

**Notice of MEDC Regular Meeting
Montgomery Economic Development Corporation (MEDC)
AGENDA**

June 27, 2024 at 6:00 PM

NOTICE TO THE PUBLIC IS HEREBY GIVEN the Board of Directors will conduct its MEDC Regular Meeting scheduled for **6:00 PM on Thursday, June 27, 2024**, at the City of Montgomery City Hall, 101 Old Plantersville Road, Montgomery, Texas.

Members of the public may download the agenda information and view the meeting live on the City's website under Agenda/Minutes by selecting **Live Stream Page** (located at the top of the page). The meeting will be recorded and uploaded to the City's website.

CALL TO ORDER

OPEN PUBLIC COMMENT

CONSIDERATION AND POSSIBLE ACTION:

1. Consideration and possible action regarding an on-street parking concept along south McCown on MEDC-owned property.
2. Review and discussion of Wayfinding Project documents.
3. Financial Report.
4. Events Report March to June 2024

BOARD INQUIRY

ADJOURNMENT

/s/James Greene

James Greene, City Secretary for
Jeff Angelo, MEDC Board President

I certify that the attached notice of meeting was posted on the bulletin board at City of Montgomery City Hall, 101 Old Plantersville Road, Montgomery, Texas, on June 24, 2024 at 3:00 p.m.

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 accommodations.

**Montgomery MEDC
AGENDA REPORT**

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

Subject

Consideration and possible action regarding an on-street parking concept along south McCown on MEDC-owned property.

Recommendation

Decide whether to move forward with design and bidding of the project and direct staff accordingly.

Discussion

In March, Casey Olson asked staff to provide a preliminary project scope and cost estimate for adding on-street parking along McCown Street south of the intersection with John Butler Street. The city engineers developed a conceptual plan and rough cost estimate to add nine (9) on-street parking spaces. The attached concept plan uses the available space on McCown Street after considering a safe setback/distance from surrounding intersections.

The scope of the project includes:

- Nine (9) asphalt parking spaces
- 5-ft wide concrete sidewalk in front of spaces (directs passengers to front of vehicles instead of to the street).
- Storm sewer area drain and extension to redirect surface runoff to ditch on east side of McCown

The engineers have provided the attached concept plan and are conservatively estimating the project would cost between \$100,000 - \$115,000.

Next steps would include survey work, prepare plans, prepare specs, publicly advertise for bids, prepare contracts, etc. If the Board wishes to proceed with the initiative, direct staff accordingly.

Approved By

Director of Planning & Development	Dave McCorquodale	Date: 6/14/2024

Estimated Quantities

Asphalt: 200 SY
5-ft Conc. Sidewalk: 180 LF
6-inch Curb Stop: 72 LF
Net Fill/Grading: 100 CY
18" HDPE (Bored Under Road): 30LF

- * Site Prep/Restoration
- * Mobilization
- * Traffic Control



CITY OF MONTGOMERY

MAY 2024



TEXAS REGISTERED ENGINEERING FIRM F-9756
 2500 Tanglewilde, Suite 120 | 4526 Research Forest, Suite 360
 Houston, Texas 77063 | The Woodlands, Texas 77381
 713.789.1900 | 713.789.1900

EXHIBIT 1

McCOWN STREET PARKING

JOB No.
00574-900-00

DRAWN BY: AKG

**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

merJe

ENVIRONMENTS & EXPERIENCES

5 W. Gay Street

West Chester, PA 19380

T 484.266.0648

www.merjedesign.com

Section 1 – SIGN SYSTEM STANDARDS

A. Graphic Standards
 Typography Specifications..... A.1
 Project Artwork..... A.5
 Color Chart A.6

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

Section 2 – SIGNAGE DRAWINGS

C. Menu of Sign Types
 Sign Overview Menu..... C.1

D. Design Intent Drawings
 GATE.1..... D.1
 GATE.2 D.2
 VDIR.1..... D.3
 VDIR.2 D.4
 VDIR.3 D.5
 VDIR.4 D.6
 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
 PARK.ID.2..... D.15
 KIOSK.1 D.16

E. Graphic Layouts

F. Construction Details
 Section Details..... F.1
 TRANSP0 PoleSafe Details..... F.4
 Decorative Base Details..... F.7
 TXDOT SlipBase Details F.8
 Match Plate Details..... F.9
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 Vinyl Application F.11
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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	Downtown NOT acceptable
123A acceptable	123A NOT acceptable	123A 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		CLIENT / PROJECT
 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:	SHEET TITLE
4/26/24	KRD	
<small>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</small>		Typography Specifications
REVISIONS		
		SHEET NO.
		A.1

TYPEFACE FOR: GATEWAYS / IDENTIFICATION

Avenir Next Bold

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890 “!@#\$%^

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

Downtown
acceptable

Downtown
NOT acceptable

Downtown
NOT acceptable

123A
acceptable

123A
NOT acceptable

1 2 3 A
NOT acceptable

SPECIFICATIONS

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

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

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

Avenir Next Bold

! This apostrophe is CORRECT.
PARK'S

X This apostrophe is INCORRECT.
PARK'S

NOTES

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merje
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West Chester, PA 19380
T 484.266.0648
www.merjedesign.com

CLIENT / PROJECT
Montgomery, TX
Wayfinding Program

SUBCONSULTANT
DATE 4/26/24 DRAWN BY: KRD

SHEET TITLE
Typography Specifications

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REVISIONS

SHEET NO.

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	123A 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  5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com	CLIENT / PROJECT Montgomery, TX Wayfinding Program
	PROJECT NO.

SUBCONSULTANT		SHEET TITLE Typography Specifications
DATE 4/26/24	DRAWN BY: KRD	
REVISIONS		SHEET NO.
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LETTER-SPACING

Inconsistencies in Letter Spacing

TYPEFACE 1

City Hall

Corrected Letter Spacing

TYPEFACE 1

City Hall

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

SIGN TEXT STANDARDS

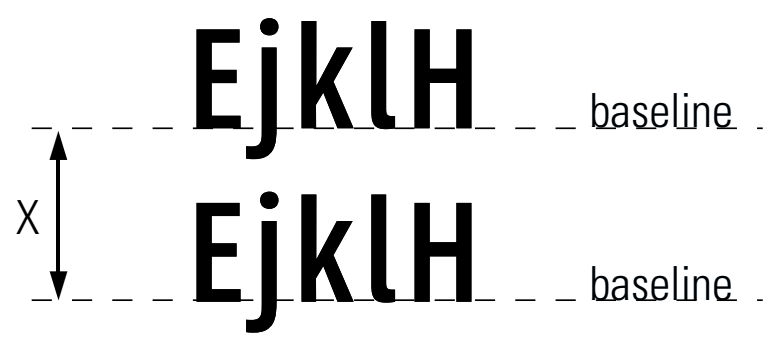
COPY HEIGHT

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



LINE SPACING

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



SPECIFICATIONS

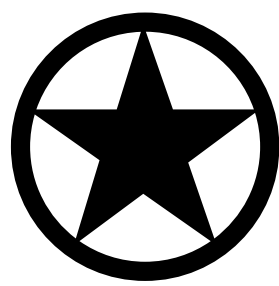
Individual spacing of each letter needs to be evaluated. All copy shall be kerned so that each character is optically centered between the center of each of the surrounding characters.

NOTES

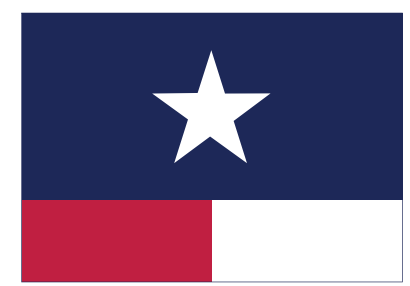
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
merje		Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE	DRAWN BY:	Typography Specifications
4/26/24	KRD	
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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

LOGO ELEMENTS / ENHANCEMENT MARKERS

Utilized in Vehicular & Pedestrian signage



Star Logo



Flag Pattern



Header Band

PICTOGRAPH

Utilized in Vehicular & Pedestrian signage



Library



Shopping



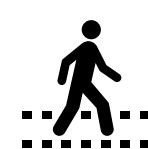
Food



Information



Parking



Pedestrian Trail



Playground



Covered Picnic Area



Baseball



Basketball



Volleyball

ARROWS

Utilized in Vehicular Directional signage



Left Arrow



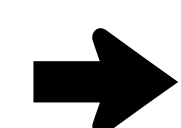
Up-Left Arrow



Straight Arrow



Up-Right Arrow



Right Arrow



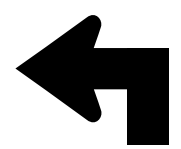
Straight Arrow



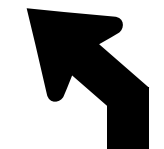
Left Arrow



Right Arrow



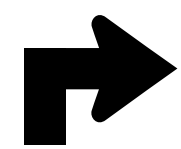
Straight-Left Arrow



Up-Straight-Left Arrow



Up-Straight-Right Arrow



Straight-Right Arrow

Arrow Sequence








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








SPECIFICATIONS

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



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
SUBCONSULTANT		PROJECT NO.
DATE	DRAWN BY:	SHEET TITLE
4/26/24	KRD	
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REVISIONS		
		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 overlamine. *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 overlamine. *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 overlamine. *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 overlamine. *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 overlamine. *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 overlamine. *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 overlamine. *Applied according to Manufacturers Spec to aluminum sheet.

P PAINTS	NAME	SPECIFICATION	APPLICABLE	PROCESS
R1		White Color Match: Pantone® white	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R2		Charcoal Color Match: PANTONE TBD	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R3		Texas Red Color Match: PANTONE 193C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R4		Texas Navy Color Match: PANTONE 281C	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R5		Park Green Color Match: PANTONE TBD	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R6		Park Brown Color Match: PANTONE TBD	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *
R7		Black Color Match: PANTONE TBD	Standard for System (typ.)	Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane with Clear Coat Satin finish. Corrosion resistant primer, color coat, and clear anti-graffiti topcoat to seal and protect the entire system. *

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


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

SPECIFICATIONS

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

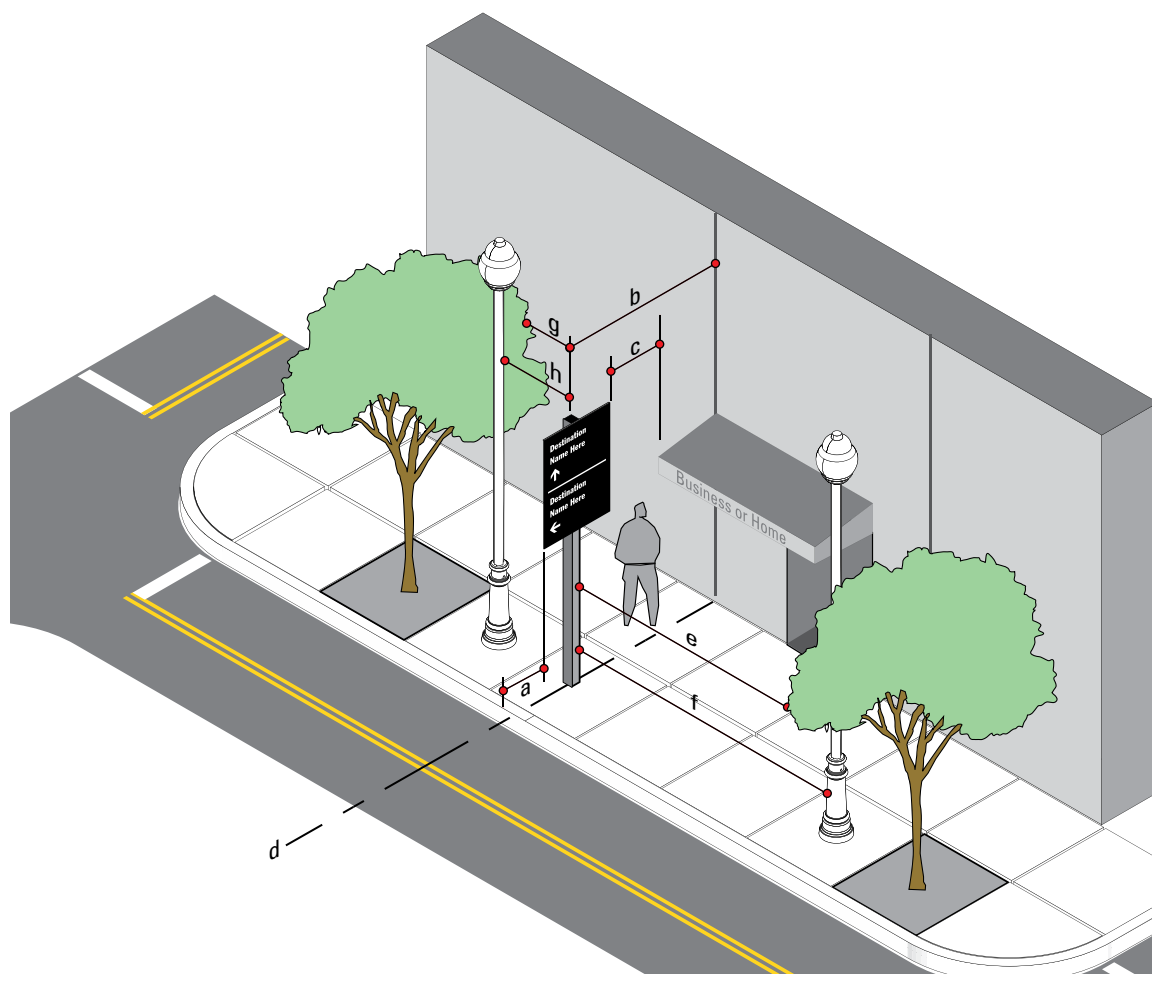
The colors must look exactly the same every time they are used so that people associate them with the Wayfinding Program. All media, vinyl, paint, and inks must be produced so that the colors match as specified on this page.

NOTES

ENVIRONMENTS & EXPERIENCES  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	SHEET TITLE
4/26/24	Color Chart
DRAWN BY: KRD	
REVISIONS	SHEET NO.
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B | Placement Guidelines

Figure 1
Not to Scale



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

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

SPECIFICATIONS

FIGURE 1 - Lateral Clearance Guidelines

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

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

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

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

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

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

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

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

NOTES

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West Chester, PA 19380
T 484.266.0648
www.merjedesign.com

CLIENT / PROJECT
Montgomery, TX
Wayfinding Program

SUBCONSULTANT

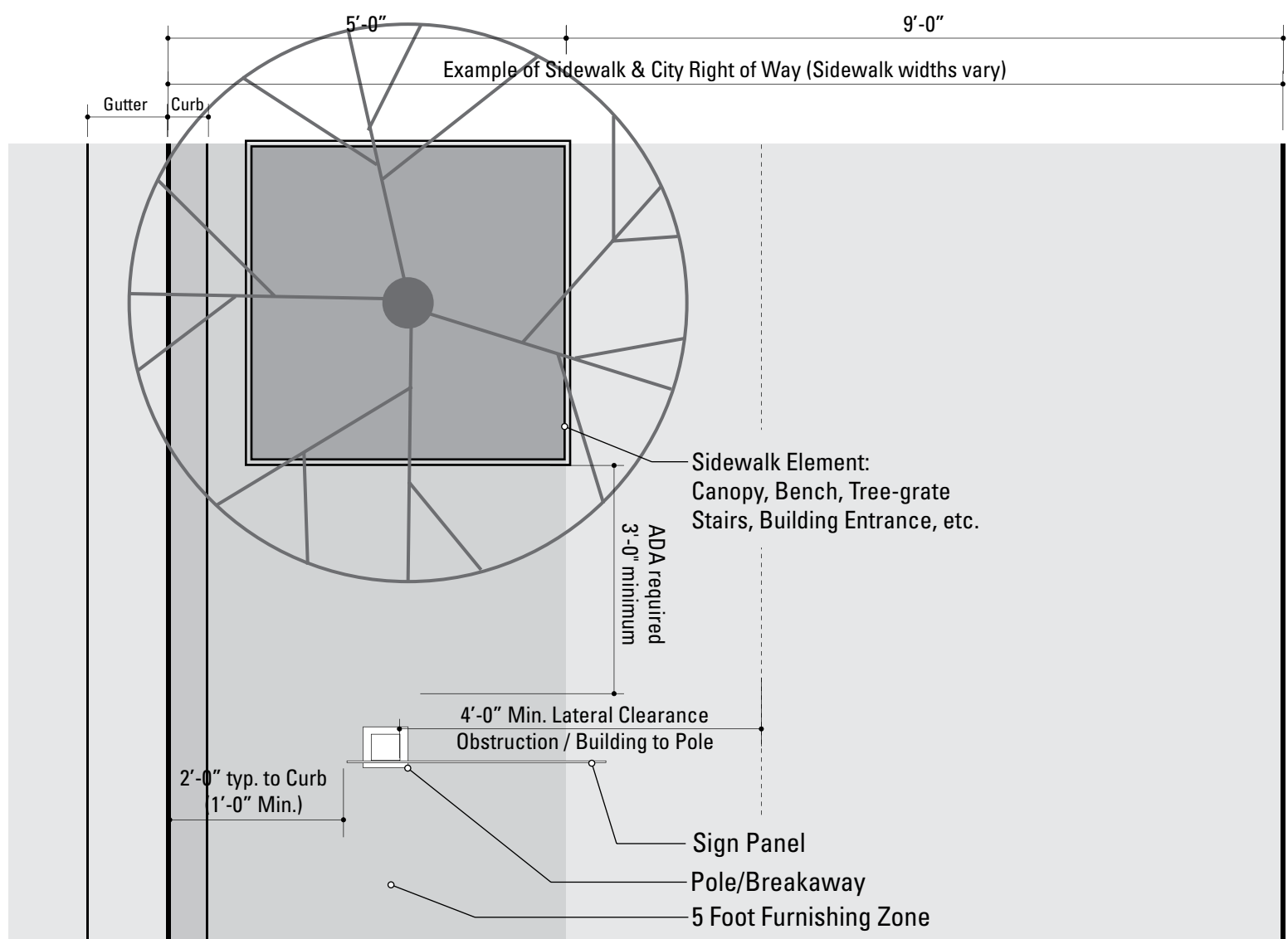
DATE 4/26/24 DRAWN BY: KRD

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REVISIONS

PROJECT NO.
SHEET TITLE
Sign Placement Guidelines

SHEET NO.



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.

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.

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.

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

(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.

NOTES

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
 5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		Montgomery, TX Wayfinding Program	
		PROJECT NO.	
SUBCONSULTANT		SHEET TITLE	
DATE	4/26/24	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.		Sign Placement Guidelines	
		REVISIONS	
		SHEET NO.	

C | Menu of Sign Types

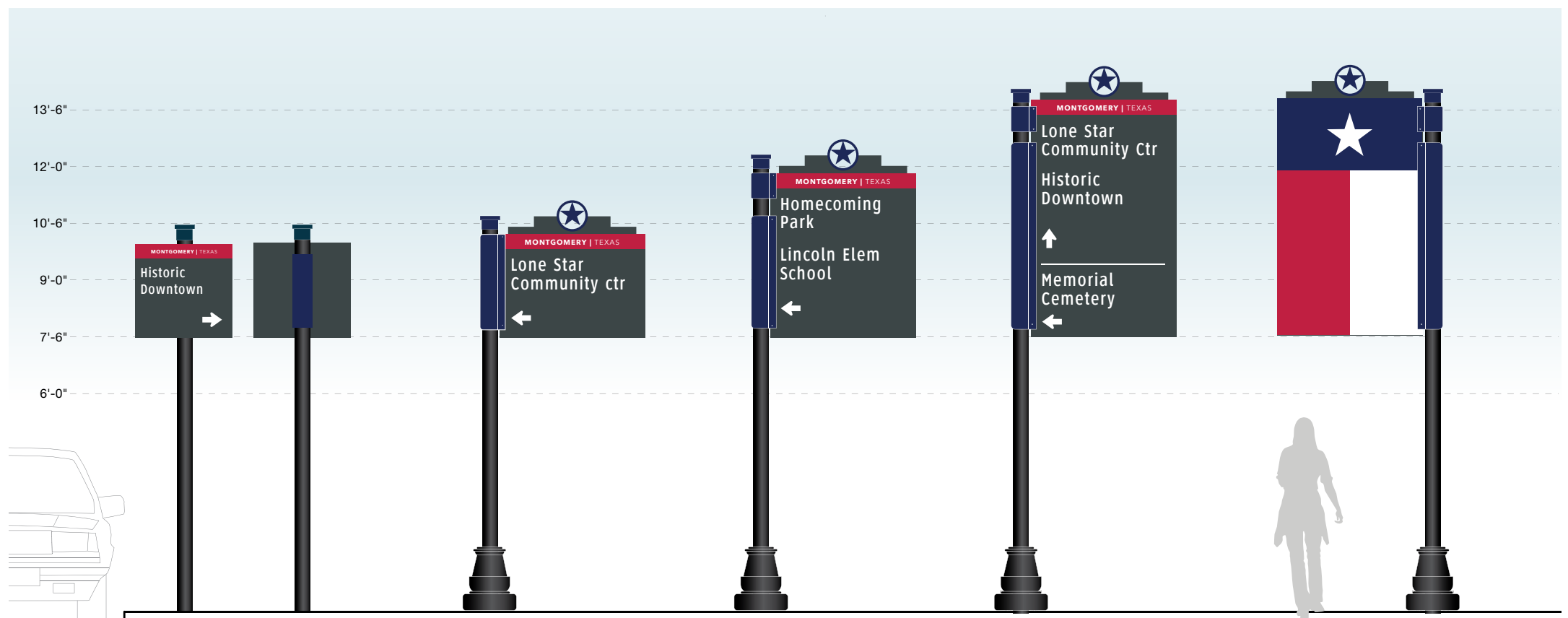
SPECIFICATIONS



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

GATE.1
Large Gateway
Double Sided

GATE.2
Gantry Gateway
Double Sided



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

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

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

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

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

VDIR.1-3
Reverse View - Typ.

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

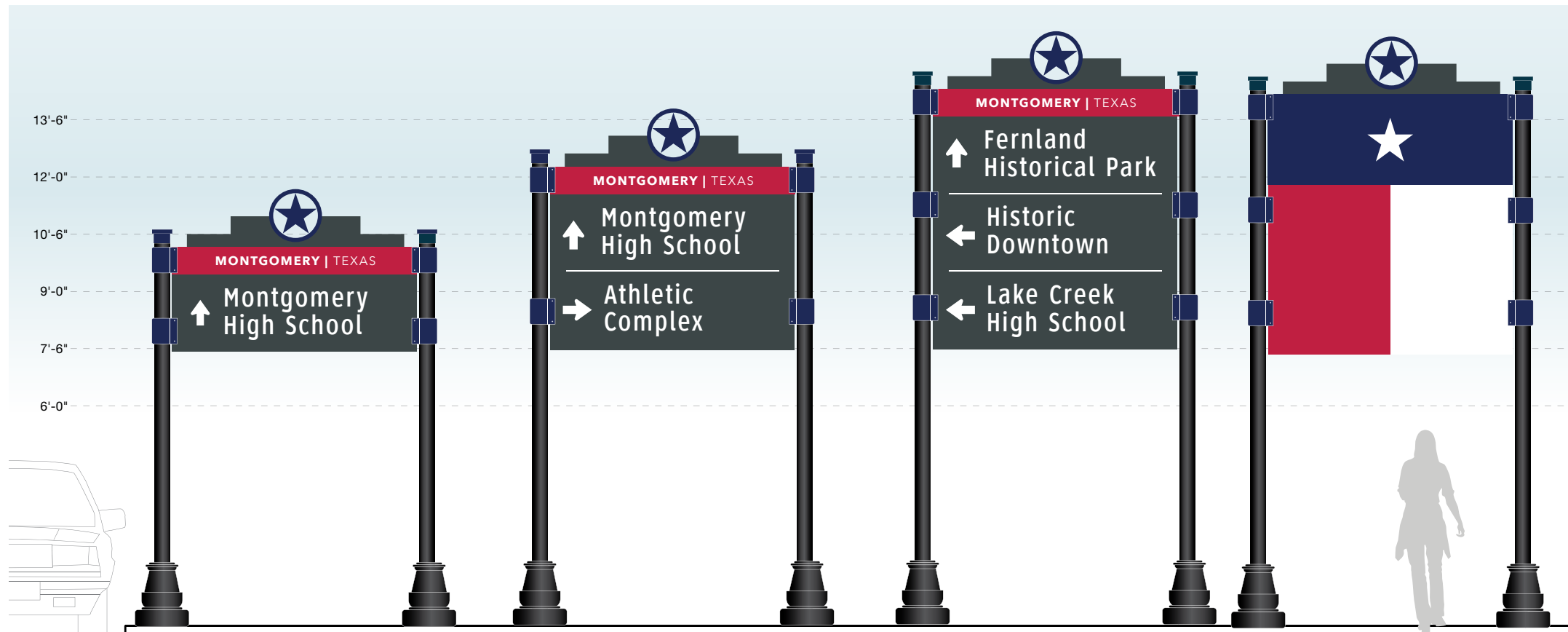
ENVIRONMENTS & EXPERIENCES

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5 W. Gay Street
West Chester, PA 19380
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DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO.
REVISIONS	

SPECIFICATIONS



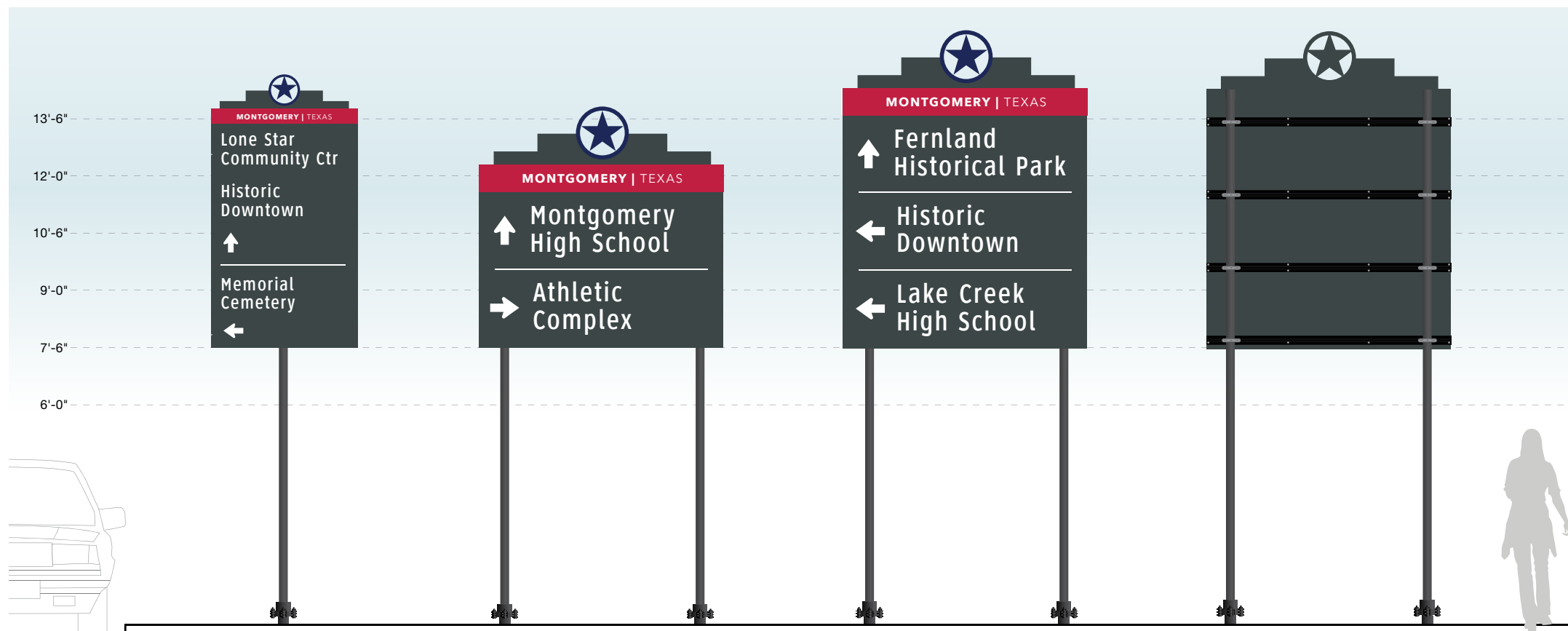
Scale: 3/8"=1'-0"

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

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

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

VDIR.4-6
Reverse View - Typ.



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

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

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

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

VDIR.3-6 TXDOT
Reverse View - Typ.

NOTES:

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REVISIONS

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

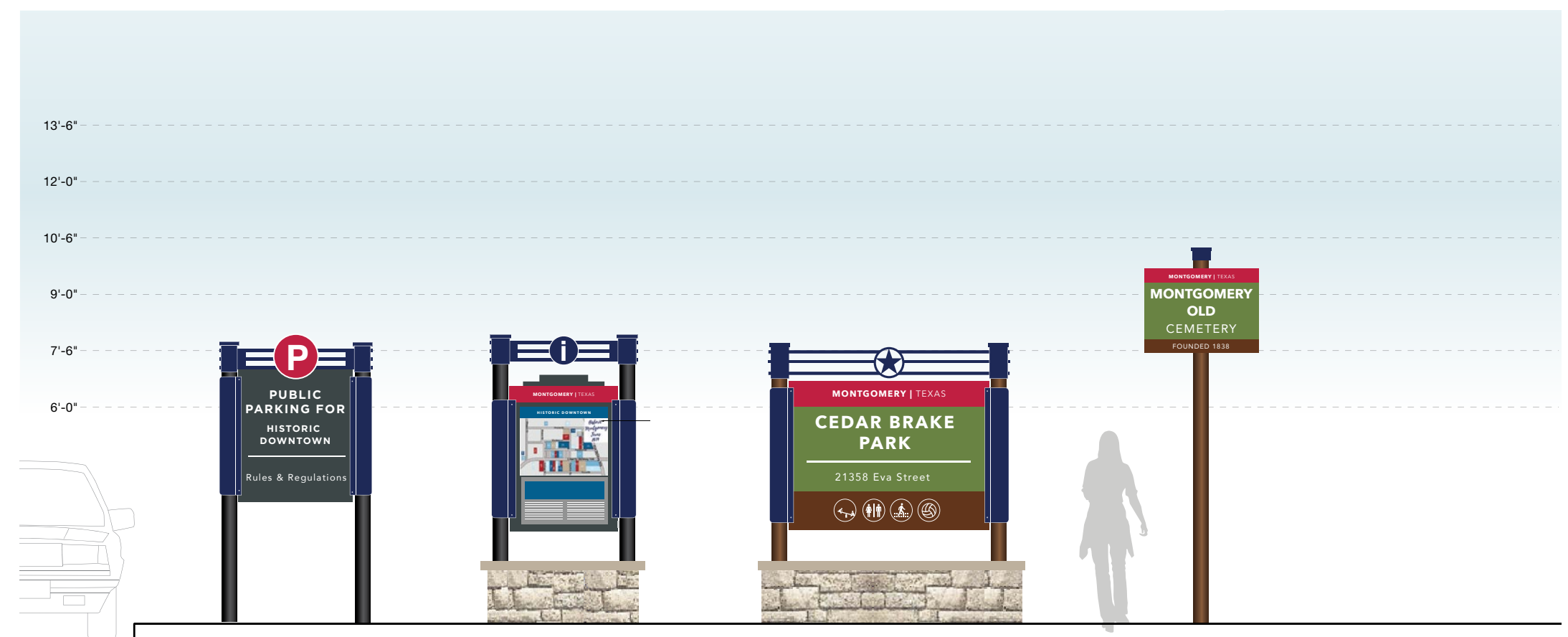
PROJECT NO.

SHEET TITLE

Overview Vehicular Signs

SHEET NO.

SPECIFICATIONS



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

PARK.2
Parking Lot ID
Double Sided

KIOSK.1
Pedestrian Information
Double Sided

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

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

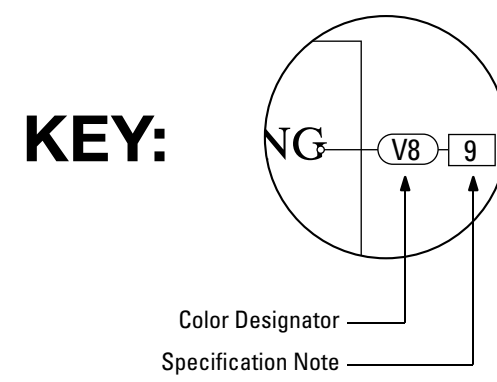
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ENVIRONMENTS & EXPERIENCES

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



D | Design Intent Drawings

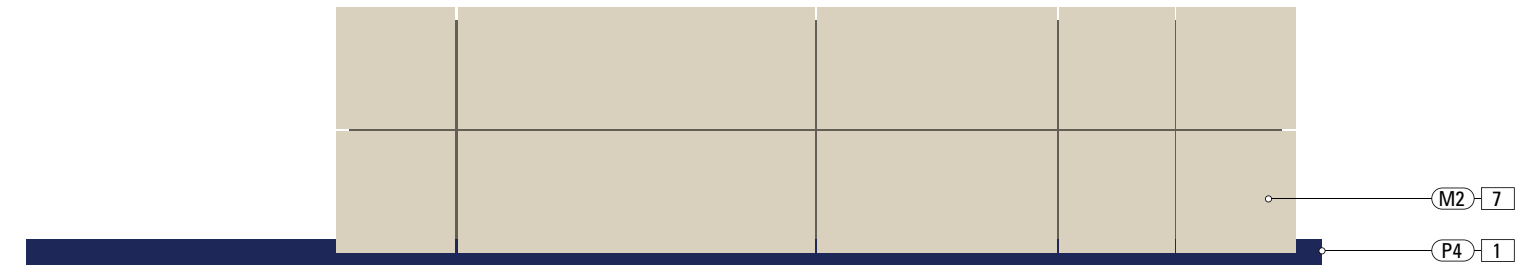
The Color Designator Chart is found in the Graphic Standards section.
The Specification Notation is found on the same page as the drawings.

