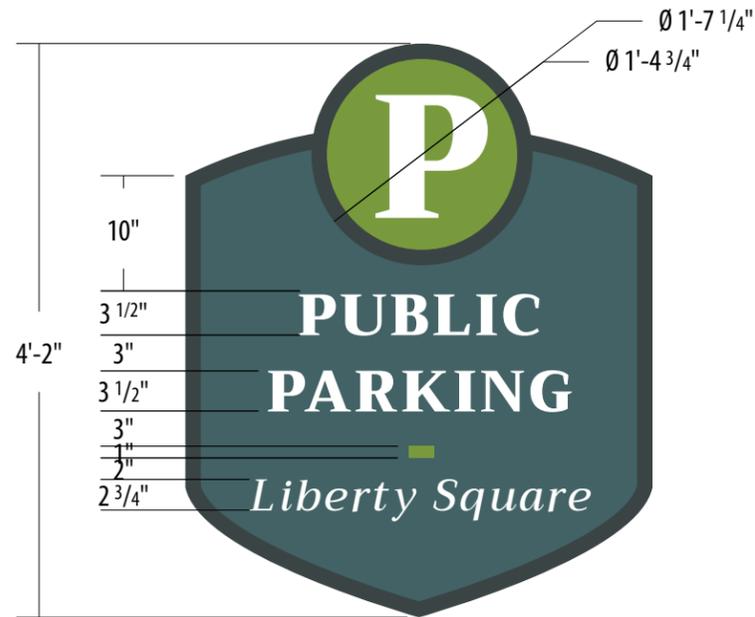
Loc 158



Loc 160



Loc 504



Loc 500



Loc 501



Loc 502



Loc 505

**1** Graphic Layout: PARK.1.1 - PARK.1.2  
SCALE: 1/2" = 1'-0"

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

**SPECIFICATIONS**

**SIGN PANEL LAYOUTS:**

NOTES:

- Refer to message schedule for final 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 project.

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DATE 05/27/20

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CLIENT / PROJECT

**Ellenville & Wawarsing, NY**  
Design Intent Documentation

PROJECT NO.

SHEET TITLE

**Graphic Layouts PARK.1-2**

SHEET NO.

**E.8**



Loc: 005



Loc: 006



Loc: 007

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

**SPECIFICATIONS**

**SIGN PANEL LAYOUTS:**

NOTES:

- Refer to message schedule for final 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.
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ENVIRONMENTS & EXPERIENCES

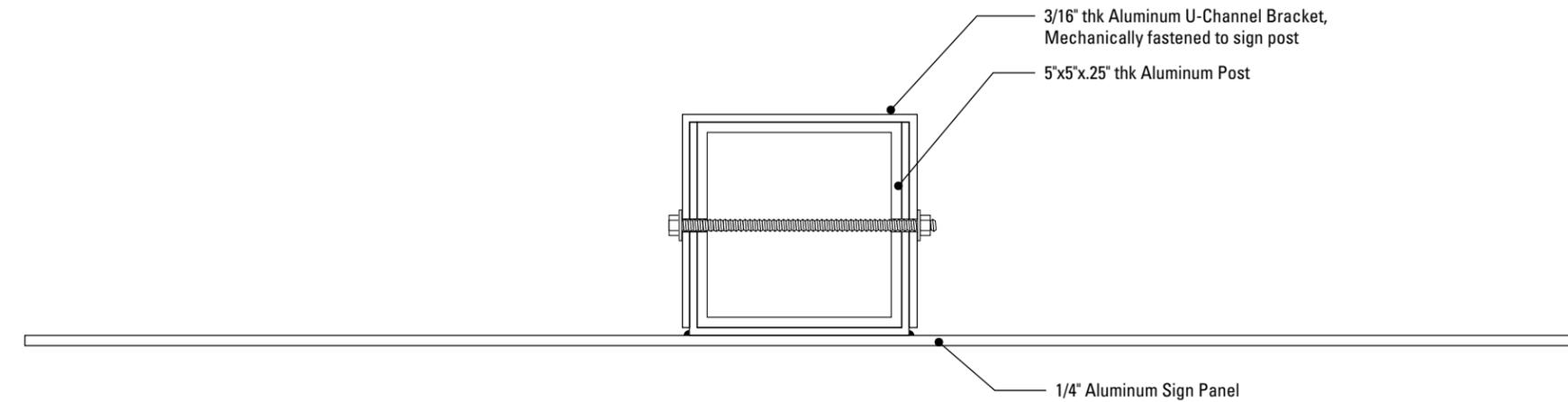
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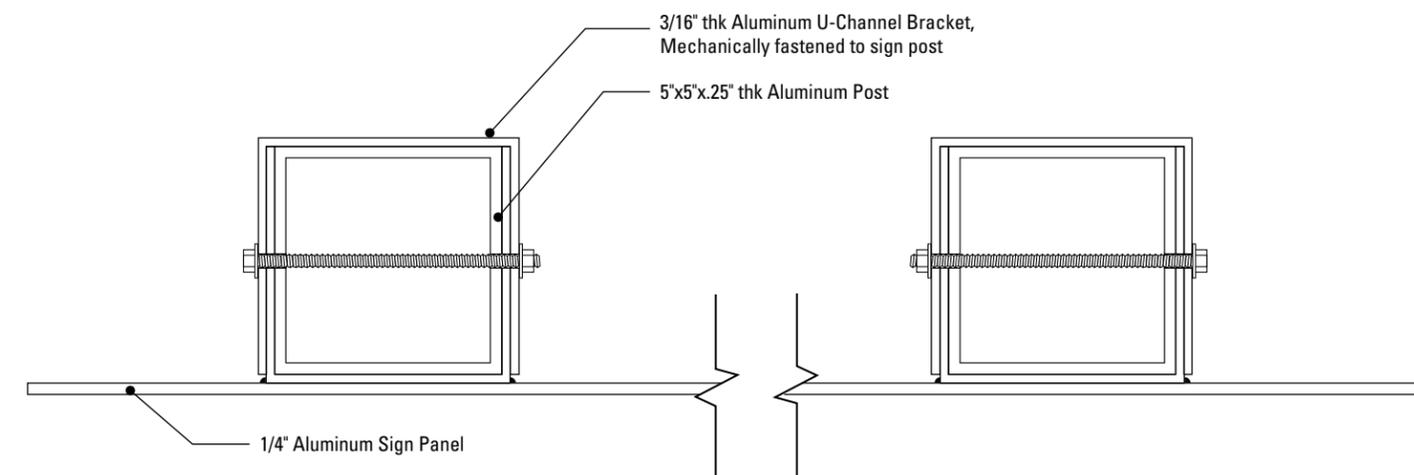
DATE	05/27/20	CLIENT / PROJECT
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REVISIONS	10/19/20	PROJECT NO.
		SHEET TITLE
		<p><b>Graphic Layouts GATE.3</b></p>
		SHEET NO.
		<b>E.9</b>

**F** | Construction Details

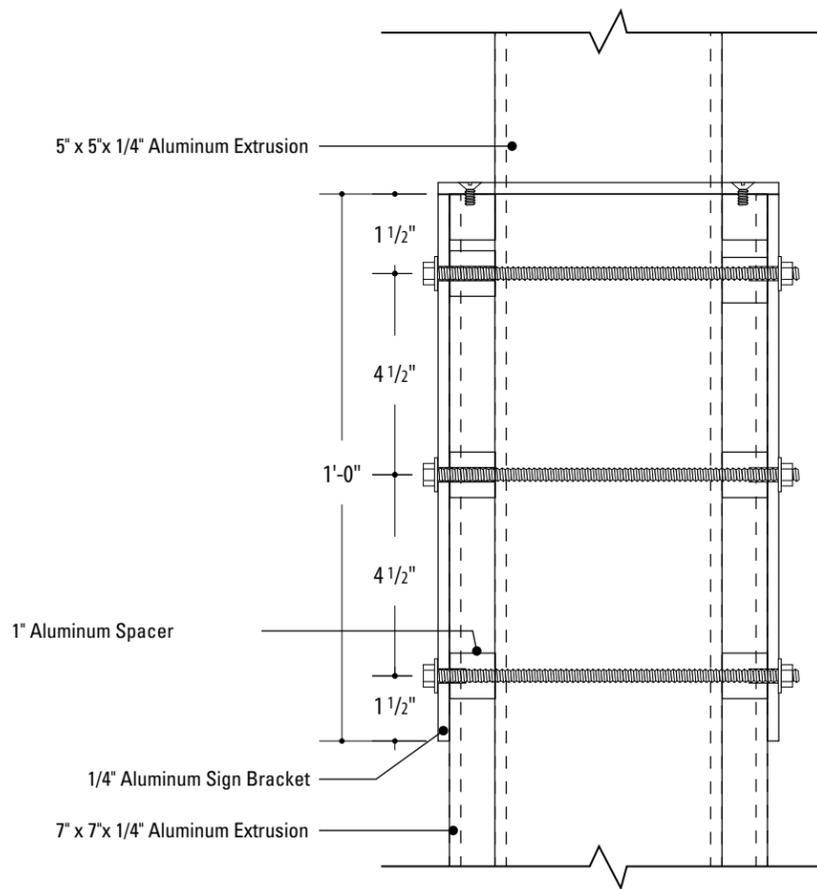
**SPECIFICATIONS**



**1** Section View: VDIR.1-3, PARK.2, GATE.3  
SCALE: 3" = 1'-0"



**2** Section View: VDIR.4-6  
SCALE: 3" = 1'-0"



**3** Section View: VDIR.1-3, GATE.3, PARK.2  
SCALE: 3" = 1'-0"

**NOTES:**

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REVISIONS 10/19/20

CLIENT / PROJECT

**Ellenville & Wawarsing, NY**  
Design Intent Documentation

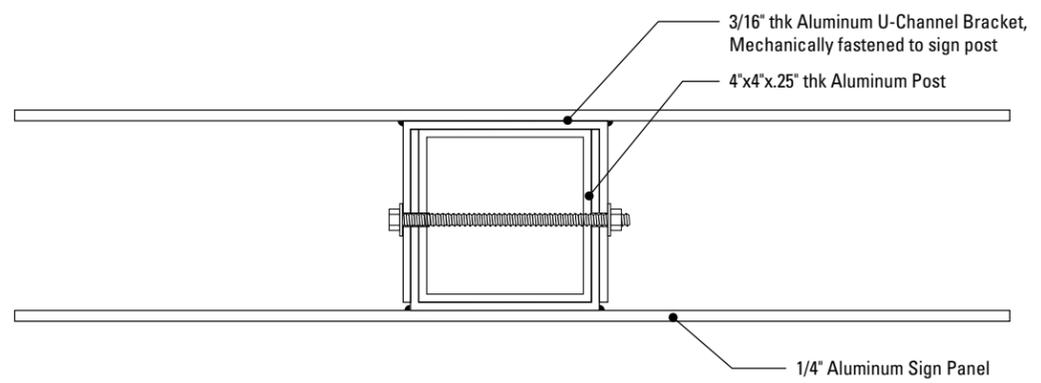
PROJECT NO.

