

Montgomery, TX

Wayfinding Program

DESIGN INTENT DRAWINGS - DRAFT
April 26, 2024

merJe

ENVIRONMENTS & EXPERIENCES

5 W. Gay Street

West Chester, PA 19380

T 484.266.0648

www.merjedesign.com

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A | Graphic Standards

TYPEFACE FOR: VEHICULAR GUIDE SIGNS

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

SPECIFICATIONS

The Clearview typeface is the required message font for vehicular sign types

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

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

Clearview Highway

 This apostrophe is CORRECT.

PARK'S

 This apostrophe is INCORRECT.

PARK'S

NOTES

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CLIENT / PROJECT

Montgomery, TX
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PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 4/26/24

DRAWN BY: KRD

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REVISIONS

SHEET NO.

A.1

TYPEFACE FOR: GATEWAYS / IDENTIFICATION

Avenir Next 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

1 2 3 A

NOT acceptable

SPECIFICATIONS

The Avenir Bold typeface is the required message font for Gateway and ID Sign Types

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

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

Avenir Next Bold

! This apostrophe is CORRECT.

PARK'S

X This apostrophe is INCORRECT.

PARK'S

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REVISIONS

Typography Specifications

SHEET NO.

A.2

TYPEFACE FOR: GATEWAYS / IDENTIFICATION

Avenir Next Regular
 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	Downtown	Downtown
acceptable	NOT acceptable	NOT acceptable

123A	123A	123A
acceptable	NOT acceptable	NOT acceptable

SPECIFICATIONS

The Avenir Regular typeface is the required message font for Gateway and ID Sign Types

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

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

Avenir Next Regular

 This apostrophe is CORRECT.
 PARK'S

 This apostrophe is INCORRECT.
 PARK'S

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REVISIONS

Typography Specifications

SHEET NO.

A.3

LETTER-SPACING

Inconsistencies in Letter Spacing

Corrected Letter Spacing

TYPEFACE 1

City Hall

TYPEFACE 1

City Hall

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

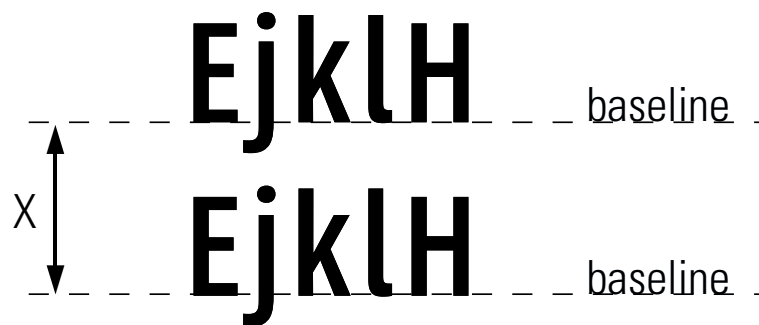
COPY HEIGHT

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.

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REVISIONS

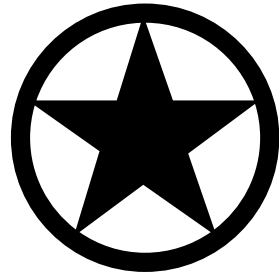
Typography Specifications

SHEET NO.

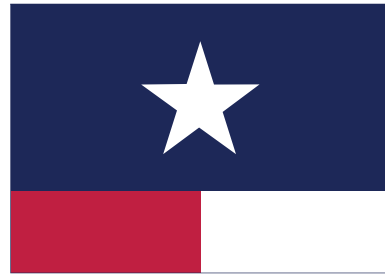
A.4

LOGO ELEMENTS / ENHANCEMENT MARKERS

Utilized in Vehicular & Pedestrian signage



Star Logo



Flag Pattern



Header Band

PICTOGRAPH

Utilized in Vehicular & Pedestrian signage



Library



Shopping



Food



Information



Parking



Pedestrian Trail



Playground



Covered
Picnic Area



Baseball



Basketball



Volleyball

ARROWS

Utilized in Vehicular Directional signage



Left Arrow



Up-Left Arrow



Straight Arrow



Up-Right Arrow



Right Arrow



Straight Arrow



Left Arrow



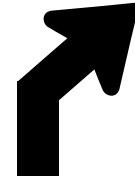
Right Arrow



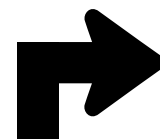
Straight-Left Arrow



Up-Straight-Left Arrow



Up-Straight-Right Arrow



Straight-Right Arrow

Arrow Sequence

When multiple directions are required on a sign, the following directional hierarchy shall take precedent. See example on right.

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!**

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DRAWN BY: KRD

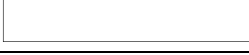





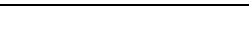
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions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

REVISIONS



SHEET NO.

A.5

R REFLECTIVE VINYL	NAME	SPECIFICATION	APPLICABLE	PROCESS
R1		White 3M High Intensity Prismatic Reflective Sheeting 3930 Color: White	Standard for System (typ.)	Knockout White: Background and Characters 3M custom inks direct to 3930 with 3M approved Clear UV/Graffiti overlaminate. *Applied according to Manufacturers Spec to aluminum sheet.
R2		Charcoal 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: PANTONE TBD	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		Texas Red 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: PANTONE 193C	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		Texas Navy 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: PANTONE 281C	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		Park Green 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: PANTONE TBD	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		Park Brown 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: PANTONE TBD	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.
R7		Black 3M High Intensity Prismatic Reflective Sheeting 3930 Color Match: PANTONE TBD	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 PAINTS	NAME	SPECIFICATION	APPLICABLE	PROCESS
R1		White Color Match: Pantone® white	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R2		Charcoal Color Match: PANTONE TBD	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R3		Texas Red Color Match: PANTONE 193C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R4		Texas Navy Color Match: PANTONE 281C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R5		Park Green Color Match: PANTONE TBD	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R6		Park Brown Color Match: PANTONE TBD	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R7		Black Color Match: PANTONE TBD	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *

* MUST comply with MUTCD section Table 2A-3 – Minimum maintained retroreflectivity levels. Approved process: Durst RHO 161 TS printer. Sherine Industries: (604) 513-1887.
NOTE: All 3M products are to be processed and applied according to 3M specifications. The seaming of material is NOT preferred. If the height of a sign panel is greater than 48 inches, the 3M 3930 material should be oriented vertically with stripes at 0 degrees, to avoid the seaming of material. If seaming is required, it should occur at the rule line or between messages.

M MATERIALS	NAME	SPECIFICATION	APPLICABLE	PROCESS
M1		Masonry Base Delgado Stone - Dusty Rose - Ashlar Pattern	Gateway Signage, Kiosk, ParkID	Stone Surfacing over Concrete / CMU Base Use mortar at all joints
M2		Capstone COLOR: Baja C-015 / FINISH: Smooth	Gateway Signage, Kiosk, ParkID	2" Empire Pre-Cast Concrete Cap installed on top of Masonry Base. Use mortar at all joints

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.

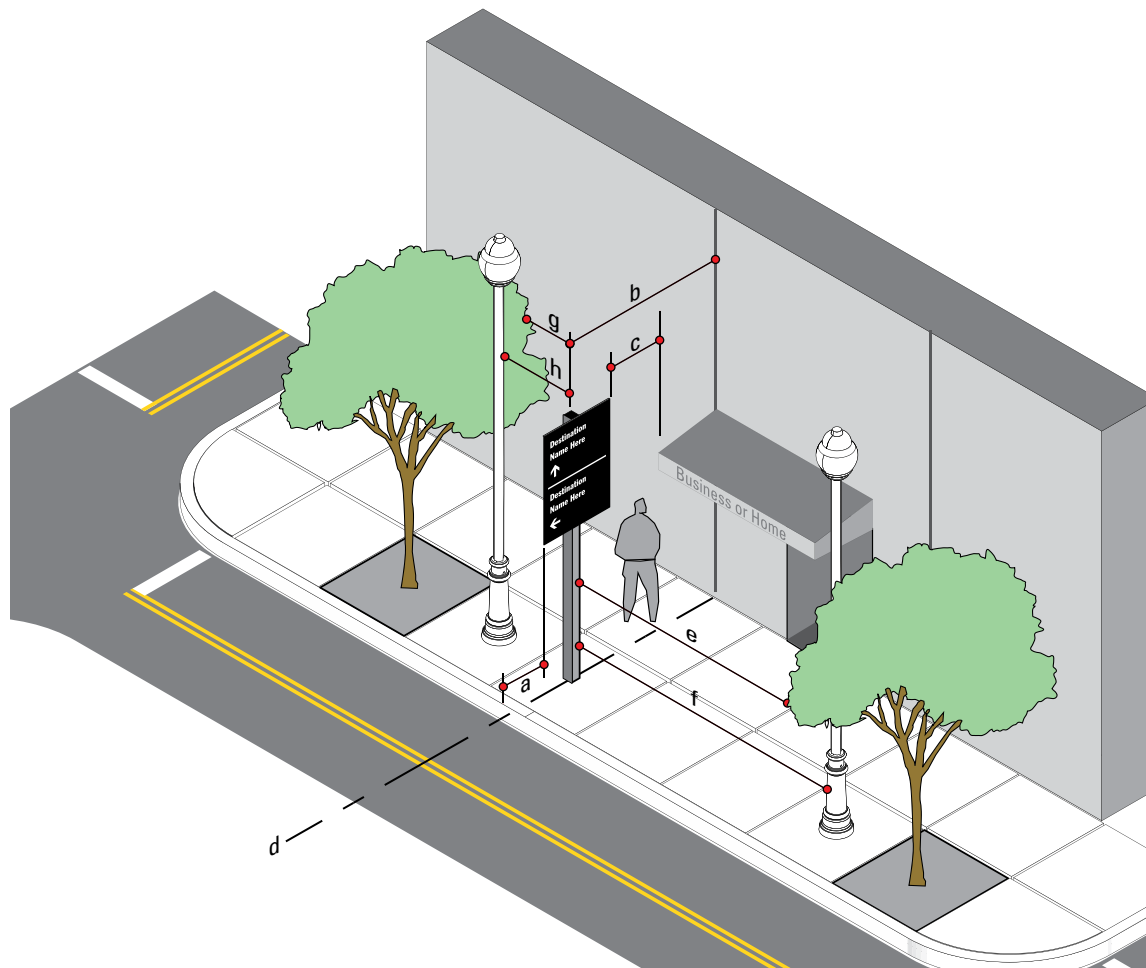
The colors must look exactly the same every time they are used so that people associate them with the Wayfinding Program. All media, vinyl, paint, and inks must be produced so that the colors match as specified on this page.

NOTES

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5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE	DRAWN BY:	Color Chart
4/26/24	KRD	
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		A.6

B | Placement Guidelines

Figure 1
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 1 - Lateral Clearance Guidelines

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

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

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

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

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

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

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

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

NOTES

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CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 4/26/24

DRAWN BY: KRD

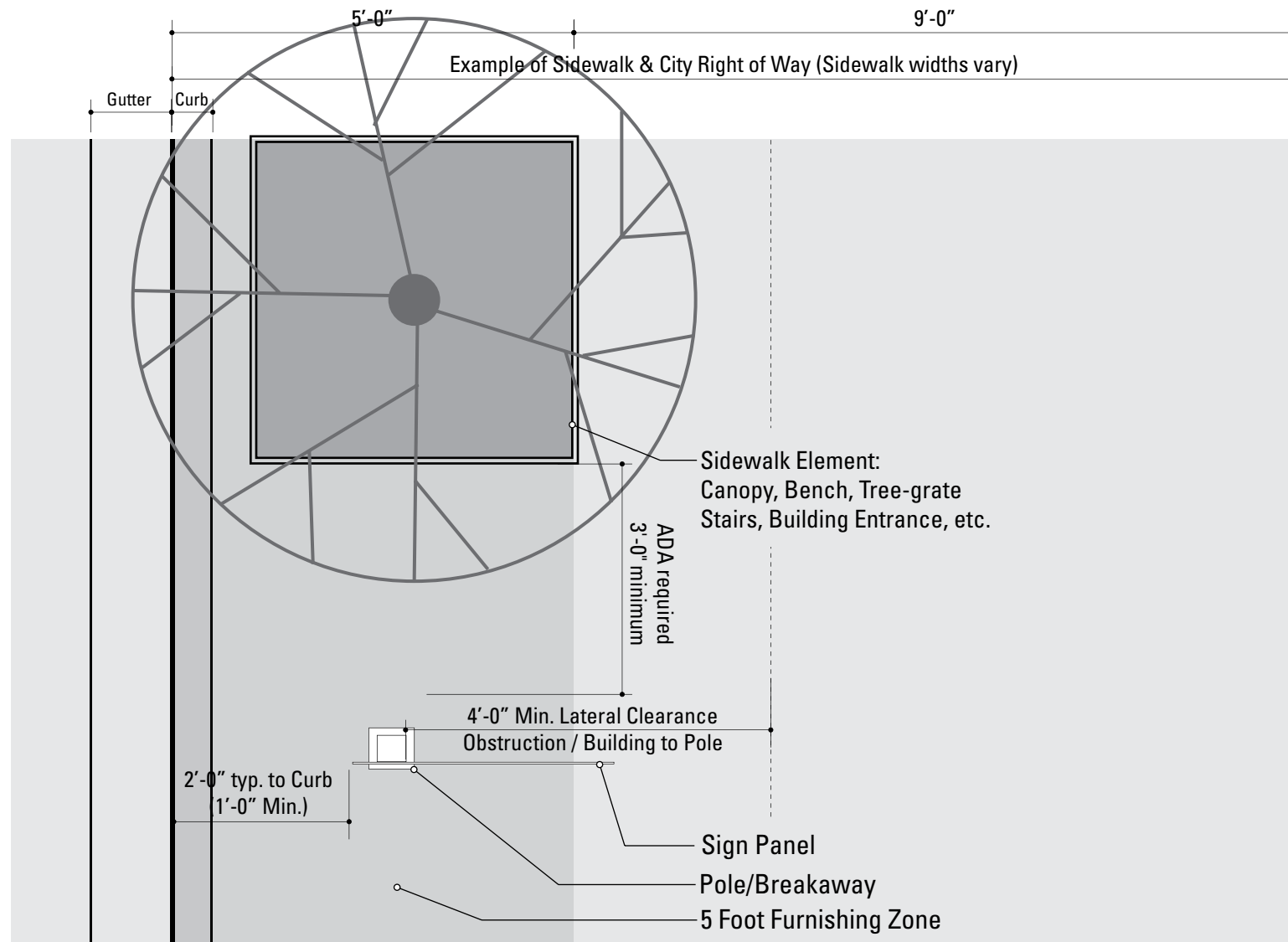
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REVISIONS

Sign Placement Guidelines

SHEET NO.

B.1



NOTE:

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

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

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

Figure 2
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.

(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 town'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 and the lateral clearance guidelines.

SPECIFICATIONS

FIGURE 2 - Lateral Clearance Guidelines

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

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REVISIONS

Sign Placement Guidelines

SHEET NO.

B.2

c | Menu of Sign Types

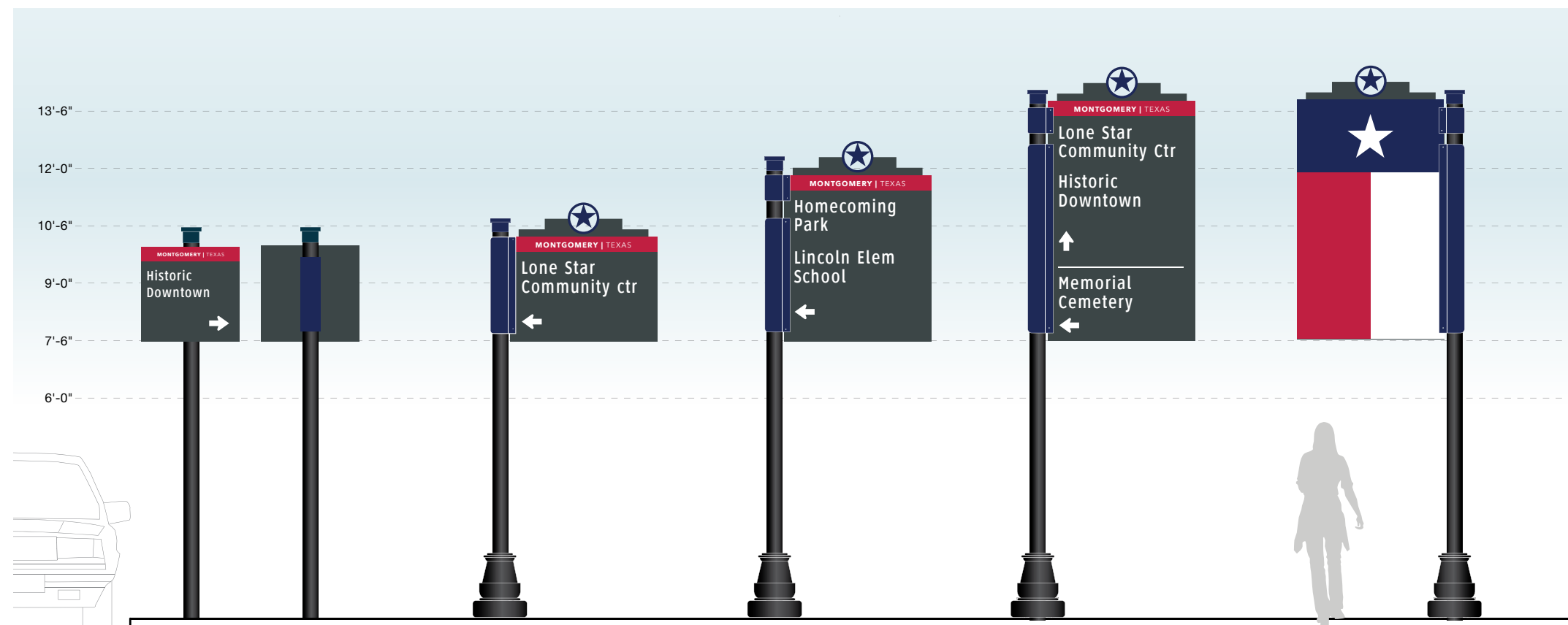
SPECIFICATIONS



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

GATE.1
Large Gateway
Double Sided

GATE.2
Gantry Gateway
Double Sided



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

RES.1
Vehicular Directional
(Low Speed - 25 MPH & Less)

VDIR.1
Vehicular Directional
(Low Speed - 25 MPH & Less)

VDIR.2
Vehicular Directional
(Low Speed - 25 MPH & Less)

VDIR.3
Vehicular Directional
(Low Speed - 25 MPH & Less)

VDIR.1-3
Reverse View - Typ.

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

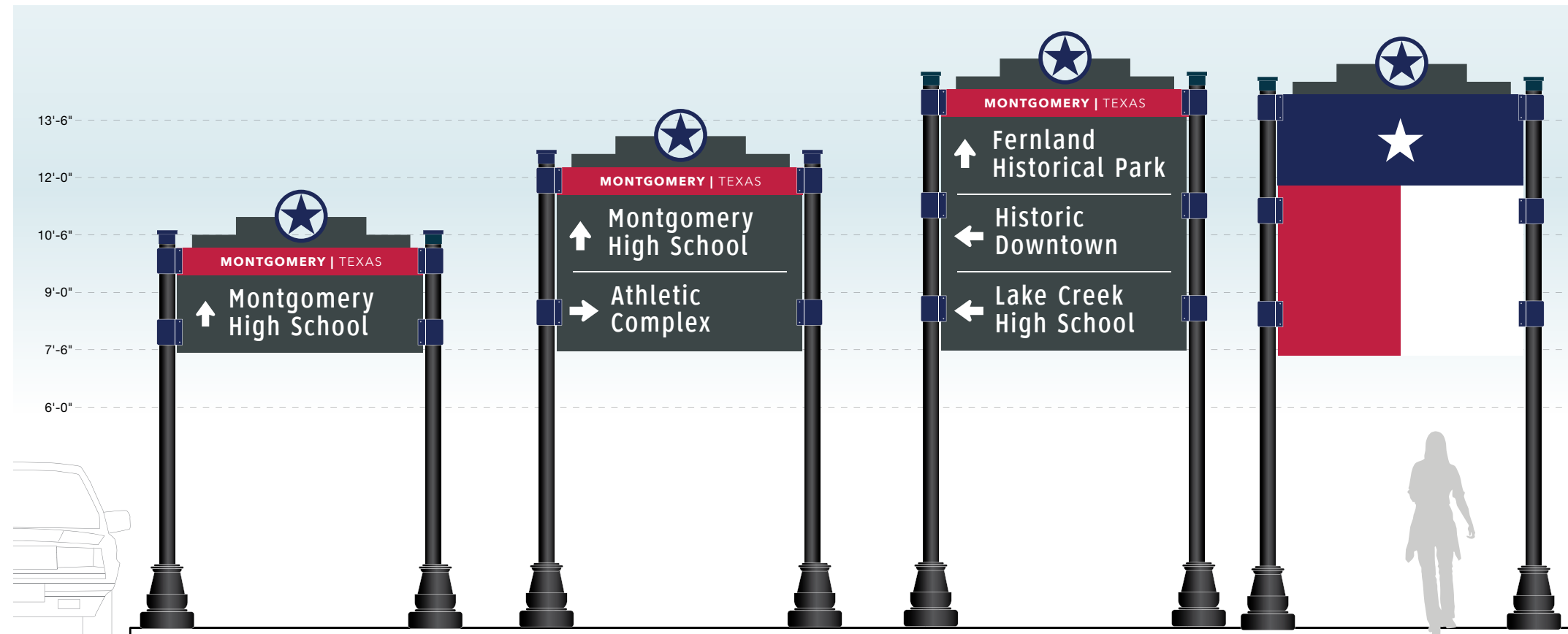
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DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO. C.1
REVISIONS	

SPECIFICATIONS



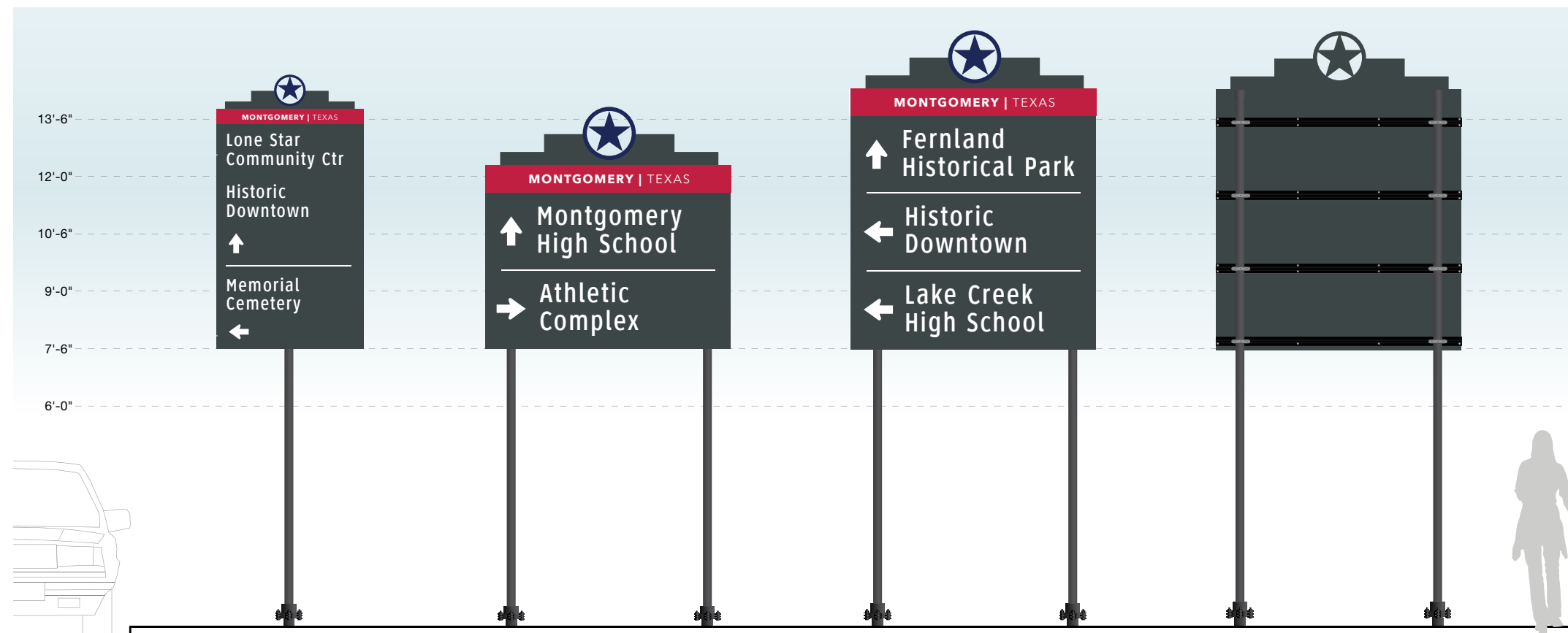
Scale: 3/8"=1'-0"

VDIR.4
Vehicular Directional
(High Speed - 25 MPH & Less)

VDIR.5
Vehicular Directional
(High Speed - 25 MPH & Less)

VDIR.6
Vehicular Directional
(High Speed - 25 MPH & Less)

VDIR.4-6
Reverse View - Typ.



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

VDIR.3 TXDOT
Vehicular Directional
(Low Speed - 25 MPH & Less)

VDIR.5 TXDOT
Vehicular Directional
(Low Speed - 25 MPH & More)

VDIR.6 TXDOT
Vehicular Directional
(Low Speed - 25 MPH & More)

VDIR.3-6 TXDOT
Reverse View - Typ.

NOTES:

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

ENVIRONMENTS & EXPERIENCES

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5 W. Gay Street
West Chester, PA 19380
T 484.266.0648
www.merjedesign.com

DATE 4/26/24

DRAWN BY: KRD

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

REVISIONS

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

Overview Vehicular Signs

SHEET NO.

SPECIFICATIONS



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

PARK.2
Parking Lot ID
Double Sided

KIOSK.1
Pedestrian Information
Double Sided

PARK.ID.1
Park Identification (Large)
Double Sided

PARK.ID.2
Recreational ID (Small)
Double Sided

- NOTES:
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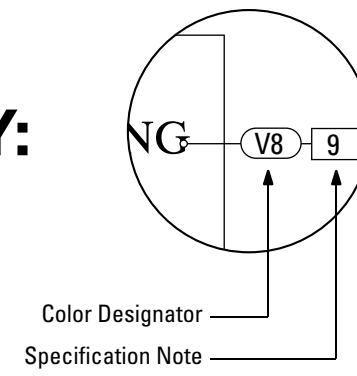
ENVIRONMENTS & EXPERIENCES

merJe

5 W. Gay Street
West Chester, PA 19380
T 484.266.0648
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DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	
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.	PROJECT NO.
REVISIONS	SHEET TITLE Overview Parking / Kiosk Signs
	SHEET NO. C.3

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

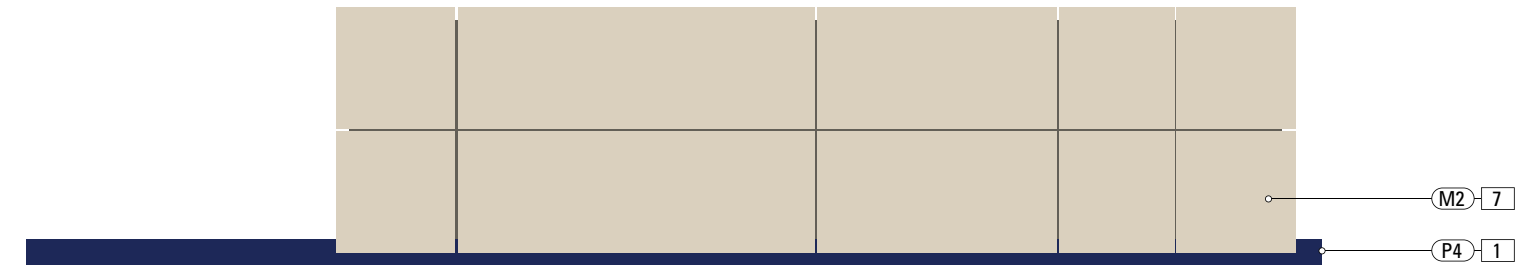
| Design Intent Drawings

SECTION 2 | Signage Drawings

- 1. SIGN FRAME**
 MATERIAL: .5" x 5" Alum. Tube Frame w/ 4" Internal Frame Dividers
 FABRICATION PROCESS: Custom Fabricated w/ all welds ground smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish
 FASTENERS: Secure Sign Frame to Masonry Base w/ Mounted Angle Bracket
- 2. SIGN FACE**
 MATERIAL: 3" D, .125" Thk. Fabricated Alum. construction inlay sign panels to Sign Frame
 FABRICATION PROCESS: Custom Fabricated
 EDGES: Smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure to interior returns of Sign Frame w/ concealed fasteners
- 3. LETTERING - 01**
 MATERIAL: Aluminum Lettering, 1/2" thk.
 FABRICATION PROCESS: Custom router cut
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Bonded to surface of Sign Face
- 4. LETTERING - 02**
 MATERIAL: Aluminum Lettering, 1/4" thk.
 FABRICATION PROCESS: Custom router cut
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Bonded to surface of Sign Face
- 5. STAR LOGO**
 MATERIAL: Fabricated Aluminum, 5" D
 FABRICATION PROCESS: Custom Fabricated
 FINISH: Satin Brushed Aluminum
 SURFACE PROCESS: Mechanical Finish, Brushed Satin w/ Vertical Grain
 FASTENERS: Secure to interior returns of Sign Frame w/ concealed fasteners
- 6. MASONRY BASE**
 SURFACING: Delgado Stone-Dusty Rose-Ashlar
 BASE: CMU block with reinforced concrete footer below grade
- 7. CAPSTONE**
 MATERIAL: 2-Piece Empire Cast Concrete Cap
 Color: Baja C-015 / Finish: Smooth
- 8. PLANTINGS**
 Low-lying (12"-18" Mx.) Ground Plantings at base of sign - by Client / GC
- 9. GROUND LIGHTING**
 Hadco B9 FlexScape LED B9-D-W-A-SP1
 3000k Warm White / Black Finish
 (19w / 155mA / 1903 LM. ea.)
 120VAC Line Voltage Supply within 5' of location
 Provide Photocell w/ Timer for On-Off Operation

- NOTES**
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 3. Hardware: All exposed hardware shall be tamper proof fasteners.
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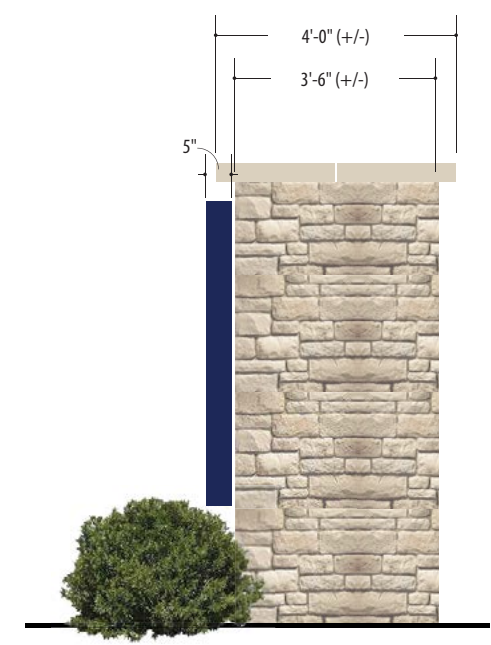
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE GATE.1 Gateway ID
DATE 4/26/24	DRAWN BY: KR D	SHEET NO.
These drawings are meant for DESIGN INTENT ONLY and 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.		D.1



Plan View




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



Side View

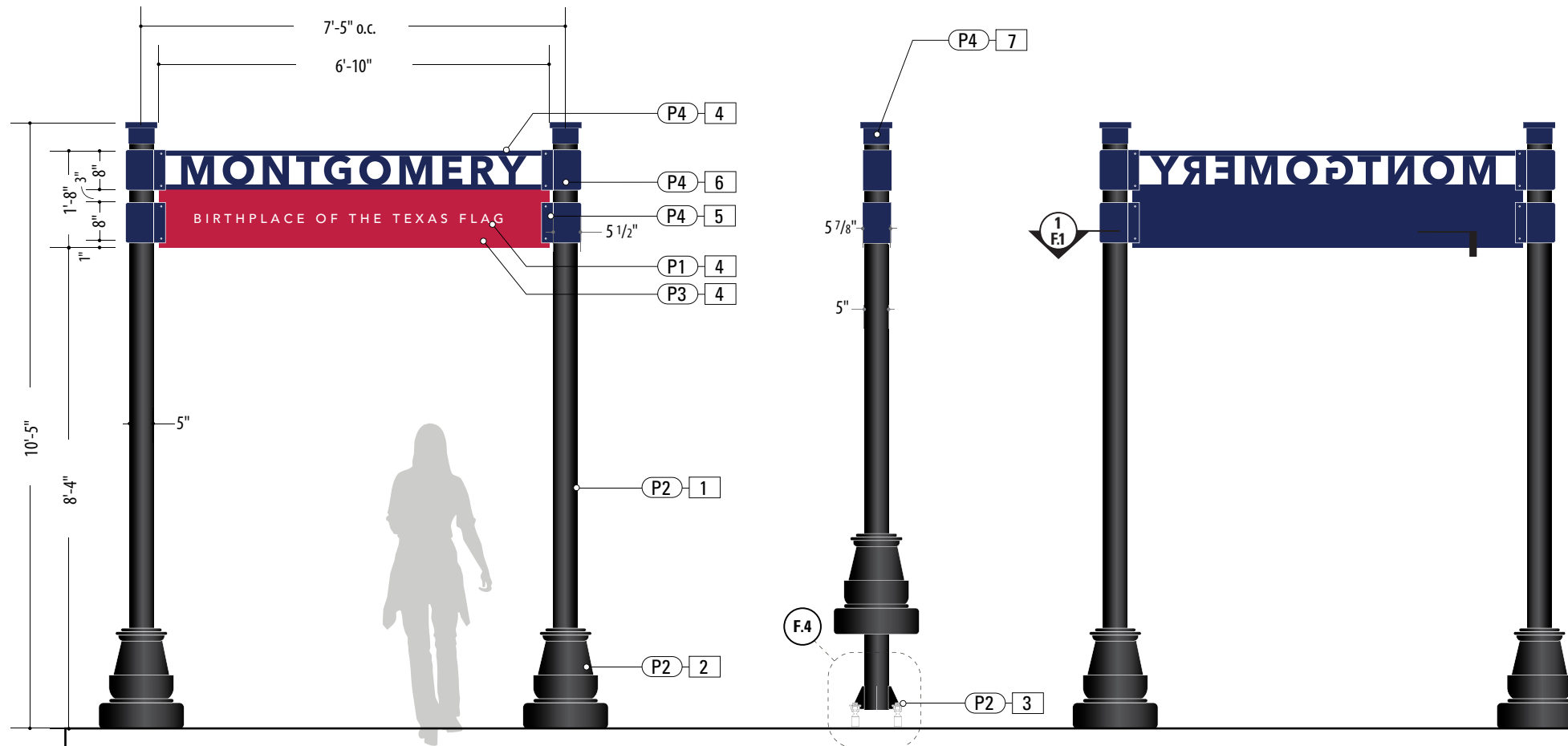
- | | |
|--|--|
| <p>1. SUPPORT POST
 MATERIAL: 5" Dia. Alum. tube, .5" wall
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FOOTER: Welded Plate / Breakaway Attachment (Per Detail Dwg.)</p> <p>2. DECORATIVE BASE
 PRODUCT: "Arlen 17" by Hapco
 TYPE: 2-Piece Clamshell for Round Straight Pole
 FABRICATION PROCESS: 356 Cast Aluminum
 COLOR: as noted</p> <p>3. BREAKAWAY ATTACHMENT
 Transpo PoleSafe #5075 Breakaway Assembly
 Installed Per Engineer Req. (See Detail Page)</p> <p>4. SIGN PANEL
 MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
 FABRICATION PROCESS: Router Cut panel + Custom Fabricated
 EDGES: Smooth
 GRAPHIC BACKGROUND PROCESS: Mask + Spray with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p> | <p>5. FLAG BRACKET
 MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to to 1/4" Thk. Formed Alum. Mounting Bracket
 FABRICATION PROCESS: Custom Fabricated
 EDGES: Smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p> <p>6. ACCENT SLEEVE
 MATERIAL: Aluminum Sheet, 1/8" thk.
 FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p> <p>7. POST CAP
 MATERIAL: Exterior Grade ABS / Nylon
 FABRICATION PROCESS: Custom FDM 3D Printed
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure w/ concealed fasteners</p> |
|--|--|