SECTION 2 | Signage Drawings

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

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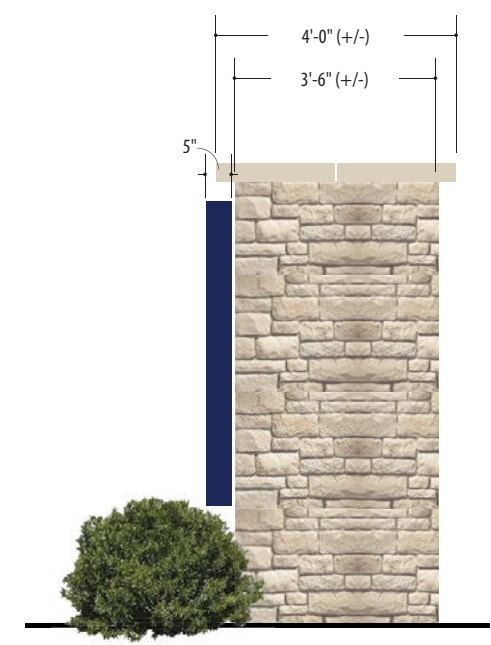
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE GATE.1 Gateway ID
DATE 4/26/24	DRAWN BY: KR D	SHEET NO.
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Plan View



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



Side View

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

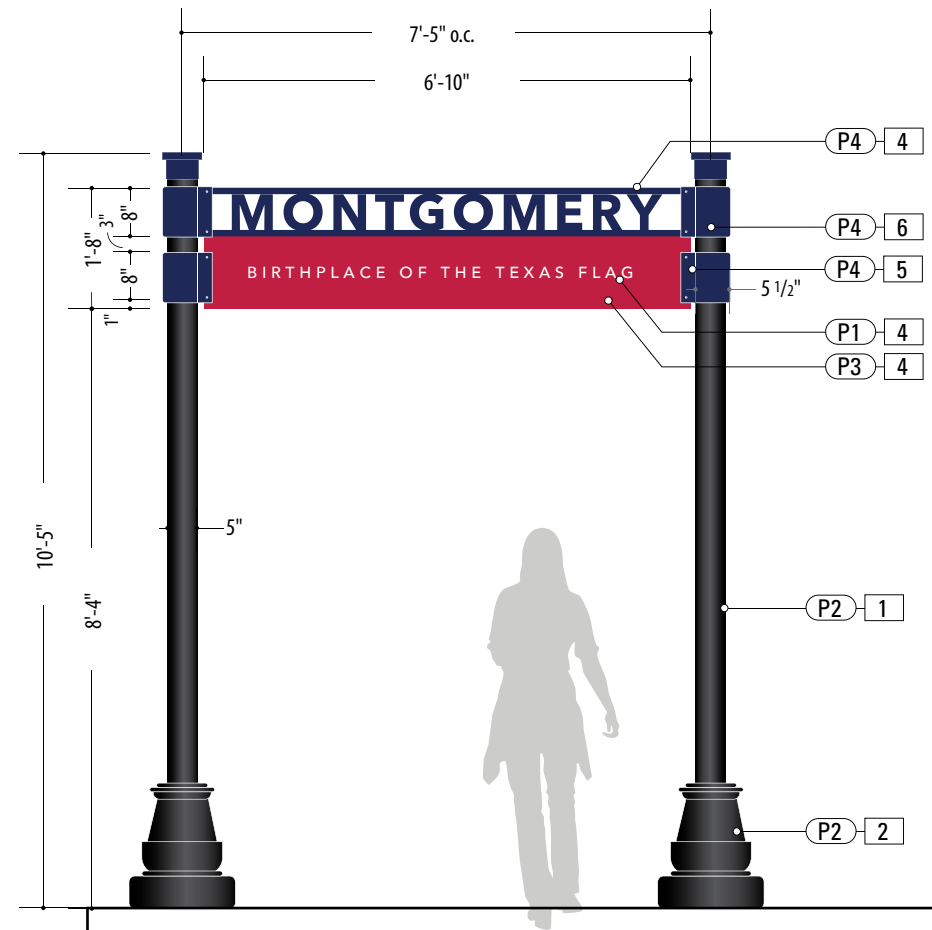
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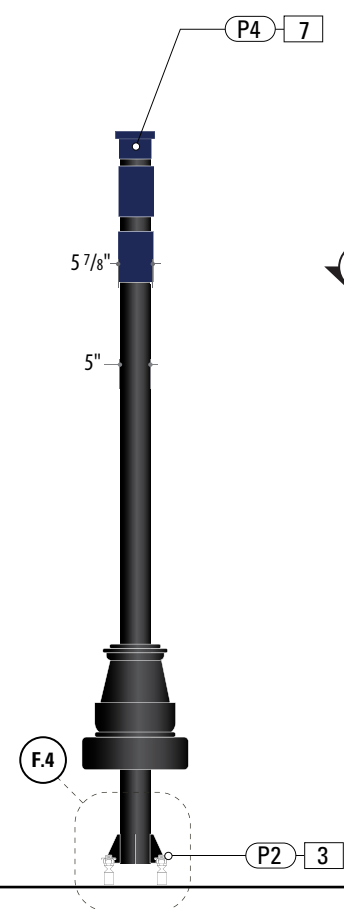
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT <p style="text-align: center;">Montgomery, TX Wayfinding Program</p>
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO. SHEET TITLE <p style="text-align: center;">GATE.2 Gateway ID</p>
SUBCONSULTANT DATE: 4/26/24 DRAWN BY: KRD REVISIONS		SHEET NO.
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Plan View



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



Side View



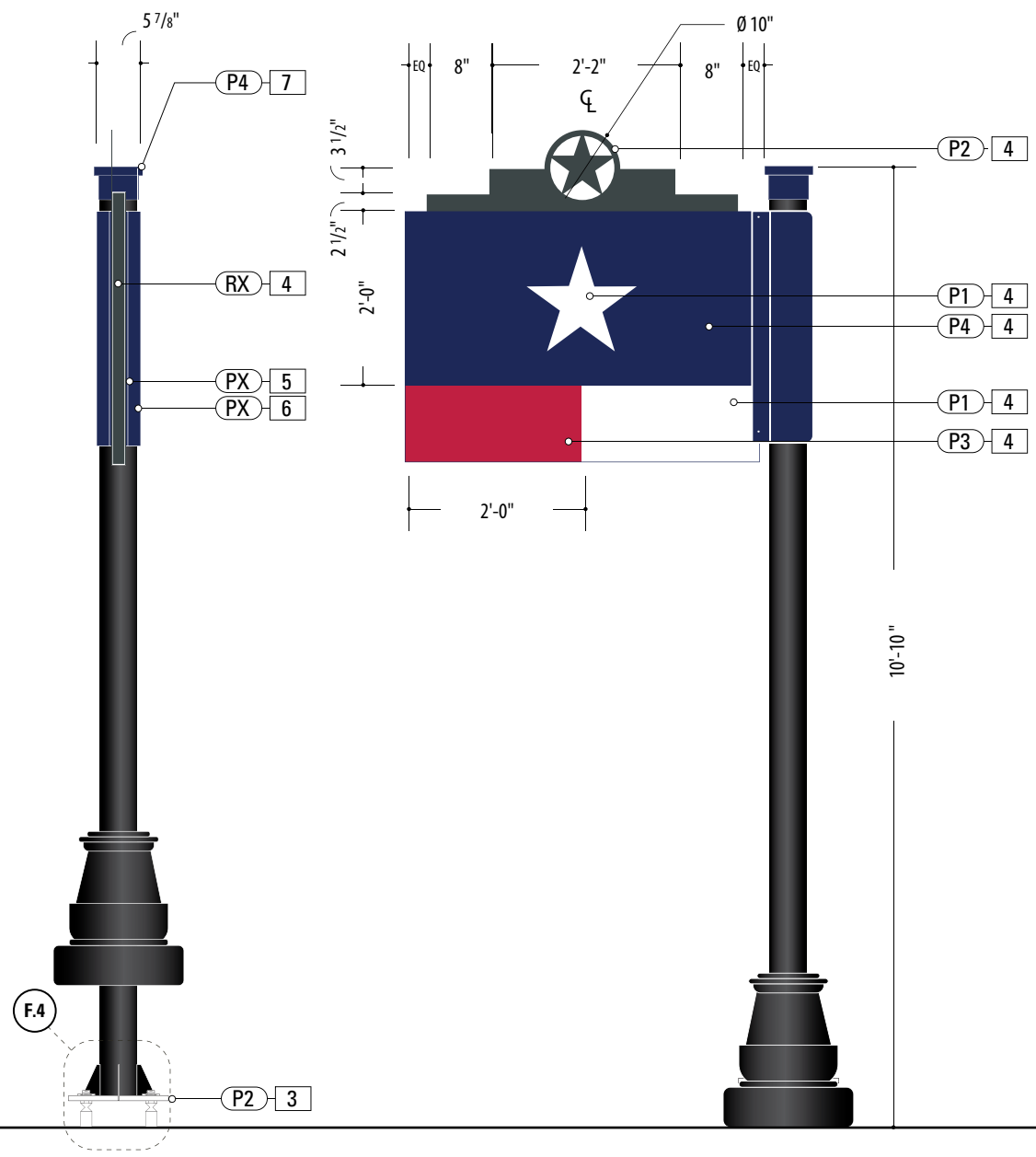
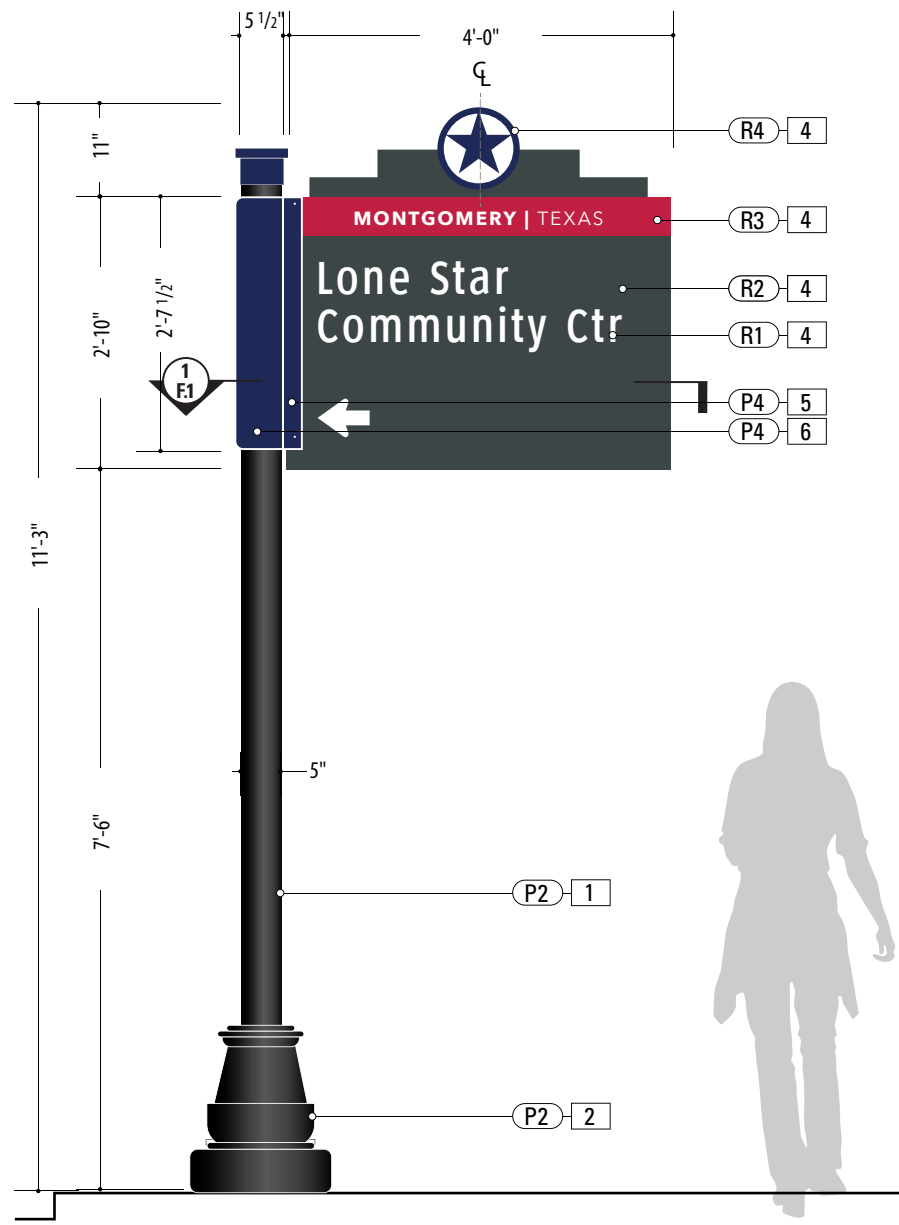
Back View

- 1. SUPPORT POST**
 MATERIAL: 5" Dia. Alum. tube, .5" wall
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FOOTER: Welded Plate / Breakaway Attachment (Per Detail Dwg.)
- 2. DECORATIVE BASE**
 PRODUCT: "Arlen 17" by Hapco
 TYPE: 2-Piece Clamshell for Round Straight Pole
 FABRICATION PROCESS: 356 Cast Aluminum
 COLOR: as noted
- 3. BREAKAWAY ATTACHMENT**
 Transpo PoleSafe #5075 Breakaway Assembly
 Installed Per Engineer Req. (See Detail Page)
- 4. SIGN PANEL**
 MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
 FABRICATION PROCESS: Router Cut panel + Custom Fabricated
 EDGES: Smooth
 GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminate (See Color Sheet for all color and material specifications)
 REAR PANEL GRAPHIC BACKGROUND PROCESS: Mask + Spray Rear Sign Panel with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 5. FLAG BRACKET**
 MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to to 1/4" Thk. Formed Alum. Mounting Bracket
 FABRICATION PROCESS: Custom Fabricated
 EDGES: Smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 6. ACCENT SLEEVE**
 MATERIAL: Aluminum Sheet, 1/8" thk.
 FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
 MATERIAL: Exterior Grade ABS / Nylon
 FABRICATION PROCESS: Custom FDM 3D Printed
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure w/ concealed fasteners

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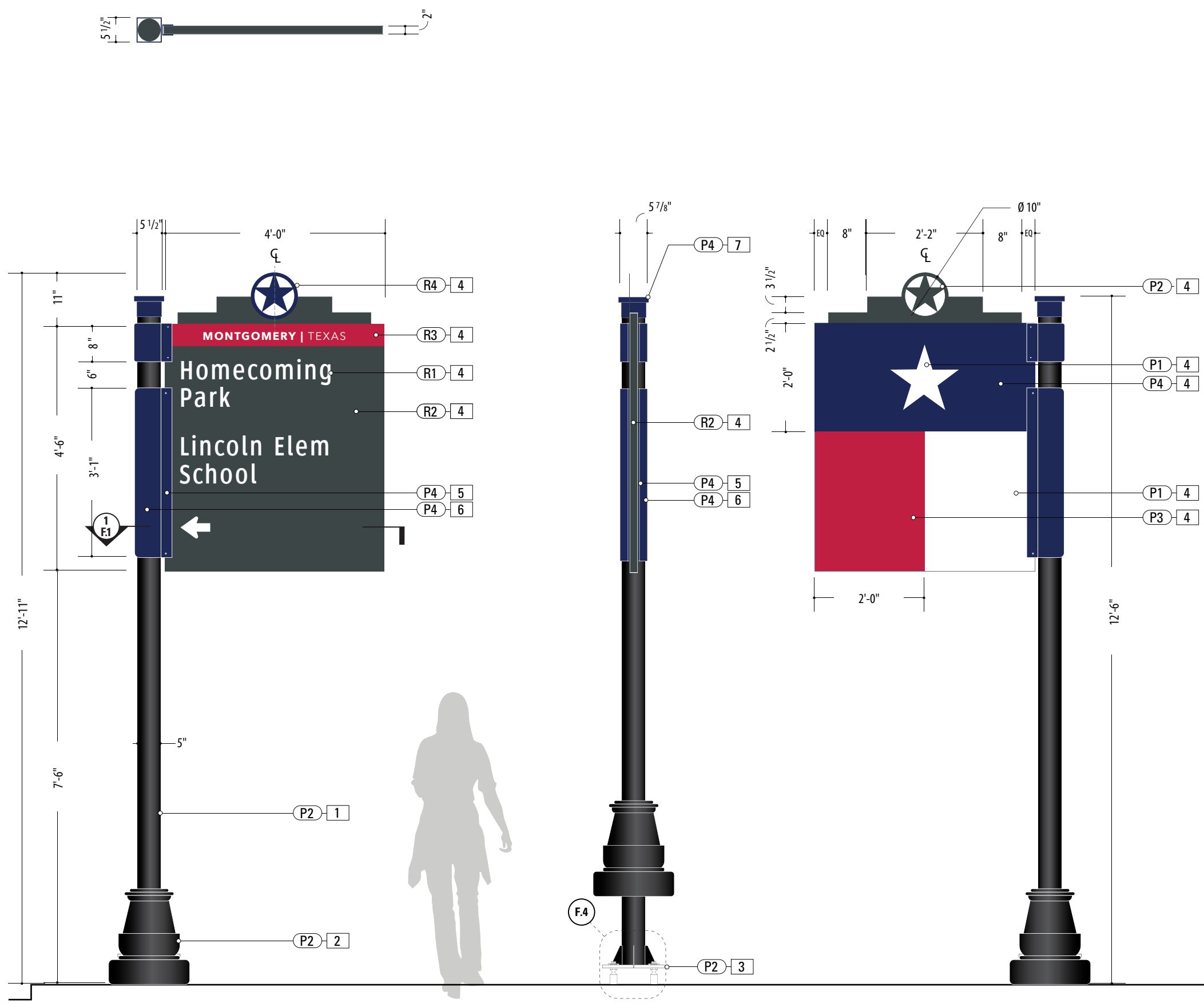
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT <p style="text-align: center;">Montgomery, TX Wayfinding Program</p>
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE 4/26/24	DRAWN BY: KRD	VDIR.1 Vehicular Directional
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REVISIONS		SHEET NO.



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

Side View

Back View



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

Side View

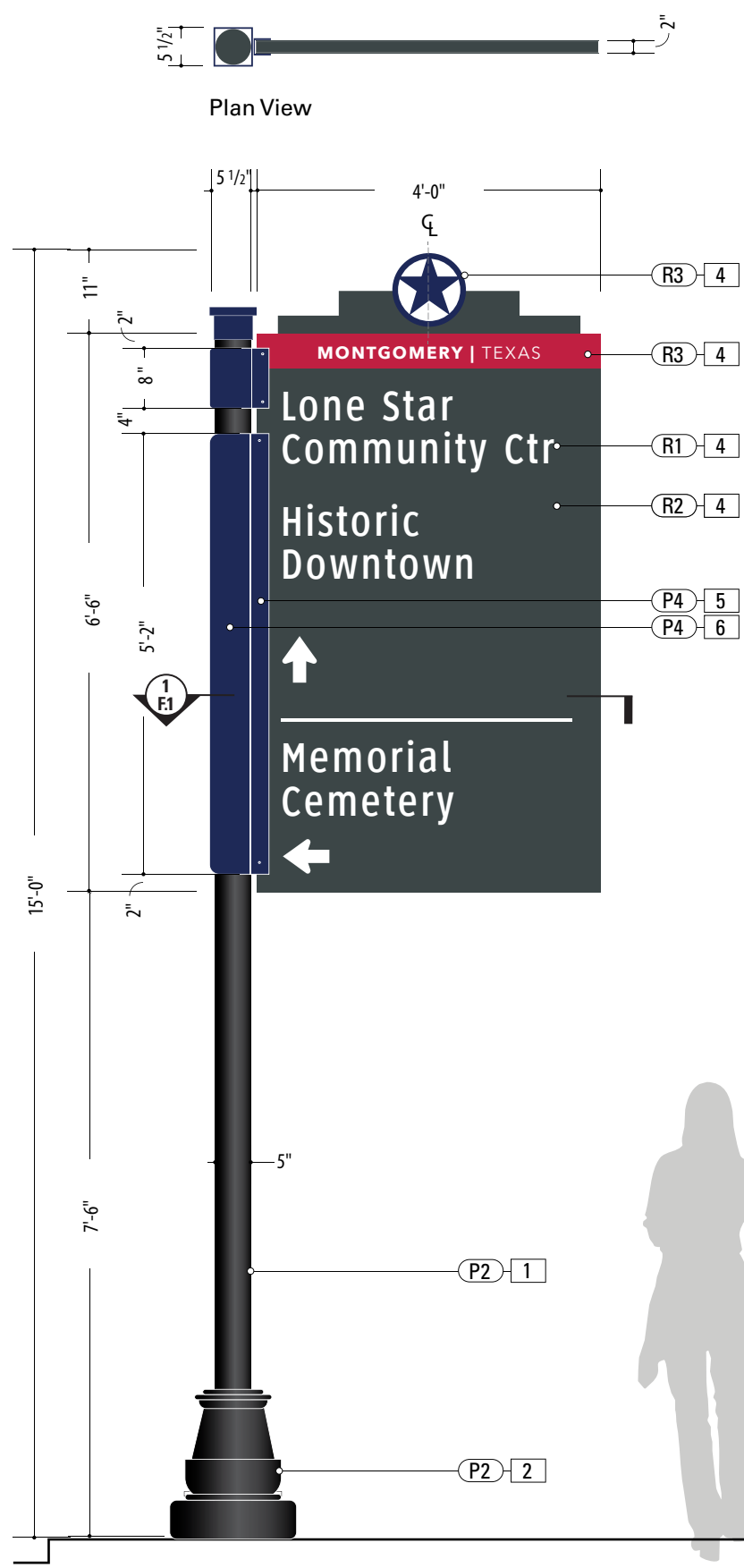
Back View

- 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: 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.
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- 6. ACCENT SLEEVE**
MATERIAL: Aluminum Sheet, 1/8" thk.
FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
MATERIAL: Exterior Grade ABS / Nylon
FABRICATION PROCESS: Custom FDM 3D Printed
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure w/ concealed fasteners

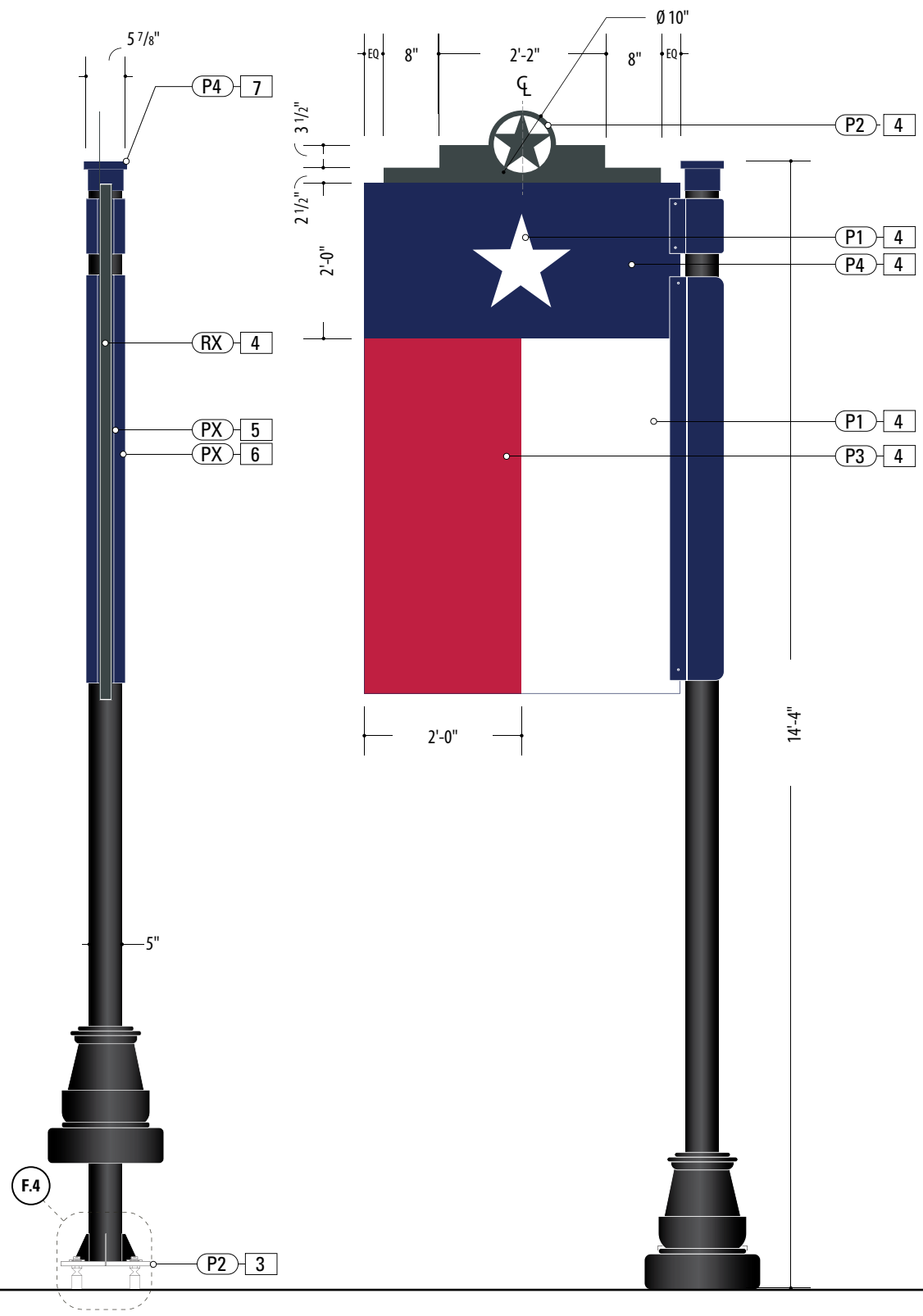
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SUBCONSULTANT		SHEET TITLE
DATE 4/26/24	DRAWN BY: KRD	VDIR.2 Vehicular Directional
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		D.4 27



Plan View




Side View

Back View

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

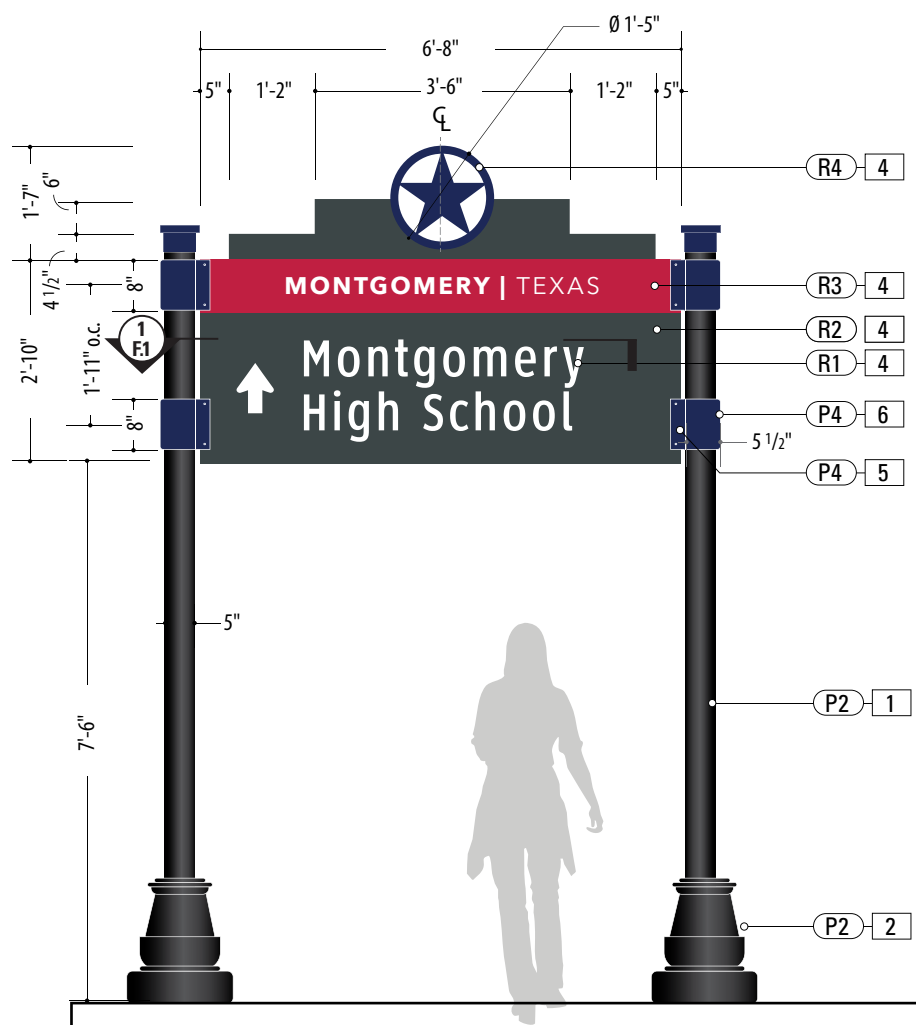
- 1. SUPPORT POST**
MATERIAL: 5" Dia. Alum. tube, .5" wall
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Welded Plate / Breakaway Attachment (Per Detail Dwg.)
- 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 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.

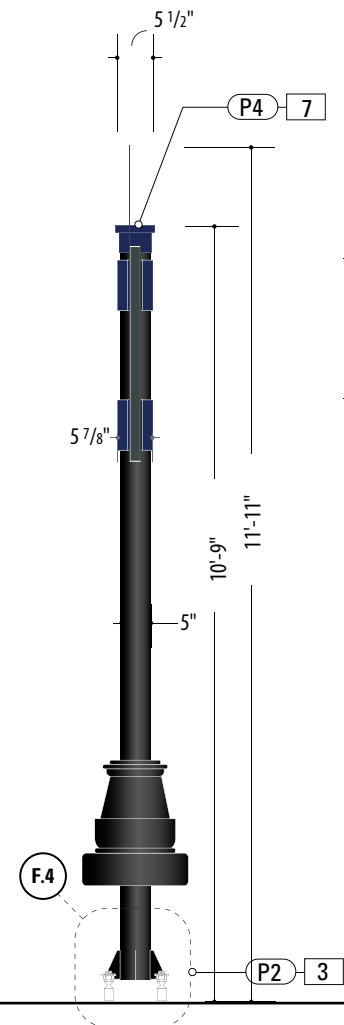
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
 5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		Montgomery, TX Wayfinding Program
		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE	4/26/24	VDIR.3 Vehicular Directional
DRAWN BY: KRD		
REVISIONS		SHEET NO.
These drawings are meant for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



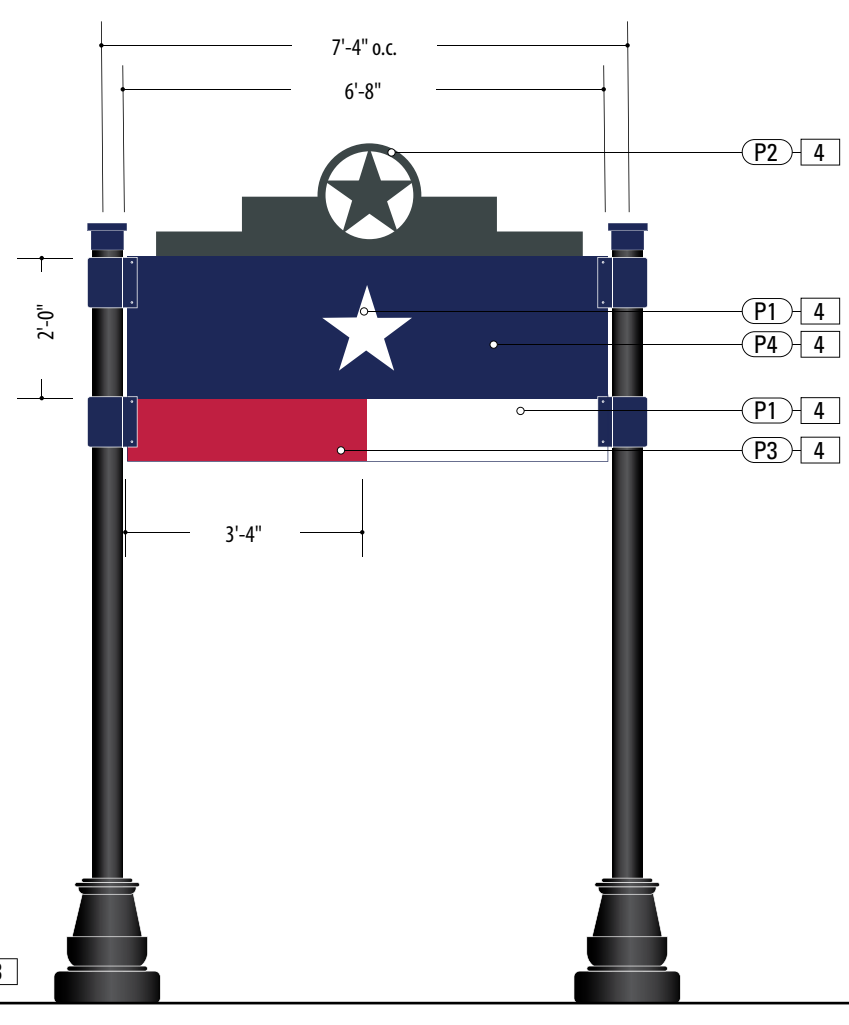
Plan View



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



Side View



Back View

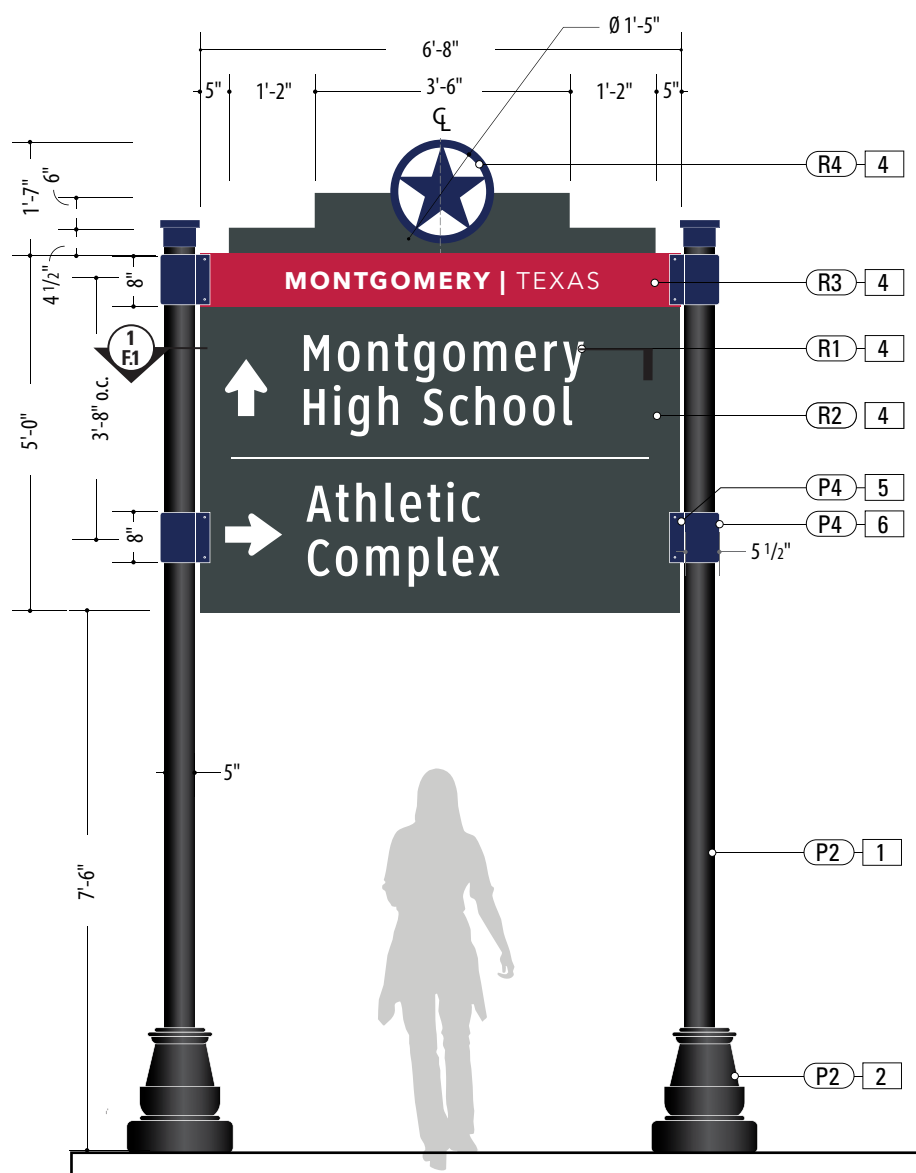
- 1. SUPPORT POST**
MATERIAL: 5" Dia. Alum. tube, .5" wall
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Welded Plate / Breakaway Attachment (Per Detail Dwg.)
- 2. DECORATIVE BASE**
PRODUCT: "Arlen 17" by Hapco
TYPE: 2-Piece Clamshell for Round Straight Pole
FABRICATION PROCESS: 356 Cast Aluminum
COLOR: as noted
- 3. BREAKAWAY ATTACHMENT**
Transpo PoleSafe #5075 Breakaway Assembly
Installed Per Engineer Req. (See Detail Page)
- 4. SIGN PANEL**
MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
FABRICATION PROCESS: Router Cut panel + Custom Fabricated
EDGES: Smooth
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminate (See Color Sheet for all color and material specifications)
REAR PANEL GRAPHIC BACKGROUND PROCESS: Mask + Spray Rear Sign Panel with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 5. FLAG BRACKET**
MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to to 1/4" Thk. Formed Alum. Mounting Bracket
FABRICATION PROCESS: Custom Fabricated
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 6. ACCENT SLEEVE**
MATERIAL: Aluminum Sheet, 1/8" thk.
FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
MATERIAL: Exterior Grade ABS / Nylon
FABRICATION PROCESS: Custom FDM 3D Printed
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure w/ concealed fasteners