SHEET TITLE

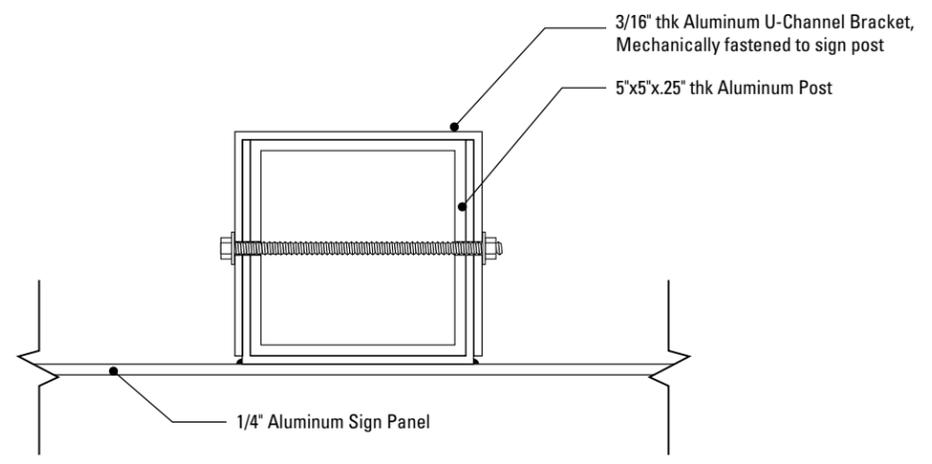
**Sign Panel Attachment Construction Details**

SHEET NO.

**SPECIFICATIONS**



**1** Section View: INTERP.1, PDIR.1.1, PARK.1.2, TRAIL.1  
SCALE: 3" = 1'-0"



**2** Section View: RES.1-3  
SCALE: 3" = 1'-0"

**NOTES:**

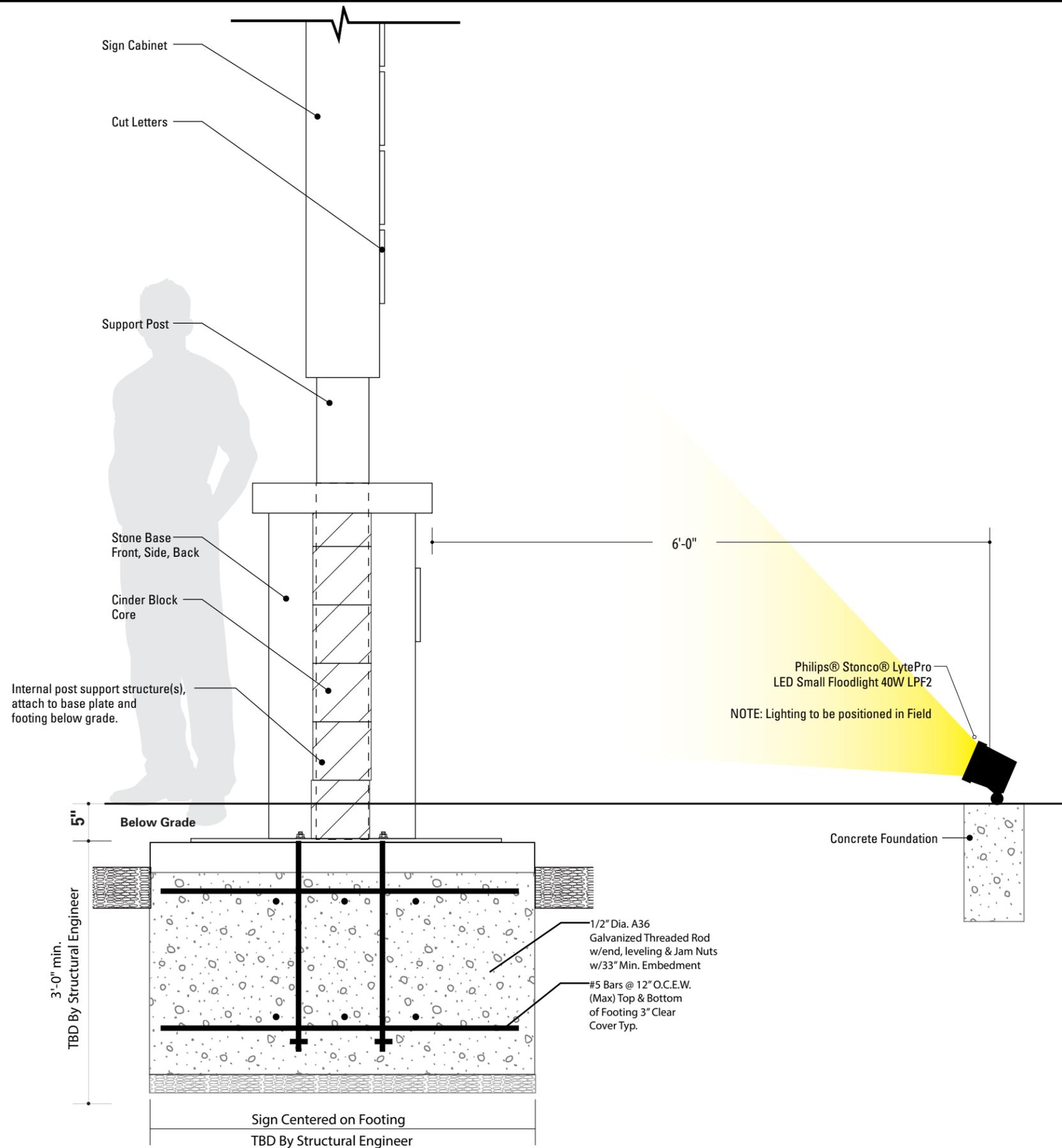
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REVISIONS 10/19/20	SHEET NO.
	<b>F.2</b>



**1** Section Detail: GATE.1-2  
SCALE: 3/4" = 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 Ellenville & Wawarsing, NY 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 Ellenville & Wawarsing, NY 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 SIGN TYPES IDENTIFIED AND REGISTERED PROFESSIONAL ENGINEER FOR Wawarsing, NY IS REQUIRED TO SIGN AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.**

**NOTE:**

**1) SOIL TO HAVE A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2,000 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 A615 FY=60,000 PSI.**

**3) FOLLOW ALL RELEVANT CITY 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.**

**5) SUBSTITUTE FOUNDATION TYPES (i.e. SCREW IN BASE) ARE ACCEPTABLE WITH ENGINEER'S APPROVAL**

**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	10/19/20	SHEET TITLE
		<b>Gateway Foundation Details</b>
		SHEET NO.
		<b>F.3</b>

**PARTS LIST**

ITEM	DESCRIPTION	SIZE/SPECIFICATIONS	QTY/ POST	PART NUMBER
	Model B525	Includes Items 1-5 below.	1	SBM525*
1	Bracket, Type B525	6061-T6 Aluminum	2	SBBK525
2	Bracket Hardware Assembly, Type B525, includes:		1	SB-B525LPH
2a	Bolt	12.7mm(1/2")-13UNCx63.5mm(2-1/2"), Hex Head, ASTM A325, Galv. ASTM A153	4	
2b	Bolt	12.7mm(1/2")-13UNCx69.8mm(2-3/4"), Hex Head, ASTM A325, Galv. ASTM A153	4	
2c	Bolt	12.7mm(1/2")-13UNCx76.2mm(3"), Hex Head, ASTM A325, Galv. ASTM A153	4	
2d	Cap Screw	12.7mm(1/2")-13UNCx31.7mm(1-1/4"), Hex Head, ASTM A307, Galv. ASTM A153	4	
2e	LockWasher	12.7mm(1/2"), ANSI B18-21-1, Galv. ASTM A153	16	
2f	Nut	12.7mm(1/2")-13UNC, Heavy Hex, ASTM A563 Gr. DH, Galv. ASTM A153	12	
3	Coupling & Special Bolt Assembly, Type B, includes:		1	SB-CBLP
3a	Special Bolt	25.4mm(1")-8UNC, ASTM A449, Galv. ASTM A153/B695	4	
3b	Coupling	25.4mm(1")-8UNC, LP, AMS 6378D, Galv. ASTM A153, Polyester Coat	4	
3c	Shim	25.4mm(1") Horseshoe, 14 Gauge, Galv. Steel Sheet	2	
3d	Shim	25.4mm(1") Horseshoe, 18 Gauge, Galv. Steel Sheet	2	
4	Hinge Assembly, Type B525, includes:		1	SB-HB1
4a	Hinge Plate	Type B525, AISI 4130 Steel, Galv. ASTM A123	4	
5	Hinge Hardware Assembly, Type B, includes:		1	SB-HHB
5a	Bolt	19.0mm(3/4")-10UNCx57.1mm(2-1/4"), Hex Head, ASTM A325, Galv. ASTM A153	8	
5b	LockWasher	19.0mm(3/4"), ANSI B18-21-1, Galv. ASTM A153	8	
5c	Nut	19.0mm(3/4")-10UNC, Heavy Hex, ASTM A563 Gr. DH, Galv. ASTM A153	8	
6	Anchor Assembly, Type B, includes:		1	SBABPK
6a	Anchor	25.4mm(1")-8UNC, 304 S.S. Ferrule, AISI 1038 Rod, AISI 1008 Coil	4	

\*Complete assembly includes Items 1-5. Item 6, Anchors sold separately.

