



Notice of Montgomery Economic Development Corporation

Regular Meeting

July 31, 2024 at 5:00 PM

NOTICE IS HEREBY GIVEN that a Meeting of the Montgomery Economic Development Corporation will be held on **Wednesday, July 31, 2024, at 5:00 PM** at the City of Montgomery City Hall, 101 Old Plantersville Road, Montgomery, Texas.

THIS MEETING WAS POSTED PURSUANT TO THE TEXAS OPEN MEETING ACT
V.T.C.A. GOVERNMENT CODE CHAPTER 551.

Members of the public may view the meeting live on the City's website www.montgomerytexas.gov under Agenda/Minutes and then select **Live Stream Page (located at the top of the page)**. The Meeting Agenda Pack will be posted online at www.montgomerytexas.gov. The meeting will be recorded and uploaded to the City's website.

CALL TO ORDER

REGULAR AGENDA

All items on the Regular Agenda are for discussion and/or action.

1. Discuss MEDC Capital Project Priorities and Project Initiation Process.
2. Review and Discuss the Draft FY25 MEDC Budget.
3. Review and discussion of Wayfinding Project documents.

BOARD INQUIRY

Pursuant to Texas Government Code Section 551.042, MEDC members may inquire about a subject not specifically listed on this Agenda. Responses are limited to the recitation of existing policy or a statement of specific factual information given in response to the inquiry. Any deliberation or decision shall be limited to a proposal to place on the agenda of a future meeting.

ADJOURNMENT

I, James Greene, City Secretary, the Undersigned Authority, do hereby certify that this notice of meeting was posted on the website and bulletin board at City Hall of the City of Montgomery, Texas, a place convenient and readily accessible to the general public at all times. This notice was posted at said locations on the following date and time: **JULY 26, 2024 at 5:00 p.m.** and remained so posted continuously for at least 72 hours preceding the scheduled time of said meeting.

/s/ James Greene

City Secretary

This facility is wheelchair accessible and accessible parking spaces are available. Please contact the City Secretary's office at 936-597-6434 for further information or for special accommodation.

Fund: 400 - MEDC	2021-2022 Total Budget	2021-2022 Total Activity	2022-2023 Total Budget	2022-2023 Total Activity	2023-2024 Total Budget	2023-2024 YTD Activity AS OF 3/31/24	2024-2025 Department Request	Notes, Comments, Budget Details
Revenue								
Sales Tax Revenue	1,000,000	1,182,904	1,200,749	1,228,543	1,100,000	690,072		
Interest Income	4,000	9,259	1,500	86,320	60,000	52,966		
Miscellaneous Income	250	-	-	-	-	-		
Events Revenue	-	16,796	8,500	6,752	7,000	3,390		
TOTAL REVENUE	1,004,250	1,208,958	1,210,749	1,321,615	1,167,000	746,427	-	
Expense								
Downtown Dev. Imp.	172,250	-	280,249	39,956	90,000	-		
Utility Extensions	50,000	-	50,000	-	50,000	-		
Transfer to Capital Proj	160,000	160,000	200,000	200,000	200,000	100,000		
Streets & Sidewalks	40,000	40,000	40,000	-	40,000	-		
Sales Tax Reimb	250,000	162,767	250,000	153,708	250,000	-		
Econ Dev Grant Prog	20,000	9,000	20,000	-	20,000	-		
Dntwn & Cor. Fac & Env Enh.	-	-	50,000	-	50,000	-		
Invest Incentives Growth	-	-	20,000	-	-	-		
Removal of Blight	15,000	-	15,000	175	-	-		moved to consulting/profession al serv
Quality of Life - Events	40,000	2,559	40,000	13,216	113,200	41,757	71,000	All events
Neighborhood Water Party	2,500	2,598	3,000	2,635	-	-	3500	
Light up Montgomery	4,000	2,849	4,000	3,599	-	-	4500	
Mudbugs and Music	-	8,300	8,000	8,000	-	-	0	
Christmas Parade	10,000	6,826	10,000	10,245	-	-	14000	
Contests / Prizes	4,000	31	1,000	-	-	-	3000	
Equipment	10,000	6,470	10,000	384	-	-	2000	
Montgomery Quilt Walk	10,000	2,519	7,000	5,327	-	-	6000	
Montgomery Antiques Festival	10,000	11,616	12,000	-	-	-	0	
Movie Night	2,500	2,686	3,000	2,904	-	-	4500	

Fund: 400 - MEDC	2021-2022 Total Budget	2021-2022 Total Activity	2022-2023 Total Budget	2022-2023 Total Activity	2023-2024 Total Budget	2023-2024 YTD Activity AS OF 3/31/24	2024-2025 Department Request	Notes, Comments, Budget Details
Revenue								
Pet Parade	5,000	1,344	5,000	-	-	-	0	
Montgomery Fall Festival	-	8,000	8,000	8,000	-	-	0	
Snow in Historic Mont TX	20,000	14,368	20,000	13,223	-	-	24000	All individual events are included in the \$71K total; individual line items are for internal budgeting.
Lonestar Flag Fest	10,000	2,923	5,000	1,000	-	-	4000	
Downtown Enhancement Proj	30,000	-	30,000	-	-	-	0	
Fall Heritage Festival	10,000	-	-	-	-	-	0	
Trick or Treat Historic Mont.	5,000	1,441	5,000	4,898	-	-	5000	
Ruck for Veterans	-	-	500	500	-	-	500	
Brochures / Printed Lit	4,000	2,783	4,000	980	4,000	30		
Website	6,500	1,038	6,500	1,223	6,500	1,056		
Social Media Advertising	3,000	777	3,000	1,380	3,000	291		
Historical Signage	5,000	1,550	5,000	-	5,000	-		
Transfers to General Fund	55,000	55,000	55,000	55,000	275,000	137,500		
Miscellaneous Expenses	500	187	500	195	500	580		
Consulting/Professional Serv	40,000	42,221	-	-	51,800	8,400		
Travel & Trainings Expenses	10,000	2,410	5,000	3,985	8,000	(410)		
Legal Notices	-	304	-	-	-	-		
Trf to Gen Parks & Rec Salary	-	-	35,000	34,008	-	-		
TOTAL EXPENSES	1,004,250	552,568	1,210,749	564,540	1,167,000	289,204	-	

Montgomery MEDC AGENDA REPORT

Meeting Date: June 27, 2024	Budgeted Amount: \$0
Department: N/A	Prepared By: Dave McCorquodale

Subject

Review and discussion of Wayfinding Project documents.

Recommendation

No formal action needed. Provide feedback to staff as appropriate.

Discussion

The MEDC began a city-wide wayfinding project with Merje Design in late 2022/early 2023. The project consultants have submitted a 75%-complete project drawing set for review. Staff has reviewed and provided several small formatting comments to the design team that are immaterial to the project design.

One substantive comment by staff to the consultant is to select a different stone for the signs with stone veneer elements. Currently specified is a pink granite native to the northeast. The MEDC and City Council expressed a desire for the stone to be a Texas limestone in previous meetings with the consultant. Staff offers no additional comments. MEDC Directors can review and provide additional comments to staff at the meeting.

The consultant will not be in attendance at the meeting. After all comments are provided to the consultant, they will finish the project and submit final design documents to the city for review and approval.

Approved By

Director of Planning & Development	Dave McCorquodale	Date: 6/13/2024

Montgomery, TX

Wayfinding Program

DESIGN INTENT DRAWINGS - DRAFT
April 26, 2024



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

Section 1 – SIGN SYSTEM STANDARDS

A. Graphic Standards
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 Project Artwork..... A.5
 Color Chart A.6

B. Placement Guidelines
 Vehicular Signage..... B.1
 Lateral Clearance..... B.2

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C. Menu of Sign Types
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D. Design Intent Drawings
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 GATE.2 D.2
 VDIR.1..... D.3
 VDIR.2 D.4
 VDIR.3 D.5
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 VDIR.5 D.7
 VDIR.6 D.8
 VDIR.3 TXDOT..... D.9
 VDIR.5 TXDOT..... D.10
 VDIR.6 TXDOT..... D.11
 RES.1 D.12
 PARK.ID.1 D.13
 PARK.2 D.14
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E. Graphic Layouts

F. Construction Details
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 TRANSPO PoleSafe Details..... F.4
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 Product Details..... F.16

Section 3 – TECHNICAL SPECS (Appendix)

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SECTION 1 | Sign System Standards

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

ENVIRONMENTS & EXPERIENCES

merJe

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

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SUBCONSULTANT

DATE

4/26/24

DRAWN BY:

KRD

REVISIONS

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

Typography Specifications

SHEET NO.

A.1

9

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

✕

This apostrophe is INCORRECT.

PARK'S

NOTES

ENVIRONMENTS & EXPERIENCES

merJe

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SHEET TITLE

Typography Specifications

SHEET NO.

A.2

10

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

acceptable

Downtown

NOT acceptable

Downtown

NOT acceptable

123A

acceptable

123A

NOT acceptable

1 2 3 A

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

NOTES

ENVIRONMENTS & EXPERIENCES

merJe

5 W. Gay Street
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SHEET TITLE

Typography Specifications

SHEET NO.

A.3

11

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

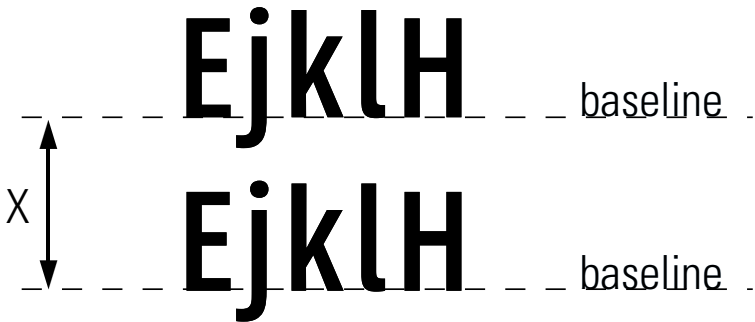
COPY HEIGHT

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”)



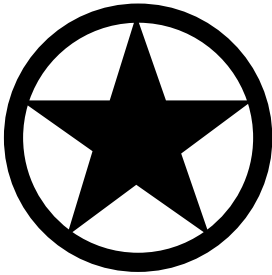
Individual spacing of each letter needs to be evaluated. All copy shall be kerned so that each character is optically centered between the center of each of the surrounding characters.

NOTES

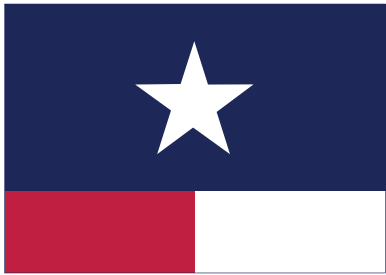
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
merJe		Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		
SUBCONSULTANT		PROJECT NO.
DATE	DRAWN BY:	Typography Specifications
4/26/24	KRD	
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REVISIONS		
		SHEET NO.
		A.4 12

LOGO ELEMENTS / ENHANCEMENT MARKERS

Utilized in Vehiclular & Pedestrian signage



Star Logo



Flag Pattern



Header Band

PICTOGRAPH

Utilized in Vehiclular & 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



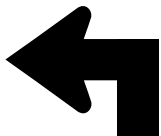
Straight Arrow



Left Arrow



Right Arrow



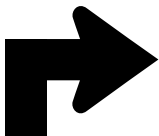
Straight-Left Arrow



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!**

NOTES

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merje		5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com	
		Montgomery, TX Wayfinding Program	
SUBCONSULTANT		PROJECT NO.	
DATE	4/26/24	DRAWN BY:	KRD
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		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 then 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

ENVIRONMENTS & EXPERIENCES

merJe

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

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

Color Chart

SHEET NO.

SUBCONSULTANT

DATE

4/26/24

DRAWN BY:

KRD

REVISIONS

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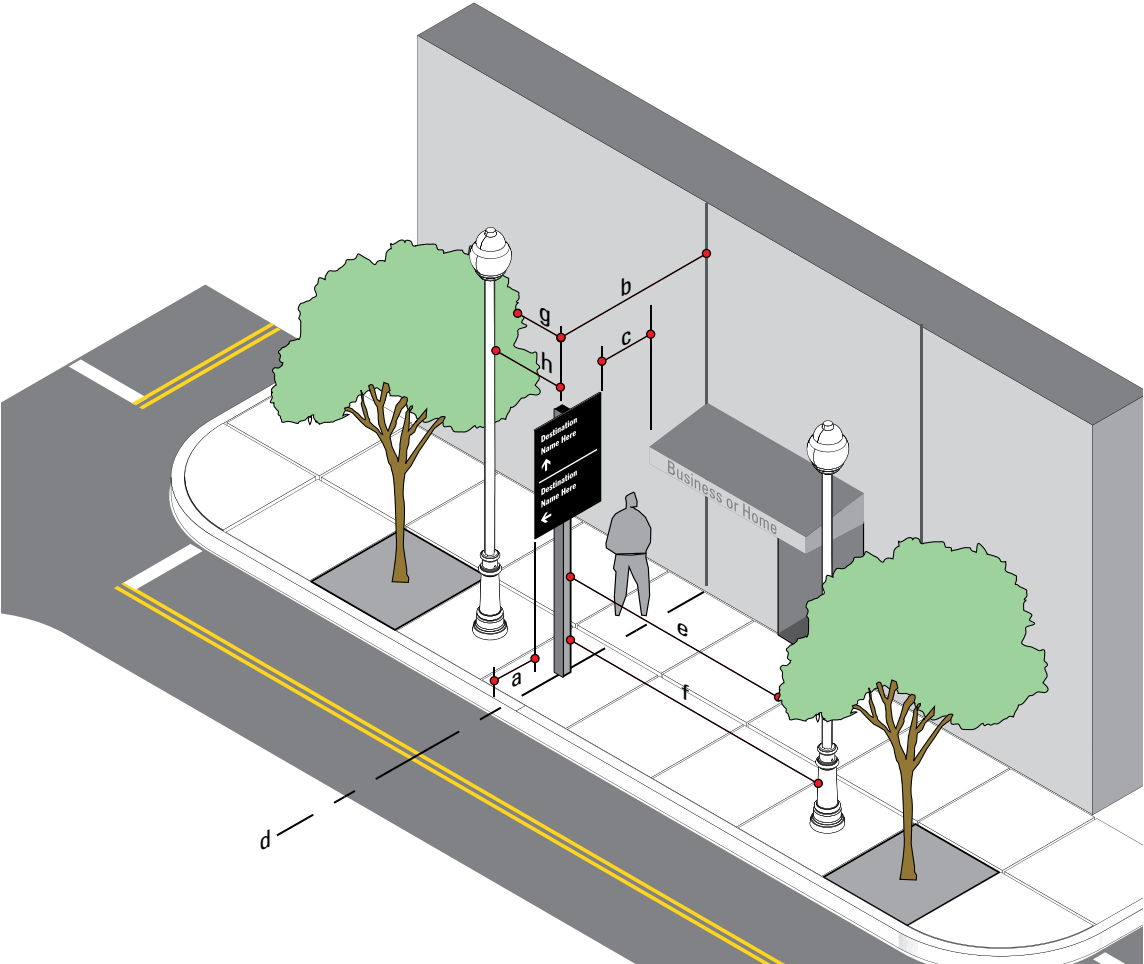
A.6

14

B

Placement Guidelines

Figure 1
Not to Scale



SIGN TYPE	MEASURE	PREFFERED 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 Utlity 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.

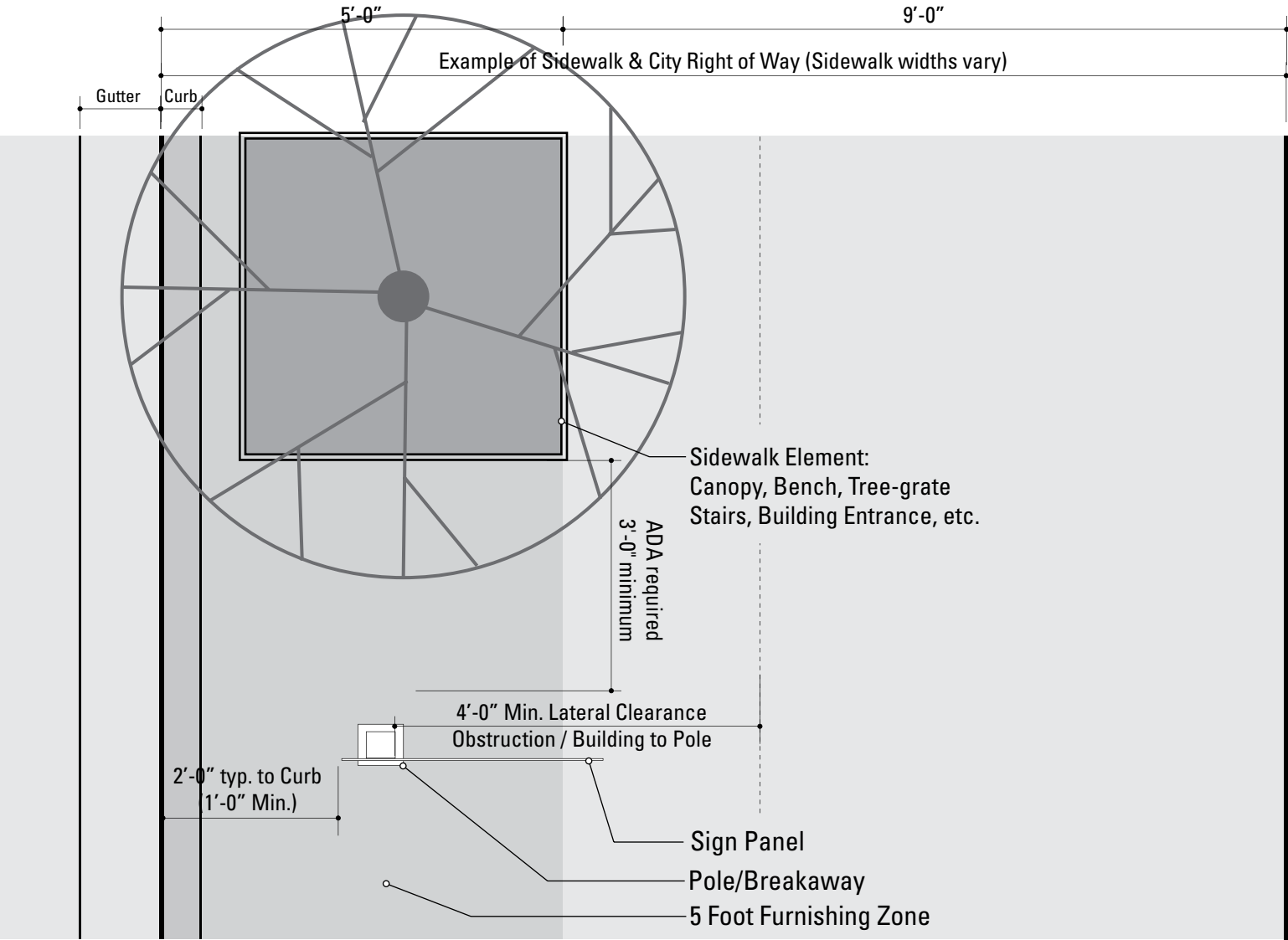
If 2'-0" is not physically possible, then the following options should be allowed:

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

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		Montgomery, TX	
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		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	
		Sign Placement Guidelines	
		SHEET NO.	
		B.1	
		16	



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.

NOTES

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SUBCONSULTANT		PROJECT NO.	
DATE		SHEET TITLE	
4/26/24		Sign Placement Guidelines	
DRAWN BY:			
KRD			
REVISIONS			
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		B.2	
		17	

C

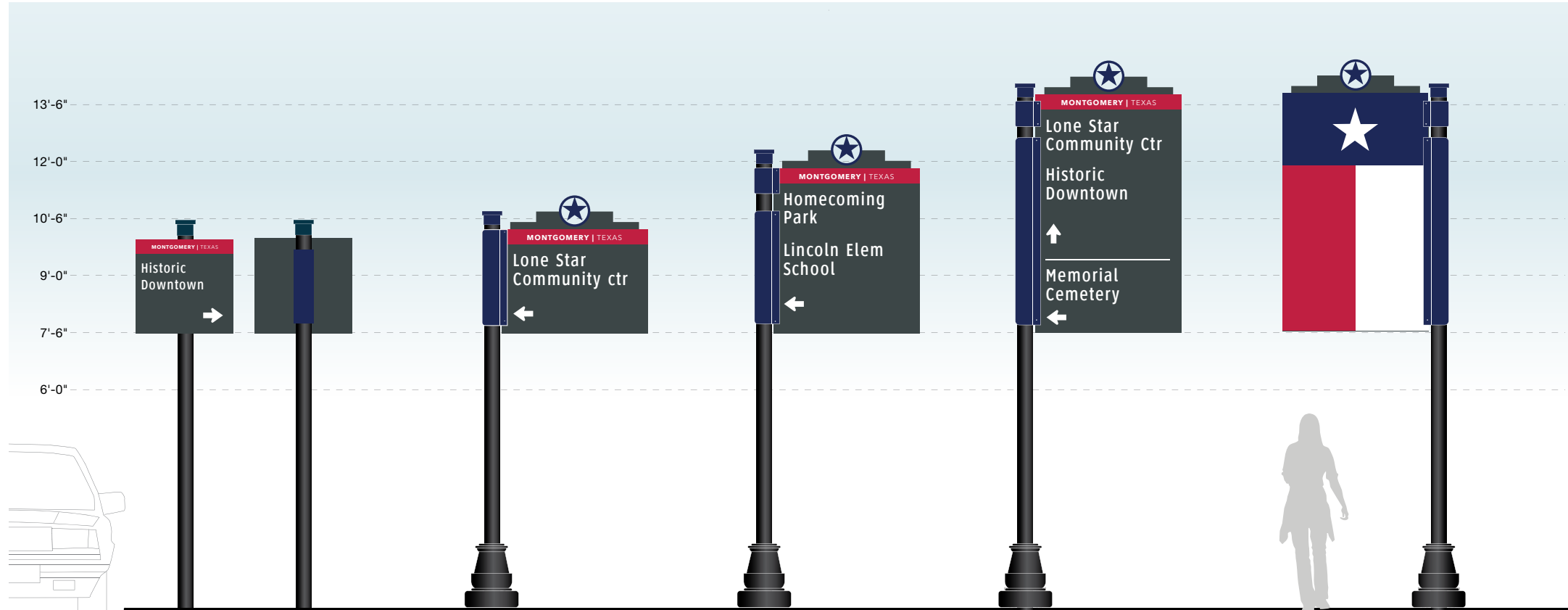
Menu of Sign Types



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.

SPECIFICATIONS

Item 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 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.

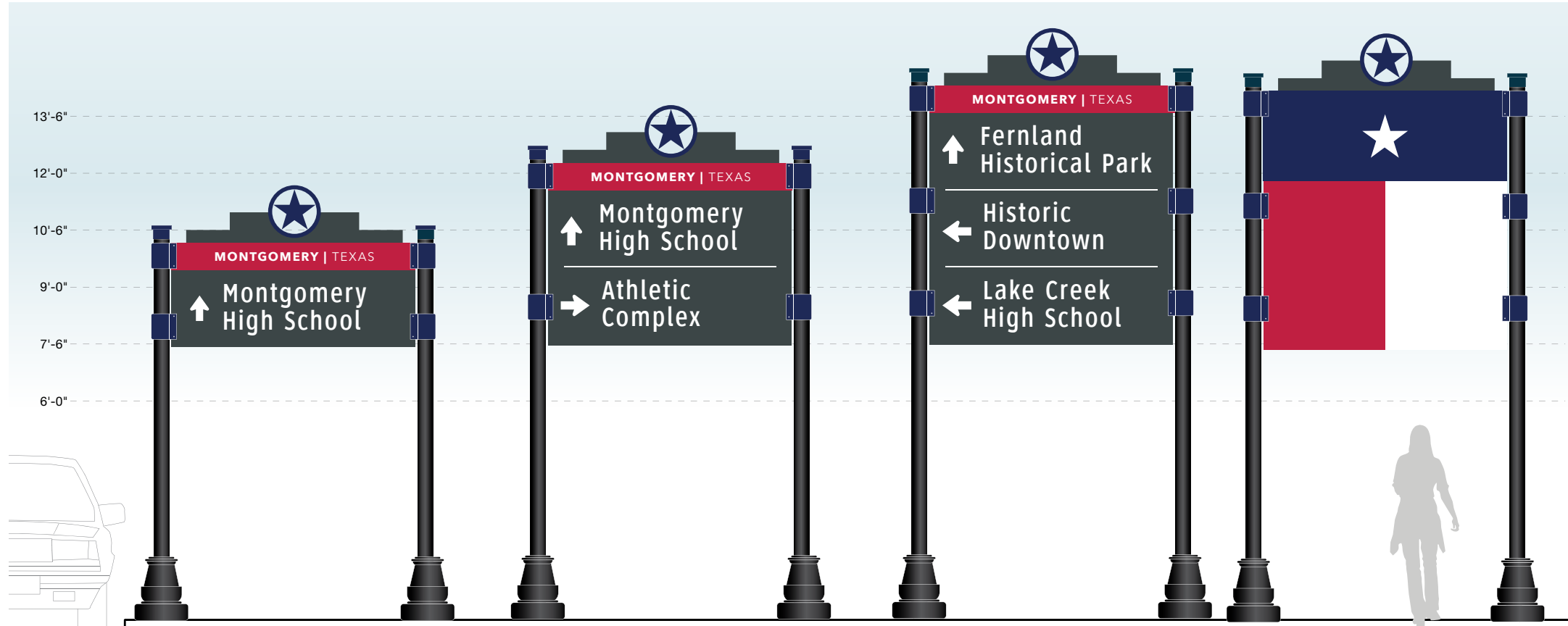
ENVIRONMENTS & EXPERIENCES

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

C.1



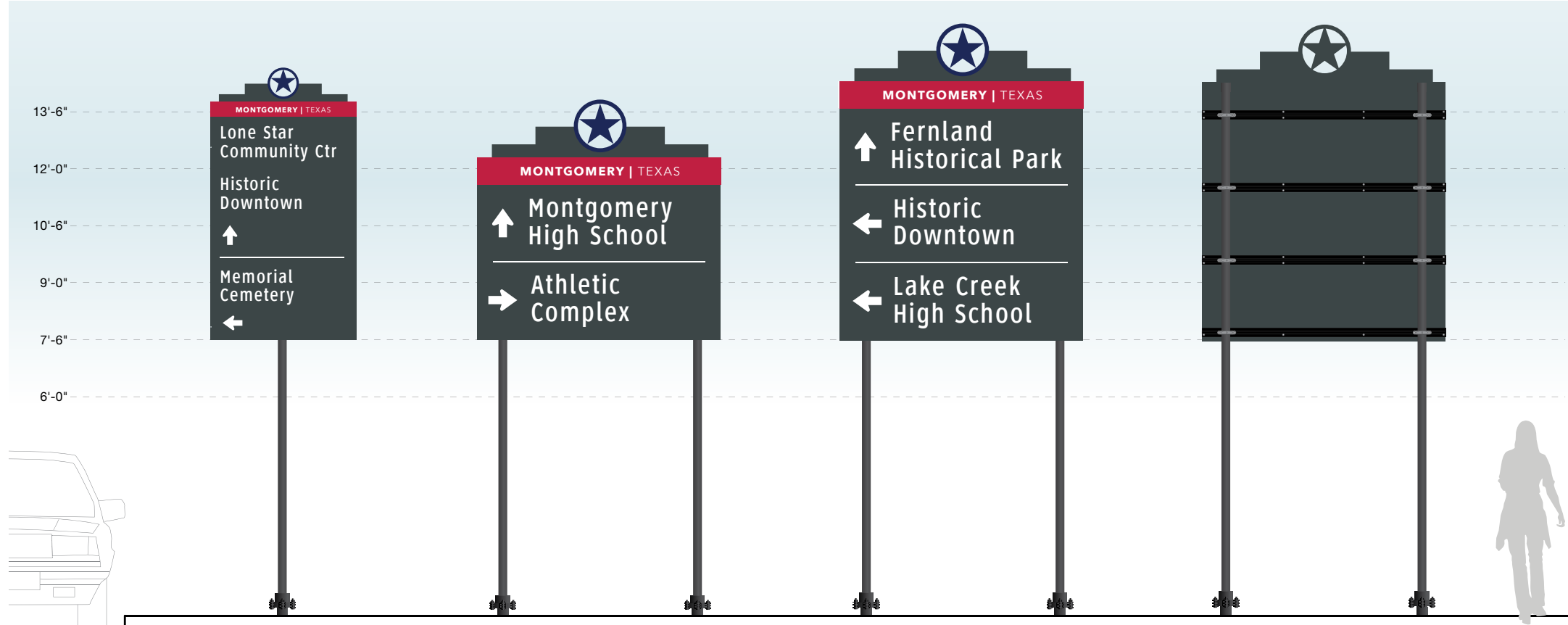
Scale: 3/8"=1'-0"

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.

SPECIFICATIONS

Item 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 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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REVISIONS

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

Overview
Vehicular Signs

SHEET NO.