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

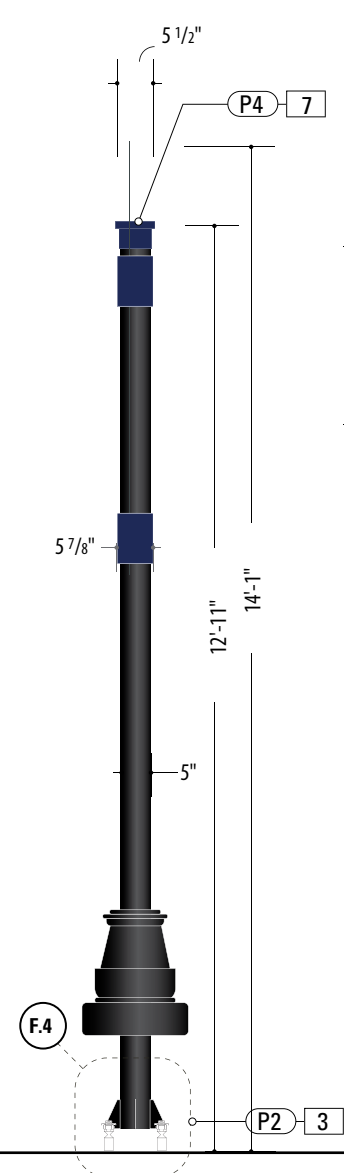
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE 4/26/24	DRAWN BY: KRD	VDIR.4 Vehicular Directional
These drawings are meant for DESIGN INTENT ONLY and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



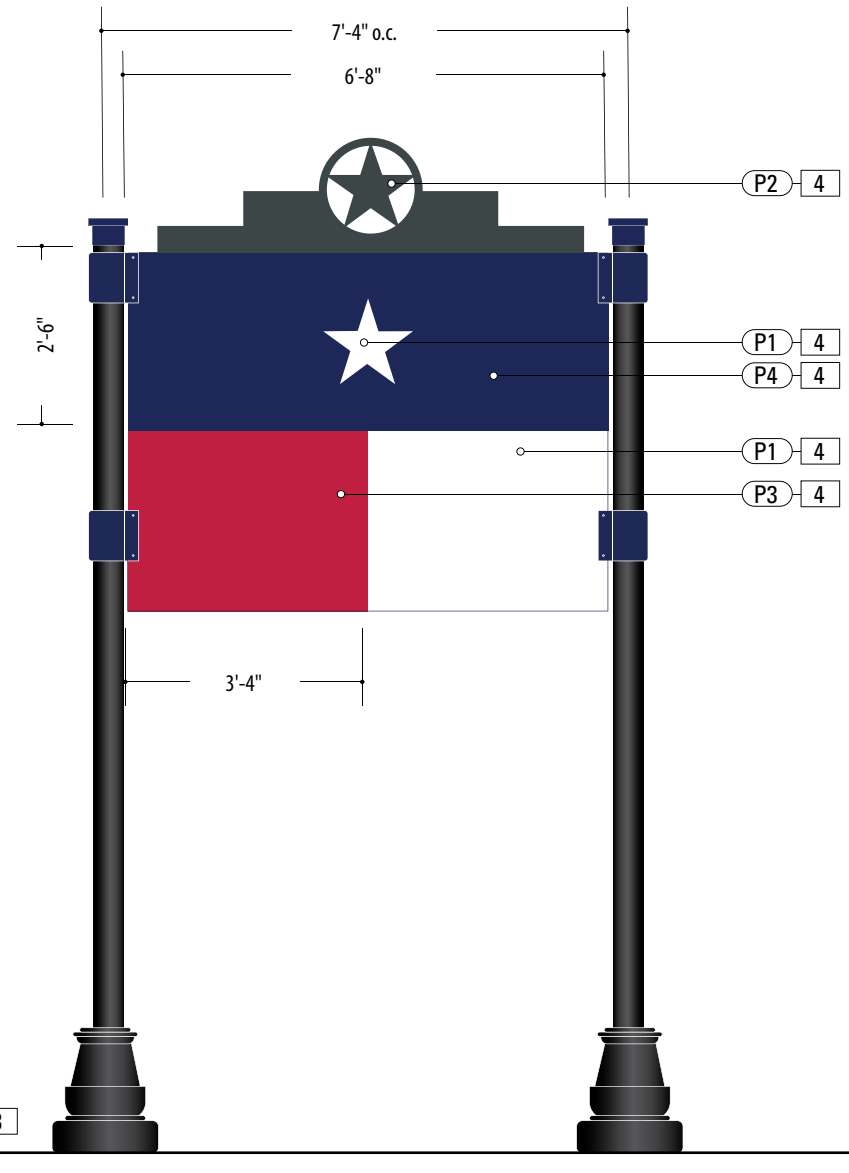
Plan View



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



Side View



Back View

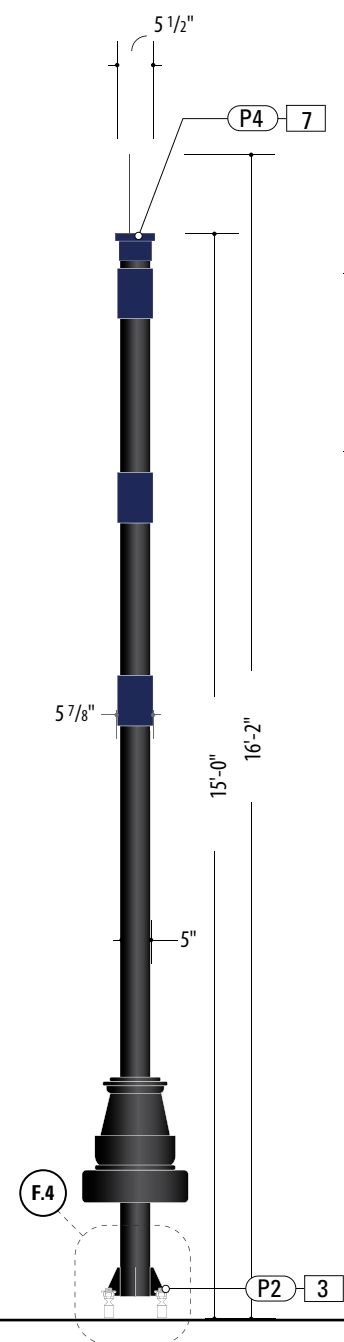
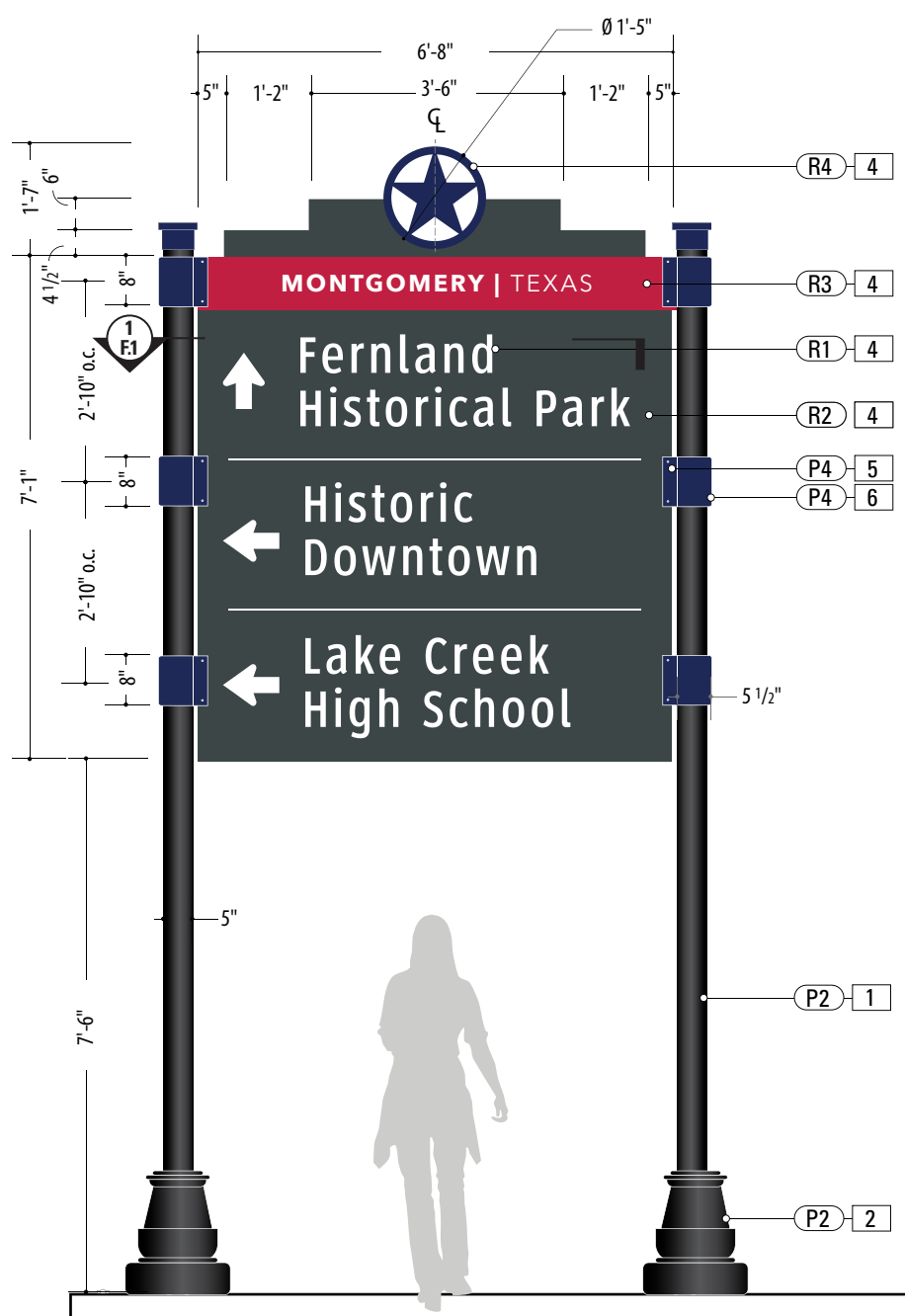
- 1. SUPPORT POST**
MATERIAL: 5" Dia. Alum. tube, .5" wall
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Welded Plate / Breakaway Attachment (Per Detail Dwg.)
- 2. DECORATIVE BASE**
PRODUCT: "Arlen 17" by Hapco
TYPE: 2-Piece Clamshell for Round Straight Pole
FABRICATION PROCESS: 356 Cast Aluminum
COLOR: as noted
- 3. BREAKAWAY ATTACHMENT**
Transpo PoleSafe #5075 Breakaway Assembly
Installed Per Engineer Req. (See Detail Page)
- 4. SIGN PANEL**
MATERIAL: .125" Thk. Aluminum Panel over 1 3/4" x 1 3/4" Alum. Tube Frame
FABRICATION PROCESS: Router Cut panel + Custom Fabricated
EDGES: Smooth
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminate (See Color Sheet for all color and material specifications)
REAR PANEL GRAPHIC BACKGROUND PROCESS: Mask + Spray Rear Sign Panel with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 5. FLAG BRACKET**
MATERIAL: 2 1/2" x 2 1/2 x 1/4" Alum. Channel welded to to 1/4" Thk. Formed Alum. Mounting Bracket
FABRICATION PROCESS: Custom Fabricated
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 6. ACCENT SLEEVE**
MATERIAL: Aluminum Sheet, 1/8" thk.
FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
MATERIAL: Exterior Grade ABS / Nylon
FABRICATION PROCESS: Custom FDM 3D Printed
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure w/ concealed fasteners

- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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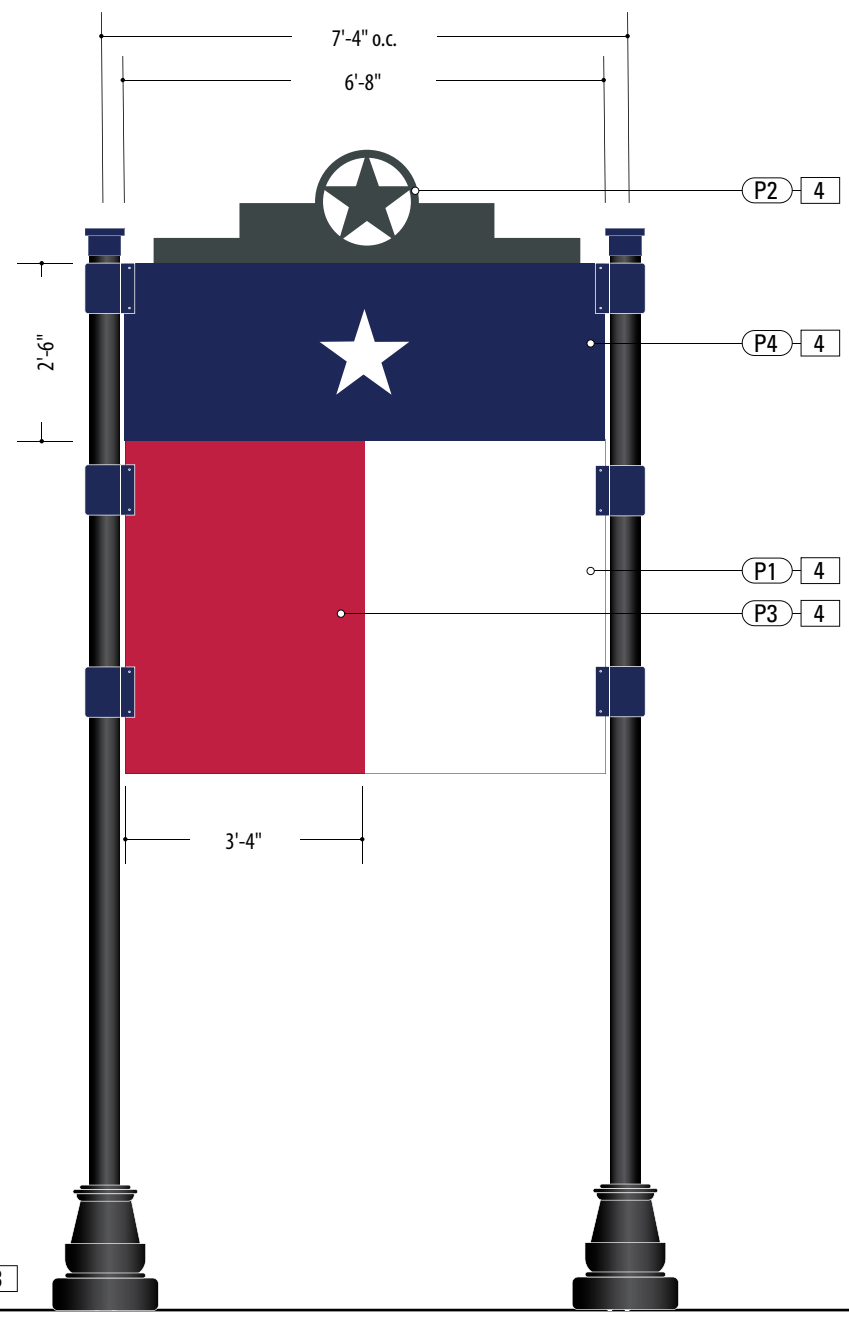
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE 4/26/24	DRAWN BY: KRD	VDIR.5 Vehicular Directional
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REVISIONS		SHEET NO.



Plan View



Side View



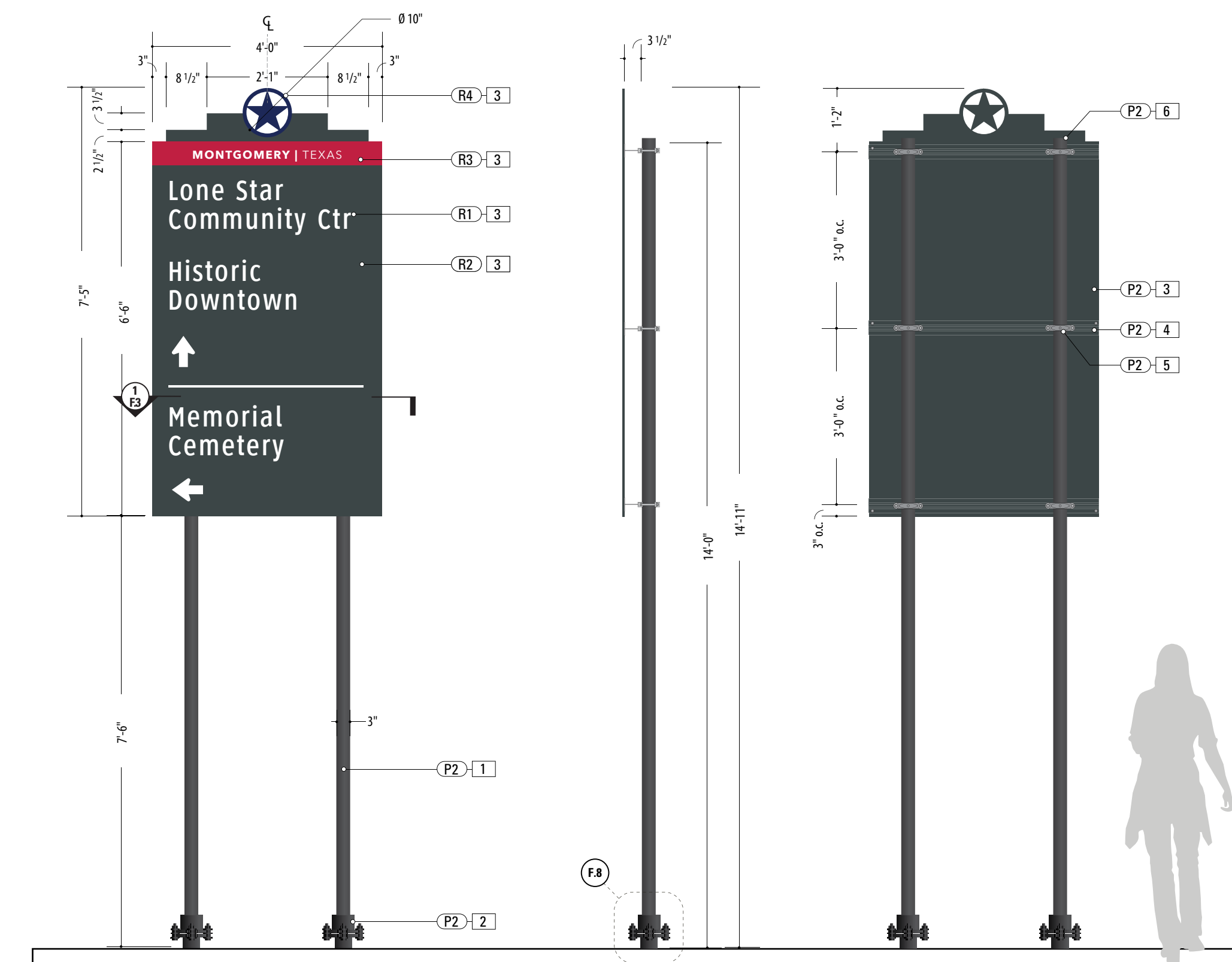
Back View

1 Front View: VDIR.6
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 1/4" Thk. Formed Alum. Mounting Bracket
FABRICATION PROCESS: Custom Fabricated
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 6. ACCENT SLEEVE**
MATERIAL: Aluminum Sheet, 1/8" thk.
FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required
- 7. POST CAP**
MATERIAL: Exterior Grade ABS / Nylon
FABRICATION PROCESS: Custom FDM 3D Printed
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure w/ concealed fasteners

- NOTES**
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ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE 4/26/24	DRAWN BY: KRD	VDIR.6 Vehicular Directional
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REVISIONS		SHEET NO.



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

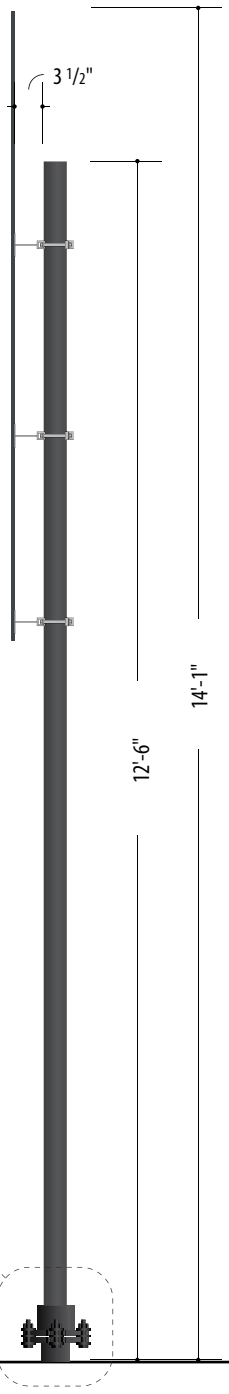
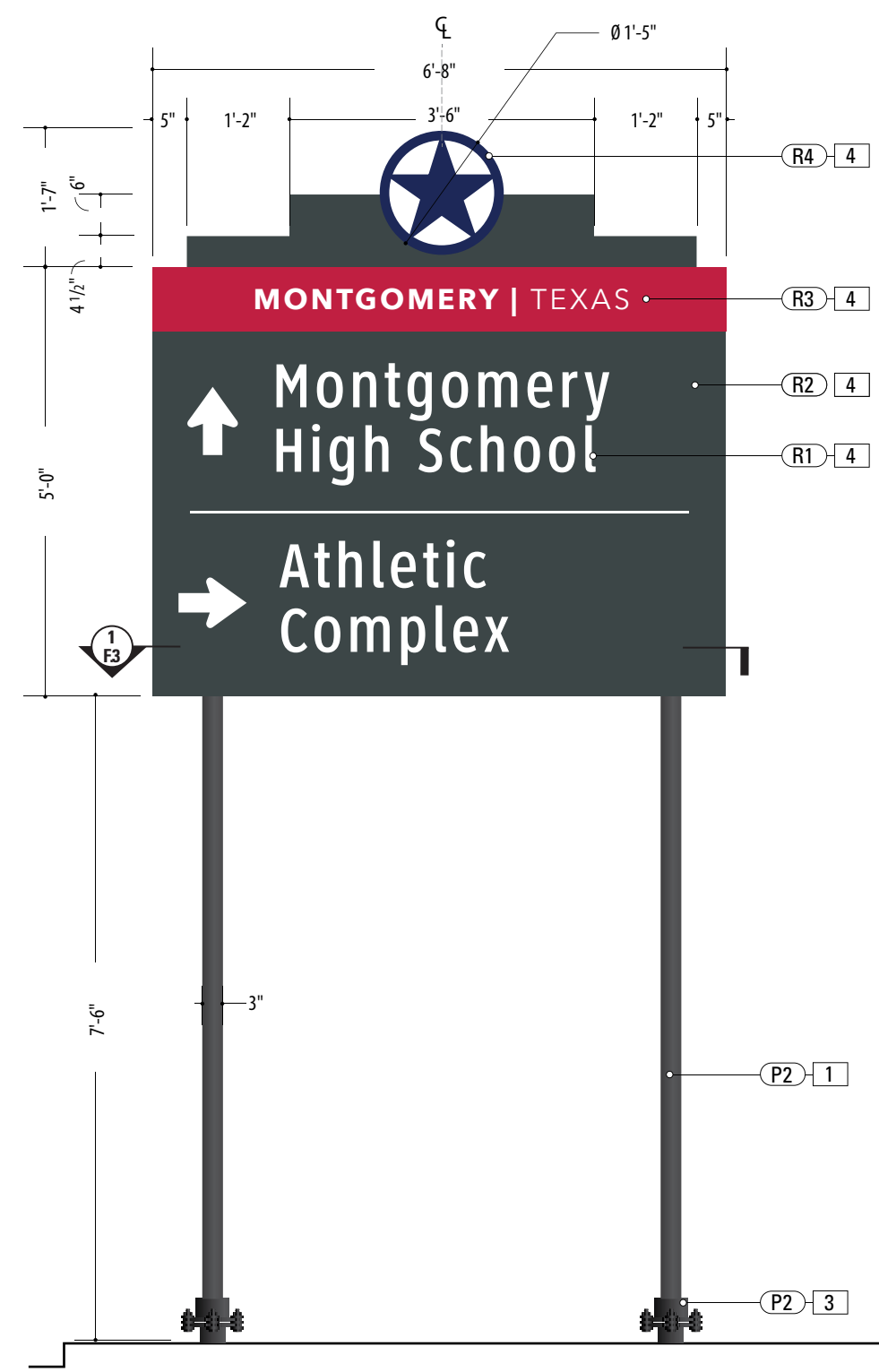
- 1. SUPPORT POST**
MATERIAL: 2 7/8" Dia. A500 Grade C Sch-80 Steel Pipe, .276" wall
FABRICATION PROCESS: Extruded
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: TXDOT Triangular SlipBase Breakaway Assembly (Per Detail Dwg.)
- 2. BREAKAWAY ATTACHMENT**
TXDOT Triangular SlipBase Breakaway Assembly Installed Per Engineer Req. (See Detail Page)
- 3. SIGN PANEL**
MATERIAL: .125" Thk. Aluminum Panel
FABRICATION PROCESS: Router Cut panel + Custom Fabricated
EDGES: Smooth
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminate (See Color Sheet for all color and material specifications)
FASTENERS: Secured w/ S.S. mechanical fasteners (per Detail) to flange of TXDOT extruded aluminum Windbeam
- 4. WINDBEAM**
MATERIAL: TXDOT Extruded Alum. Windbeam
- Cut to Length per Engineer Requirements.
FABRICATION PROCESS: Extruded
EDGES: Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure to Universal Sign Clamp at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 5. SIGN CLAMP**
MATERIAL: TXDOT Universal Sign Clamp
FABRICATION PROCESS: Cast Steel
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Secure to TXDOT Windbeam at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 6. POST CAP**
MATERIAL: TXDOT Pressure-Cap for 2 7/8"
FABRICATION PROCESS: Rolled Steel
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENERS: Press-Seal to top of Support Post

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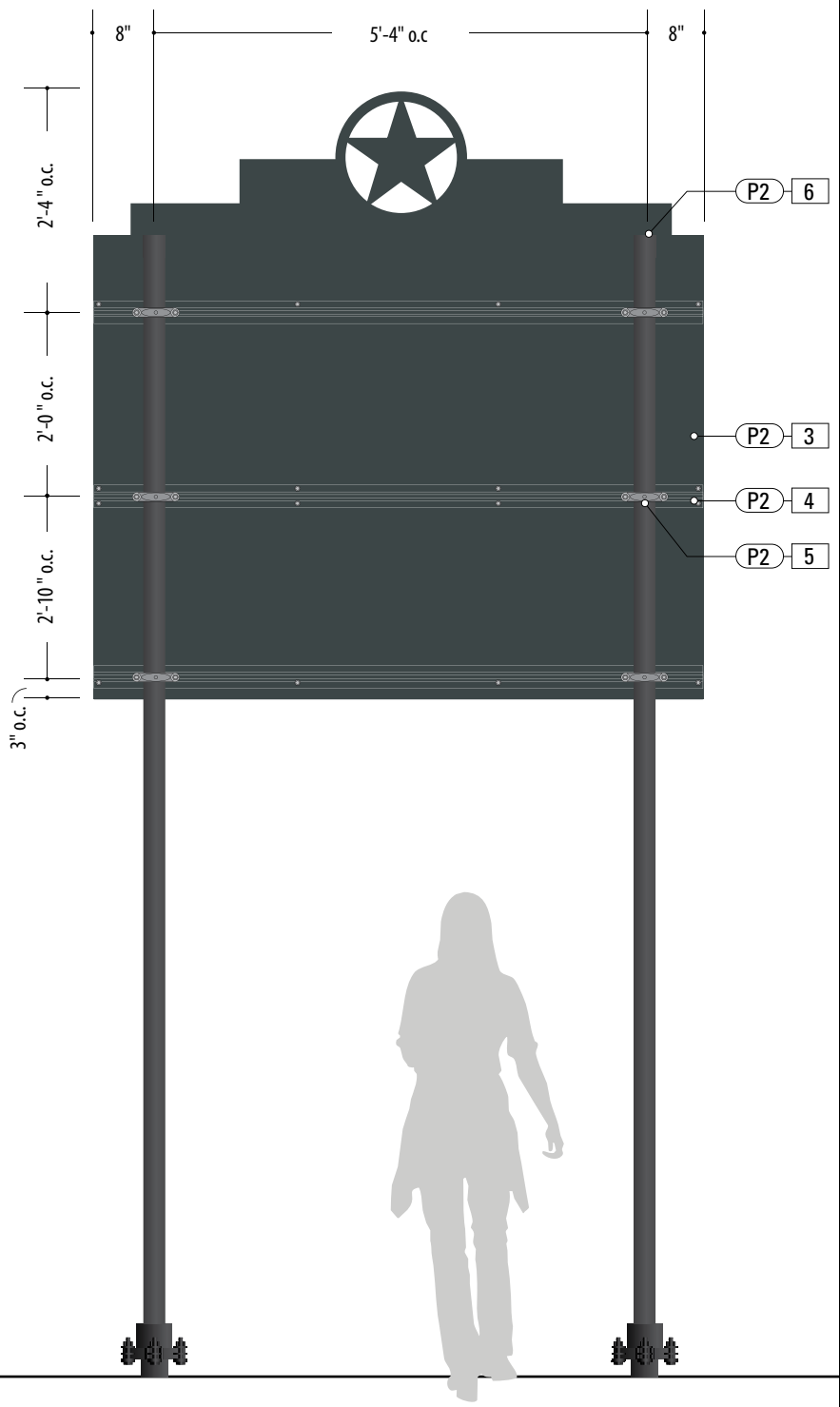
ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT Montgomery, TX Wayfinding Program
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE VDIR.3 TXDOT Vehicular Directional
DATE 4/26/24	DRAWN BY: KRD	SHEET NO.
These drawings are meant for DESIGN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