**GENERAL NOTES:**

- Break-Safe meets all requirements of "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals."
- Break-Safe Model B525 is designed to fit W6 (W150mm) and W8 (W200mm) Wide Flange I-Beam, and 5" (127mm) and 6" (150mm) Square Tube signposts.
- Hinge Items 4 & 5 above are not used for single post sign applications.
- All hardware items are American Standard sizes, galvanized in accordance with ASTM A153 (hot dipped) or ASTM B695 (mechanically applied).
- Fasteners, except for special bolt and coupling, are installed with lockwashers, and do not have specific torque requirements. Fasteners should be secured as tight as possible with conventional wrenches, unless noted otherwise.
- Square-up and level individual components, particularly Anchors to minimize the need for shimming between the Couplings and Anchors.
- No more than two shims shall be placed under any one coupling. No more than three shims underneath any pair of couplings.
- Refer to other side of page for complete installation instructions.

**INSTALLATION INSTRUCTIONS**

**ANCHOR ASSEMBLY:**

- Note:** Precise positioning of the anchors is critical to proper assembly of the system. It is recommended that actual posts be used to locate the correct position of the anchors.
- Fabricate a flat, rigid template with four (4) 25mm (1") diameter holes located to match the specified anchor pattern of the Break-Safe Brackets attached to the signpost. See diagram below.
  - Attach four (4) Transpo Type B Female Anchors to the template using four (4) 25mm (1") diameter bolts. Ensure that each Anchor Washer is snug against the bottom of the template.
  - Lower Anchor Assembly into fresh concrete foundation, and vibrate into position such that the tops of the Anchor Washers are flush with the finished top surface of the foundation. Support the template such that all Anchors are level and in their proper locations.
  - Allow concrete to cure, and then remove the bolts and template from the top of the foundation.

**BRACKET ASSEMBLY:**

- Drill sixteen (16) 14.3mm (9/16") diameter holes in the front & back of the bottom end of post section as shown.
- Place Brackets squarely on outer surface of the post, and secure with bolts, lock washers, nuts, and cap screws. Then, tighten all 1/2 turn beyond snug.

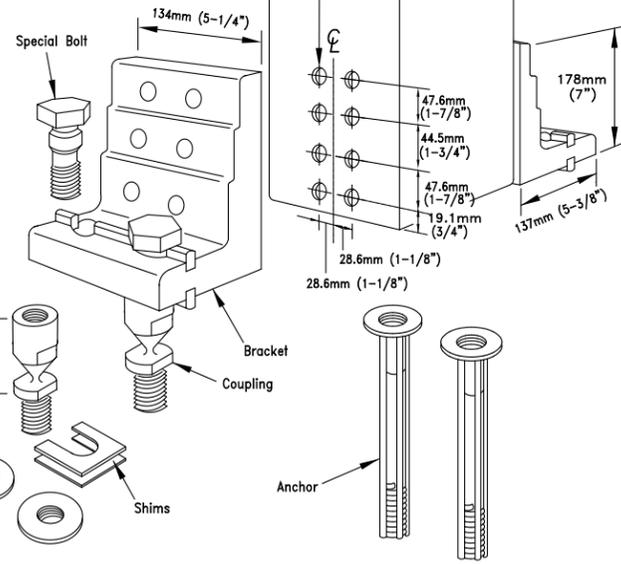
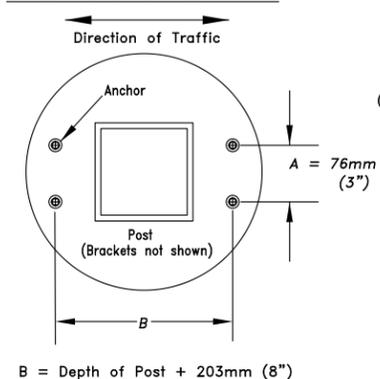
**COUPLING ASSEMBLY:**

- Thread four (4) Break-Safe Couplings into Anchors. Do not tighten.
- Suspend post assembly over foundation, insert Special Bolts through holes in the Brackets, and thread them snug into the Couplings.
- If post is not plumb, insert Shims (14g and/or 18g) between the Couplings and Anchors, where needed.
- Use lower wrench flats to tighten Couplings into Anchors as tight as possible using a conventional wrench. Do not use a pipe wrench. Couplings must be seated squarely.
- Tighten Special Bolts while holding Couplings by the upper wrench flats with an additional wrench to prevent an induced torque stress across the necked portion of the Coupling. All Special Bolts shall also be tightened as tight as possible using conventional wrenches.

**SIGN PANEL ASSEMBLY:**

- After all signposts are secured in place, attach sign panel assembly to posts in accordance with the sign manufacturer's recommendations.

**PLAN VIEW OF TYPICAL FOUNDATION**



**TRANSPO** 20 Jones Street  
INDUSTRIES, Inc. New Rochelle, NY 10801  
914-636-1000  
The Smart Solutions Company www.transpo.com

**Break-Safe Model B525**  
5" & 6" Square Tube, Single Post

Scale: Not To Scale Date: January 2015

Drawing No. BS-B525S Sheet: 2 of 2

Patent Nos. 4,528,786 and 5,596,845

**SPECIFICATIONS**

**Construction Details**  
**Sign Type:**  
**VDIR-4-6**

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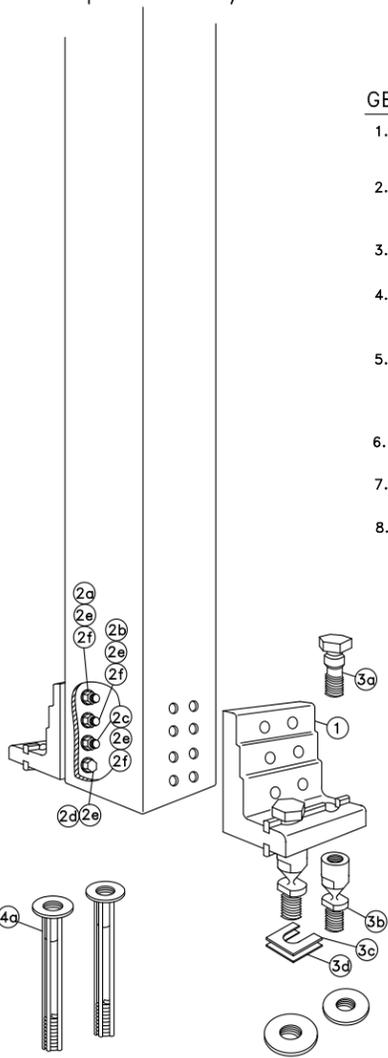
CLIENT / PROJECT

**Ellenville & Wawarsing, NY**  
Design Intent Documentation

PROJECT NO.

SHEET TITLE  
**Breakaway Base Construction Details**

SHEET NO.



Patent Nos. 4,528,786 and 5,596,845

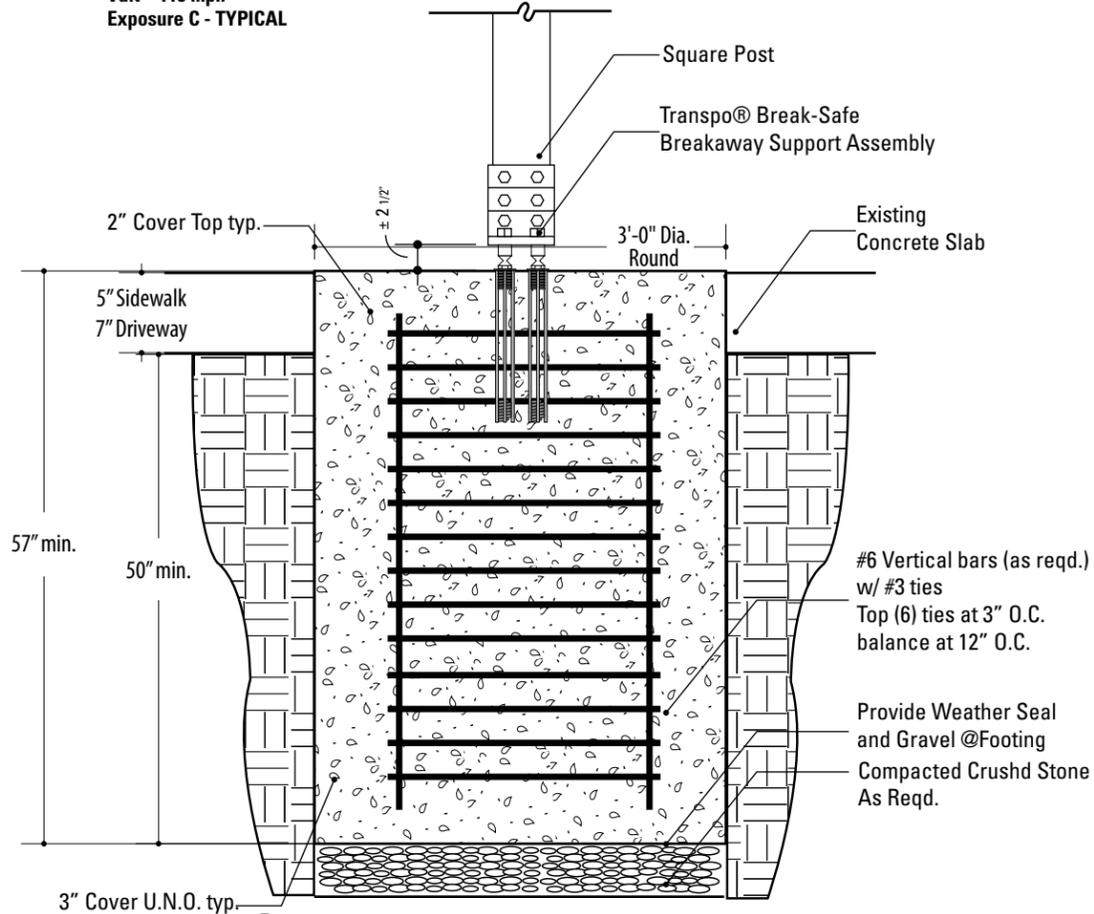
**TRANSPO** 20 Jones Street  
INDUSTRIES, Inc. New Rochelle, NY 10801  
914-636-1000  
The Smart Solutions Company www.transpo.com

**Break-Safe Model B525**  
Breakaway Support System for Sign Posts  
for 5" & 6" Square Tube Posts  
Single Post Sign Application without Hinges