C.2



NOTES:

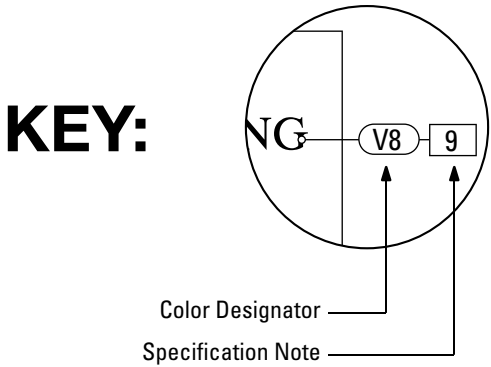
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REVISIONS		PROJECT NO.
		SHEET TITLE
		Overview Parking / Kiosk Signs
		SHEET NO.
		C.3
		21



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
3. 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

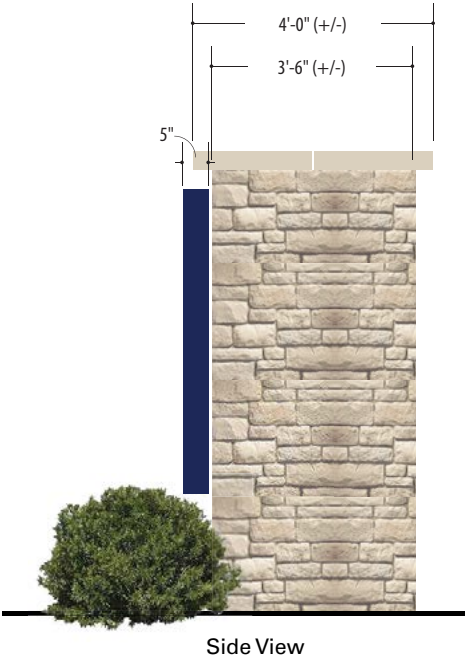
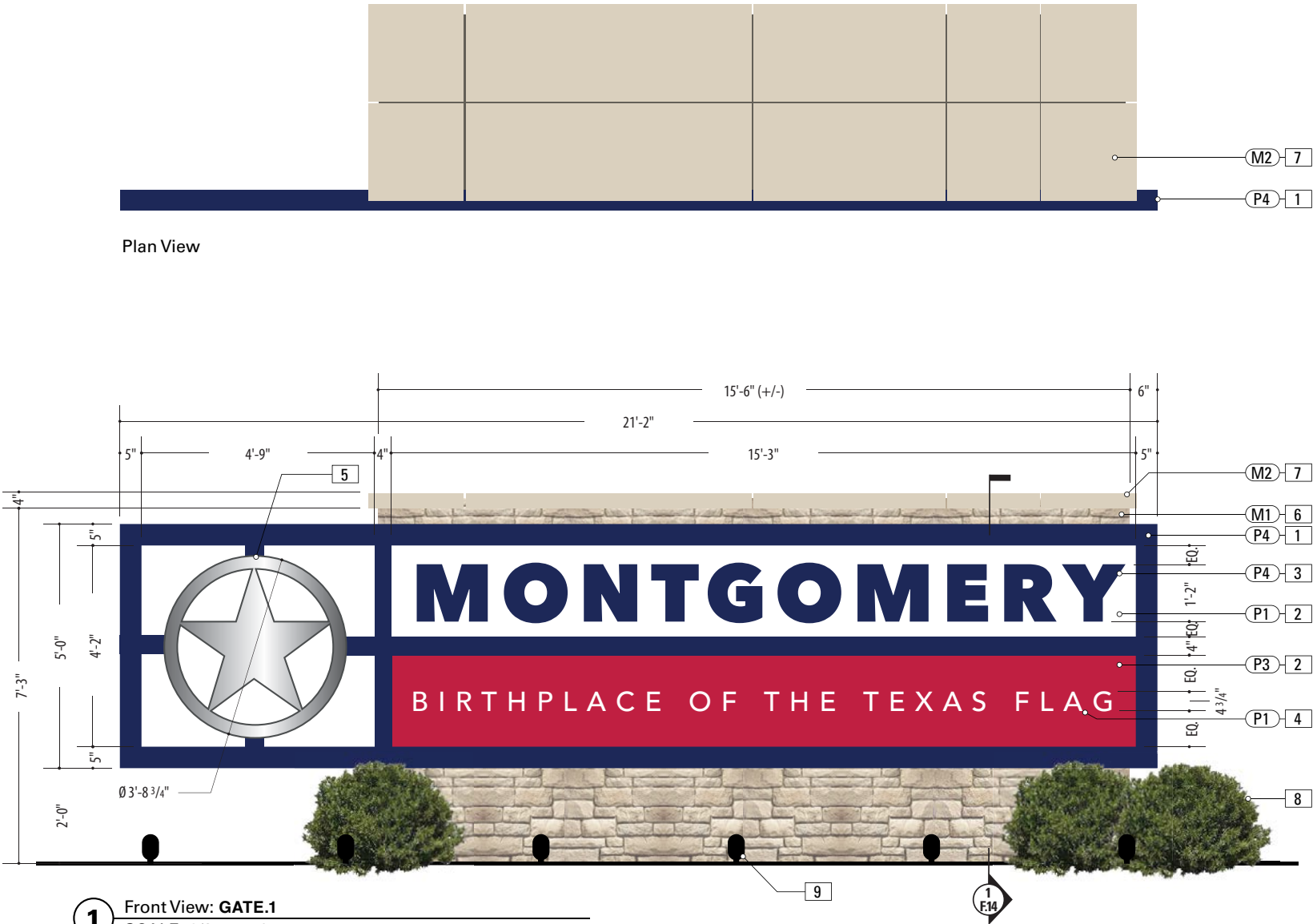
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3. Hardware: All exposed hardware shall be tamper proof fasteners.

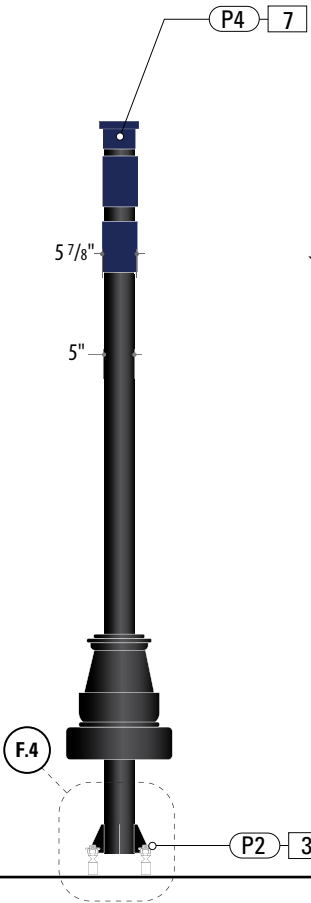
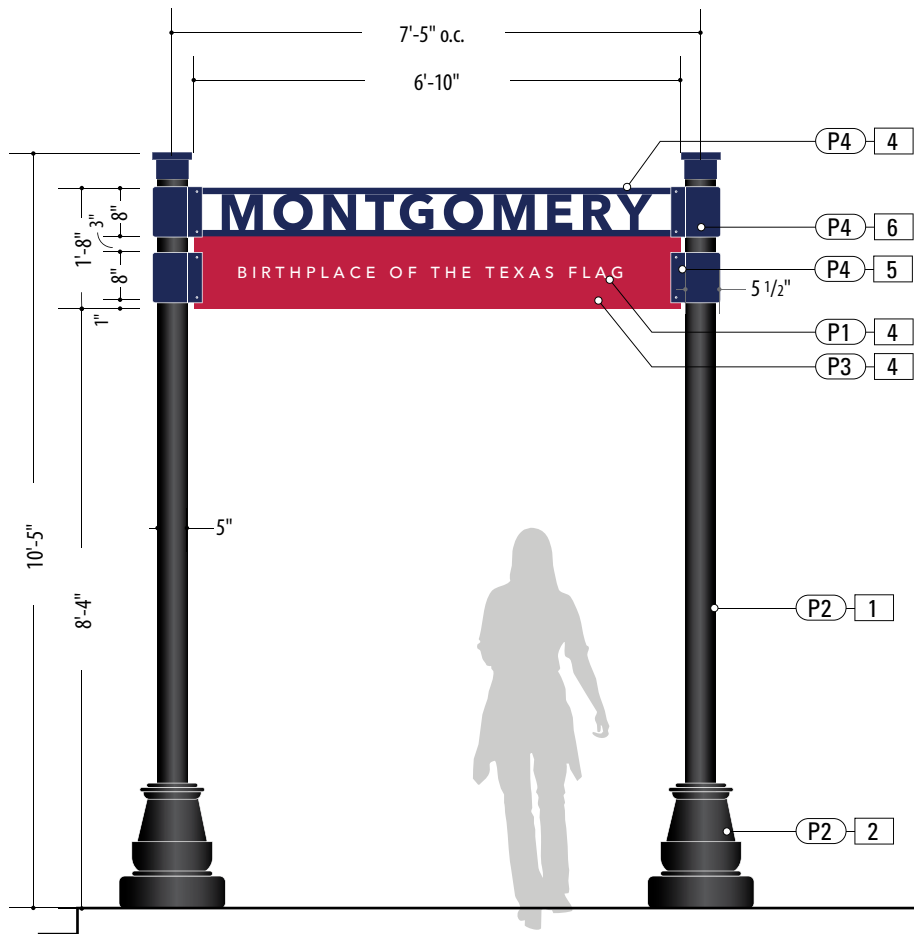
4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

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		PROJECT NO.	
SUBCONSULTANT		SHEET TITLE	
DATE	4/26/24	DRAWN BY:	KRD
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		SHEET NO.	





Plan View



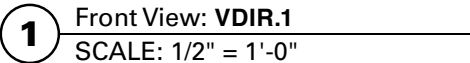
1 Front View: GATE.2
SCALE: 3/8" = 1'-0"

Side View Back View

SPECIFICATIONS	SIGN TYPE: GATE.2	FUNCTION: Gateway ID	Item 3.
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 PROCESS: Mask + Spray with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENERS: Secure through Flag Bracket + 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		

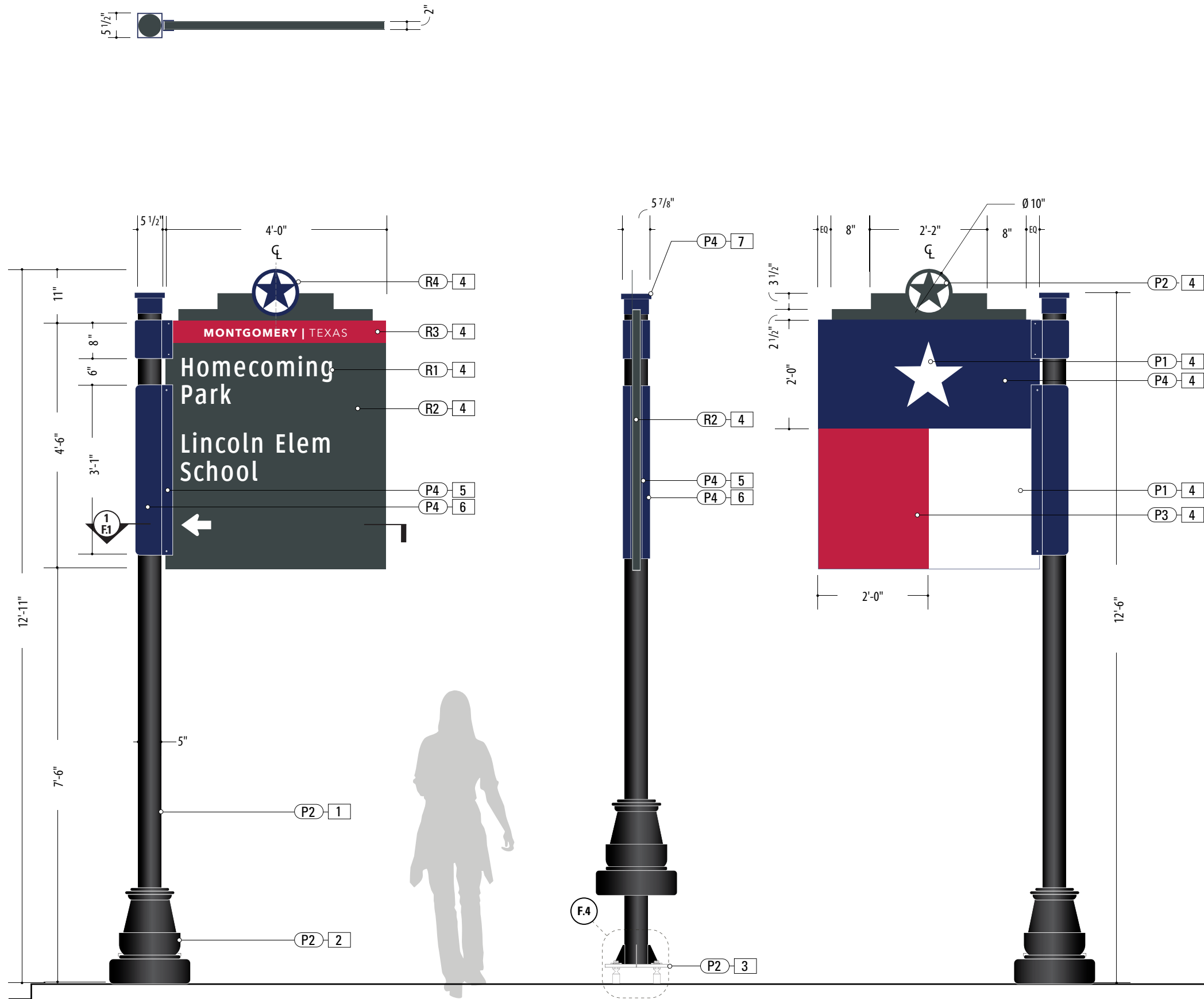
NOTES
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		GATE.2 Gateway ID	
		SHEET NO.	
		D.2	
		25	



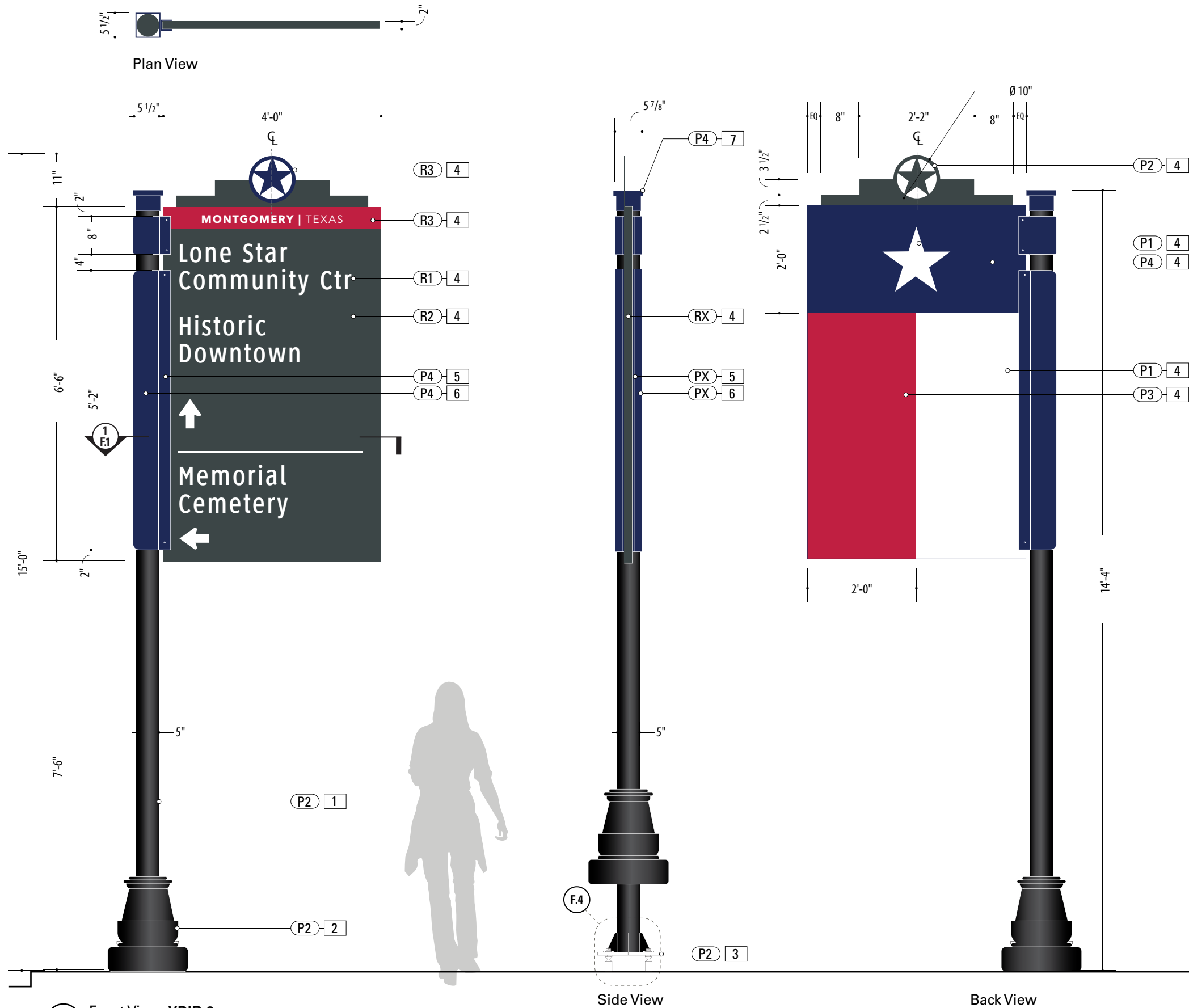
[Back View](#)

D.3



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

SPECIFICATIONS		SIGN TYPE: VDIR.2	FUNCTION: Vehicular Directional	Item 3.
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.)		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		
2. DECORATIVE BASE PRODUCT: "Arlen 17" by Hapco TYPE: 2-Piece Clamshell for Round Straight Pole FABRICATION PROCESS: 356 Cast Aluminum COLOR: as noted		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		
3. BREAKAWAY ATTACHMENT Transpo PoleSafe #5075 Breakaway Assembly Installed Per Engineer Req. (See Detail Page)		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		
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				
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 merJe 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			SHEET TITLE	
DRAWN BY: KRD			VDIR.2 Vehicular Directional	
REVISIONS				
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			D.4	
			27	



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

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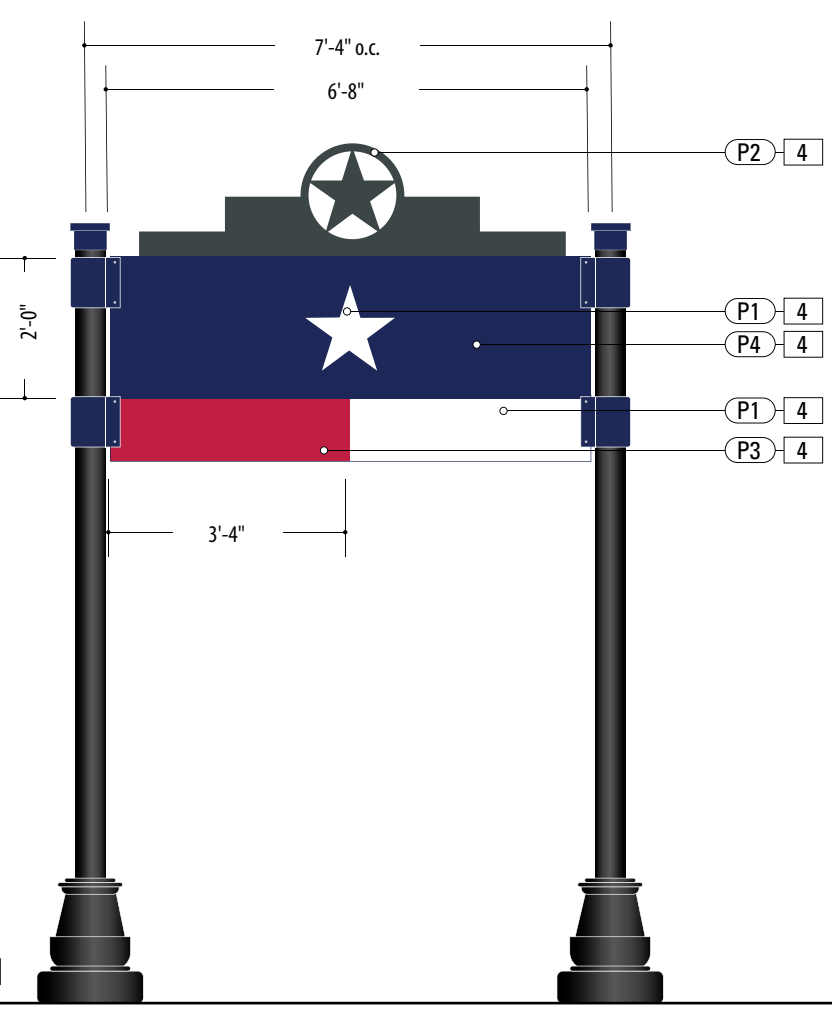
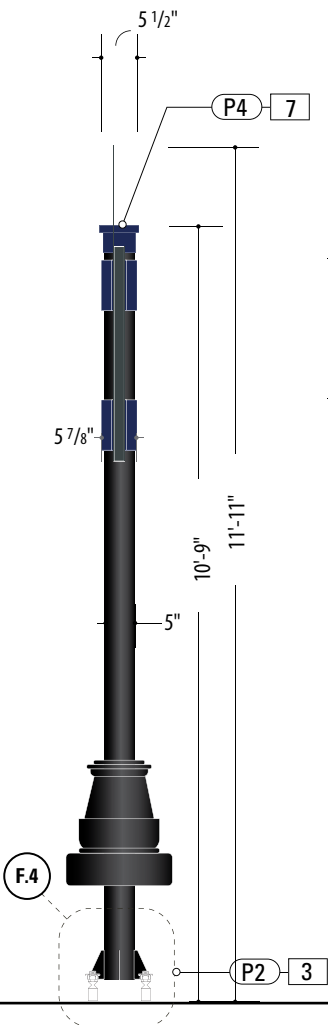
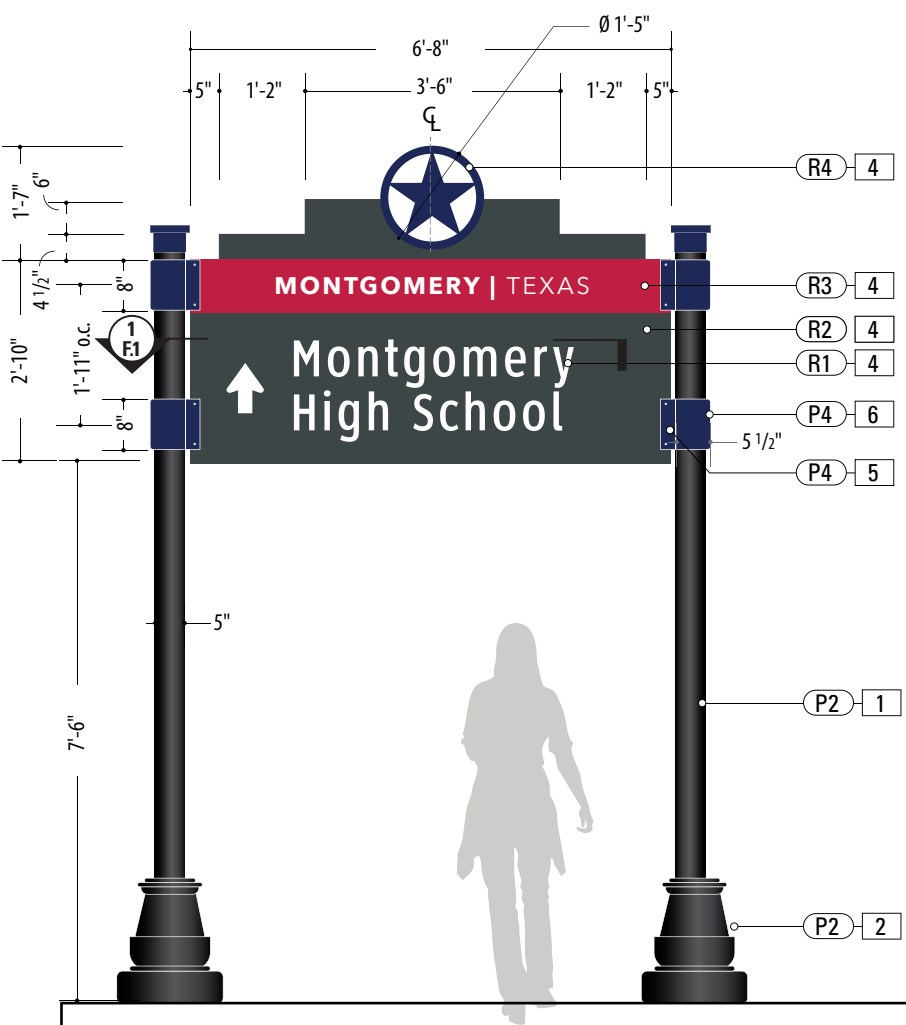
3. Hardware: All exposed hardware shall be tamper proof fasteners.

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		Montgomery, TX Wayfinding Program	
SUBCONSULTANT		PROJECT NO.	
DATE		SHEET TITLE	
4/26/24		VDIR.3 Vehicular Directional	
DRAWN BY:		SHEET NO.	
KRD			
REVISIONS			
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Plan View



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

- 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

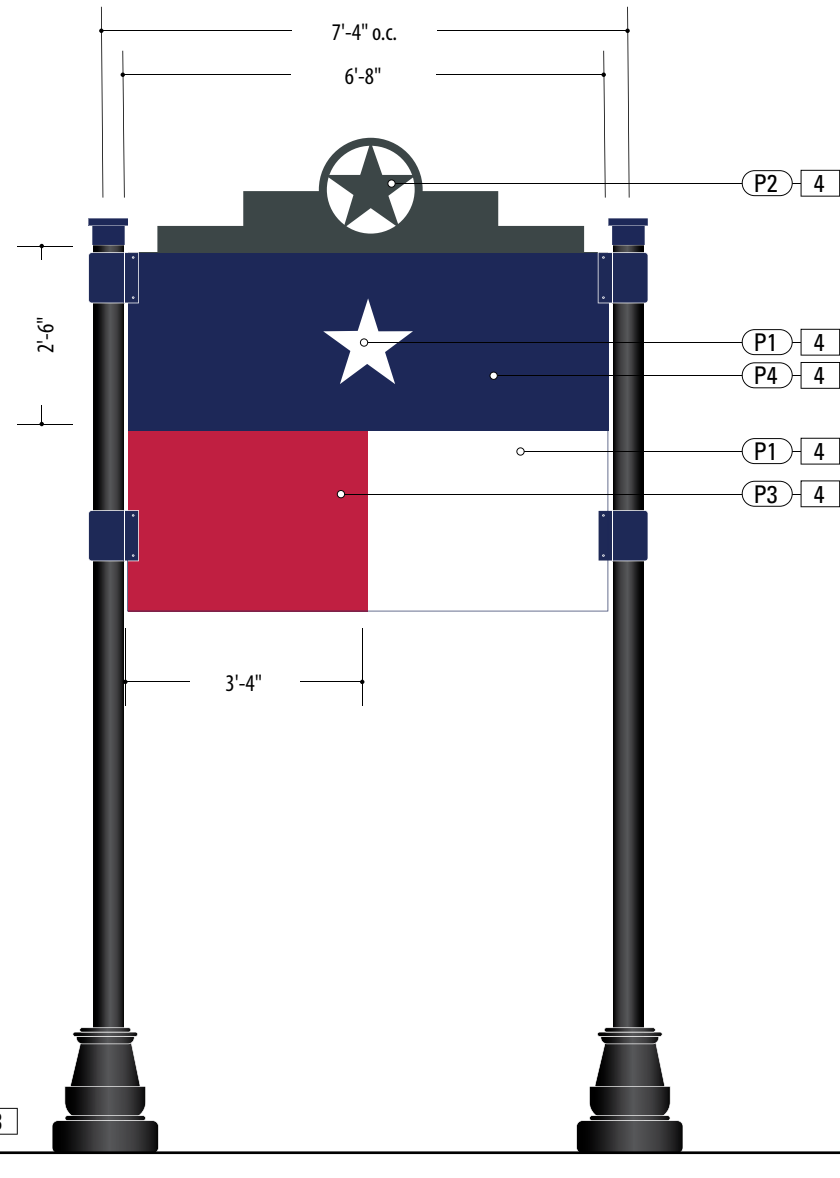
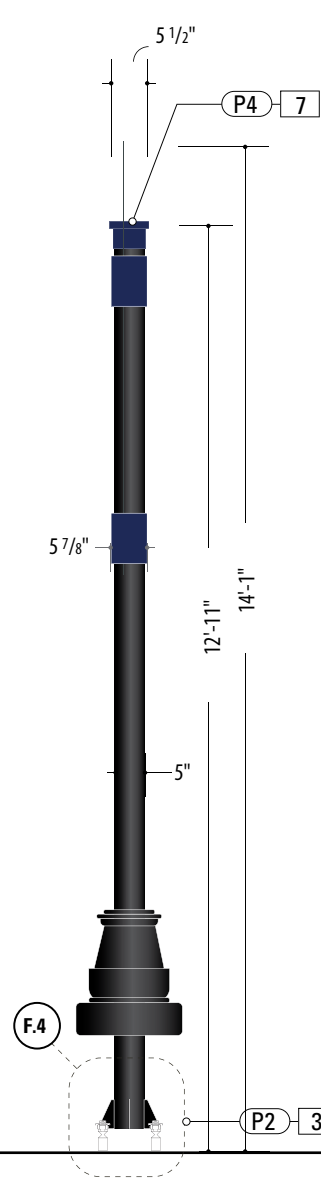
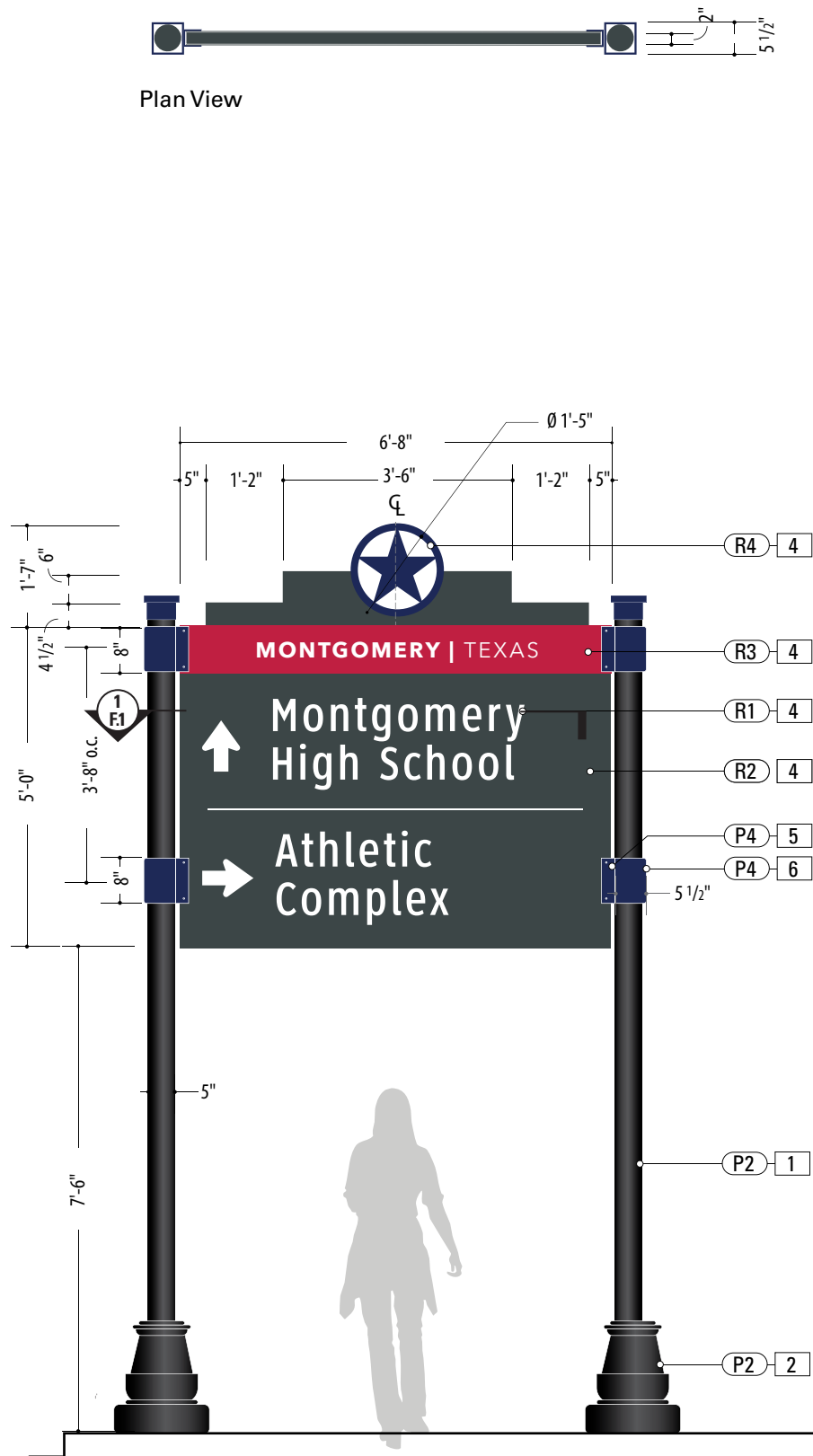
- NOTES
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.