- NOTES**
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		Montgomery, TX Wayfinding Program
SUBCONSULTANT		SHEET TITLE
DATE	DRAWN BY:	GATE.2 Gateway ID
4/26/24	KRD	
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET NO.
		D.2

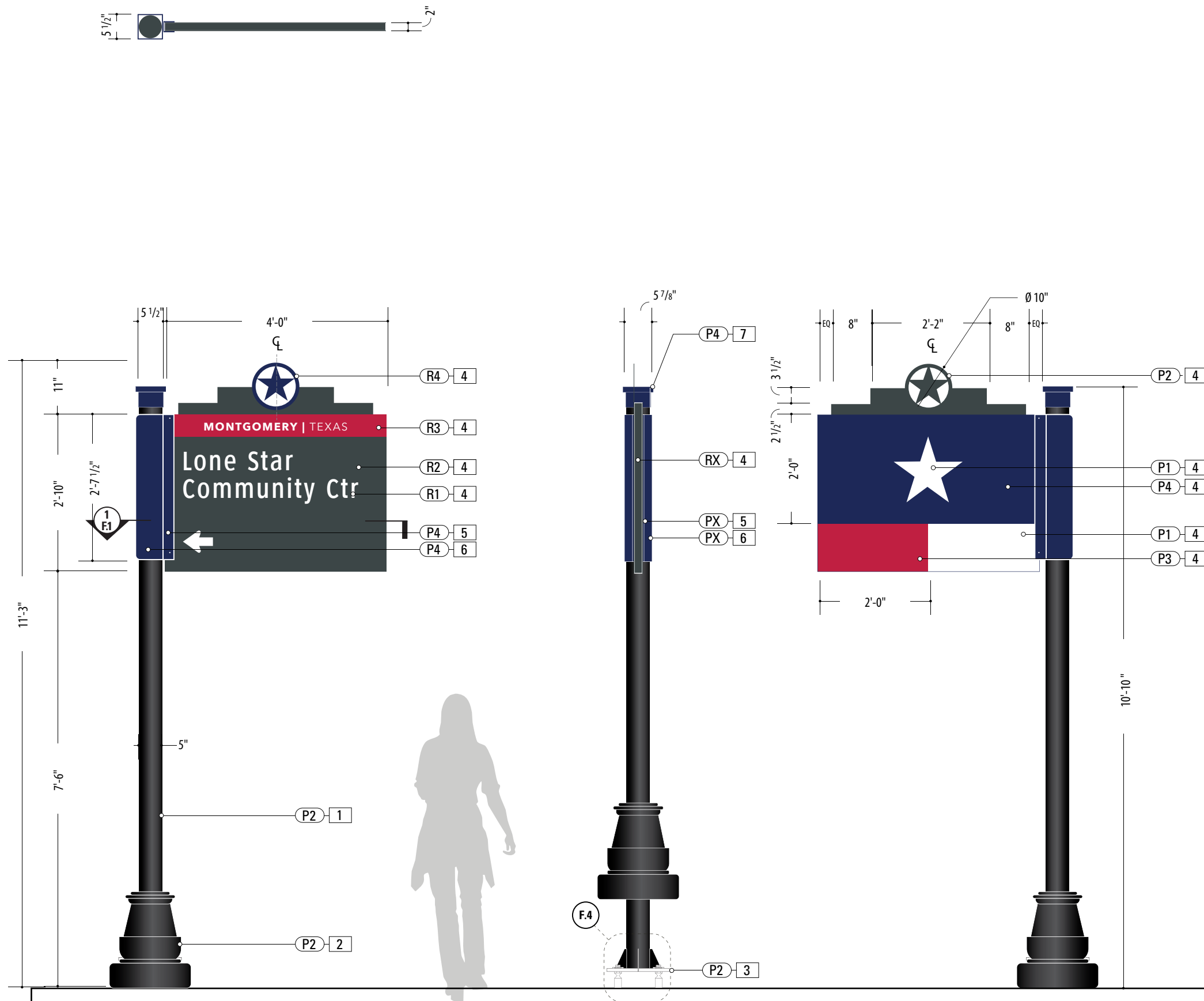


Plan View



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

Side View Back View



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

Side View

Back View

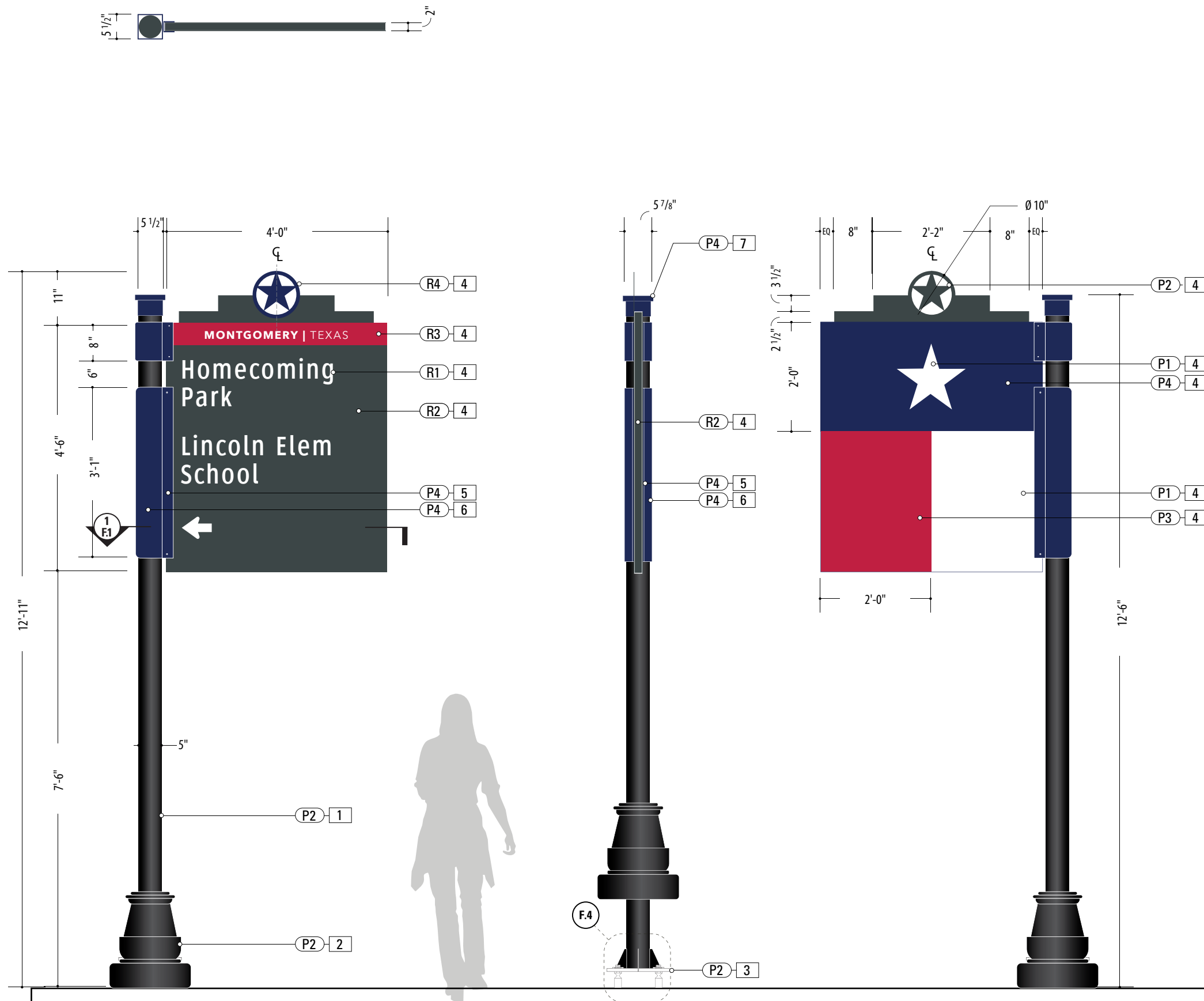
SPECIFICATIONS **SIGN TYPE:** VDIR.1 **FUNCTION:** Vehicular Directional

- 1. SUPPORT POST**
MATERIAL: 5" Dia. Alum. tube, .5" 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: Welded Plate / Breakaway Attachment (Per Detail Dwg.)
- 2. DECORATIVE BASE**
PRODUCT: "Arlen 17" by Hapco
TYPE: 2-Piece Clamshell for Round Straight Pole
FABRICATION PROCESS: 356 Cast Aluminum
COLOR: as noted
- 3. BREAKAWAY ATTACHMENT**
Transpo PoleSafe #5075 Breakaway Assembly
Installed Per Engineer Req. (See Detail Page)
- 4. SIGN PANEL**
MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
FABRICATION PROCESS: Router Cut panel + Custom Fabricated
EDGES: Smooth
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)
REAR PANEL GRAPHIC BACKGROUND PROCESS: Mask + Spray Rear Sign Panel with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 5. FLAG BRACKET**
MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to to 1/4" Thk. Formed Alum. Mounting Bracket
FABRICATION PROCESS: Custom Fabricated
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 6. ACCENT SLEEVE**
MATERIAL: Aluminum Sheet, 1/8" thk.
FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
MATERIAL: Exterior Grade ABS / Nylon
FABRICATION PROCESS: Custom FDM 3D Printed
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure w/ concealed fasteners

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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5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE 4/26/24	DRAWN BY: KRD	VDIR.1 Vehicular Directional
<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>		
REVISIONS		SHEET NO.
		D.3



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

Side View

Back View

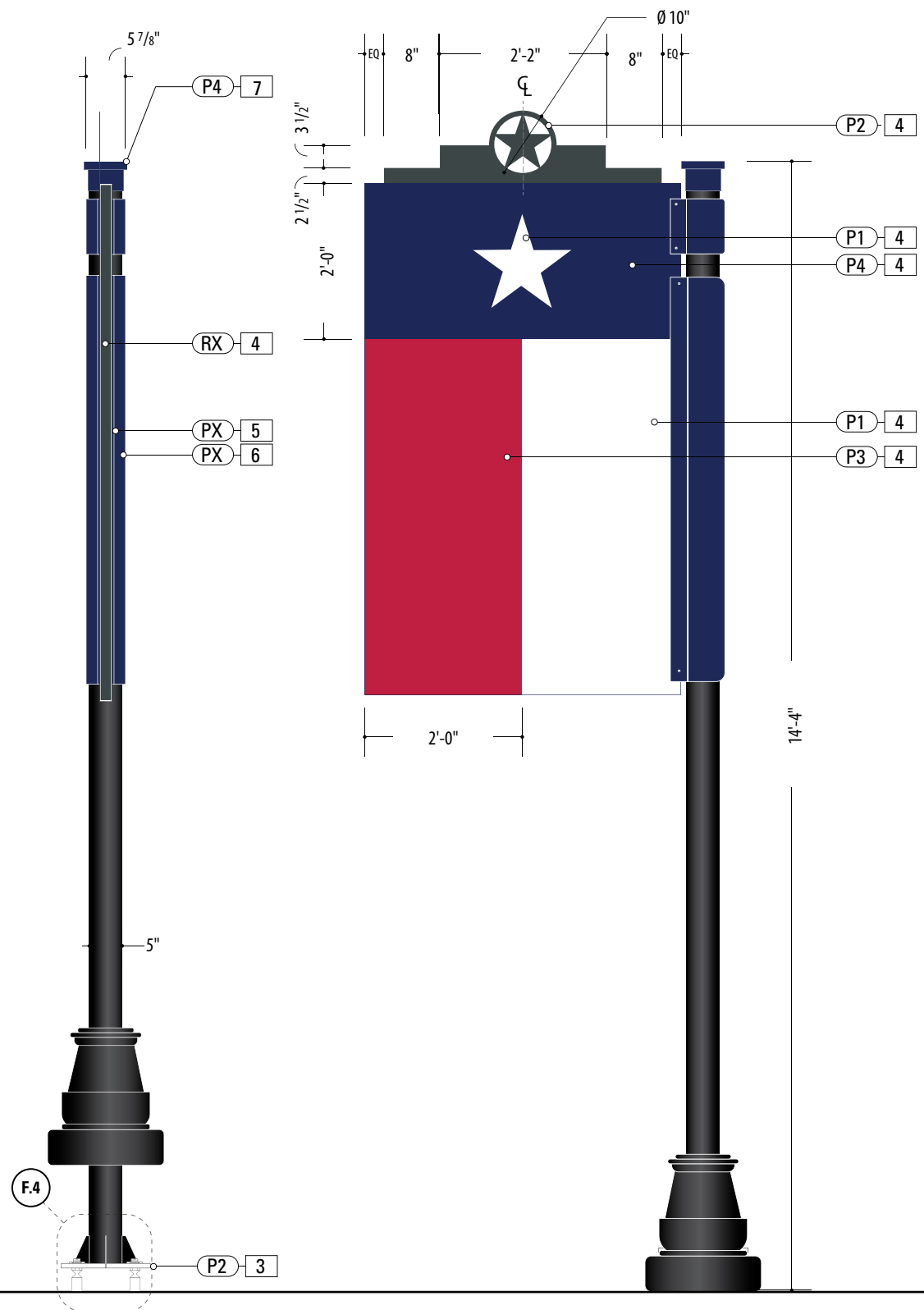
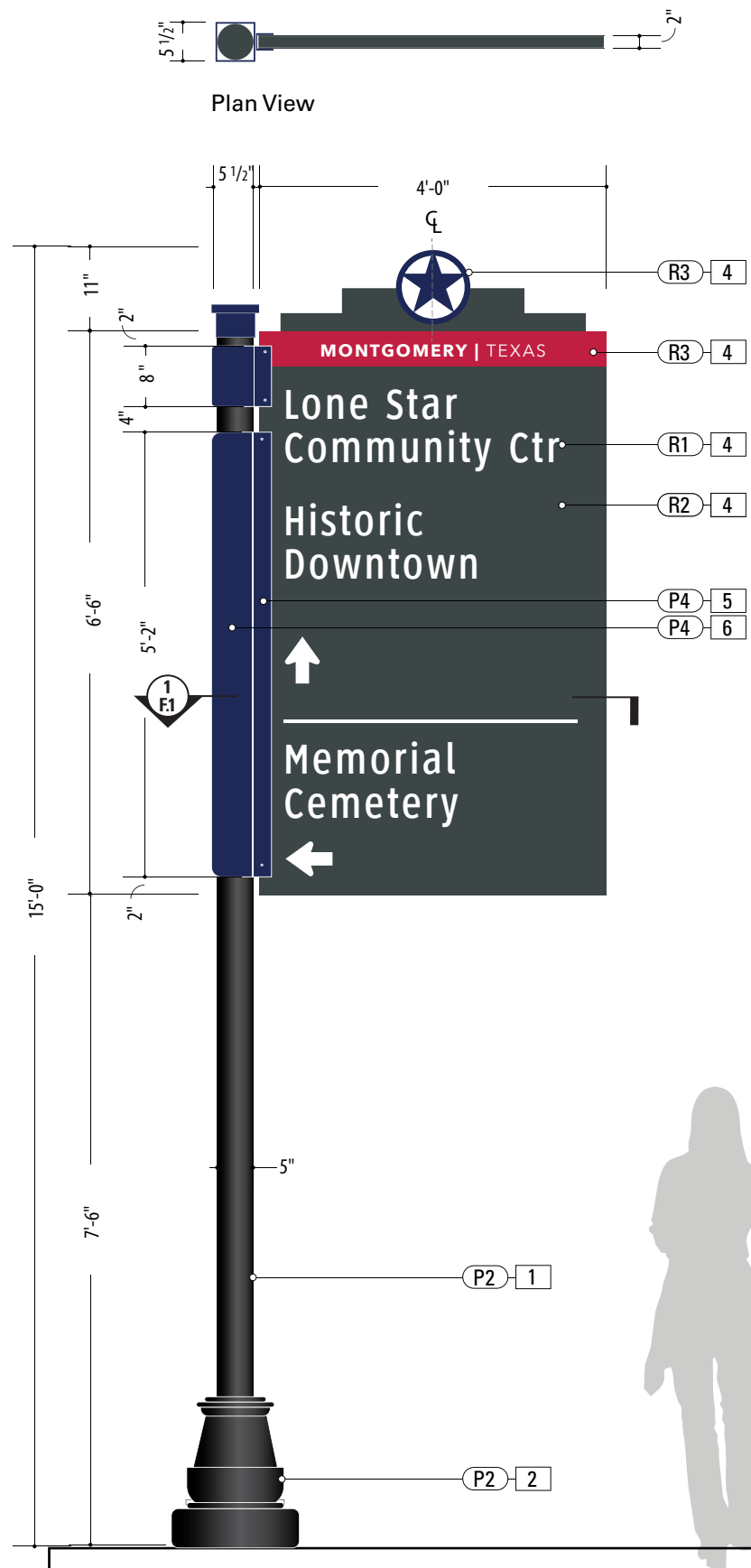
SPECIFICATIONS **SIGN TYPE:** VDIR.2 **FUNCTION:** Vehicular Directional

- 1. SUPPORT POST**
MATERIAL: 5" Dia. Alum. tube, .5" 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: Welded Plate / Breakaway Attachment (Per Detail Dwg.)
- 2. DECORATIVE BASE**
PRODUCT: "Arlen 17" by Hapco
TYPE: 2-Piece Clamshell for Round Straight Pole
FABRICATION PROCESS: 356 Cast Aluminum
COLOR: as noted
- 3. BREAKAWAY ATTACHMENT**
Transpo PoleSafe #5075 Breakaway Assembly
Installed Per Engineer Req. (See Detail Page)
- 4. SIGN PANEL**
MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
FABRICATION PROCESS: Router Cut panel + Custom Fabricated
EDGES: Smooth
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)
REAR PANEL GRAPHIC BACKGROUND PROCESS: Mask + Spray Rear Sign Panel with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 5. FLAG BRACKET**
MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to to 1/4" Thk. Formed Alum. Mounting Bracket
FABRICATION PROCESS: Custom Fabricated
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 6. ACCENT SLEEVE**
MATERIAL: Aluminum Sheet, 1/8" thk.
FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
MATERIAL: Exterior Grade ABS / Nylon
FABRICATION PROCESS: Custom FDM 3D Printed
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure w/ concealed fasteners

NOTES

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ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE 4/26/24	DRAWN BY: KRD	VDIR.2 Vehicular Directional
<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>		
		D.4




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

SPECIFICATIONS **SIGN TYPE:** VDIR.3 **FUNCTION:** Vehicular Directional

- 1. SUPPORT POST**
MATERIAL: 5" Dia. Alum. tube, .5" 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: Welded Plate / Breakaway Attachment (Per Detail Dwg.)
- 2. DECORATIVE BASE**
PRODUCT: "Arlen 17" by Hapco
TYPE: 2-Piece Clamshell for Round Straight Pole
FABRICATION PROCESS: 356 Cast Aluminum
COLOR: as noted
- 3. BREAKAWAY ATTACHMENT**
Transpo PoleSafe #5075 Breakaway Assembly
Installed Per Engineer Req. (See Detail Page)
- 4. SIGN PANEL**
MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
FABRICATION PROCESS: Router Cut panel + Custom Fabricated
EDGES: Smooth
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)
REAR PANEL GRAPHIC BACKGROUND PROCESS: Mask + Spray Rear Sign Panel with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 5. FLAG BRACKET**
MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to 1/4" Thk. Formed Alum. Mounting Bracket
FABRICATION PROCESS: Custom Fabricated
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 6. ACCENT SLEEVE**
MATERIAL: Aluminum Sheet, 1/8" thk.
FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
MATERIAL: Exterior Grade ABS / Nylon
FABRICATION PROCESS: Custom FDM 3D Printed
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure w/ concealed fasteners

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ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
 5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		Montgomery, TX Wayfinding Program
		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE	4/26/24	VDIR.3 Vehicular Directional
DRAWN BY: KRD		
REVISIONS		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>		D.5

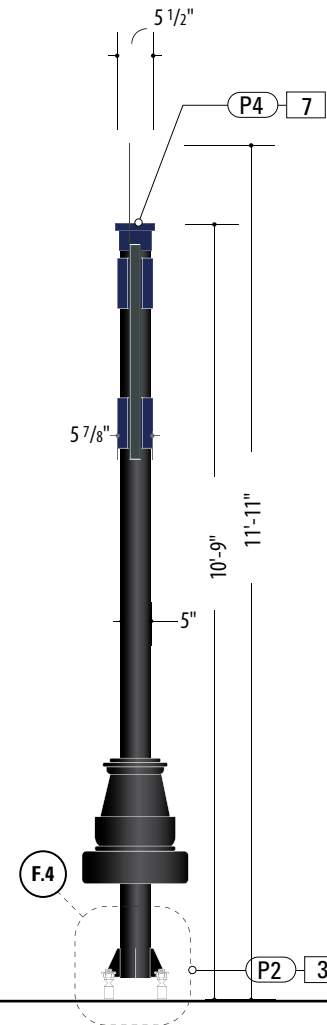
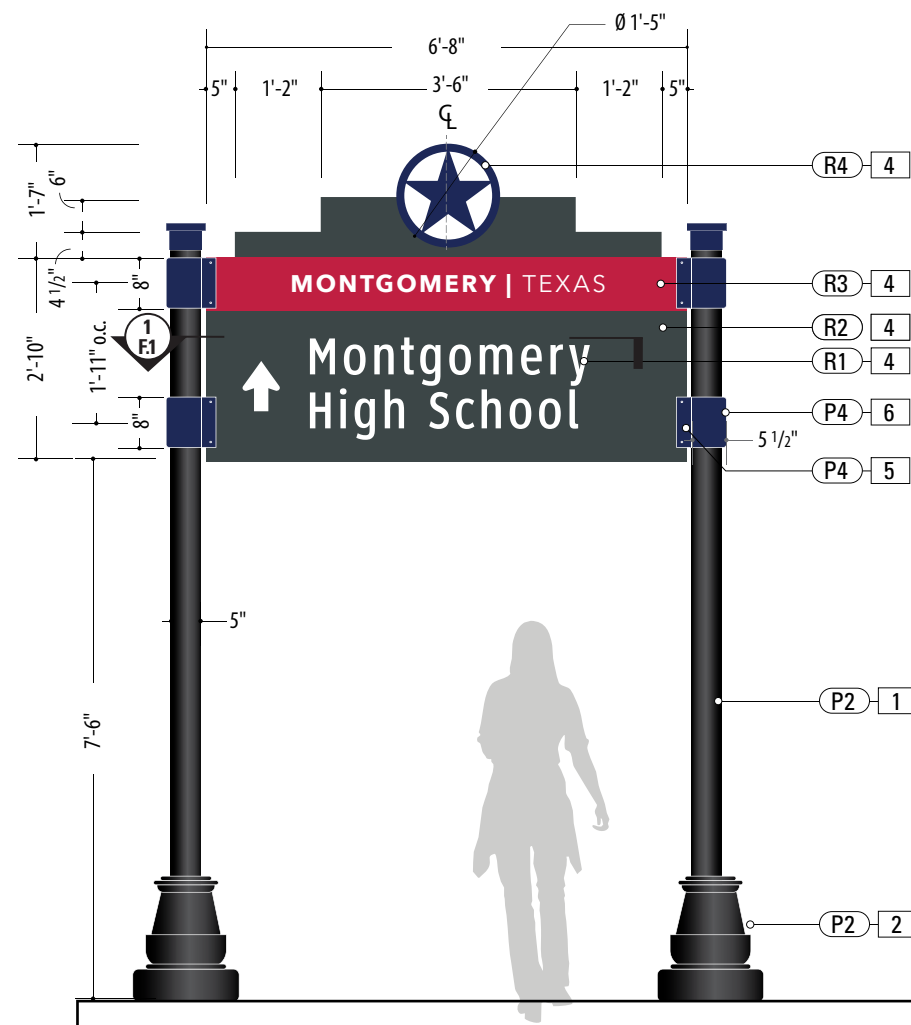
- 1. SUPPORT POST**
 MATERIAL: 5" Dia. Alum. tube, .5" wall
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FOOTER: Welded Plate / Breakaway Attachment (Per Detail Dwg.)
- 2. DECORATIVE BASE**
 PRODUCT: "Arlen 17" by Hapco
 TYPE: 2-Piece Clamshell for Round Straight Pole
 FABRICATION PROCESS: 356 Cast Aluminum
 COLOR: as noted
- 3. BREAKAWAY ATTACHMENT**
 Transpo PoleSafe #5075 Breakaway Assembly
 Installed Per Engineer Req. (See Detail Page)
- 4. SIGN PANEL**
 MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
 FABRICATION PROCESS: Router Cut panel + Custom Fabricated
 EDGES: Smooth
 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)
 REAR PANEL GRAPHIC BACKGROUND PROCESS: Mask + Spray Rear Sign Panel with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 5. FLAG BRACKET**
 MATERIAL: 2 1/2" x 2 1/2" x 1/4" Alum. Channel welded to to 1/4" Thk. Formed Alum. Mounting Bracket
 FABRICATION PROCESS: Custom Fabricated
 EDGES: Smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 6. ACCENT SLEEVE**
 MATERIAL: Aluminum Sheet, 1/8" thk.
 FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
 MATERIAL: Exterior Grade ABS / Nylon
 FABRICATION PROCESS: Custom FDM 3D Printed
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure w/ concealed fasteners

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 3. Hardware: All exposed hardware shall be tamper proof fasteners.
 4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

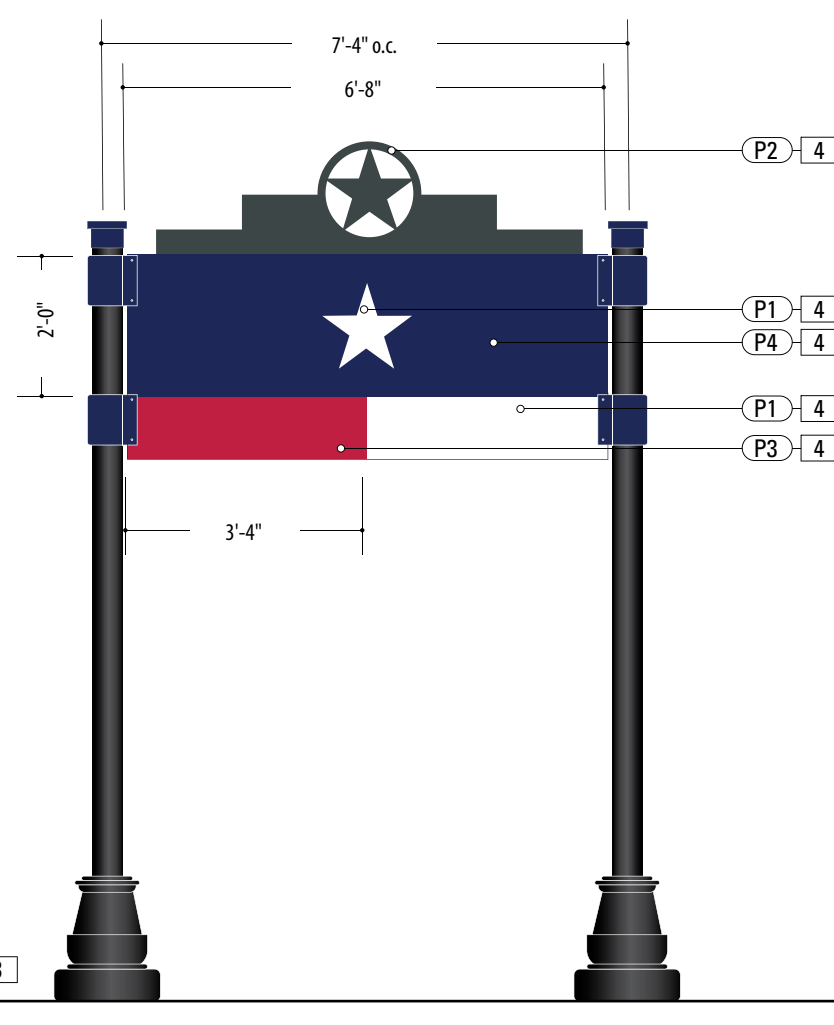
ENVIRONMENTS & EXPERIENCES merje 5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		CLIENT / PROJECT
		Montgomery, TX Wayfinding Program
SUBCONSULTANT		SHEET TITLE
DATE	DRAWN BY:	VDIR.4 Vehicular Directional
4/26/24	KRD	
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET NO.
		D.6



Plan View



Side View



Back View

1 Front View: VDIR.4
SCALE: 3/8" = 1'-0"

- | | |
|--|--|
| <p>1. SUPPORT POST
 MATERIAL: 5" Dia. Alum. tube, .5" 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: Welded Plate / Breakaway Attachment (Per Detail Dwg.)</p> <p>2. DECORATIVE BASE
 PRODUCT: "Arlen 17" by Hapco
 TYPE: 2-Piece Clamshell for Round Straight Pole
 FABRICATION PROCESS: 356 Cast Aluminum
 COLOR: as noted</p> <p>3. BREAKAWAY ATTACHMENT
 Transpo PoleSafe #5075 Breakaway Assembly
 Installed Per Engineer Req. (See Detail Page)</p> <p>4. SIGN PANEL
 MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
 FABRICATION PROCESS: Router Cut panel + Custom Fabricated
 EDGES: Smooth
 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)
 REAR PANEL GRAPHIC BACKGROUND PROCESS: Mask + Spray Rear Sign Panel with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p> | <p>5. FLAG BRACKET
 MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to to 1/4" Thk. Formed Alum. Mounting Bracket
 FABRICATION PROCESS: Custom Fabricated
 EDGES: Smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p> <p>6. ACCENT SLEEVE
 MATERIAL: Aluminum Sheet, 1/8" thk.
 FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p> <p>7. POST CAP
 MATERIAL: Exterior Grade ABS / Nylon
 FABRICATION PROCESS: Custom FDM 3D Printed
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure w/ concealed fasteners</p> |
|--|--|

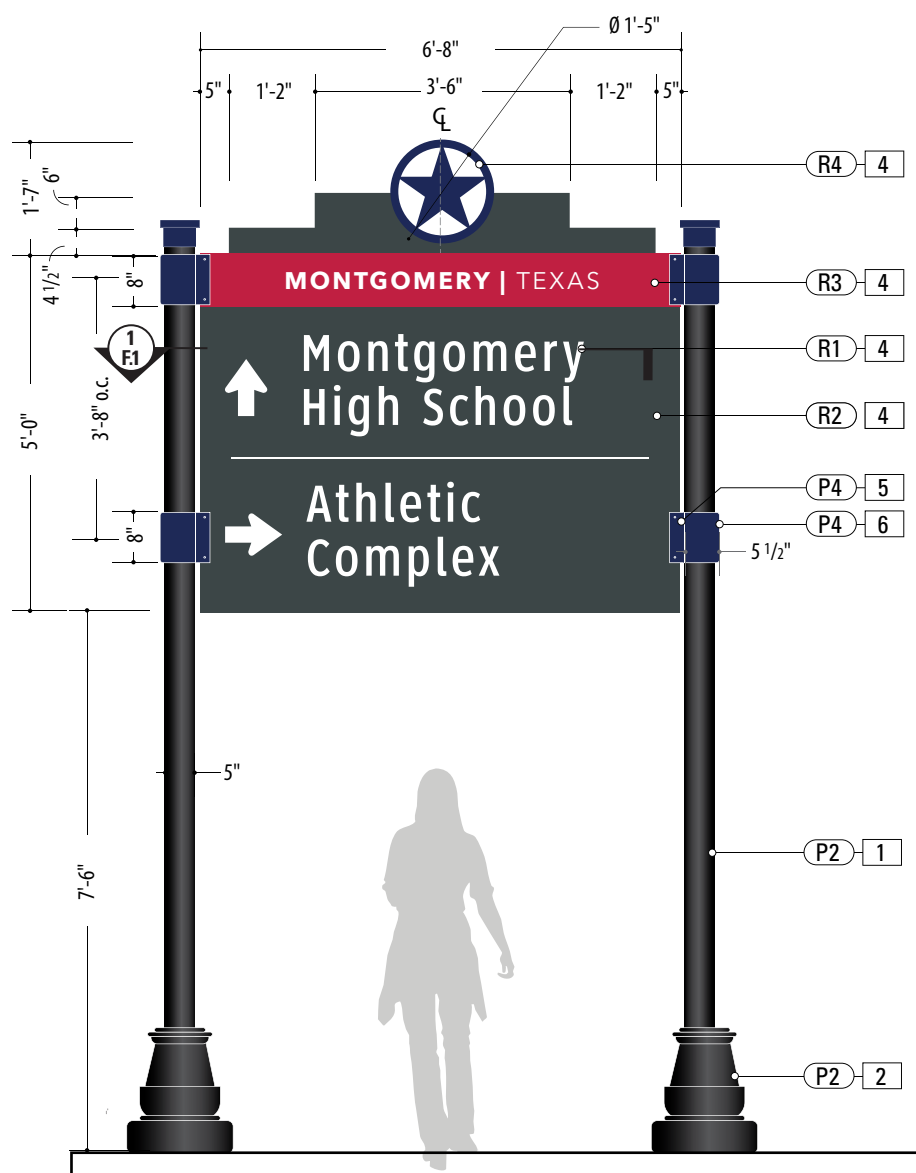
NOTES

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 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.