Scale: Not To Scale Date: January 2015

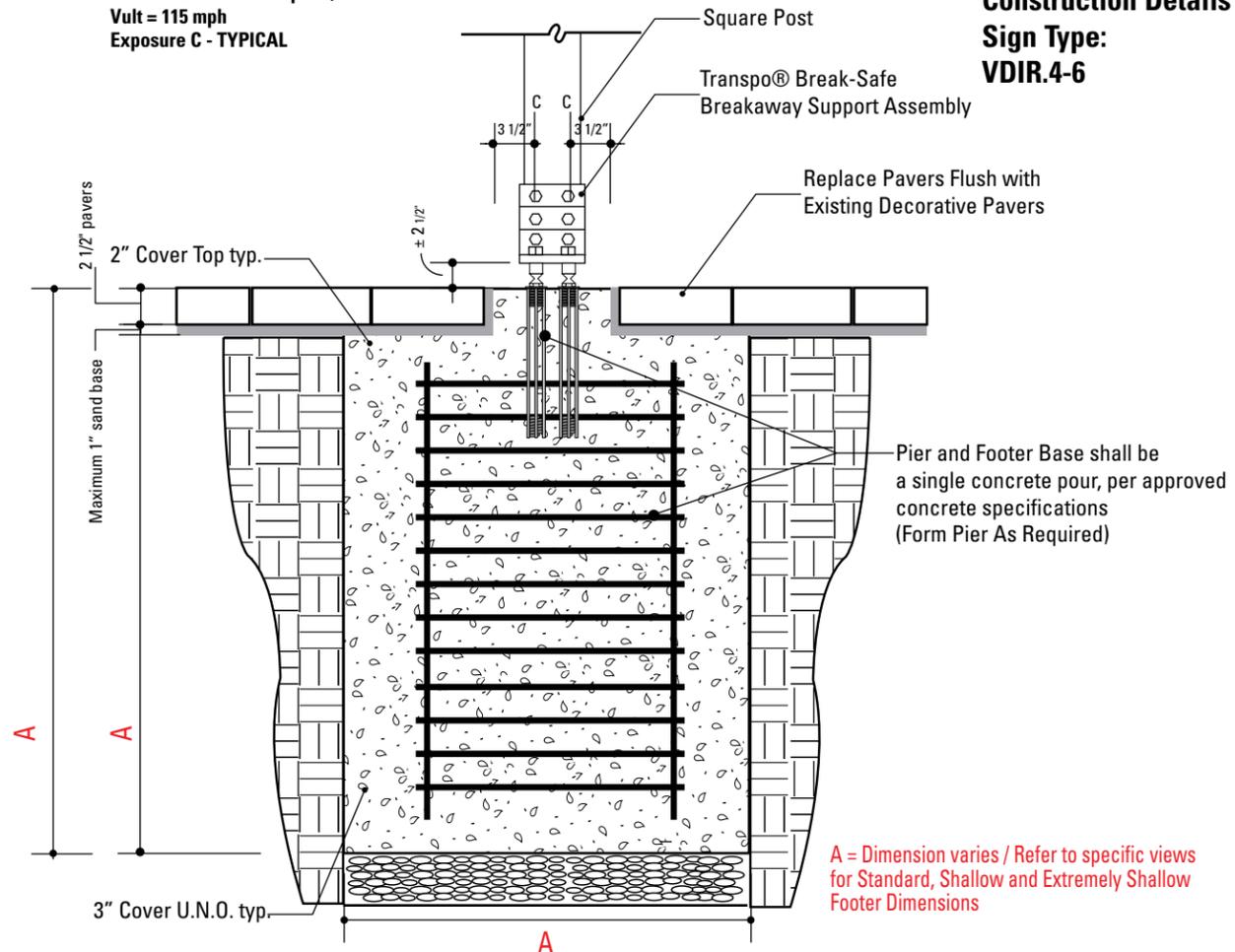
Drawing No. BS-B525S Sheet: 1 of 2

Note: Ultimate Wind Speed,  
Vult = 115 mph  
Exposure C - TYPICAL



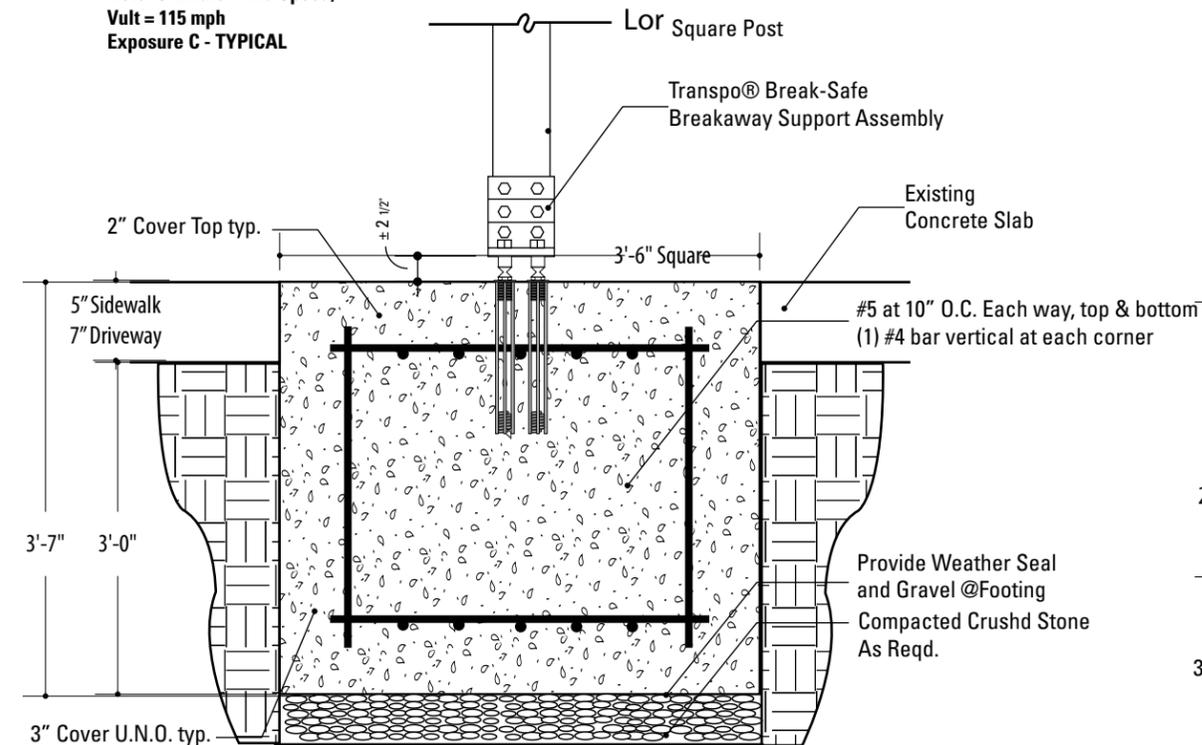
**1** Section View: Foundation @ Concrete: Typical  
SCALE: 3/4" = 1'-0"

Note: Ultimate Wind Speed,  
Vult = 115 mph  
Exposure C - TYPICAL



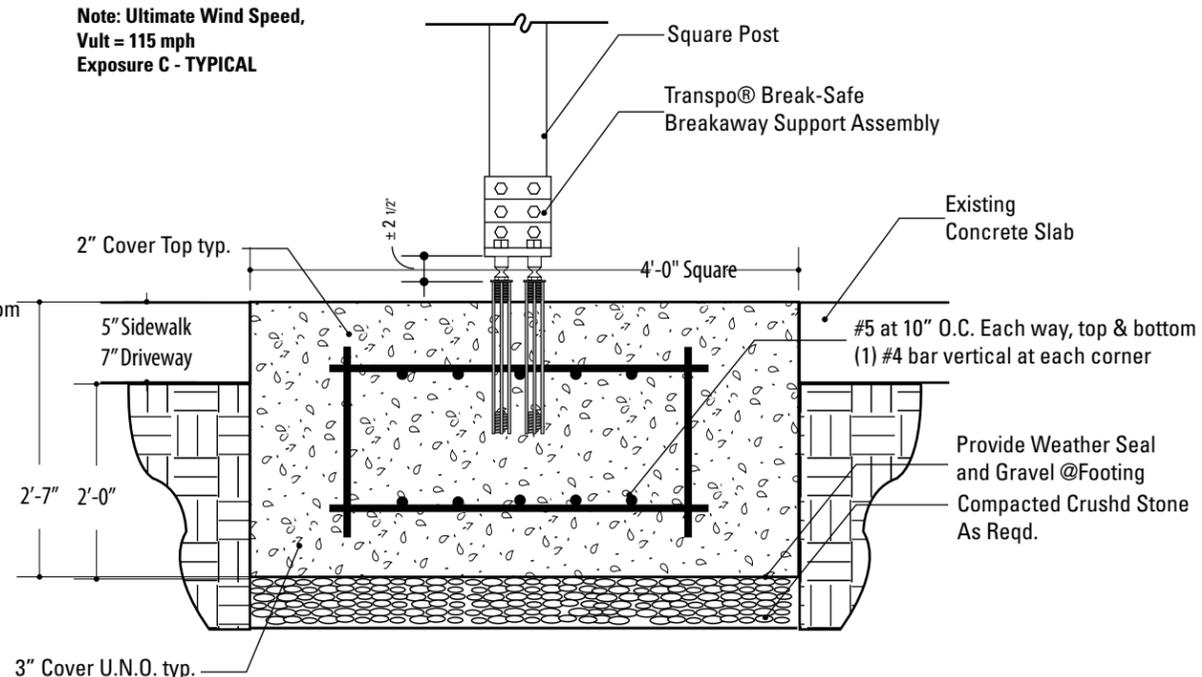
**2** Section View: Paver Replacement / Cement Collar Detail: Typical  
SCALE: 3/4" = 1'-0"