2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and U/V) clear coat or vinyl over laminate.

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

4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

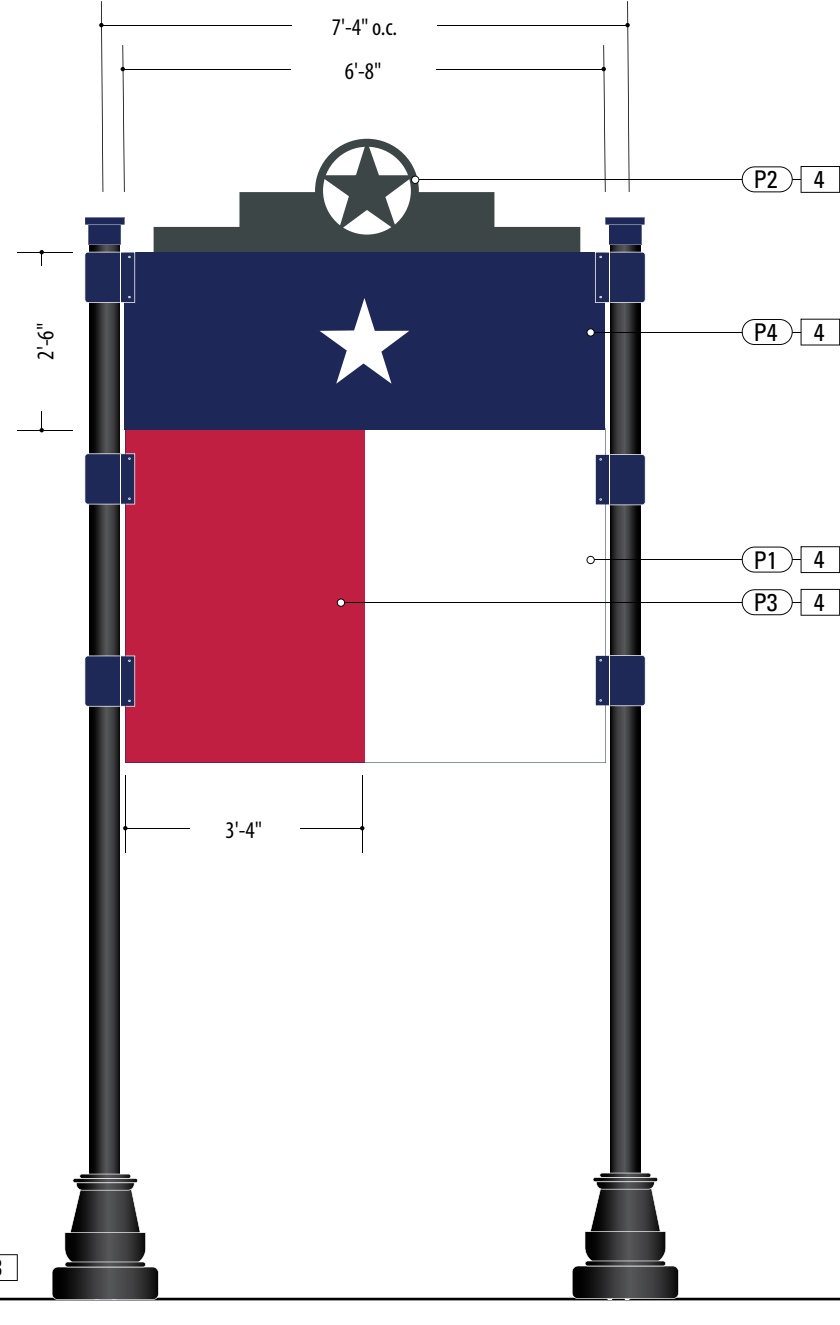
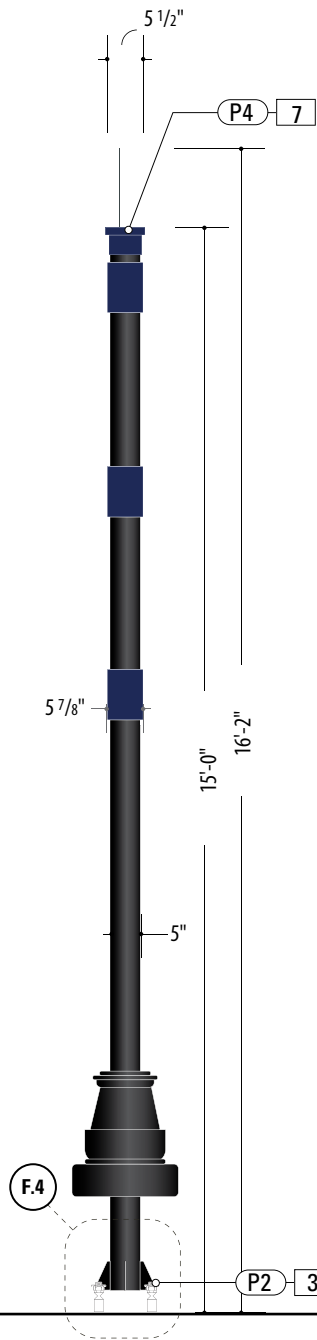
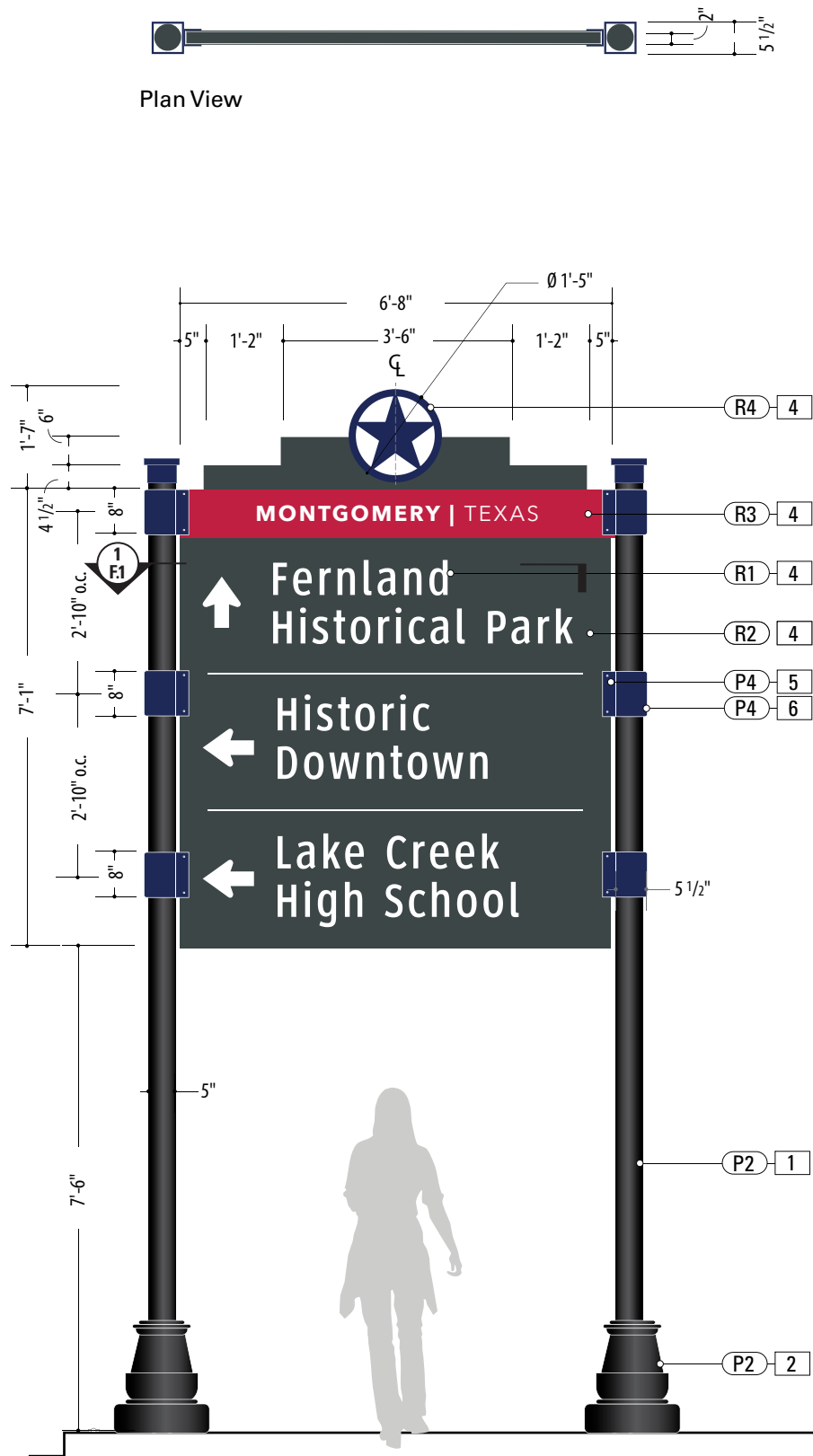
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com	
		Montgomery, TX Wayfinding Program	
SUBCONSULTANT		PROJECT NO.	
DATE		SHEET TITLE	
4/26/24		VDIR.4 Vehicular Directional	
DRAWN BY:		SHEET NO.	
KRD		D.6	
REVISIONS			
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1 Front View: VDIR.5
SCALE: 3/8" = 1'-0"

Side View Back View

SPECIFICATIONS		SIGN TYPE: VDIR.5	FUNCTION: Vehicular Directional	Item 3.
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.)		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		
2. DECORATIVE BASE PRODUCT: "Arlen 17" by Hapco TYPE: 2-Piece Clamshell for Round Straight Pole FABRICATION PROCESS: 356 Cast Aluminum COLOR: as noted		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		
3. BREAKAWAY ATTACHMENT Transpo PoleSafe #5075 Breakaway Assembly Installed Per Engineer Req. (See Detail Page)		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		
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				
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 merJe 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	
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			SHEET NO.	
			VDIR.5 Vehicular Directional	
			D.7	
			30	



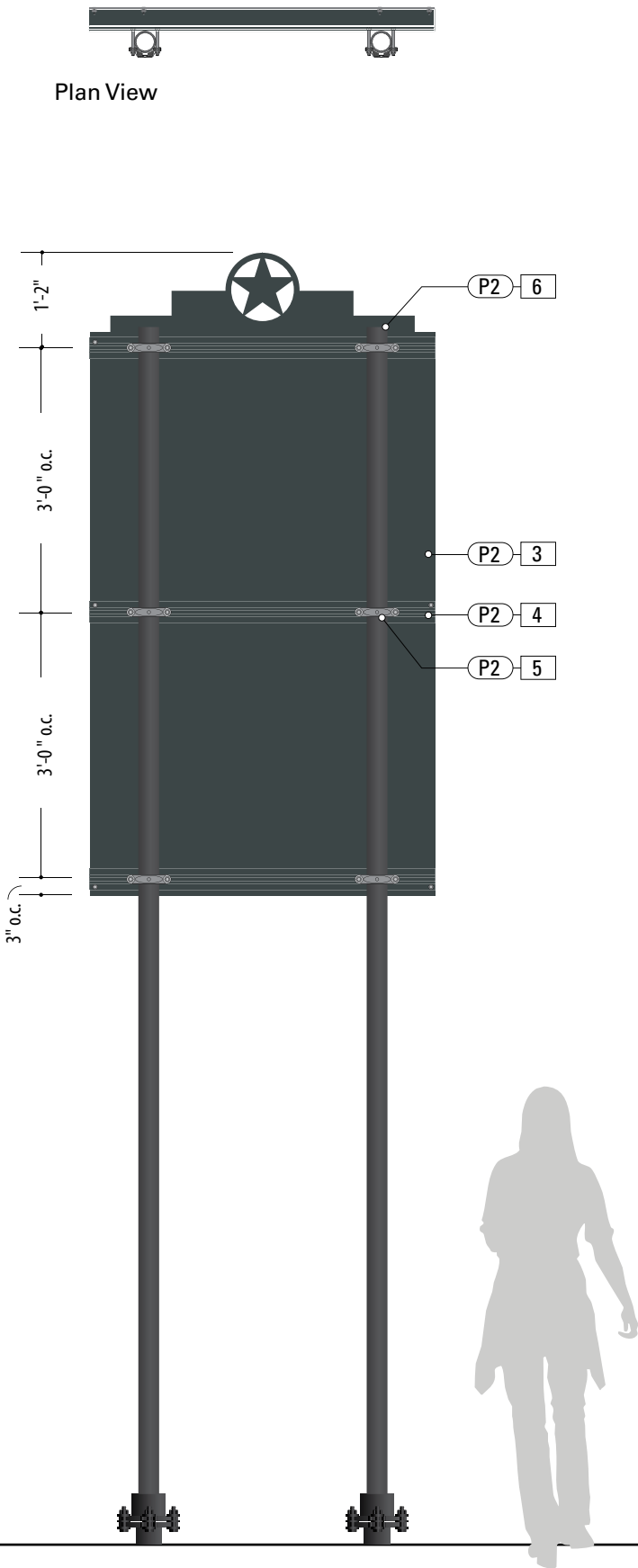
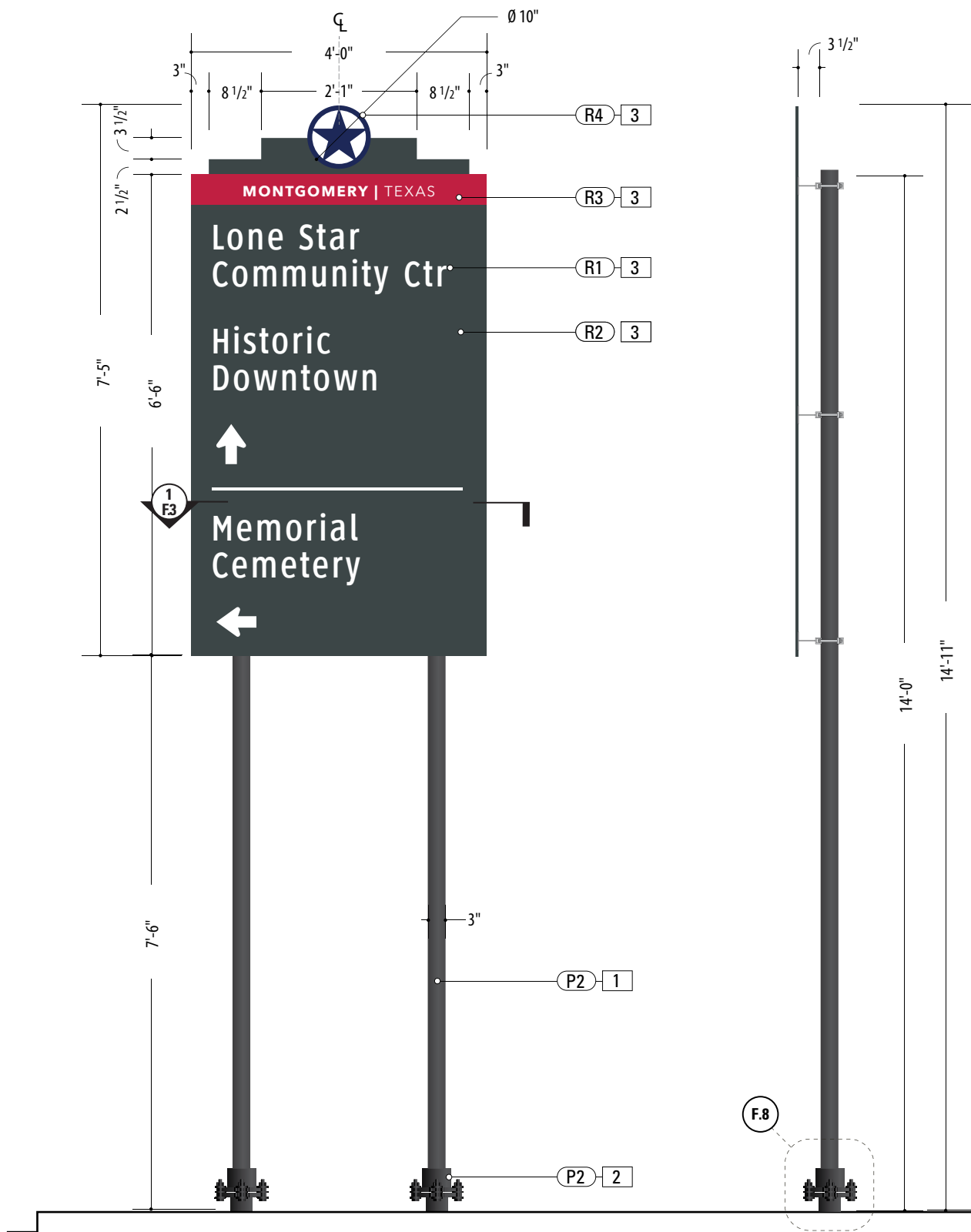
Plan View



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

Side View Back View

SPECIFICATIONS		SIGN TYPE: VDIR.6	FUNCTION: Vehicular Directional	Item 3.
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 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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SUBCONSULTANT			PROJECT NO.	
DATE 4/26/24		DRAWN BY: KRD		SHEET TITLE VDIR.6 Vehicular Directional
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			SHEET NO.	
			D.8	
			31	



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.

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DATE		DRAWN BY:	
4/26/24		KRD	
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		SHEET TITLE	
		VDIR.3 TXDOT Vehicular Directional	
		SHEET NO.	

1

Front View: VDIR.3 TXDOT

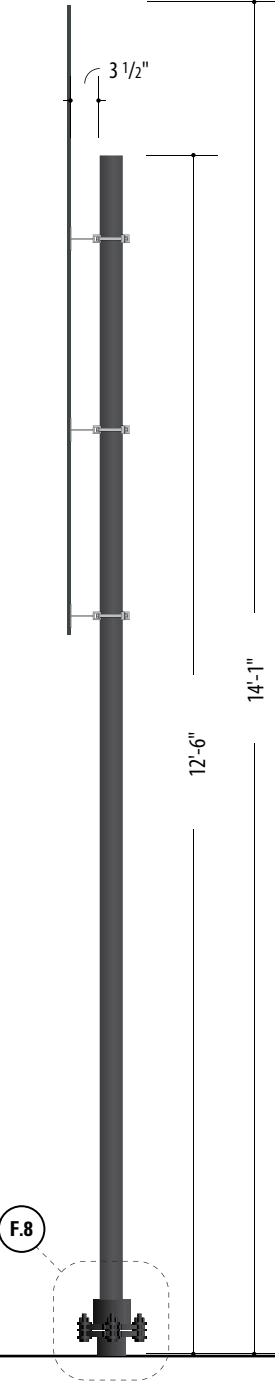
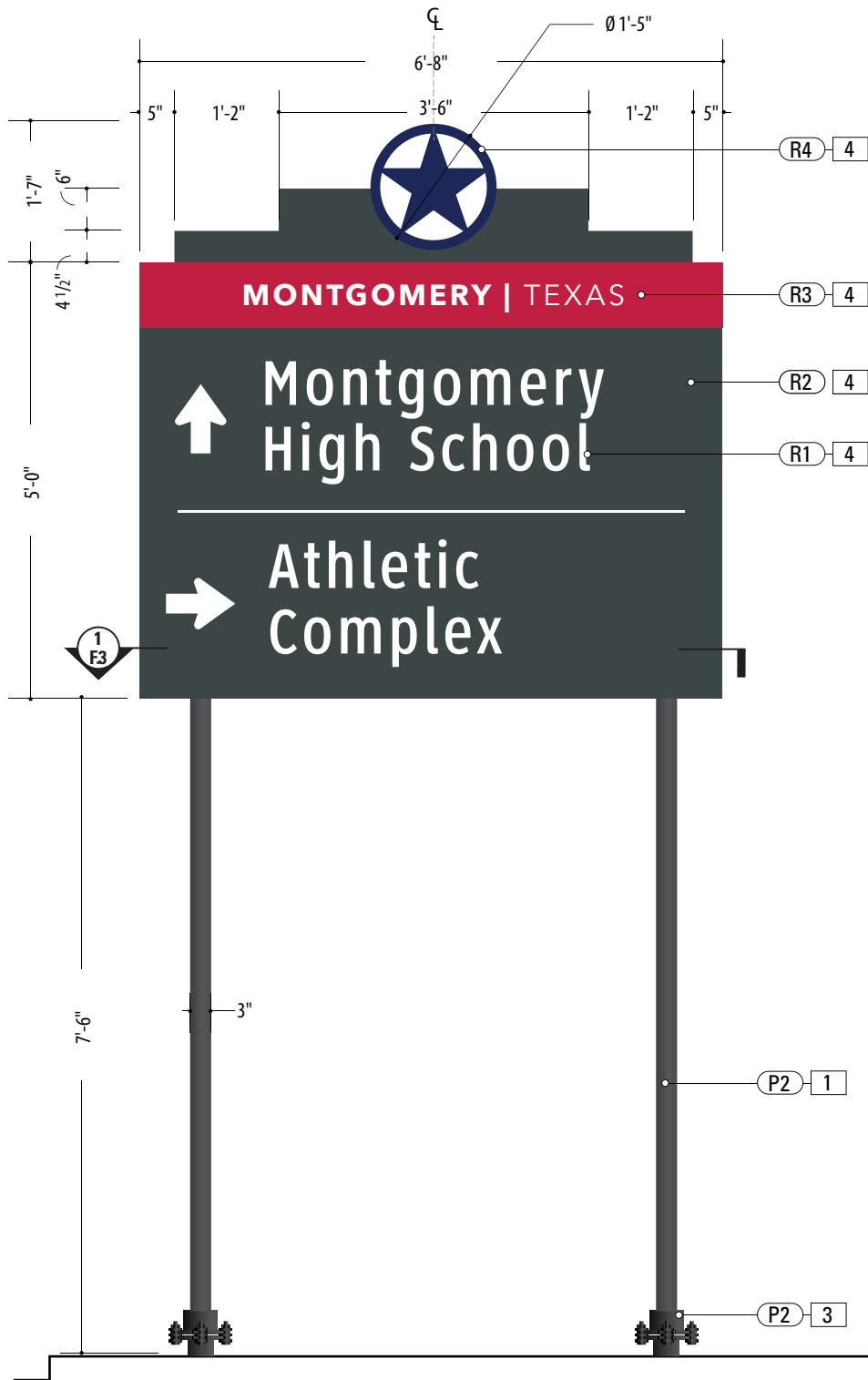
SCALE: 1/2" = 1'-0"

Side View

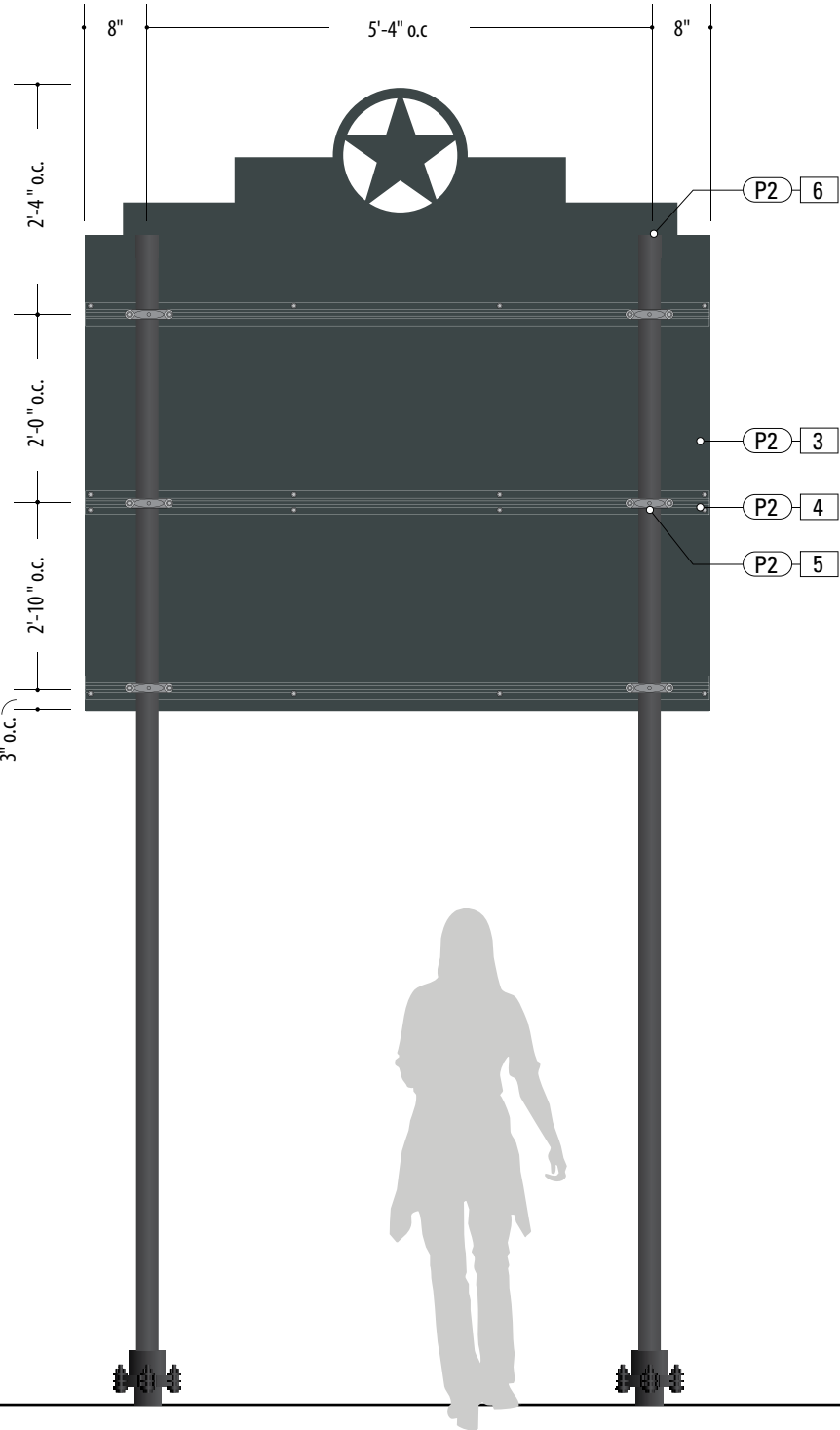
Back View



Plan View



Side View



Back View

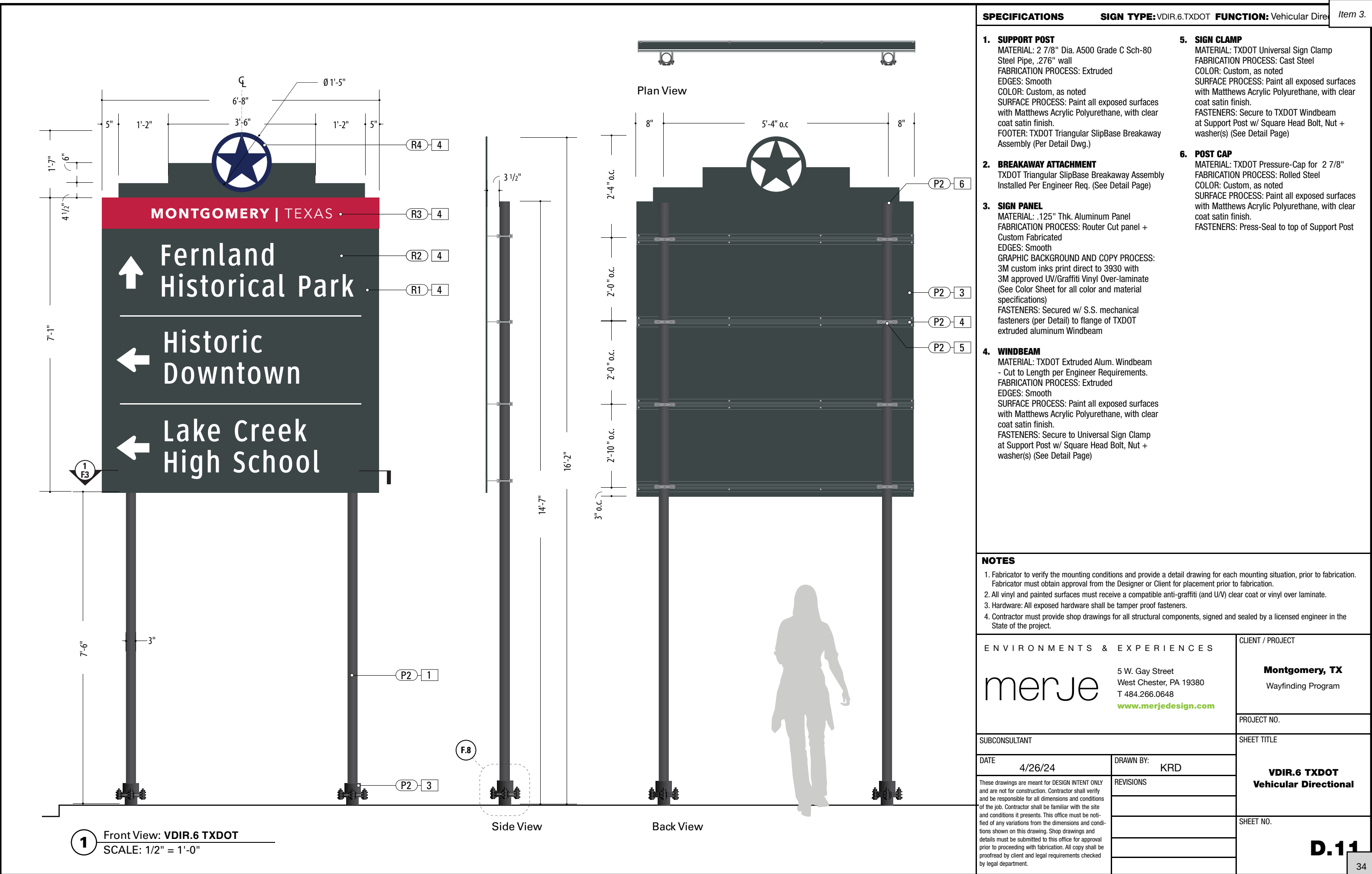
- SUPPORT POST**
MATERIAL: 2 7/8" Dia. A500 Grade C Sch-80 Steel Pipe, .276" wall
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: TXDOT Triangular SlipBase Breakaway Assembly (Per Detail Dwg.)
- BREAKAWAY ATTACHMENT**
TXDOT Triangular SlipBase Breakaway Assembly Installed Per Engineer Req. (See Detail Page)
- 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
- 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)
- 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)
- 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

- 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.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
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		SHEET TITLE	
		VDIR.5 TXDOT Vehicular Directional	
		SHEET NO.	
		D.10	

1 Front View: VDIR.5 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

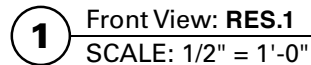
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.