Plan View



Side View



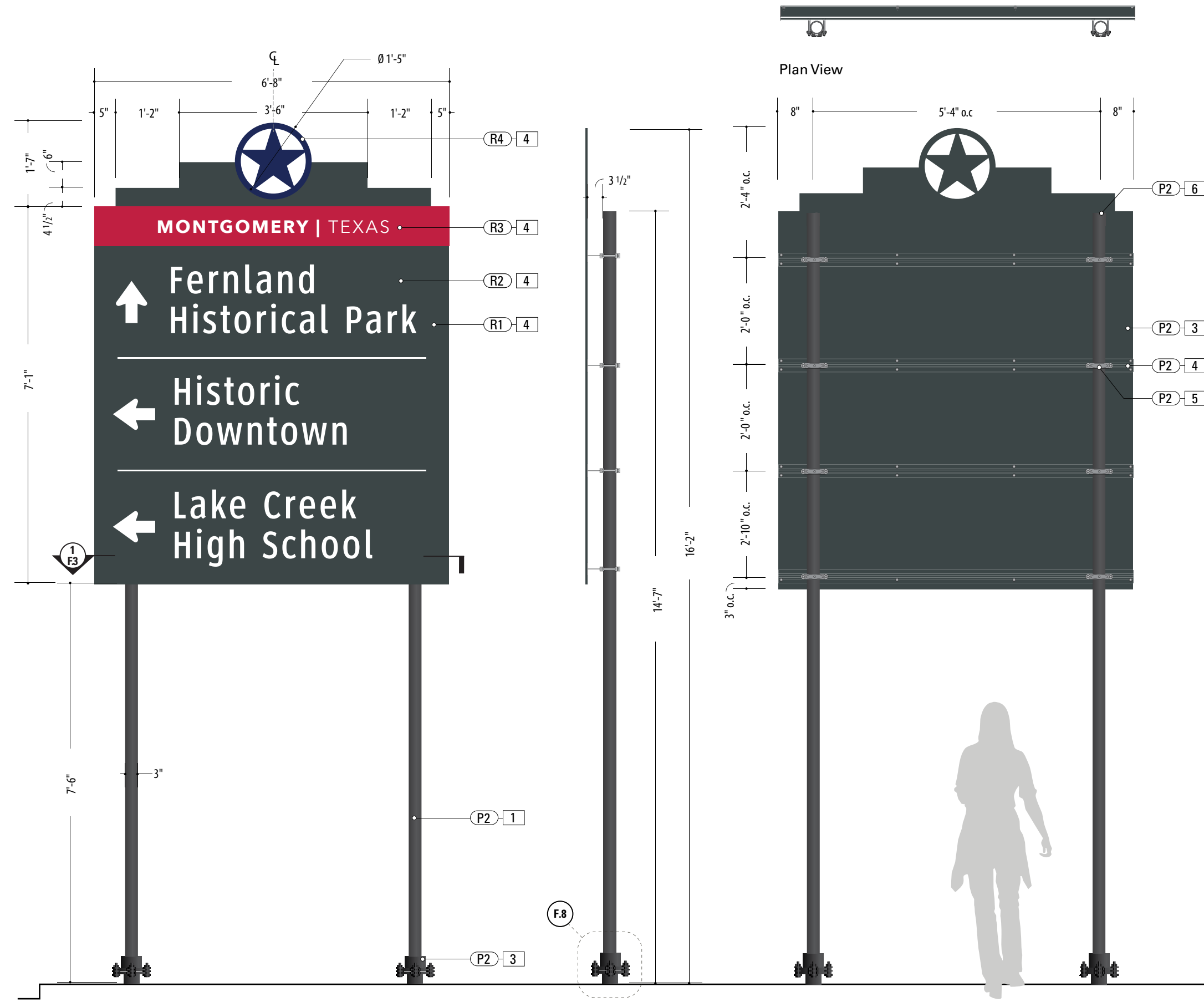
Back View

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 UV) clear coat or vinyl over laminate.
 3. Hardware: All exposed hardware shall be tamper proof fasteners.
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ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT <p style="text-align: center;">Montgomery, TX Wayfinding Program</p>
5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE 4/26/24	DRAWN BY: KRD	VDIR.5 TXDOT Vehicular Directional
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET NO.
		D.10



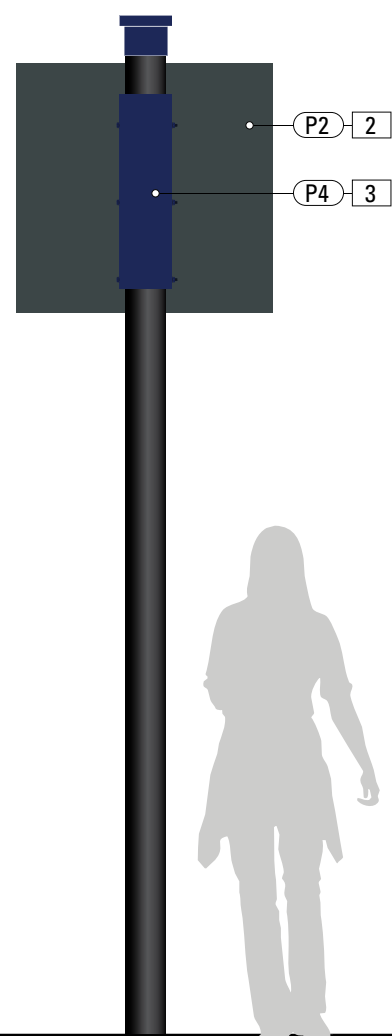
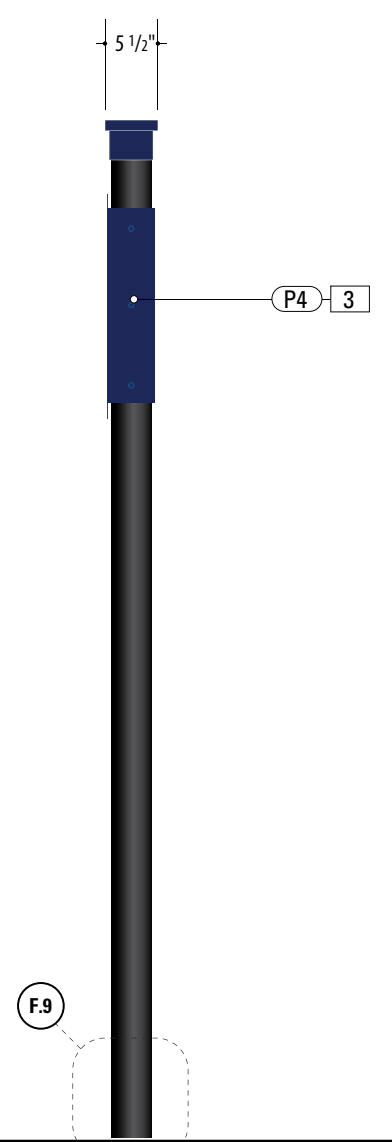
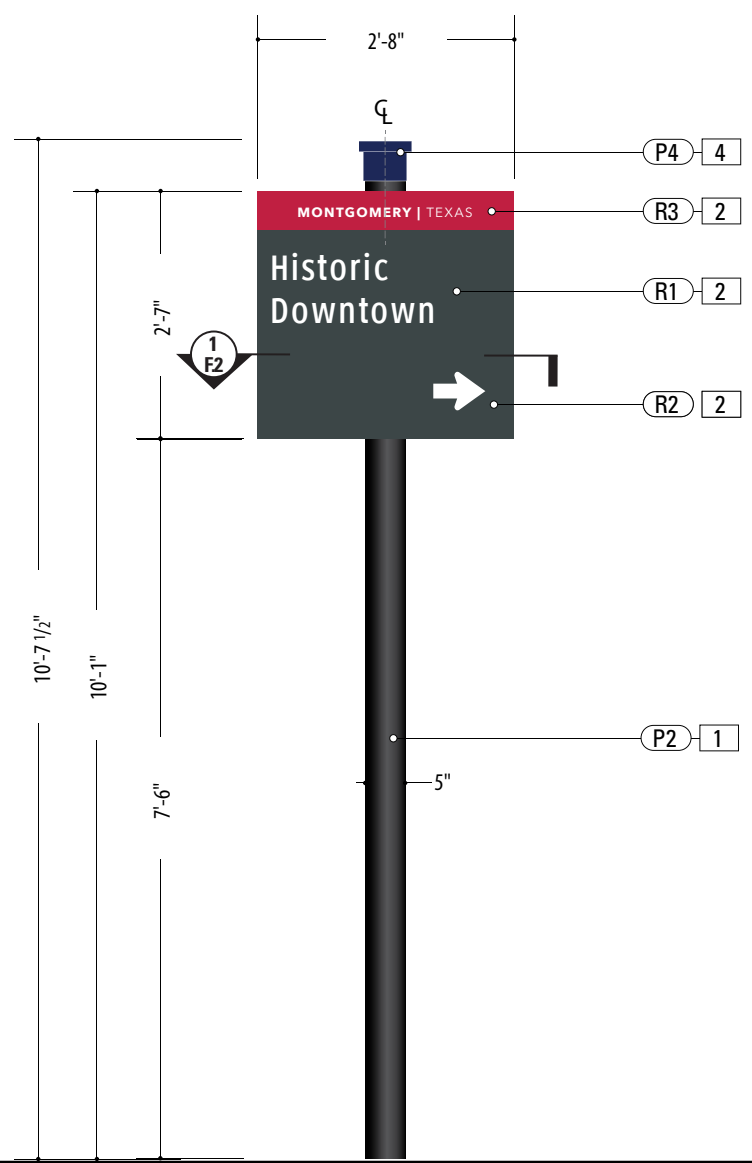
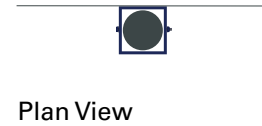
SPECIFICATIONS **SIGN TYPE:** VDIR.6.TXDOT **FUNCTION:** Vehicular Directional

- 1. SUPPORT POST**
 MATERIAL: 2 7/8" Dia. A500 Grade C Sch-80 Steel Pipe, .276" wall
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FOOTER: TXDOT Triangular SlipBase Breakaway Assembly (Per Detail Dwg.)
- 2. BREAKAWAY ATTACHMENT**
 TXDOT Triangular SlipBase Breakaway Assembly Installed Per Engineer Req. (See Detail Page)
- 3. SIGN PANEL**
 MATERIAL: .125" Thk. Aluminum Panel
 FABRICATION PROCESS: Router Cut panel + Custom Fabricated
 EDGES: Smooth
 GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminate (See Color Sheet for all color and material specifications)
 FASTENERS: Secured w/ S.S. mechanical fasteners (per Detail) to flange of TXDOT extruded aluminum Windbeam
- 4. WINDBEAM**
 MATERIAL: TXDOT Extruded Alum. Windbeam - Cut to Length per Engineer Requirements.
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure to Universal Sign Clamp at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 5. SIGN CLAMP**
 MATERIAL: TXDOT Universal Sign Clamp
 FABRICATION PROCESS: Cast Steel
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Secure to TXDOT Windbeam at Support Post w/ Square Head Bolt, Nut + washer(s) (See Detail Page)
- 6. POST CAP**
 MATERIAL: TXDOT Pressure-Cap for 2 7/8" Steel Pipe
 FABRICATION PROCESS: Rolled Steel
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FASTENERS: Press-Seal to top of Support Post

- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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ENVIRONMENTS & EXPERIENCES  5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		CLIENT / PROJECT
		Montgomery, TX Wayfinding Program
SUBCONSULTANT		PROJECT NO.
DATE	4/26/24	DRAWN BY: KRD
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET TITLE
		VDIR.6 TXDOT Vehicular Directional
		SHEET NO.
		D.11

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



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

Side View

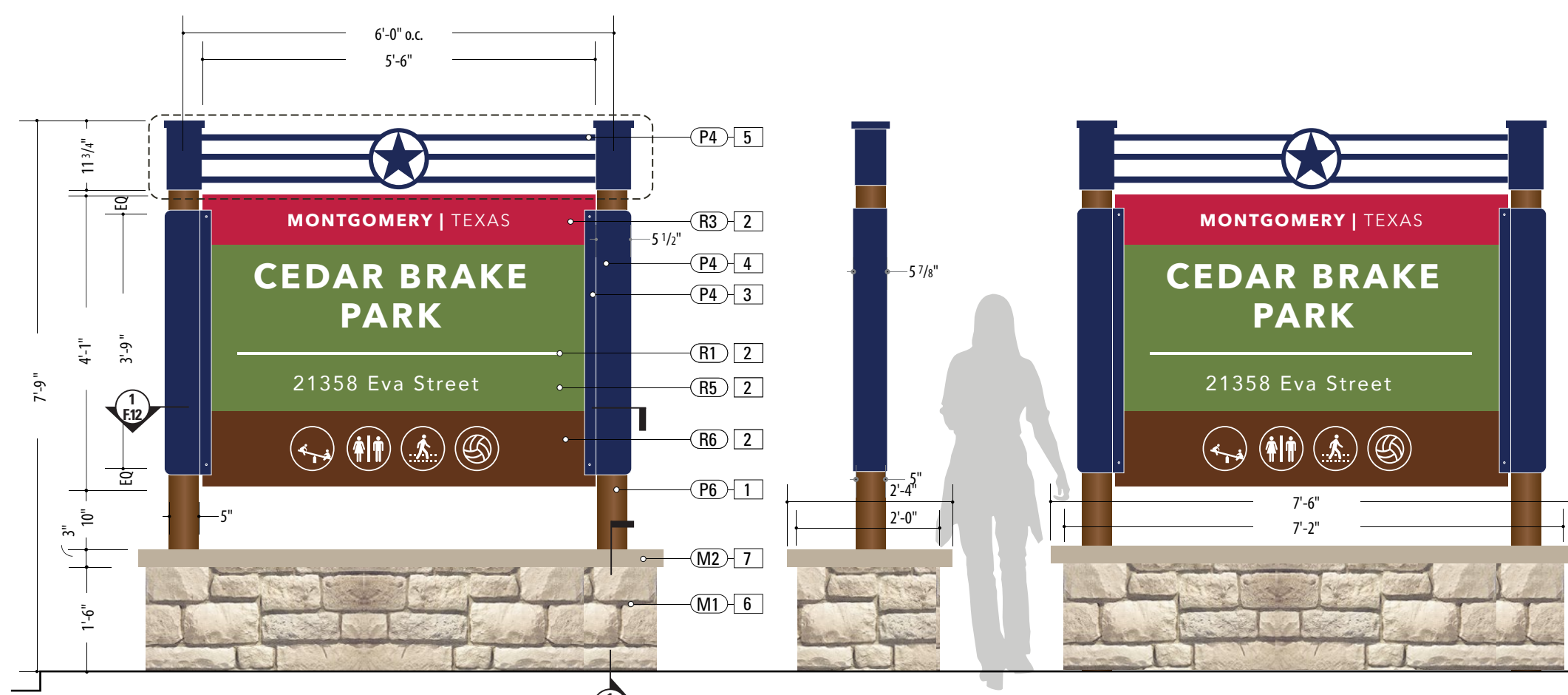
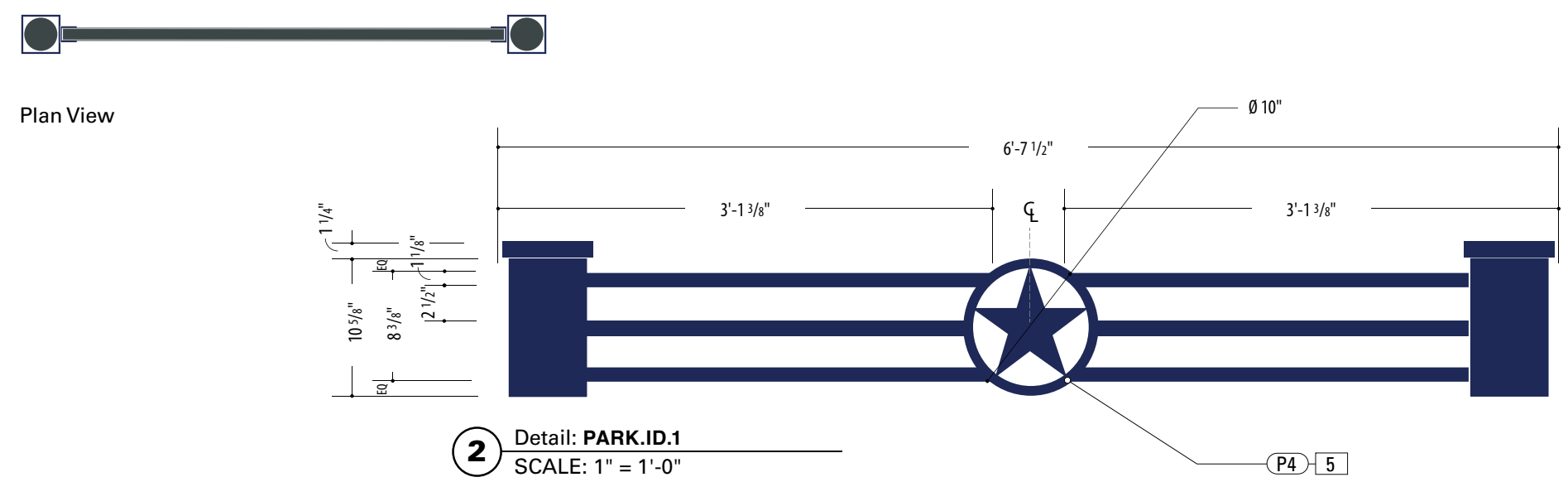
Back View

SPECIFICATIONS	SIGN TYPE: RES.1	FUNCTION: Vehicular Directional
<p>1. SUPPORT POST MATERIAL: 5" Dia. Alum. tube, .5" wall FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FOOTER: Match Plate w/ Direct Bury post into concrete footer (Per Detail Dwg.)</p>		<p>4. POST CAP MATERIAL: Exterior Grade ABS / Nylon FABRICATION PROCESS: Custom FDM 3D Printed COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENERS: Secure w/ concealed fasteners</p>
<p>2. SIGN PANEL MATERIAL: .25" Thk. Aluminum Panel FABRICATION PROCESS: Router Cut EDGES: Smooth GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminate (See Color Sheet for all color and material specifications) FASTENER: Welded mounting bracket at 2nd Surface for Support Post Attachment (Per Detail)</p>		
<p>3. ACCENT SLEEVE MATERIAL: Aluminum Sheet, 1/8" thk. FABRICATION PROCESS: Custom router cut shape w/ 90° break form bend COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENERS: Secure through Cover / Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p>		

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.

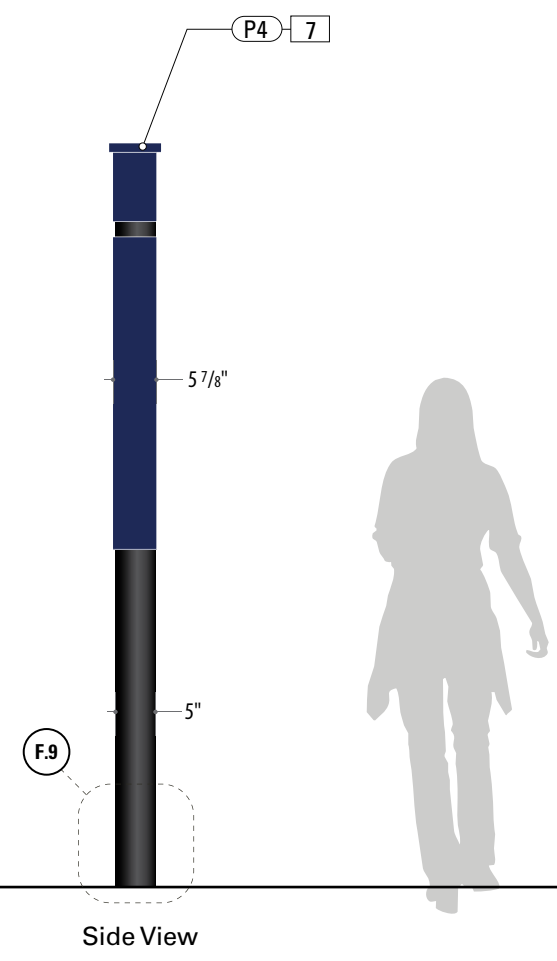
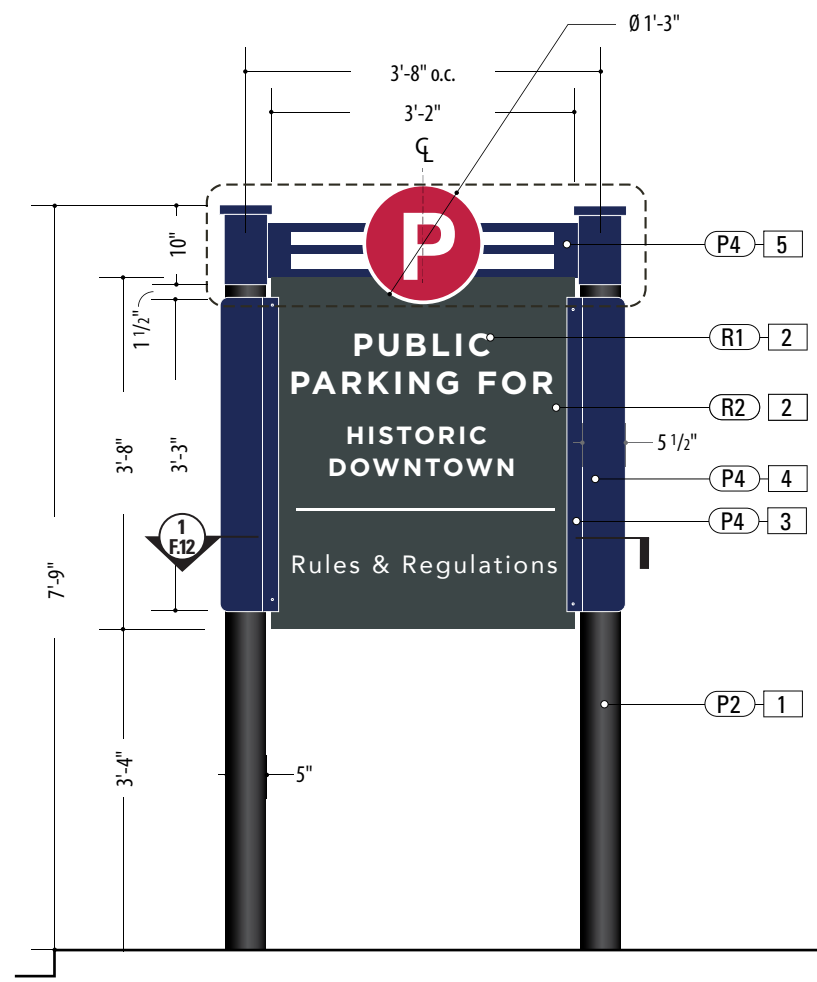
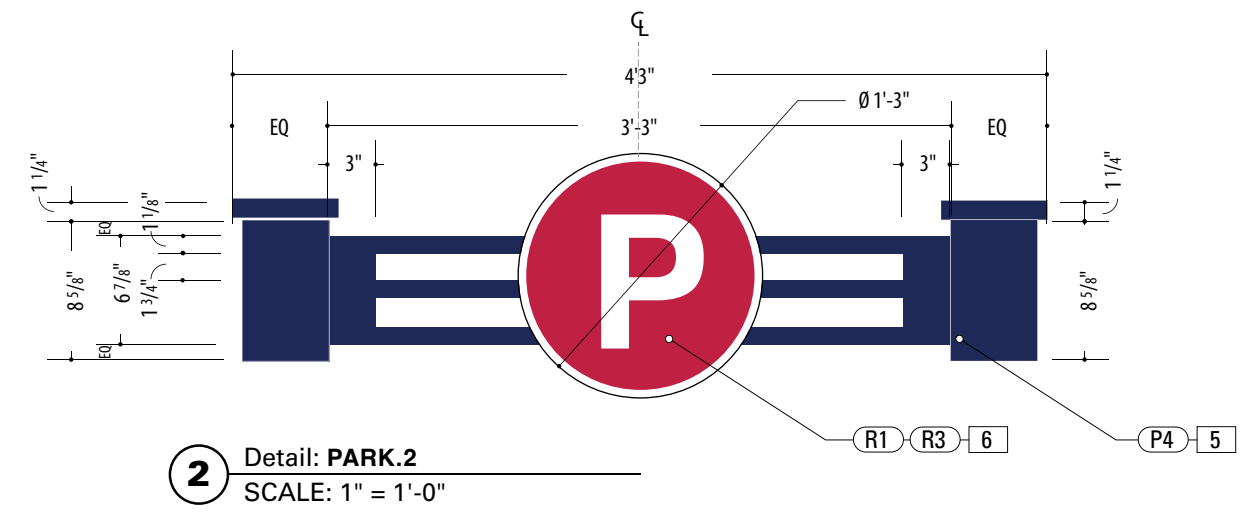
ENVIRONMENTS & EXPERIENCES 5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		CLIENT / PROJECT Montgomery, TX Wayfinding Program
SUBCONSULTANT		PROJECT NO.
DATE	DRAWN BY:	SHEET TITLE
4/26/24	KRD	
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REVISIONS		
		D.12



- 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. 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 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
- 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

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

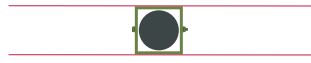
ENVIRONMENTS & EXPERIENCES  5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		CLIENT / PROJECT Montgomery, TX Wayfinding Program
SUBCONSULTANT		PROJECT NO.
DATE 4/26/24	DRAWN BY: KRD	SHEET TITLE PARK.ID.1 Parking Identification
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET NO. D.13



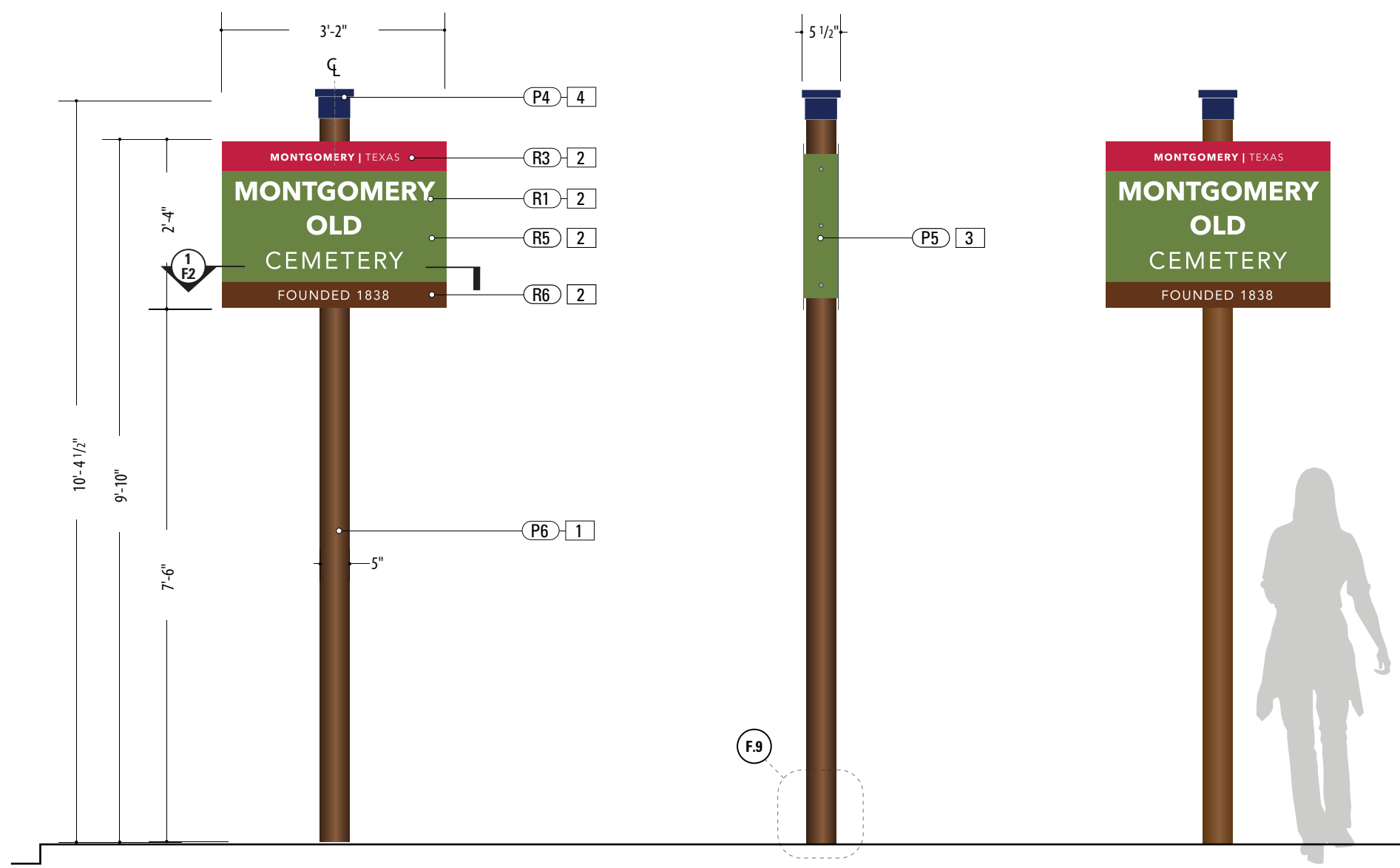
SPECIFICATIONS	SIGN TYPE: PARK.2	FUNCTION: Parking ID	Item 2.
<p>1. SUPPORT POST MATERIAL: 5" Dia. Alum. tube, .5" wall FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FOOTER: Match Plate w/ Direct Bury post into concrete footer (Per Detail Dwg.)</p>	<p>2. SIGN PANEL MATERIAL: .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</p>	<p>4. ACCENT SLEEVE MATERIAL: Aluminum Sheet, 1/8" thk. FABRICATION PROCESS: Custom router cut shape w/ 90° brake form bend COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p>	
<p>3. MOUNTING BRACKET MATERIAL: 2 1/2" x 2 1/2" x 1/4" Alum. Channel welded to 1/4" Thk. Formed Alum. Mounting Bracket FABRICATION PROCESS: Custom Fabricated EDGES: Smooth SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish. FASTENERS: Secure through Flag Bracket + Sleeve to Structural Post w/ Thru-Bolts + washer Secure w/ locknut + washer - Quantity as structurally required</p>		<p>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</p>	
		<p>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</p>	

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

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SUBCONSULTANT		PROJECT NO.
DATE	DRAWN BY:	SHEET TITLE
4/26/24	KRD	
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REVISIONS		
		D.14



Plan View




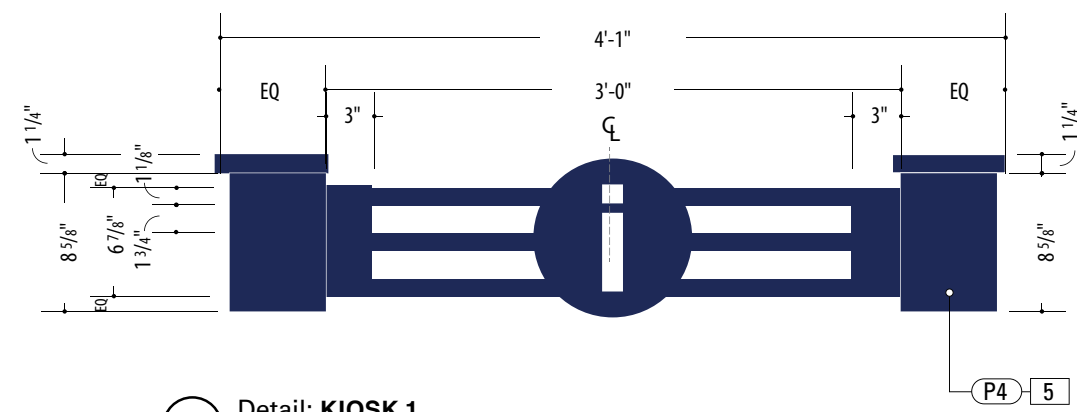
1 Front View: PARK.ID.2
SCALE: 1/2" = 1'-0"

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

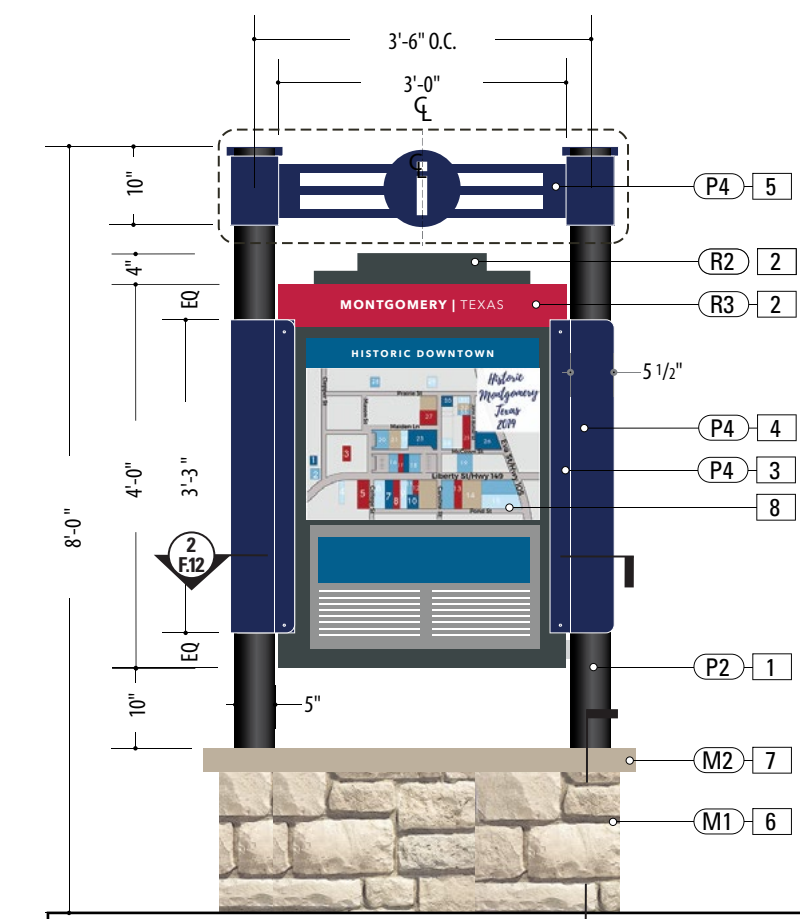
- | | |
|--|---|
| <p>1. SUPPORT POST
 MATERIAL: 5" Dia. Alum. tube, .5" wall
 FABRICATION PROCESS: Extruded
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
 FOOTER: Match Plate w/ Direct Bury post into concrete footer (Per Detail Dwg.)</p> <p>2. SIGN PANEL
 MATERIAL: .25" Thk. Aluminum Panel
 FABRICATION PROCESS: Router Cut
 EDGES: Smooth
 GRAPHIC BACKGROUND AND COPY PROCESS:
 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminate (See Color Sheet for all color and material specifications)
 FASTENER: Welded mounting bracket at 2nd Surface for Support Post Attachment (Per Detail)</p> <p>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</p> | <p>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</p> |
|--|---|