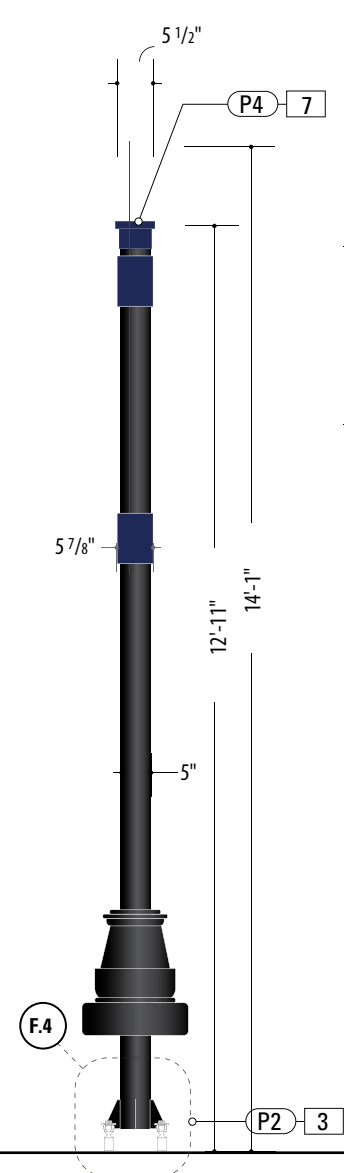
<p>ENVIRONMENTS & EXPERIENCES</p> <p>merje</p> <p>5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com</p>		<p>CLIENT / PROJECT</p> <p>Montgomery, TX Wayfinding Program</p>
<p>DATE: 4/26/24</p> <p>DRAWN BY: KRD</p>		<p>PROJECT NO.</p>
<p>REVISIONS</p>		<p>SHEET TITLE</p> <p>VDIR.5 Vehicular Directional</p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		<p>SHEET NO.</p> <p>D.7</p>



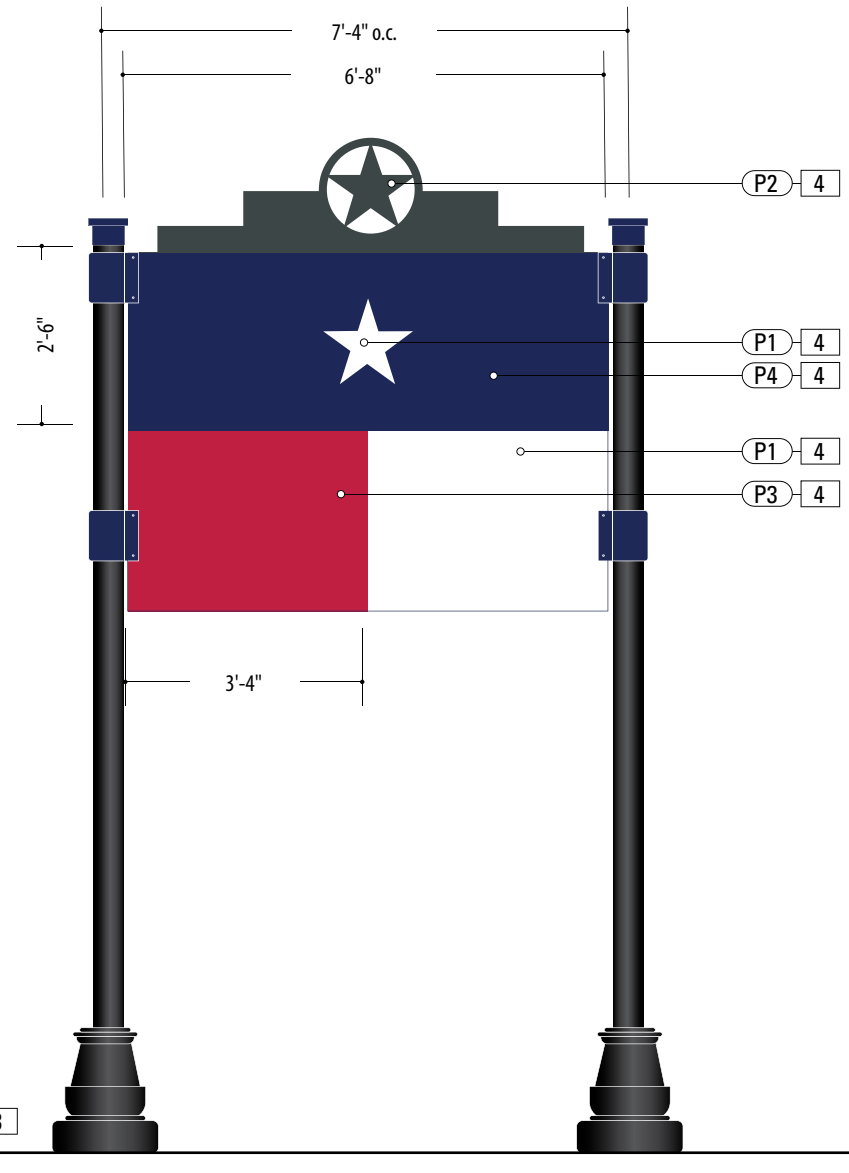
Plan View



1 Front View: VDIR.5
SCALE: 3/8" = 1'-0"



Side View



Back View

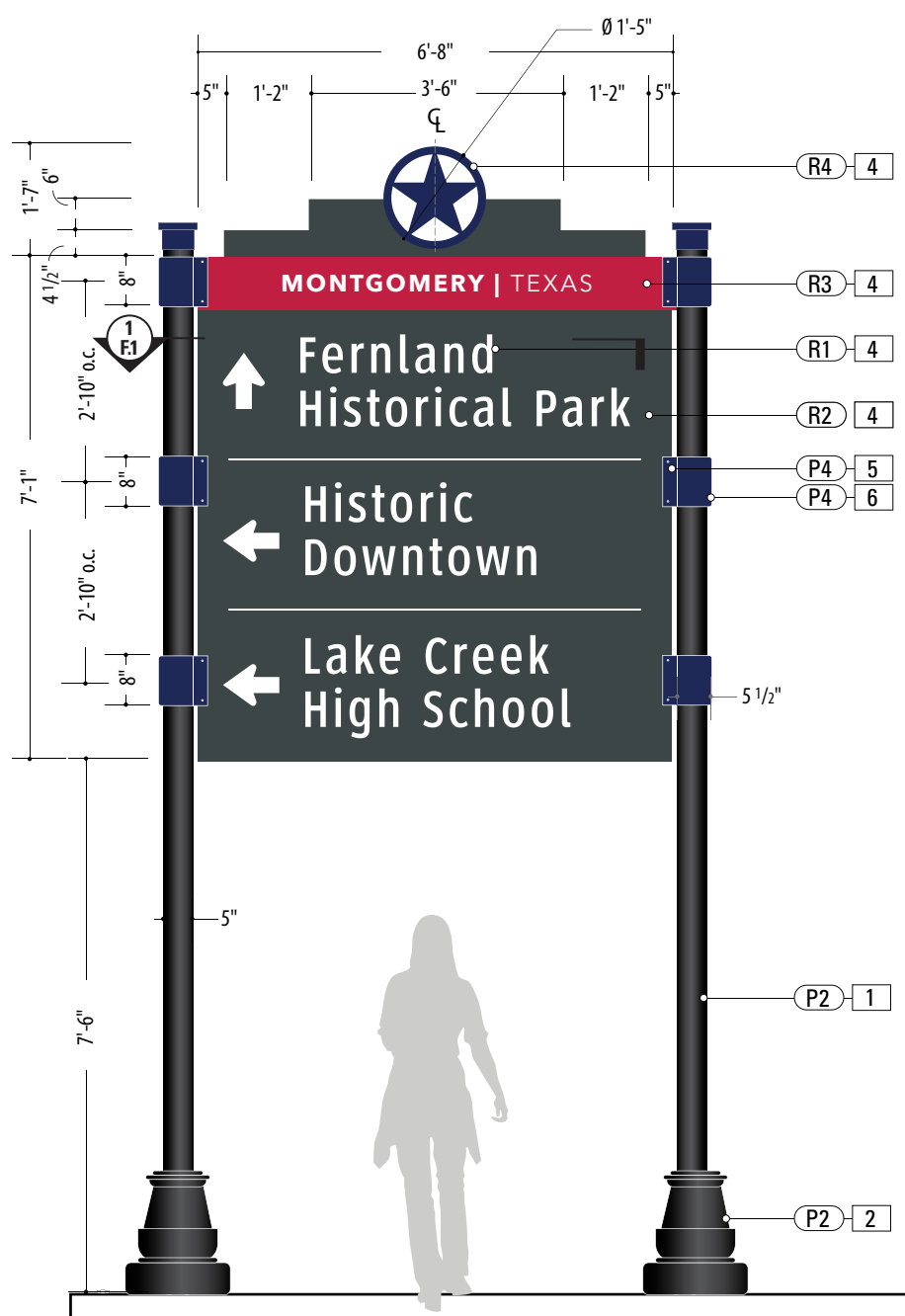
- 1. SUPPORT POST**
 MATERIAL: 5" Dia. Alum. tube, .5" wall
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FOOTER: Welded Plate / Breakaway Attachment (Per Detail Dwg.)
- 2. DECORATIVE BASE**
 PRODUCT: "Arlen 17" by Hapco
 TYPE: 2-Piece Clamshell for Round Straight Pole
 FABRICATION PROCESS: 356 Cast Aluminum
 COLOR: as noted
- 3. BREAKAWAY ATTACHMENT**
 Transpo PoleSafe #5075 Breakaway Assembly
 Installed Per Engineer Req. (See Detail Page)
- 4. SIGN PANEL**
 MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
 FABRICATION PROCESS: Router Cut panel + Custom Fabricated
 EDGES: Smooth
 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)
 REAR PANEL GRAPHIC BACKGROUND PROCESS: Mask + Spray Rear Sign Panel with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 5. FLAG BRACKET**
 MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to to 1/4" Thk. Formed Alum. Mounting Bracket
 FABRICATION PROCESS: Custom Fabricated
 EDGES: Smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 6. ACCENT SLEEVE**
 MATERIAL: Aluminum Sheet, 1/8" thk.
 FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
 MATERIAL: Exterior Grade ABS / Nylon
 FABRICATION PROCESS: Custom FDM 3D Printed
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure w/ concealed fasteners

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

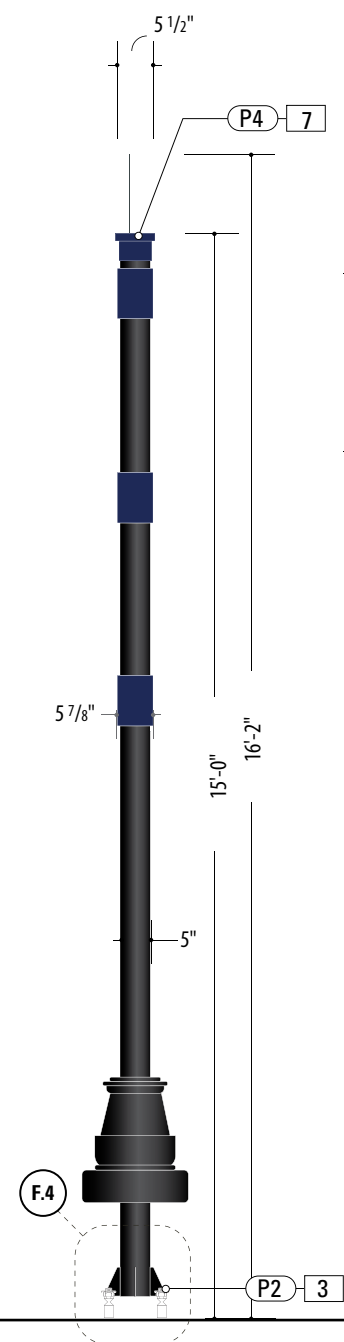
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE VDIR.6 Vehicular Directional
DATE 4/26/24	DRAWN BY: KRD	SHEET NO.
These drawings are meant for DESIGN INTENT 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.		D.8



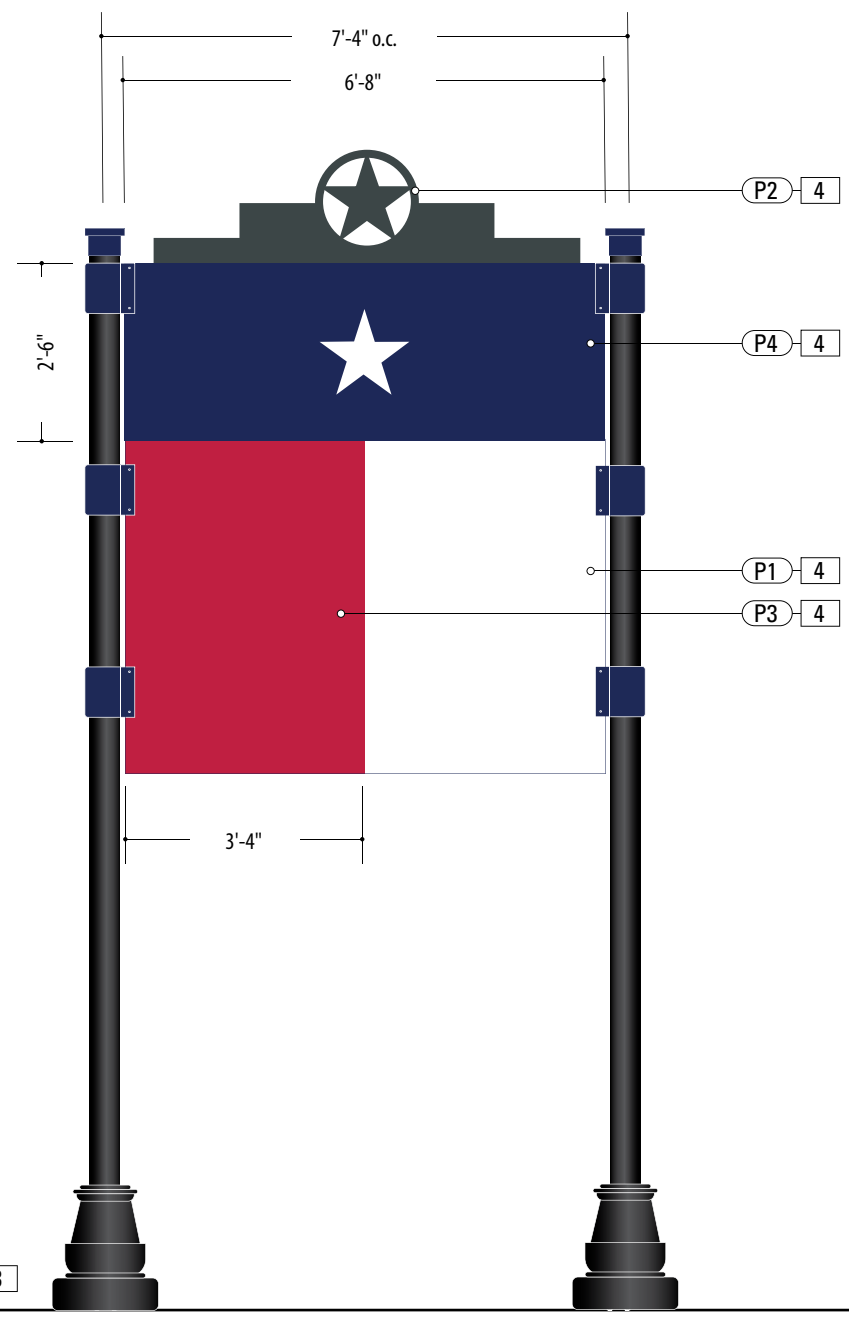
Plan View



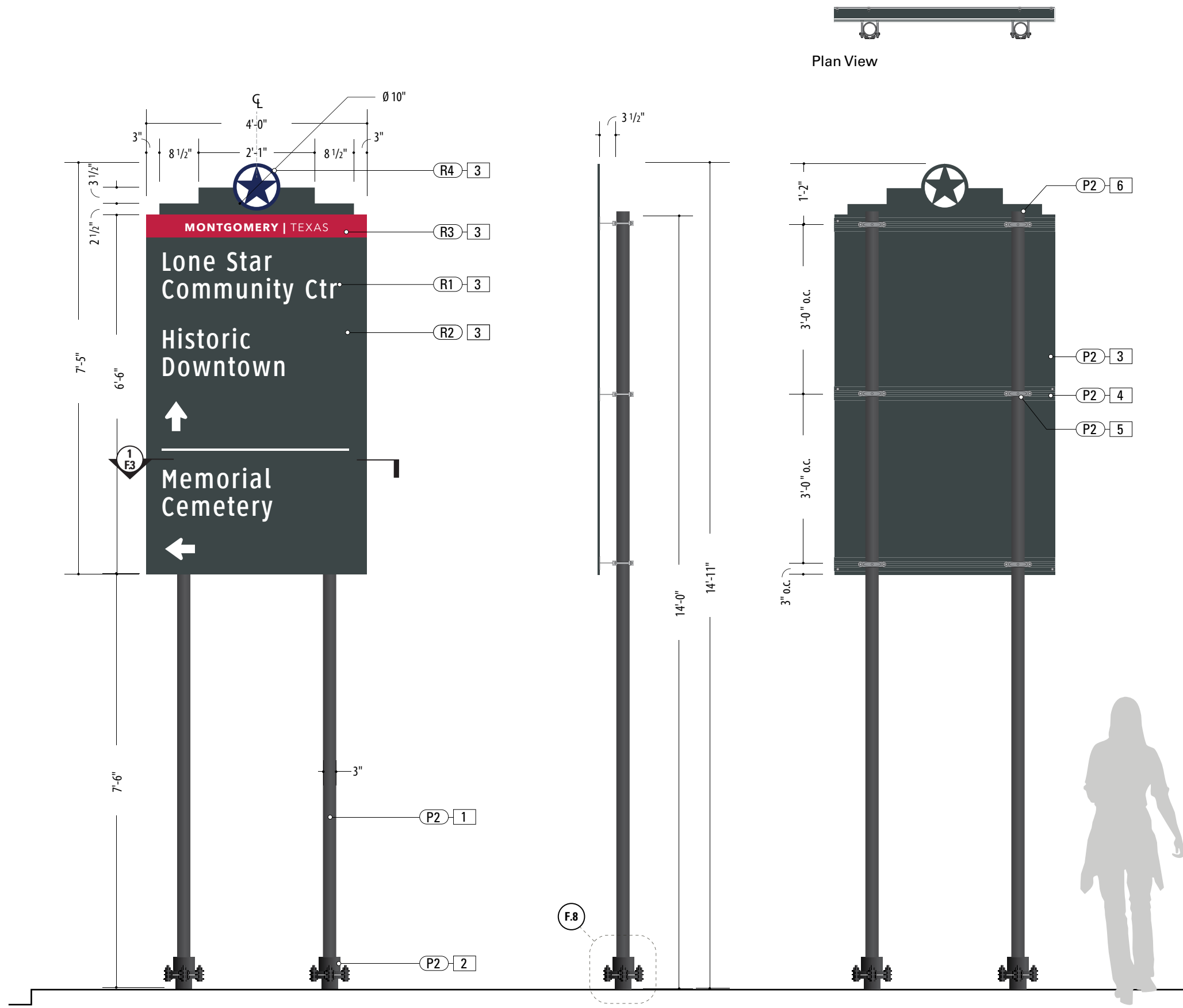
1 Front View: VDIR.6
SCALE: 3/8" = 1'-0"



Side View



Back View



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

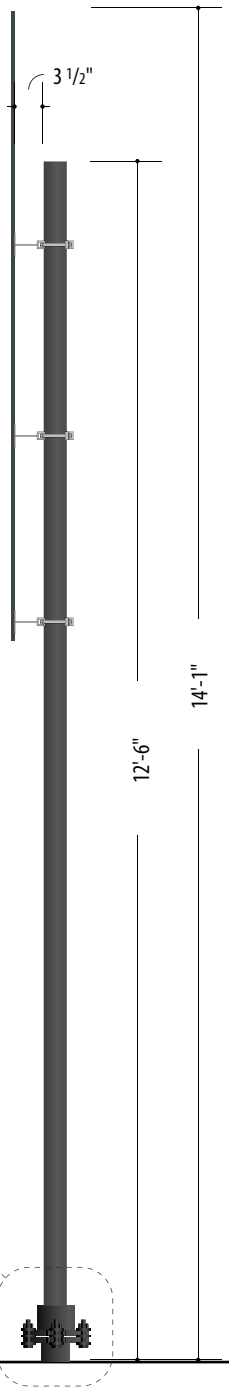
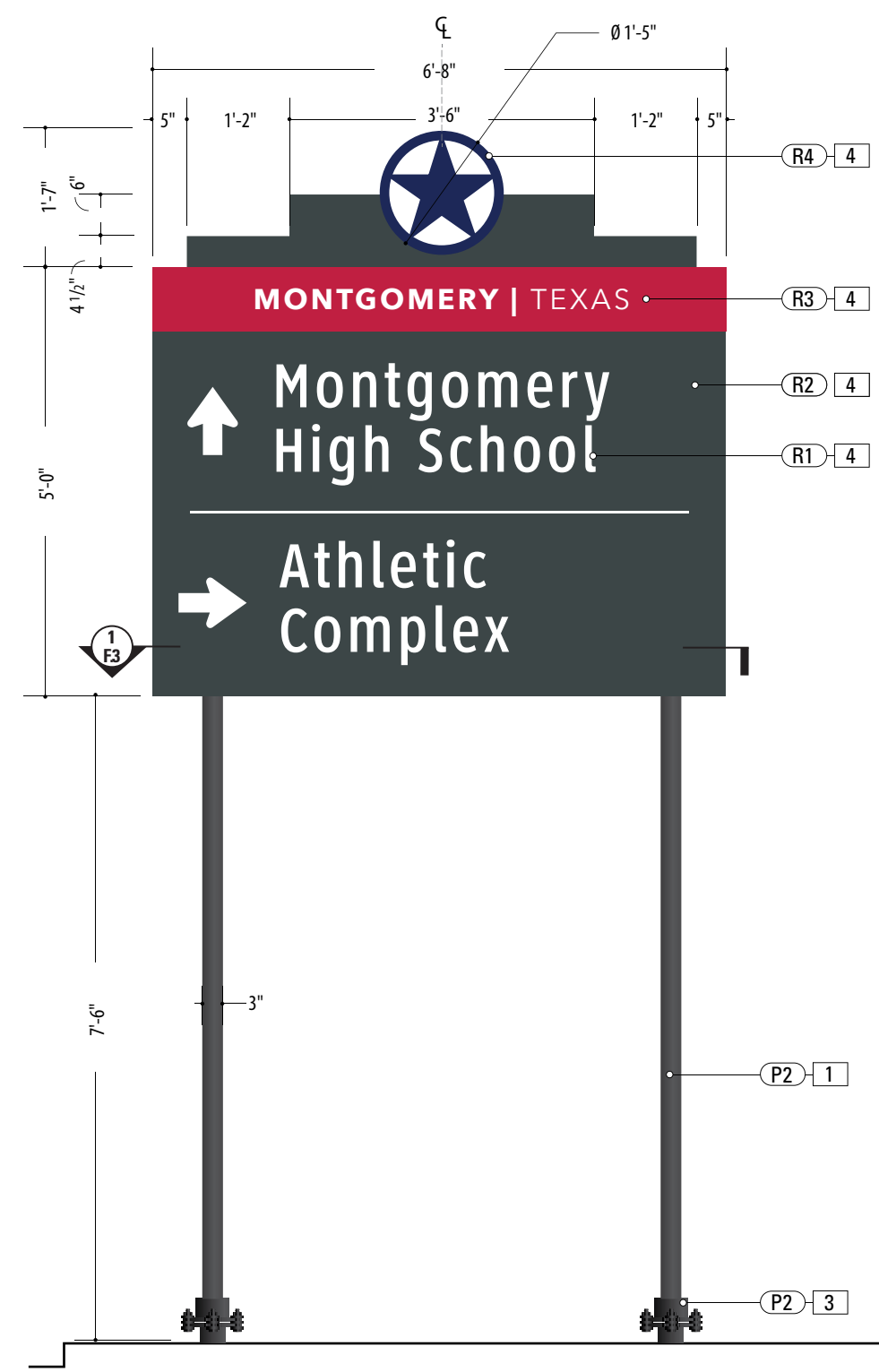
- 1. SUPPORT POST**
MATERIAL: 2 7/8" Dia. A500 Grade C Sch-80 Steel Pipe, .276" wall
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: TXDOT Triangular SlipBase Breakaway Assembly (Per Detail Dwg.)
- 2. BREAKAWAY ATTACHMENT**
TXDOT Triangular SlipBase Breakaway Assembly Installed Per Engineer Req. (See Detail Page)
- 3. SIGN PANEL**
MATERIAL: .125" Thk. Aluminum Panel
FABRICATION PROCESS: Router Cut panel + Custom Fabricated
EDGES: Smooth
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)
FASTENERS: Secured w/ S.S. mechanical fasteners (per Detail) to flange of TXDOT extruded aluminum Windbeam
- 4. WINDBEAM**
MATERIAL: TXDOT Extruded Alum. Windbeam
- Cut to Length per Engineer Requirements.
FABRICATION PROCESS: Extruded
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure to Universal Sign Clamp at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 5. SIGN CLAMP**
MATERIAL: TXDOT Universal Sign Clamp
FABRICATION PROCESS: Cast Steel
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure to TXDOT Windbeam at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 6. POST CAP**
MATERIAL: TXDOT Pressure-Cap for 2 7/8"
FABRICATION PROCESS: Rolled Steel
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Press-Seal to top of 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 UV) clear coat or vinyl over laminate.
 3. Hardware: All exposed hardware shall be tamper proof fasteners.
 4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

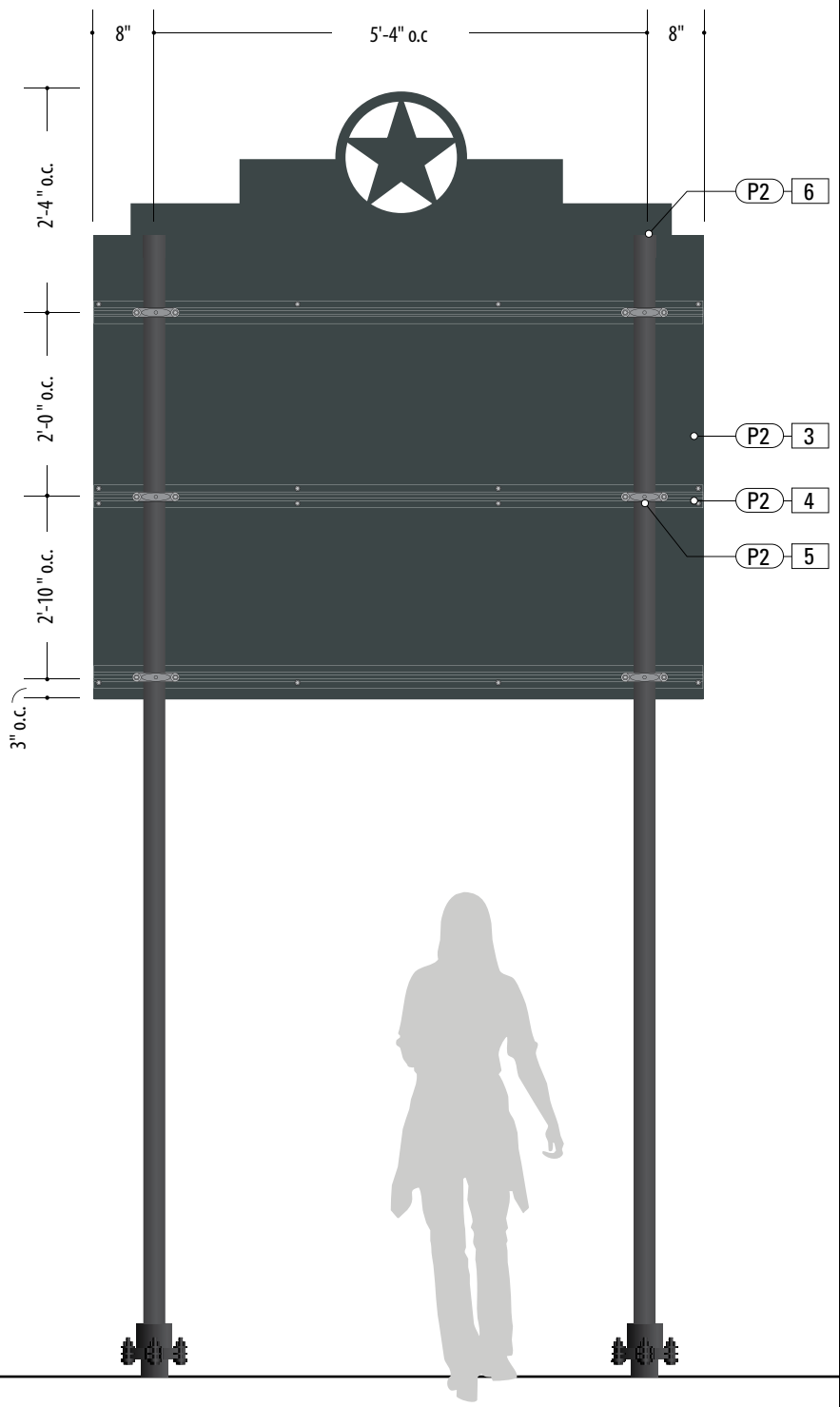
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE 4/26/24	DRAWN BY: KRD	VDIR.3 TXDOT Vehicular Directional
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET NO.
		D.9



Plan View



Side View




Back View

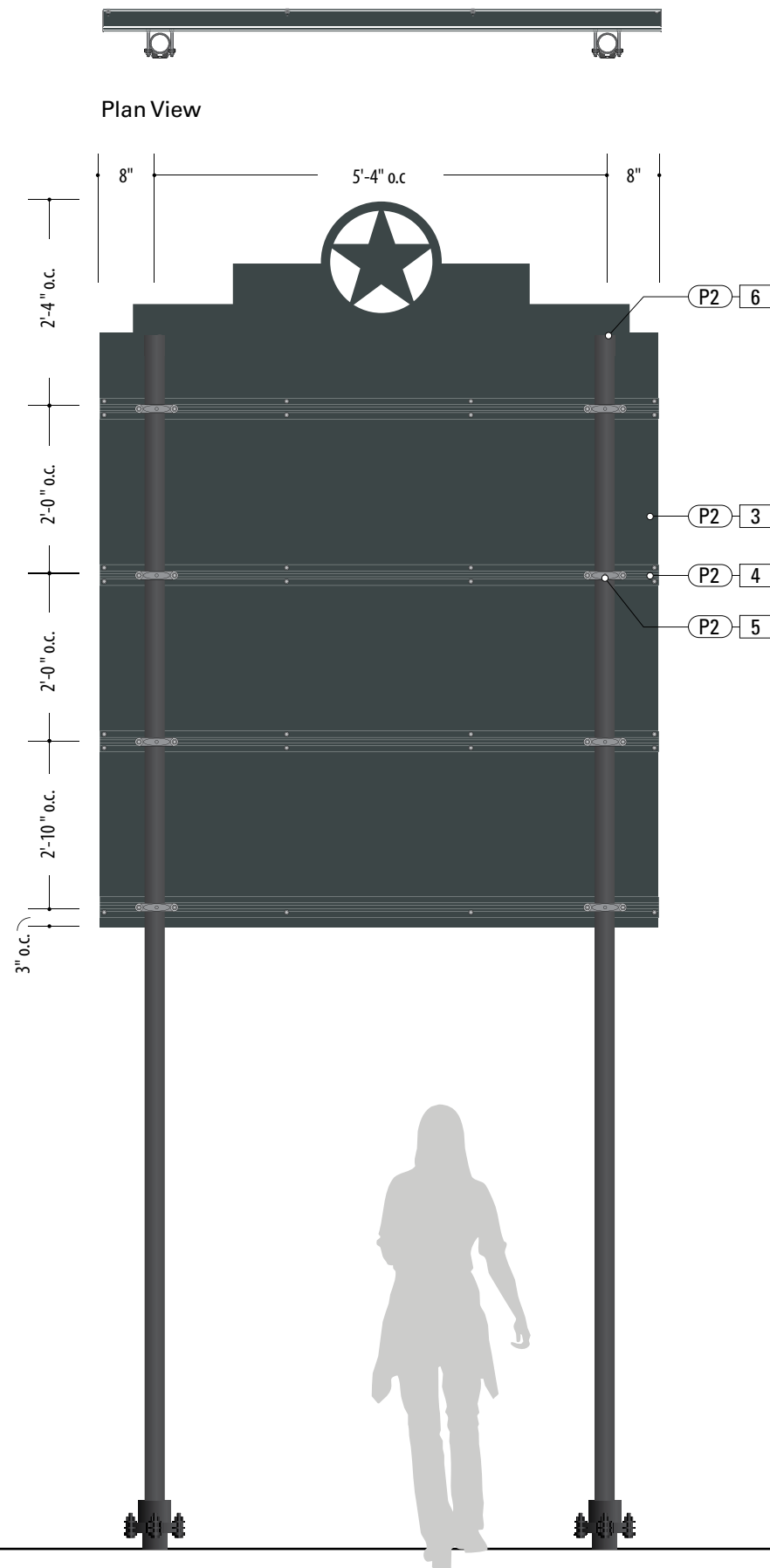
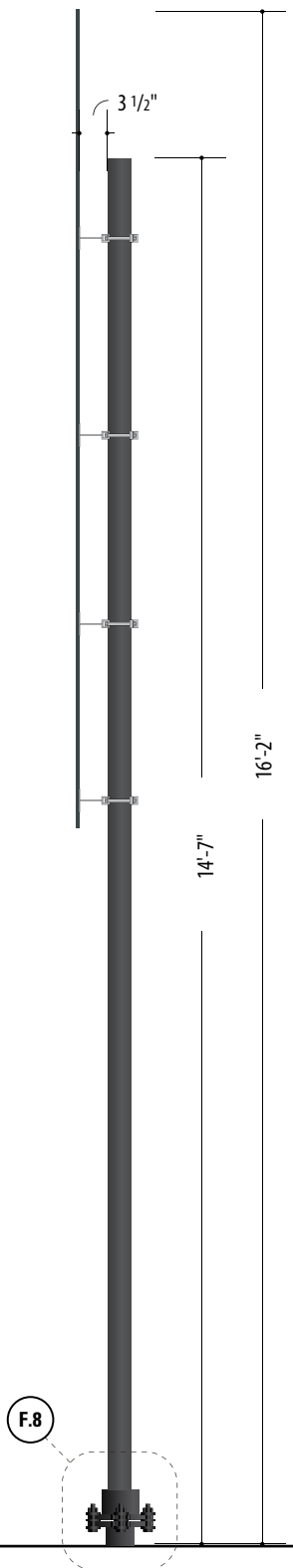
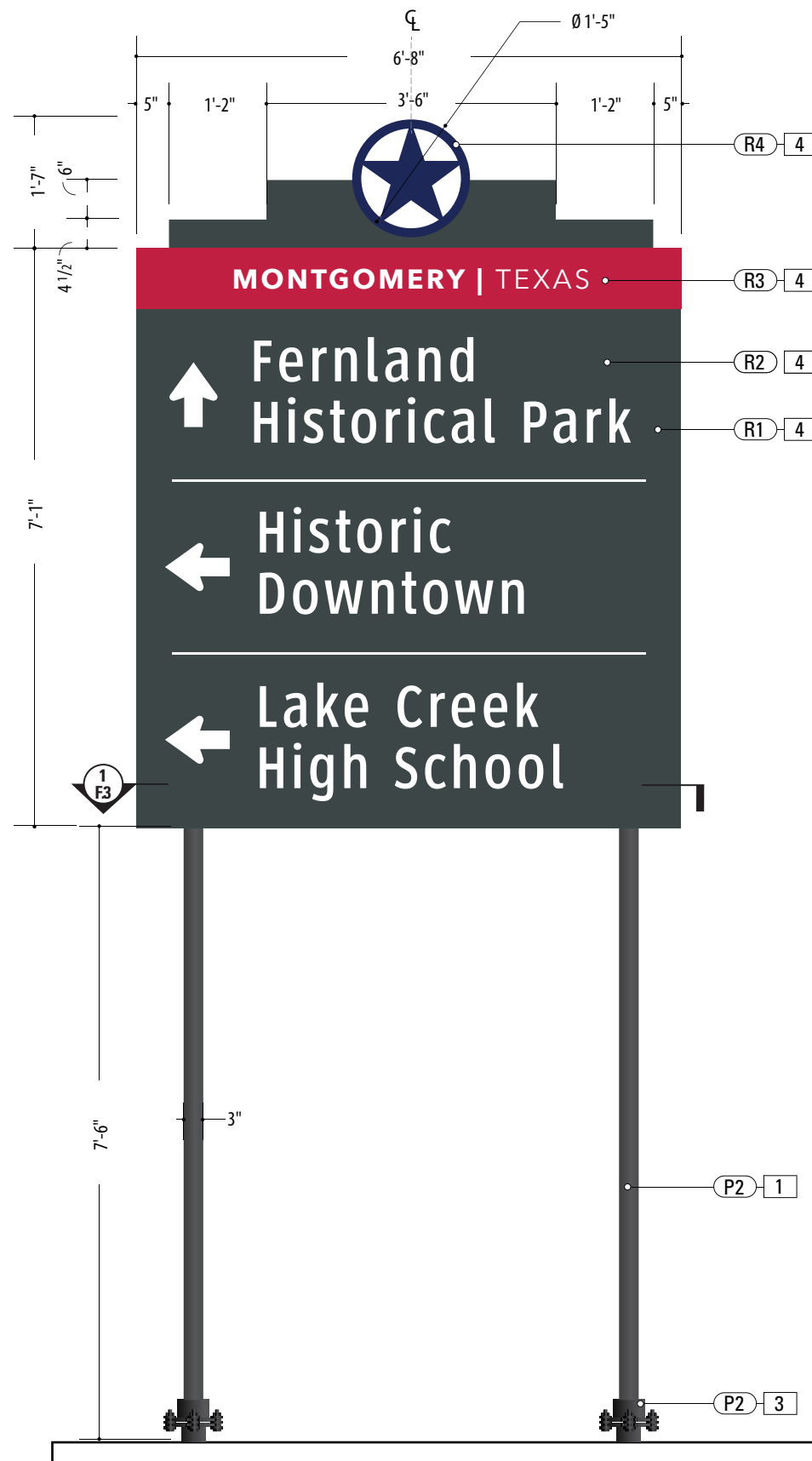
1 Front View: VDIR.5 TXDOT
SCALE: 1/2" = 1'-0"

SPECIFICATIONS **SIGN TYPE:** VDIR.5.TXDOT **FUNCTION:** Vehicular Directional

- 1. SUPPORT POST**
MATERIAL: 2 7/8" Dia. A500 Grade C Sch-80 Steel Pipe, .276" 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: TXDOT Triangular SlipBase Breakaway Assembly (Per Detail Dwg.)
- 2. BREAKAWAY ATTACHMENT**
TXDOT Triangular SlipBase Breakaway Assembly Installed Per Engineer Req. (See Detail Page)
- 3. SIGN PANEL**
MATERIAL: .125" Thk. Aluminum Panel
FABRICATION PROCESS: Router Cut panel + Custom Fabricated
EDGES: Smooth
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)
FASTENERS: Secured w/ S.S. mechanical fasteners (per Detail) to flange of TXDOT extruded aluminum Windbeam
- 4. WINDBEAM**
MATERIAL: TXDOT Extruded Alum. Windbeam
- Cut to Length per Engineer Requirements.
FABRICATION PROCESS: Extruded
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure to Universal Sign Clamp at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 5. SIGN CLAMP**
MATERIAL: TXDOT Universal Sign Clamp
FABRICATION PROCESS: Cast Steel
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure to TXDOT Windbeam at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 6. POST CAP**
MATERIAL: TXDOT Pressure-Cap for 2 7/8"
FABRICATION PROCESS: Rolled Steel
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Press-Seal to top of 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 UV) clear coat or vinyl over laminate.
 3. Hardware: All exposed hardware shall be tamper proof fasteners.
 4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