2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and U/V) clear coat or vinyl over laminate.

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

4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

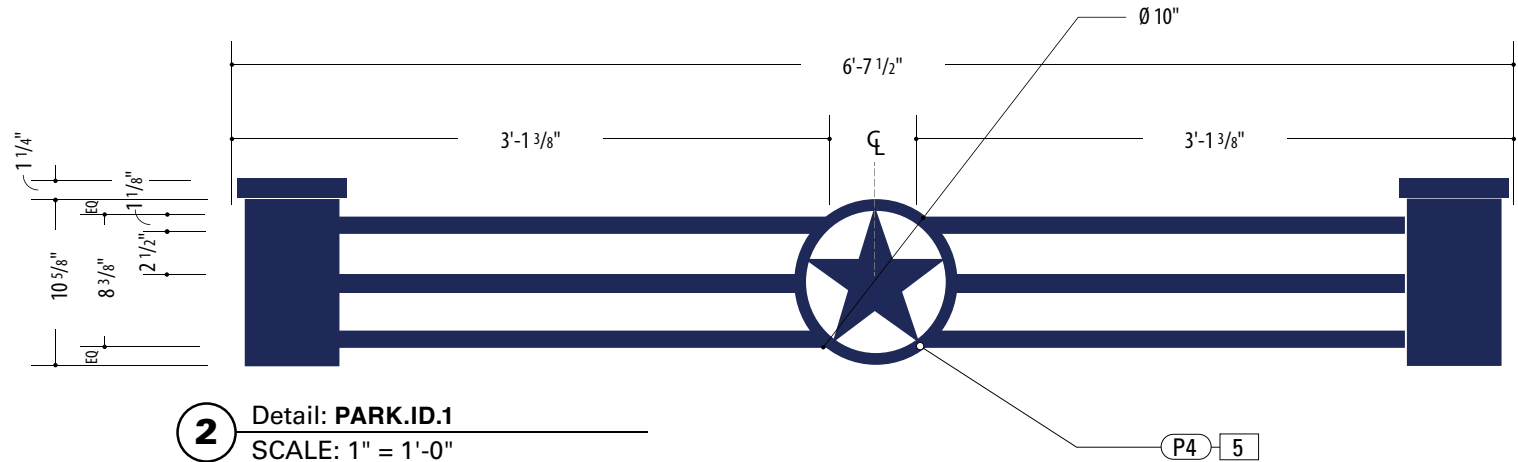
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
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		Montgomery, TX Wayfinding Program	
SUBCONSULTANT		PROJECT NO.	
DATE		SHEET TITLE	
4/26/24		VDIR.6 TXDOT Vehicular Directional	
DRAWN BY:		SHEET NO.	
KRD		D.11	
REVISIONS		34	
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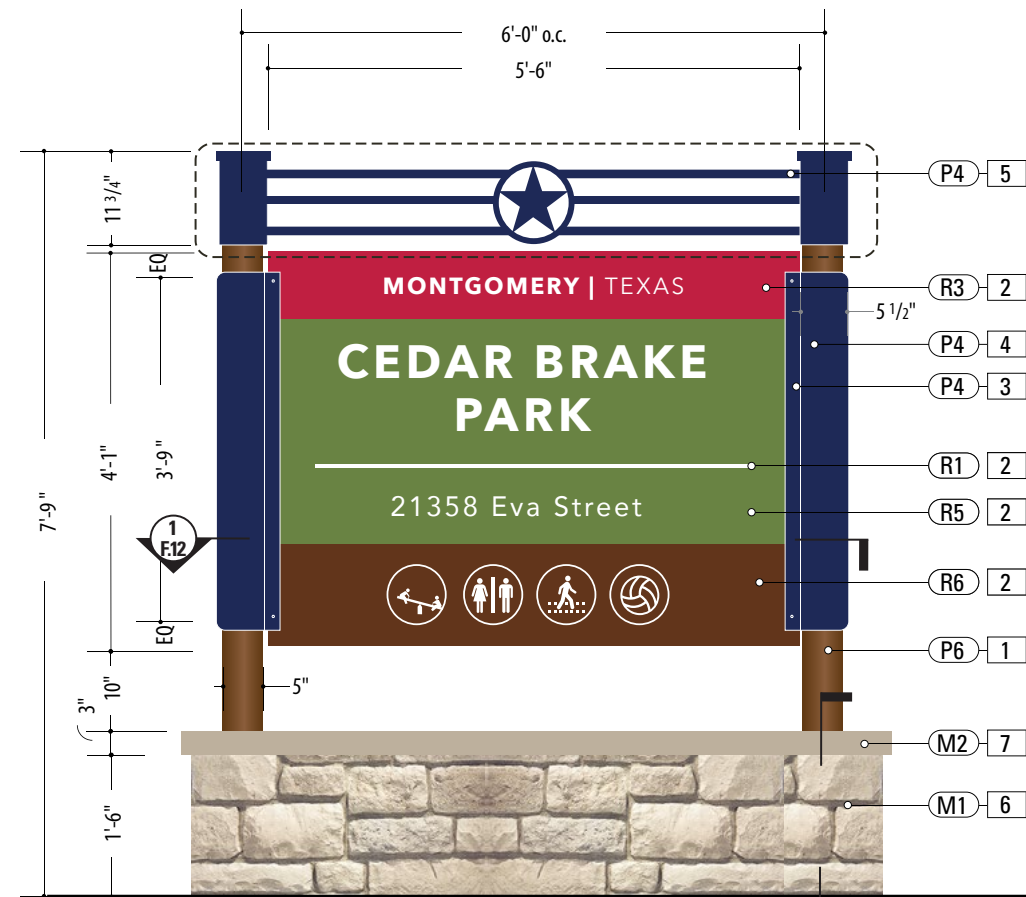
SPECIFICATIONS:		SIGN TYPE: RES. 1	FUNCTION: Vehicular Directional	Item 3.
1. SUPPORT POST MATERIAL: 5" Dia. Alum. tube, .5" wall FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FOOTER: Match Plate w/ Direct Bury post into concrete footer (Per Detail Dwg.) 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				
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)				
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				
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 merJe 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.			REVISIONS	
			SHEET NO.	
			RES.1 Vehicular Directional	
			D.12	
			35	



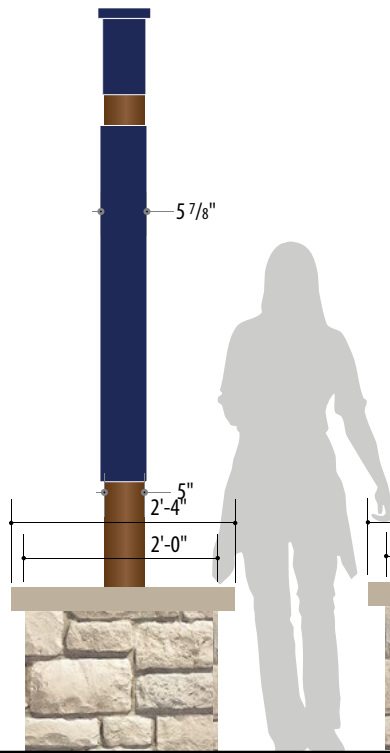
Plan View



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



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



Side View



Back View

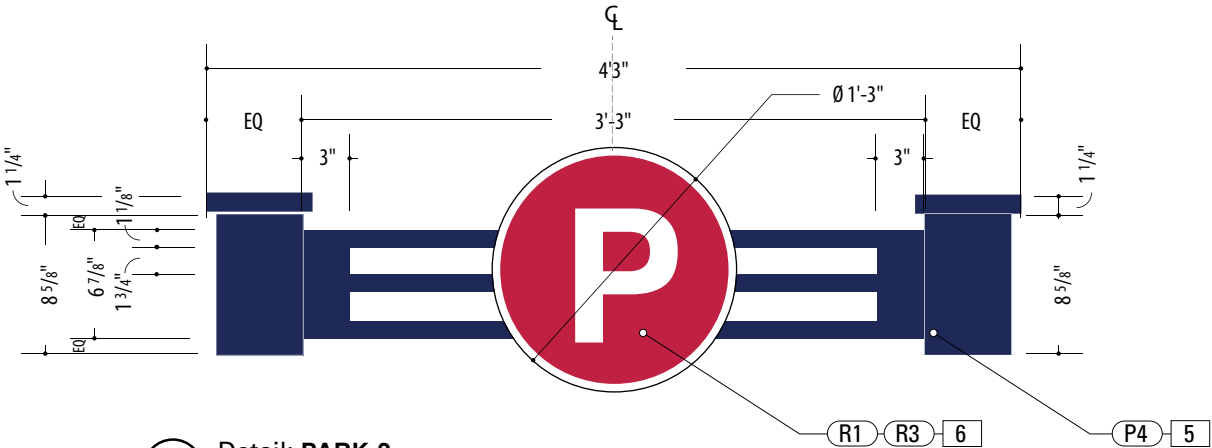
- SUPPORT POST**
MATERIAL: 5" Dia. Alum. tube, .5" wall
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Direct Bury post into concrete footer (Per Detail Dwg.)
- SIGN 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.

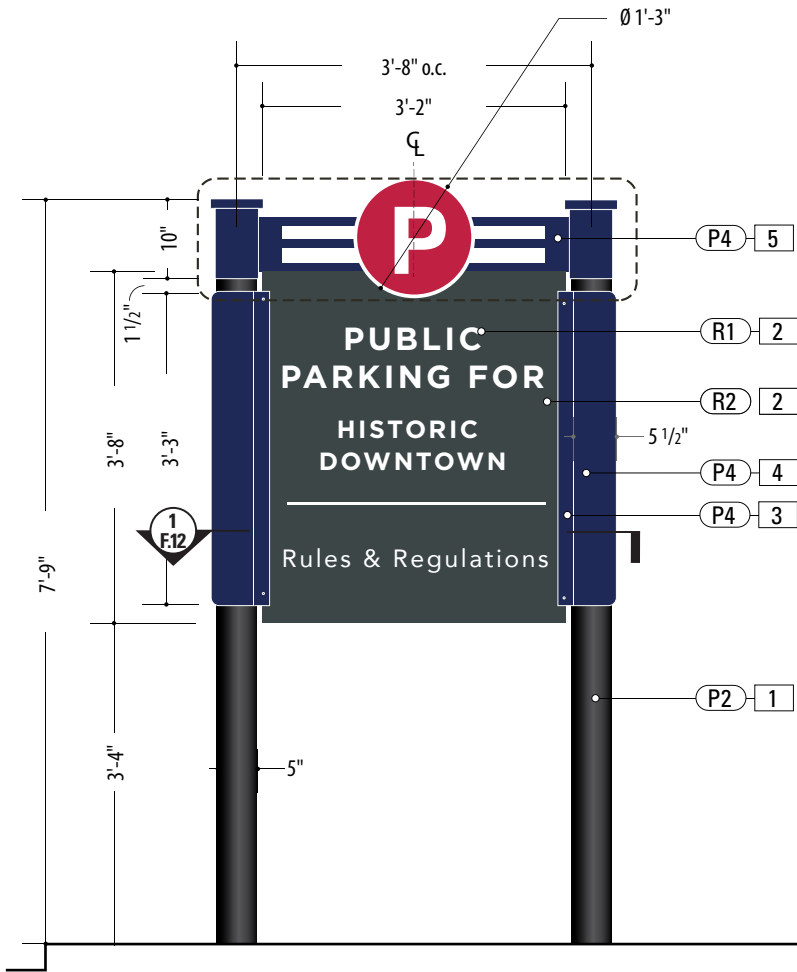
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		Montgomery, TX Wayfinding Program	
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.	
SUBCONSULTANT		SHEET TITLE	
DATE	4/26/24	DRAWN BY:	KRD
These drawings are meant for DESIGN INTENT ONLY and are not for construction. 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.		PARK.ID.1 Parking Identification	
		SHEET NO.	
		D.13	



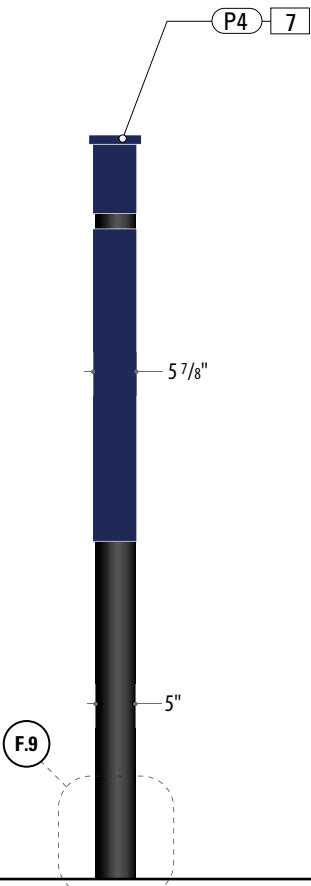
Plan View



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



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



Side View



Back View

- 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

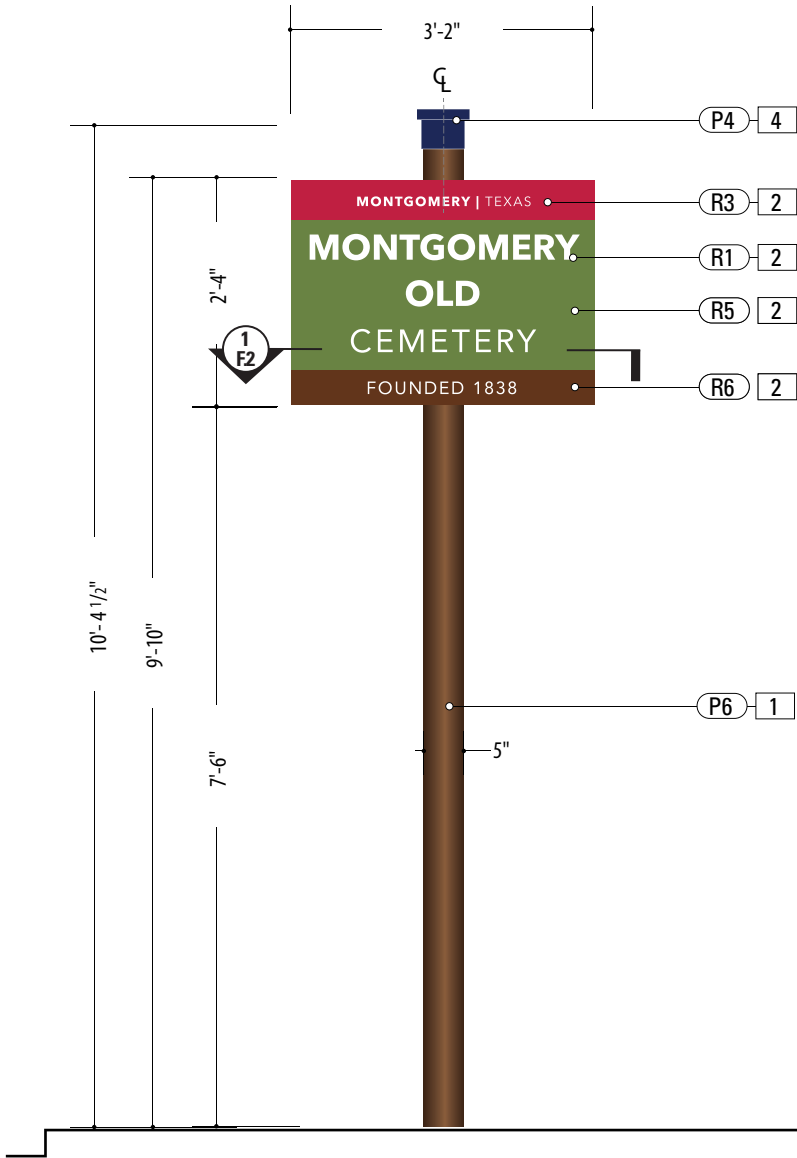
6. PARKING ICON
MATERIAL: Aluminum Sheet, 1/4" thk.
FABRICATION PROCESS: Custom router cut
COLOR: Custom, as noted
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminate (See Color Sheet for all color and material specifications)
FASTENERS: Secure to Header cross-bracing w/ concealed Fasteners

- NOTES**
- 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.

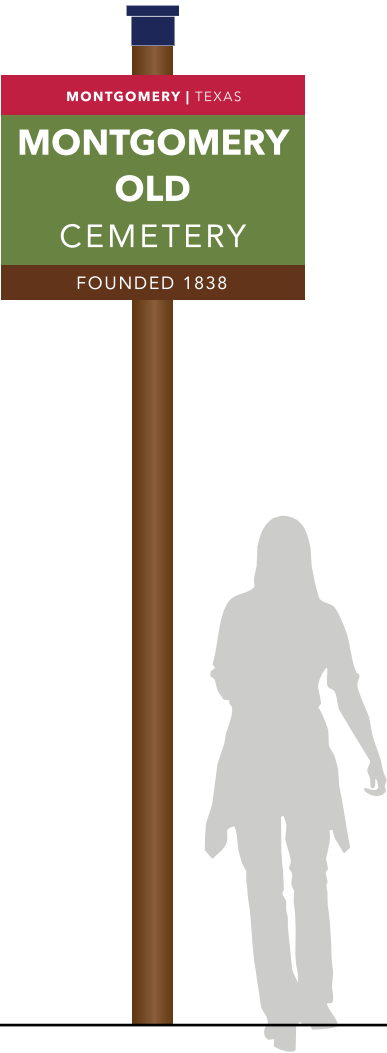
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com	
		Montgomery, TX Wayfinding Program	
SUBCONSULTANT		PROJECT NO.	
DATE		DRAWN BY:	
4/26/24		KRD	
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		SHEET TITLE	
		PARK.2 Parking Identification	
		SHEET NO.	
		D.14	



Plan View



Side View



Back View

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

- 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.

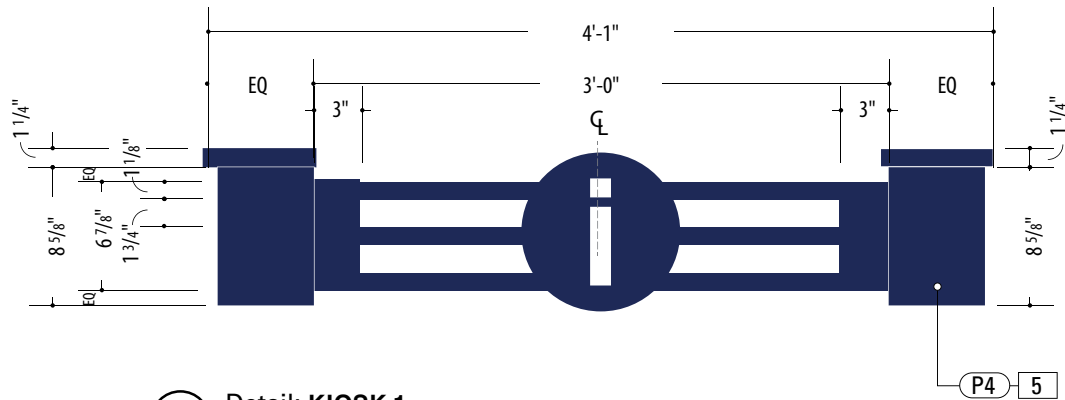
3. Hardware: All exposed hardware shall be tamper proof fasteners.

4. Contractor must provide shop drawings for all structural components, signed and sealed by a licensed engineer in the State of the project.

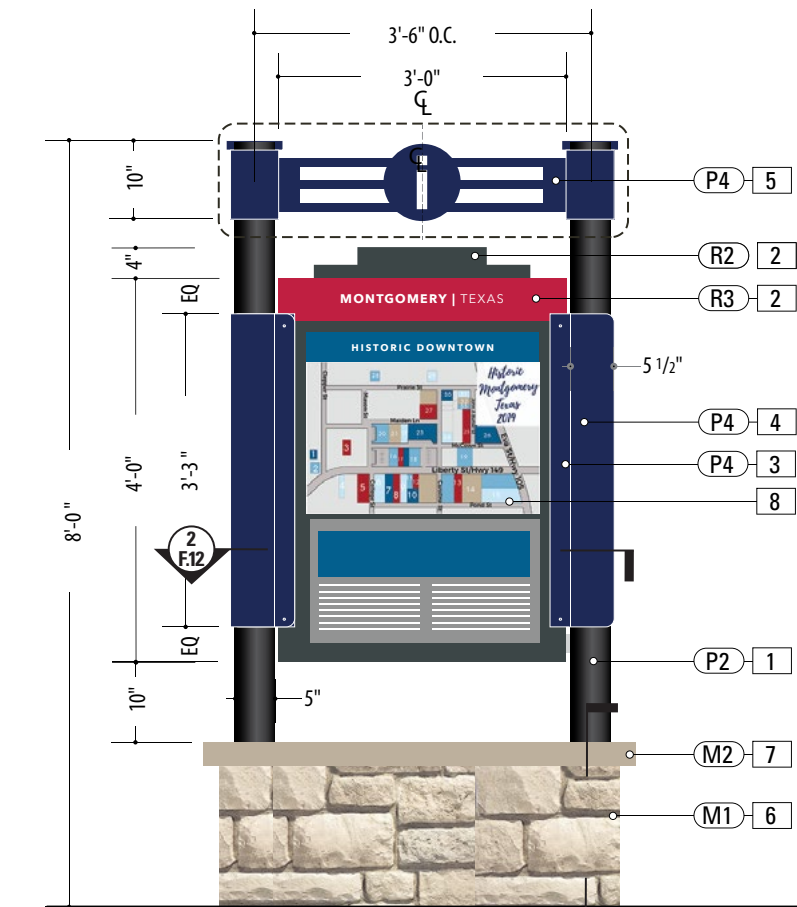
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe 5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		Montgomery, TX Wayfinding Program	
		PROJECT NO.	
SUBCONSULTANT		SHEET TITLE	
DATE	4/26/24	DRAWN BY:	KRD
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		REVISIONS	
		SHEET NO.	
		D.15	



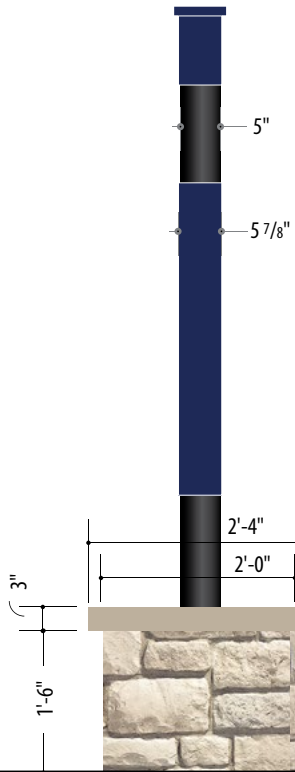
Plan View



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



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



Side View



Back View

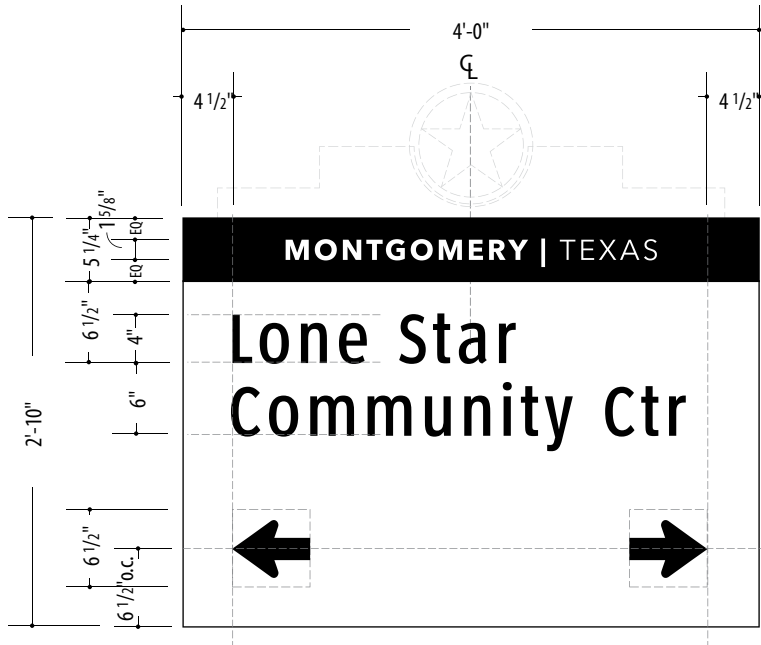
SPECIFICATIONS	SIGN TYPE: KIOSK.1	FUNCTION: Information Kiosk	Item 3.
1. SUPPORT POST MATERIAL: 5" Dia. Alum. tube, .5" wall FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FOOTER: Direct Bury post into concrete footer (Per Detail Dwg.)	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	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 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
3. MOUNTING 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. 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. 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	

- 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.