Note: Ultimate Wind Speed,  
Vult = 115 mph  
Exposure C - TYPICAL



**3** Section View: Foundation - Shallow Depth: Unforeseen Conditions  
SCALE: 3/4" = 1'-0"

Note: Ultimate Wind Speed,  
Vult = 115 mph  
Exposure C - TYPICAL



**4** Section View: Foundation - Extremely Shallow Depth: Unforeseen Conditions  
SCALE: 3/4" = 1'-0"

**Construction Details**  
Sign Type:  
**VDIR.4-6**

**SPECIFICATIONS**

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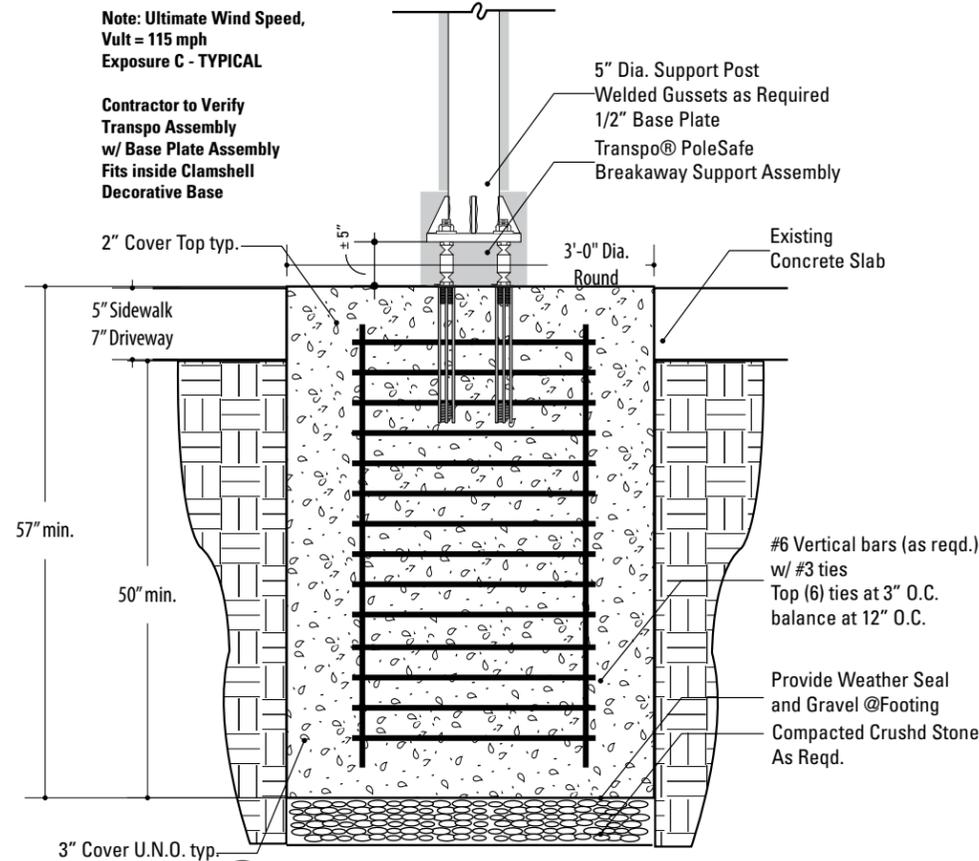
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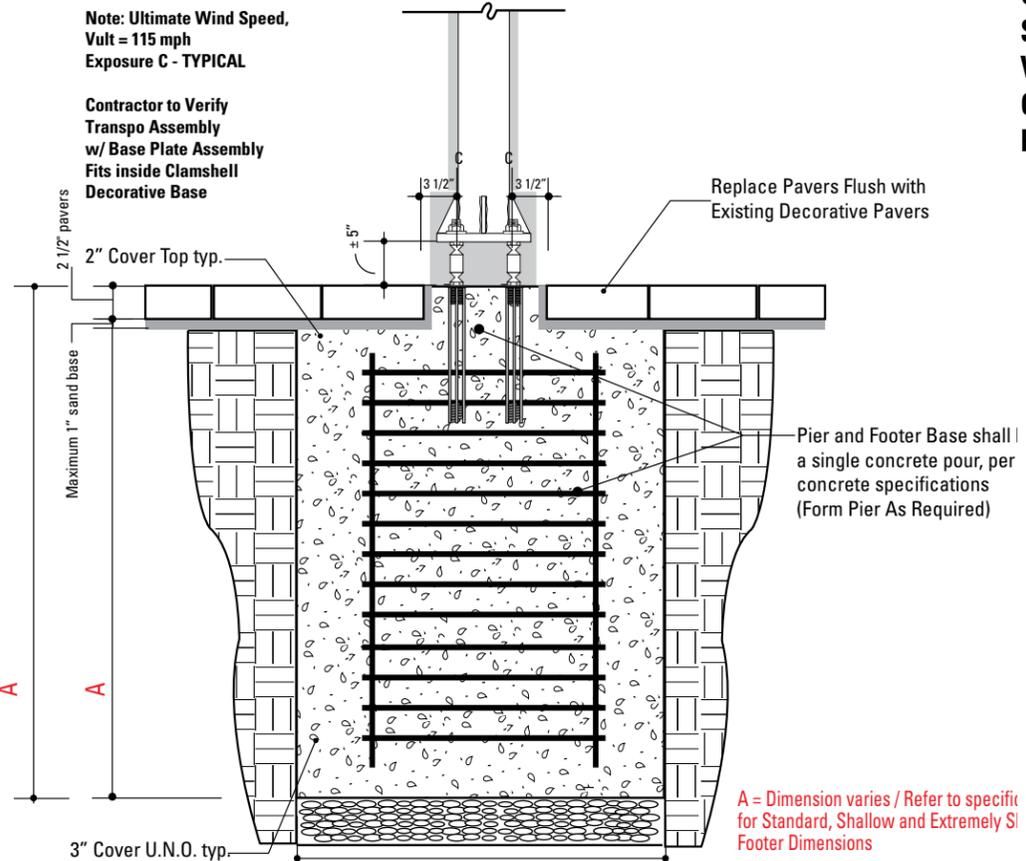
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		SHEET TITLE	Foundation Construction Details
REVISIONS	10/19/20	SHEET NO.	
			<b>F.5</b>

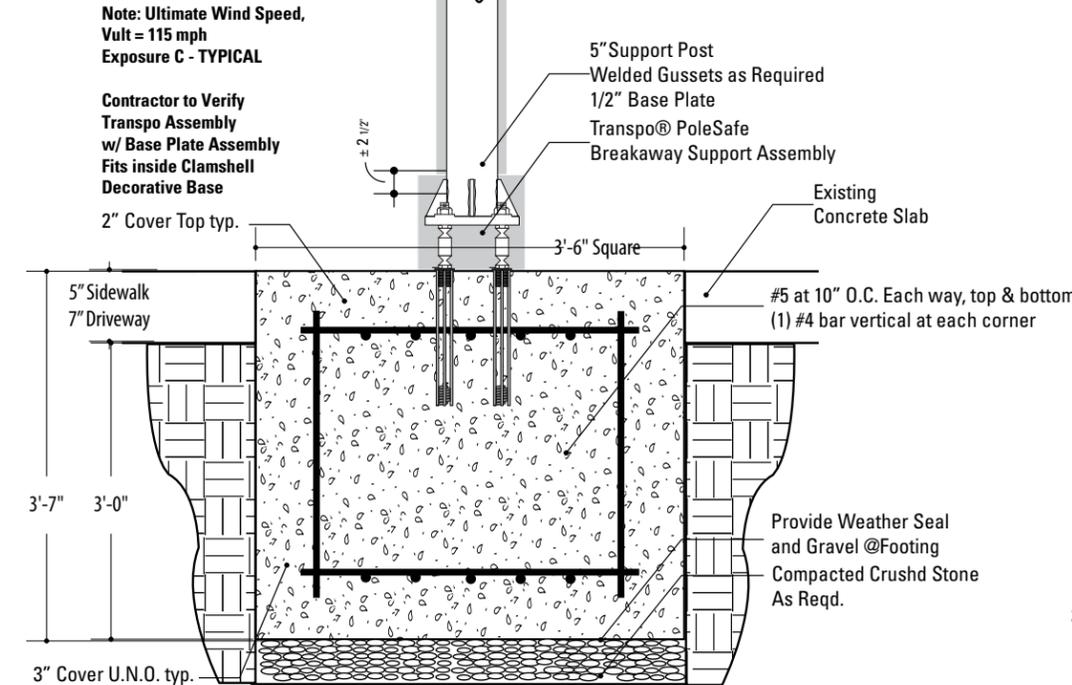
**Construction Details**  
**Sign Type:**  
**VDIR.1-3**  
**GATE.3**  
**PARK.2**



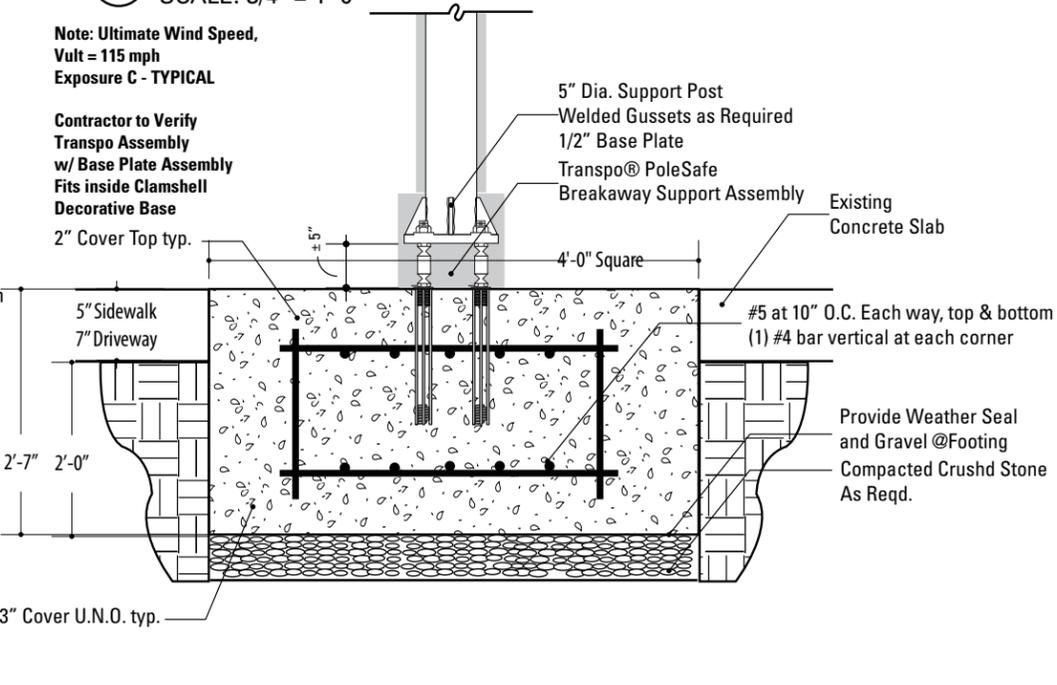
**1** Section View: Foundation @ Concrete  
 SCALE: 3/4" = 1'-0"