ENVIRONMENTS & EXPERIENCES  5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		CLIENT / PROJECT	
		Montgomery, TX Wayfinding Program	
SUBCONSULTANT		PROJECT NO.	
DATE	DRAWN BY:	SHEET TITLE	
4/26/24	KRD		
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.		VDIR.5 TXDOT Vehicular Directional	
			REVISIONS
			SHEET NO.
		D.10	




Plan View

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

- 1. SUPPORT POST**
 MATERIAL: 2 7/8" Dia. A500 Grade C Sch-80 Steel Pipe, .276" 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: TXDOT Triangular SlipBase Breakaway Assembly (Per Detail Dwg.)
- 2. BREAKAWAY ATTACHMENT**
 TXDOT Triangular SlipBase Breakaway Assembly Installed Per Engineer Req. (See Detail Page)
- 3. SIGN PANEL**
 MATERIAL: .125" Thk. Aluminum Panel
 FABRICATION PROCESS: Router Cut panel + Custom Fabricated
 EDGES: Smooth
 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)
 FASTENERS: Secured w/ S.S. mechanical fasteners (per Detail) to flange of TXDOT extruded aluminum Windbeam
- 4. WINDBEAM**
 MATERIAL: TXDOT Extruded Alum. Windbeam - Cut to Length per Engineer Requirements.
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure to Universal Sign Clamp at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 5. SIGN CLAMP**
 MATERIAL: TXDOT Universal Sign Clamp
 FABRICATION PROCESS: Cast Steel
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure to TXDOT Windbeam at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 6. POST CAP**
 MATERIAL: TXDOT Pressure-Cap for 2 7/8" Steel Pipe
 FABRICATION PROCESS: Rolled Steel
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Press-Seal to top of Support Post

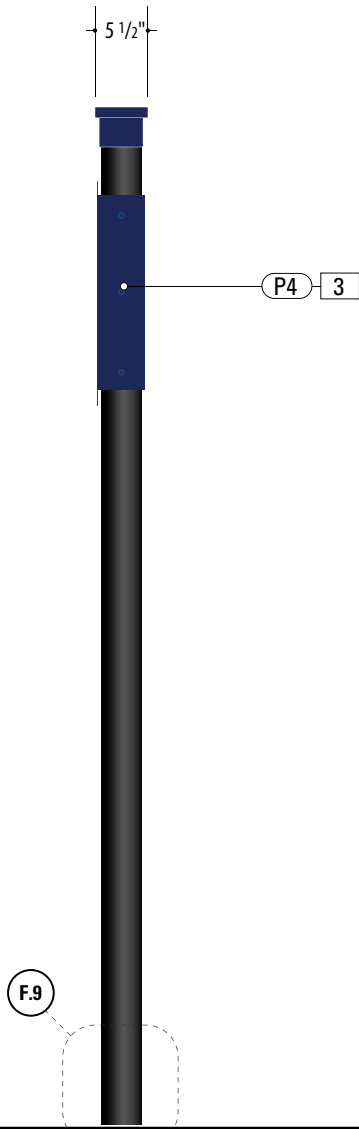
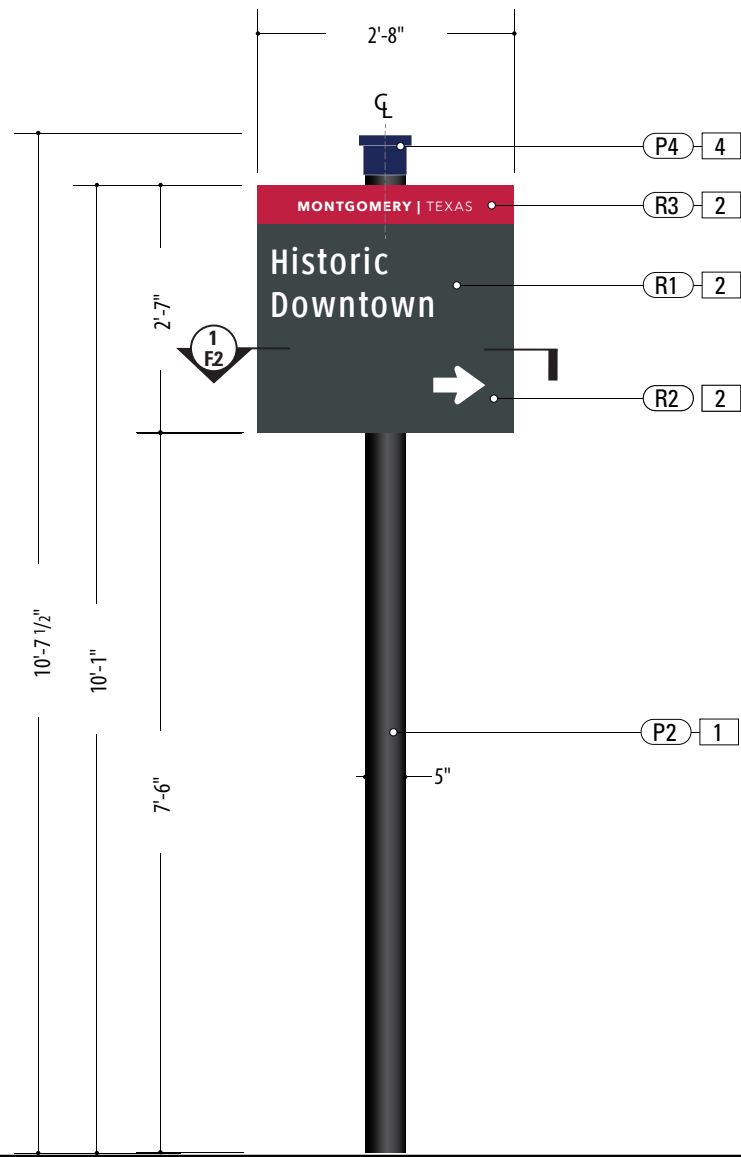
- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and U/V) clear coat or vinyl over laminate.
 3. Hardware: All exposed hardware shall be 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  5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		CLIENT / PROJECT
		Montgomery, TX Wayfinding Program
SUBCONSULTANT		PROJECT NO.
DATE	4/26/24	DRAWN BY: KRD
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 TITLE
		VDIR.6 TXDOT Vehicular Directional
		SHEET NO.
		D.11

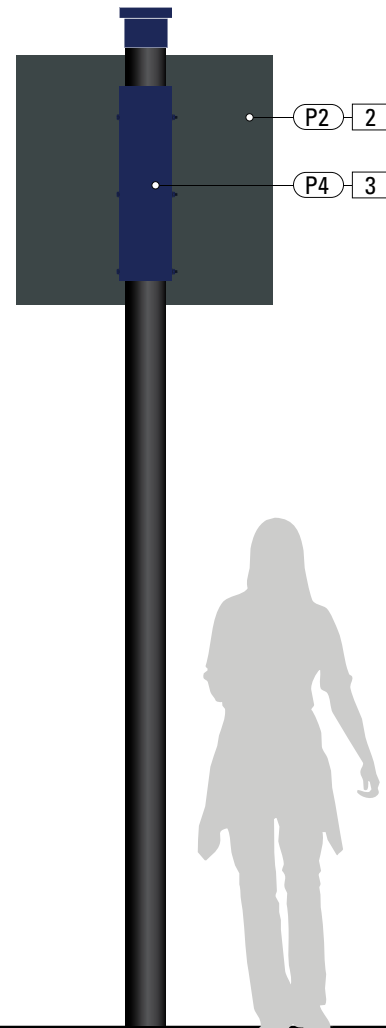
1 Front View: VDIR.6 TXDOT
 SCALE: 1/2" = 1'-0"



Plan View



Side View



Back View

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

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

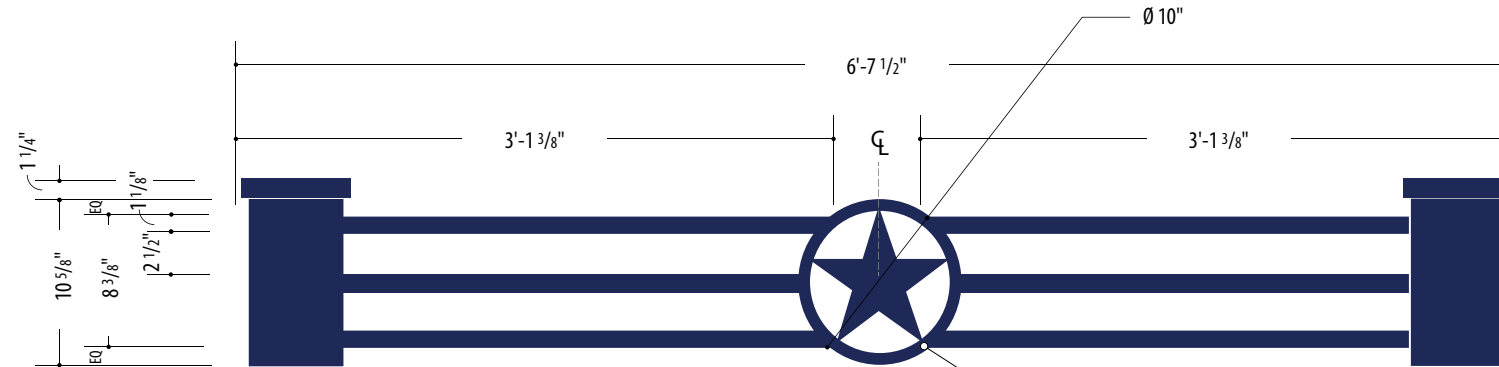
- | | |
|--|---|
| <p>1. SUPPORT POST
 MATERIAL: 5" Dia. Alum. tube, .5" wall
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FOOTER: Match Plate w/ Direct Bury post into concrete footer (Per Detail Dwg.)</p> <p>2. SIGN PANEL
 MATERIAL: .25" Thk. Aluminum Panel
 FABRICATION PROCESS: Router Cut
 EDGES: Smooth
 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: Welded mounting bracket at 2nd Surface for Support Post Attachment (Per Detail)</p> <p>3. ACCENT SLEEVE
 MATERIAL: Aluminum Sheet, 1/8" thk.
 FABRICATION PROCESS: Custom router cut shape w/ 90° break form bend
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Cover / Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p> | <p>4. POST CAP
 MATERIAL: Exterior Grade ABS / Nylon
 FABRICATION PROCESS: Custom FDM 3D Printed
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure w/ concealed fasteners</p> |
|--|---|

- NOTES**
- Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 - All vinyl and painted surfaces must receive a compatible anti-graffiti (and U/V) 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 the project.

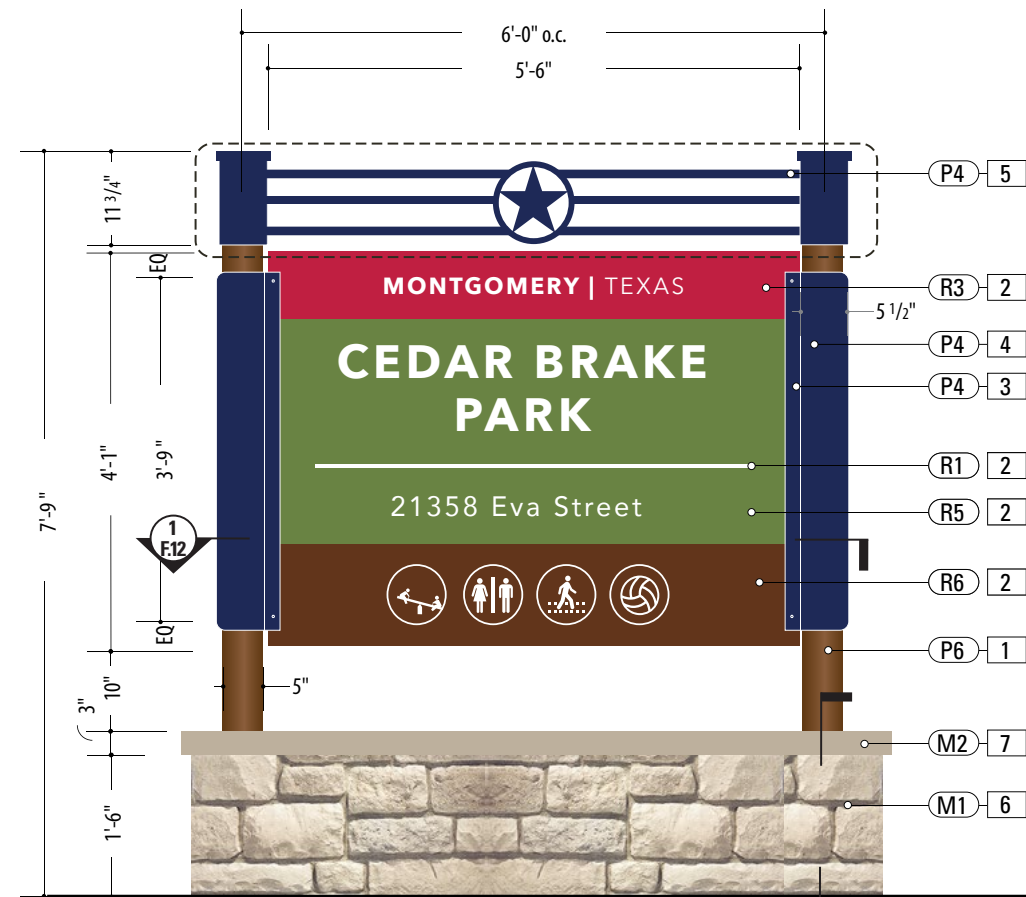
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE RES.1 Vehicular Directional
DATE 4/26/24	DRAWN BY: KRD	SHEET NO.
<small>These drawings are meant for DESIGN 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>		D.12



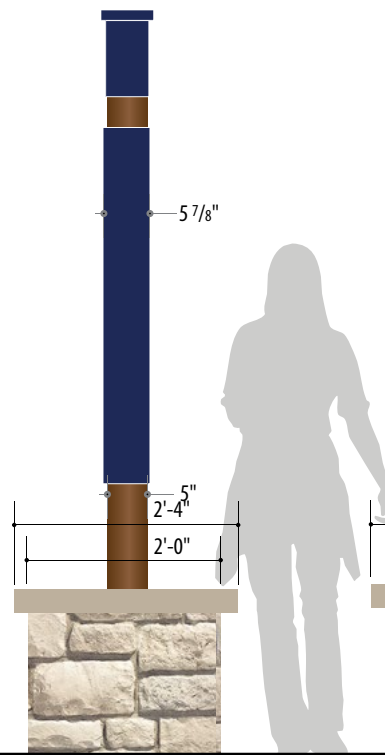
Plan View



2 Detail: PARK.ID.1
SCALE: 1" = 1'-0"



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



Side View



Back View

SPECIFICATIONS SIGN TYPE: PARK.ID.1 FUNCTION: Parking ID

- SUPPORT POST**
MATERIAL: 5" Dia. Alum. tube, .5" 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: Direct Bury post into concrete footer (Per Detail Dwg.)
- SIGN PANEL**
MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
FABRICATION PROCESS: Router Cut panel + Custom Fabricated
EDGES: Smooth
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)
FASTENERS: Secure through Mounting Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- MOUNTING BRACKET**
MATERIAL: 2 1/2" x 2 1/2" x 1/4" Alum. Channel welded to 1/4" Thk. Formed Alum. Mounting Bracket
FABRICATION PROCESS: Custom Fabricated
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- ACCENT SLEEVE**
MATERIAL: Aluminum Sheet, 1/8" thk.
FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- HEADER**
6" Sq. Custom fabricated aluminum tube sleeve w/ Cap. 1" x 1" welded tube cross-bracing and stencil-cut Star icon.
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure to Support Post w/ concealed fasteners
- MASONRY BASE**
SURFACING: Delgado Stone-Dusty Rose-Ashlar
BASE: CMU block with reinforced concrete footer below grade
- CAPSTONE**
MATERIAL: 2-Piece Empire Cast Concrete Cap
Color: Baja C-015 / Finish: Smooth

NOTES

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

Montgomery, TX
Wayfinding Program

PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 4/26/24

DRAWN BY: KRD

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REVISIONS

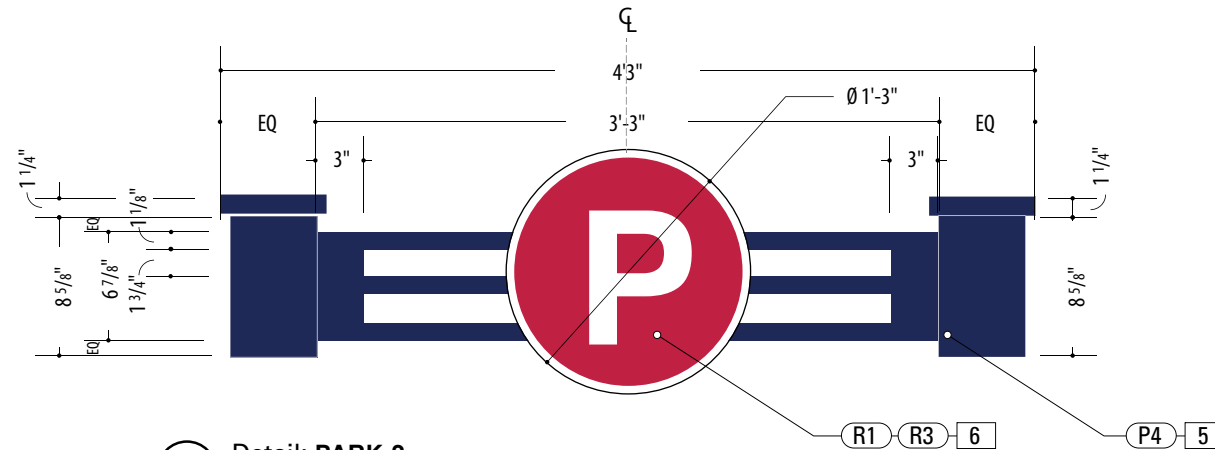
PARK.ID.1
Parking Identification

SHEET NO.

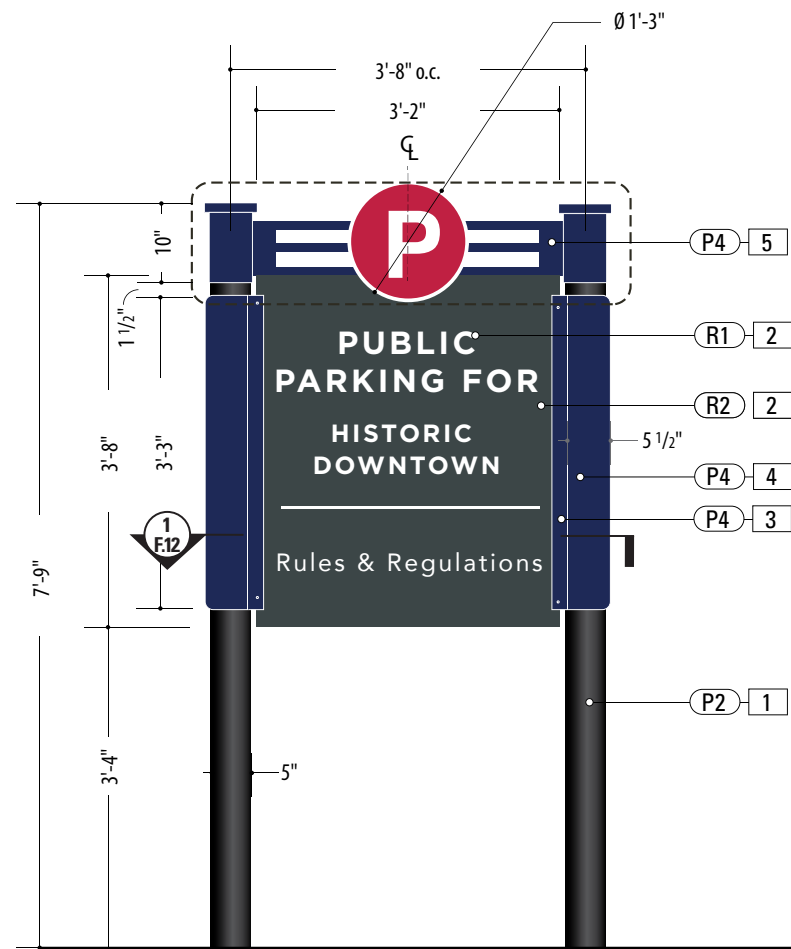
D.13



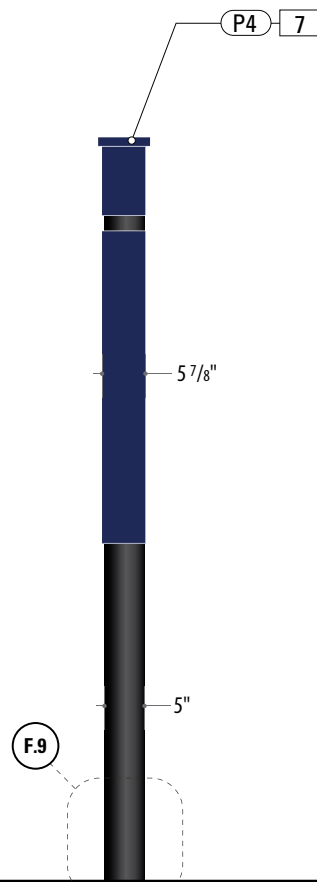
Plan View



2 Detail: **PARK.2**
SCALE: 1" = 1'-0"



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



Side View



Back View

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

- 1. SUPPORT POST**
 MATERIAL: 5" Dia. Alum. tube, .5" 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: Match Plate w/ Direct Bury post into concrete footer (Per Detail Dwg.)
- 2. SIGN PANEL**
 MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
 FABRICATION PROCESS: Router Cut panel + Custom Fabricated
 EDGES: Smooth
 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)
 FASTENERS: Secure through Mounting Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 3. MOUNTING BRACKET**
 MATERIAL: 2 1/2" x 2 1/2" x 1/4" Alum. Channel welded to 1/4" Thk. Formed Alum. Mounting Bracket
 FABRICATION PROCESS: Custom Fabricated
 EDGES: Smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 4. ACCENT SLEEVE**
 MATERIAL: Aluminum Sheet, 1/8" thk.
 FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 5. HEADER**
 6" Sq. Custom fabricated aluminum tube sleeve w/ Cap. 1" x 1" welded tube cross-bracing
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure to Support Post w/ concealed fasteners
- 6. PARKING ICON**
 MATERIAL: Aluminum Sheet, 1/4" thk.
 FABRICATION PROCESS: Custom router cut
 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)
 FASTENERS: Secure to Header cross-bracing w/ concealed Fasteners

NOTES

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

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CLIENT / PROJECT

Montgomery, TX
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PROJECT NO.

SUBCONSULTANT

SHEET TITLE

DATE 4/26/24

DRAWN BY: KRD

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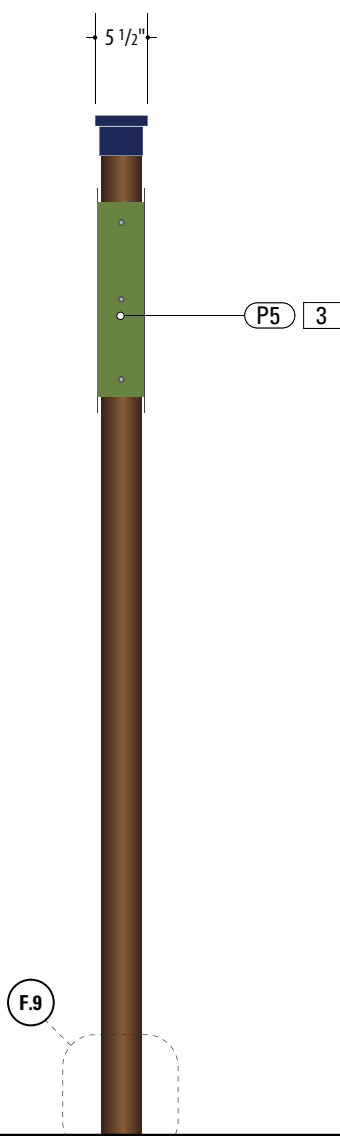
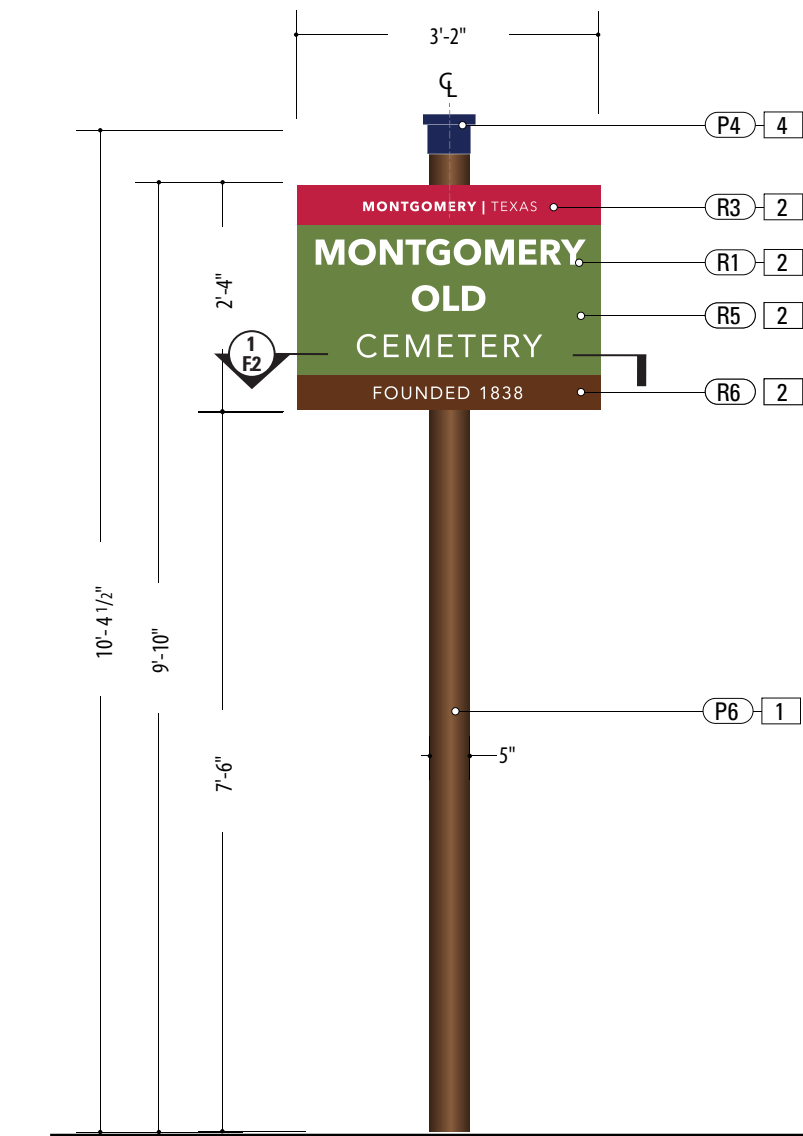
PARK.2
Parking Identification

SHEET NO.

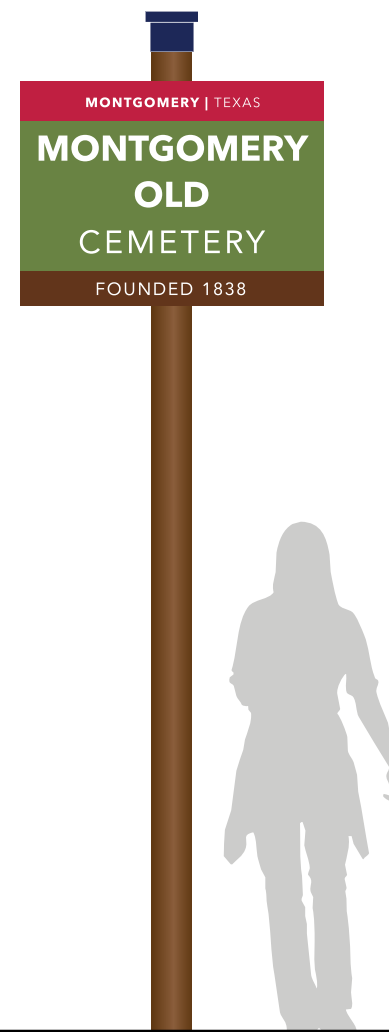
D.14



Plan View



Side View



Back View

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

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

1. SUPPORT POST

MATERIAL: 5" Dia. Alum. tube, .5" 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: Match Plate w/ Direct Bury post into concrete footer (Per Detail Dwg.)

5. POST CAP

MATERIAL: Exterior Grade ABS / Nylon
FABRICATION PROCESS: Custom FDM 3D Printed
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure w/ concealed fasteners

2. SIGN PANEL

MATERIAL: .25" Thk. Aluminum Panel
FABRICATION PROCESS: Router Cut
EDGES: Smooth
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: Welded mounting bracket at 2nd Surface for Support Post Attachment (Per Detail)

4. ACCENT SLEEVE

MATERIAL: Aluminum Sheet, 1/8" thk.
FABRICATION PROCESS: Custom router cut shape w/ 90° break form bend
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Cover / Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required

NOTES

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

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SHEET TITLE

DATE 4/26/24

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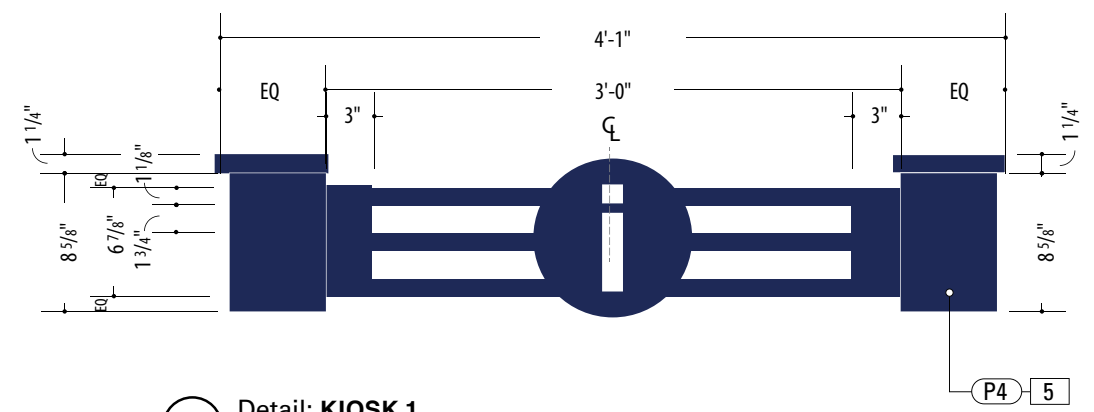
PARK.ID.2
Parking Identification

SHEET NO.

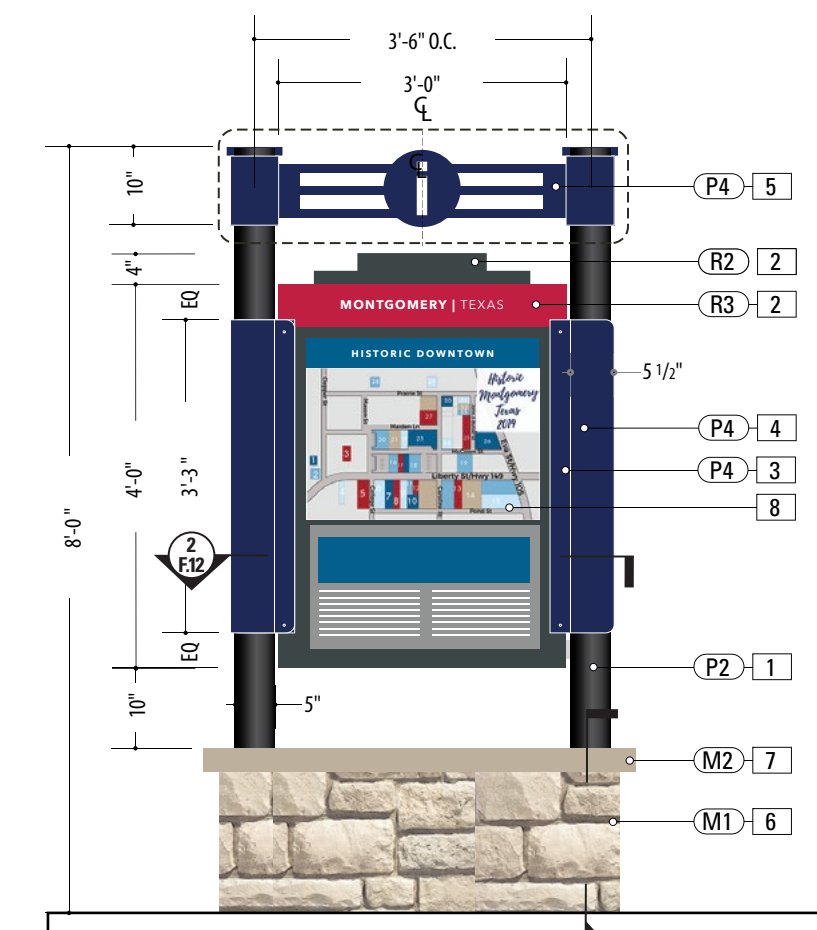
D.15



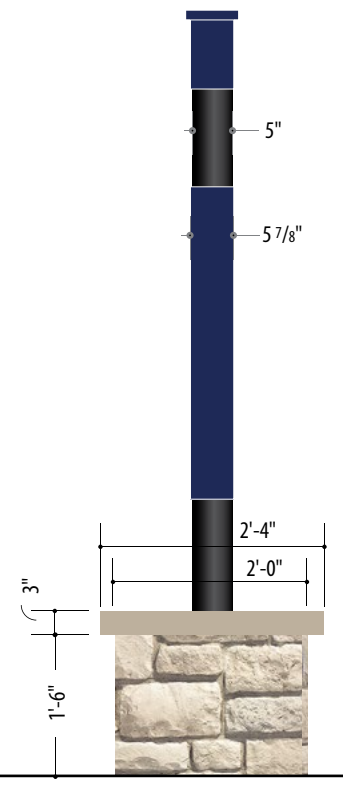
Plan View



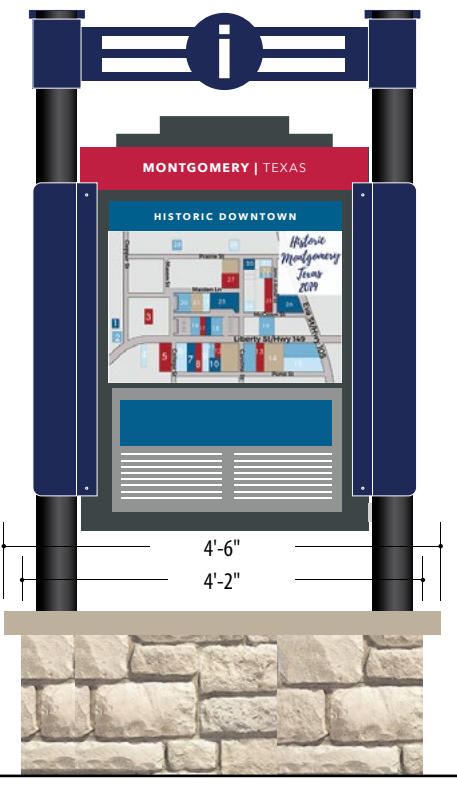
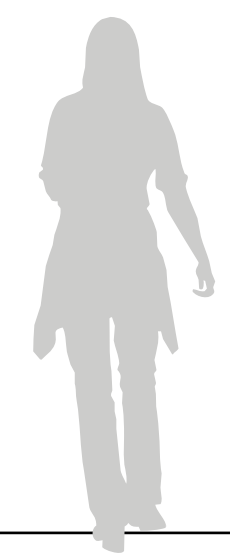
2 Detail: KIOSK.1
SCALE: 1" = 1'-0"