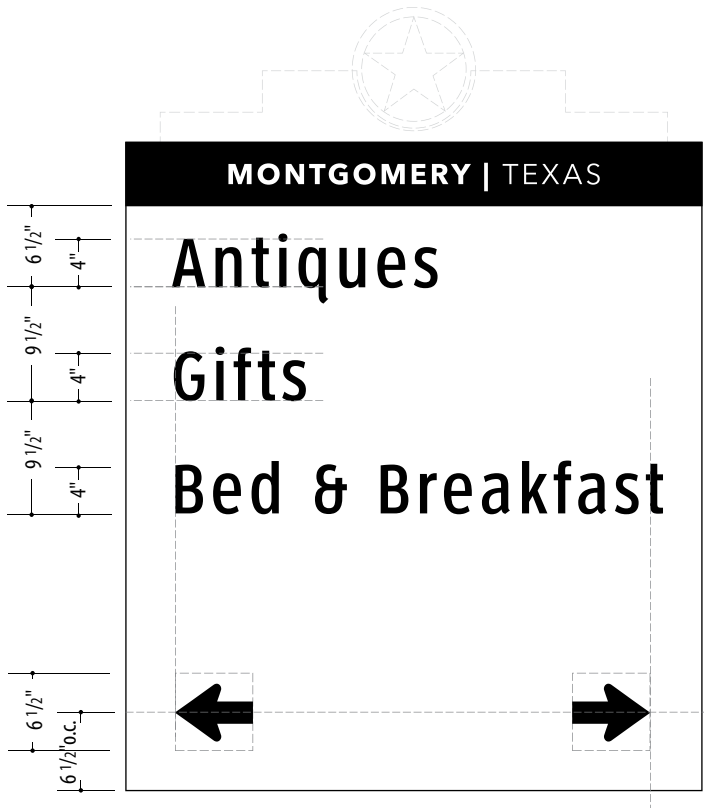
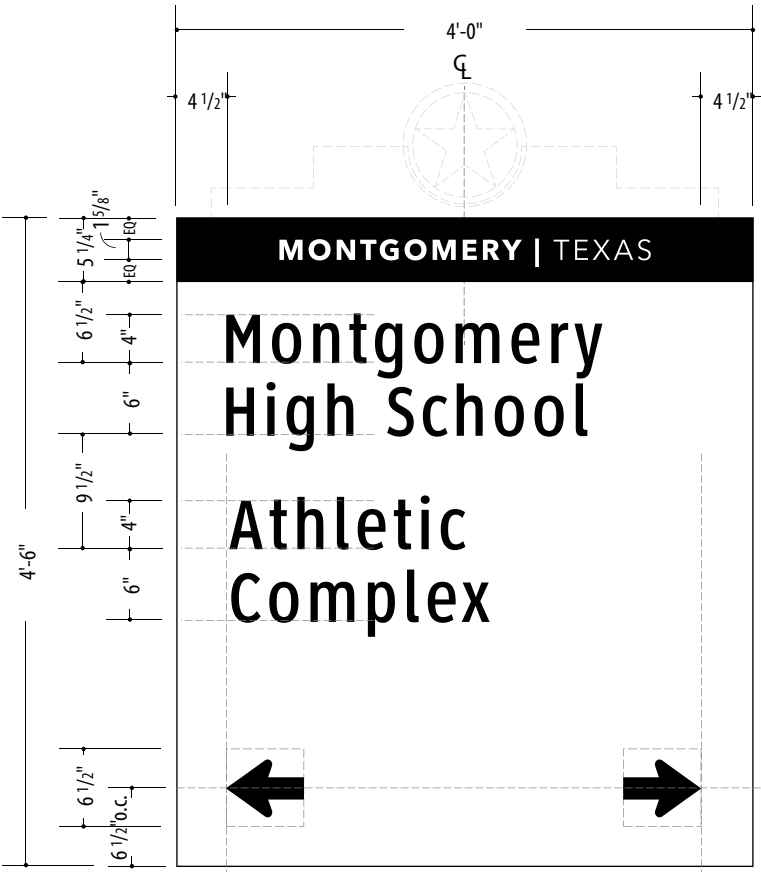
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		Montgomery, TX Wayfinding Program	
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.	
SUBCONSULTANT		SHEET TITLE	
DATE	4/26/24	DRAWN BY:	KRD
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		SHEET NO.	
		D.16	

E |

Graphic Layouts

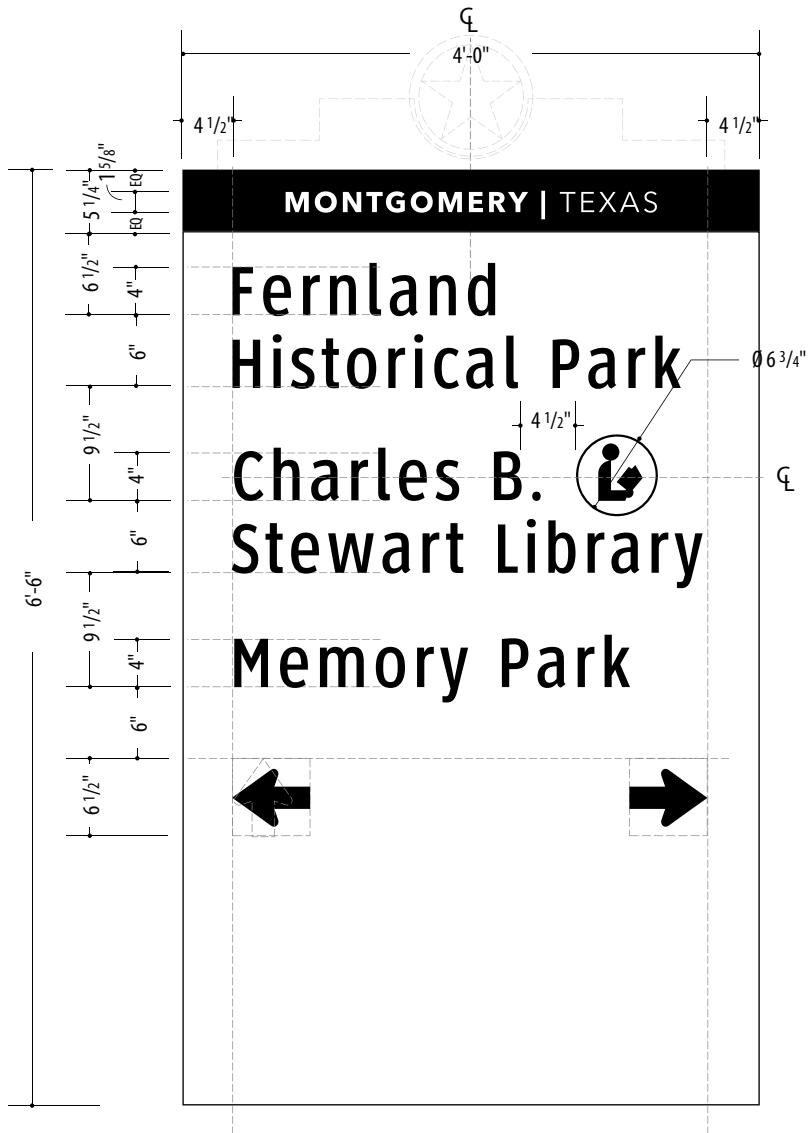


1 Layout: VDIR.1
SCALE: 3/4" = 1'-0"

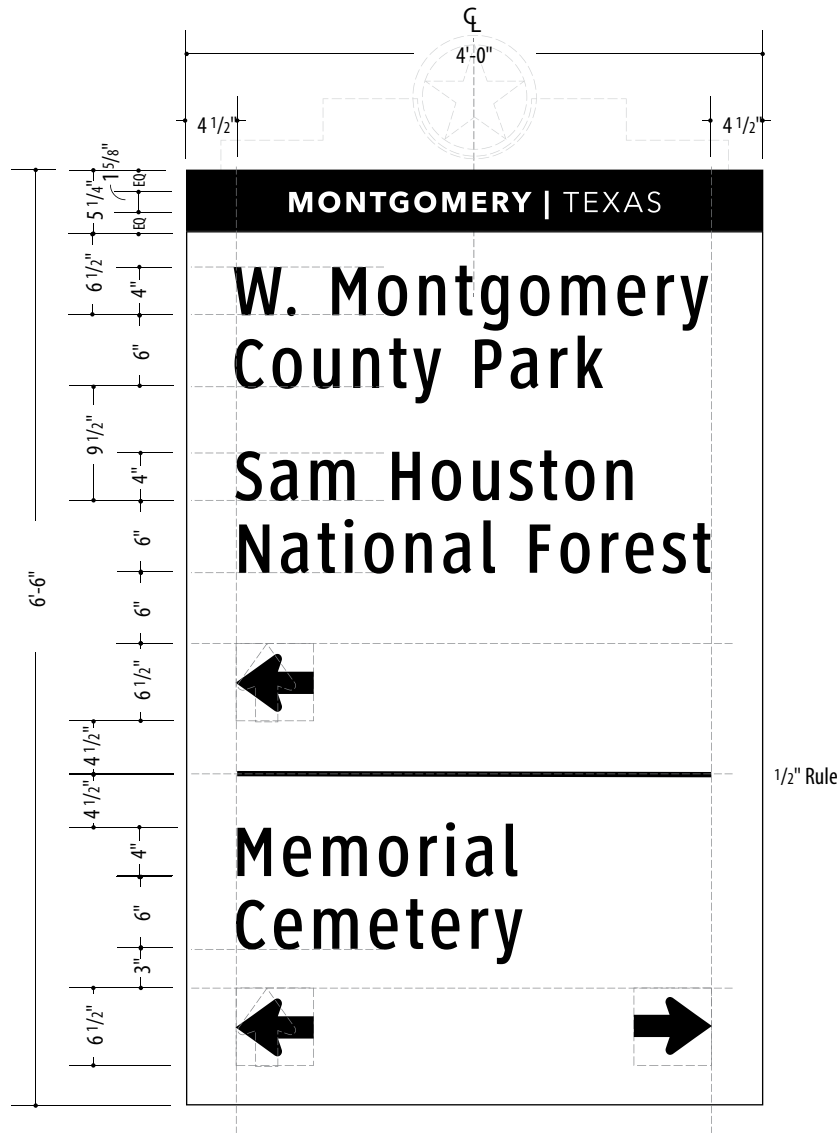


2 Layout: VDIR.2
SCALE: 3/4" = 1'-0"

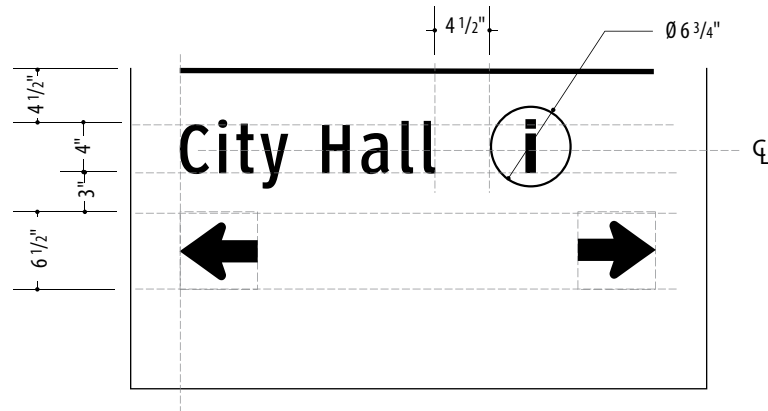
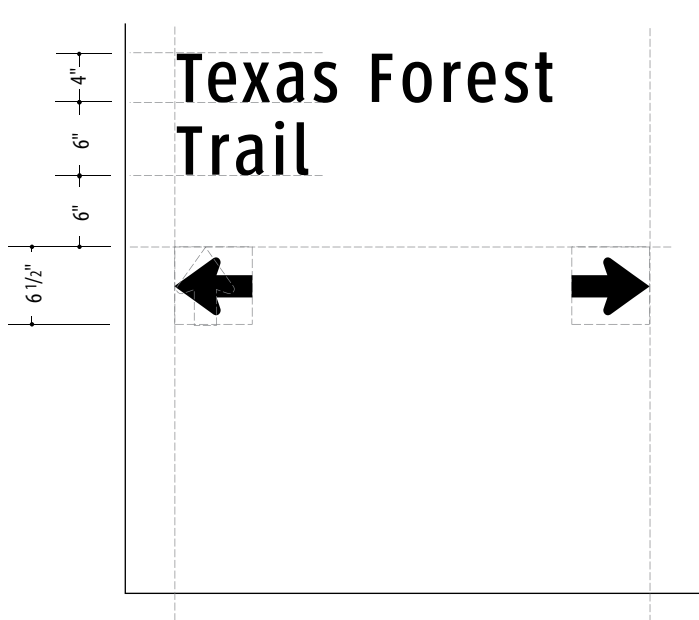
SPECIFICATIONS	
VDIR.1 VDIR.2	
NOTES: 1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication. 2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and 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 merJe 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 Graphic Layout
	SHEET NO. E.1



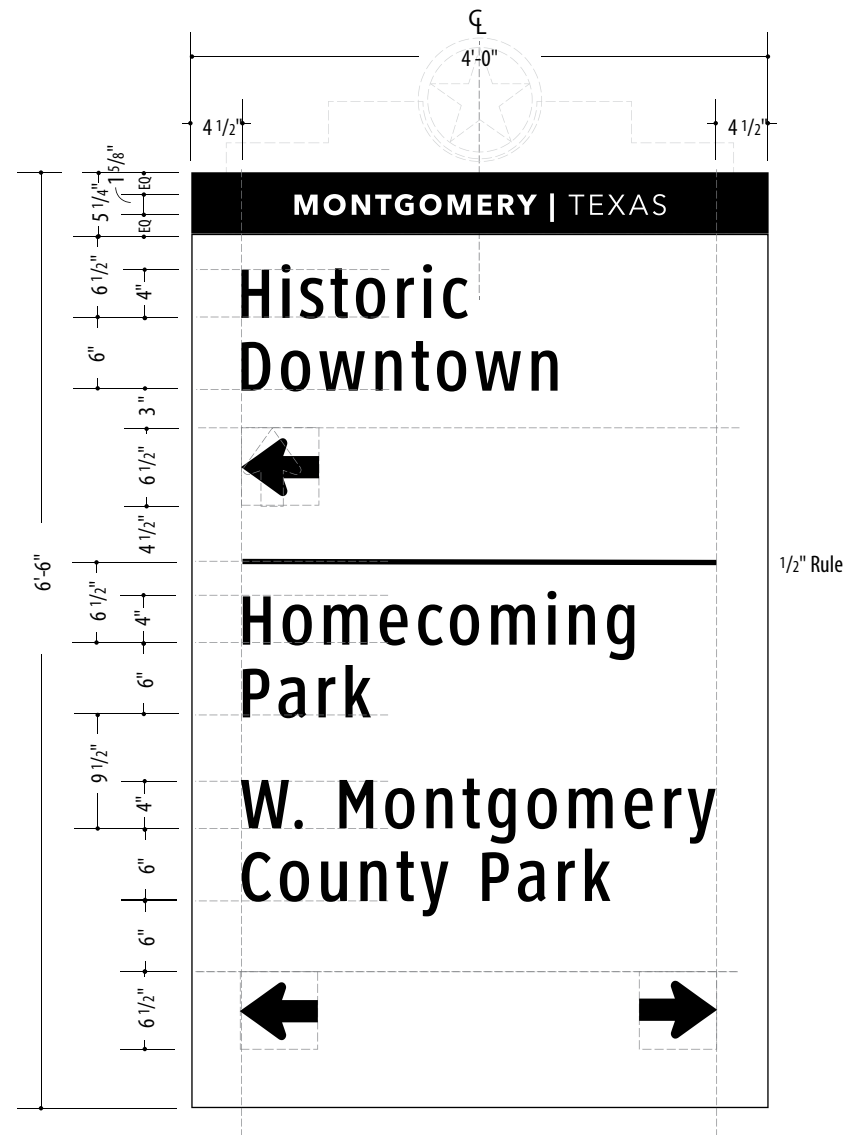
1 Layout: VDIR.3 / VDIR.3.TXDOT (3/0) Listing / 1 Direction
SCALE: 3/4" = 1'-0"



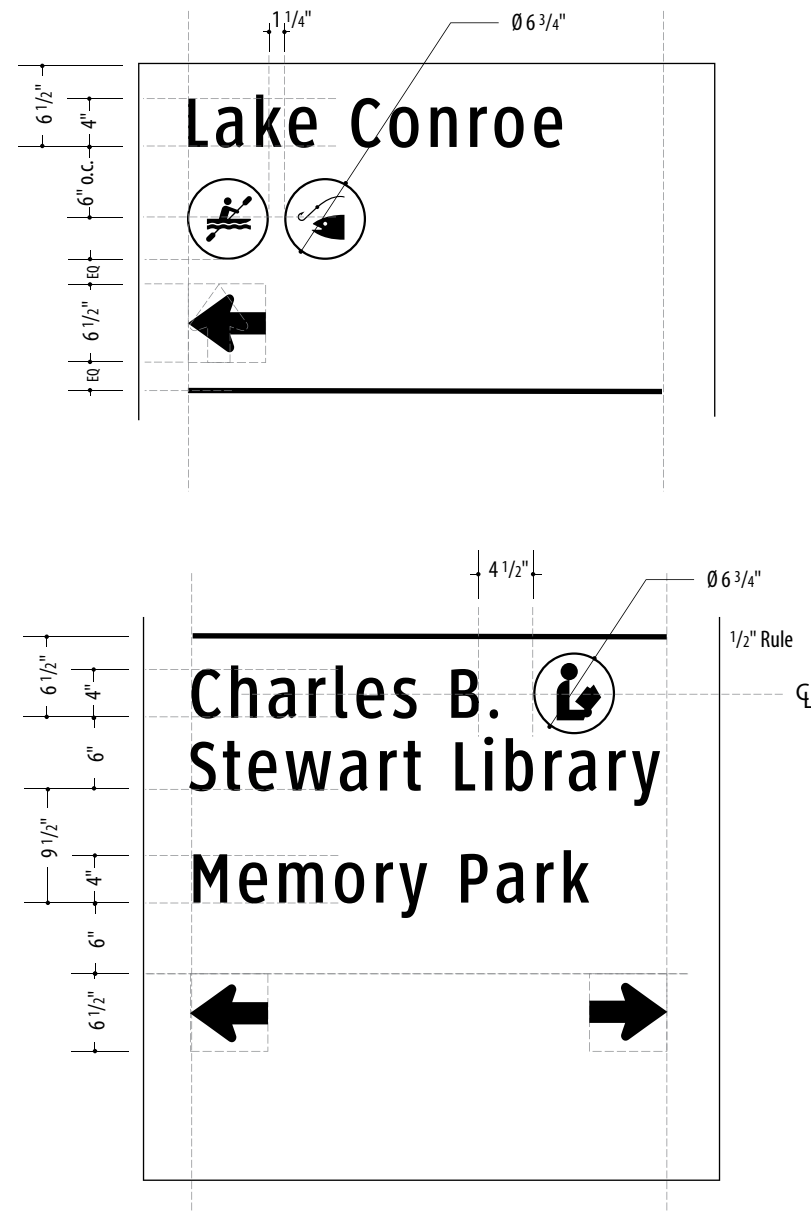
2 Layout: VDIR.3 (2/1 Listing - 2 Direction)
SCALE: 3/4" = 1'-0"



SPECIFICATIONS		Item 3.
VDIR.3 VDIR.3 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 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		
merJe		5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com
DATE 4/26/24	CLIENT / PROJECT	
DRAWN BY: KRD	Montgomery, TX Wayfinding Program	
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.	
	SHEET TITLE	
	Graphic Layout	
	SHEET NO.	
REVISIONS		



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



SPECIFICATIONS

Item 3.

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 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.

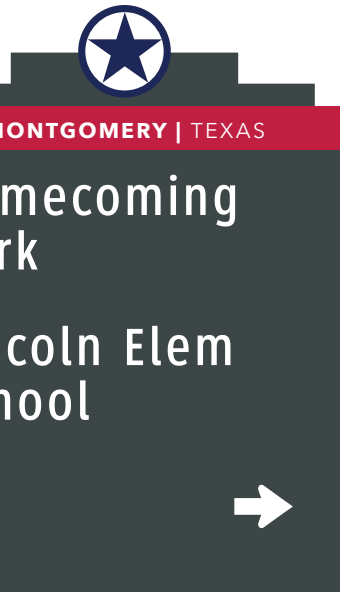
ENVIRONMENTS & EXPERIENCES

merJe

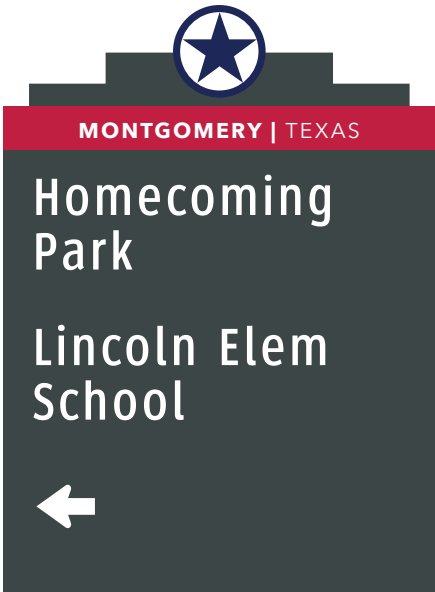
5 W. Gay Street
West Chester, PA 19380
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www.merjedesign.com

DATE	4/26/24	CLIENT / PROJECT
DRAWN BY:	KRD	
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REVISIONS		PROJECT NO.
		SHEET TITLE
		Graphic Layout
		SHEET NO.
		E.3

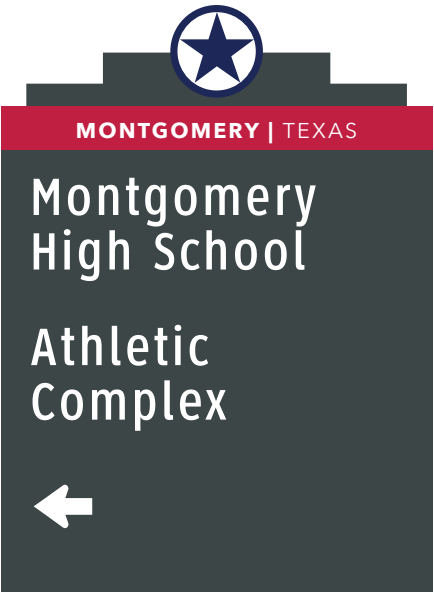
43



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

Item 3.

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 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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West Chester, PA 19380
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DATE	4/26/24	CLIENT / PROJECT
DRAWN BY:	KRD	
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REVISIONS		PROJECT NO.
		SHEET TITLE
		Graphic Layout
		SHEET NO.
		E.4

VDIR.3
VDIR.3 TXDOT

- NOTES:
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 3. Hardware: All exposed hardware shall be tamper proof fasteners.
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REVISIONS		SHEET TITLE
		SHEET NO.
		SHEET NO.

Montgomery, TX Wayfinding Program
Graphic Layout
E.5
45



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

VDIR.3
VDIR.3 TXDOT

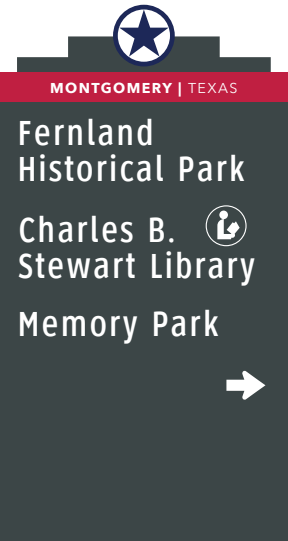
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ENVIRONMENTS & EXPERIENCES

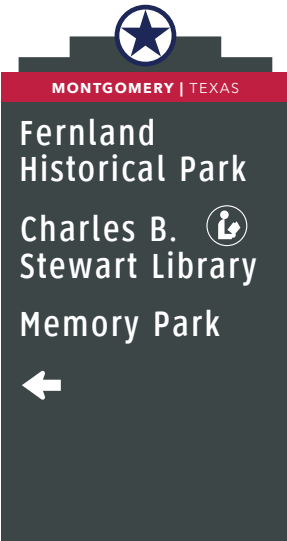
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REVISIONS		PROJECT NO.
		SHEET TITLE
		Graphic Layout
		SHEET NO.
		E.6
		46



119



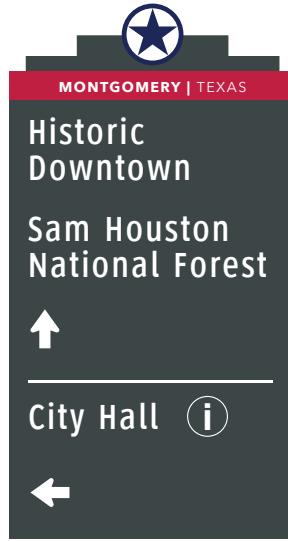
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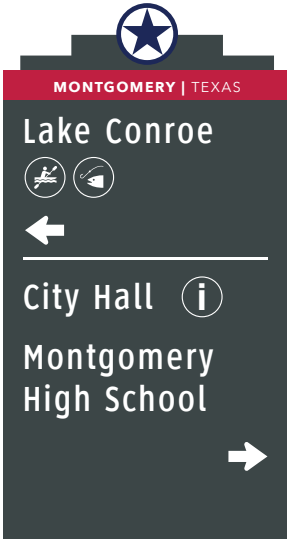
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122



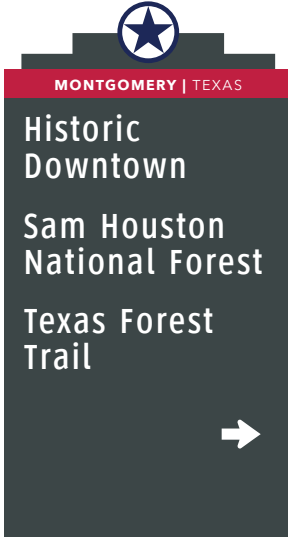
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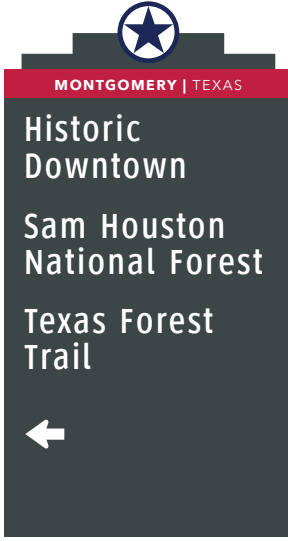
128



139



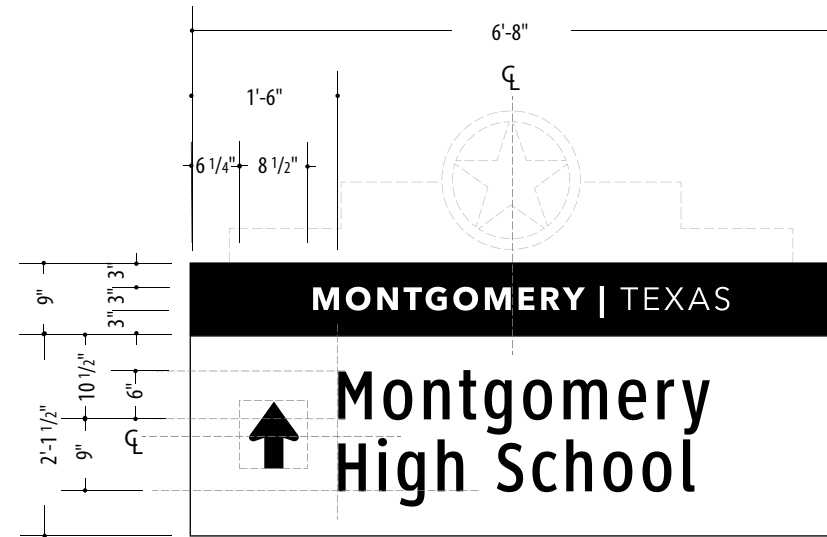
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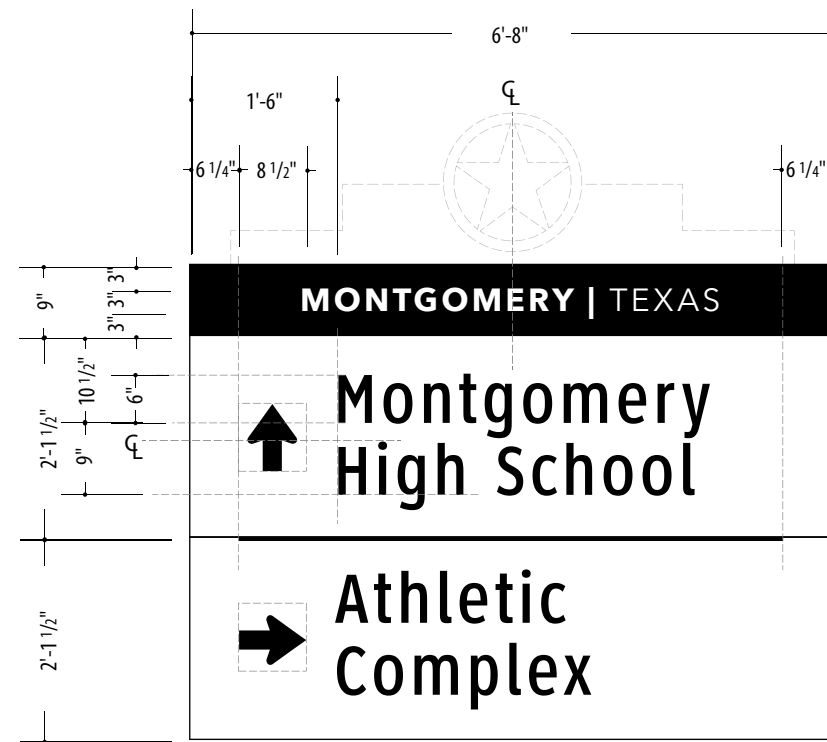
126

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

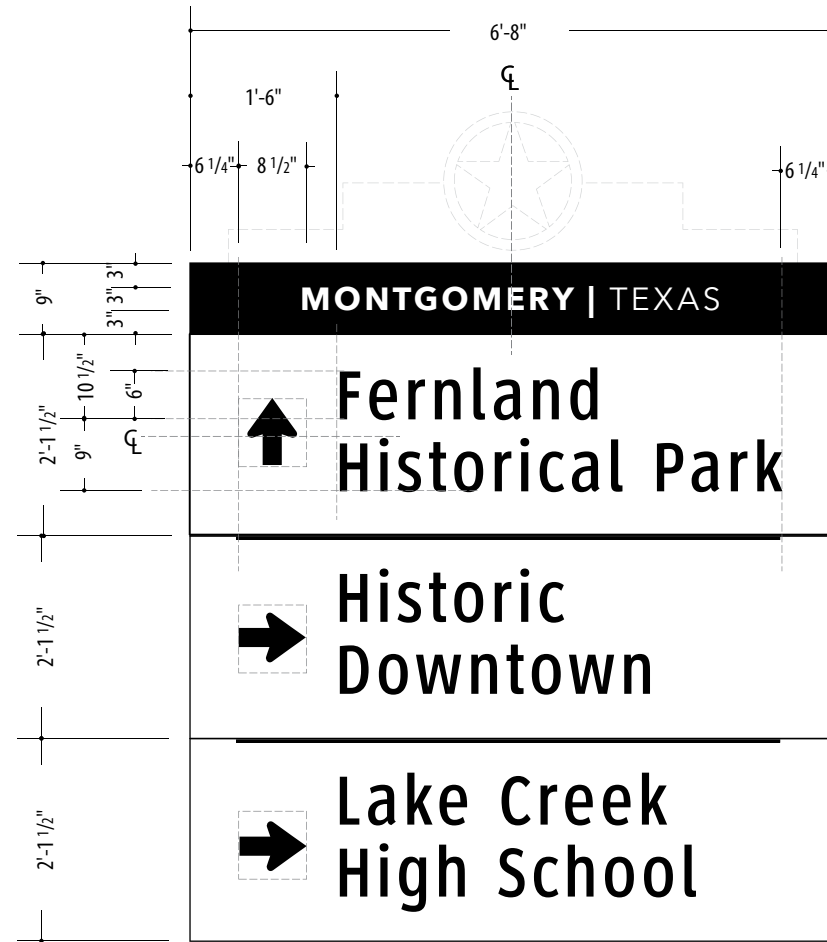
3 Graphic Layouts: VDIR.3.TXDOT
SCALE: 1/2" = 1'-0"



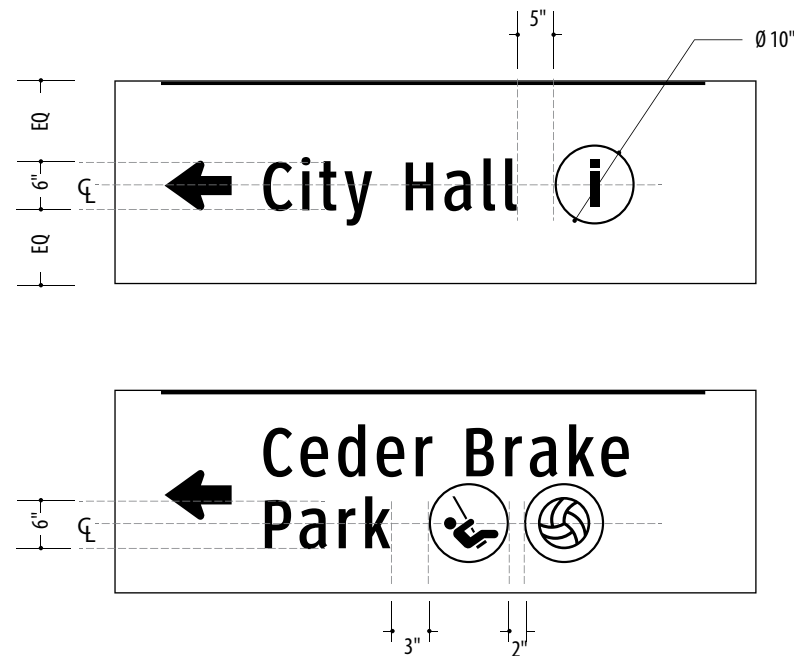
1 Layout: VDIR.4
SCALE: 1/2" = 1'-0"



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



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



Rule: 3/8" thk.