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

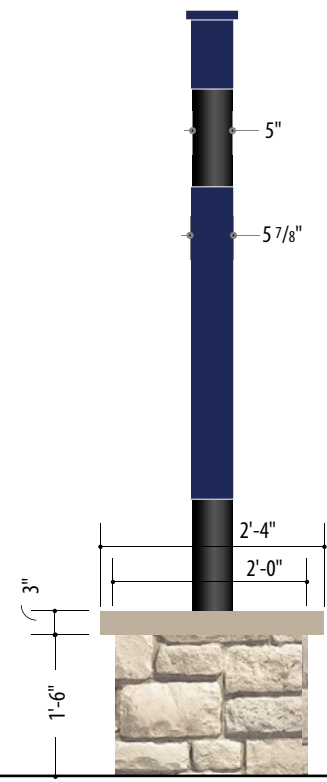
ENVIRONMENTS & EXPERIENCES  5 W. Gay Street West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		CLIENT / PROJECT
		Montgomery, TX Wayfinding Program
SUBCONSULTANT		PROJECT NO.
DATE	4/26/24	SHEET TITLE
DRAWN BY:	KRD	
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REVISIONS		
SHEET NO.		D.15



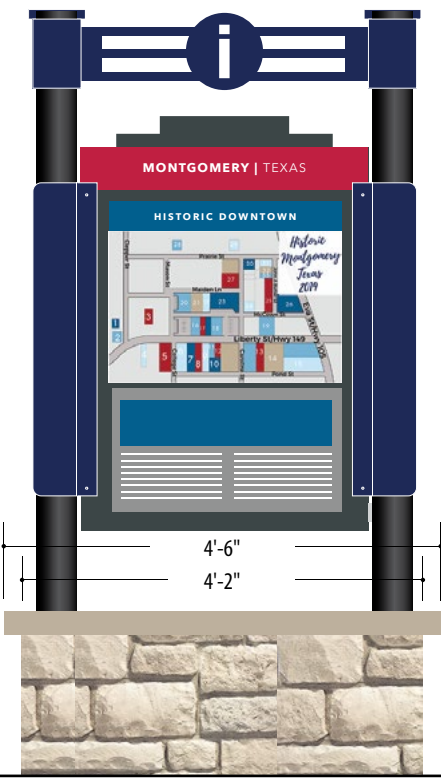
2 Detail: KIOSK.1
SCALE: 1" = 1'-0"



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



Side View



Back View

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

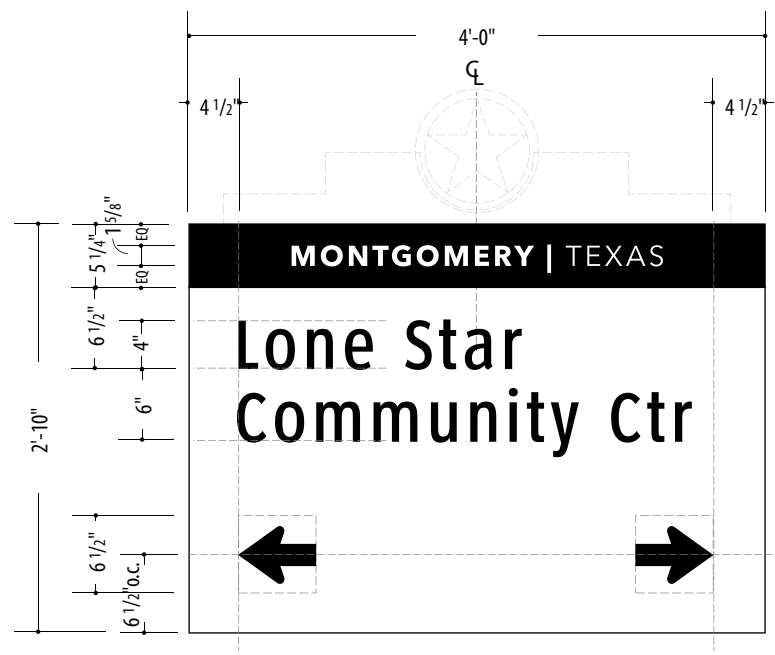
- NOTES**
- Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 - All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
 - Hardware: All exposed hardware shall be tamper proof fasteners.
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ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
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		PROJECT NO.
SUBCONSULTANT		SHEET TITLE
DATE	DRAWN BY:	<p>KIOSK.1 Informational Kiosk</p>
4/26/24	KRD	
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		SHEET NO.
		<p>D.16</p>

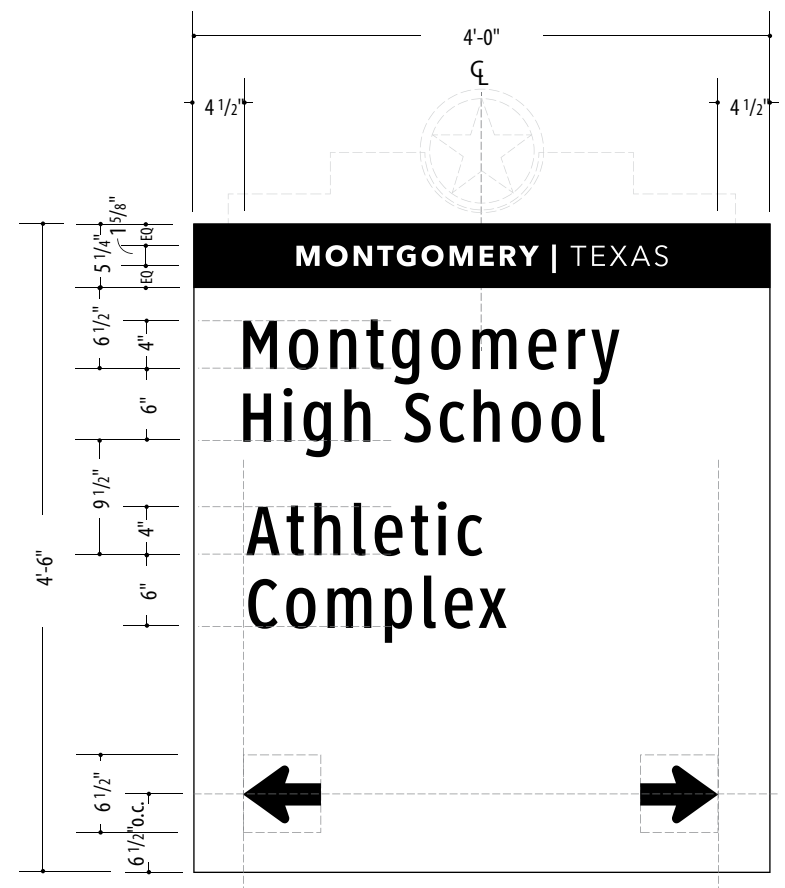
E | Graphic Layouts

SPECIFICATIONS

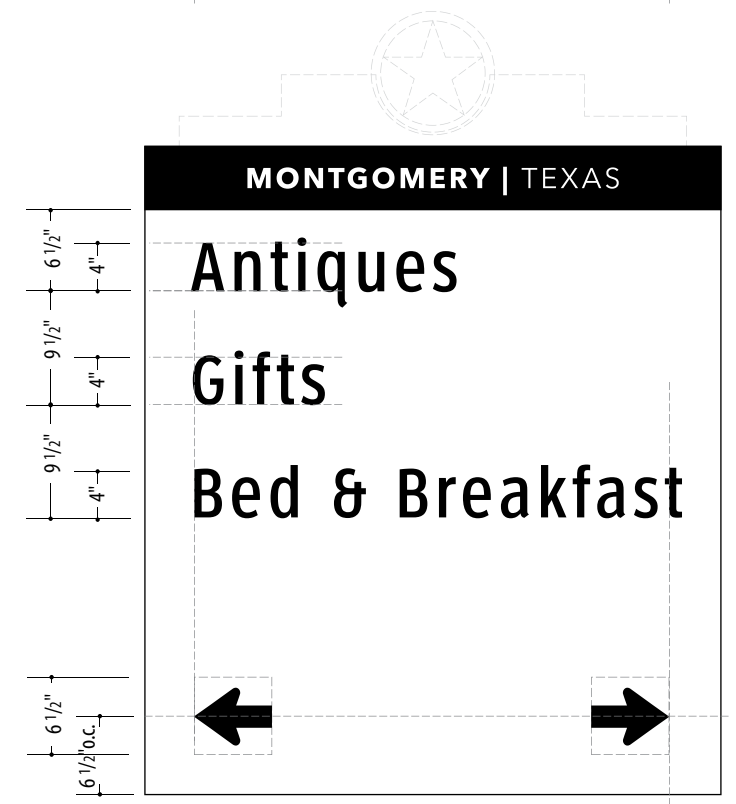
VDIR.1
VDIR.2



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



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



- NOTES:
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ENVIRONMENTS & EXPERIENCES

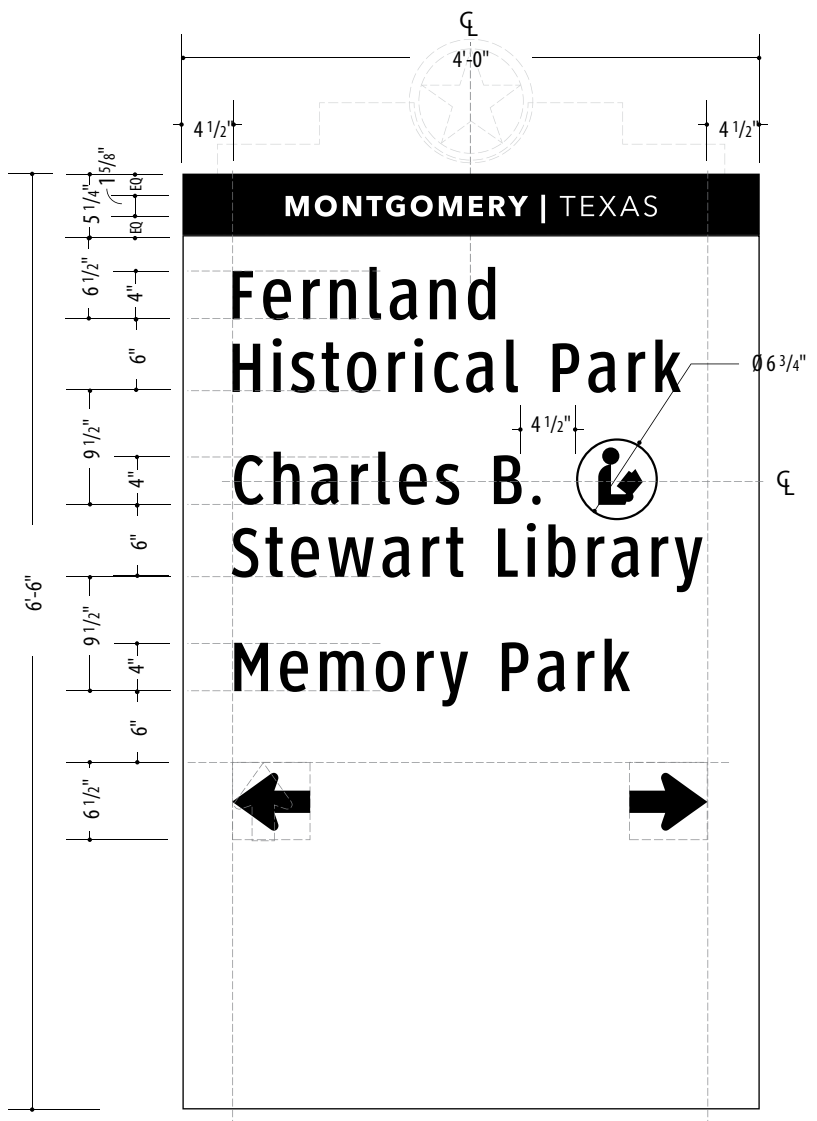
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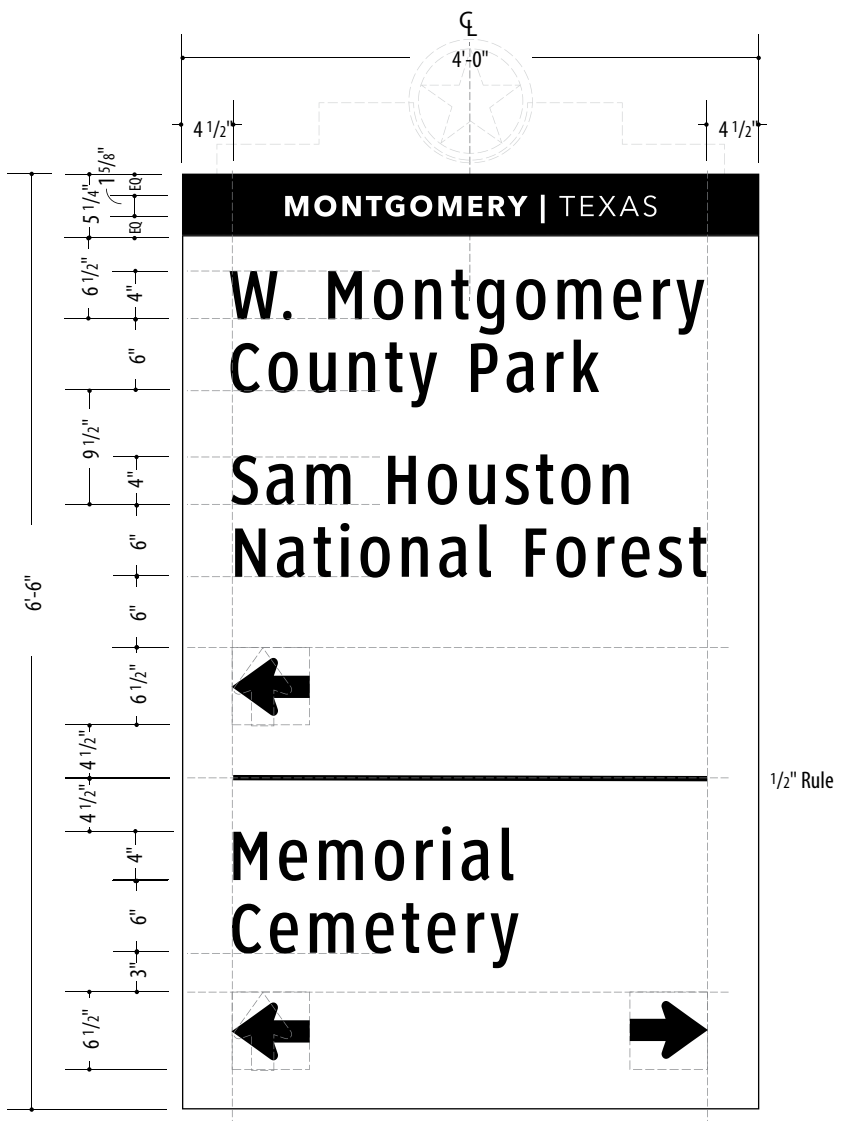
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	
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REVISIONS	SHEET TITLE Graphic Layout
	SHEET NO.

SPECIFICATIONS

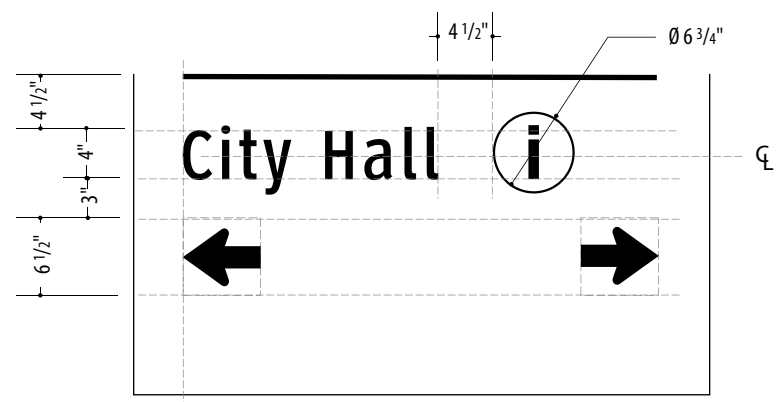
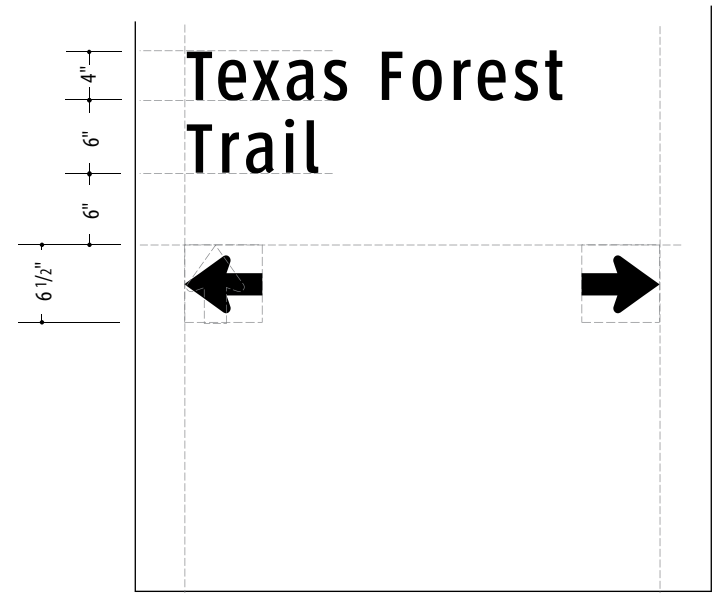
VDIR.3
VDIR.3 TXDOT



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"



1/2" Rule

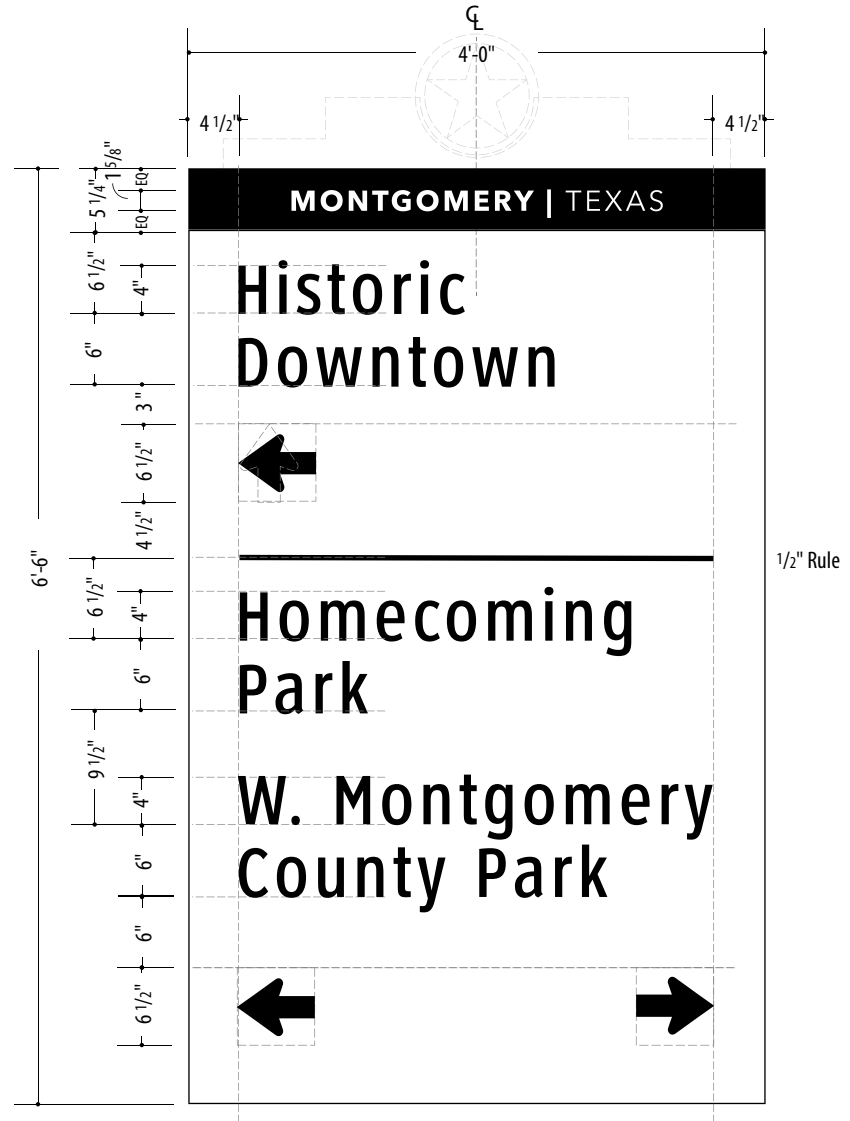
- NOTES:
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ENVIRONMENTS & EXPERIENCES

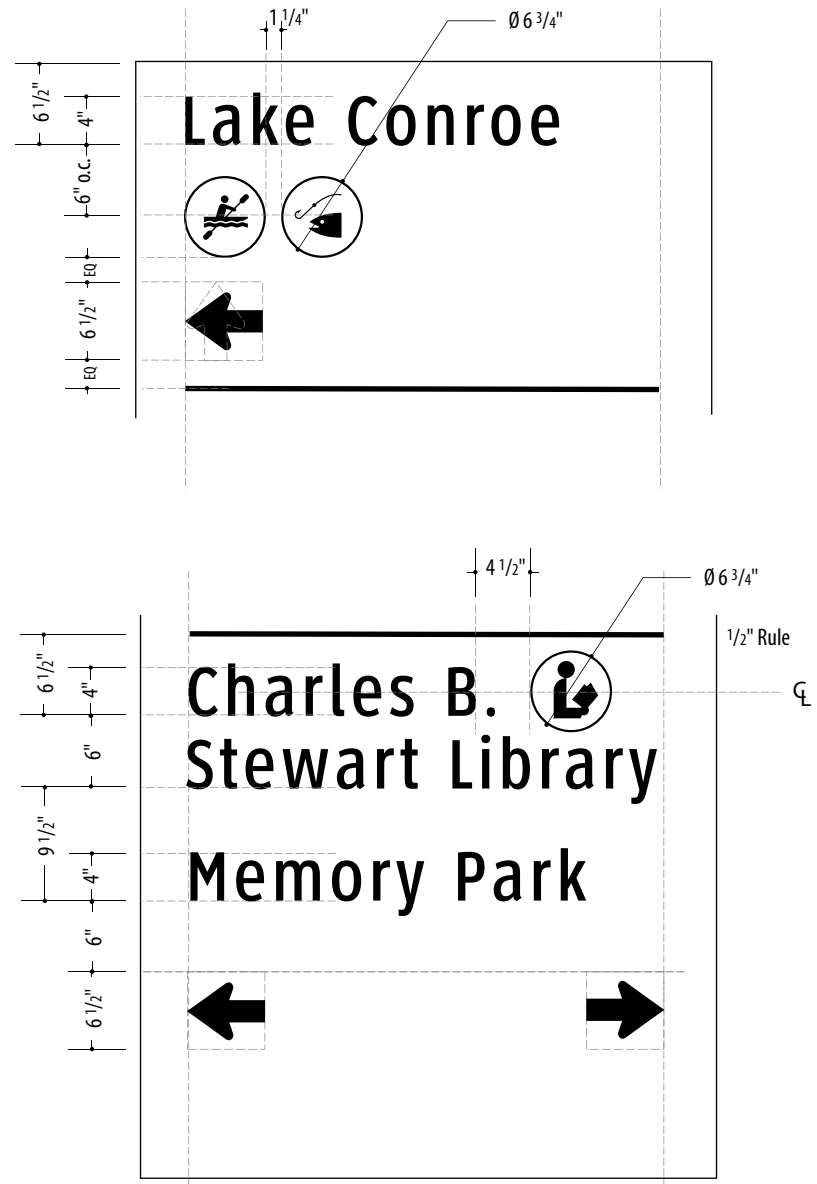
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DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO.
REVISIONS	



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



SPECIFICATIONS

VDIR.3

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

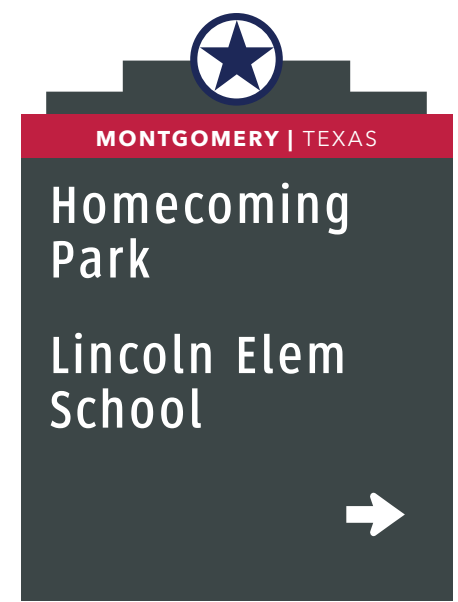
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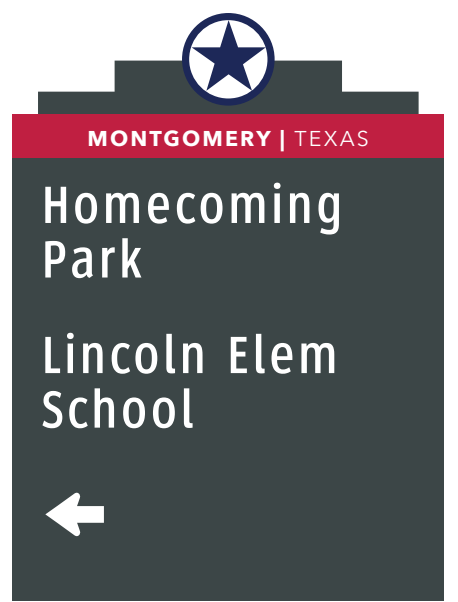
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	
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	SHEET TITLE Graphic Layout
REVISIONS	SHEET NO.
	E.3

SPECIFICATIONS

VDIR.1
VDIR.2



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"

NOTES:
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ENVIRONMENTS & EXPERIENCES

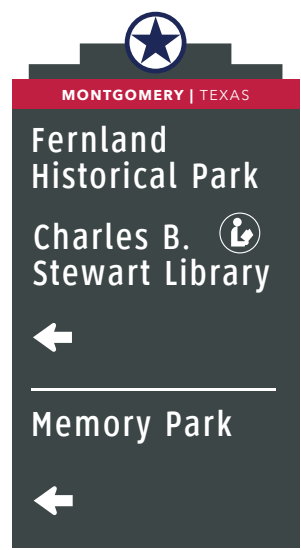
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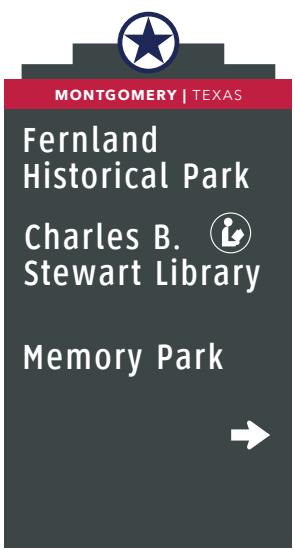
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
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	SHEET TITLE Graphic Layout
REVISIONS	SHEET NO.

SPECIFICATIONS

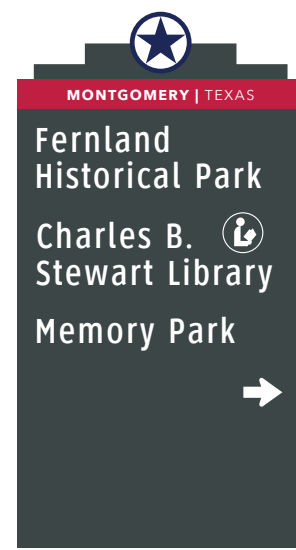
**VDIR.3
VDIR.3 TXDOT**



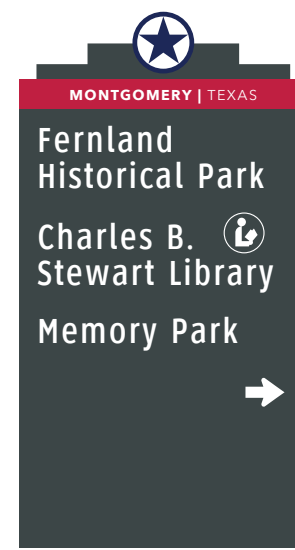
104



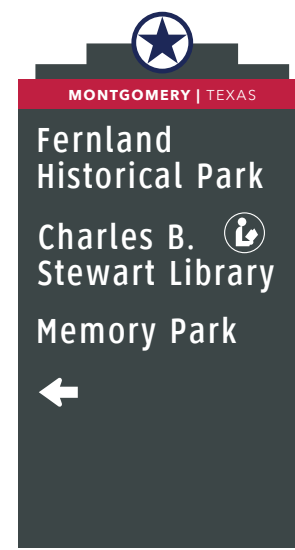
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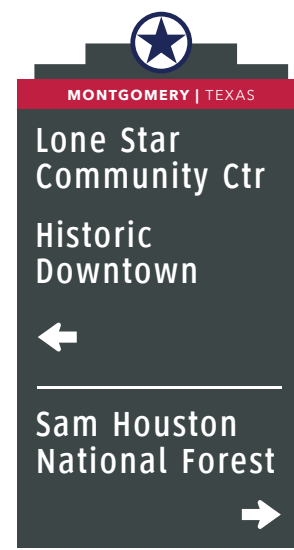
106



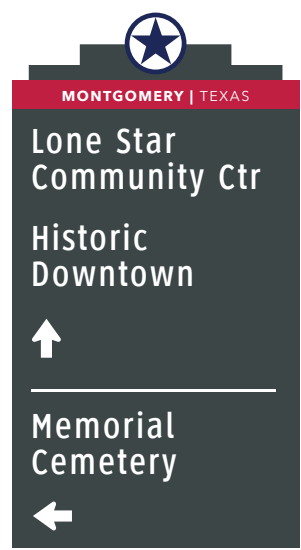
107



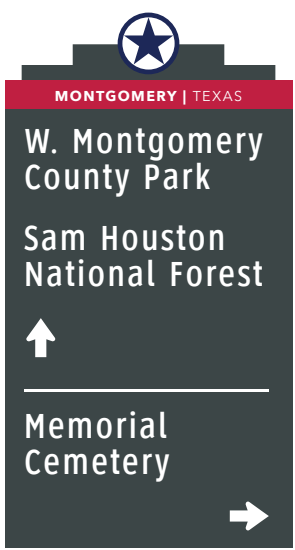
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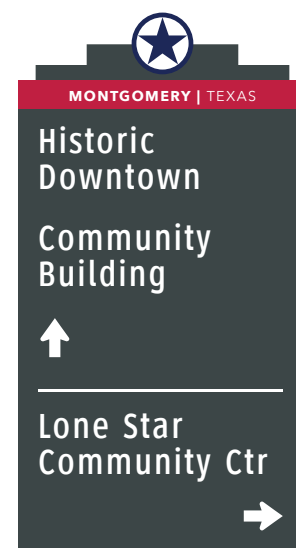
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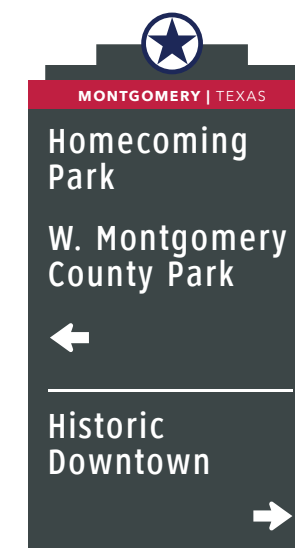
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112



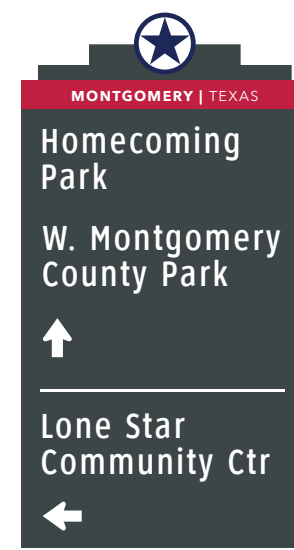
115



116



117



118

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

- NOTES:
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ENVIRONMENTS & EXPERIENCES

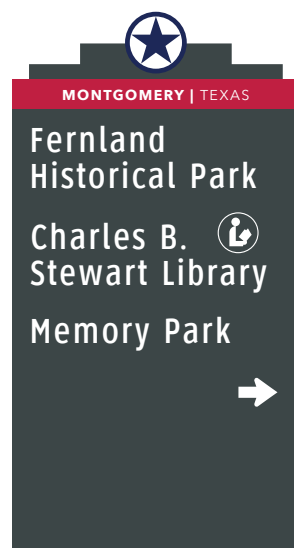
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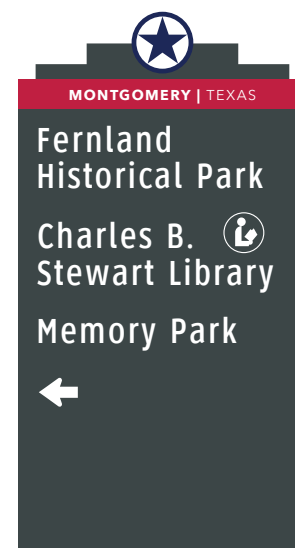
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO.
	E.5

SPECIFICATIONS

**VDIR.3
VDIR.3 TXDOT**



119



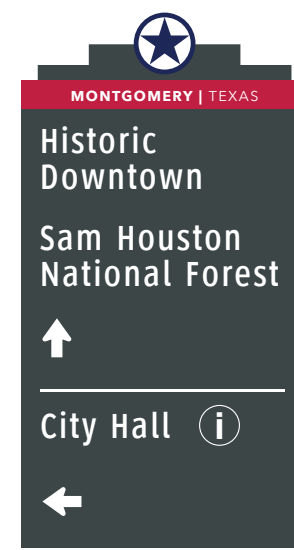
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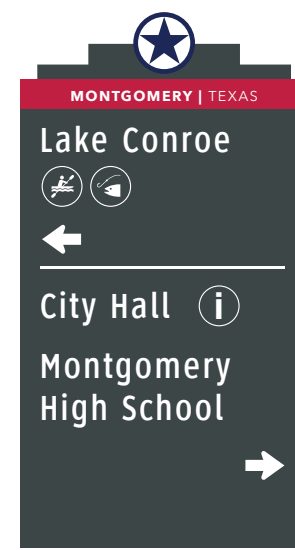
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122