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



Side View



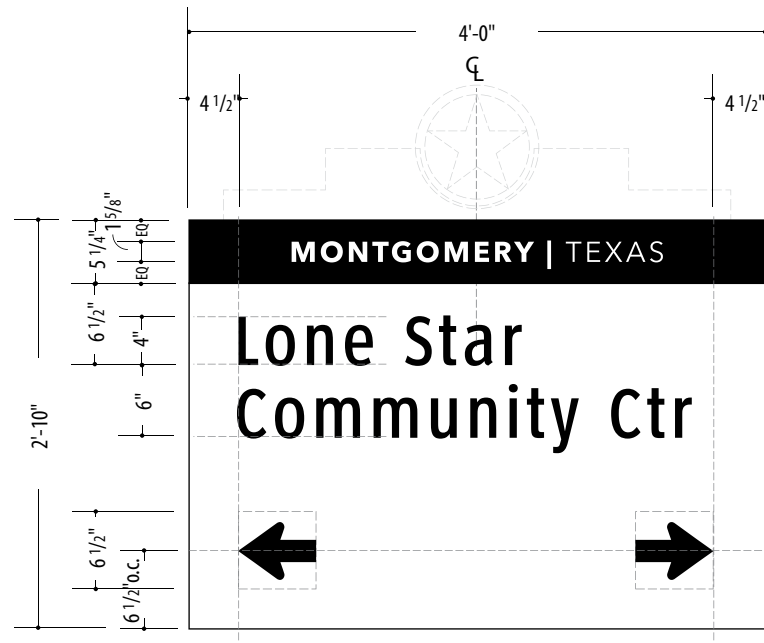
Back View

SPECIFICATIONS	SIGN TYPE: KIOSK.1	FUNCTION: Information Kiosk
<p>1. SUPPORT POST MATERIAL: 5" Dia. Alum. tube, .5" 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: Direct Bury post into concrete footer (Per Detail Dwg.)</p>		<p>4. ACCENT SLEEVE MATERIAL: Aluminum Sheet, 1/8" thk. FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p>
<p>2. PANEL FRAME MATERIAL: .125" Thk. Aluminum Panel over 1 1/2" x 1 1/2" Alum. Tube Frame FABRICATION PROCESS: Router Cut panel w/ Window-Cut + Custom Fabricated Central Frame EDGES: Smooth SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish FASTENERS: Secure through Mounting Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p>		<p>5. HEADER 6" Sq. Custom fabricated aluminum tube sleeve w/ Cap. 1" x 1" welded tube cross-bracing and stencil-cut Information icon. SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENERS: Secure to Support Post w/ concealed fasteners</p>
<p>3. MOUNTING BRACKET MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to 1/4" Thk. Formed Alum. Mounting Bracket FABRICATION PROCESS: Custom Fabricated EDGES: Smooth SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p>		<p>6. MASONRY BASE SURFACING: Delgado Stone-Dusty Rose-Ashlar BASE: CMU block with reinforced concrete footer below grade</p>
		<p>7. CAPSTONE MATERIAL: 2-Piece Empire Cast Concrete Cap Color: Baja C-015 / Finish: Smooth</p>
		<p>8. SIGN PANEL MATERIAL: .125" Thk. PVC Insert FABRICATION PROCESS: Router Cut EDGES: Smooth GRAPHIC BACKGROUND AND COPY PROCESS: Custom UV print direct to substrate FASTENERS: Top-Load Insert to Panel Frame</p>

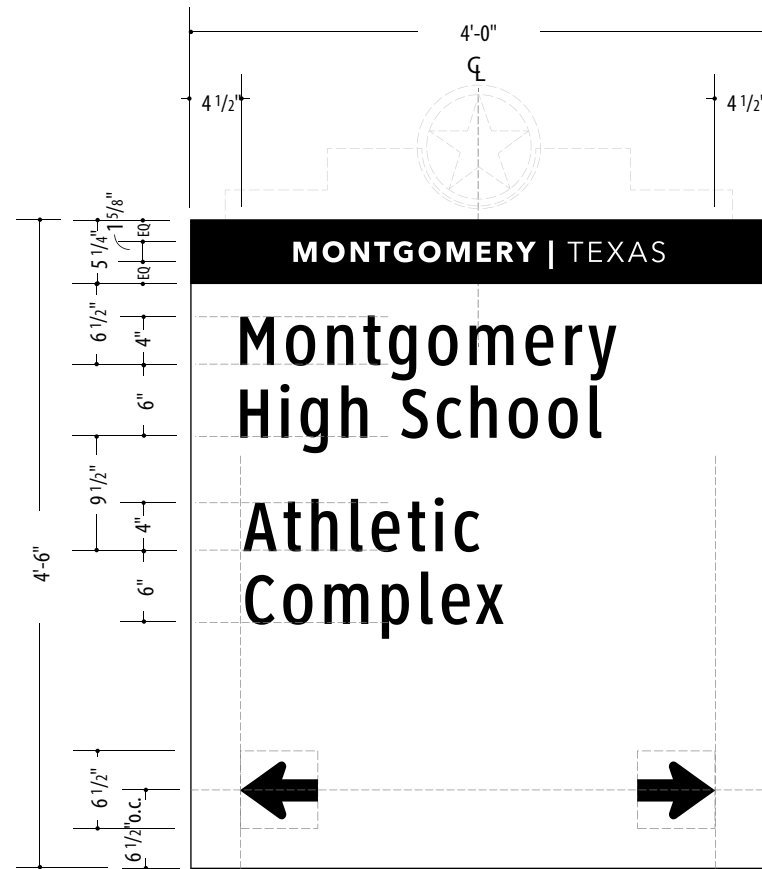
- NOTES**
- Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 - All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
 - Hardware: All exposed hardware shall be tamper proof fasteners.
 - 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	DRAWN BY:	<p>KIOSK.1 Informational Kiosk</p>
4/26/24	KRD	
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		<p>D.16</p>

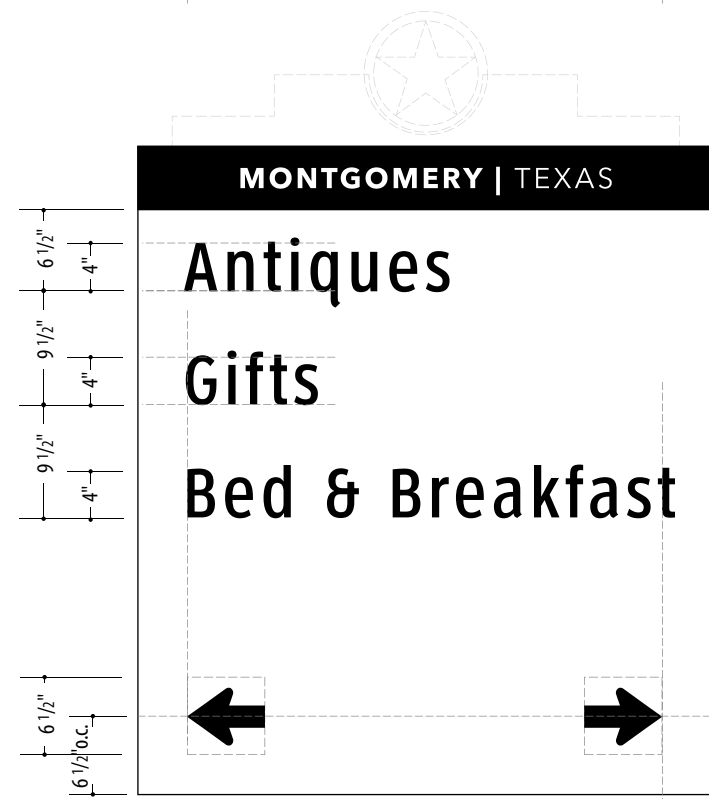
E | Graphic Layouts



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



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



SPECIFICATIONS

VDIR.1
VDIR.2

NOTES:

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

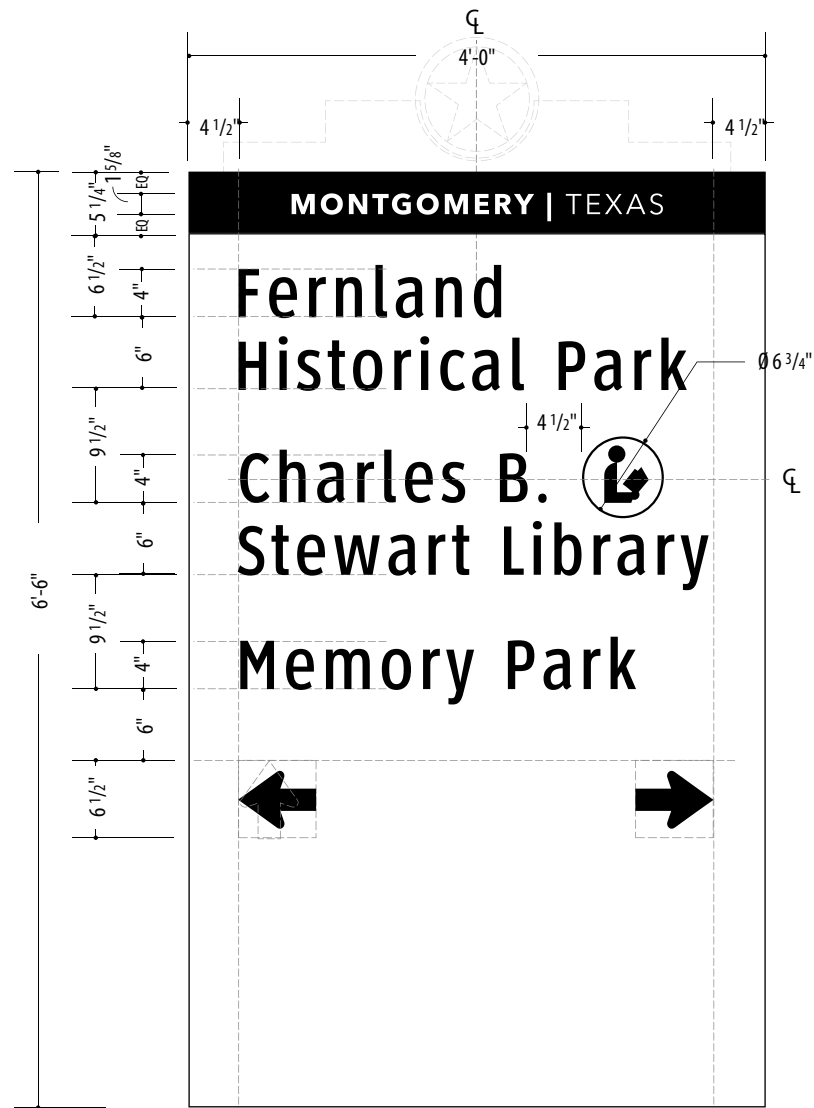
PROJECT NO.

SHEET TITLE

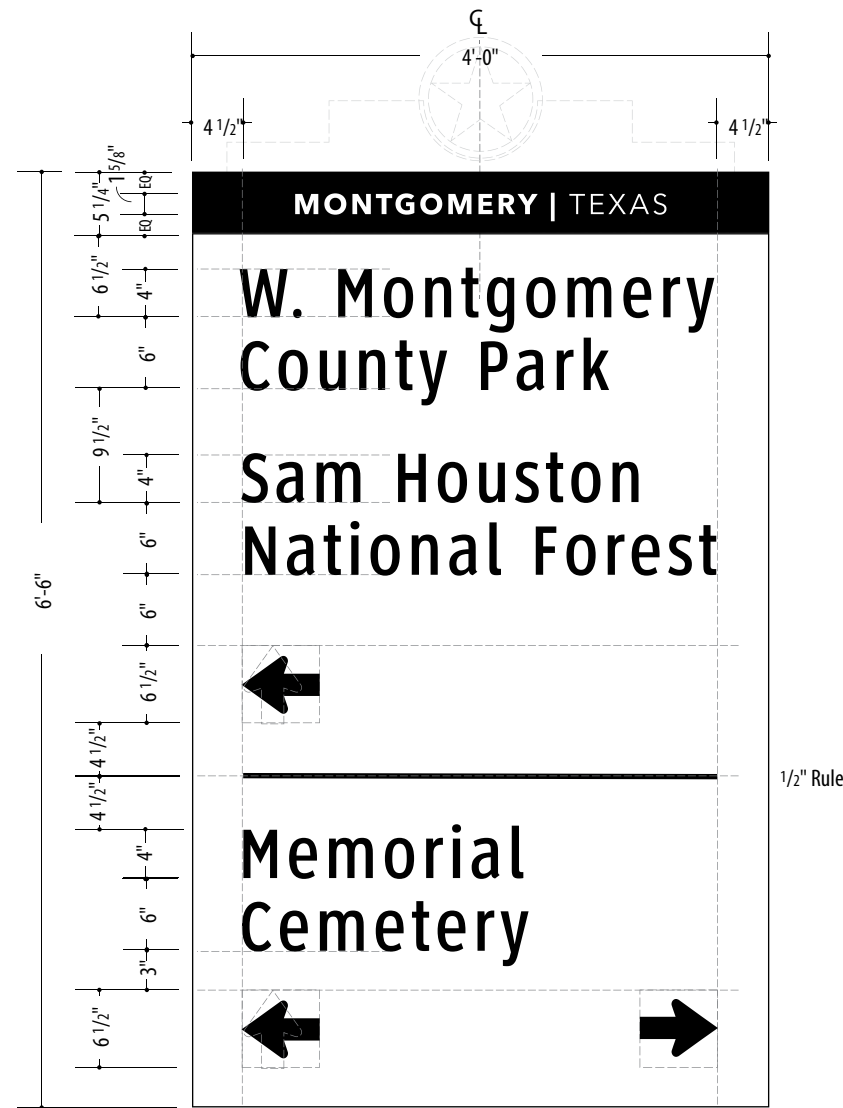
Graphic Layout

SHEET NO.

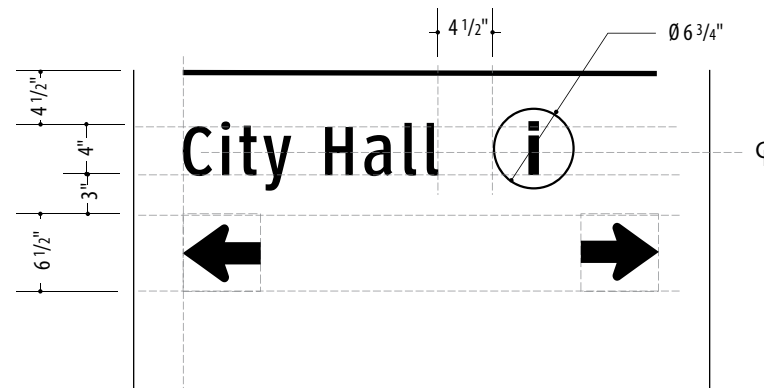
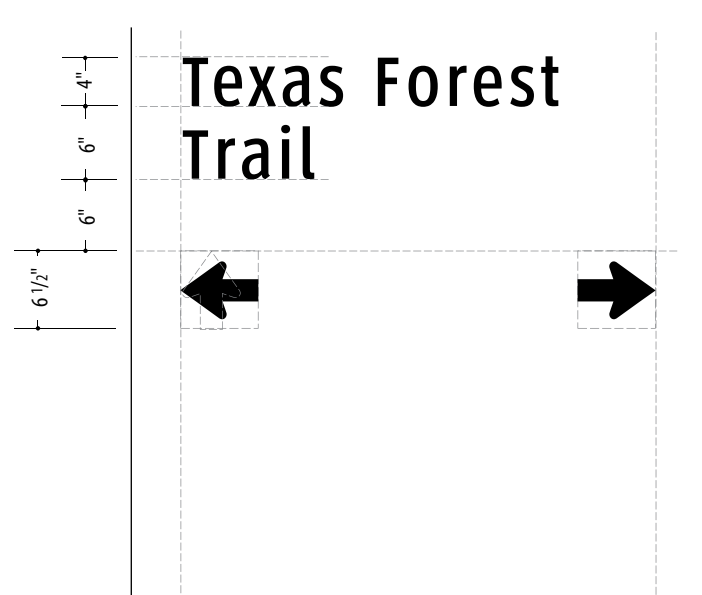
E.1



1 Layout: VDIR.3 / VDIR.3.TXDOT (3/0) Listing / 1 Direction
SCALE: 3/4" = 1'-0"



2 Layout: VDIR.3 (2/1 Listing - 2 Direction)
SCALE: 3/4" = 1'-0"



SPECIFICATIONS

VDIR.3
VDIR.3 TXDOT

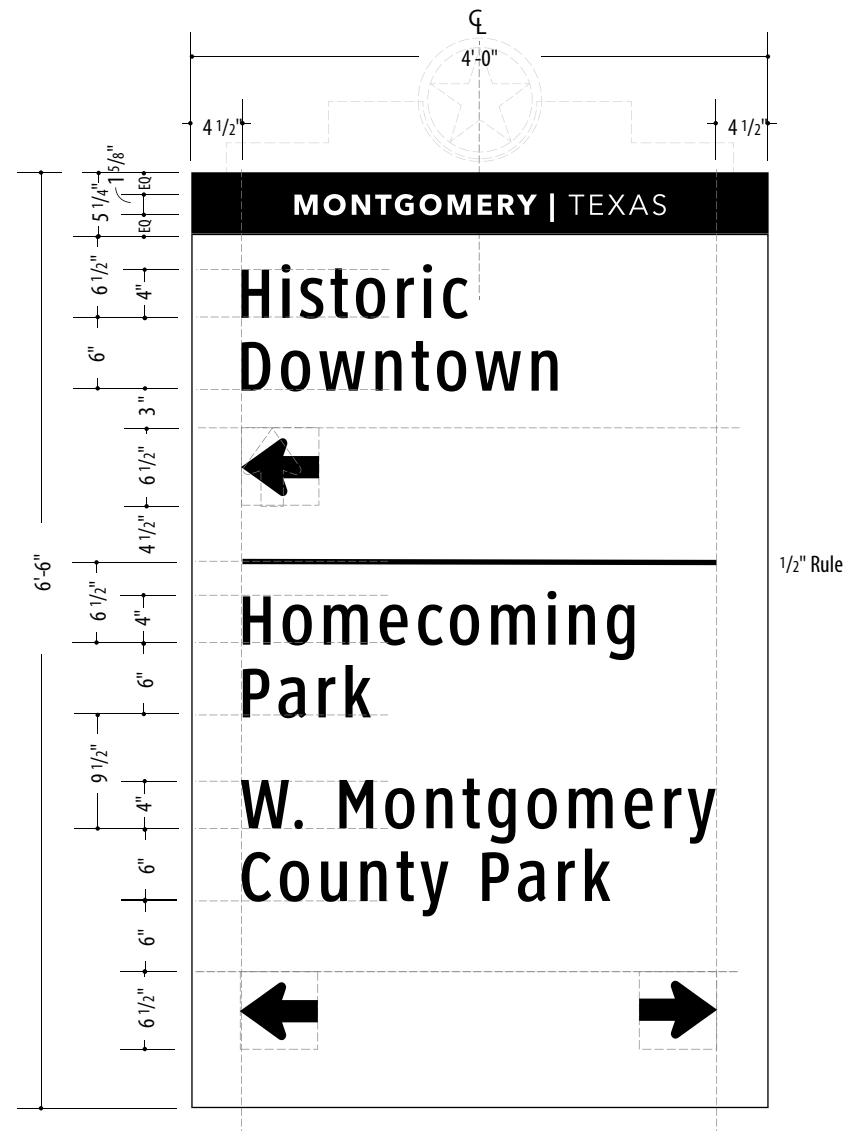
- NOTES:
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 2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
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ENVIRONMENTS & EXPERIENCES

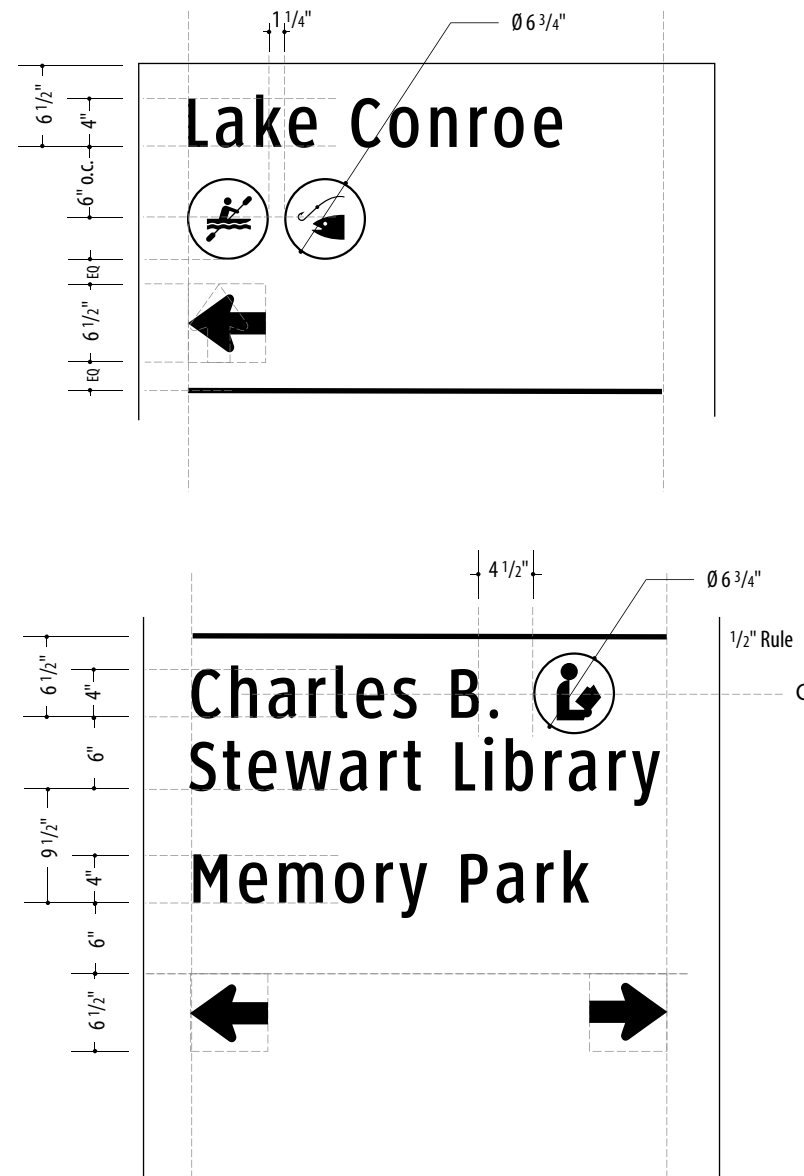
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DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO. E.2
REVISIONS	



1 Layout: VDIR.3 (1/2 Listing - 2 Direction)
SCALE: 3/4" = 1'-0"



SPECIFICATIONS

VDIR.3

NOTES:

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

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REVISIONS

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

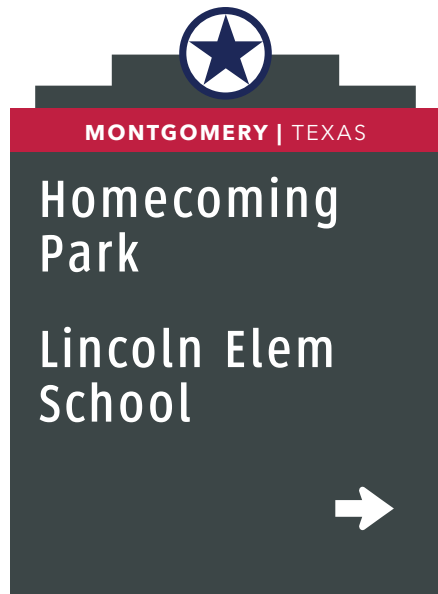
PROJECT NO.

SHEET TITLE

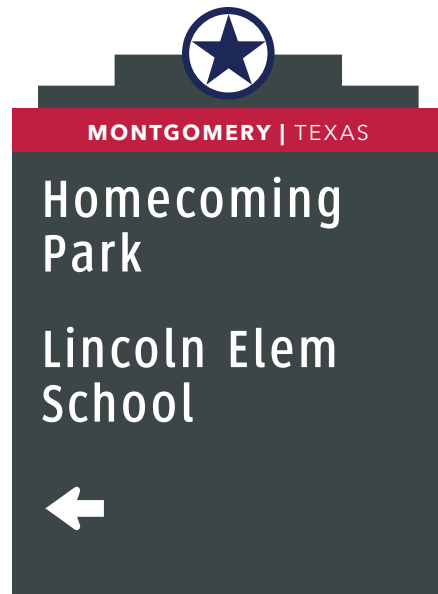
Graphic Layout

SHEET NO.

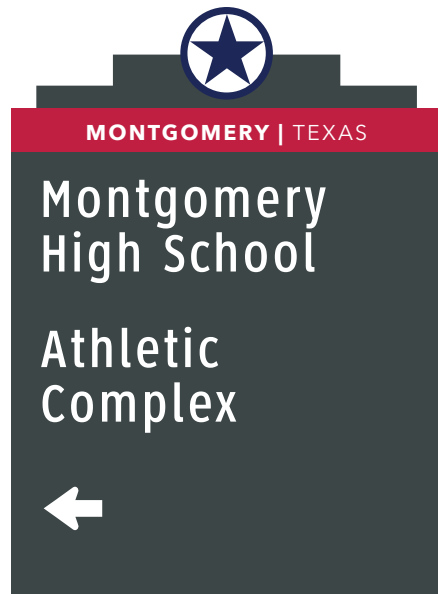
E.3



113



114



133



144

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



131



132

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

SPECIFICATIONS

VDIR.1
VDIR.2

NOTES:

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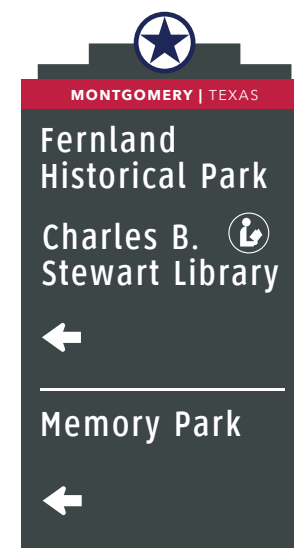
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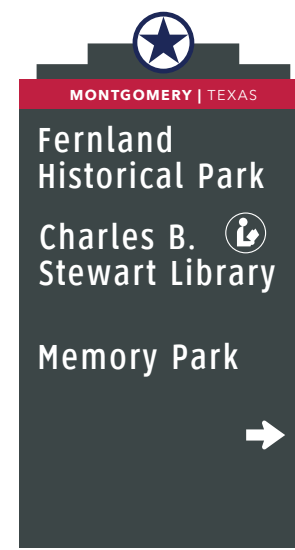
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	
<small>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions 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>	PROJECT NO.
	SHEET TITLE Graphic Layout
	SHEET NO. E.4
REVISIONS	

SPECIFICATIONS

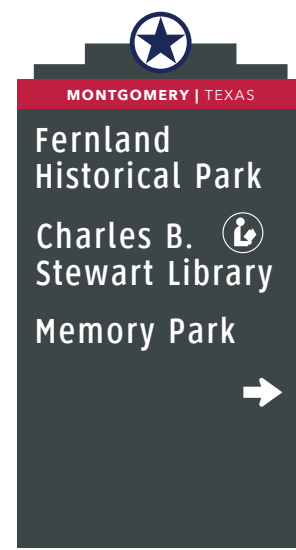
**VDIR.3
VDIR.3 TXDOT**



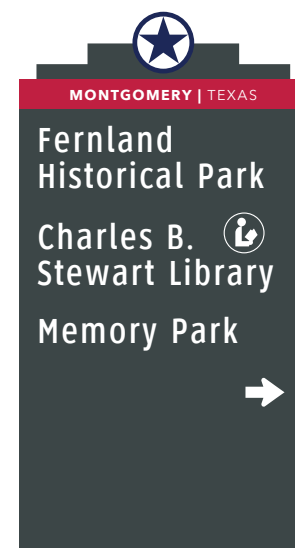
104



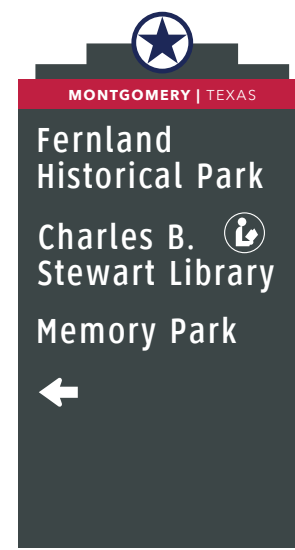
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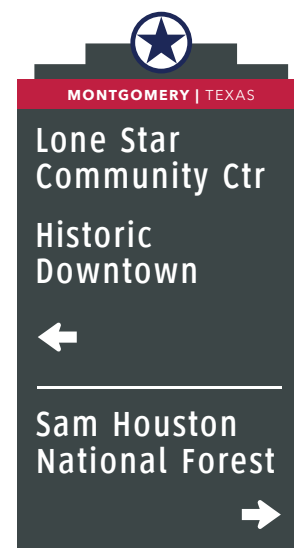
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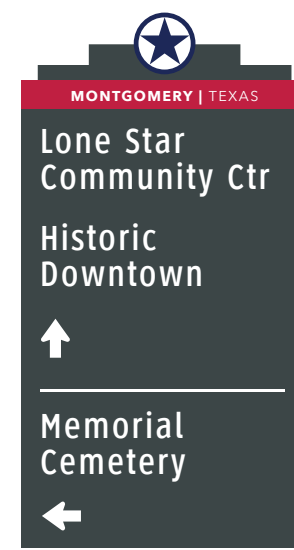
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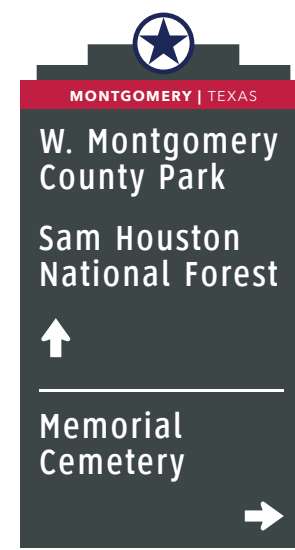
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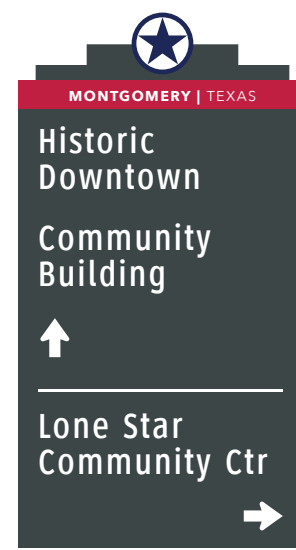
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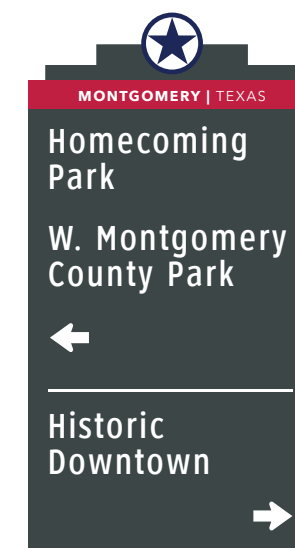
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112



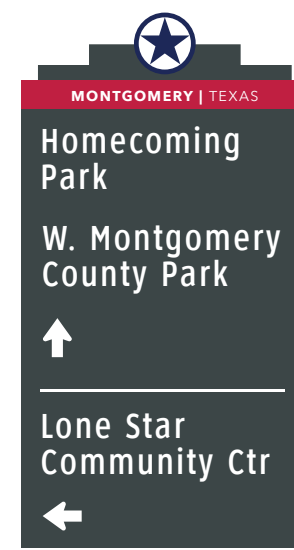
115



116



117



118

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

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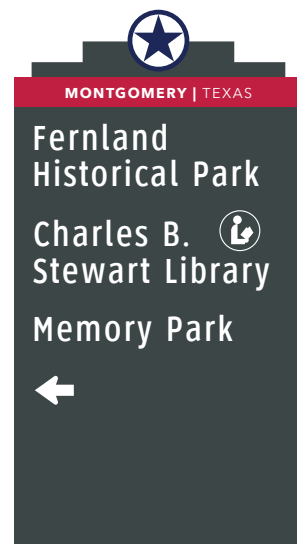
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO. E.5
	REVISIONS

SPECIFICATIONS

**VDIR.3
VDIR.3 TXDOT**



119



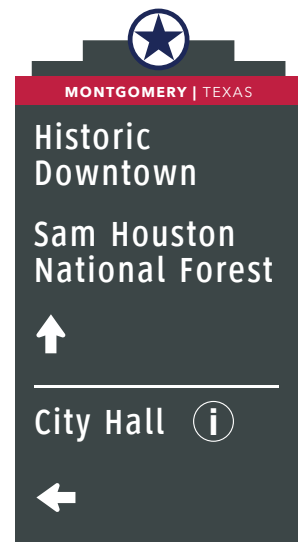
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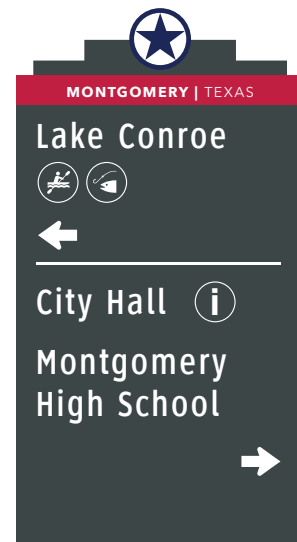
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122



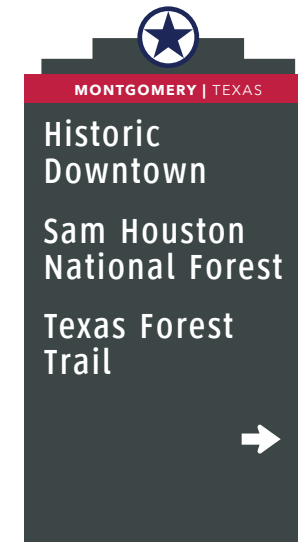
127



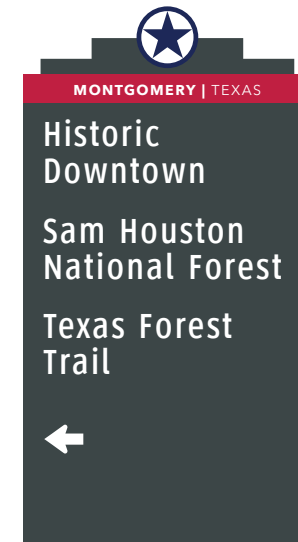
128



139



125



126

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

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

NOTES:

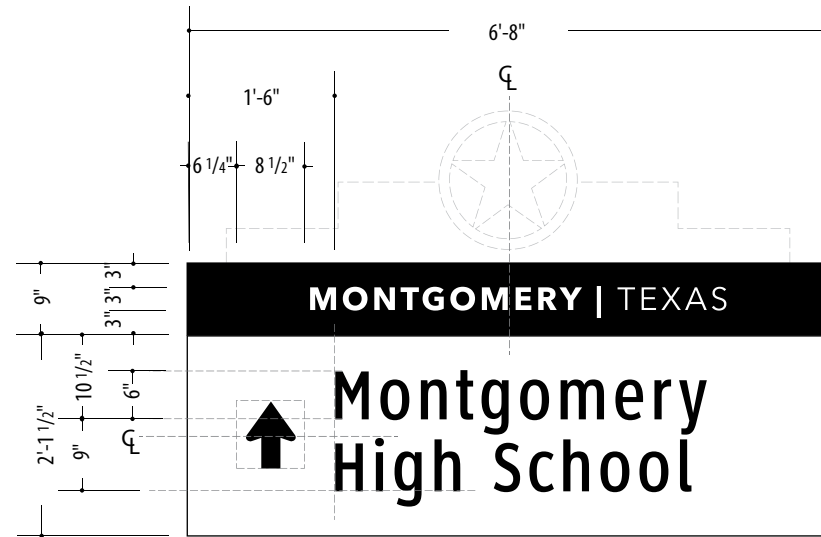
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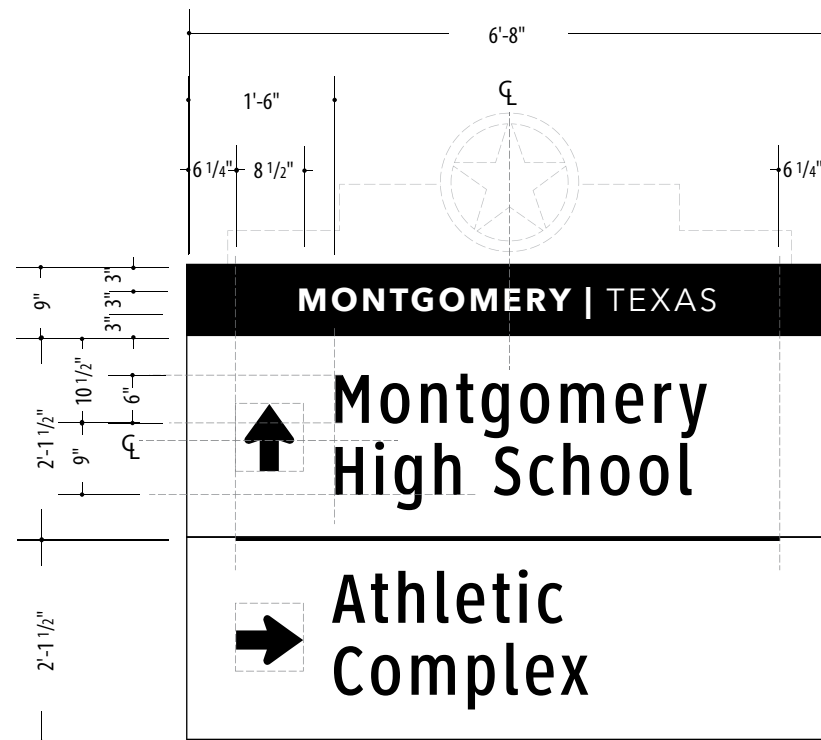
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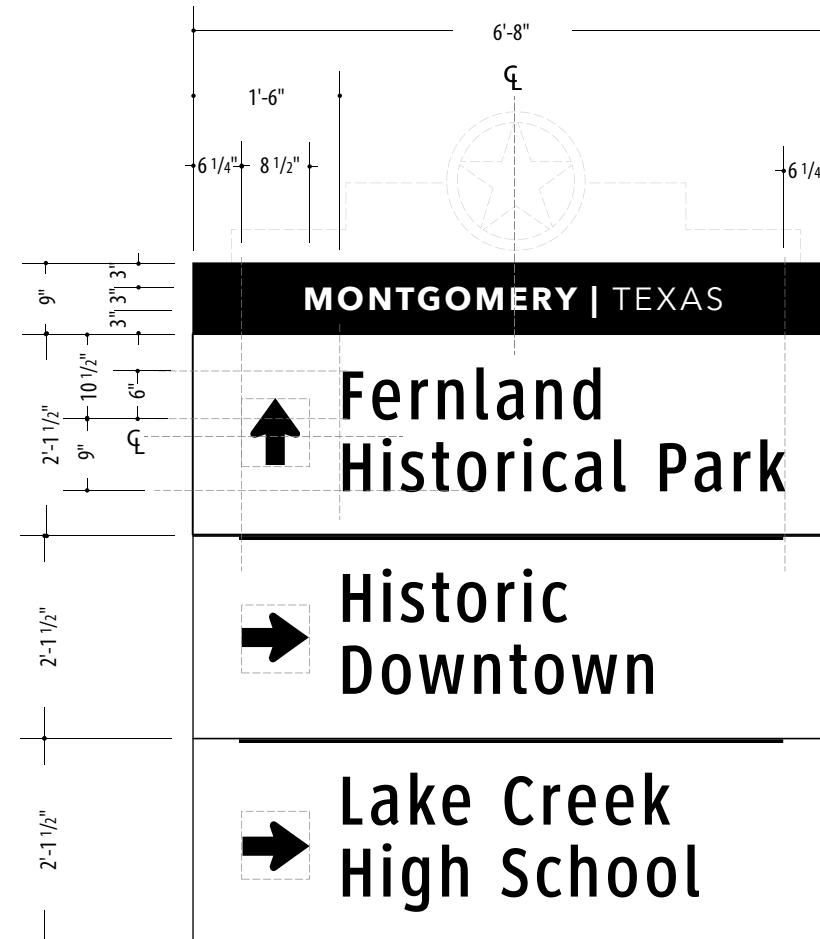
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO. E.6
	REVISIONS



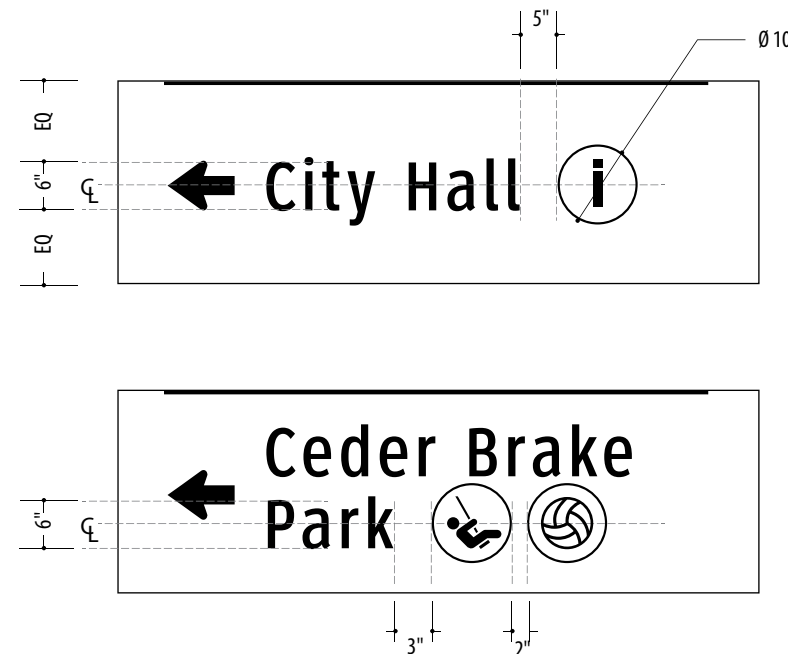
1 Layout: VDIR.4
SCALE: 1/2" = 1'-0"



2 Layout: VDIR.5
SCALE: 1/2" = 1'-0"



3 Layout: VDIR.6
SCALE: 1/2" = 1'-0"



Rule: 3/8" thk.