SPECIFICATIONS

Item 3.

VDIR.4
VDIR.5
VDIR.6

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ENVIRONMENTS & EXPERIENCES

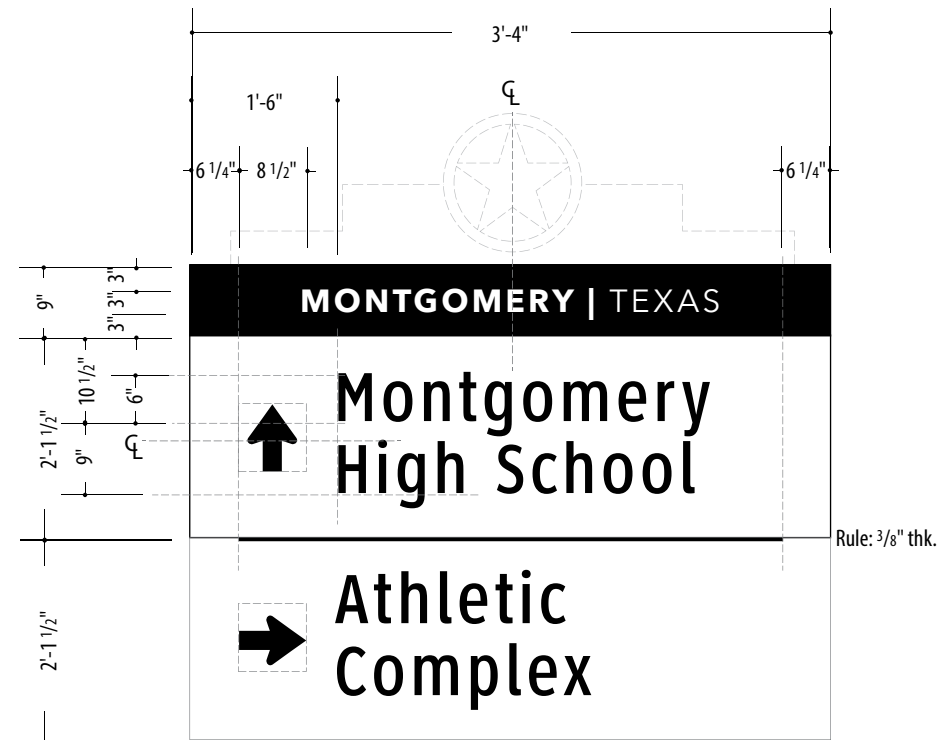
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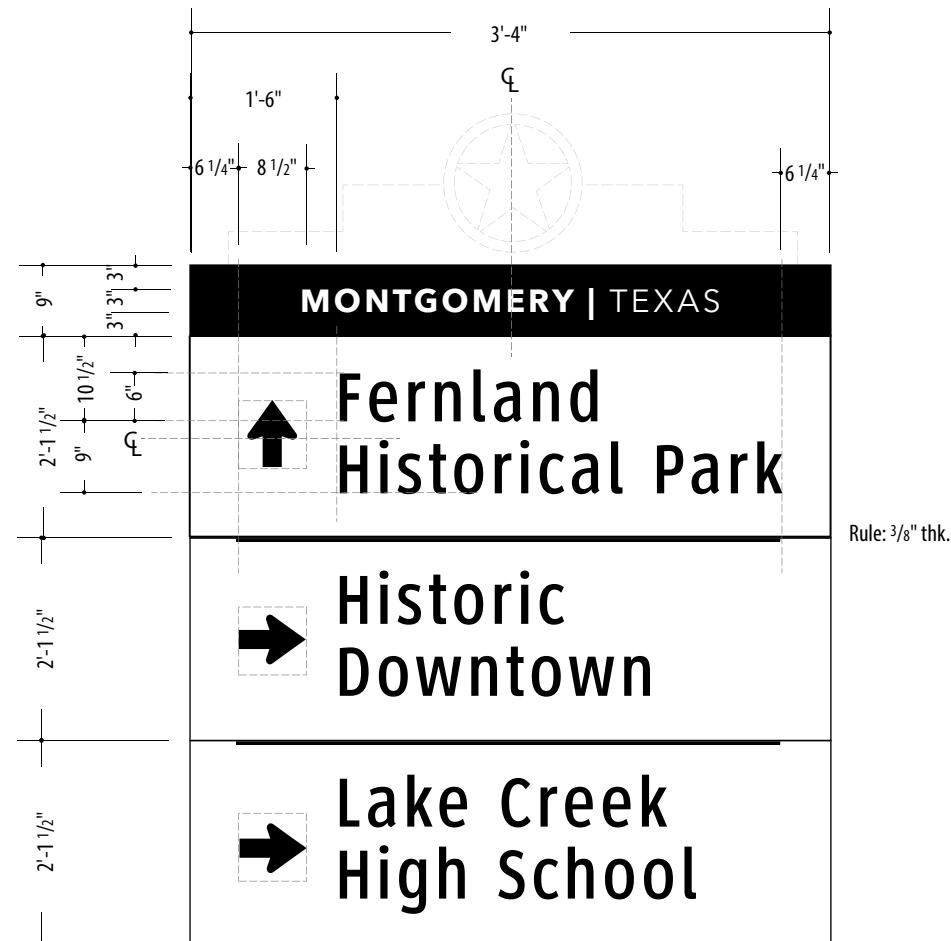
DATE	4/26/24	CLIENT / PROJECT
DRAWN BY:	KRD	
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REVISIONS		
		SHEET TITLE
		SHEET NO.

E.7

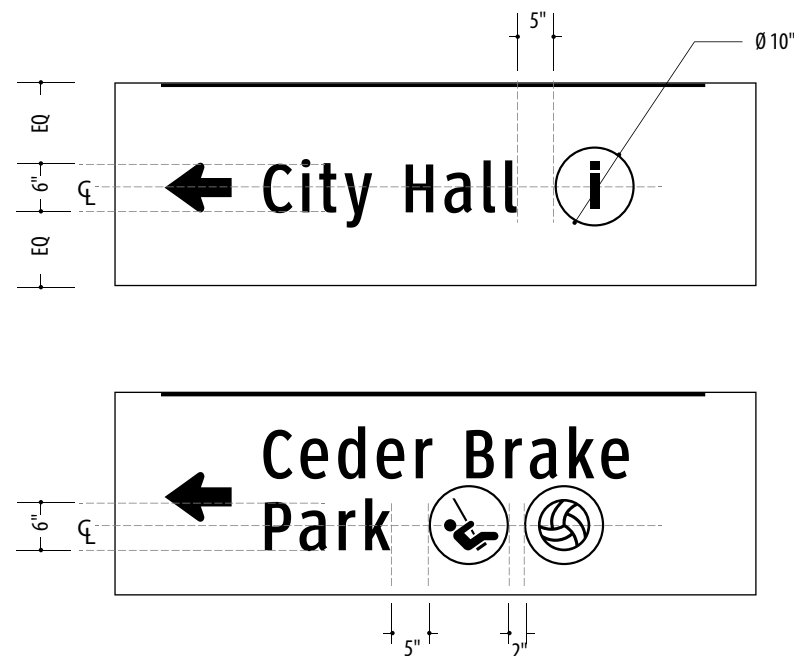
47



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



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



SPECIFICATIONS

Item 3.

VDIR.5 TXDOT
VDIR.6 TXDOT

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REVISIONS		PROJECT NO.
		SHEET TITLE
		Graphic Layout
		SHEET NO.
		E.8



100
(TXDOT)



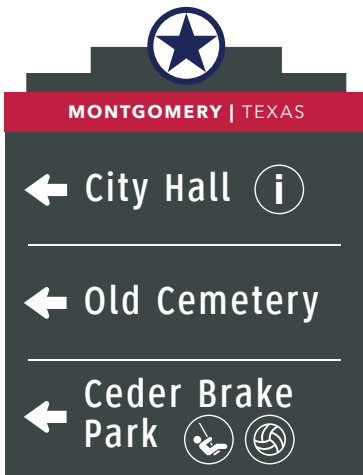
101
(TXDOT)



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"

SPECIFICATIONS

Item 3.

VDIR.6
VDIR.6 TXDOT

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SHEET NO.

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

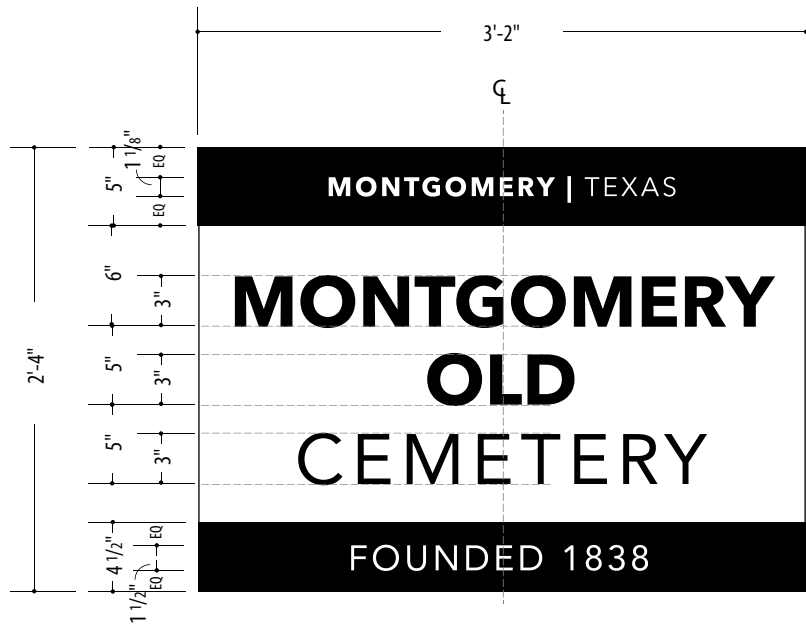
SHEET TITLE

Graphic Layout

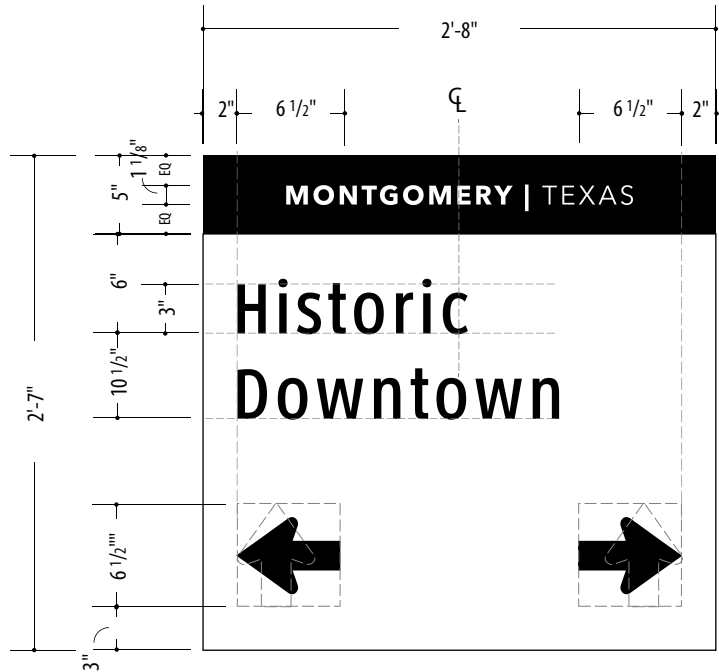
E.9



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

Item 3.

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

- NOTES:
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REVISIONS		SHEET TITLE
		Graphic Layout
		SHEET NO.
		E.10

SPECIFICATIONS

PARK.ID.1
PARK.ID.2

NOTES:

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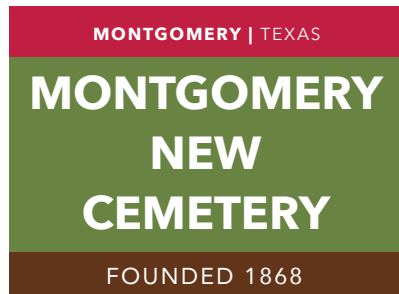
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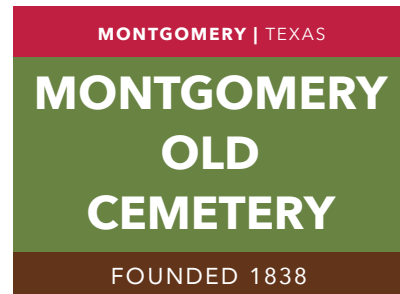
	SHEET NO.
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E.11

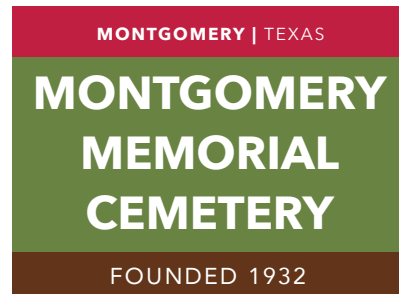
51



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)

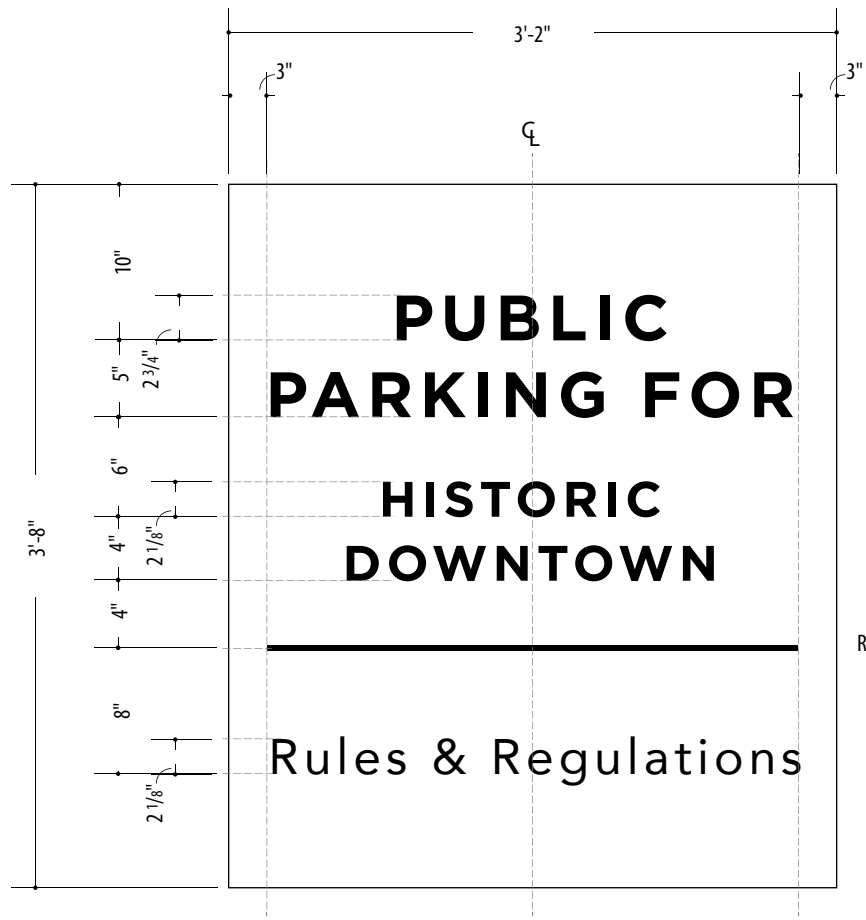


907
(Side A / Side B)

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

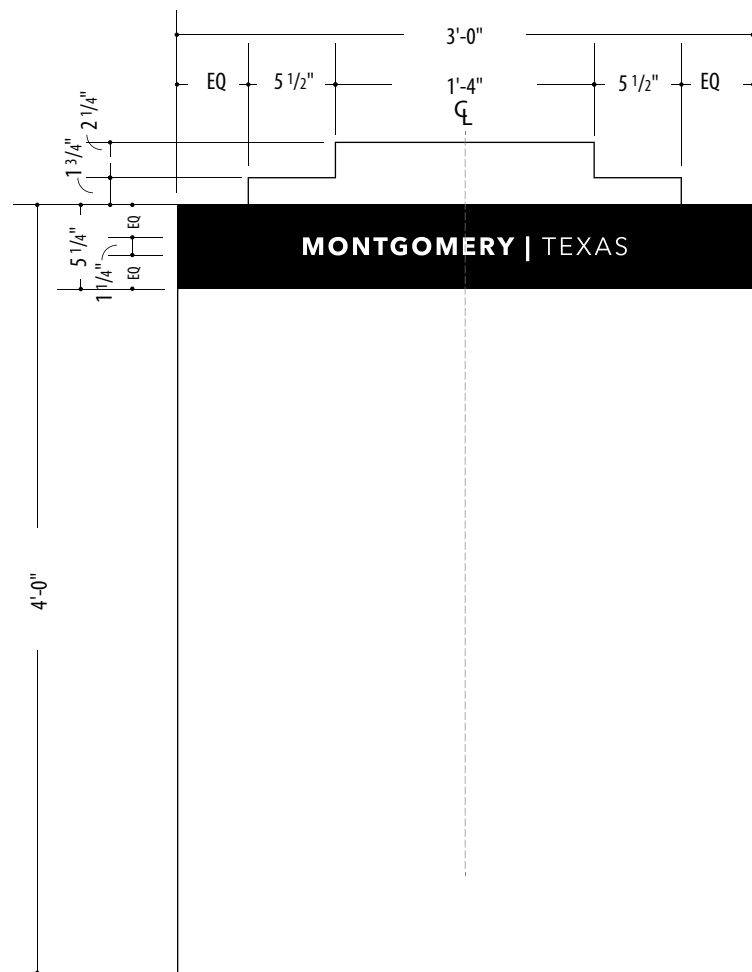
MONTGOMERY TEXAS Fernland Historical Park ← 123 MONTGOMERY TEXAS Fernland Historical Park → 124 MONTGOMERY TEXAS Historic Downtown → 138 MONTGOMERY TEXAS Homecoming Park → 143 1 Graphic Layouts: RES.1 SCALE: 1" = 1'-0"	SPECIFICATIONS Item 3. RES.1	
	NOTES: 1. Fabricator to verify the mounting conditions 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	
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52



Rule: 3/8" thk.

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



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

SPECIFICATIONS

Item 3.

PARK.2

KIOSK.1

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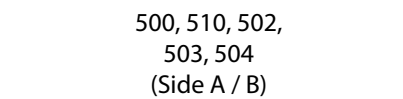
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REVISIONS		PROJECT NO.
		SHEET TITLE
		Graphic Layout
		SHEET NO.
		E.13



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

SPECIFICATIONS

tem 3.

PARK.2

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CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

Graphic Layout

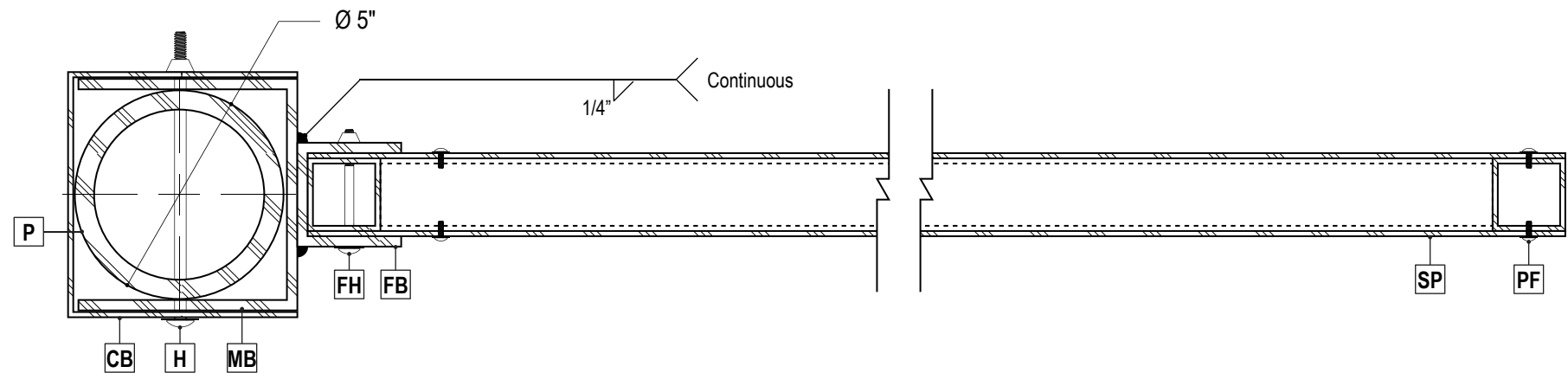
SHEET NO.

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-Resistent 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

Item 3.

Construction Details

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

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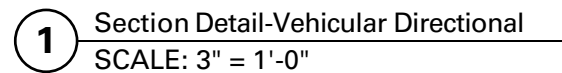
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REVISIONS	SHEET TITLE Construction Details Vehicular Directional
	SHEET NO.

F.1



- | | |
|-----------|--|
| SP | Sign Panel - 1/4" Thick Aluminum |
| P | Post - 1/2" Thick Aluminum Extrusion |
| MB | Mounting Bracket - 1/4" Thick Aluminum L Brackets - 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 |

Sign Types:
PARK.ID.2

ENVIRONMENTS & EXPERIENCES

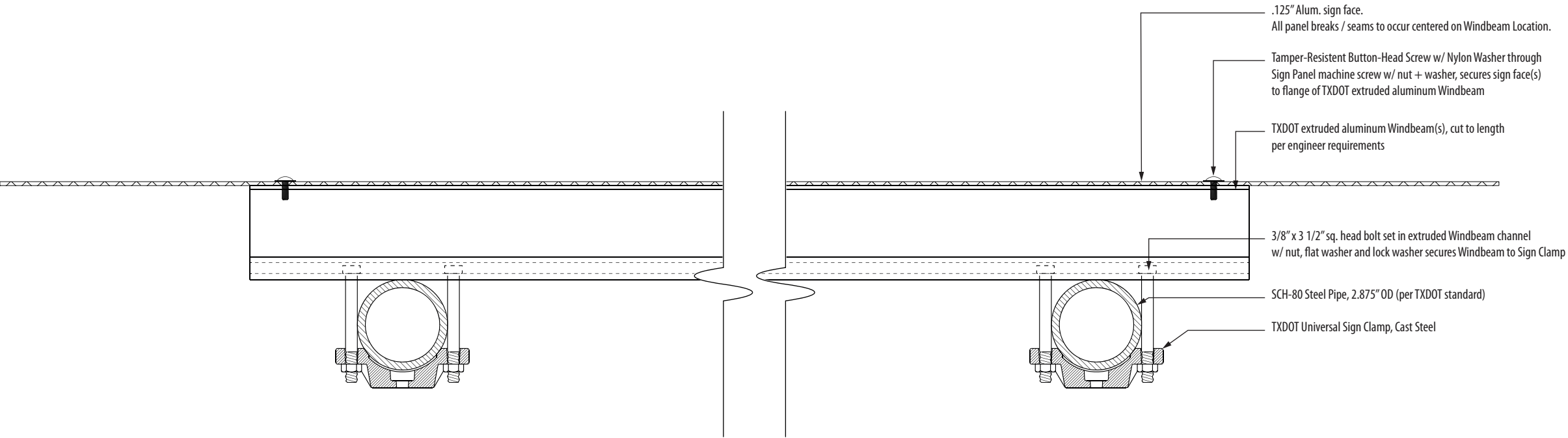
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DRAWN BY:	KRD	
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REVISIONS		PROJECT NO.
		SHEET TITLE
		Construction Details Vehicular Directional
		SHEET NO.
		F.2

1

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



SPECIFICATIONS

Item 3.

Construction Details

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

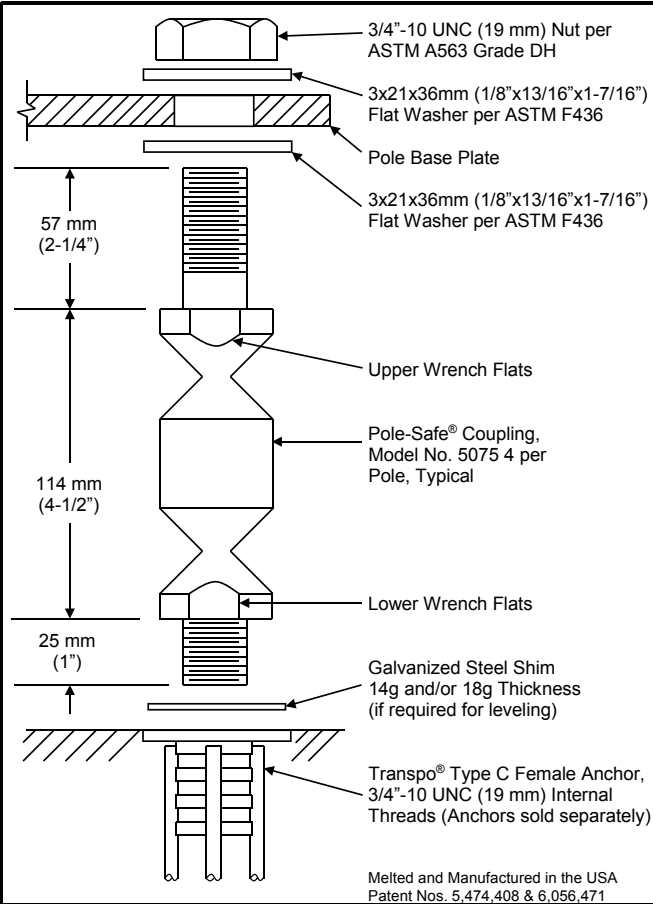
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DATE	4/26/24	CLIENT / PROJECT
DRAWN BY:	KRD	Montgomery, TX Wayfinding Program
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor 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.
		SHEET TITLE
		Construction Details Vehicular Directional TXDOT
		SHEET NO.
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.

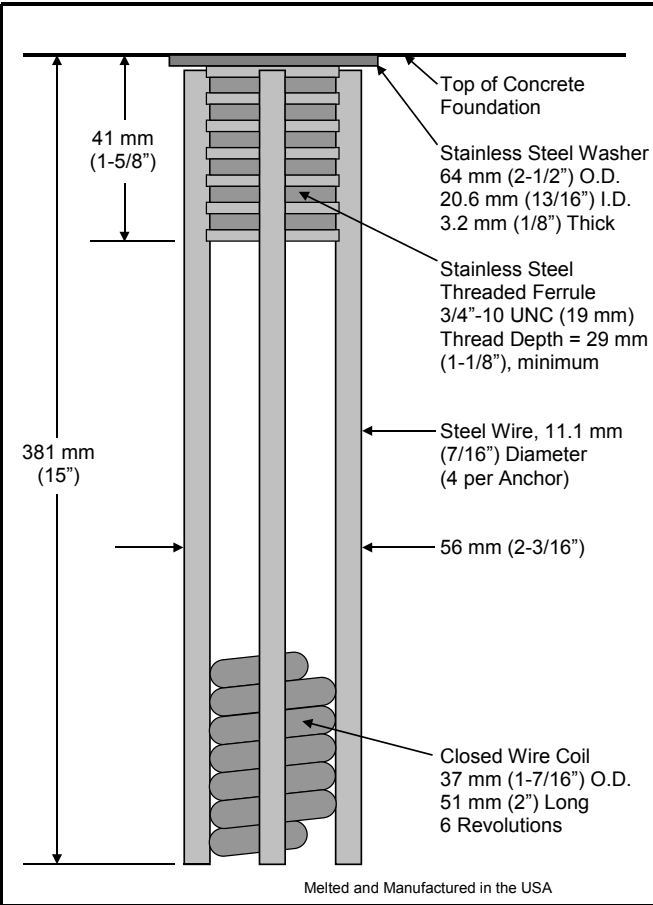
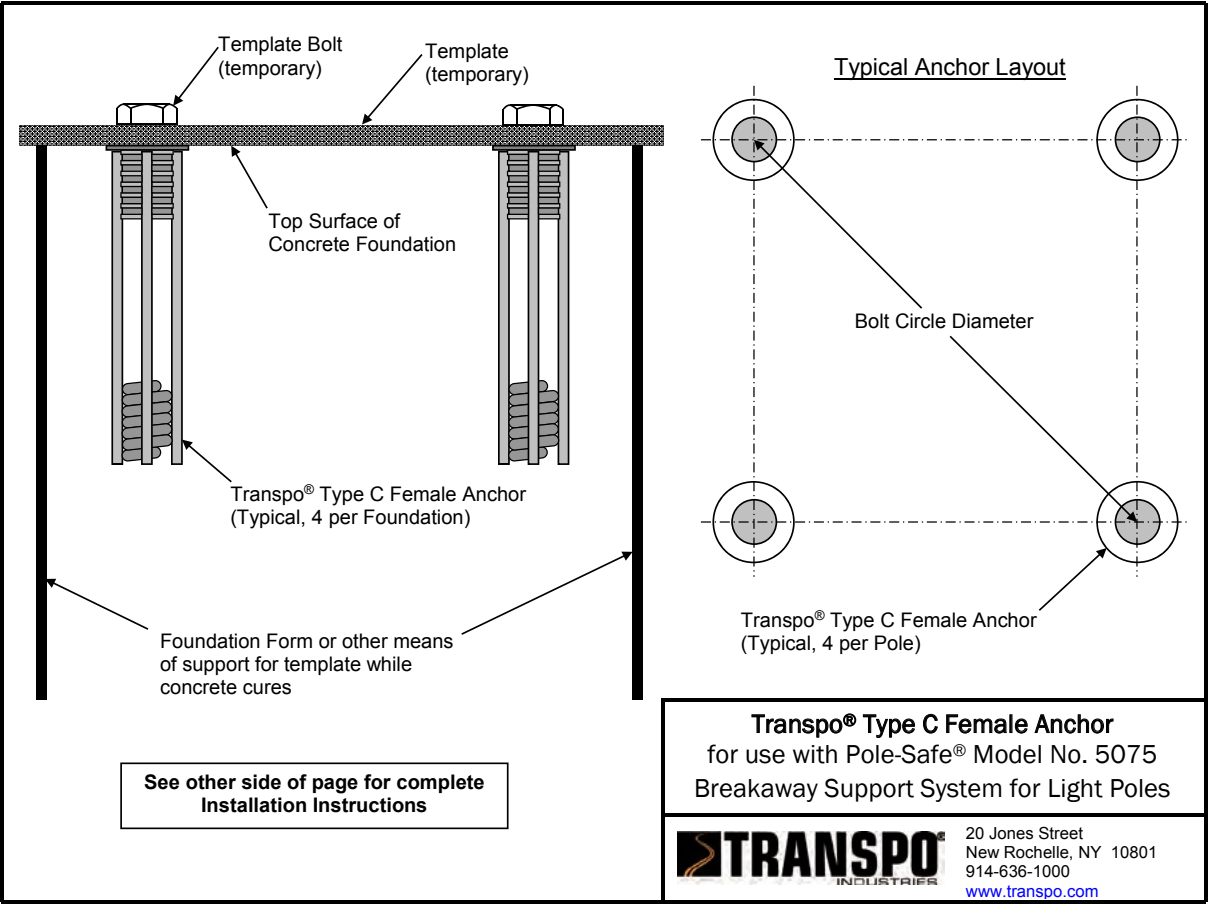
Corrosion Protection:

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



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



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



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

SPECIFICATIONS

Item 3.