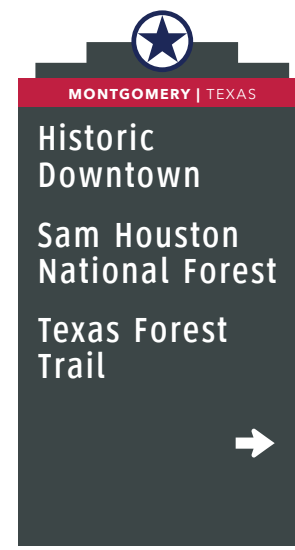
127



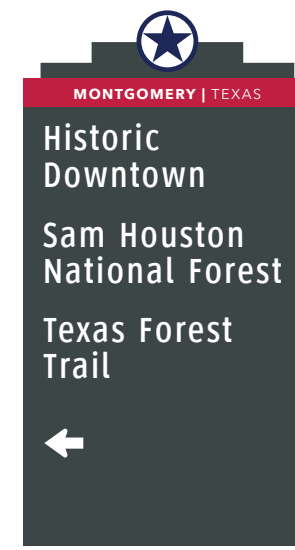
128



139



125



126

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

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

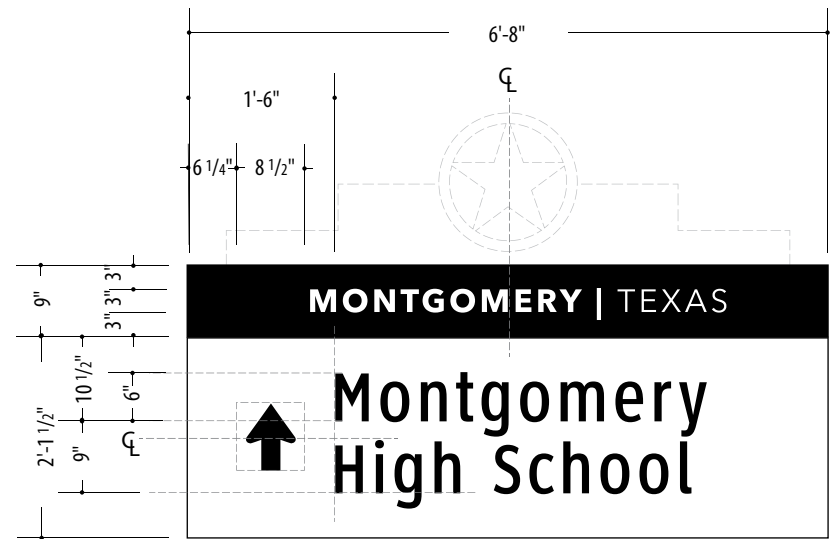
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ENVIRONMENTS & EXPERIENCES

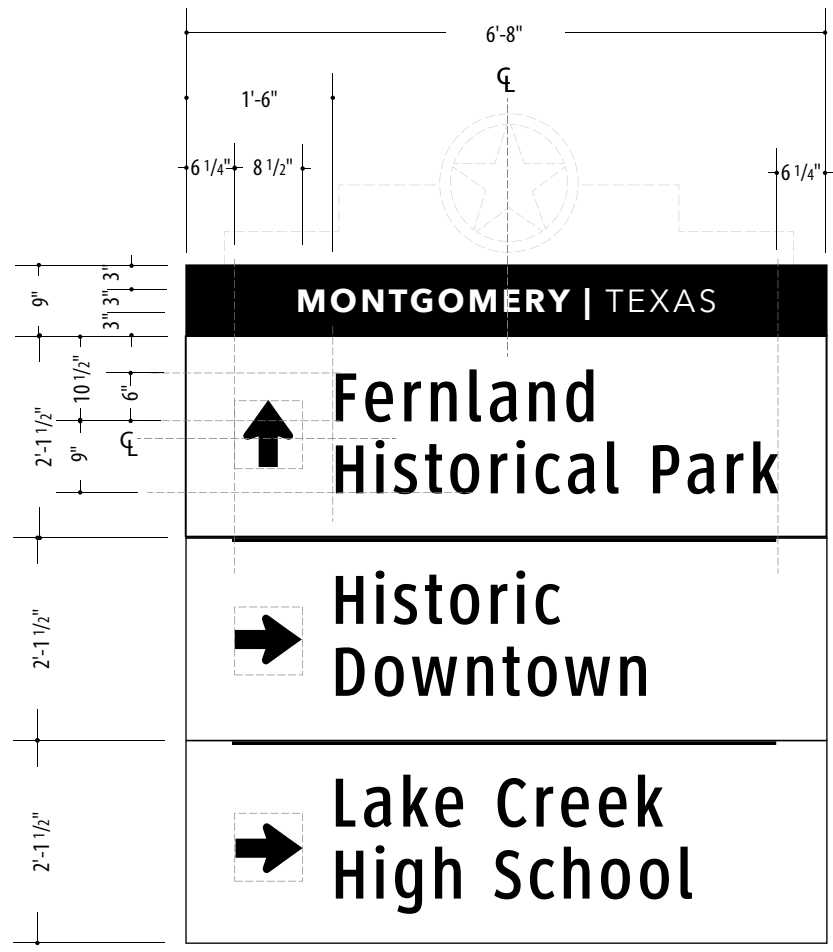
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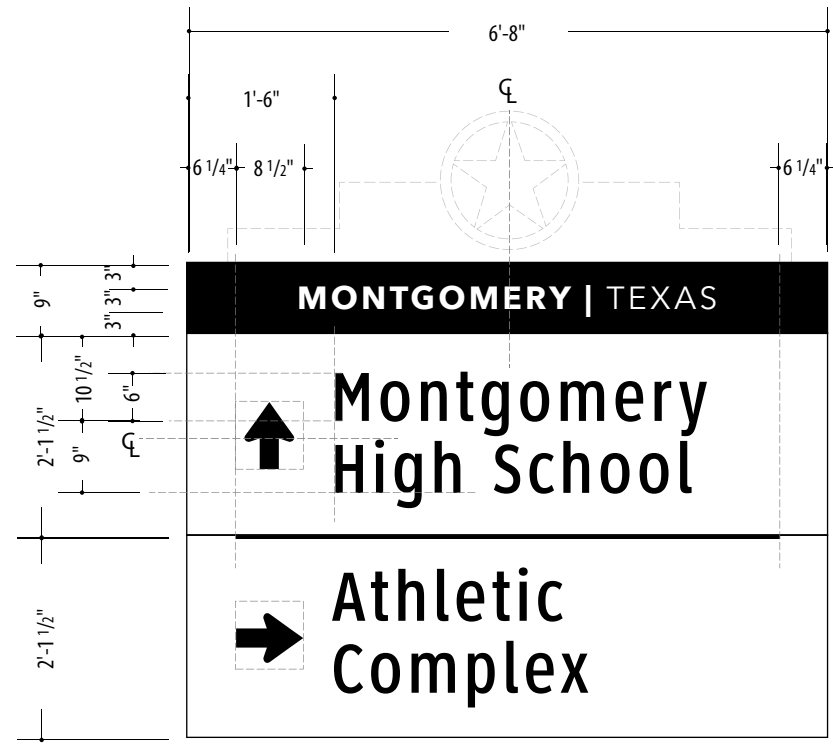
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO.
	E.6



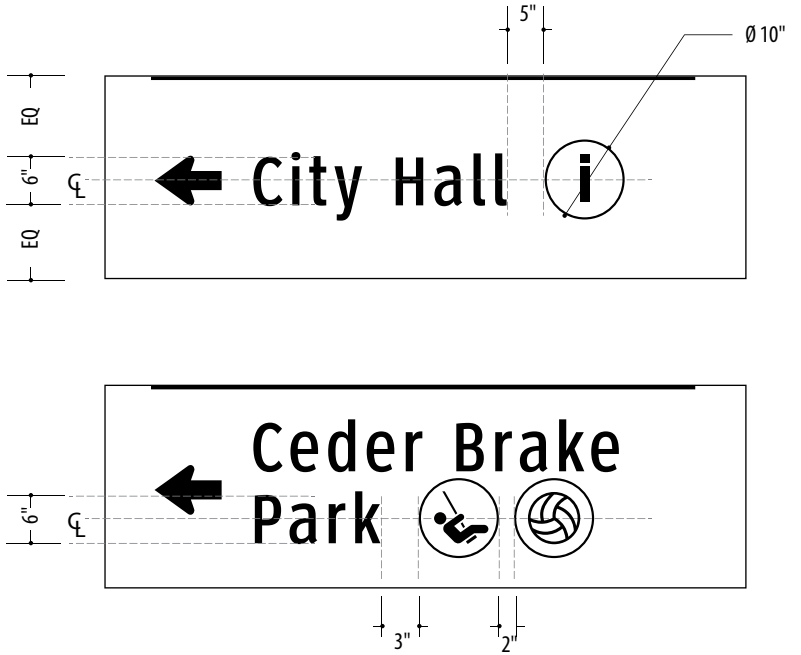
1 Layout: VDIR.4
SCALE: 1/2" = 1'-0"



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



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



Rule: 3/8" thk.

Rule: 3/8" thk.

SPECIFICATIONS

- VDIR.4
- VDIR.5
- VDIR.6

NOTES:

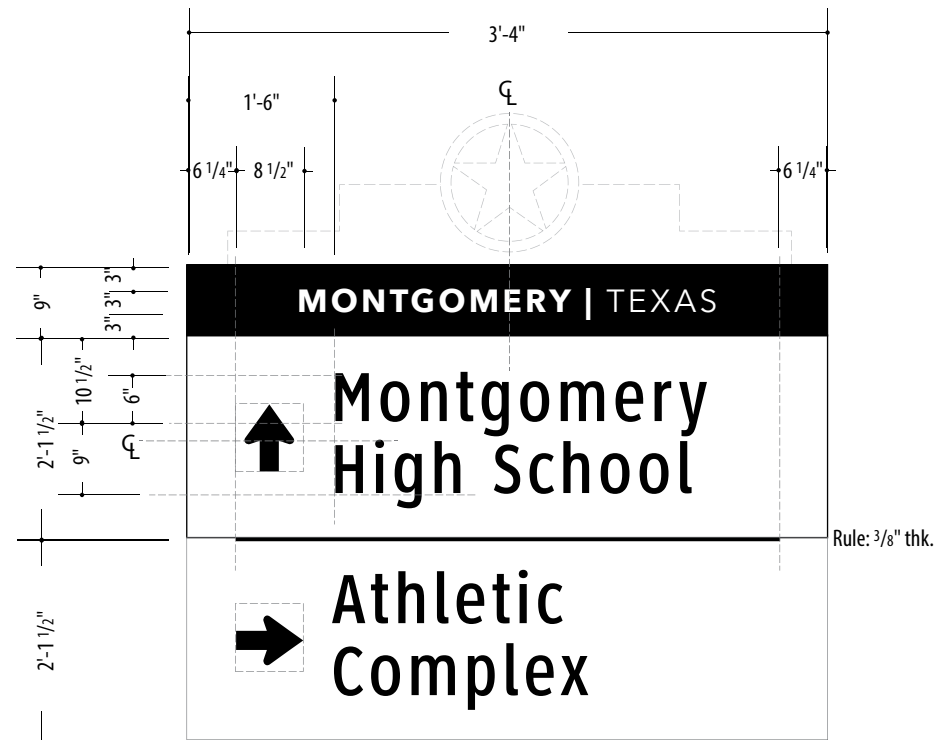
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ENVIRONMENTS & EXPERIENCES

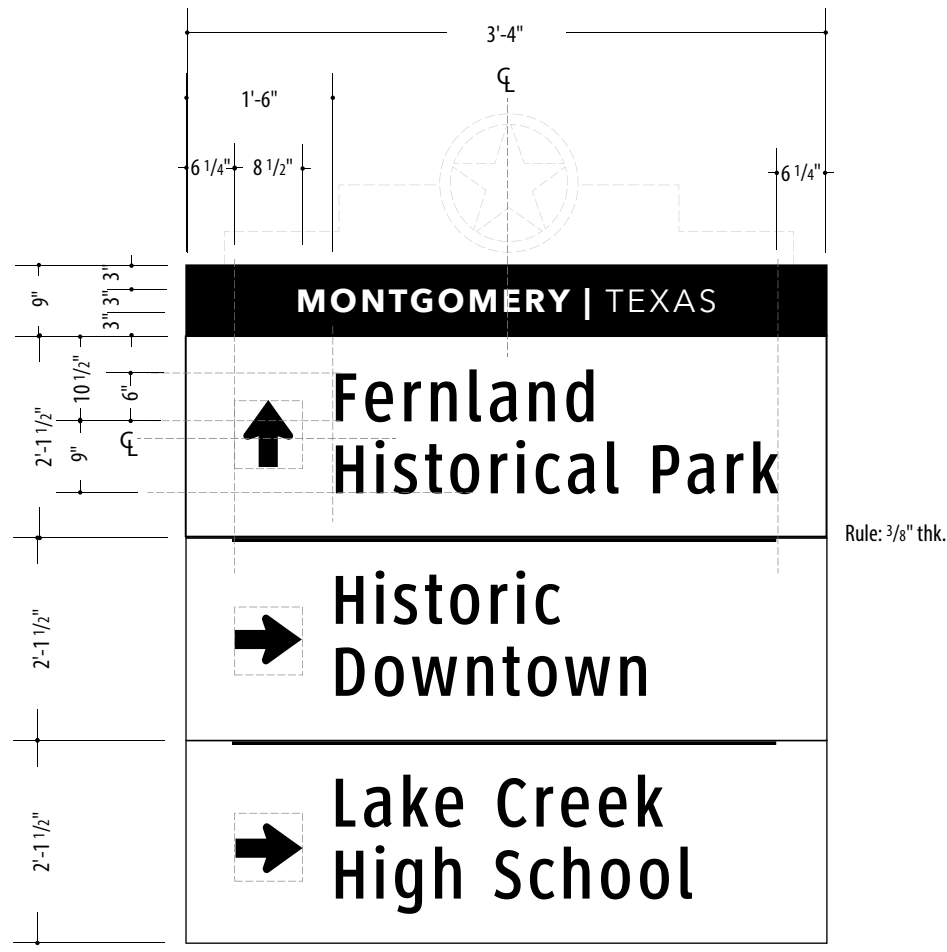
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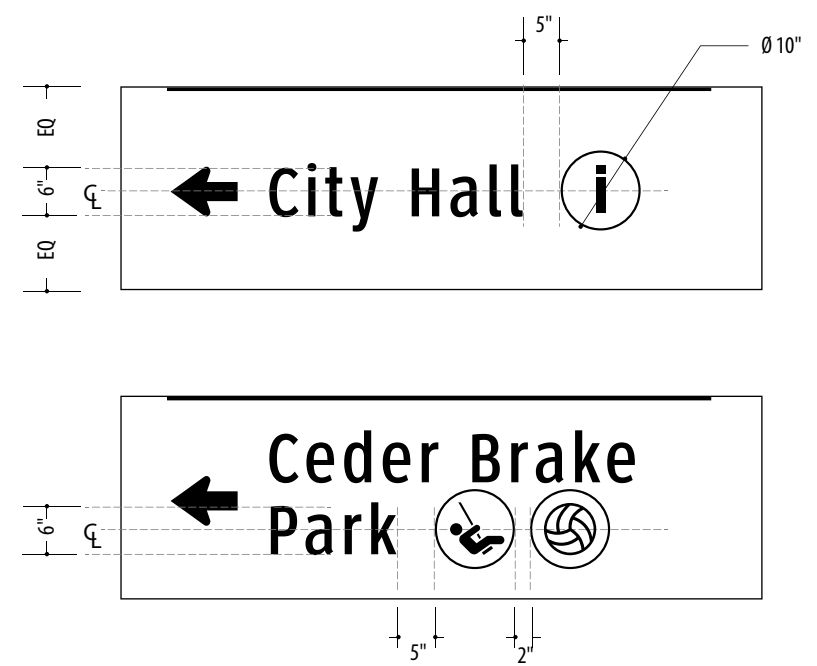
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO.
REVISIONS	



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



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



SPECIFICATIONS

VDIR.5 TXDOT
VDIR.6 TXDOT

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REVISIONS	SHEET TITLE Graphic Layout
	SHEET NO.

SPECIFICATIONS

VDIR.6
VDIR.6 TXDOT



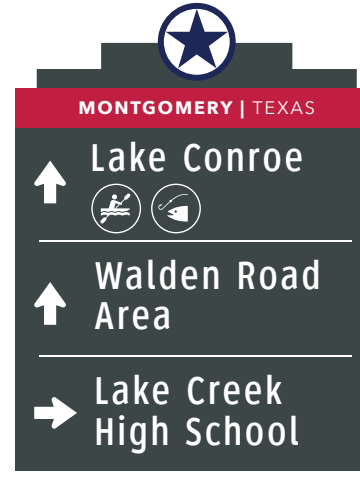
100
(TXDOT)



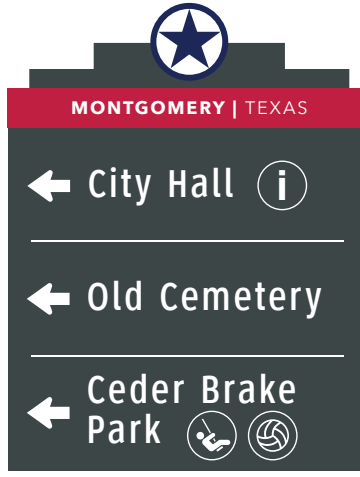
101
(TXDOT)



102
(TXDOT)



103
(TXDOT)



129
(TXDOT)

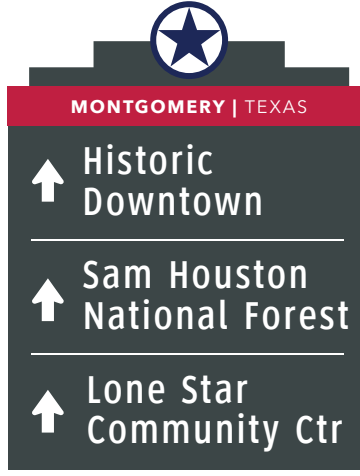
1 Graphic Layouts: VDIR.6.TXDOT
SCALE: 3/8" = 1'-0"



130
(TXDOT)



135
(TXDOT)

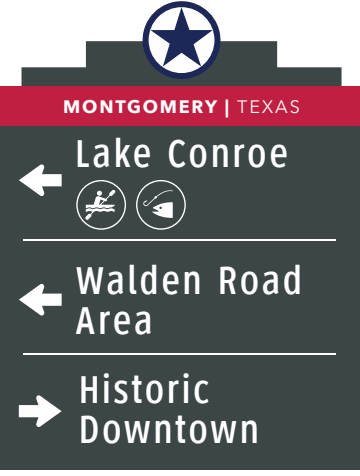


109

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



136



137

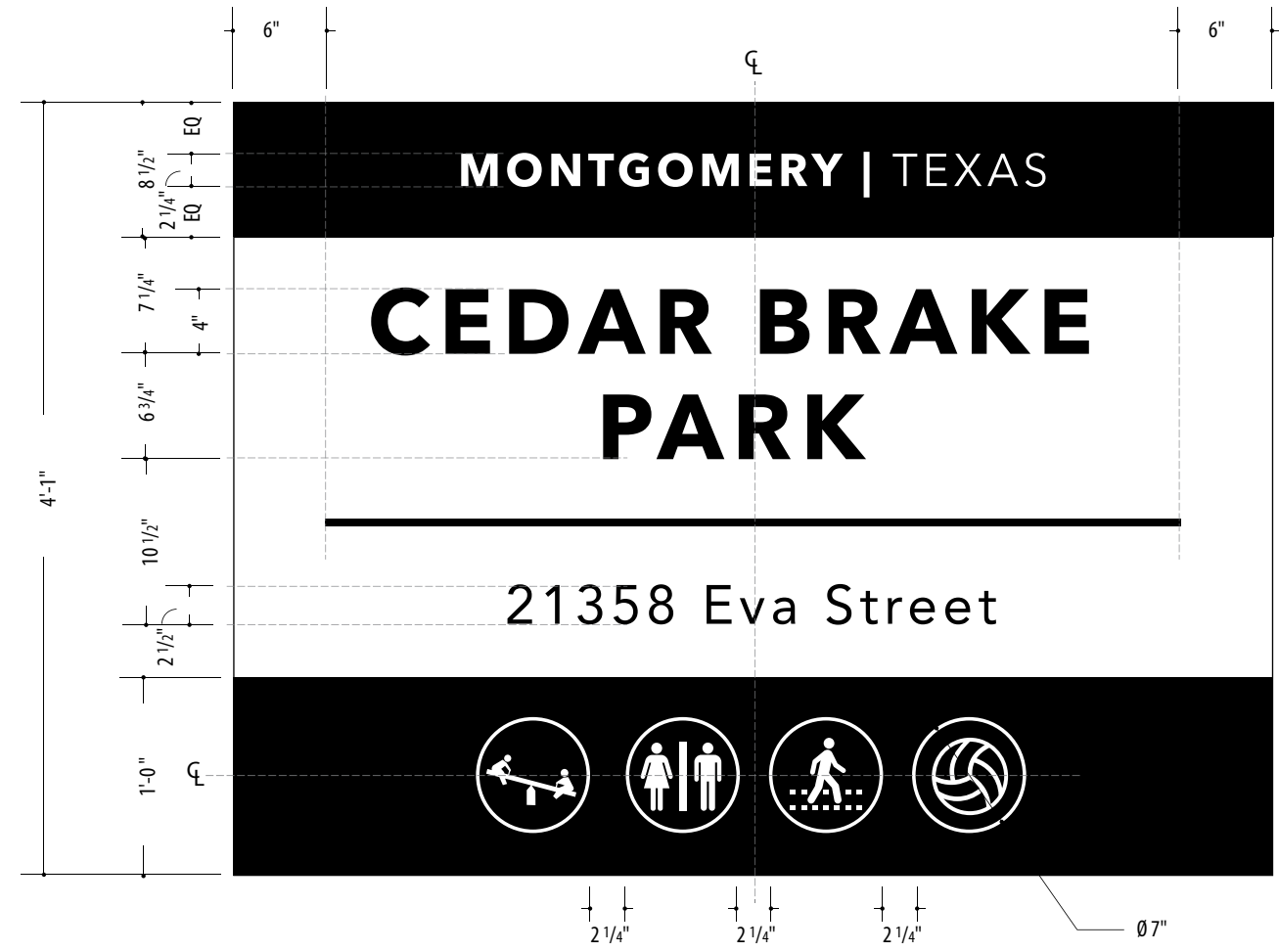
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ENVIRONMENTS & EXPERIENCES

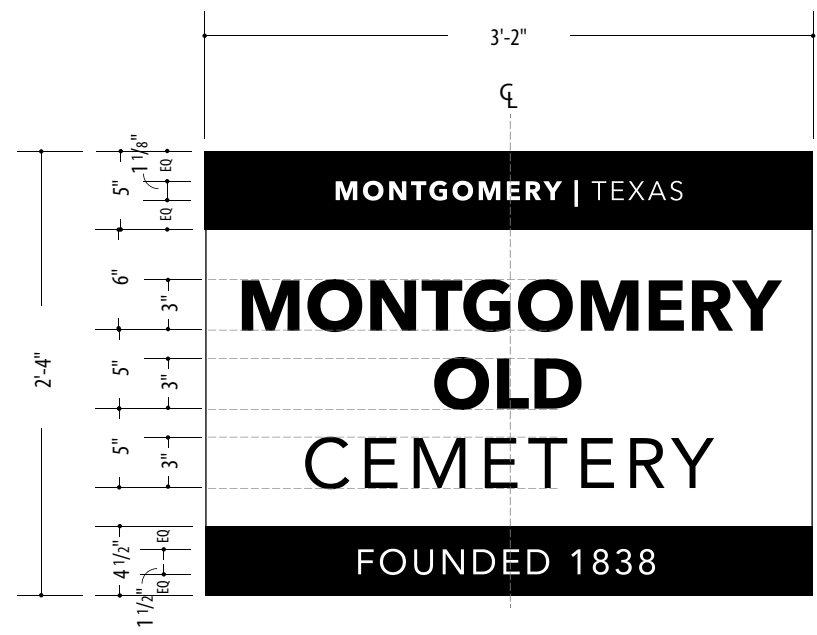
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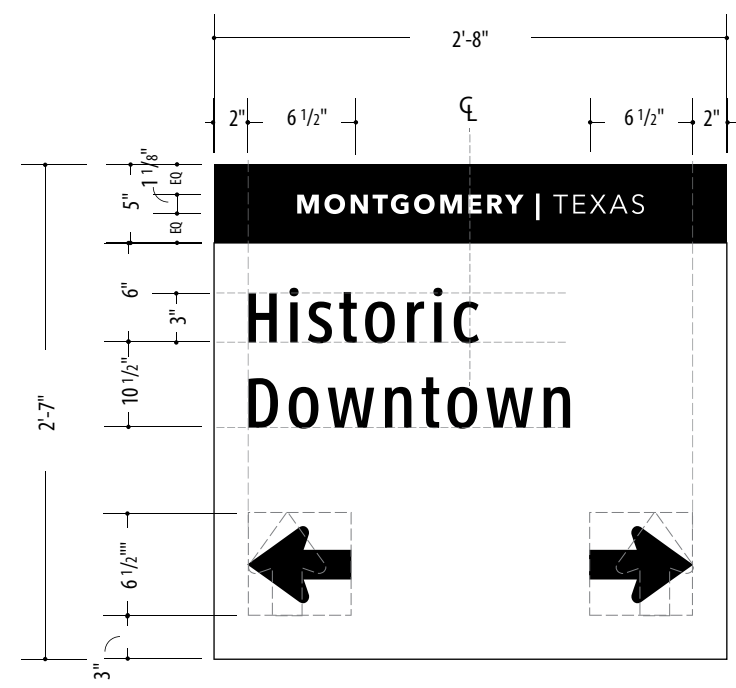
DATE 4/26/24	CLIENT / PROJECT Montgomery, TX Wayfinding Program
DRAWN BY: KRD	PROJECT NO.
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	SHEET NO.
REVISIONS	



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



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



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

SPECIFICATIONS

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

- NOTES:
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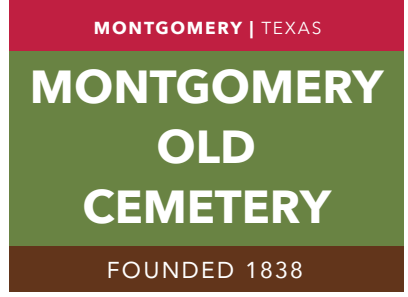
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	SHEET NO.
REVISIONS	
	E.10

SPECIFICATIONS

PARK.ID.1
PARK.ID.2



900
(Side A / Side B)



903
(Side A / Side B)



906
(Side A / Side B)

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



901 & 902
(Side A / Side B)



904 & 908
(Side A / Side B)



905
(Side A / Side B)



907
(Side A / Side B)

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

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	SHEET NO.
	E.11
REVISIONS	

SPECIFICATIONS

RES.1



123

124

138

143

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

NOTES:

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ENVIRONMENTS & EXPERIENCES

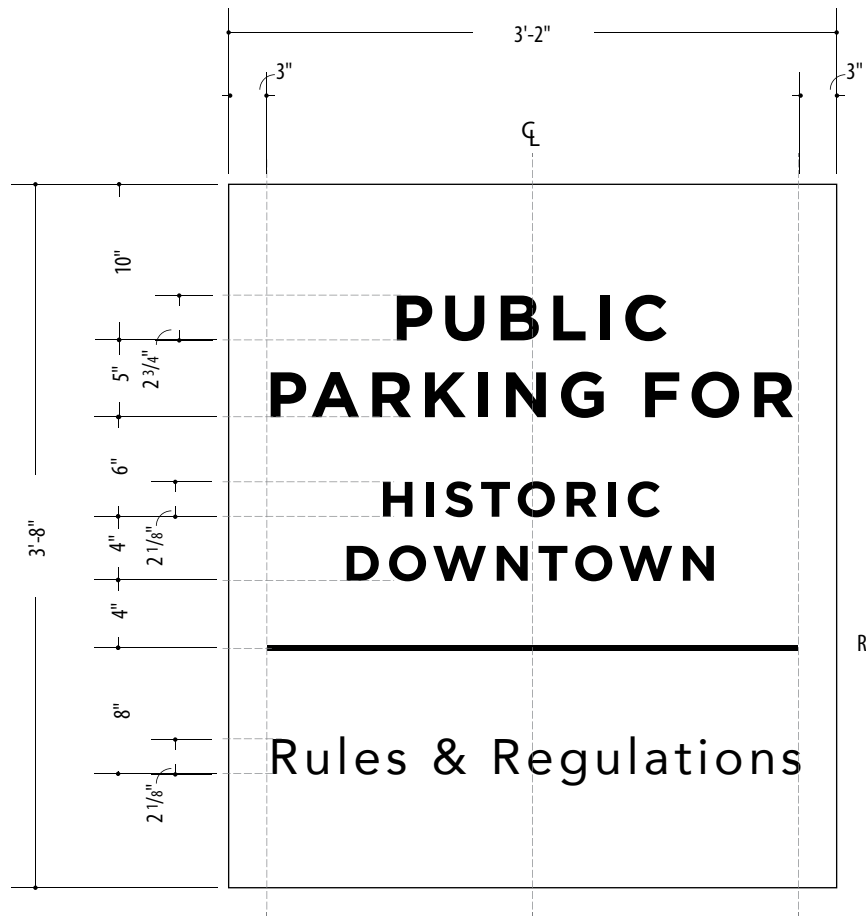
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REVISIONS	PROJECT NO.
	SHEET TITLE Graphic Layout
	SHEET NO. E.12

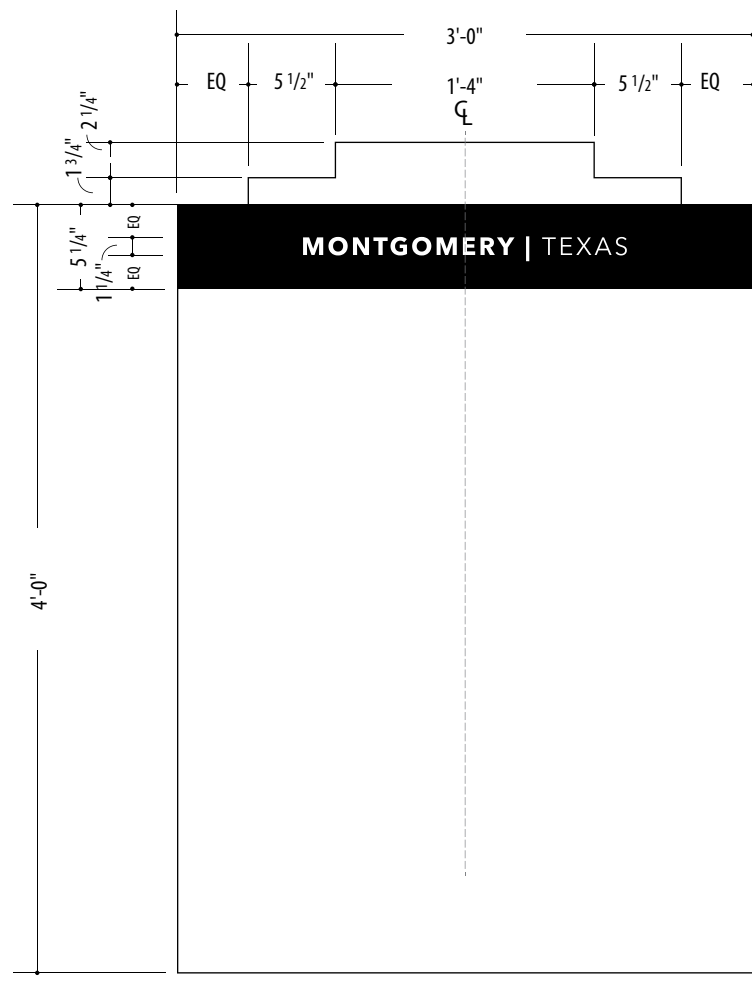
SPECIFICATIONS

**PARK.2
KIOSK.1**



Rule: 3/8" thk.