Rule: 3/8" thk.

SPECIFICATIONS

VDIR.4
VDIR.5
VDIR.6

NOTES:

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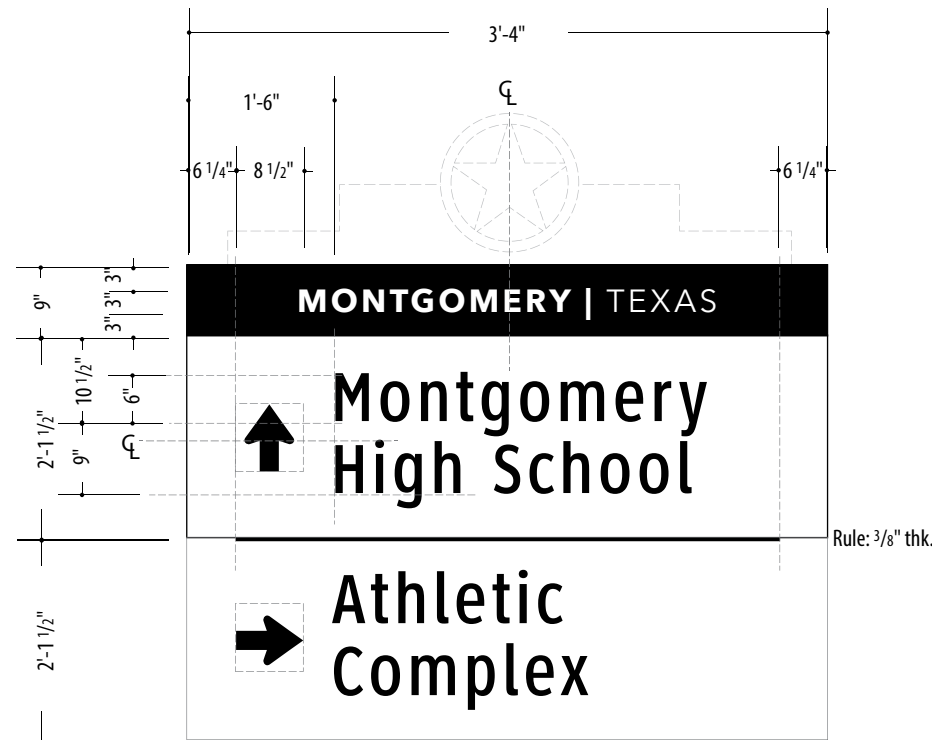
PROJECT NO.

SHEET TITLE

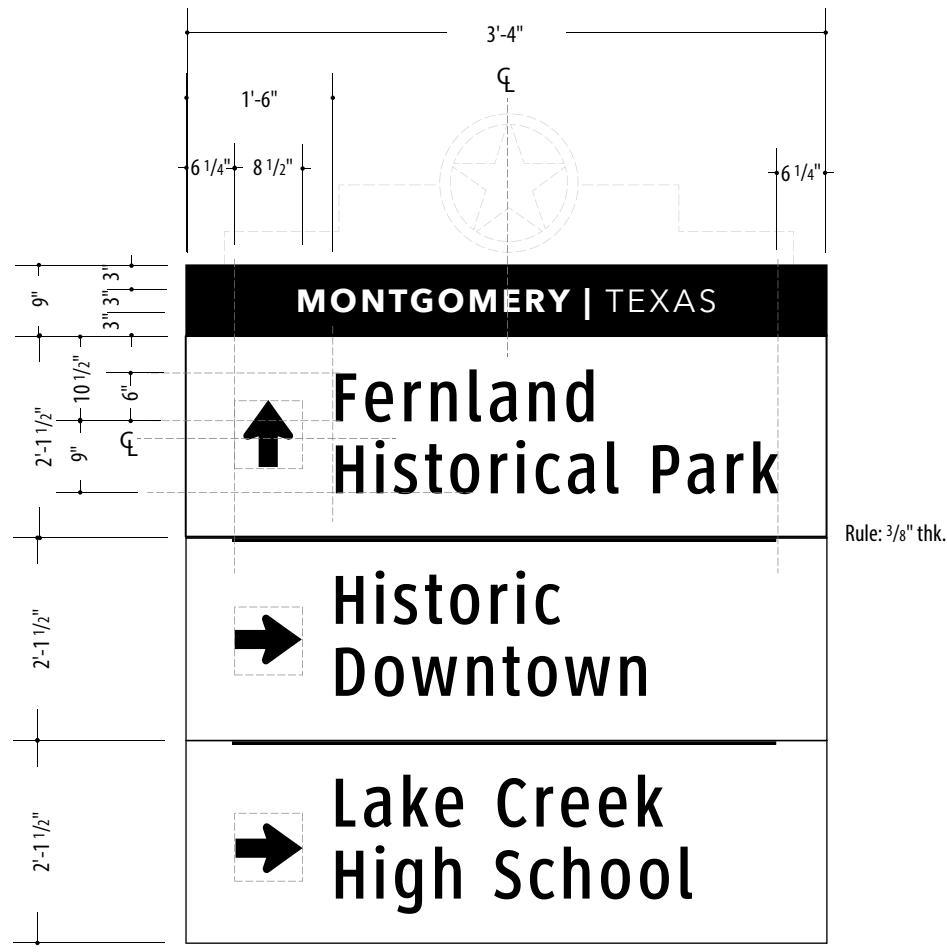
Graphic Layout

SHEET NO.

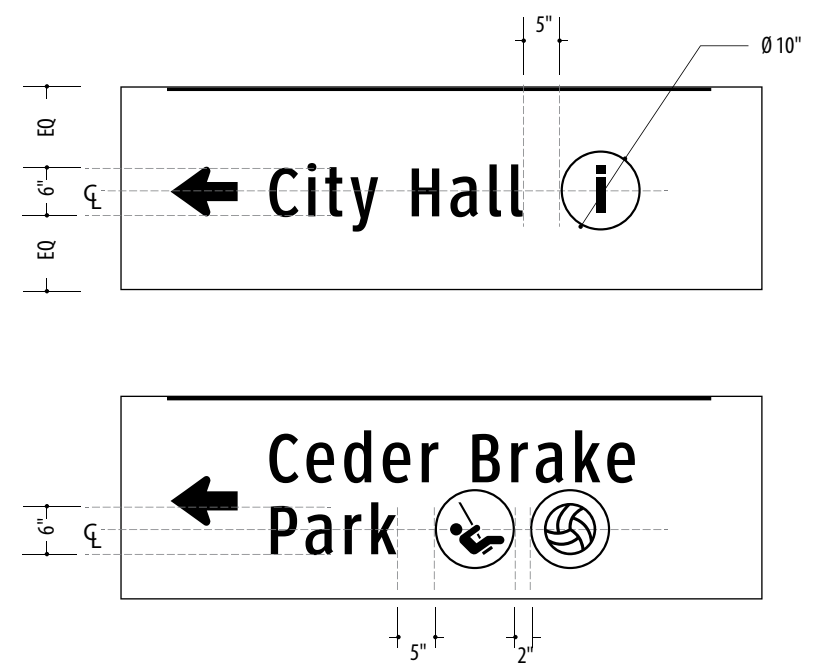
E.7



1 Layout: VDIR.5 TXDOT
SCALE: 1/2" = 1'-0"



2 Layout: VDIR.6 TXDOT
SCALE: 1/2" = 1'-0"



SPECIFICATIONS

VDIR.5 TXDOT
VDIR.6 TXDOT

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REVISIONS	

CLIENT / PROJECT	Montgomery, TX Wayfinding Program
PROJECT NO.	
SHEET TITLE	Graphic Layout
SHEET NO.	

SPECIFICATIONS

**VDIR.6
VDIR.6 TXDOT**

- NOTES:
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	SHEET NO.
	E.9



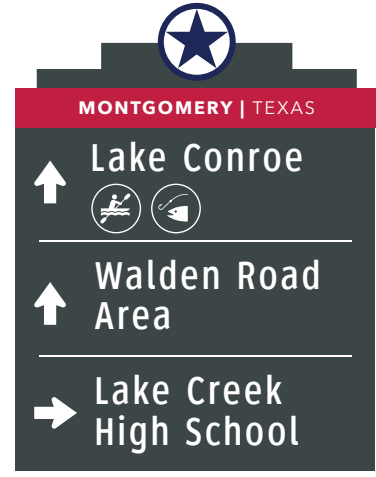
100
(TXDOT)



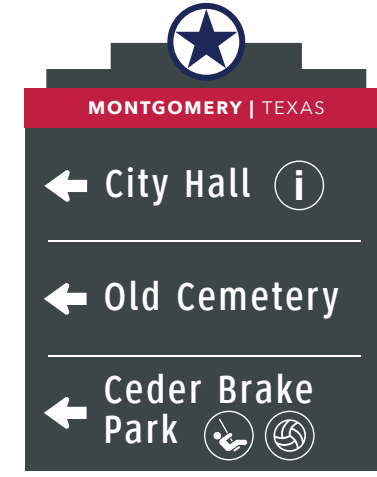
101
(TXDOT)



102
(TXDOT)



103
(TXDOT)



129
(TXDOT)

1 Graphic Layouts: VDIR.6.TXDOT
SCALE: 3/8" = 1'-0"



130
(TXDOT)



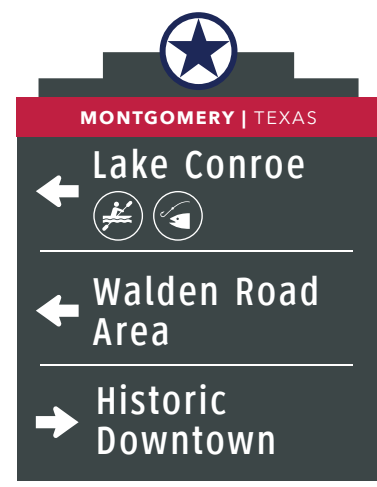
135
(TXDOT)



109



136

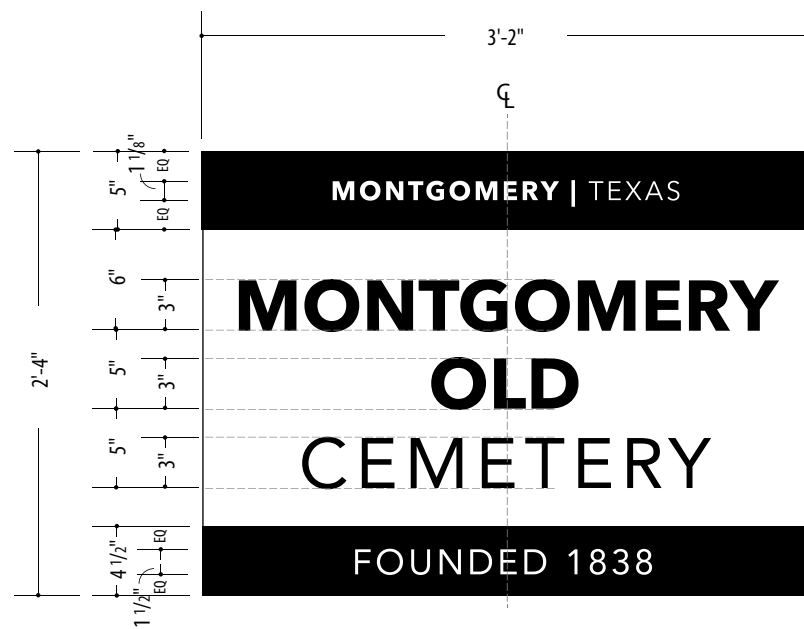


137

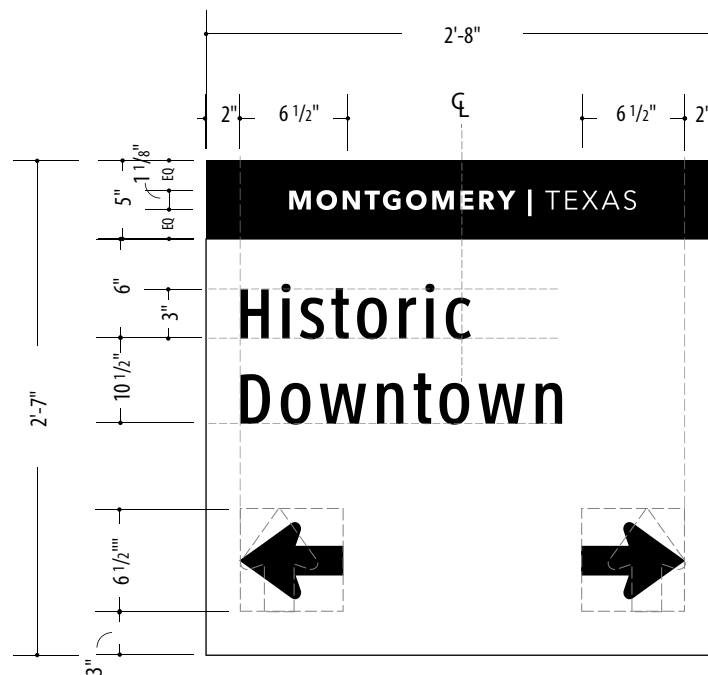
2 Graphic Layouts: VDIR.6
SCALE: 3/8" = 1'-0"



1 Layout: **PARK.ID.1**
SCALE: 1" = 1'-0"



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



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

SPECIFICATIONS

PARK.ID.1
PARK.ID.2
RES.1

NOTES:

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Wayfinding Program

PROJECT NO.

SHEET TITLE

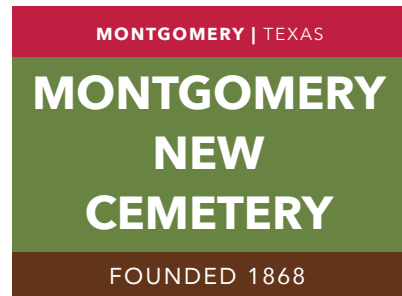
Graphic Layout

SHEET NO.

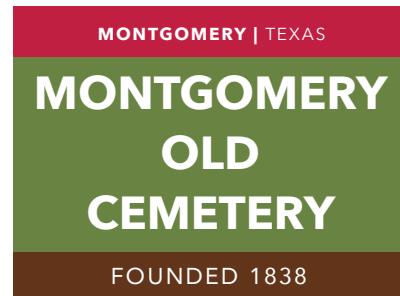
E.10

SPECIFICATIONS

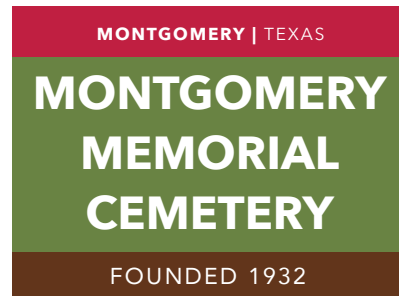
PARK.ID.1
PARK.ID.2



900
(Side A / Side B)



903
(Side A / Side B)



906
(Side A / Side B)

1 Graphic Layouts: PARK_ID.2
SCALE: 1" = 1'-0"



901 & 902
(Side A / Side B)



904 & 908
(Side A / Side B)



905
(Side A / Side B)



907
(Side A / Side B)

2 Graphic Layouts: PARK_ID.1
SCALE: 3/4" = 1'-0"

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CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

Graphic Layout

SHEET NO.

E.11

SPECIFICATIONS

RES.1



123



124



138



143

① Graphic Layouts: RES.1
SCALE: 1" = 1'-0"

NOTES:

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ENVIRONMENTS & EXPERIENCES

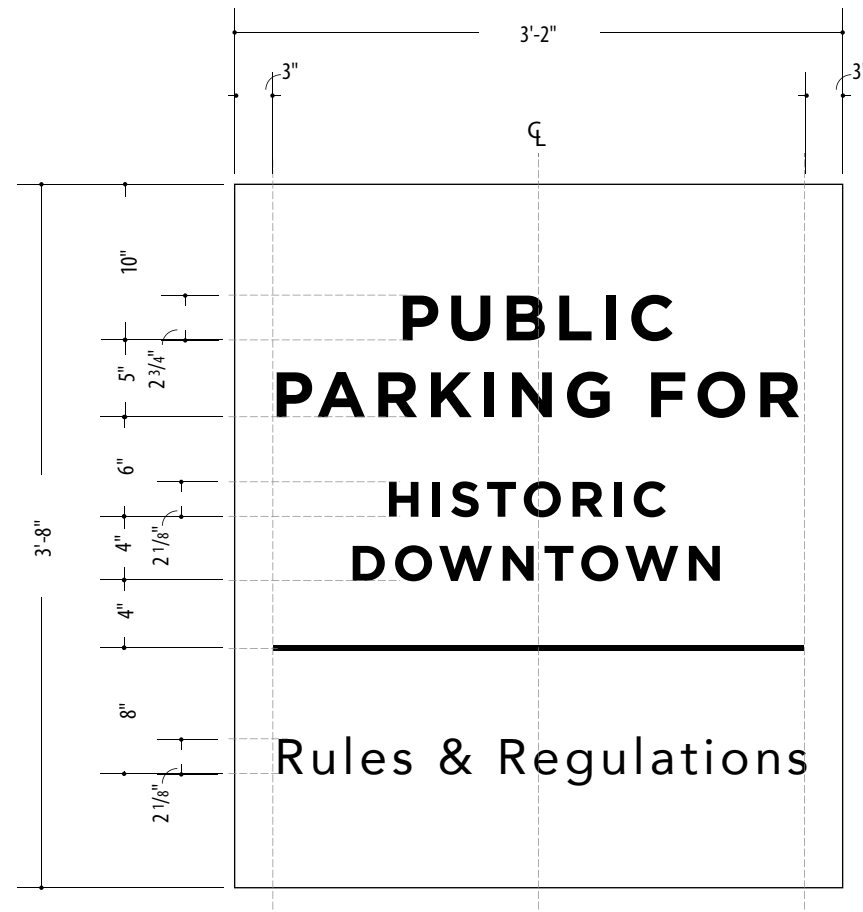
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	SHEET TITLE Graphic Layout
	SHEET NO. E.12
REVISIONS	

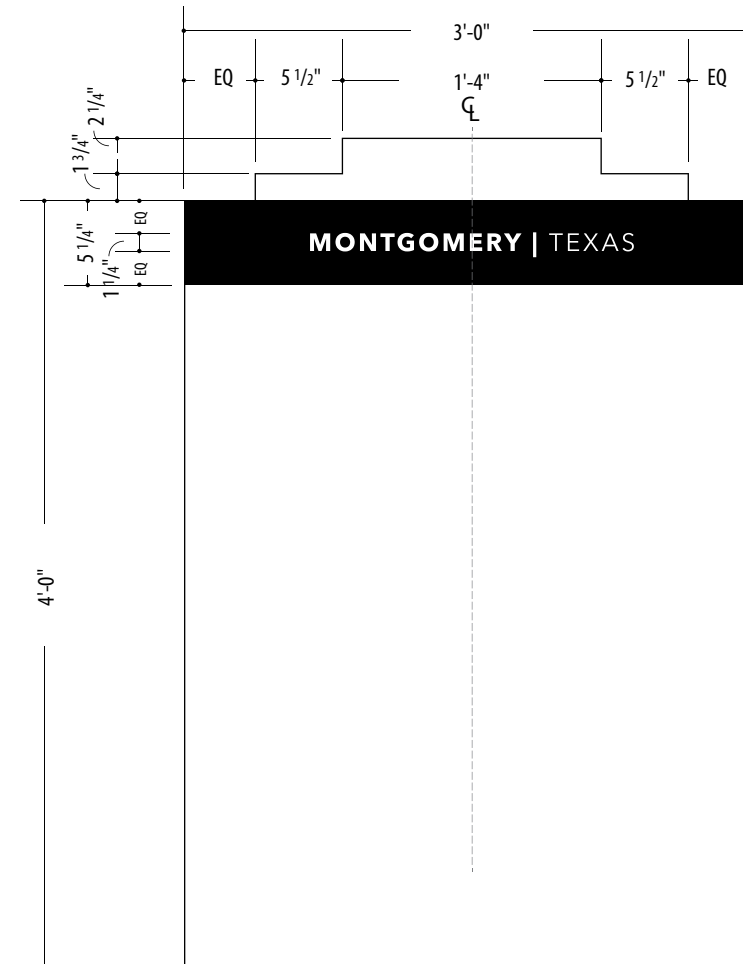
SPECIFICATIONS

**PARK.2
KIOSK.1**



Rule: 3/8" thk.

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



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

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CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

Graphic Layout

SHEET NO.

E.13



500, 510, 502,
503, 504
(Side A / B)

1 Graphic Layouts: PARK.2
SCALE: 1" = 1'-0"

SPECIFICATIONS

PARK.2

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PROJECT NO.

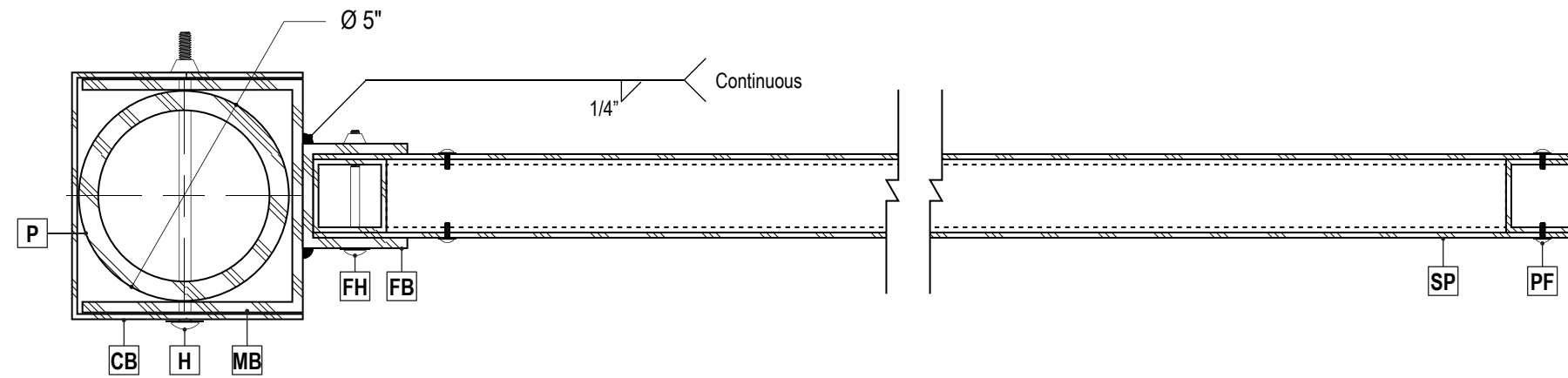
SHEET TITLE

Graphic Layout

SHEET NO.

E.14

F | Construction Details



1 Section Detail-Vehicular Directional
SCALE: 3" = 1'-0"

- SP** Sign Panel - 1/8" Thick Aluminum, Chemically + Mechanically Fastened to Flag Frame
- FB** Flag Bracket - 2 1/2" x 2 1/2" x 1/4" Thick Aluminum Channel - Weld to Mounting Bracket
- P** Post - 1/2" Thick Aluminum Extrusion
- MB** Mounting Bracket - 1/4" Thick Formed Aluminum Channel - Weld to Sign Panel
- CB** Cover Bracket - 1/8" Thick Aluminum Breakform
- H** Mounting Hardware - 1/2" Dia. S/S Bolt -Through Bracket Cover Angle(s) and Post
- PF** Panel Fasteners - Tamper-Resistant Button-Head Screw w/ Nylon Washer through Sign Panel
- FF** Flag Frame - 1 3/4" x 1 3/4" x 1/8" Thick Aluminum Tube Frame - Mitre-Cut + Welded
- FH** Flag Hardware - 1/4" Dia. S/S Bolt -Through Flag Bracket(s) and Flag Frame

SPECIFICATIONS

Construction Details

Sign Types:

- GATE.2**
- VDIR.1**
- VDIR.2**
- VDIR.3**
- VDIR.4**
- VDIR.5**
- VDIR.6**

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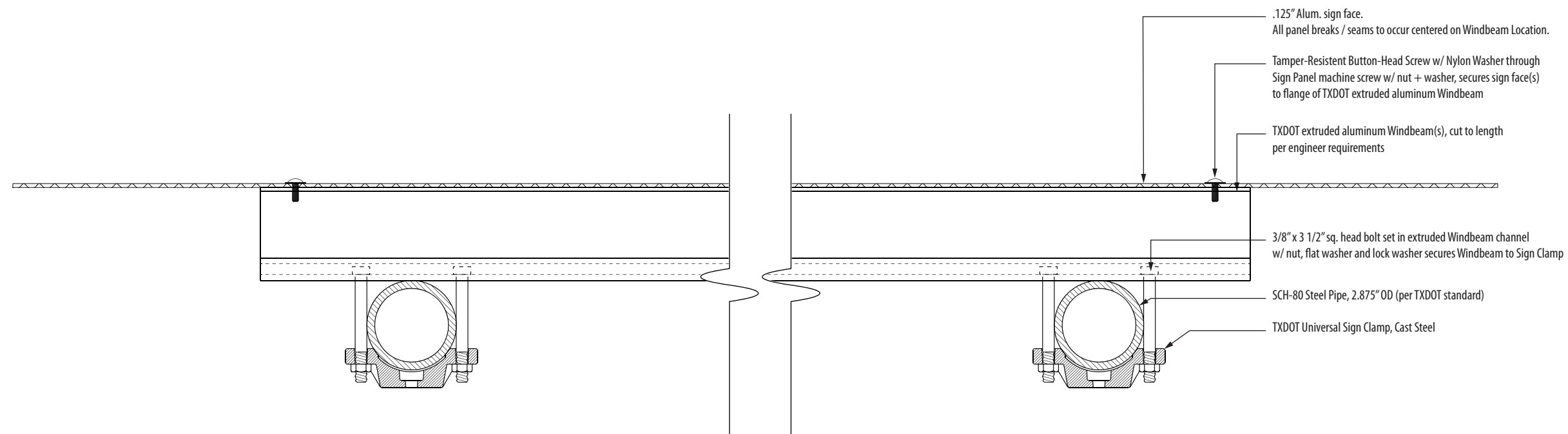
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REVISIONS	SHEET TITLE Construction Details Vehicular Directional
	SHEET NO. F.1

SPECIFICATIONS

Construction Details

Sign Types:
VDIR.3.TXDOT
VDIR.5.TXDOT
VDIR.6.TXDOT



NOTES:

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

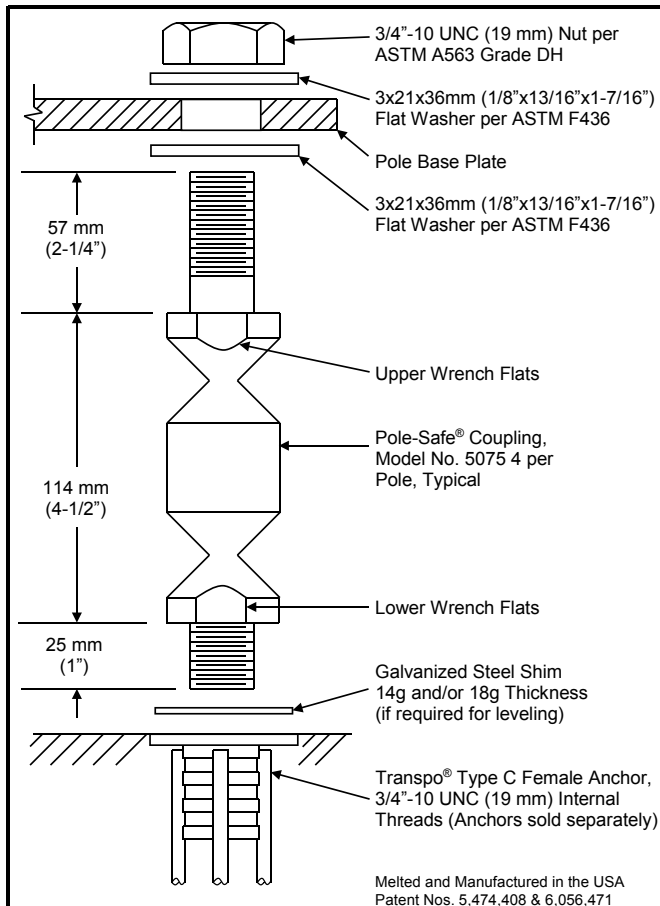
ENVIRONMENTS & EXPERIENCES

merJe

5 W. Gay Street
 West Chester, PA 19380
 T 484.266.0648
www.merjedesign.com

1 Section Detail - Typical - TXDOT (Double-Post)
 SCALE: 3" = 1'- 0"

DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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 TITLE Construction Details Vehicular Directional TXDOT
	SHEET NO. F.3
REVISIONS	



SPECIFICATIONS

Performance Criteria:

1. Pole-Safe® conforms to AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals."
2. 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."

Physical Properties per Coupling:

1. Ultimate Tensile Strength = 131.0 kN (29.4 kips), minimum.
2. Tensile Yield Strength = 113.6 kN (25.5 kips), minimum.
3. Ultimate Restrained Shear Strength = 8.9 kN (2.0 kips), minimum.
4. Ultimate Restrained Shear Strength = 13.3 kN (3.0 kips), maximum.