Construction Details

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

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

merJe

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

DATE
4/26/24

DRAWN BY:
KRD

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REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

**Transpo PoleSafe
Product Details**

SHEET NO.

F.4

SPECIFICATIONS

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

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

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

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

FINAL DESIGNS AND SHOP DRAWINGS SHALL BE SUPPLIED BY THE FABRICATOR FOR EACH OF THE BREAK-AWAY POLES IDENTIFIED AND AN 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)

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ENVIRONMENTS & EXPERIENCES

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REVISIONS

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

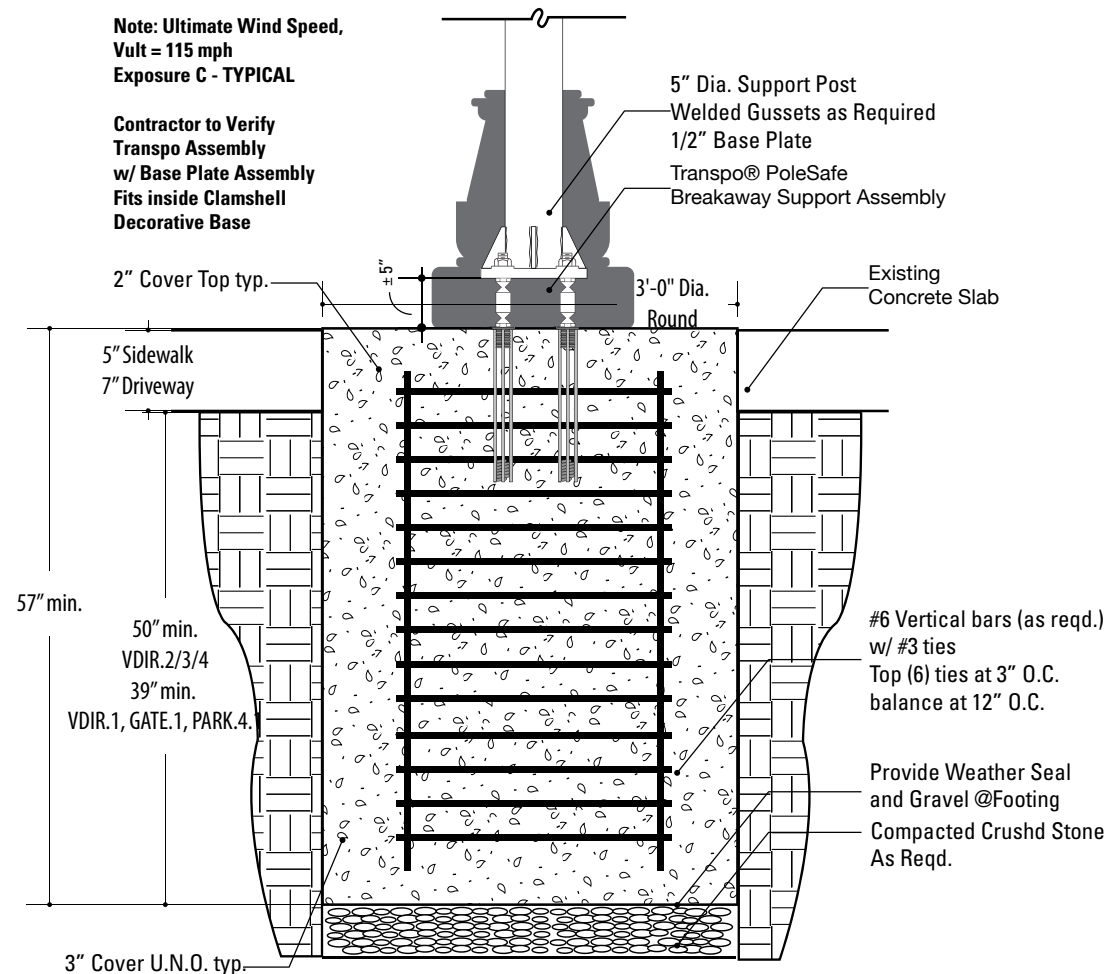
**Transpo PoleSafe
Foundation Details**

SHEET NO.

F.5

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

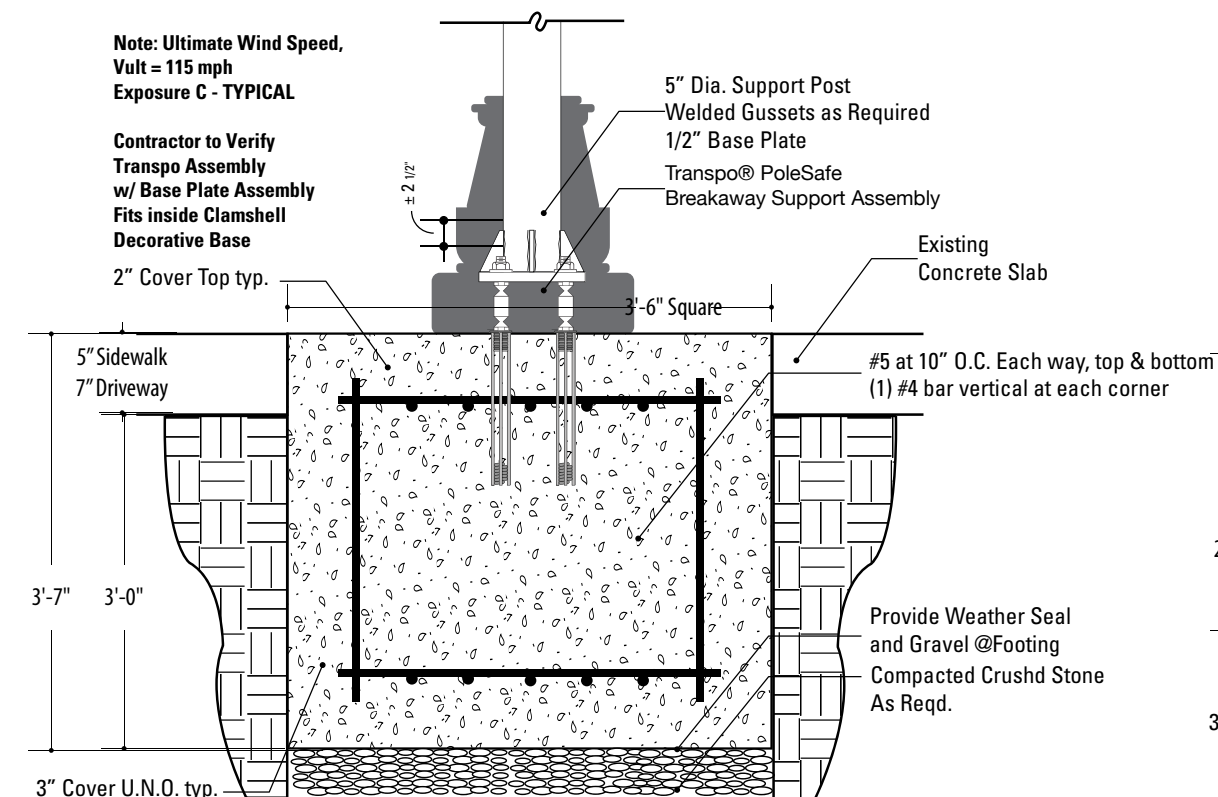
Contractor to Verify
Transpo Assembly
w/ Base Plate Assembly
Fits inside Clamshell
Decorative Base



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

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

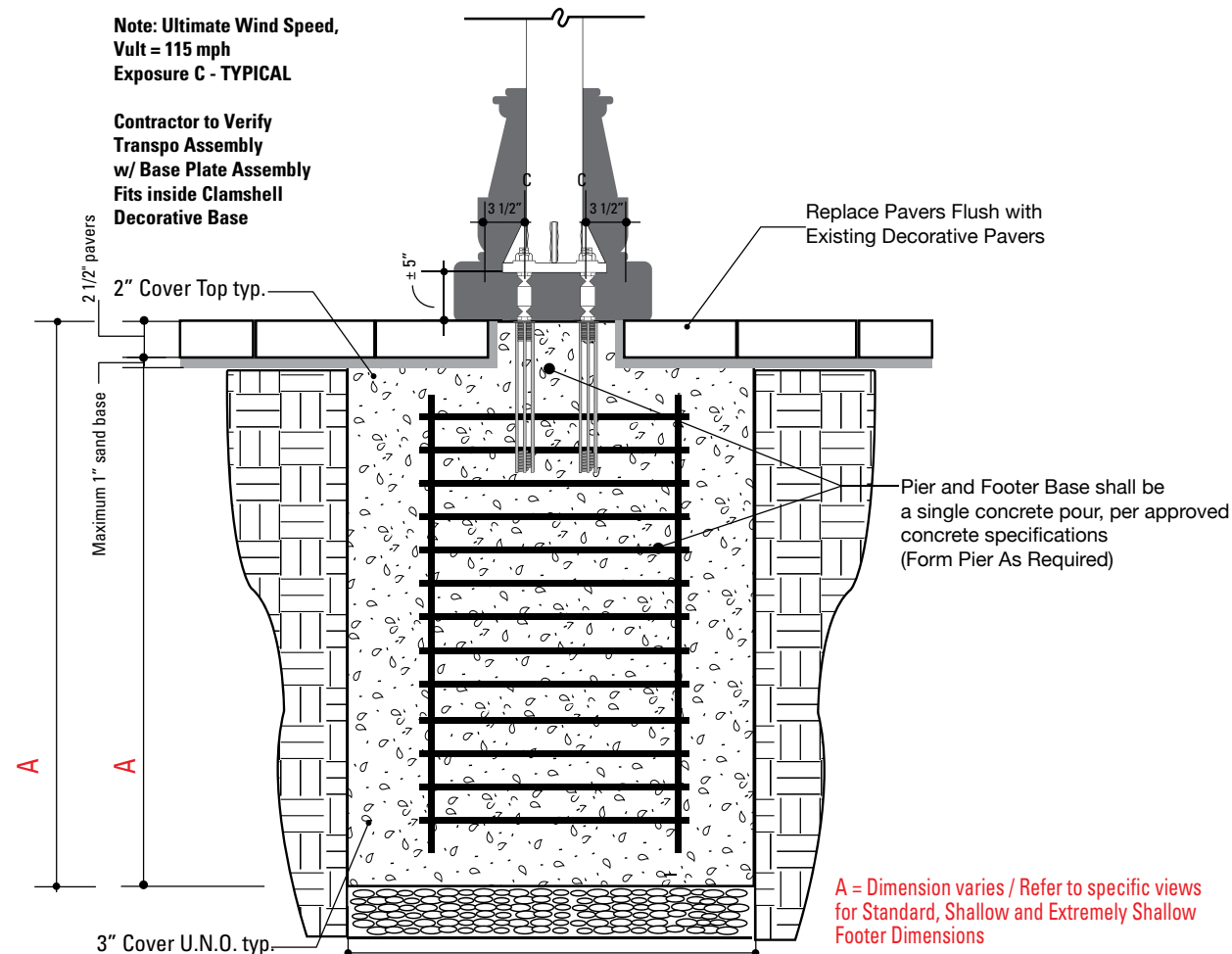
Contractor to Verify
Transpo Assembly
w/ Base Plate Assembly
Fits inside Clamshell
Decorative Base



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

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

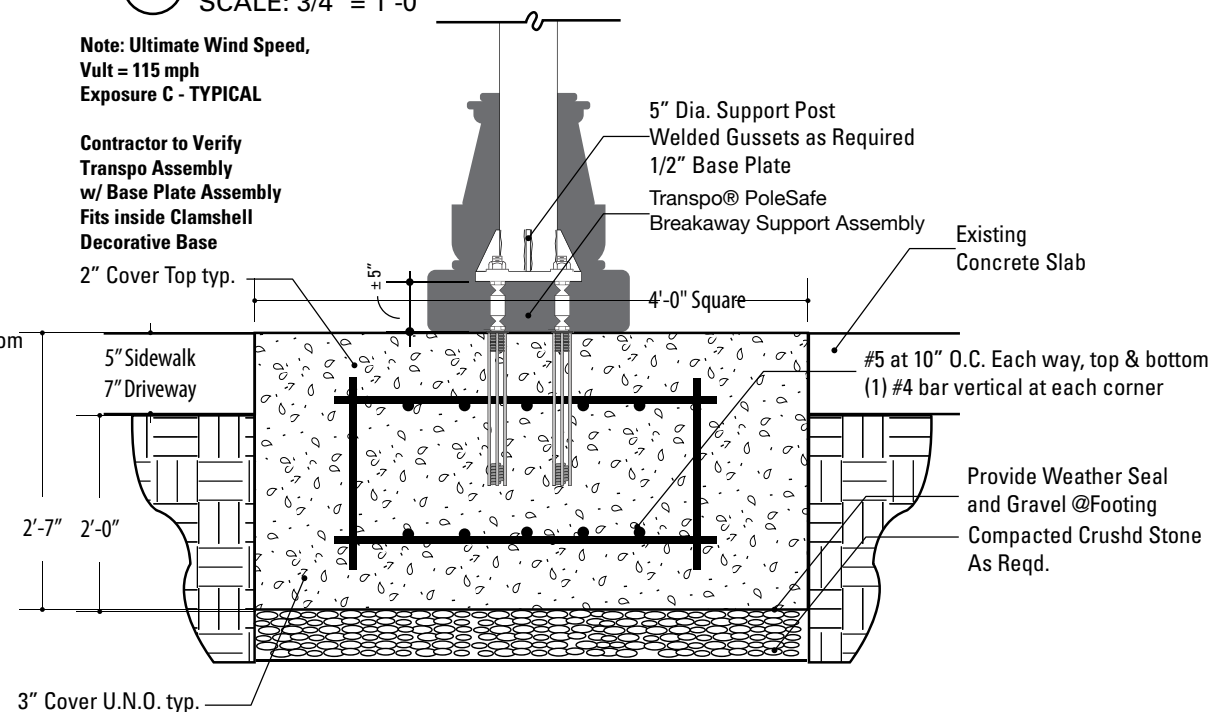
Contractor to Verify
Transpo Assembly
w/ Base Plate Assembly
Fits inside Clamshell
Decorative Base



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

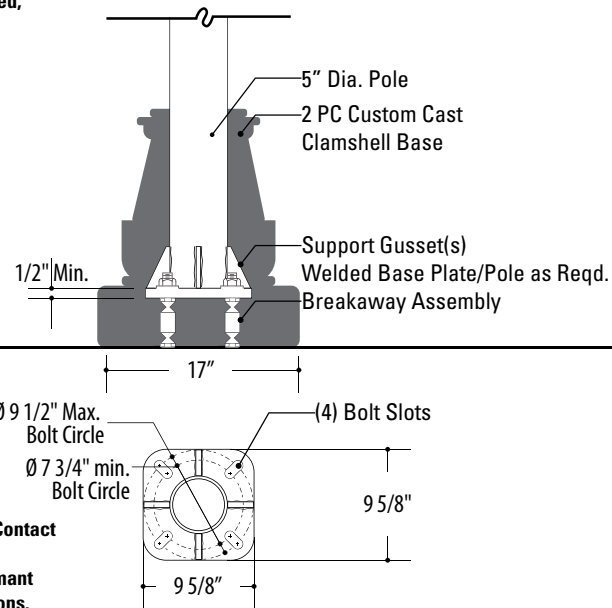
Note: Ultimate Wind Speed,
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Exposure C - TYPICAL

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



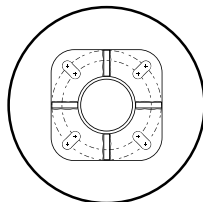
4 Section View: Foundation - Extremely Shallow Depth
SCALE: 3/4" = 1'-0"

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



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

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



Item 3

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REINFORCEMENT SHALL BE ASTM 36 FY=60,000
PSI**

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ENVIRONMENTS & EXPERIENCES

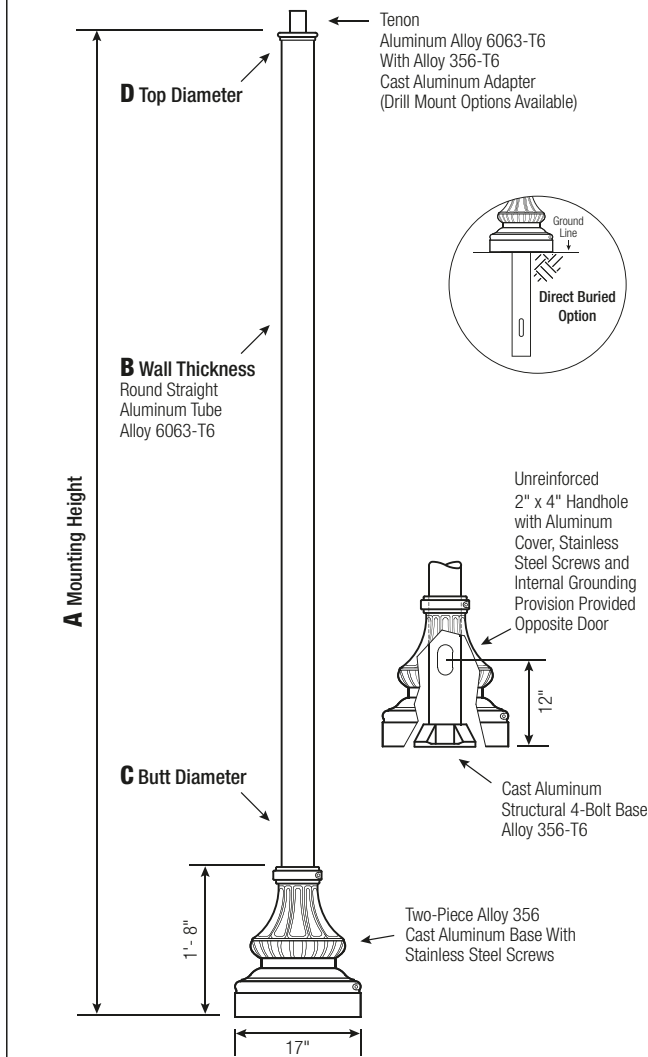
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		PROJECT NO.	
		SHEET TITLE	
		Transpo PoleSafe Baseplate Details	
REVISIONS			
		SHEET NO.	

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 Mtg. Hgt.	B WALL THICKNESS	C BUTT DIA.	TOTAL LUM. WEIGHT	90	100	MAXIMUM 110	EPA 120	130	140	CATALOG NUMBER*
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-**
	0.188	5	100	29.3	23.5	18.9	15.6	13.1	11.2	A7C10D5-4-SR-**
12	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-**
	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-**
14	0.125	4	70	6.6	4.9	3.6	2.6	1.9	1.3	A7C14B4-4-SR-**
	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-**
16	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-**
	0.188	5	100	15.3	12.0	9.0	7.1	5.9	4.9	A7C16D5-4-SR-**
18	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-**
	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-**
20	0.125	4	40	2.3	1.2	-	-	-	-	A7C20B4-4-SR-**
	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-**
	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-**
25	0.188	4	55	1.4	-	-	-	-	-	A7C25D4-4-SR-**
	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-**
	0.250	5	65	7.9	5.8	3.5	2.2	1.6	1.3	A7C25F5-4-SR-**
30	0.188	5	80	0.9	-	-	-	-	-	A7C30D5-4-SR-**
	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:	QUANTITY:
CUSTOMER NAME:	
PROJECT:	LOCATION:
NOTES:	

Catalog Number System

The catalog number for Hapco poles utilizes the following identification 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
B = .125"
D = .188"
F = .250"

Butt Dia.
4 = 4"
5 = 5"

Anchorage
4 = 4-Bolt Base
E = Direct Buried

Shaft Style
SR = Straight Round

Powder Coat Finish
BA - Black Powder Coat
BH - White Powder Coat
BM - Dark Bronze Powder Coat

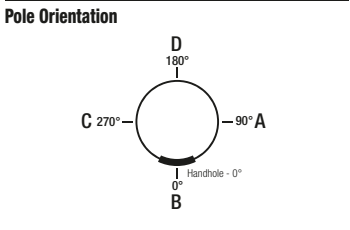
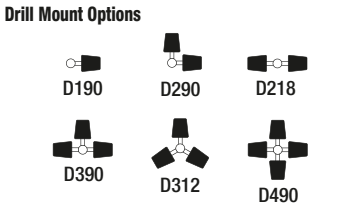
BV - Dark Green Powder Coat
GC - Gray Powder Coat
SC - Special Colors*

* Provide RAL # 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.



SPECIFICATIONS

Item 3.

Construction Details

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

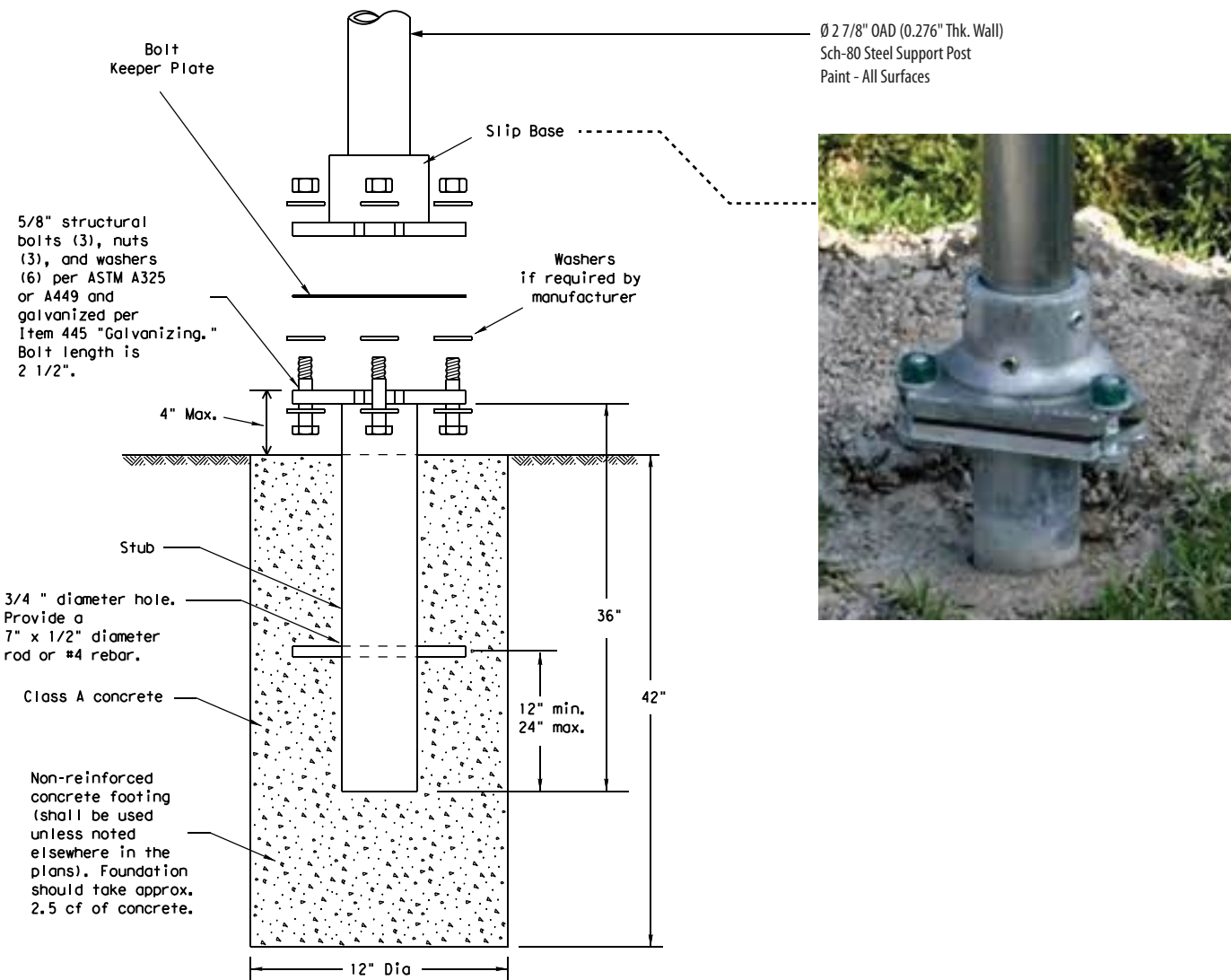
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ENVIRONMENTS & EXPERIENCES

merJe

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

SPECIFICATIONS

Item 3.

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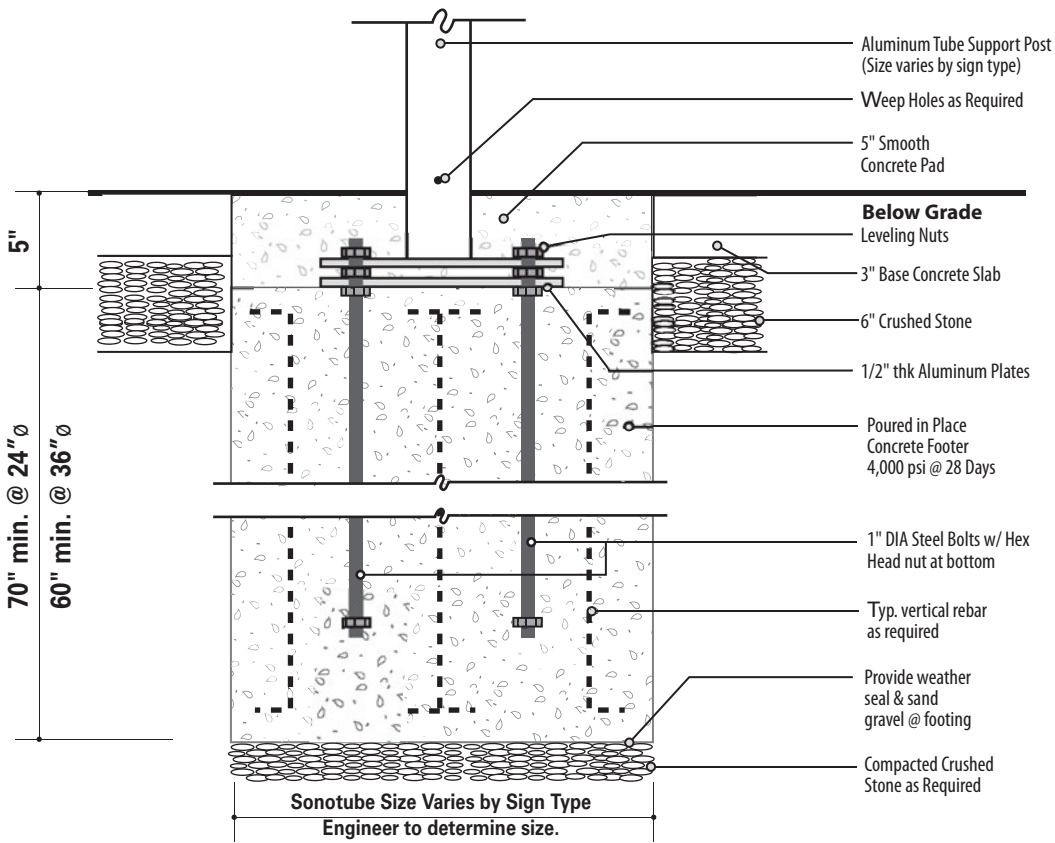
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ENVIRONMENTS & EXPERIENCES

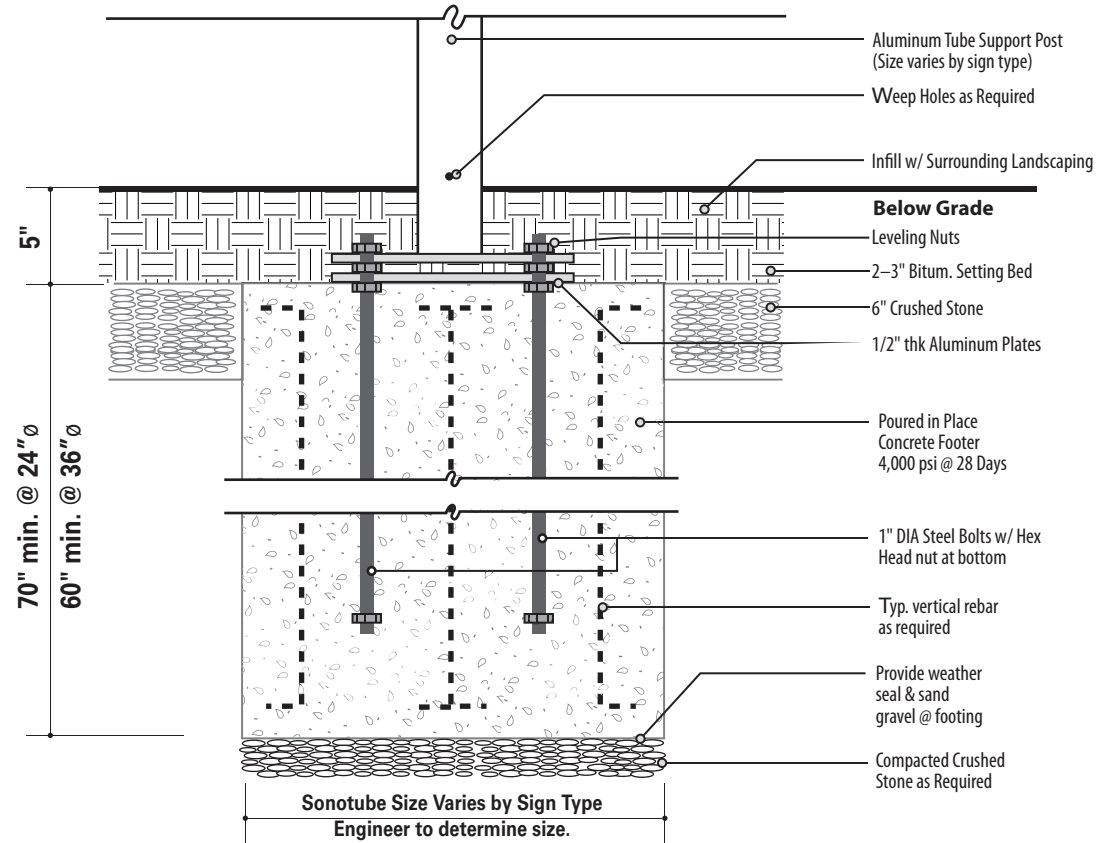
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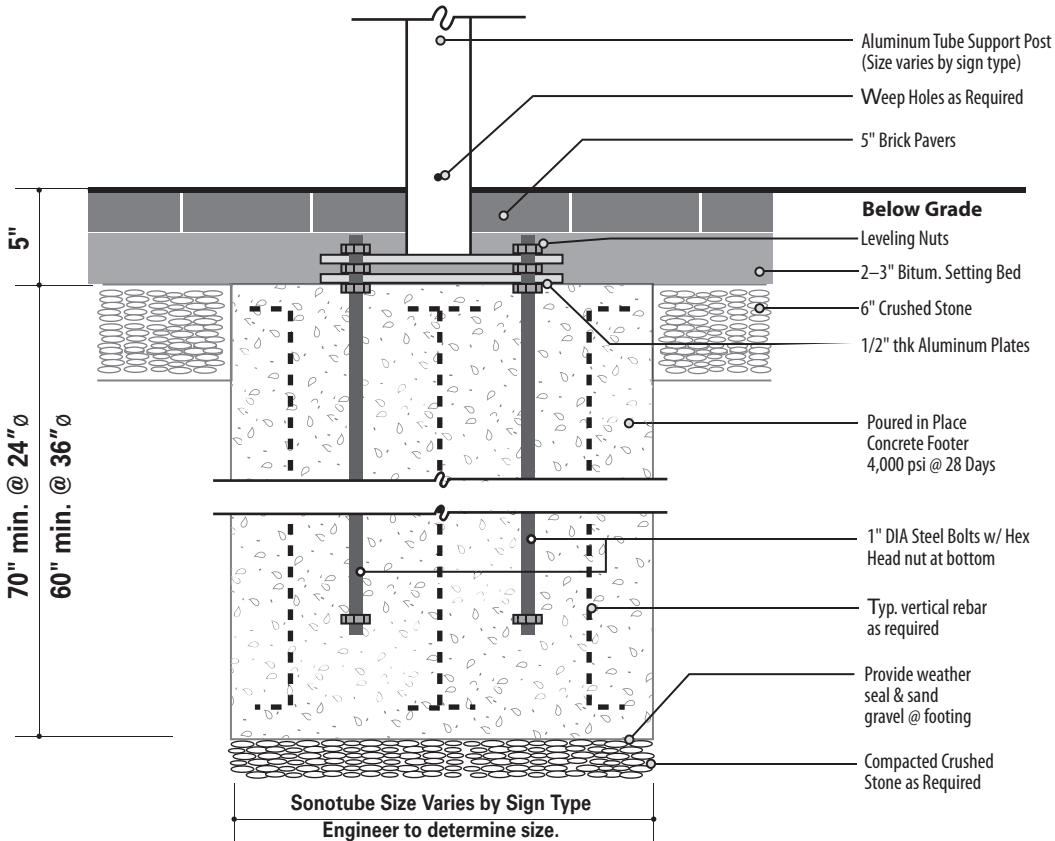
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REVISIONS		PROJECT NO.
		SHEET TITLE
		TXDOT Slip Base Construction Details
		SHEET NO.