**2** Section View: Paver Replacement / Cement Collar Detail  
 SCALE: 3/4" = 1'-0"



**3** Section View: Foundation - Shallow Depth  
 SCALE: 3/4" = 1'-0"



**4** Section View: Foundation - Extremely Shallow Depth  
 SCALE: 3/4" = 1'-0"

**SPECIFICATIONS**

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The FABRICATOR shall be familiar with all basement/ vault locations by obtaining plans from the Ellenville & Wawarsing, NY 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 Ellenville & Wawarsing, NY 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 SIGN TYPES IDENTIFIED AND REGISTERED PROFESSIONAL ENGINEER FOR Wawarsing, NY IS REQUIRED TO SIGN AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.**

**NOTE:**

- SOIL TO HAVE A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2,000 POUNDS PER SQUARE FOOT. SOIL UNIT WEIGHT OF 125 PCF AND FRICTION ANGLE OF 30 DEGREES (ASSUMED).**
- CONCRETE STRENGTH AT 28 DAYS F'C=4,000 PSI. REINFORCEMENT SHALL BE ASTM A615 FY=60,000 PSI.**
- FOLLOW ALL RELEVANT CITY DESIGN STANDARDS FOR MATERIAL AND CONSTRUCTION INFORMATION FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS.**
- FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS.**
- SUBSTITUTE FOUNDATION TYPES (i.e. SCREW IN BASE) ARE ACCEPTABLE WITH ENGINEER'S APPROVAL**

**NOTES:**

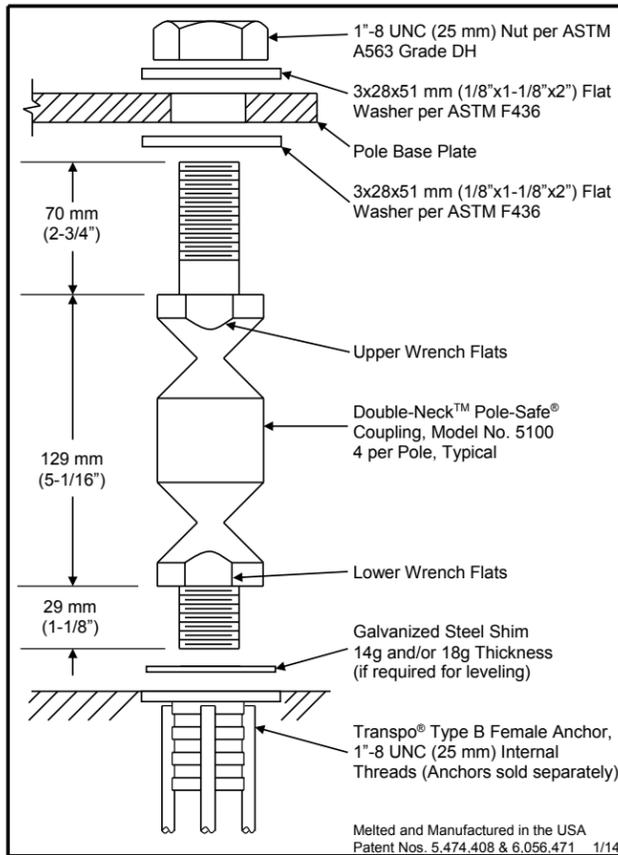
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- All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
- Hardware: All exposed hardware shall be tamper proof fasteners.
- Contractor must provide shop drawings for all structural components,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

ENVIRONMENTS & EXPERIENCES

**merje**

120 North Church Street  
 Suite 208  
 West Chester, PA 19380  
 T 484.266.0648  
[www.merjedesign.com](http://www.merjedesign.com)

DATE	05/27/20	CLIENT / PROJECT	Ellenville & Wawarsing, NY
DRAWN BY:	LH		Design Intent Documentation
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REVISIONS	10/19/20	SHEET TITLE	Foundation Construction Details
		SHEET NO.	F.6



**SPECIFICATIONS**

Performance Criteria:

1. Double-Neck™ Pole-Safe® conforms to AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals."
2. Double-Neck™ Pole-Safe® has been crash-tested and FHWA approved in accordance with the requirements of NCHRP Report 350, "Recommended Procedures for the Safety Performance Evaluation of Highway Features."
3. Maximum Allowable Pole Mass = 450 kg (992 lb) (total, including fixtures).

Physical Properties per Coupling:

1. Ultimate Tensile Strength = 221.5 kN (49.8 kips), minimum.
2. Tensile Yield Strength = 192.0 kN (43.2 kips), minimum.
3. Ultimate Restrained Shear Strength = 16.9 kN (3.8 kips), minimum.
4. Ultimate Restrained Shear Strength = 24.4 kN (5.5 kips), maximum.

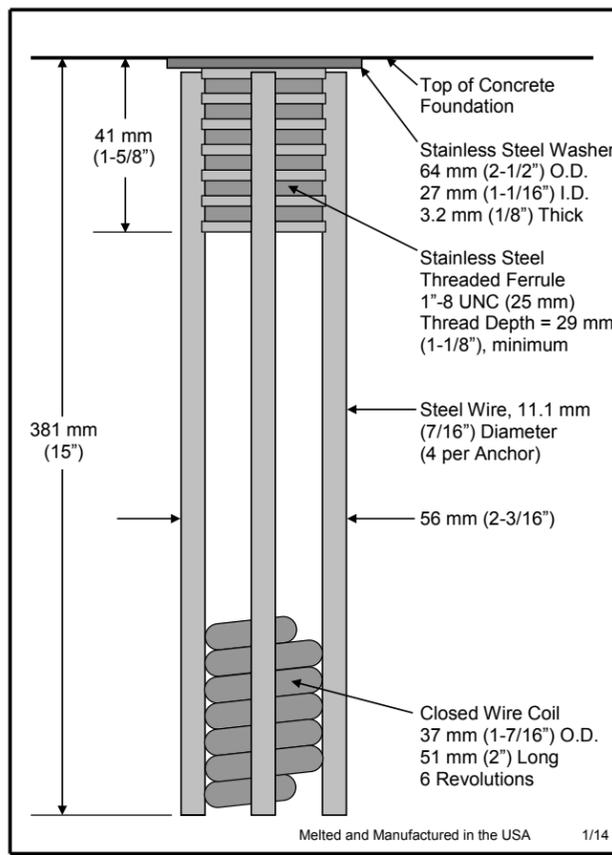
Corrosion Protection:

1. All Double-Neck™ Pole-Safe® couplings, nuts, bolts, and washers are galvanized after fabrication in accordance with ASTM A153. All leveling shims are galvanized after fabrication in accordance with ASTM A653.

**Pole-Safe® Model No. 5100**  
Breakaway Support System for Light Poles

**TRANSPO** INDUSTRIES, INC.  
The Smart Solutions Company  
20 Jones Street  
New Rochelle, NY 10801  
914-636-1000  
www.transpo.com

Melted and Manufactured in the USA  
Patent Nos. 5,474,408 & 6,056,471 1/14



**SPECIFICATIONS**

Physical Properties:

1. Ultimate Tensile Load = 267 kN (60.0 kips) minimum per Anchor.
2. Actual Pullout Strength depends on foundation design and concrete properties.

Installation Instructions:

See other side of page for typical installation diagrams.

1. Fabricate flat steel or wood template with four (4) 25 mm (1") diameter holes located to match the specified bolt pattern of the Break-Safe brackets attached to the signpost.
2. Attach four (4) Break-Safe® Type B Female Anchors to template using four (4) 25 mm (1") diameter bolts. Ensure that each Anchor Washer is flush and snug against the bottom of the template.
3. Lower Anchor Assembly into fresh concrete foundation, and vibrate into position such that the tops of the Anchor Washers are flush with the finished top surface of the foundation.
4. Support template such that all Anchors are level and in their proper locations.
5. Allow concrete to cure, and then remove bolts and template from the top of the foundation.

**Transpo® Type B Female Anchor**  
for use with Pole Safe® Model No. 5100 and 5125  
Breakaway Support System for Light Poles

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Melted and Manufactured in the USA 1/14

**SPECIFICATIONS**

**NOTES:**

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**Ellenville & Wawarsing, NY**

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PROJECT NO.

SHEET TITLE

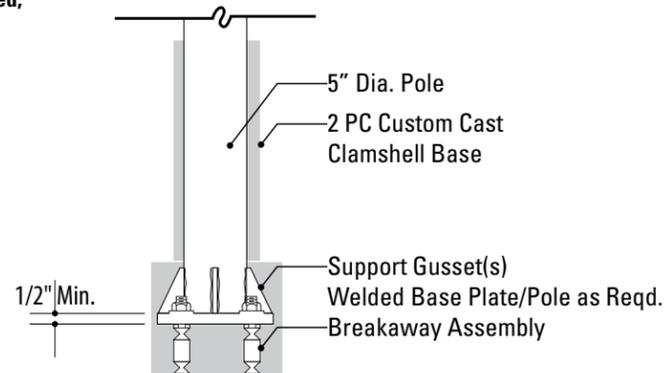
**Breakaway Construction Details**

REVISIONS 10/19/20

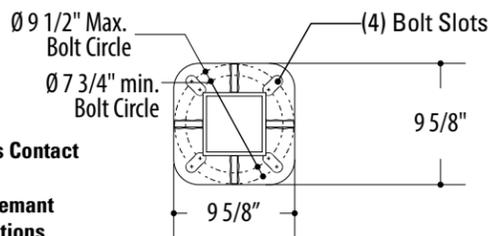
SHEET NO.