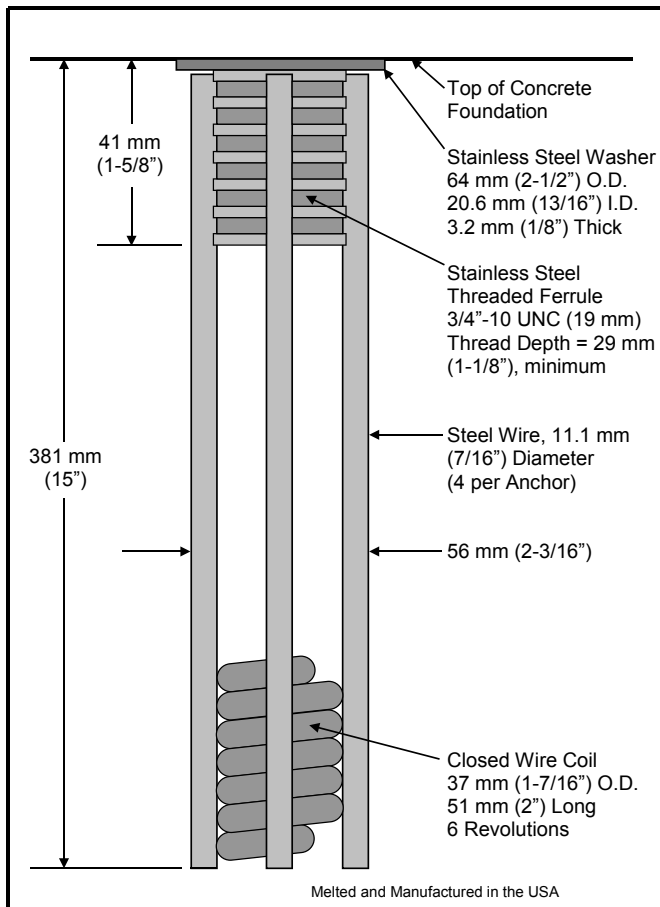
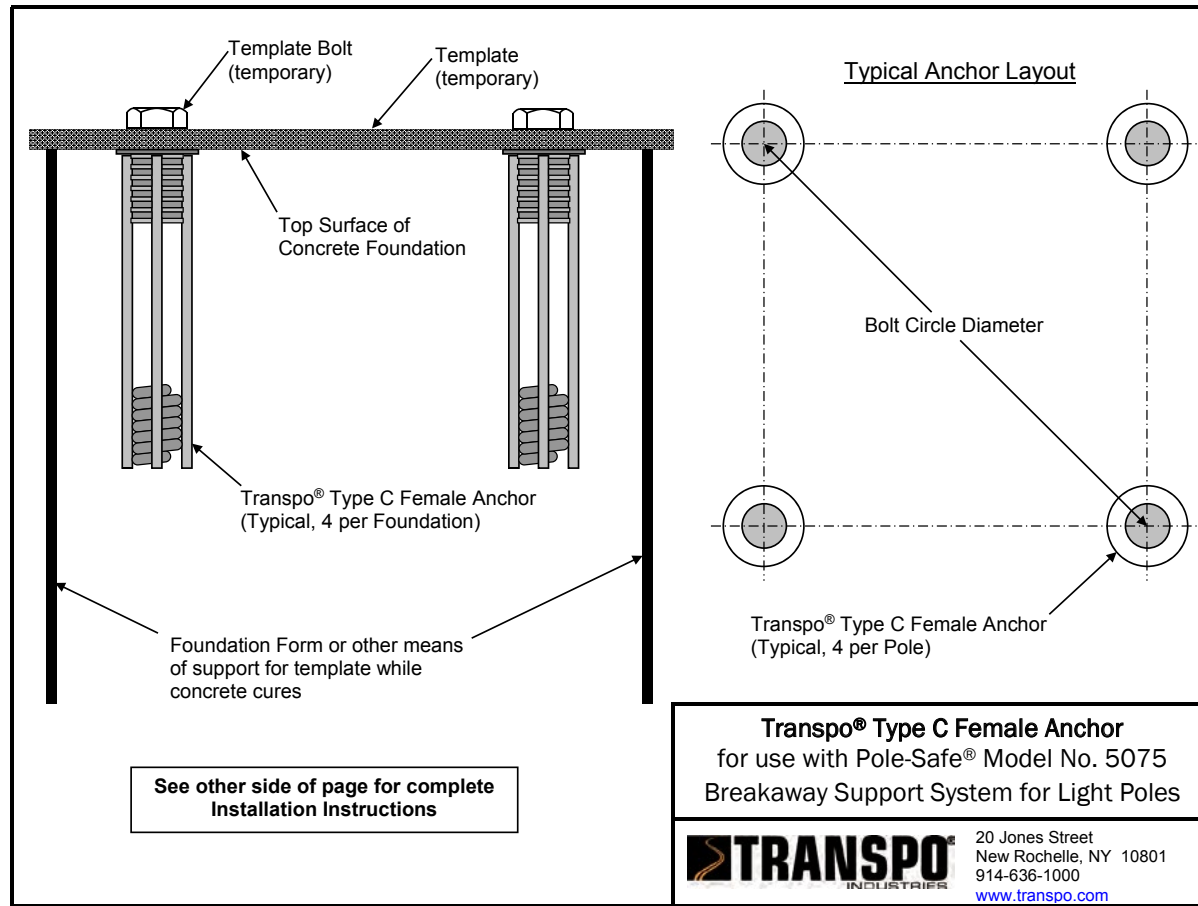
Corrosion Protection:

1. All 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. 5075
Breakaway Support System for Light Poles

TRANSPO INDUSTRIES 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



SPECIFICATIONS

Physical Properties:

1. Ultimate Tensile Load = 266.9 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) 19 mm (3/4") diameter holes located to match the specified bolt pattern of the pole base plate.
2. Attach four (4) Pole-Safe® Type C Female Anchors to template using four (4) 19 mm (3/4") 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 C Female Anchor
for use with Pole-Safe® Model No. 5075
Breakaway Support System for Light Poles

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New Rochelle, NY 10801
914-636-1000
www.transpo.com

Melted and Manufactured in the USA

SPECIFICATIONS

Construction Details

Sign Types:
GATE.2
VDIR.1
VDIR.2
VDIR.3
VDIR.4
VDIR.5
VDIR.6

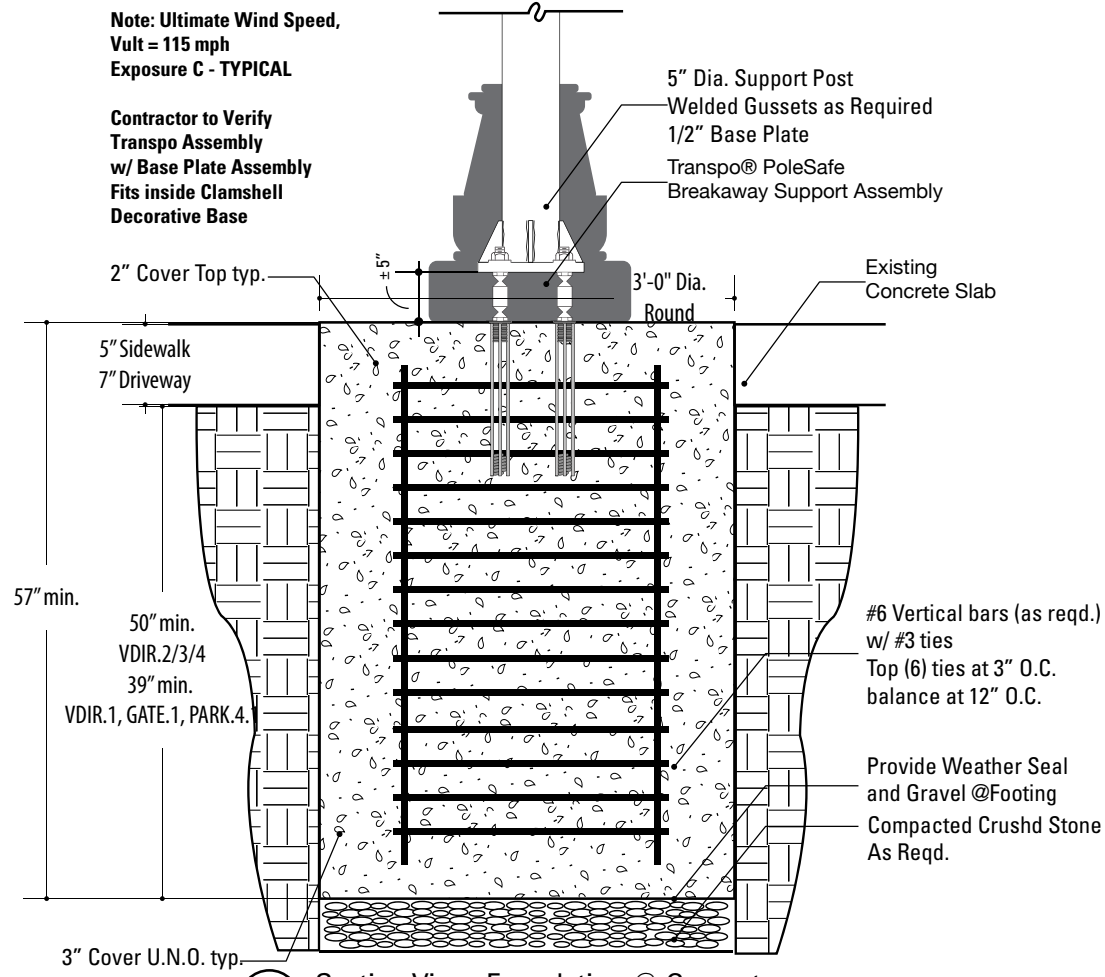
- NOTES:**
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ENVIRONMENTS & EXPERIENCES

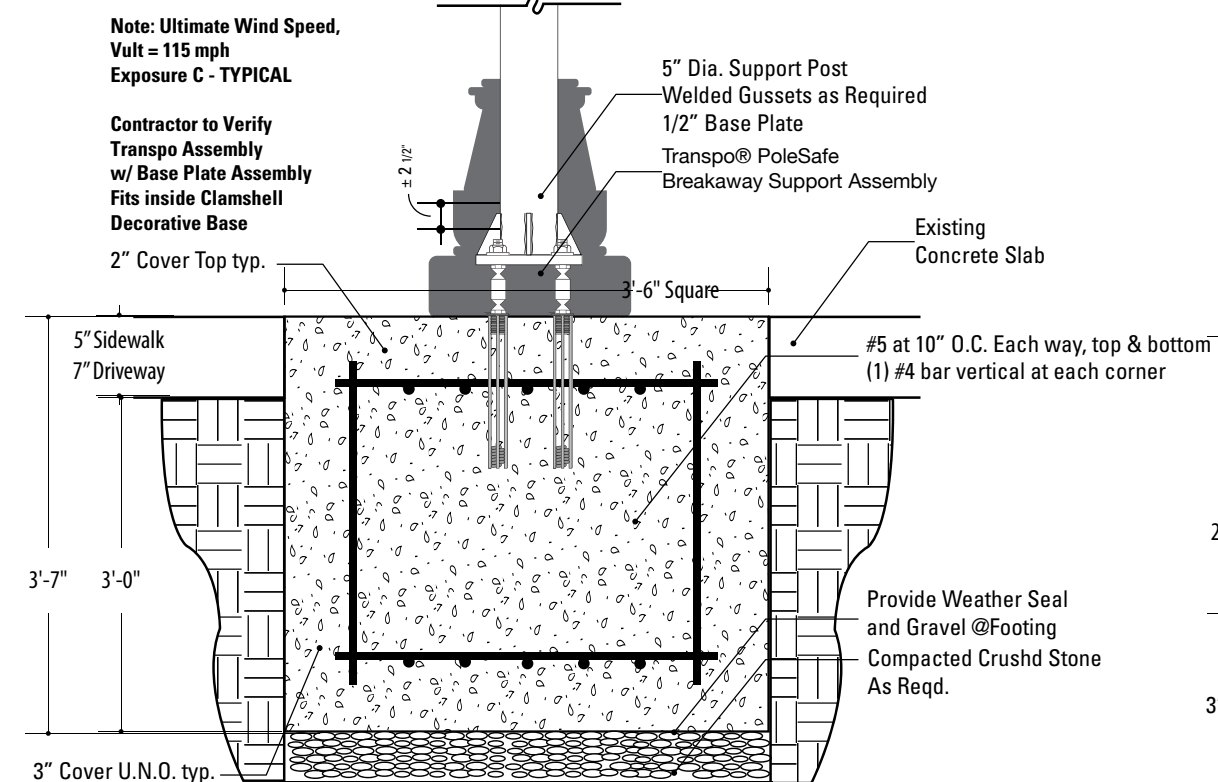
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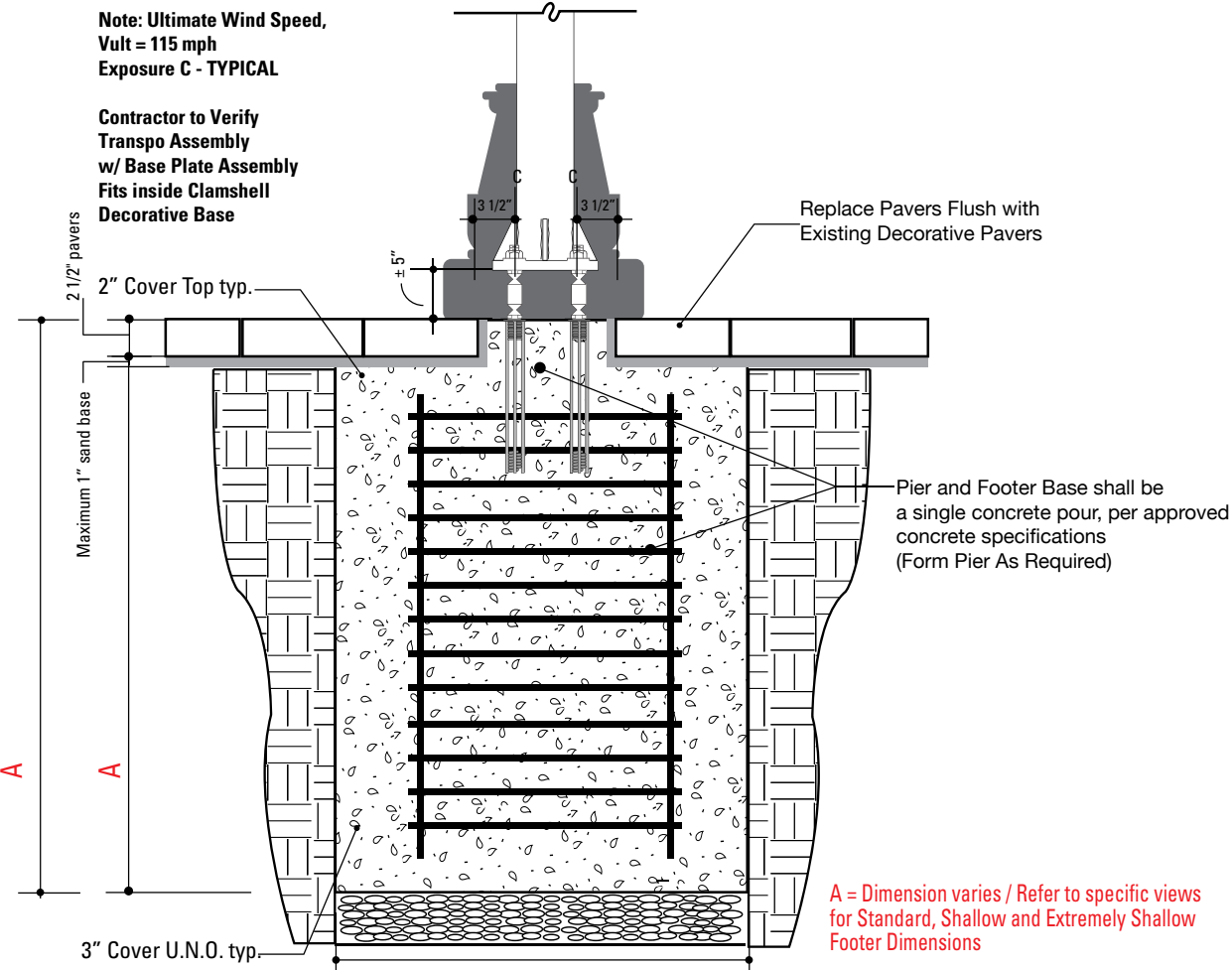
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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REVISIONS	SHEET NO.



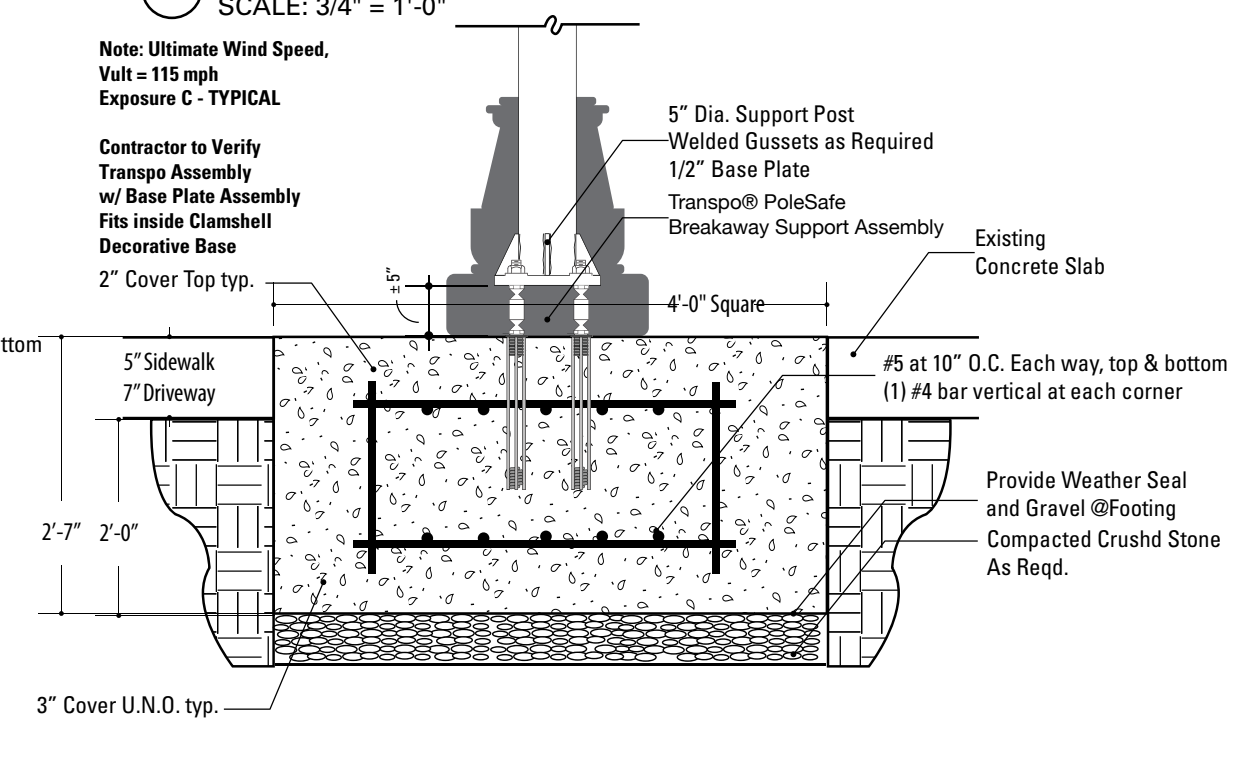
1 Section View: Foundation @ Concrete
SCALE: 3/4" = 1'-0"



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



2 Section View: Paver Replacement / Cement Collar Detail
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 local municipality Department of Public Works.

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

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

NOTE:

- 1) SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 POUNDS PER SQUARE FOOT. SOIL UNIT WEIGHT OF 125 PCF AND FRICTION ANGLE OF 30 DEGREES (ASSUMED).**
- 2) CONCRETE STRENGTH AT 28 DAYS F'C=4,000 PSI REINFORCEMENT SHALL BE ASTM 36 FY=60,000 PSI**
- 3) FOLLOW THE MOST RECENT PENNDOT 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) SOIL IS TO BE OF CONDITION 4 OR BETTER (SW, SP, SM, SC, GM & GC)**

NOTES:

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ENVIRONMENTS & EXPERIENCES

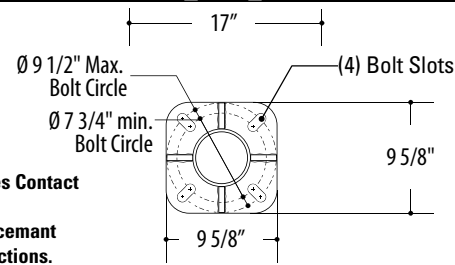
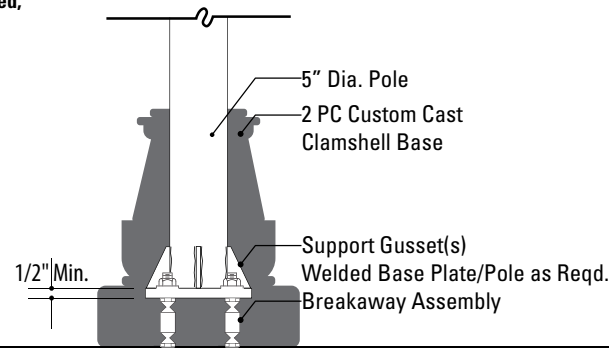
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REVISIONS		SHEET NO.	

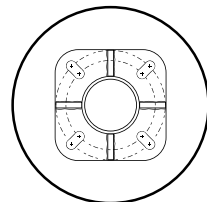
Note: Ultimate Wind Speed,
Vult = 115 mph
Exposure C - TYPICAL

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"



SPECIFICATIONS

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ENVIRONMENTS & EXPERIENCES

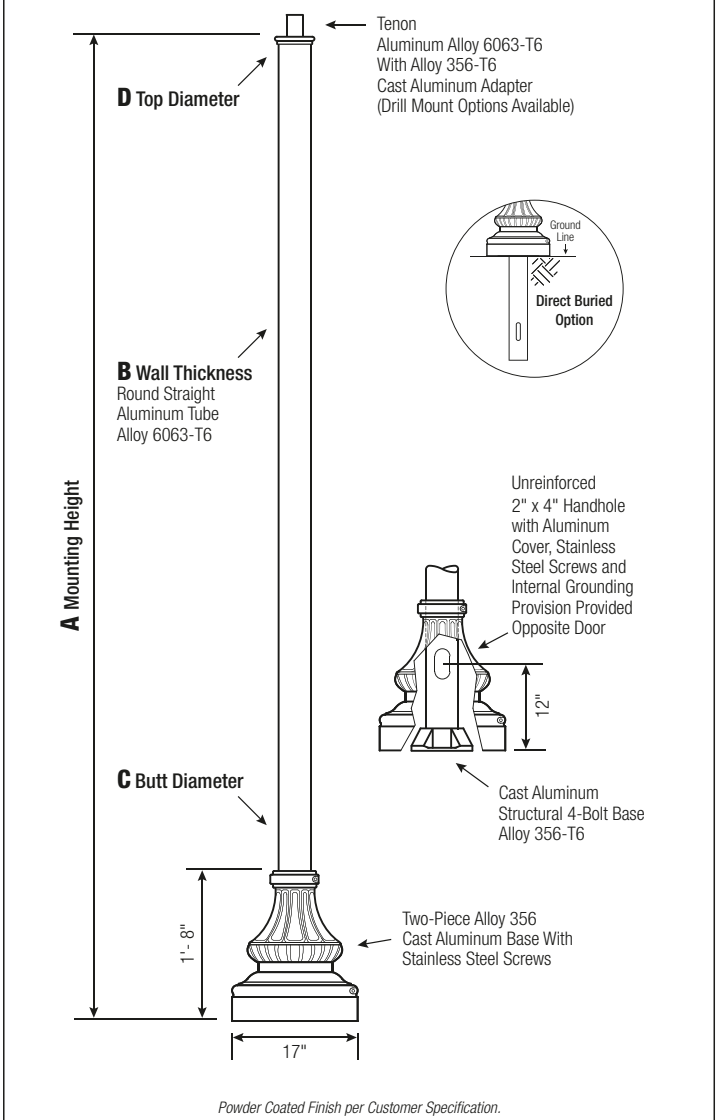
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DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
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REVISIONS	SHEET TITLE Transpo PoleSafe Baseplate Details
	SHEET NO.
	F.6

ARLEN 17

CLAMSHELL - STRAIGHT ROUND ALUMINUM POLE



C BUTT DIA.	D TOP DIA.	F BOLT CIR. DIA.	G BASE DIA.	H BOLT PROJ.	I BOLT SIZE
4	4	6.5 - 8	7.5	2	.75 x 17 x 3
5	5	7.5 - 8	7.5	2	.75 x 17 x 3

Dimensions in inches

WARNING: Do not install light pole without luminaire.

Clamshell Base

Cast Aluminum, 2-Piece Decorative Base of Alloy 356 per ASTM B26 or B108 with stainless steel attaching hardware.

Pole

The pole shaft will be constructed of seamless extruded tube of 6063 Aluminum Alloy per the requirements of ASTM B221. The 4-Bolt Cast Aluminum Base Flange will be of Alloy 356-T6. The pole shaft shall be joined to the base by means of a complete circumferential weld in accordance with AWS Specification D1.2. The shaft assembly shall be full-length heat treated after base weld to produce a T6 temper.

Anchorage

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain four (4) Hex Nuts, four (4) Lock Washers, and four (4) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided

NOTE: All ARLEN 17 pole options may be specified in designs utilizing Direct Buried anchorage.

Handhole

4"-5" Butt Diameters - 2" x 4" Handhole with curved Lap Style Aluminum Door and two (2) SS Self-Tapping Attaching Screws. A Grounding Provision incorporating a tapped 1/4"-20NC hole is provided.

Vibration Damper

When determined necessary by Hapco, a Vibration Damper will be factory-installed inside the pole shaft. Customer specification of the damper is available.



ARLEN 17

CLAMSHELL STRAIGHT ROUND ALUMINUM POLE

A MTE. HGT.	B WALL THICKNESS	C BUTT DIA.	TOTAL LUM. WEIGHT	MAXIMUM EPA						CATALOG NUMBER*
				90	100	110	120	130	140	
8	0.125	4	100	15.5	12.2	9.9	8.1	6.7	5.6	A7C08B4-4-SR-**
	0.125	5	100	25.6	20.5	16.5	13.6	11.4	9.8	A7C08B5-4-SR-**
10	0.125	4	100	11.4	8.9	7.0	5.6	4.6	3.7	A7C10B4-4-SR-**
	0.188	4	100	17.6	13.9	11.1	9.1	7.4	6.2	A7C10D4-4-SR-**
	0.125	5	100	19.3	15.4	12.1	9.9	8.3	7.1	A7C10B5-4-SR-**
12	0.188	5	100	29.3	23.5	18.9	15.6	13.1	11.2	A7C10D5-4-SR-**
	0.125	4	95	8.6	6.5	5.0	3.9	3.0	2.3	A7C12B4-4-SR-**
	0.188	4	100	13.6	10.6	8.4	6.7	5.4	4.4	A7C12D4-4-SR-**
14	0.125	5	100	15.0	11.8	9.1	7.3	6.1	5.1	A7C12B5-4-SR-**
	0.188	5	100	23.3	18.6	14.7	12.0	10.1	8.6	A7C12D5-4-SR-**
	0.125	4	70	6.6	4.9	3.6	2.6	1.9	1.3	A7C14B4-4-SR-**
16	0.188	4	100	10.6	8.1	6.3	4.9	3.8	2.9	A7C14D4-4-SR-**
	0.125	5	100	11.7	9.1	6.8	5.3	4.4	3.6	A7C14B5-4-SR-**
	0.188	5	100	18.8	14.9	11.6	9.3	7.8	6.6	A7C14D5-4-SR-**
18	0.125	4	60	5.0	3.5	2.4	1.5	1.0	-	A7C16B4-4-SR-**
	0.188	4	80	8.4	6.3	4.7	3.5	2.5	1.8	A7C16D4-4-SR-**
	0.125	5	100	9.1	7.0	4.9	3.6	2.9	2.4	A7C16B5-4-SR-**
20	0.188	5	100	15.3	12.0	9.0	7.1	5.9	4.9	A7C16D5-4-SR-**
	0.125	4	80	3.1	2.0	1.1	-	-	-	A7C18B4-4-SR-**
	0.188	4	65	6.5	4.6	3.3	2.2	1.5	0.9	A7C18D4-4-SR-**
25	0.125	5	70	7.1	5.3	3.4	2.3	1.8	1.5	A7C18B5-4-SR-**
	0.188	5	100	12.0	9.3	6.7	5.1	4.2	3.4	A7C18D5-4-SR-**
	0.125	4	40	2.3	1.2	-	-	-	-	A7C20B4-4-SR-**
30	0.188	4	70	4.6	3.1	1.9	1.1	-	-	A7C20D4-4-SR-**
	0.250	4	65	7.2	5.1	3.6	2.5	1.6	1.0	A7C20F4-4-SR-**
	0.125	5	55	5.3	3.8	2.1	1.3	0.9	0.6	A7C20B5-4-SR-**
30	0.188	5	90	9.5	7.2	4.9	3.6	2.8	2.2	A7C20D5-4-SR-**
	0.250	5	100	13.6	10.5	7.6	5.8	4.8	3.9	A7C20F5-4-SR-**
	0.188	4	55	1.4	-	-	-	-	-	A7C25D4-4-SR-**
30	0.250	4	90	2.6	1.3	-	-	-	-	A7C25F4-4-SR-**
	0.125	5	80	1.2	-	-	-	-	-	A7C25B5-4-SR-**
	0.188	5	50	5.0	3.5	1.6	0.7	-	-	A7C25D5-4-SR-**
30	0.250	5	65	7.9	5.8	3.5	2.2	1.6	1.3	A7C25F5-4-SR-**
	0.188	5	80	0.9	-	-	-	-	-	A7C30D5-4-SR-**
30	0.250	5	60	3.5	2.1	-	-	-	-	A7C30F5-4-SR-**

EPA Notes: Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2015 AASHTO LRFD (7th Edition) using a 50-year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

*4-Bolt Base Anchorage shown. For direct buried design replace -4 in catalog number with -E.

Catalog Number System



Catalog Number Example - A7C 18 B 4 - 4 - SR - BA

ARLEN 17 Clamshell Base, 18" Mounting Height, .125" Wall Thickness, 4" Butt Diameter, 4-Bolt Base, Straight Round Shaft, Black Powder Coat Finish

Wall Thickness	Butt Dia.	Anchorage
B = .125"	4 = 4"	4 = 4-Bolt Base
D = .188"	5 = 5"	E = Direct Buried
F = .250"		

Shaft Style

SR = Straight Round

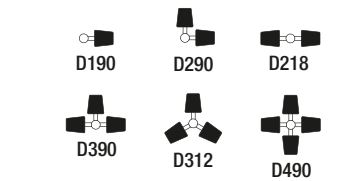
Powder Coat Finish	BA - Black Powder Coat	BV - Dark Green Powder Coat
BH - White Powder Coat	GC - Gray Powder Coat	SC - Special Colors*
BM - Dark Bronze Powder Coat		*ProvideRAL # or Sample Color Chip

Mounting Options

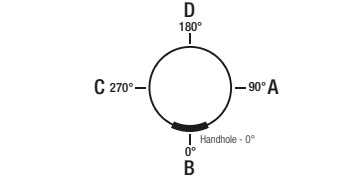
Tenon Mount
For Tenon Mount applications specify both Tenon diameter and length.

Side Drill Mount
Includes removable pole cap.
NOTE: A luminaire drilling template must be supplied at time of order.

Drill Mount Options



Pole Orientation



CATALOG NUMBER:	QUANTITY:
CUSTOMER NAME:	
PROJECT:	LOCATION:
NOTES:	

SPECIFICATIONS

Construction Details

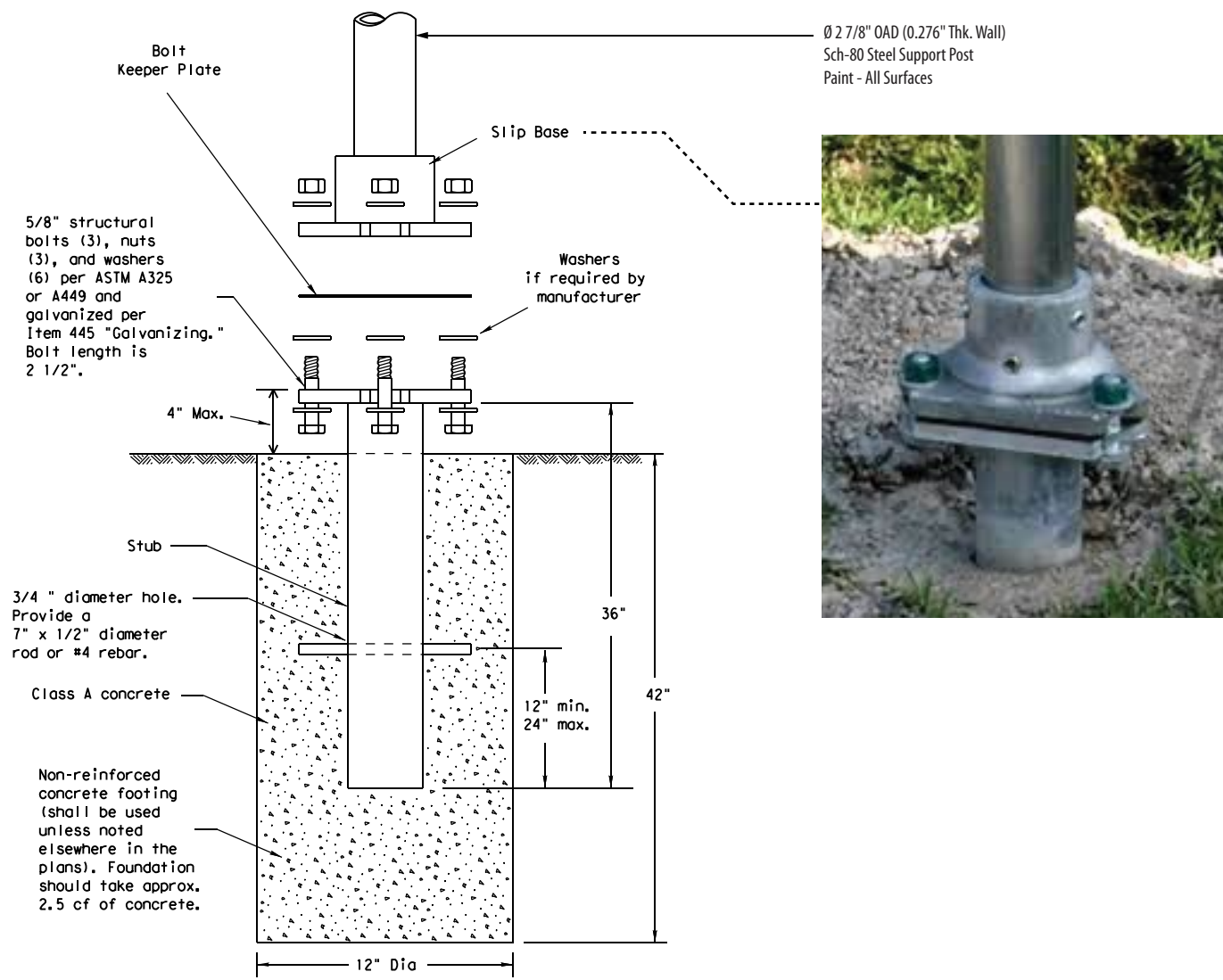
- Sign Types:**
GATE.2
VDIR.1
VDIR.2
VDIR.3
VDIR.4
VDIR.5
VDIR.6

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REVISIONS		SHEET NO.	F.7



1 Section Detail - Typical - TXDOT - Triangular Slip Base
SCALE: 1 1/2" = 1' - 0"

SPECIFICATIONS

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- NOTE:**
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 - 2) CONCRETE STRENGTH AT 28 DAYS F'C=4,000 PSI REINFORCEMENT SHALL BE ASTM 36 FY=60,000 PSI**
 - 3) FOLLOW THE MOST RECENT PENNDOT 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.**
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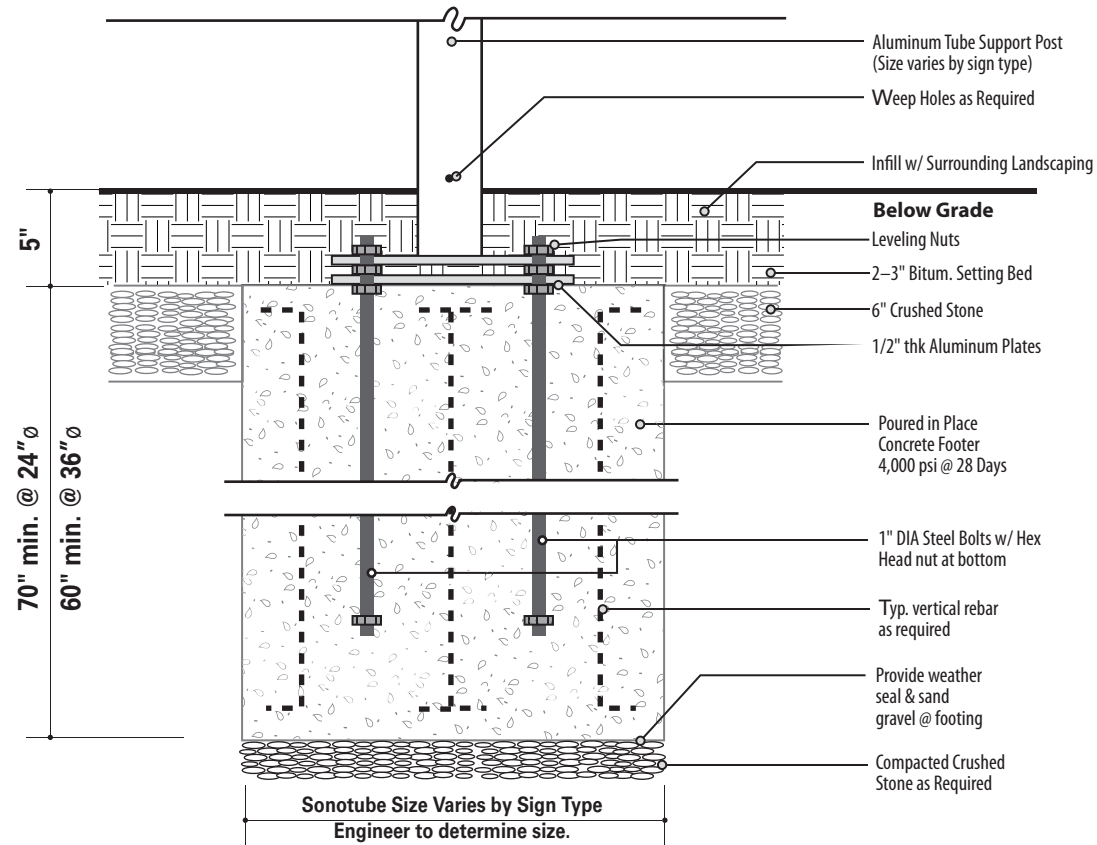
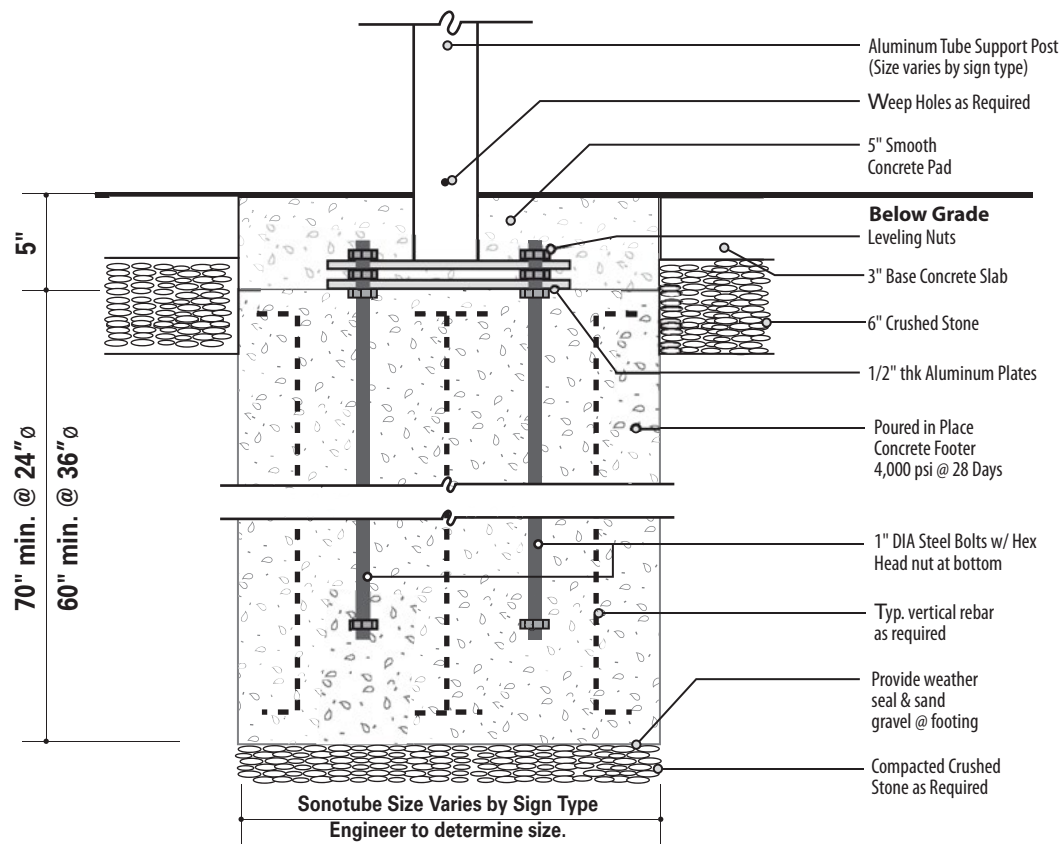
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 - All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
 - Hardware: All exposed hardware shall be tamper proof fasteners.
 - Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