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

Item 3.

Construction Details

Sign Types:
PARK.ID.2

NOTES:

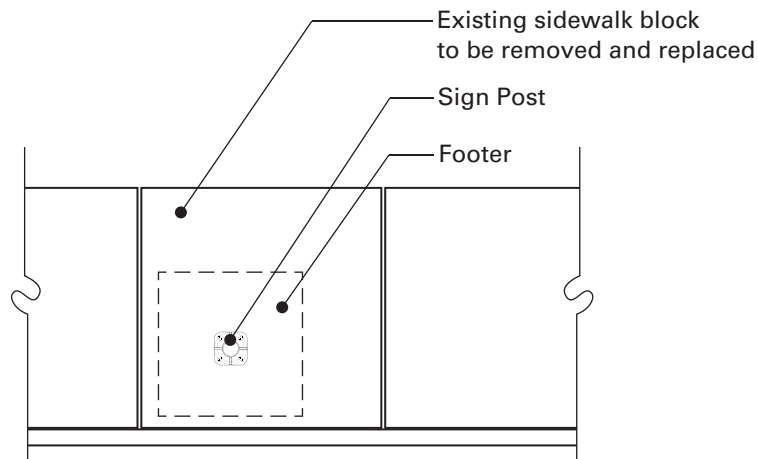
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2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and U/V) clear coat or vinyl over laminate.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. Contractor must provide shop drawings for all structural components,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

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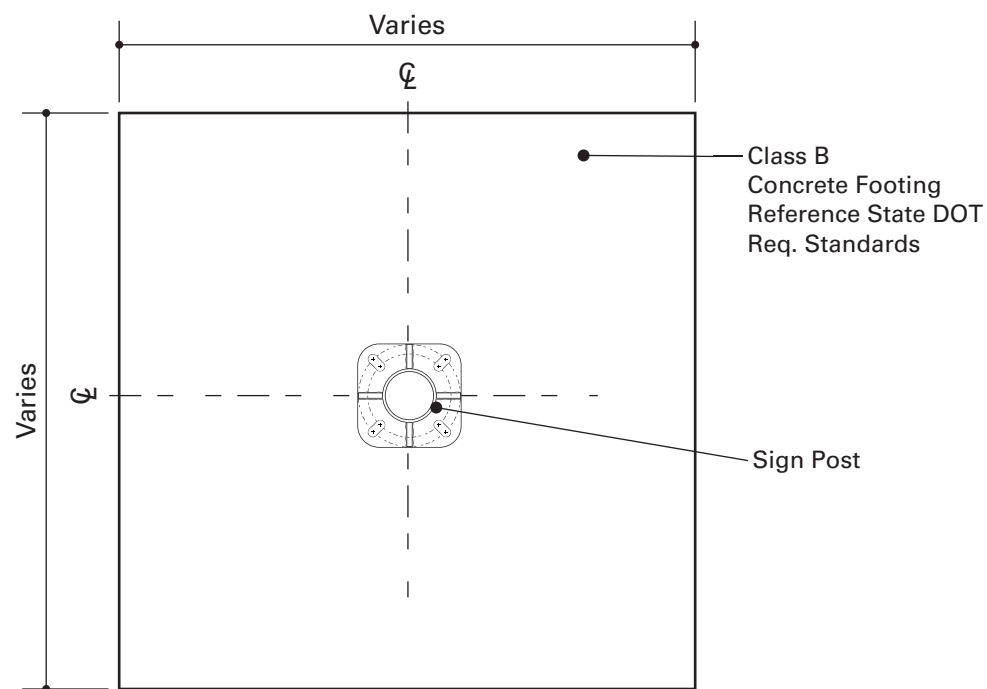
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REVISIONS		SHEET TITLE
		Section Details
		SHEET NO.
		F.9

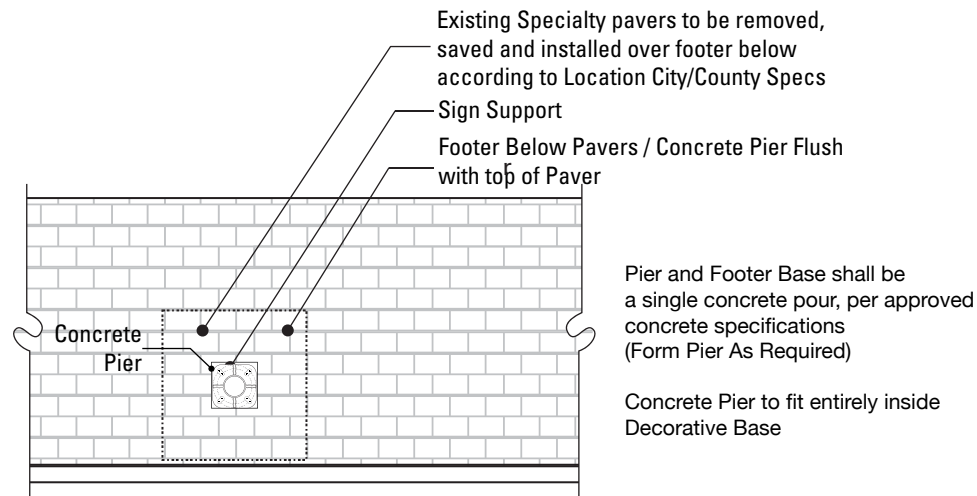


NOTE: When locating a footer within a single pavement block adjacent to at least 2 expansion joints, the entire block of pavement shall be removed and replaced with the same materials and finish of adjacent sidewalk areas.

1 Plan: Footer Placement
SCALE: NTS



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



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



Acceptable Footer Detail



Acceptable Footer Detail



Acceptable Footer Detail



NOT Acceptable Footer Detail



NOT Acceptable Footer Detail



NOT Acceptable Footer Detail

SPECIFICATIONS

Item 3.

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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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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REVISIONS		PROJECT NO.
		SHEET TITLE
		Sidewalk Footer Placement Details
		SHEET NO.
		F.10

Fig. 1



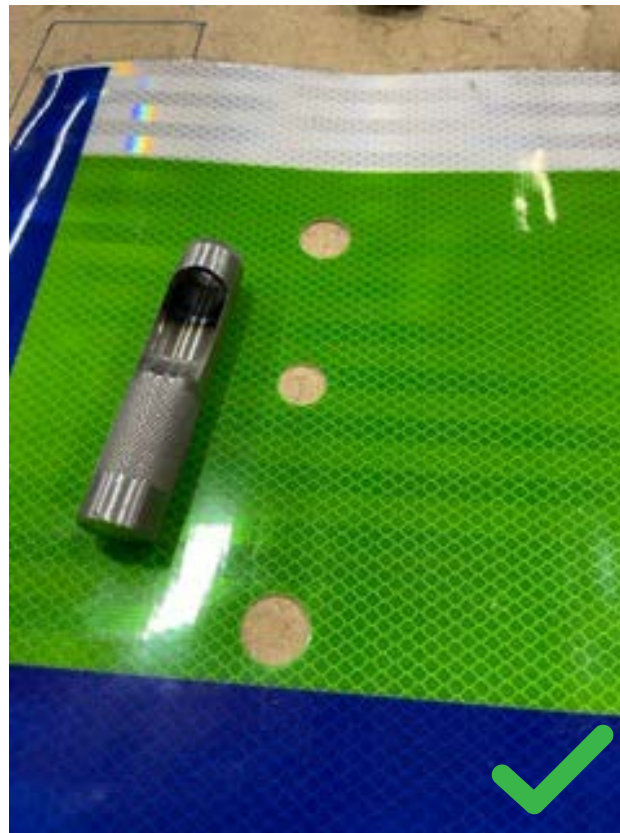
Fig. 2



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

NOTES:

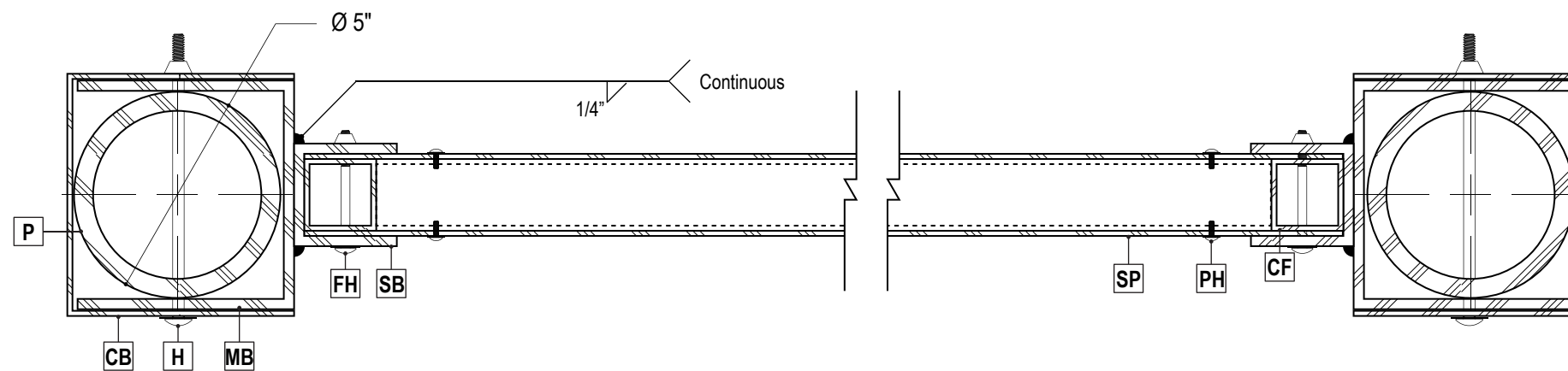
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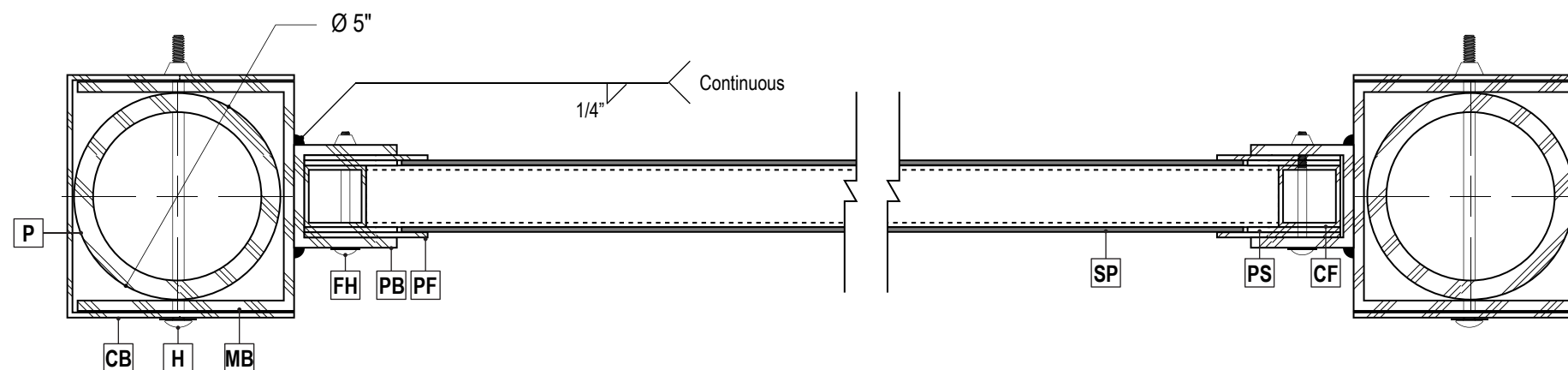
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REVISIONS		SHEET TITLE Sign Face Details
		SHEET NO.
		F.11



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-Resistent 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

Item 3.

Construction Details

Sign Types:
PARK.ID.1
KIOSK.1

NOTES:

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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.

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REVISIONS

CLIENT / PROJECT

Montgomery, TX

Wayfinding Program

PROJECT NO.

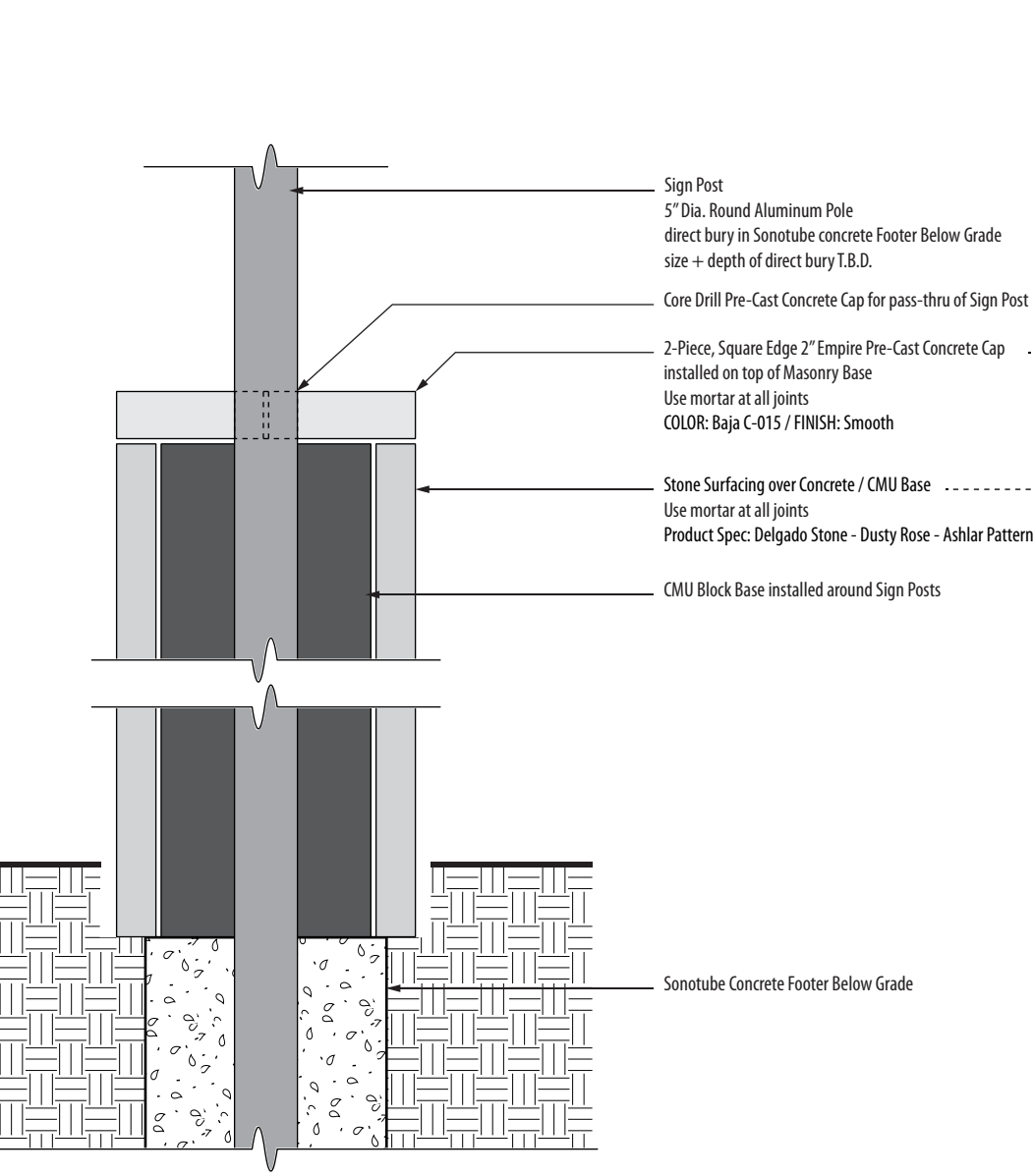
SHEET TITLE

Section Details

SHEET NO.

F.12

67



Product / Finish Reference



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

SPECIFICATIONS

Item 3.

Construction Details

Sign Types:
PARK.ID.1
KIOSK.1

- NOTES:
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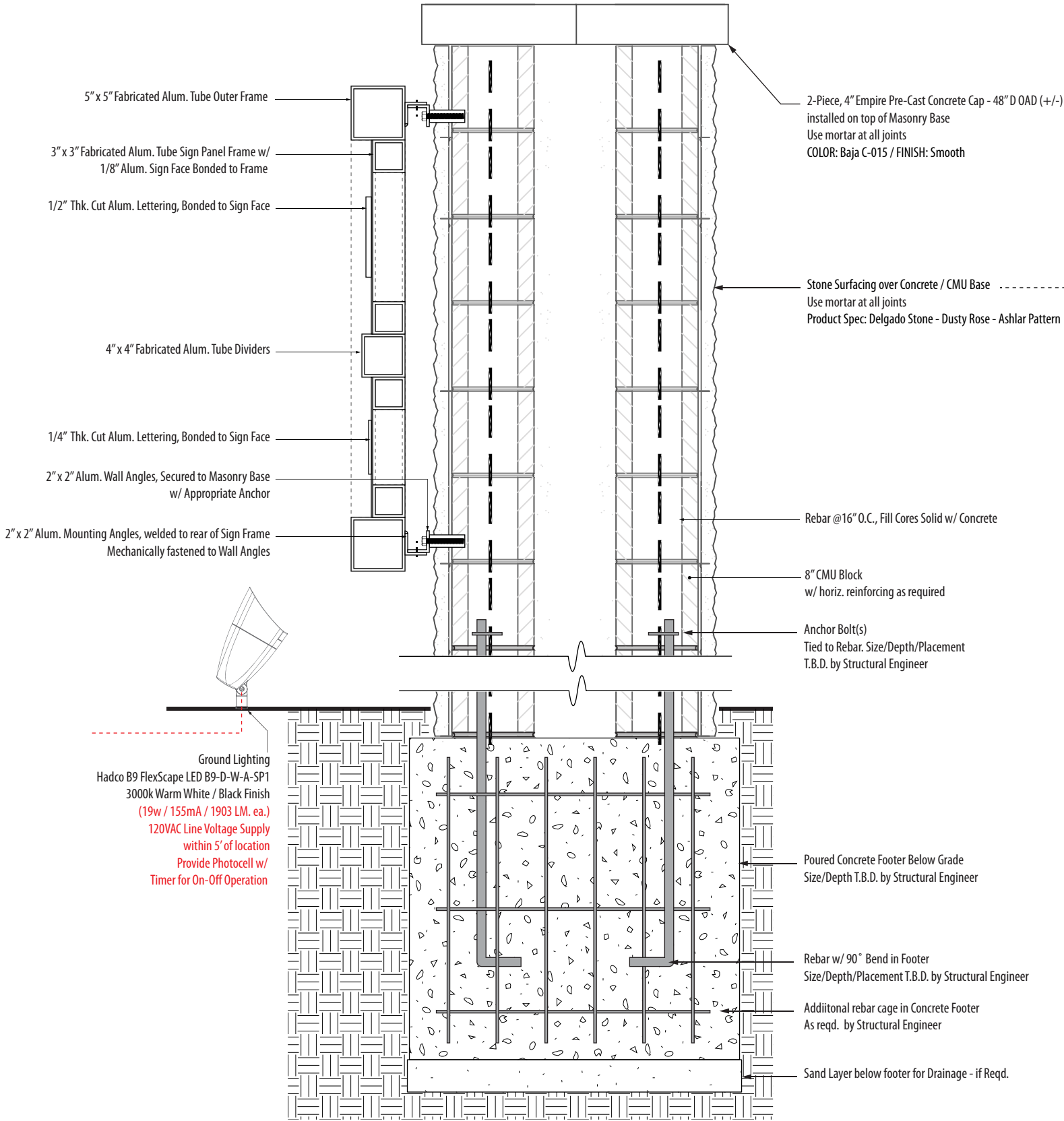
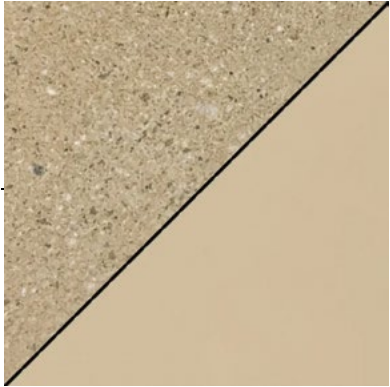
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		SHEET TITLE
		Base Details
		SHEET NO.
		F.13

SPECIFICATIONS

Construction Details

Sign Types:
GATE.1

Product / Finish Reference



- NOTES:
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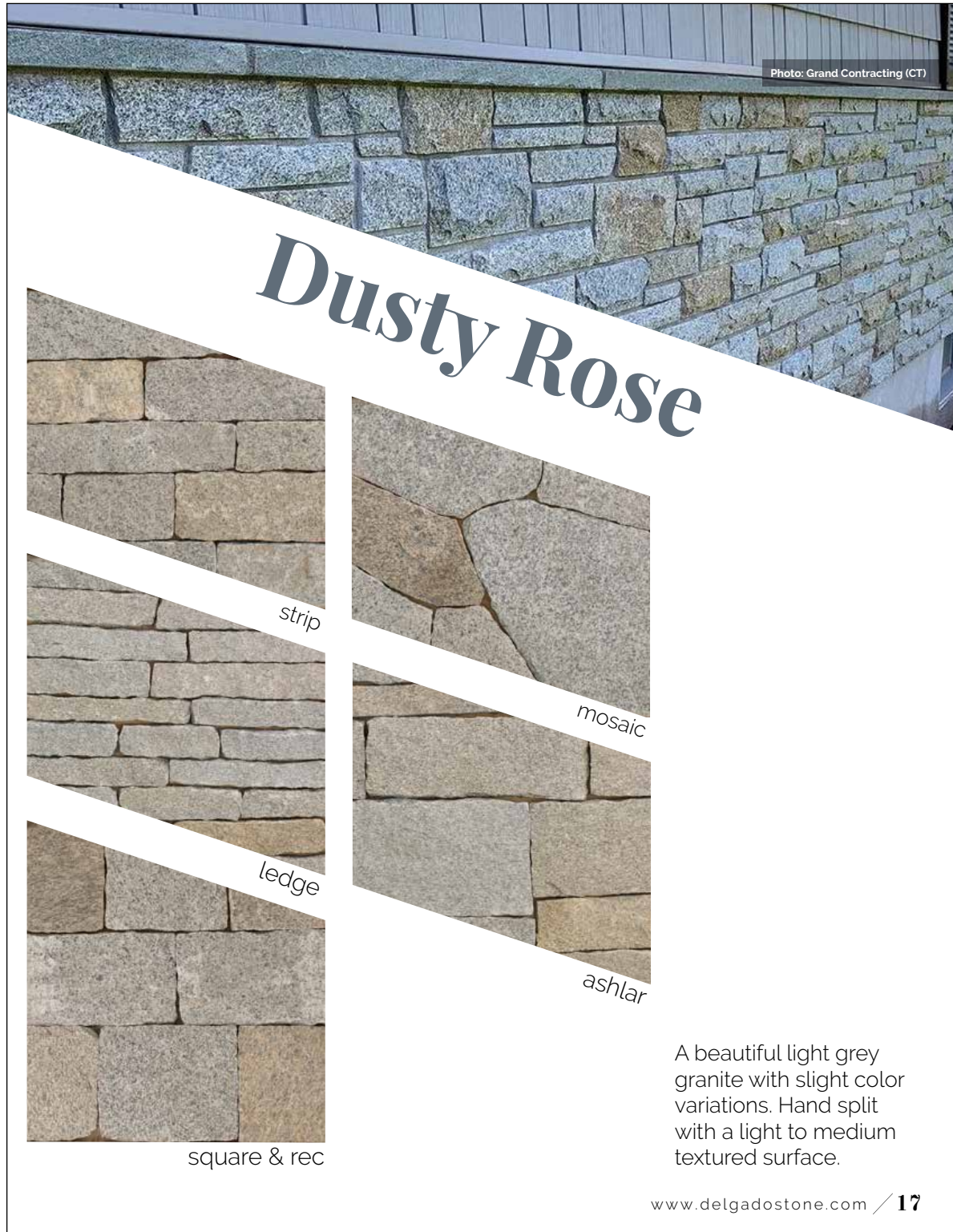
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REVISIONS		SHEET TITLE
		Section Details
		SHEET NO.
		F.14

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



Dusty Rose



Fieldstone Dark



Fitzwilliam Collection



Greenwich Blue



Harbor Mist



22

SPECIFICATIONS

tem 3.

Construction Details

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

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		SHEET TITLE	
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

	Amps		3000K			4000K		
Wattage	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

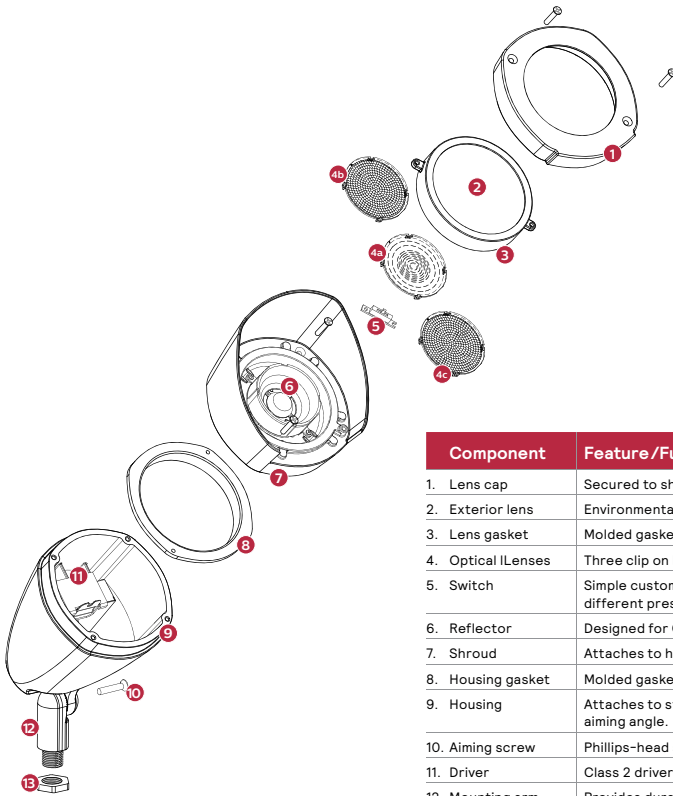
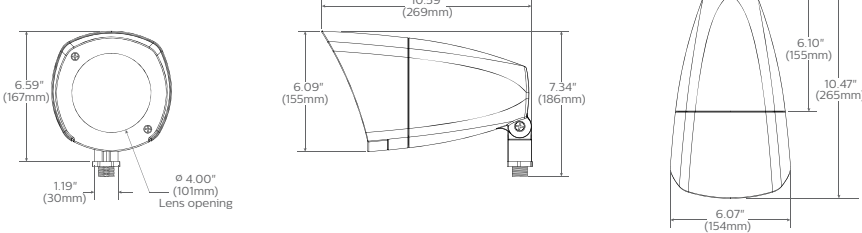


B9_Accent_120V 01/20 page 1 of 3

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 Lenses	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.

B9_Accent_120V 01/20 page 2 of 3

SPECIFICATIONS

Item 3.

Construction Details

Sign Types:
GATE.1

NOTES:

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REVISIONS	SHEET TITLE Product Details
	SHEET NO.
	F.16

SECTION 3

|

Technical Specifications