**Note: Ultimate Wind Speed, Vult = 115 mph Exposure C - TYPICAL**

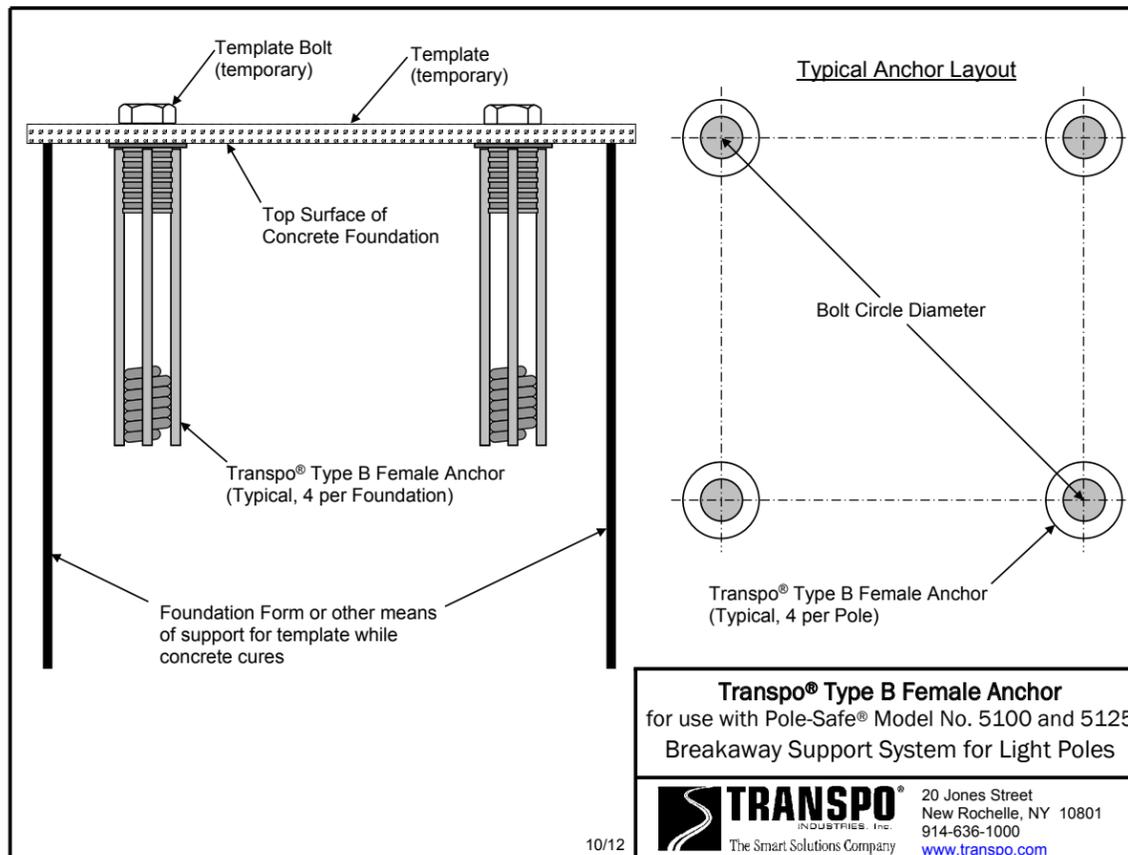
**Contractor to Verify Transpo Assembly w/ Base Plate Assembly Fits inside Clamshell Decorative Base**



**Ref. Transpo Industries Contact For Recommended Template for Hole Placement and Installation Instructions.**

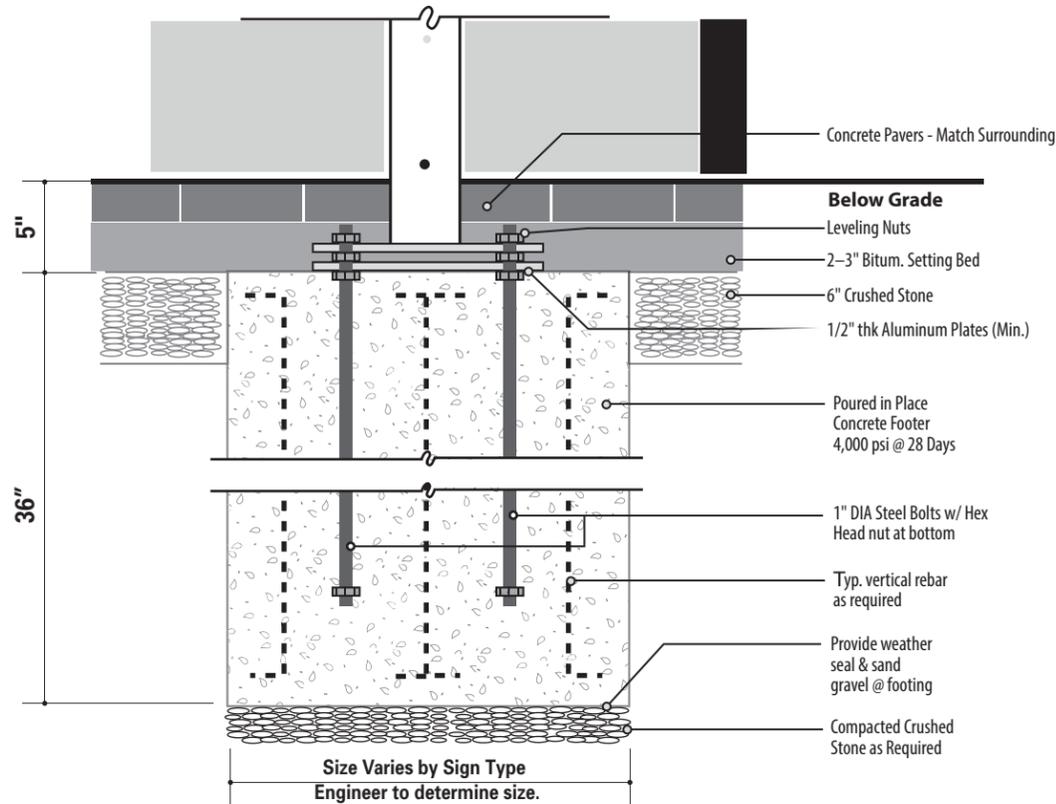


**1** Detail View: Support Pole Baseplate  
SCALE: 3/4" = 1'-0"



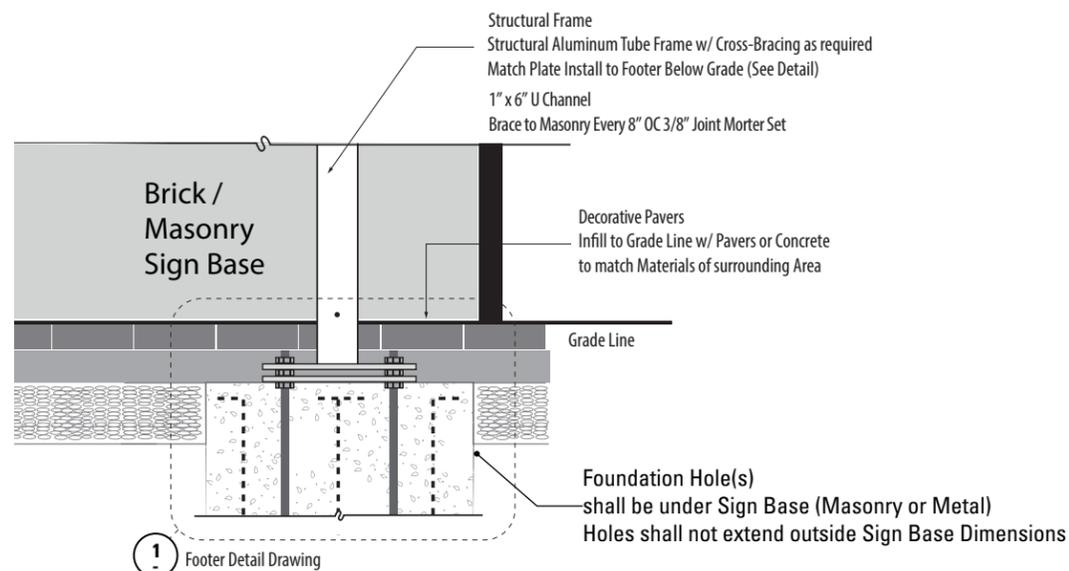
**Transpo® Type B Female Anchor**  
for use with Pole Safe® Model No. 5100 and 5125  
Breakaway Support System for Light Poles

**TRANSPO** INDUSTRIES, INC.  
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Section - Bolt w/ Nut Plate-to-Plate MOUNTING

1 Concrete Pavers Surface  
SCALE: 1" = 1' - 0"



2 Section - Detail at Base  
SCALE: 1/2" = 1'-0"

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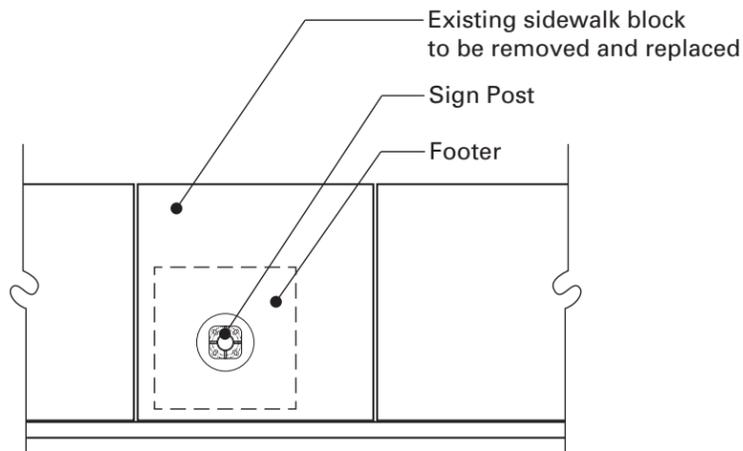
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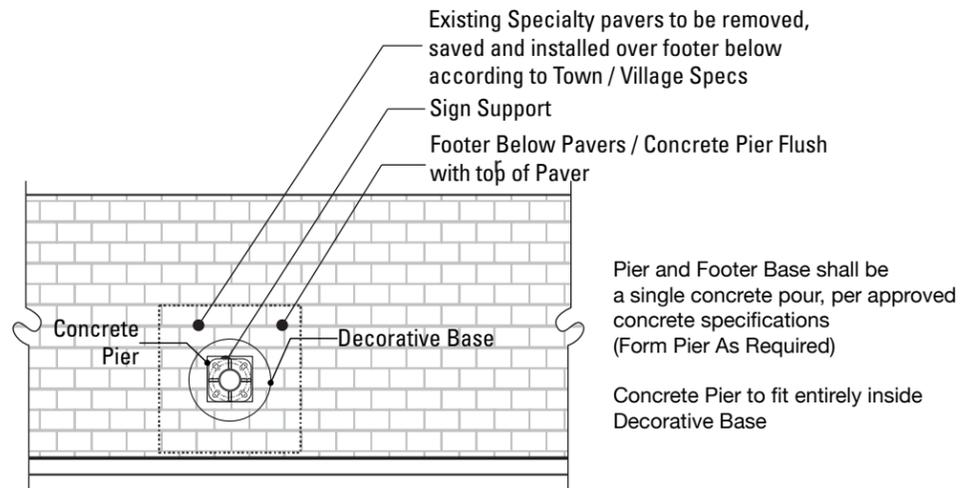
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DATE	05/27/20	CLIENT / PROJECT	Ellenville & Wawarsing, NY Design Intent Documentation
DRAWN BY:	LH	PROJECT NO.	
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REVISIONS	10/19/20	SHEET NO.	F.8