ENVIRONMENTS & EXPERIENCES

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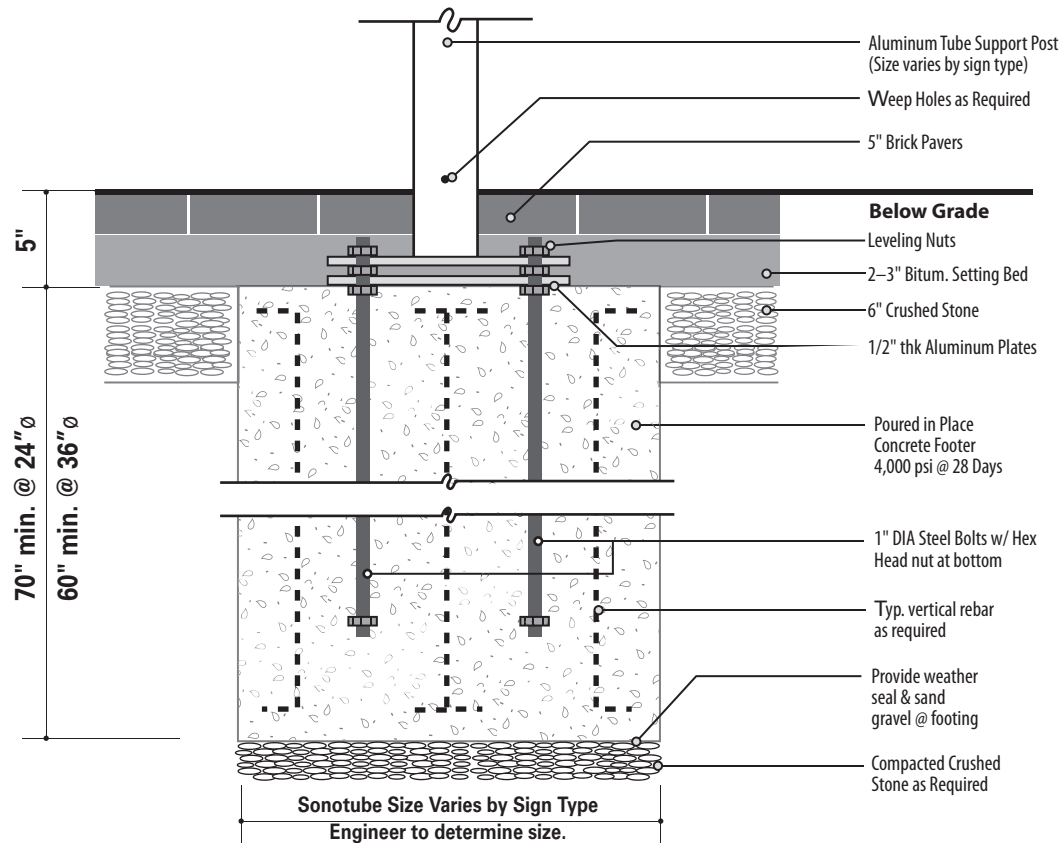
5 W. Gay Street
West Chester, PA 19380
T 484.266.0648
www.merjedesign.com

DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	
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REVISIONS	SHEET TITLE TXDOT Slip Base Construction Details
	SHEET NO.
	F.8



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

3 Section: Bolt w/ Nut Plate-to-Plate MOUNTING
Existing Landscape Surface
SCALE: 1" = 1' - 0"



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

***NOTE**
Results valid for Class 4 Soils and Stronger

SPECIFICATIONS

Construction Details

Sign Types:
PARK.ID.2

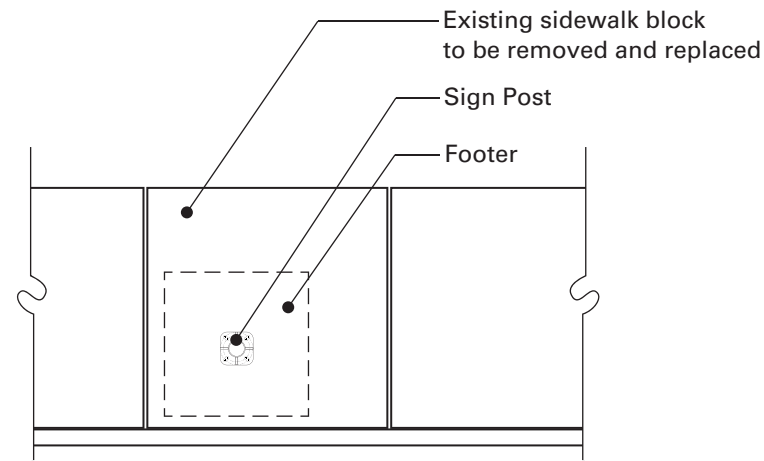
- NOTES:
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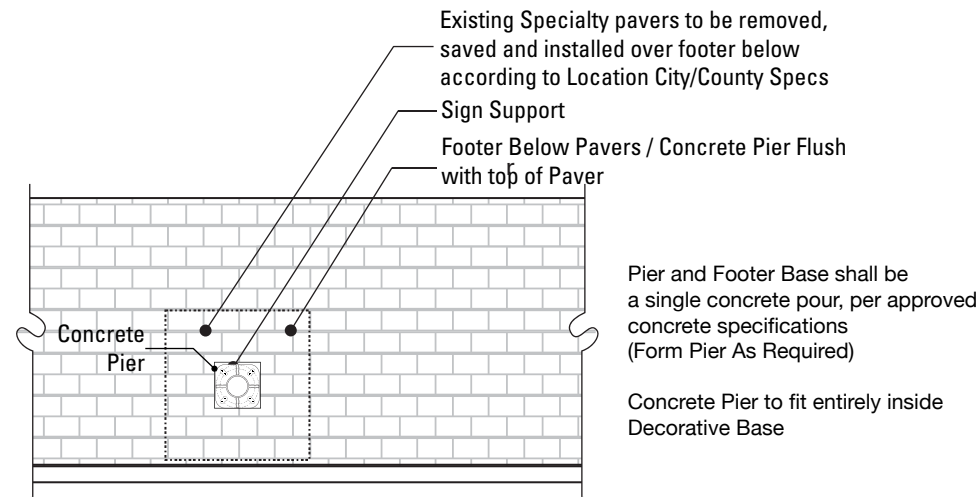
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	SHEET TITLE
REVISIONS	Section Details
	SHEET NO.
	F.9



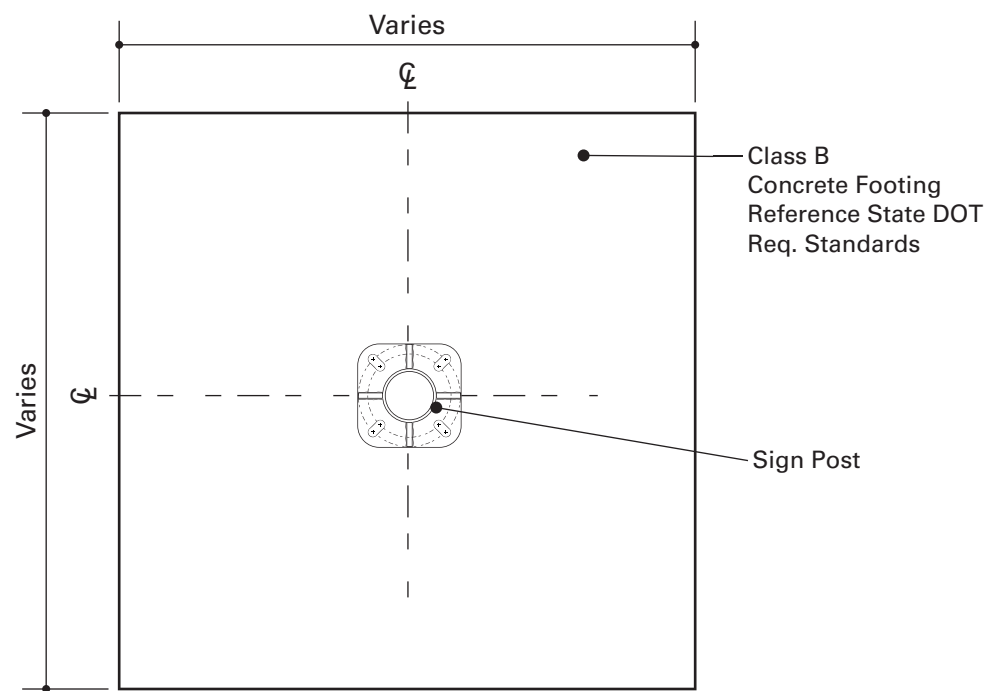
NOTE: When locating a footer within a single pavement block adjacent to at least 2 expansion joints, the entire block of pavement shall be removed and replaced with the same materials and finish of adjacent sidewalk areas.

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

SPECIFICATIONS

Sidewalk Footer Placement Details

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

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

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

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

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

NOTE:

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

NOTES:

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	SHEET NO. F.10
REVISIONS	

Fig. 1



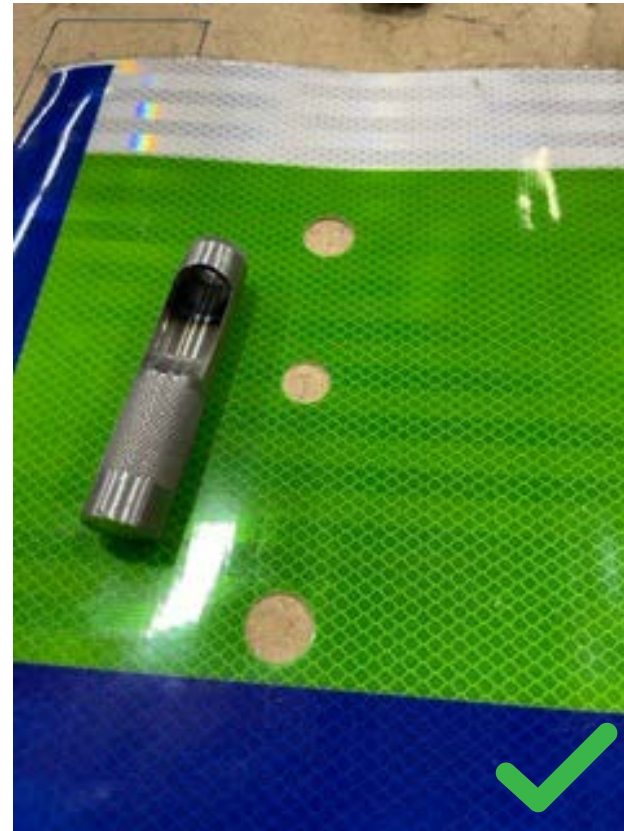
Fig. 2



Fig. 3



Fig. 4



SCREW THROUGH FACE / VINYL GUIDANCE

The reflective vinyl manufacturer recommends using at least 1, (preferably 2), nylon washers between the reflective vinyl surface and the mounting bolt head. (see **Fig. 1**). The 2 nylon washers should slip on each other as opposed to slipping on the surface of the sign, preventing it from cutting into the laminate.

Installing the hardware doesn't need to be aggressively tight and shall follow structural engineering requirements.

Caution: If the contractor / installer over-torques or provides too much force when installing the fastener, the laminate will not hold up to that treatment (see **Fig. 2 / Fig. 3**).

The vinyl manufacturer has stated, in regards to the warranty, it does not cover this type of damage (cracking, bubbling, peeling) caused by improper installation. The compromised laminate can allow moisture to penetrate and prematurely degrade the print. The extent of this will depend on the type of installation damage that occurred. There is no way to repair this damage after installation.

Additional Consideration: Punching a hole in the vinyl (see **Fig. 4**), may provide less vinyl for the washer/bolt to torque on, therefore reducing the possibility of damage.

Contractors Responsibility: The sign contractor shall always confirm the proper methods, sequencing and materials to be used for the installation with the vinyl manufacturer, to avoid voiding any warranties associated with the vinyl products. The sign contractor shall be responsible for replacing all vinyl sheeting damaged do to not following the manufacturers instructions.

SPECIFICATIONS

Construction Details

Sign Types:

- GATE.2
- VDIR.1
- VDIR.2
- VDIR.3
- VDIR.4
- VDIR.5
- VDIR.6
- VDIR.3.TXDOT
- VDIR.5.TXDOT
- VDIR.6.TXDOT
- PARK.ID.2

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SHEET NO.

CLIENT / PROJECT

Montgomery, TX
 Wayfinding Program

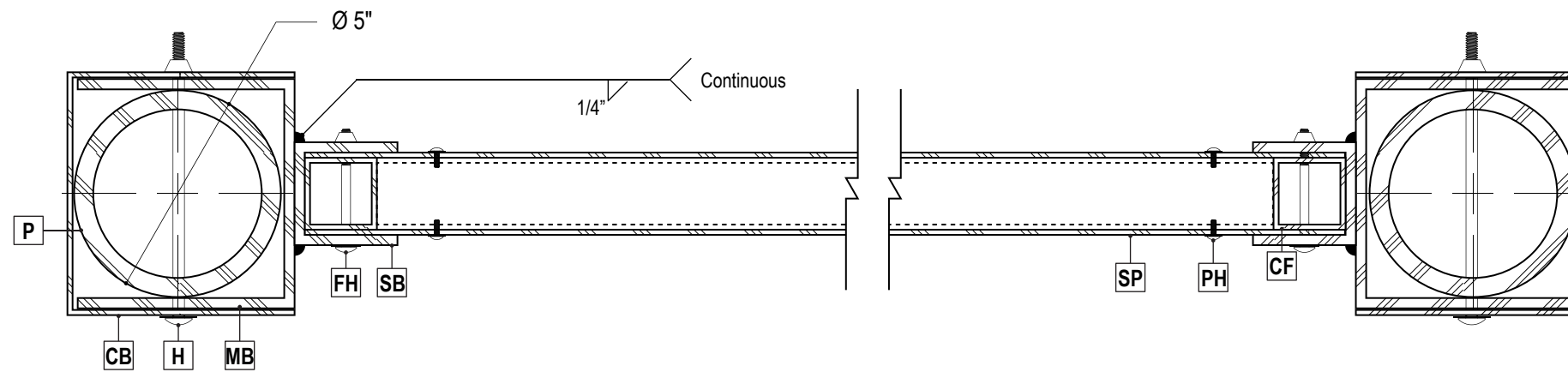
PROJECT NO.

SHEET TITLE

Sign Face Details

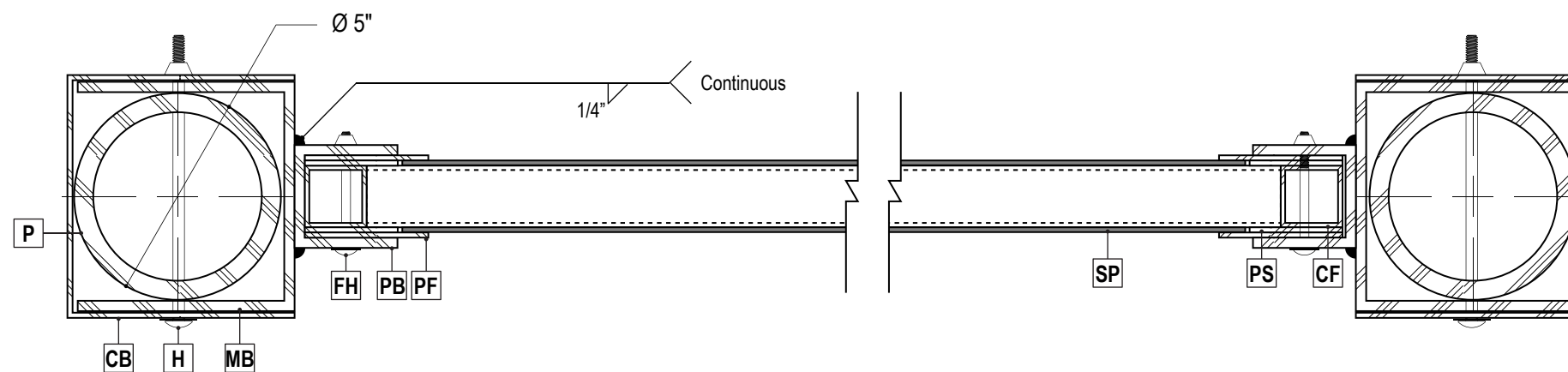
SHEET NO.

F.11



1 Section Detail- PARK
SCALE: 3" = 1'-0"

- SP** Sign Panel - 1/8" Thick Aluminum, Chemically + Mechanically Fastened to Flag Frame
- SB** Sign Bracket - 2 1/2" x 2 1/2" x 1/4" Thick Aluminum Channel - Weld to Mounting Bracket
- P** Post - 1/2" Thick Aluminum Extrusion
- MB** Mounting Bracket - 1/4" Thick Formed Aluminum Channel - Weld to Sign Panel
- CB** Cover Bracket - 1/8" Thick Aluminum Breakform
- H** Mounting Hardware - 1/2" Dia. S/S Bolt -Through Bracket Cover Angle(s) and Post
- PF** Panel Fasteners - Tamper-Resistant Button-Head Screw w/ Nylon Washer through Sign Panel
- CF** Central Frame - 1 3/4" x 1 3/4" x 1/8" Thick Aluminum Tube Frame - Mitre-Cut + Welded
- PH** Panel Hardware - 1/4" Dia. S/S Bolt -Through Flag Bracket(s) and Flag Frame



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

- SP** Sign Panel - 1/8" Thick PVC, Custom UV Digitally Printed + Top-Loaded to Panel Frame
- PB** Panel Bracket - 2 1/2" x 2 1/2" x 1/4" Thick Aluminum Channel - Weld to Mounting Bracket
- P** Post - 1/2" Thick Aluminum Extrusion
- MB** Mounting Bracket - 1/4" Thick Formed Aluminum Channel - Weld to Sign Panel
- CB** Cover Bracket - 1/8" Thick Aluminum Breakform
- H** Mounting Hardware - 1/2" Dia. S/S Bolt -Through Bracket Cover Angle(s) and Post
- PF** Panel Frame - 1/8" Thick Alum. w/ Window-Cut for Sign Panel, Chemically Fastened to Central Frame
- PS** Panel Spacer - 1/8" Thick Alum. at Left/Right/Bottom. Open at Top for Sign Panel insert
- CF** Central Frame - 1 1/2" x 1 1/2" x 1/8" Thick Aluminum Tube Frame - Mitre-Cut + Welded
- FH** Frame Hardware - 1/4" Dia. S/S Bolt -Through Mounting Bracket(s) and Central Frame

SPECIFICATIONS

Construction Details

Sign Types:
PARK.ID.1
KIOSK.1

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CLIENT / PROJECT

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PROJECT NO.

SHEET TITLE

Section Details

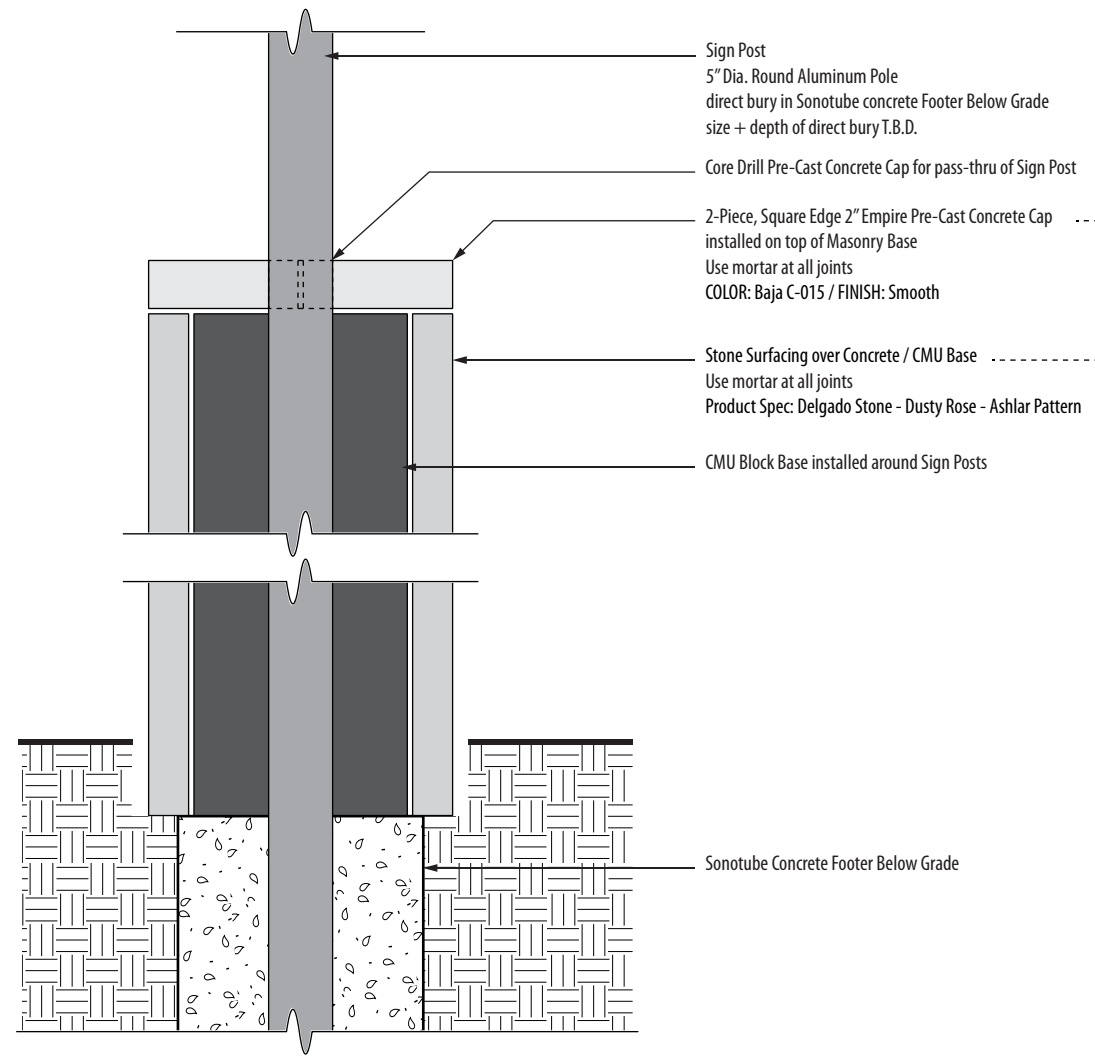
SHEET NO.

F.12

SPECIFICATIONS

Construction Details

Sign Types:
PARK.ID.1
KIOSK.1



Product / Finish Reference



1 Section Detail - Masonry Base
 SCALE: 1" = 1'- 0"

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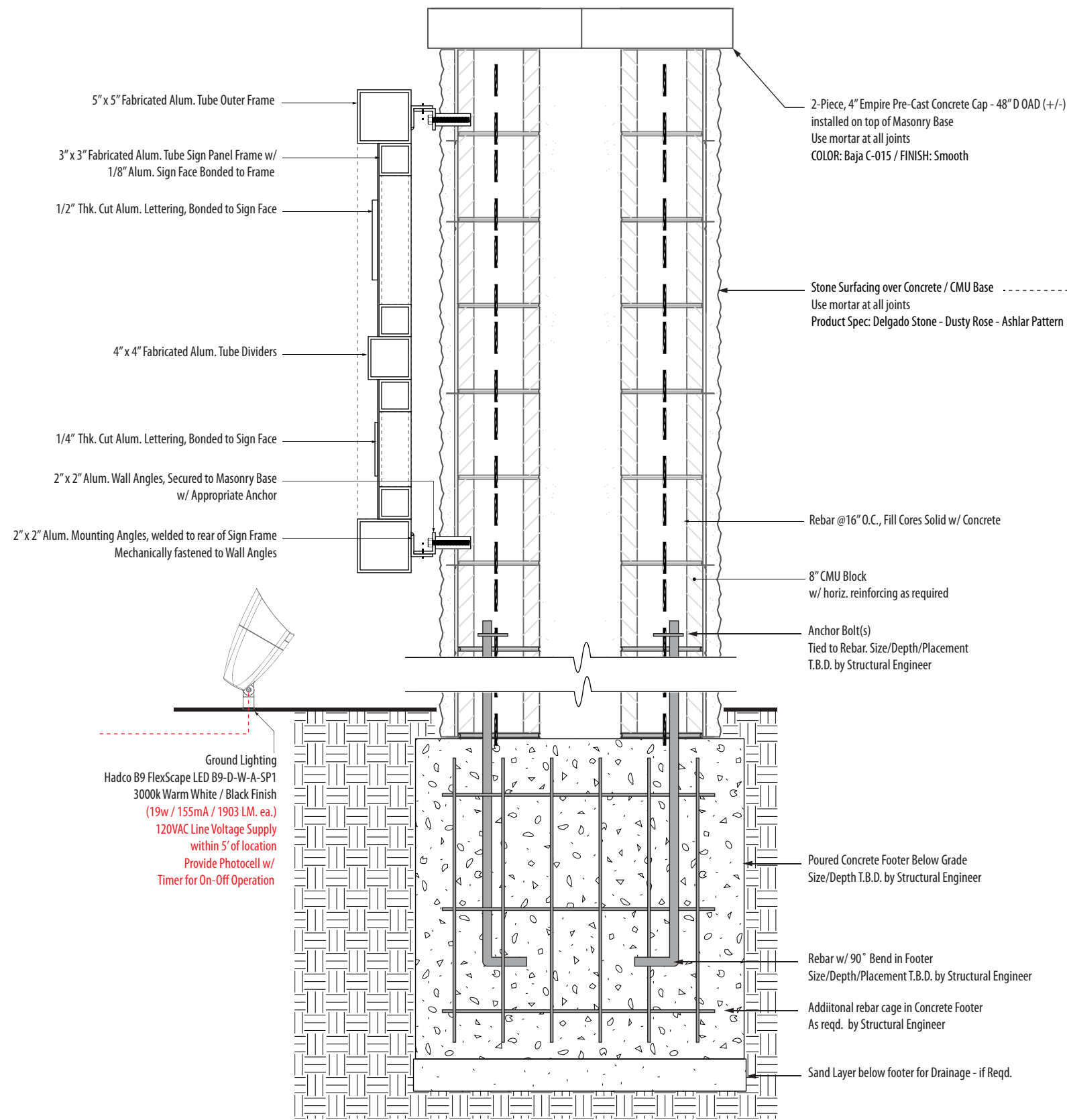
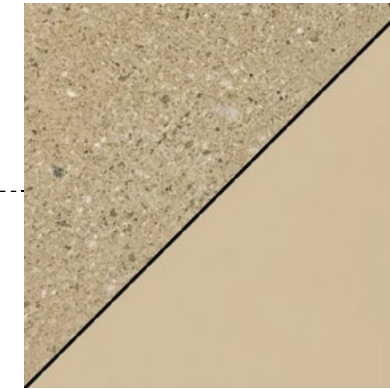
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
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	SHEET NO.
	F.13

SPECIFICATIONS

Construction Details

**Sign Types:
GATE.1**

Product / Finish Reference



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CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

Section Details

SHEET NO.

F.14

1 Section - Side View
SCALE: 1" = 1'-0"



Dusty Rose



A beautiful light grey granite with slight color variations. Hand split with a light to medium textured surface.

www.delgadostone.com / 17

Dusty Rose



Fieldstone Dark



Fitzwilliam Collection



Greenwich Blue



Harbor Mist



22

SPECIFICATIONS

Construction Details

Sign Types:
GATE.1
PARK.ID.1
KIOSK.1

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PROJECT NO.

SHEET TITLE

Product Details

REVISIONS

SHEET NO.

F.15



Hadco FlexScape B9 accent line-voltage landscape luminaire has interchangeable optics 20°, 36° and 65° by switching optic lenses. This adjustable luminaire also has the ability to switch between 5 preset light outputs.

Project: **Wayfinding Program**
Location: **Montgomery, TX**
Cat.No:
Type:
Lamps: Qty:
Notes:

Ordering guide

example: B9DWA

Series	Lamping	CCT	Finish	Surge suppressor
B9	D	W -	A	SP1
B9 Accent line-voltage luminaire	D LED	W Warm (3000K) C Cool (4000K)	A Black H Bronze	blank None SP1 120-277V, 10K

Features

- Housing/Construction: A360 die-cast aluminum, able to remove shroud from housing with 2 screws. Adjustable knuckle stem provides range of rotation, prevents fixture from pointing past vertical. Vibration locking teeth secured by black oxide stainless steel screw. Driver mounts directly to housing for thermal management. All gaskets are 100% molded silicone.
- Electrical: 34W (on high setting) Input voltage range (VAC): 120-277V. Pre-wired with 12" pigtail for ease of connection. Includes 0-10V Analog Class 2 wiring for dimming, capped off to help prevent cross wiring with line-voltage wires.
- LED Board: Single COB LED Array.
- Controls: Class 2 driver with AOC and 0-10V dimming. Design allows easy-access to integral switch with 5 preset light outputs, see lumen matrix. Remove lens cap with [2] screws and simply adjust the slider switch by hand.

- Optical Systems: Flat glass, soda lime tempered clear glass, c-channel gasket slips onto lens without tools or RTV. Fixture pre-installed with medium flood (36°) optical lens. Interchangeable optical lenses clip onto main reflector. Both narrow flood (20°) and wide flood (65°) optical lenses are shipped with each fixture. Components are made of injection molded polycarbonate (PC).
- Mounting: 1/2"-14 NPSM male threads to screw onto mounting stake, or other mounting accessory, sold separately.

Finish

Thermoset polyester powder coat is electrostatically applied after a five-stage conversion cleaning process and bonded by heat fusion thermosetting.

Lamps

Integral LED module

Options

Optional integral surge protection device provides single phase protection for line/neutral, line/ground, and neutral/ground in accordance with IEEE C62.41 2002C High.

IP66 Rating

Dust tight and sealed against direct jets of water.

Labels

ETL Listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. Manufactured to ISO 9001:2008 Standards. 5-year limited warranty.

Lumen matrix

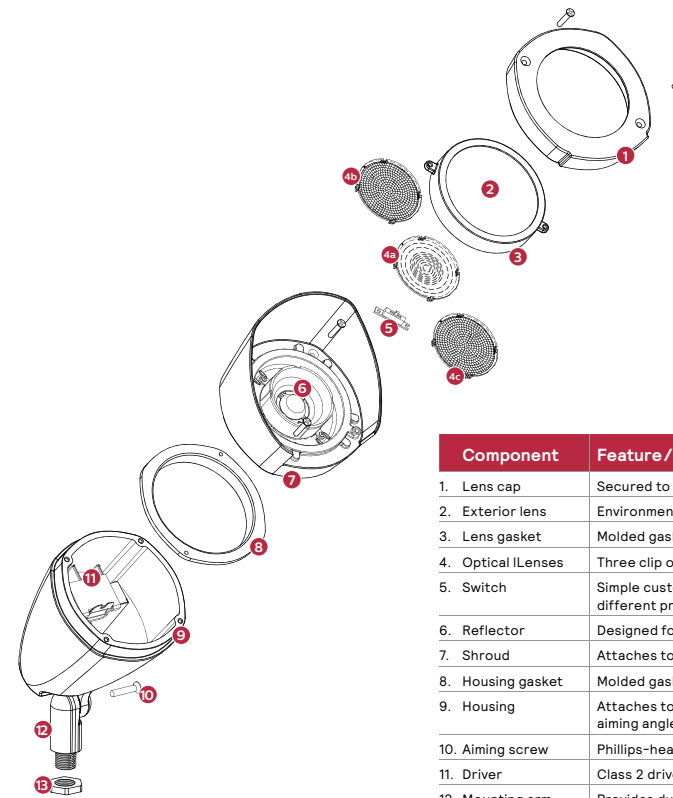
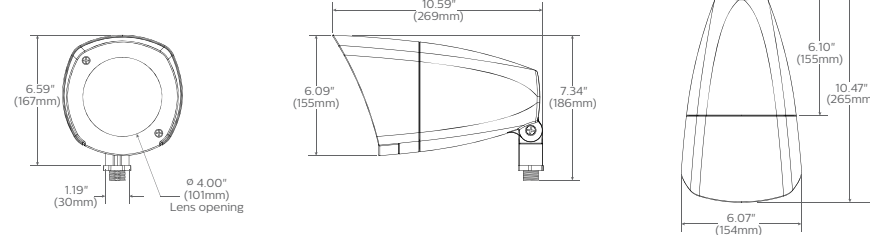
Wattage	Amps		3000K			4000K		
	120V	277V	Narrow	Medium	Wide	Narrow	Medium	Wide
10W	80mA	50mA	995	982	932	1102	1097	1023
13W	110mA	55mA	1427	1409	1337	1580	1573	1467
19W	155mA	75mA	2031	2006	1903	2249	2240	2089
27W	225mA	100mA	2797	2762	2621	3097	3087	2874
33W	275mA	120mA	3271	3230	3065	3622	3598	3372

Wattage to be installed



B9 FlexScape LED
Landscape line-voltage accent

Dimensions



Component	Feature/Function
1. Lens cap	Secured to shroud with two phillips screws.
2. Exterior lens	Environmental barrier (sealing).
3. Lens gasket	Molded gasket slips onto lens without tools or RTV.
4. Optical ILenses	Three clip on lenses 4a - NFLD, 4b - MFLD, 4c -WFLD
5. Switch	Simple customer access for dimming. Slides to 5 different preset light levels.
6. Reflector	Designed for COB LEDs, provides UV protection.
7. Shroud	Attaches to housing with two screws.
8. Housing gasket	Molded gasket provides seal for driver housing.
9. Housing	Attaches to stem with screw, teeth to lock aiming angle.
10. Aiming screw	Phillips-head screw, loosen slightly to adjust aiming.
11. Driver	Class 2 driver with 0-10v dimming. Field replaceable.
12. Mounting arm	Provides durable mounting for luminaire, teeth to lock aiming angle.
13. Locking nut	Metal nut allows orientation of accent to be locked.

SPECIFICATIONS

Construction Details

Sign Types:
GATE.1

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SHEET TITLE

Product Details

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SHEET NO.

F.16

SECTION 3 | Technical Specifications