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



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

- NOTES:
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	SHEET NO.
	E.13

SPECIFICATIONS

PARK.2

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	SHEET NO.
	E.14



**PUBLIC
PARKING FOR
HISTORIC
DOWNTOWN**

Rules & Regulations

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

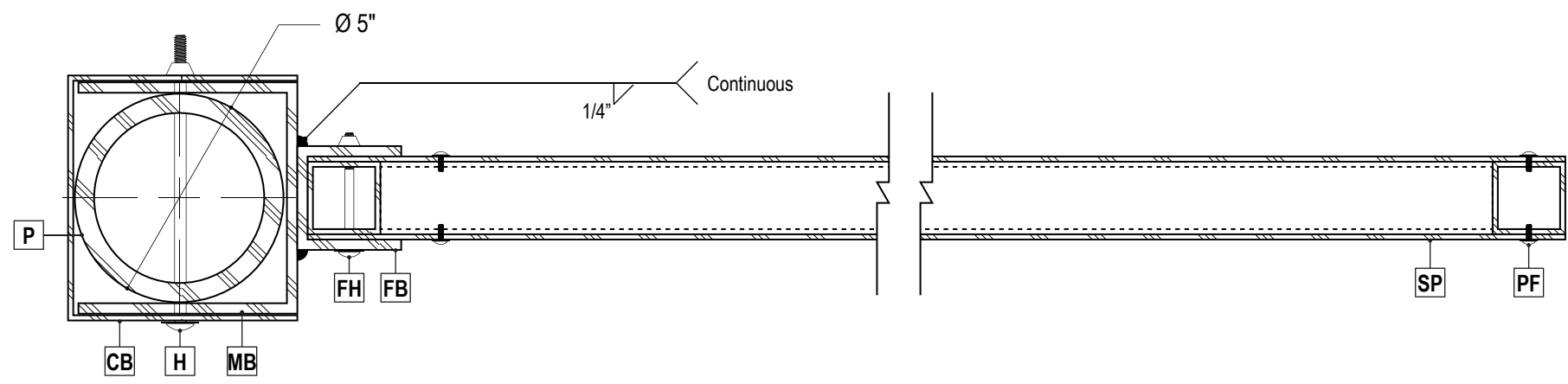
1 Graphic Layouts: PARK.2
SCALE: 1" = 1'-0"

F | Construction Details

SPECIFICATIONS

Construction Details

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



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

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

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

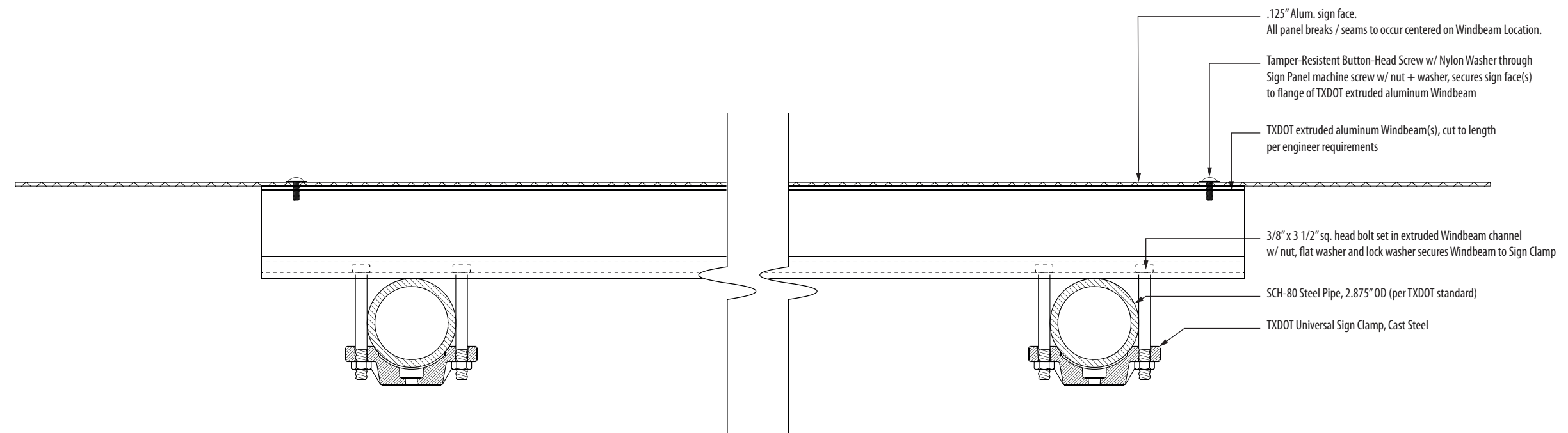
5 W. Gay Street
 West Chester, PA 19380
 T 484.266.0648
www.merjedesign.com

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

SPECIFICATIONS

Construction Details

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



- .125" Alum. sign face.
All panel breaks / seams to occur centered on Windbeam Location.
- Tamper-Resistant Button-Head Screw w/ Nylon Washer through Sign Panel machine screw w/ nut + washer, secures sign face(s) to flange of TXDOT extruded aluminum Windbeam
- TXDOT extruded aluminum Windbeam(s), cut to length per engineer requirements
- 3/8" x 3 1/2" sq. head bolt set in extruded Windbeam channel w/ nut, flat washer and lock washer secures Windbeam to Sign Clamp
- SCH-80 Steel Pipe, 2.875" OD (per TXDOT standard)
- TXDOT Universal Sign Clamp, Cast Steel

- NOTES:**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. All vinyl and painted surfaces must receive a compatible anti-graffiti (and UV) clear coat or vinyl over laminate.
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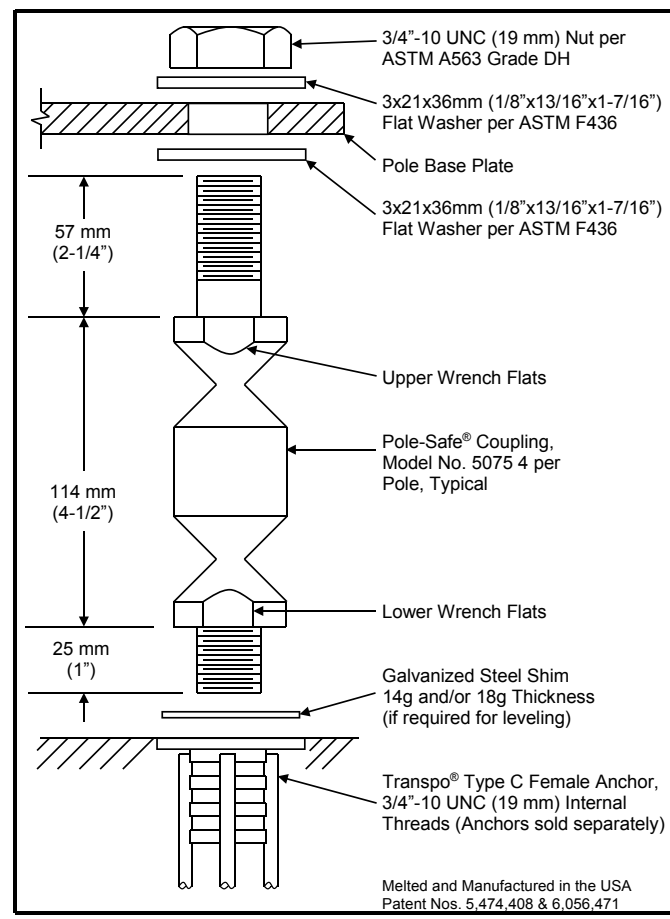
1 Section Detail - Typical - TXDOT (Double-Post)
 SCALE: 3" = 1'- 0"

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.	
REVISIONS		SHEET TITLE	Construction Details Vehicular Directional TXDOT
		SHEET NO.	F.3

SPECIFICATIONS

Construction Details

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



SPECIFICATIONS

Performance Criteria:

1. Pole-Safe® conforms to AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals."
2. Pole-Safe® has been crash-tested and FHWA approved in accordance with the requirements of NCHRP Report 350, "Recommended Procedures for the Safety Performance Evaluation of Highway Features."

Physical Properties per Coupling:

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

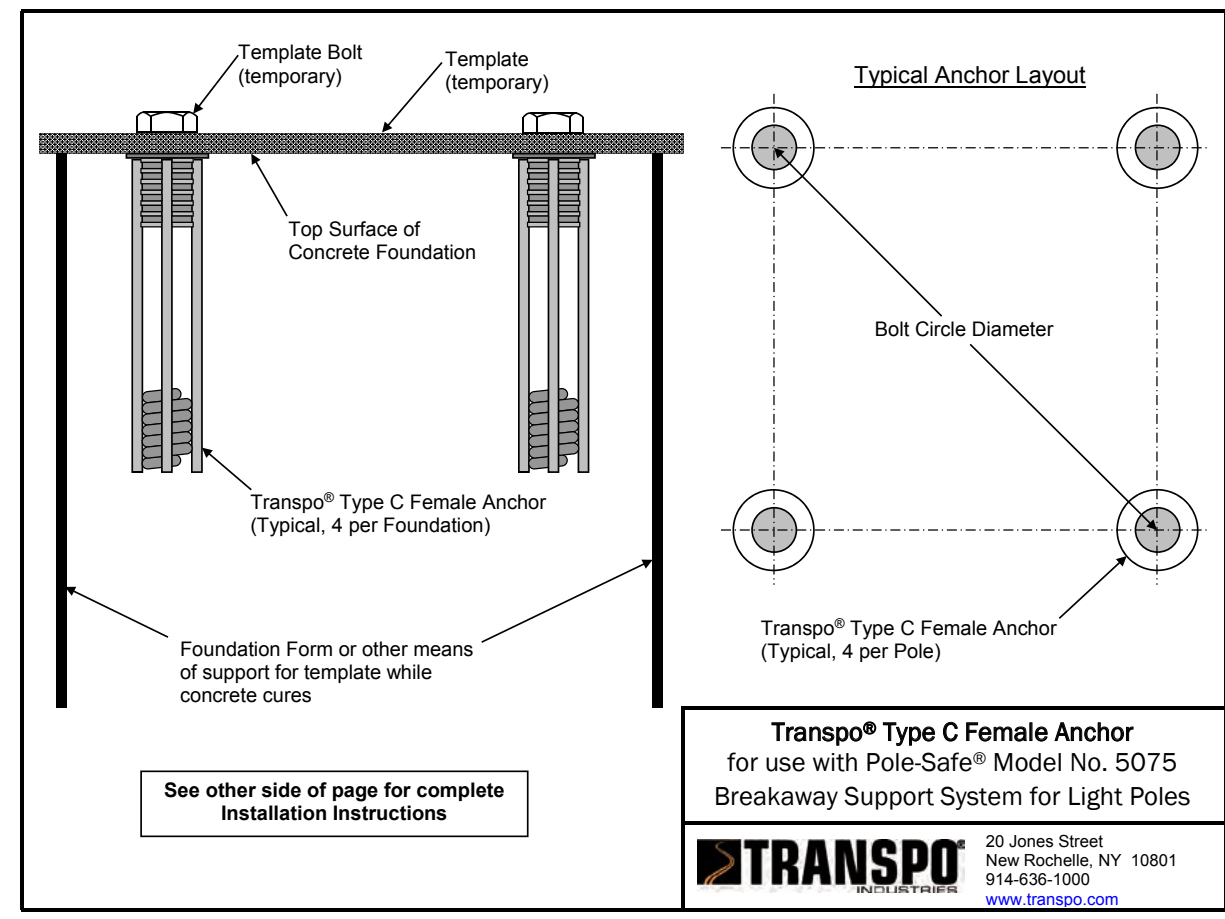
Corrosion Protection:

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

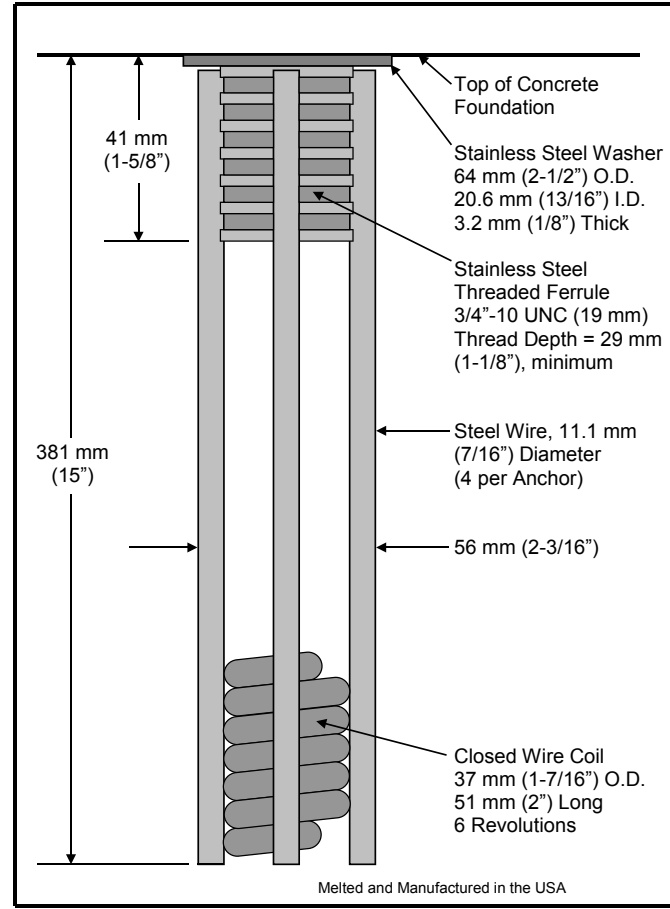
Pole-Safe® Model No. 5075
Breakaway Support System for Light Poles

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

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



TRANSPO INDUSTRIES 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

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

Melted and Manufactured in the USA

NOTES:

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

ENVIRONMENTS & EXPERIENCES

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

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)

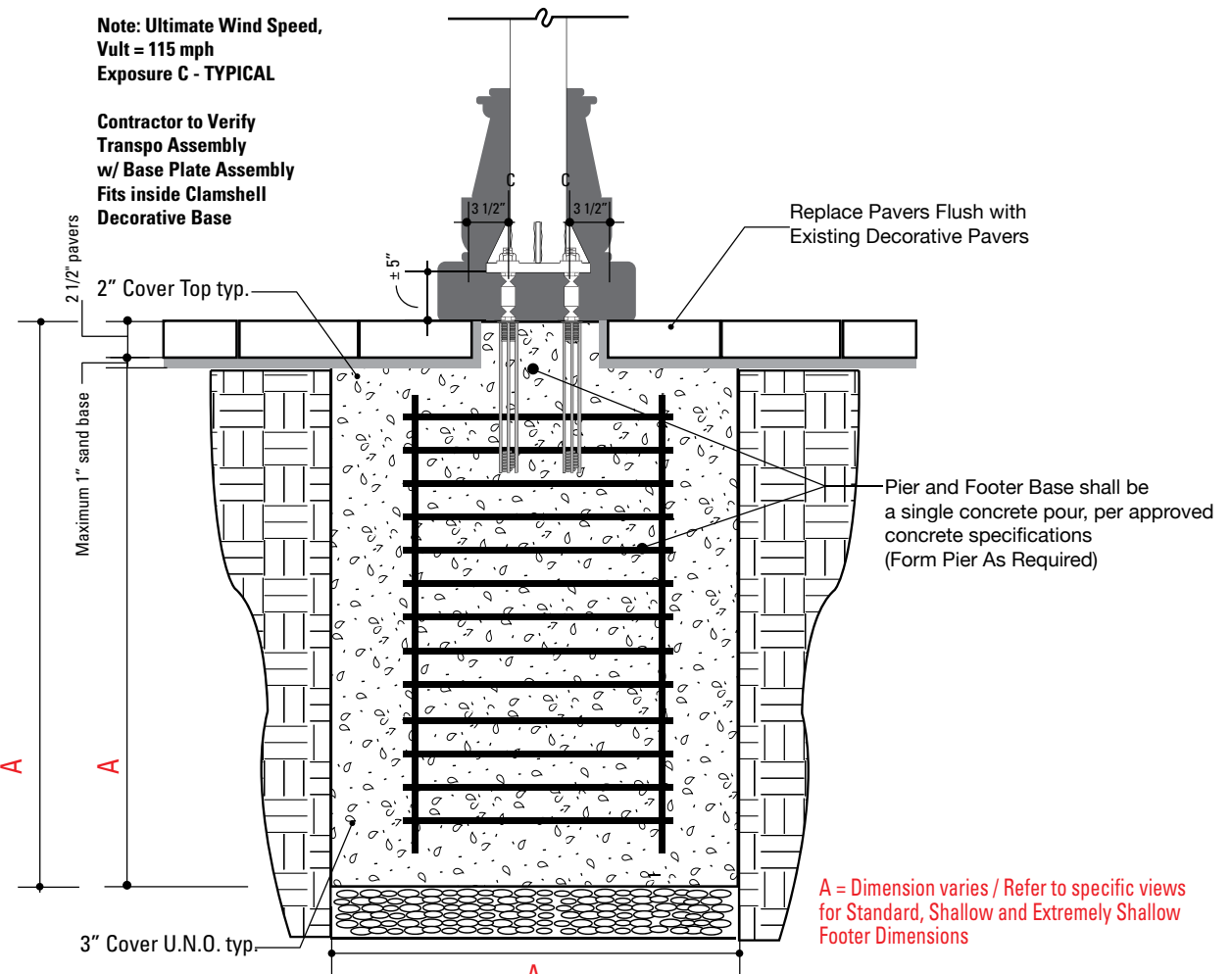
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ENVIRONMENTS & EXPERIENCES

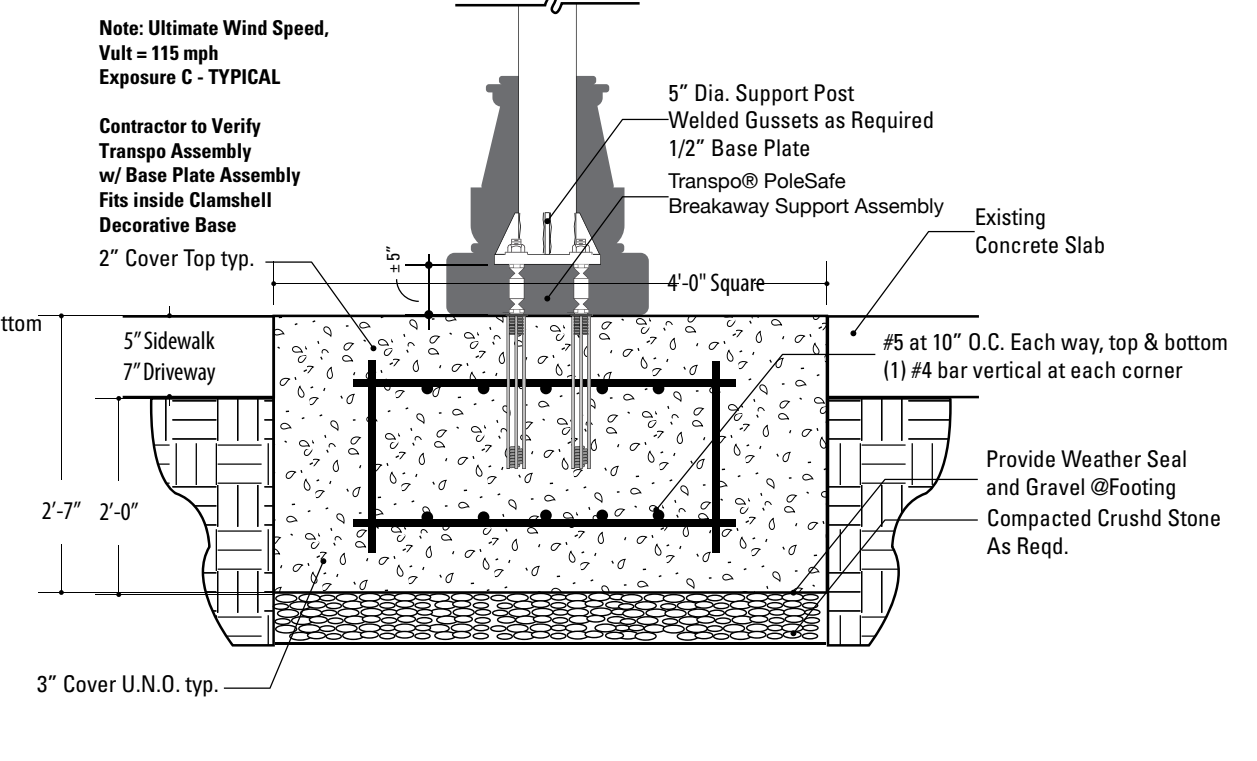
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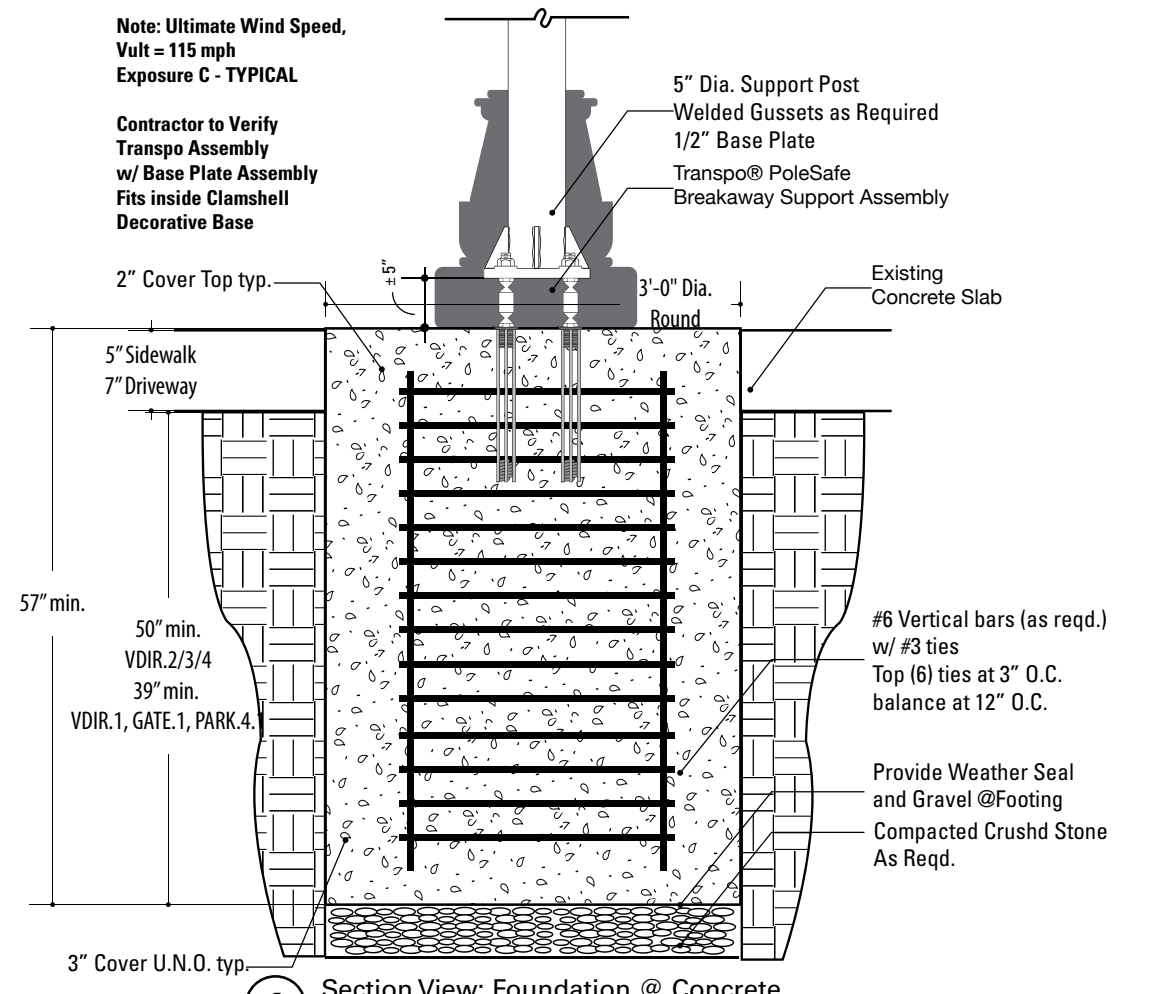
DATE	4/26/24	CLIENT / PROJECT	Montgomery, TX Wayfinding Program
DRAWN BY:	KRD	PROJECT NO.	
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REVISIONS		SHEET NO.	



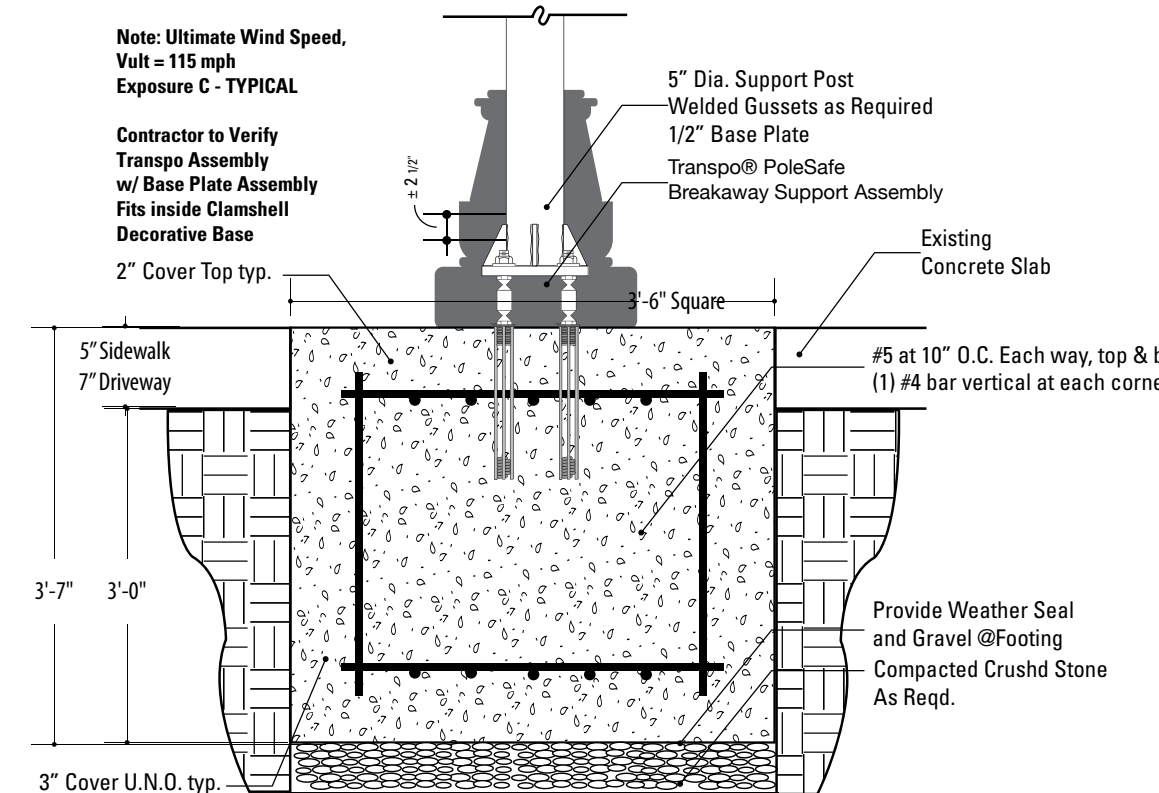
2 Section View: Paver Replacement / Cement Collar Detail
 SCALE: 3/4" = 1'-0"



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



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



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

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

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

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

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

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

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

SPECIFICATIONS

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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)**

- NOTES:**
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ENVIRONMENTS & EXPERIENCES

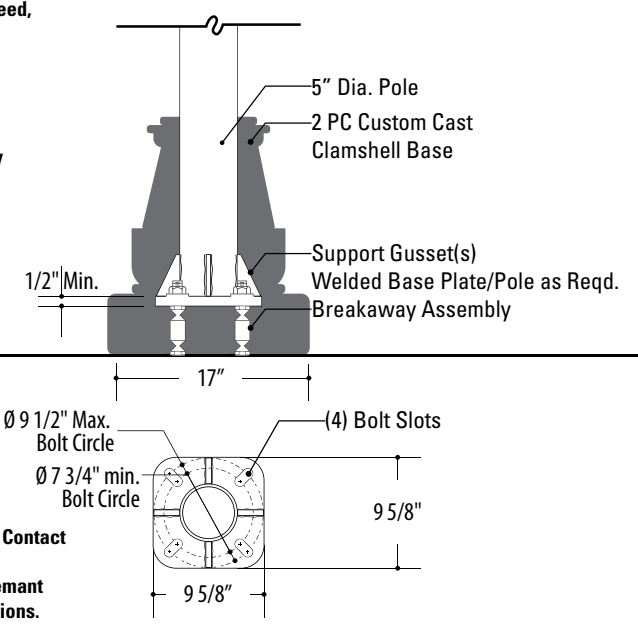


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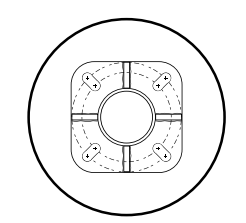
DATE	4/26/24	CLIENT / PROJECT
DRAWN BY:	KRD	Montgomery, TX Wayfinding Program
<p style="font-size: small;">These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		PROJECT NO.
		SHEET TITLE
REVISIONS		Transpo PoleSafe Baseplate Details
		SHEET NO.

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

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



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

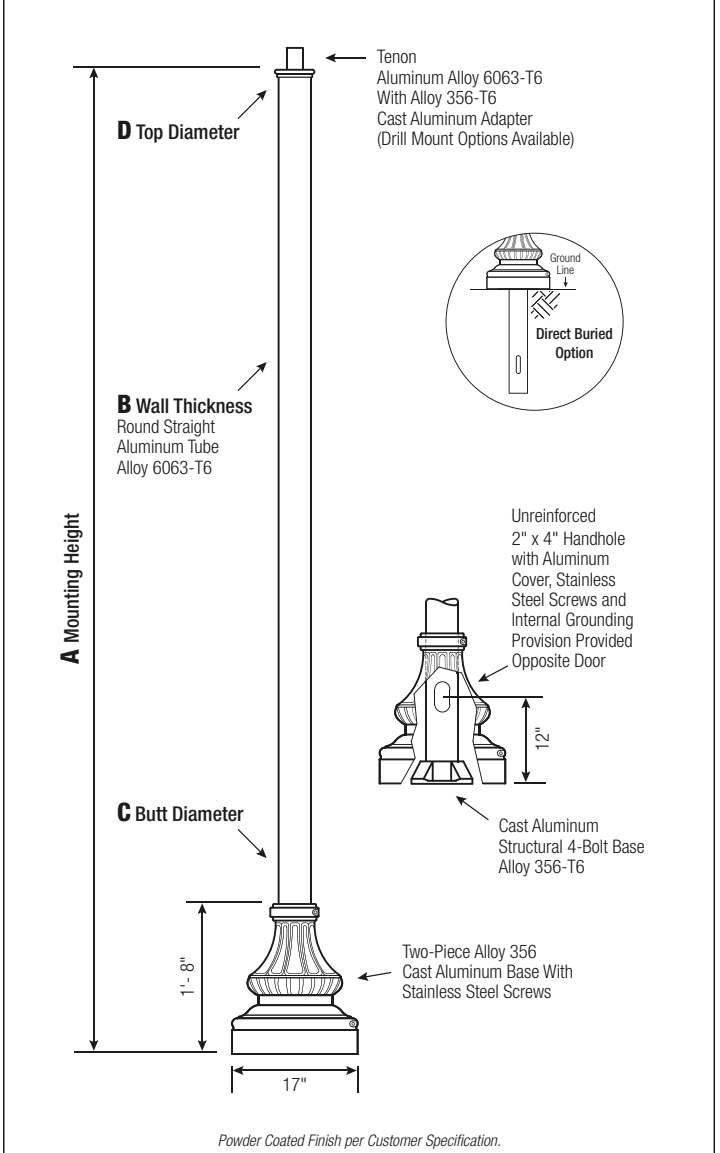


SPECIFICATIONS

Construction Details

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

ARLEN 17 CLAMHELL - 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.

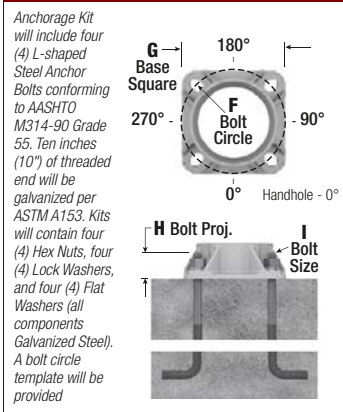
Clamshell Base

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



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.



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ARLEN 17

CLAMHELL STRAIGHT ROUND ALUMINUM POLE

A MTE. HGT.	B WALL THICKNESS	C BUTT DIA.	TOTAL LUM. WEIGHT	MAXIMUM EPA						CATALOG NUMBER*
				90	100	110	120	130	140	
8	0.125	4	100	15.5	12.2	9.9	8.1	6.7	5.6	A7C08B4-4-SR-**
	0.125	5	100	25.6	20.5	16.5	13.6	11.4	9.8	A7C08B5-4-SR-**
10	0.125	4	100	11.4	8.9	7.0	5.6	4.6	3.7	A7C10B4-4-SR-**
	0.188	4	100	17.6	13.9	11.1	9.1	7.4	6.2	A7C10D4-4-SR-**
	0.125	5	100	19.3	15.4	12.1	9.9	8.3	7.1	A7C10B5-4-SR-**
12	0.125	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-**
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-**
16	0.188	5	100	18.8	14.9	11.6	9.3	7.8	6.6	A7C14D5-4-SR-**
	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-**
18	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-**
	0.125	4	80	3.1	2.0	1.1	-	-	-	A7C18B4-4-SR-**
20	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-**
25	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-**
30	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-**
30	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-**
	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 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"
Butt Dia. D = .188"
Anchorage 4 = 4-Bolt Base
 E = Direct Buried
 F = .250"

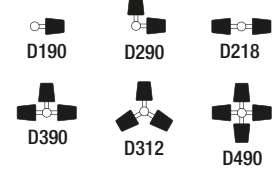
Shaft Style
 SR = Straight Round

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*

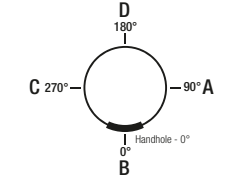
Mounting Options



Drill Mount Options



Pole Orientation



CATALOG NUMBER: _____ QUANTITY: _____

CUSTOMER NAME: _____

PROJECT: _____ LOCATION: _____

NOTES: _____

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- NOTES:**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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DATE	4/26/24	CLIENT / PROJECT	Montgomery, TX Wayfinding Program
DRAWN BY:	KRD	PROJECT NO.	
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REVISIONS		SHEET NO.	