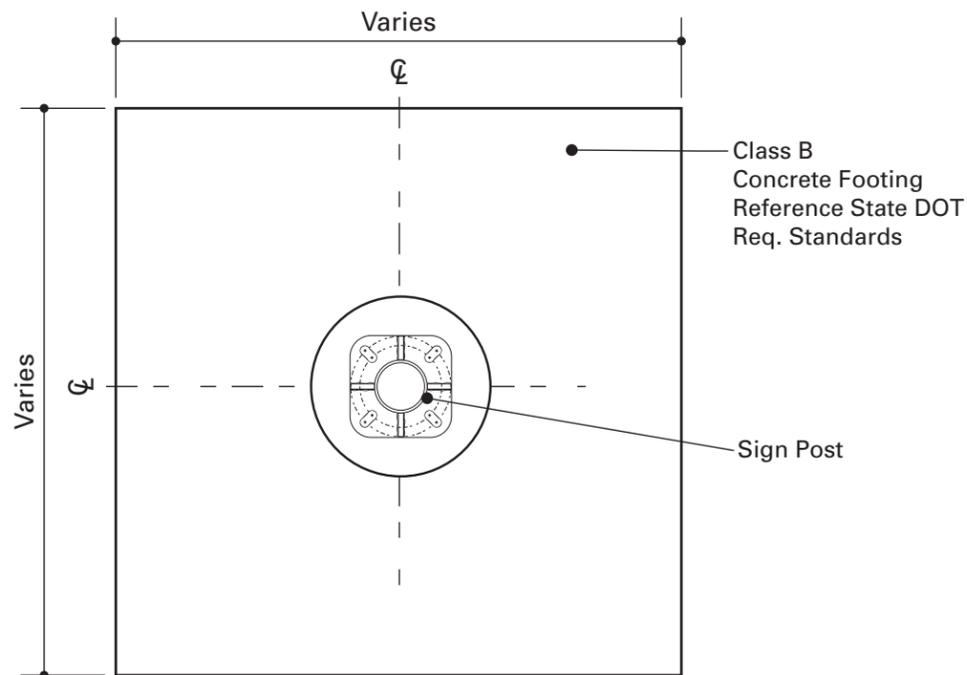
NOTE: When locating a footer within a single pavement block adjacent to at least 2 expansion joints, the entire block of pavement shall be removed and replaced with the same materials and finish of adjacent sidewalk areas.

**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



Acceptable Footer Detail



Acceptable Footer Detail



NOT Acceptable Footer Detail



NOT Acceptable Footer Detail



NOT Acceptable Footer Detail

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CLIENT / PROJECT  
**Ellenville & Wawarsing, NY**  
Design Intent Documentation

PROJECT NO.  
SHEET TITLE  
**Foundation Construction Details**

SHEET NO.

# A perfect blend of design, performance and value

## LYTEPRO LED SMALL FLOODLIGHT 40W LPF2



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Catalog No: \_\_\_\_\_  
 Fixture Type: \_\_\_\_\_  
 Mfg: \_\_\_\_\_ Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

### PHILIPS STONCO LYTEPRO LED SMALL FLOODLIGHT 40W LPF2

The Philips Stonco LytePro LED Small Floodlight allows precision and flexibility in a compact design. The LPF2 features state-of-the-art long-life LED technology and is ideal for landscapes, accenting signage or displays, facades, and many other lighting applications.

#### Ordering guide<sup>1</sup>

example: LPF2-E-4K-FL-K-F1-PCB-1-BZ

Series / # of COB <sup>2</sup>	Drive Current	Color Temperature	Distribution	Mounting	Options	Voltage	Finish
LPF2 -	E -	4K - 5K -	FL -	K -	-	-	-
LPF2 LytePro LED Small Floodlight 40W	E 500 mA	4K 4000K <sup>3</sup> 5K 5000K <sup>3</sup>	FL Flood	K Knuckle 1/2" NPT	F1 <sup>4</sup> Single Fusing F2 <sup>5</sup> Double Fusing F3 <sup>6</sup> Double Fusing, Canada PCB <sup>7</sup> Photocontrol DM25 <sup>8,9</sup> Dimmer	1 120V 2 208V 3 240V 4 277V 6 347V 8 120-277V	BZ Textured Dark Bronze WH Textured White DGY Textured Dark Gray

#### Accessories – Ordering Guide (must be ordered separately)

Catalog #	Description
LPF2WG <sup>10,11</sup>	Wire Guard
LPF2SG <sup>10,11</sup>	Stone Guard
LPFW10BZ <sup>10,11</sup>	Bronze Wall Adapter
LPFW10WH <sup>12</sup>	White Wall Adapter
LPFW10DGY <sup>12</sup>	Textured Dark Gray Wall Adapter

#### Stocked Luminaires – Ordering Guide<sup>13,14,15,16</sup>

Catalog #	Description	Master Pack, QTY	UPC Code
STKLPF2K-8	LPF2, Knuckle Mount, 120-277V	Yes, 4	786034956932

#### Footnotes:

- MTO configurations are assembled in the USA.
- COB denotes Chip On Board LED platform.
- Both 4K and 5K options have a minimum 80 CRI.
- 'F1' for 120, 277, 347V.
- 'F2' for 208, 240V.
- 'F3' for 208, 240V Canadian double pull.
- Specify voltage. 'PCB' not available with '8' universal voltage option.
- 'DM25' only available 120-277V and dims to 25% for 6 hours.
- Dimmer is suitable for use from -30°C to 40° temperature ambient only.

- Limited quantities stocked in our Carrollton RDC.
- Contact factory for availability of large order quantities.
- LPFW10WH and DGY are Made to Order only.
- All stock products are 'BZ' Textured Dark Bronze, '4K' Neutral White and 'FL' Flood Optics.
- Stock LPF products ship out of our Carrollton Distribution facility within 2-days of receipt of order.
- Always consult factory for current inventory levels. Larger quantities may be converted to MTO if necessary.
- LPF2 is provided with full 4-color POP packaging.

#### Features

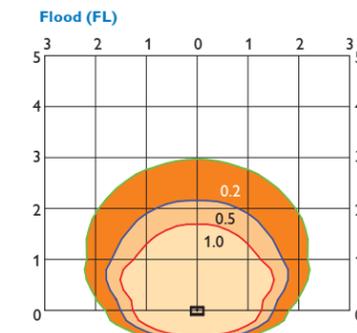
- LPF2 delivers 3,460 lumens at 40W, with an efficacy of 87 lumens per watt
- Effectively replaces equivalent 150W HID at minimum
- 4000K neutral white is standard, 5000K cool white is optional, minimum 80 CRI
- DLC certified optics provide excellent uniformity ideal for general facade, target and landscape illumination
- Fixtures are IP66 rated and suitable for use in ambients from -40°C to 40°C
- Rated system life of 100K hours for the driver and LED (>L<sub>70</sub>) at ambients up to 30°C
- 5-year limited warranty, see philips.com/warranties for details
- LPF2 stocked in dark bronze, 120-277V and 4000K Neutral White for quick 2-day shipment
- Additional made to order versions available that are assembled in the USA, consult factory for current lead time

#### Performance Specifications

Beam Specs	Flood (FL)
Initial Lumens (4K and 5K) <sup>17</sup>	3,460
Average Wattage <sup>18</sup>	40W
Lumens/Watt	87
NEMA Beam	6H x 6V
50% beam (horizontal X vertical)	93° x 79°
10% beam (horizontal X vertical)	127° x 105°
Max Candela	1,974 cd

- Lumen values based on photometric tests performed in compliance with IESNA LM-79.
- System input wattage may vary based on input voltage, by up to +/- 8%, and based on manufacturer forward voltage, by up to +/- 4%.

#### Photometrics

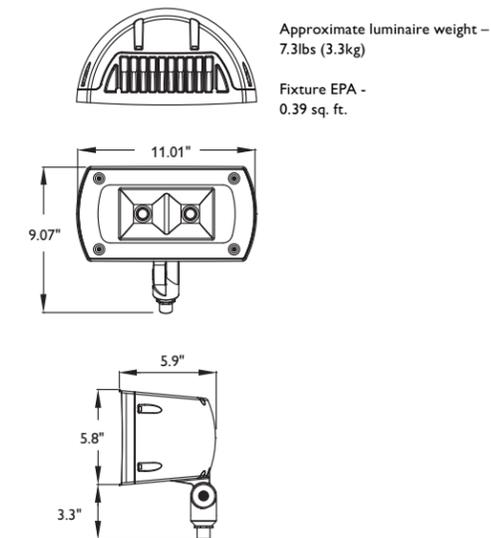


LPF2 40W - 12' Mounting Height, 30° Tilt  
 Mounting Height 18 15 12 10 8  
 Multiplier 0.32 0.56 1.0 1.5 2.5

Notes: Grid is in multiples of mounting height and values shown are in footcandles. Values shown are based on initial lumens.

## LYTEPRO LED SMALL FLOODLIGHT 40W LPF2

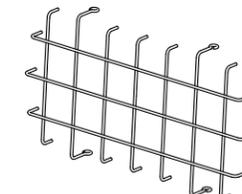
#### Dimensions



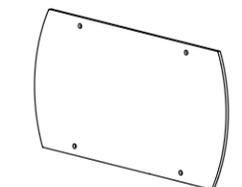
Approximate luminaire weight – 7.3lbs (3.3kg)  
 Fixture EPA - 0.39 sq. ft.

#### Accessory Details (must be ordered separately)

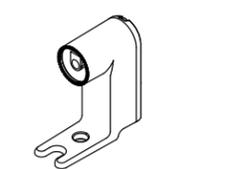
LPF2WG wire guard (field installed)



LPF2SG stone guard (field installed)



LPFW10 wall adapter (field installed)



#### SPECIFICATIONS

#### NOTES:

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PROJECT NO.

SHEET TITLE

**Ground Lighting**

REVISIONS 10/19/20

SHEET NO.

**F.10**



**SECTION 3** | Technical Specifications