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)**

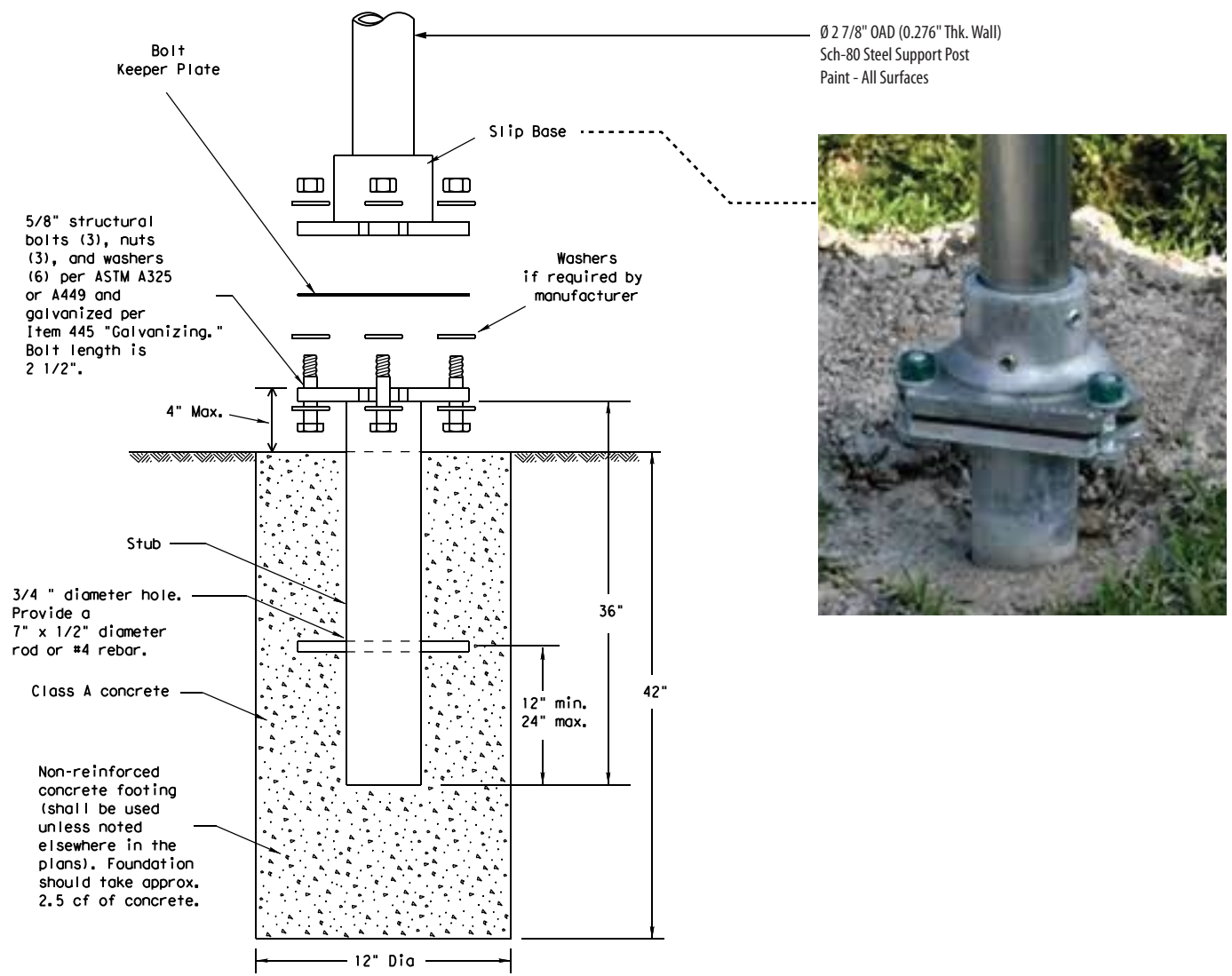
- NOTES:**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. All vinyl and painted surfaces must receive a compatible anti-graffiti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

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

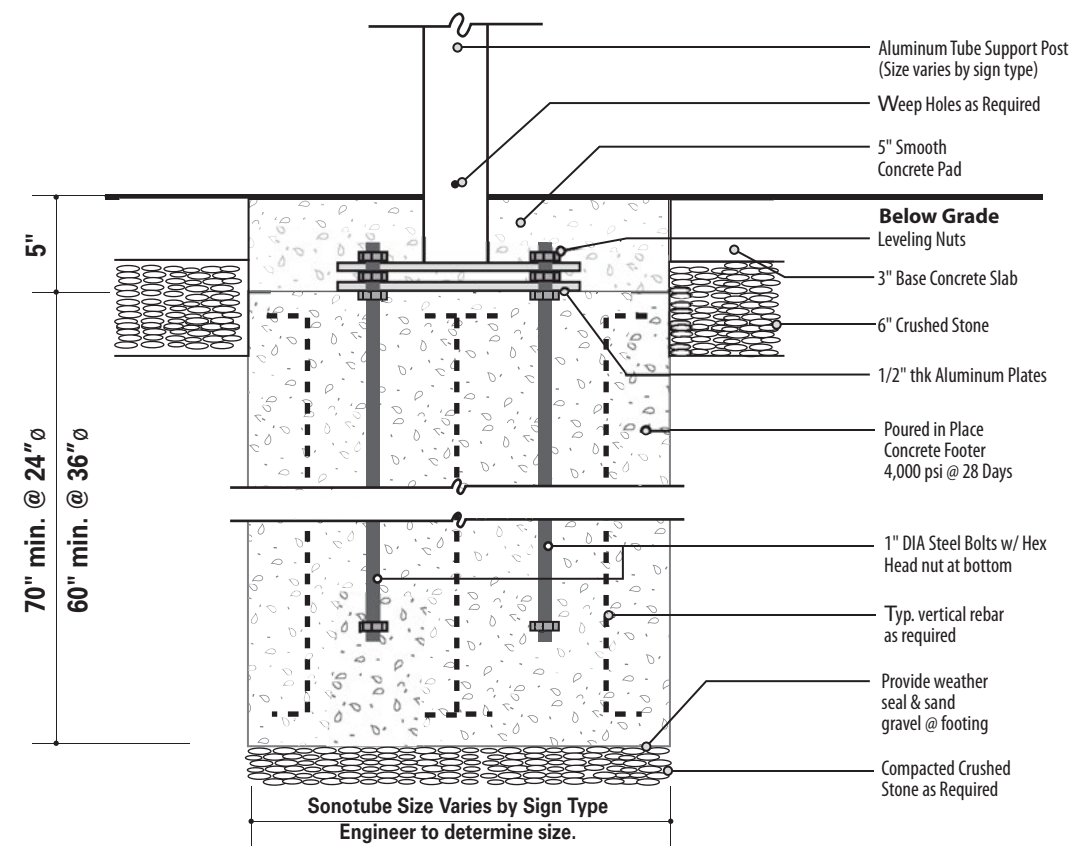


1 Section Detail - Typical - TXDOT - Triangular Slip Base
SCALE: 1 1/2" = 1' - 0"

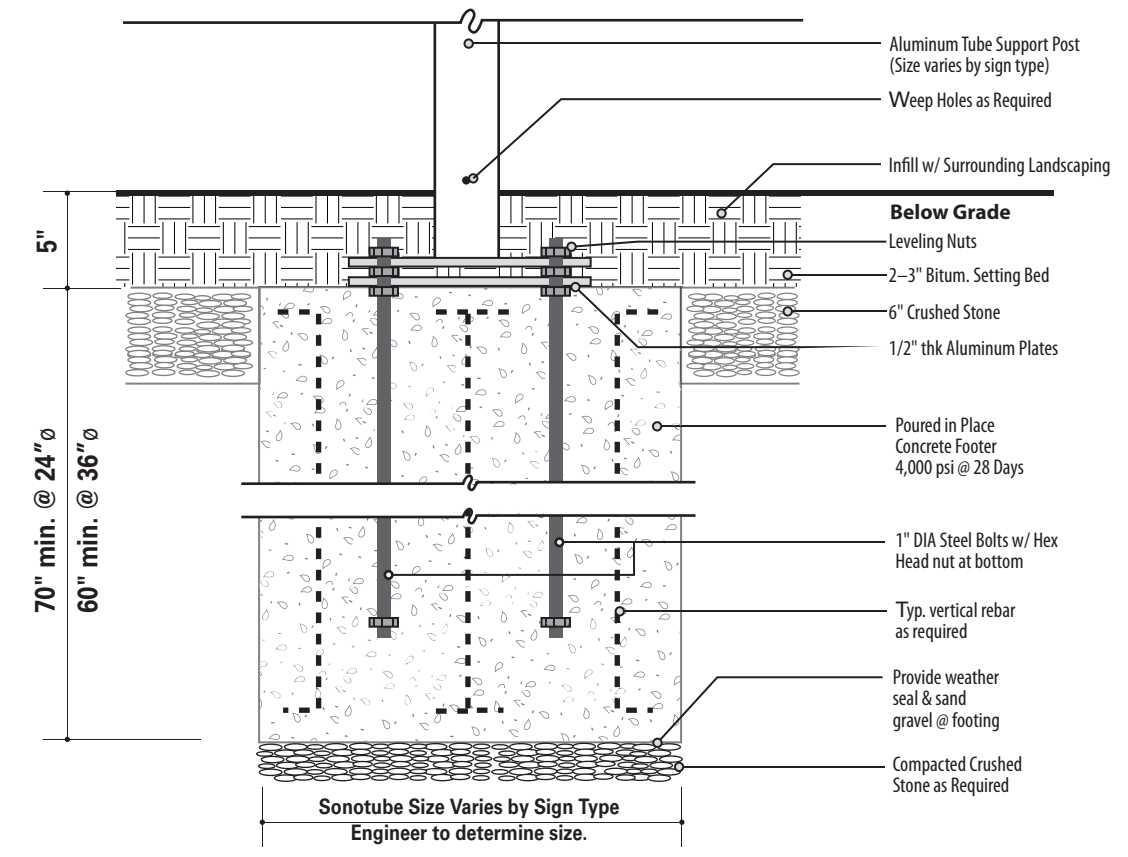
SPECIFICATIONS

Construction Details

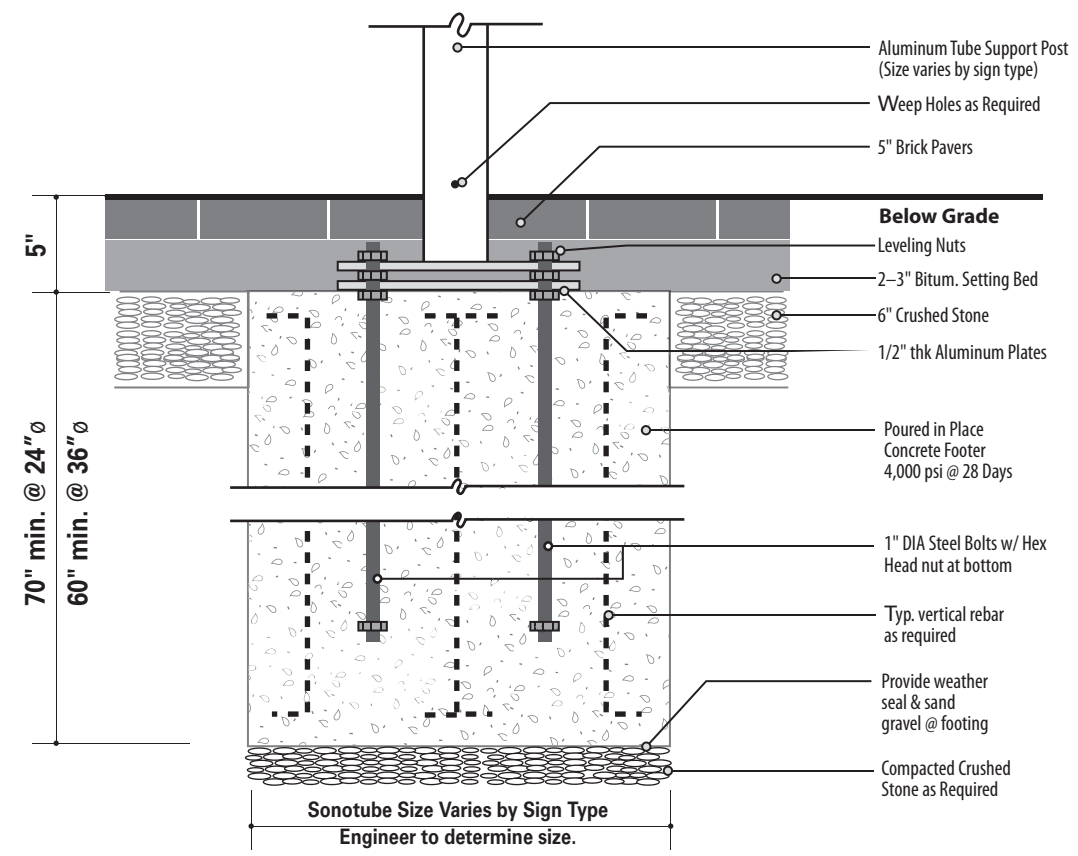
Sign Types:
PARK.ID.2



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"

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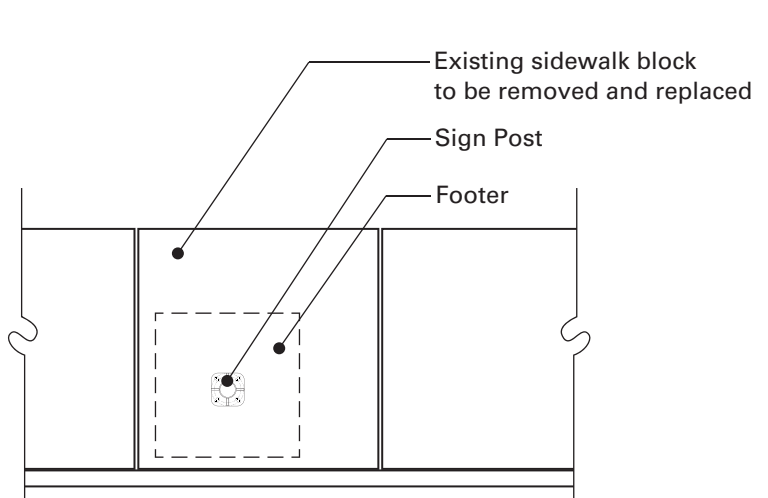
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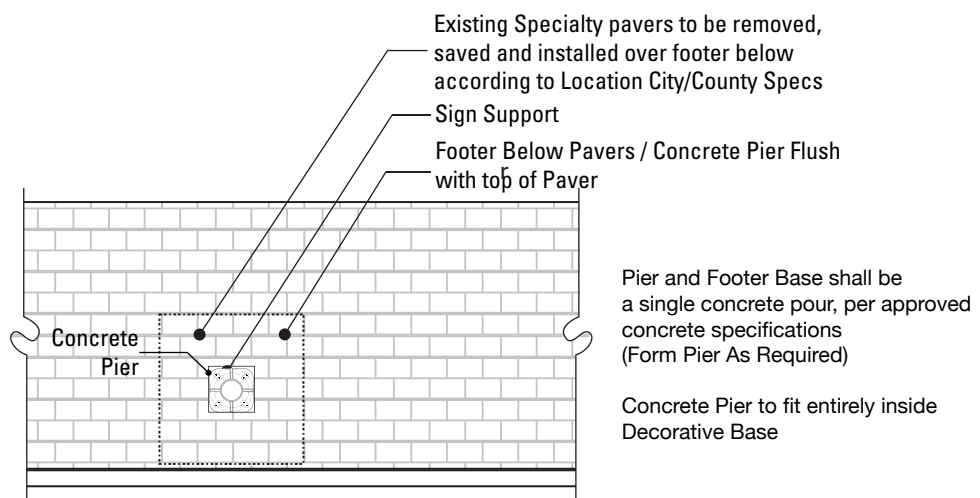
DATE	4/26/24	CLIENT / PROJECT	Montgomery, TX Wayfinding Program
DRAWN BY:	KRD	PROJECT NO.	
<small>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the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

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



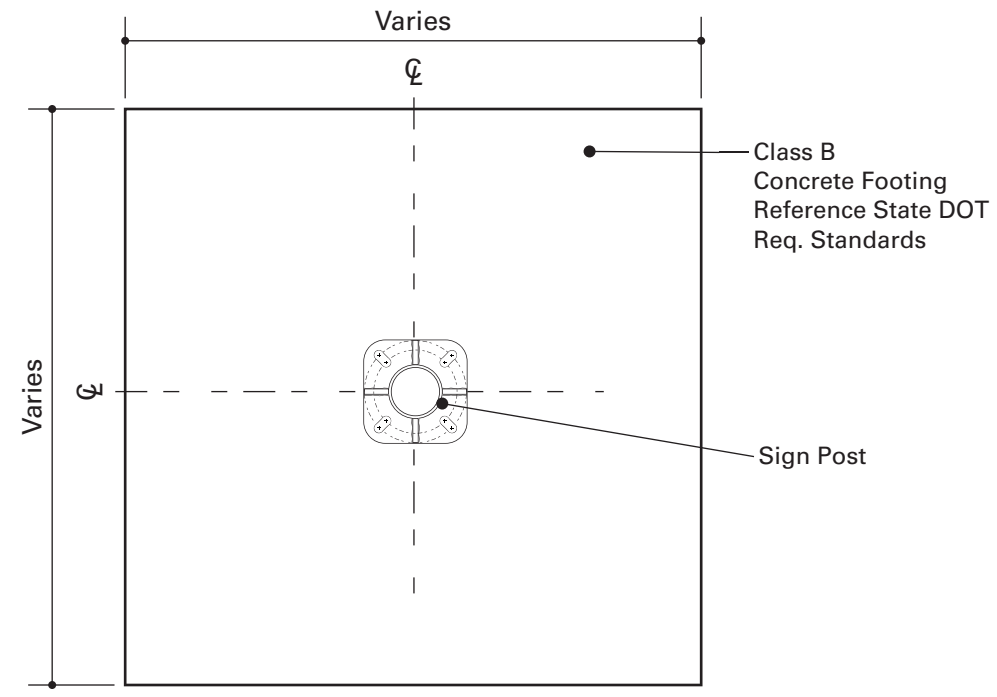
NOTE: When locating a footer within a single pavement block adjacent to at least 2 expansion joints, the entire block of pavement shall be removed and replaced with the same materials and finish of adjacent sidewalk areas.

1 Plan: Footer Placement
SCALE: NTS



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

3 Plan: Specialty Pavers Footer Placement
SCALE: NTS



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



Acceptable Footer Detail



Acceptable Footer Detail



Acceptable Footer Detail



NOT Acceptable Footer Detail



NOT Acceptable Footer Detail



NOT Acceptable Footer Detail

SPECIFICATIONS

Sidewalk Footer Placement Details

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

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NOTE:
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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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DRAWN BY: KRD	
PROJECT NO.	
SHEET TITLE Sidewalk Footer Placement Details	
SHEET NO.	
REVISIONS	

Fig. 1



Fig. 2



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.

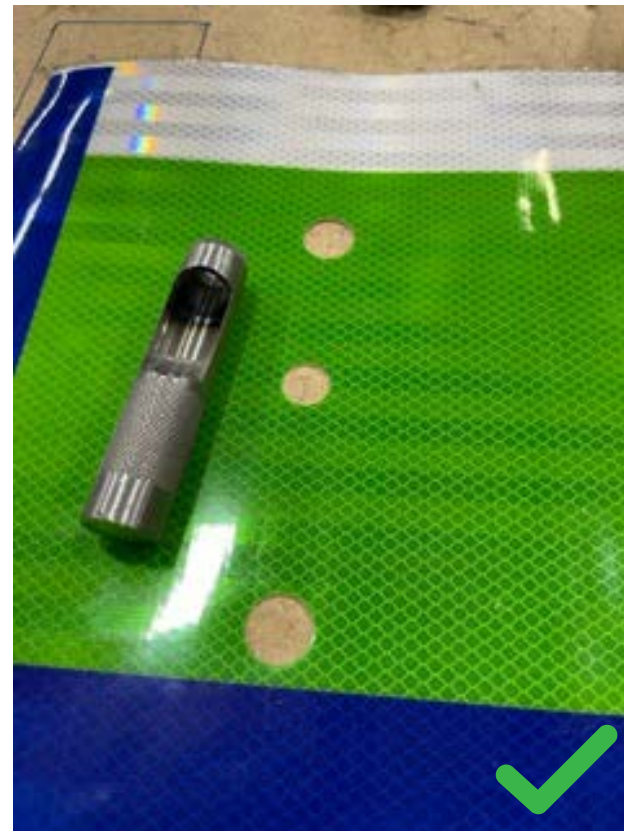
Additional Consideration: Punching a hole in the vinyl (see **Fig. 4**), may provide less vinyl for the washer/bolt to torque on, therefore reducing the possibility of damage.

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.

Fig. 3



Fig. 4



SPECIFICATIONS

Construction Details

Sign Types:

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

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REVISIONS

CLIENT / PROJECT

Montgomery, TX
Wayfinding Program

PROJECT NO.

SHEET TITLE

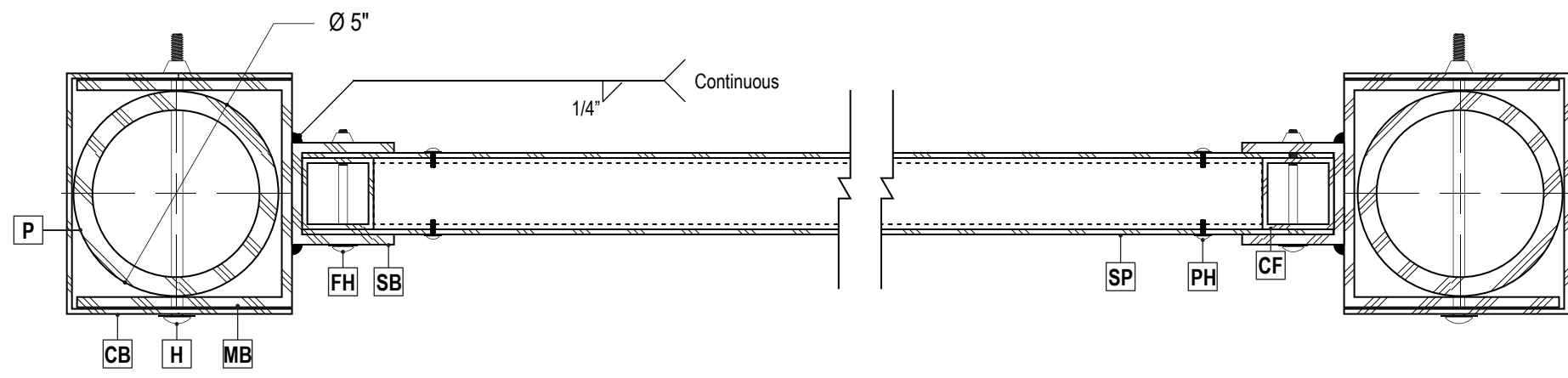
Sign Face Details

SHEET NO.

SPECIFICATIONS

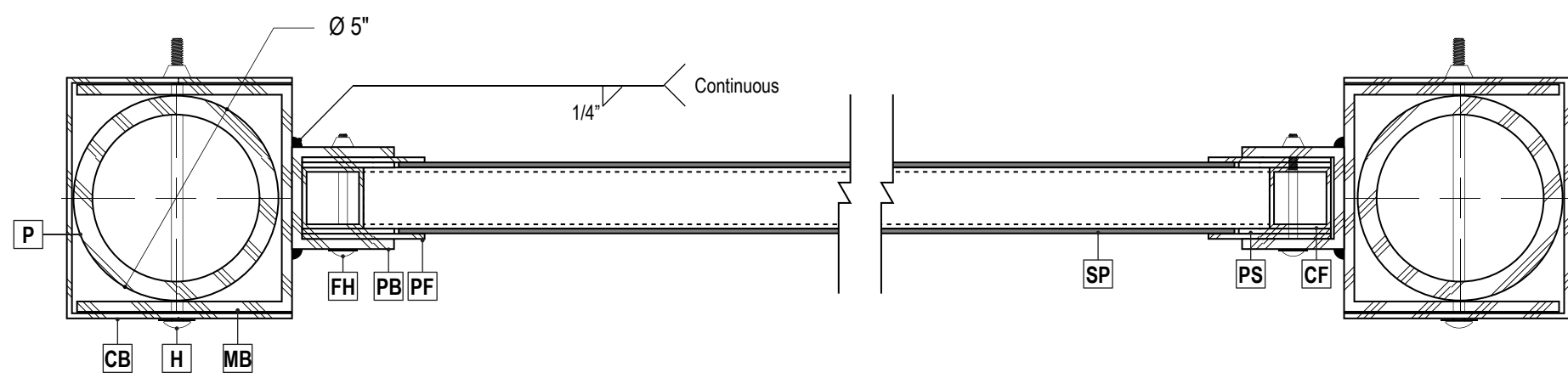
Construction Details

Sign Types:
PARK.ID.1
KIOSK.1



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

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



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

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

NOTES:
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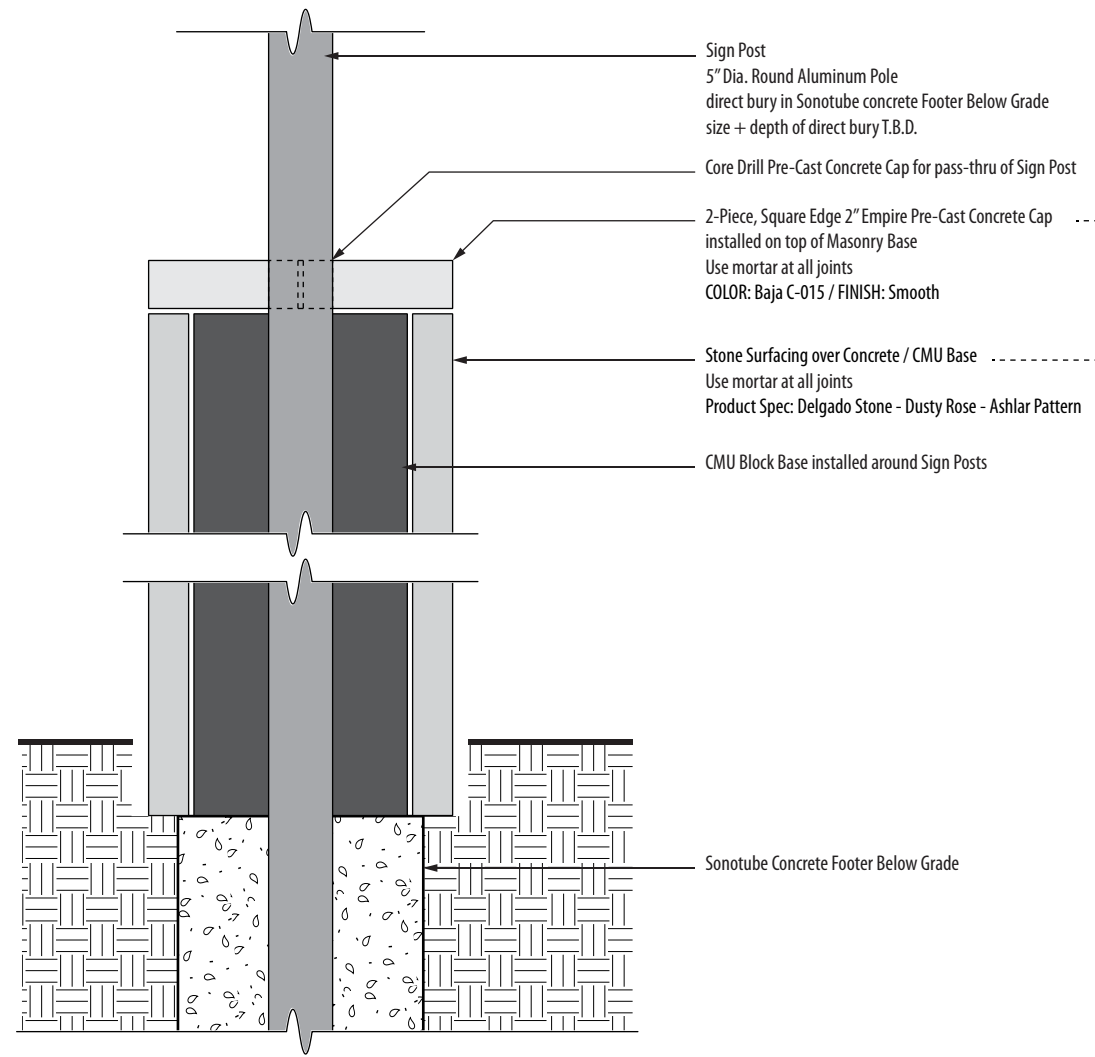
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REVISIONS		SHEET NO.	F.12

SPECIFICATIONS

Construction Details

Sign Types:
PARK.ID.1
KIOSK.1



Product / Finish Reference



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

- NOTES:**
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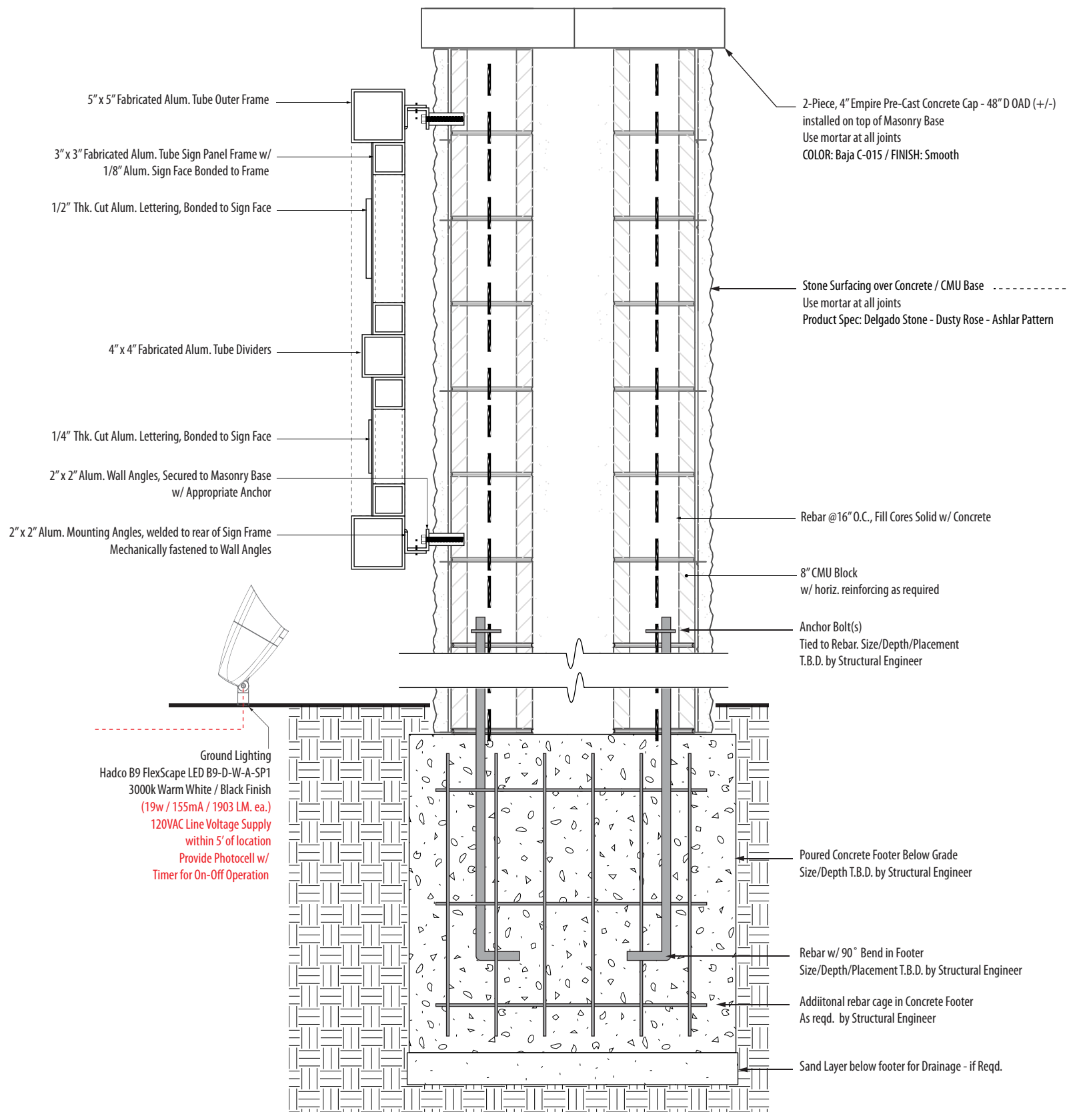
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REVISIONS		SHEET NO.	

SPECIFICATIONS

Construction Details

Sign Types:
GATE.1



- NOTES:**
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REVISIONS		SHEET NO.	F.14

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

SPECIFICATIONS

Construction Details

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

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DRAWN BY: KRD

Montgomery, TX
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PROJECT NO.

SHEET TITLE

Product Details

REVISIONS

SHEET NO.

F.15

Photo: Grand Contracting (CT)

Dusty Rose



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

www.delgadostone.com / 17

Dusty Rose



Fieldstone Dark



Fitzwilliam Collection



Greenwich Blue



Harbor Mist




22

SPECIFICATIONS

Construction Details



Sign Types:
GATE.1



Landscape

B9 FlexScape LED

Accent line-voltage luminaire

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

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

Features

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

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

Finish

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

Lamps

Integral LED module

Options

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

IP66 Rating

Dust tight and sealed against direct jets of water.

Labels

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

Lumen matrix

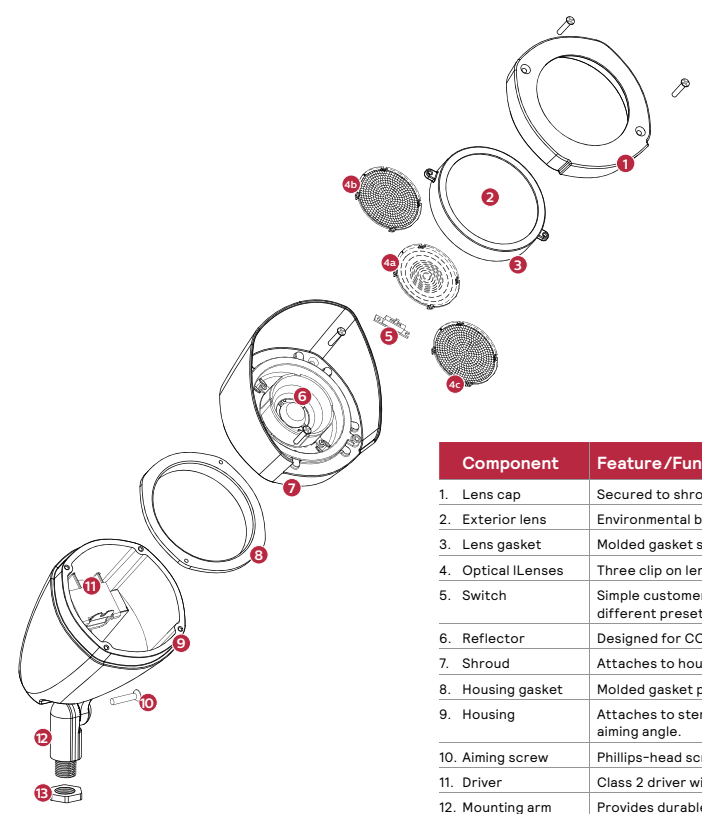
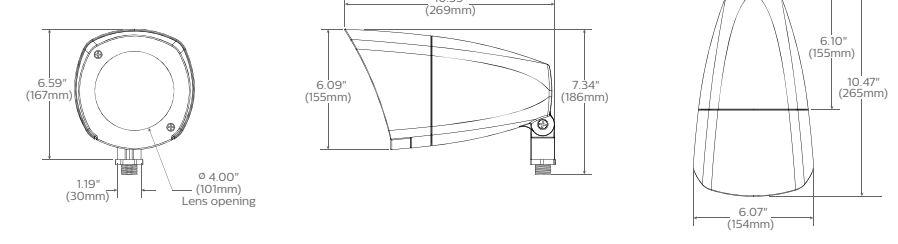
Wattage	Amps		3000K			4000K		
	120V	277V	Narrow	Medium	Wide	Narrow	Medium	Wide
10W	80mA	50mA	995	982	932	1102	1097	1023
13W	110mA	55mA	1427	1409	1337	1580	1573	1467
19W	155mA	75mA	2031	2006	1903	2249	2240	2089
27W	225mA	100mA	2797	2762	2621	3097	3087	2874
33W	275mA	120mA	3271	3230	3065	3622	3598	3372

Wattage to be installed



B9 FlexScape LED
Landscape line-voltage accent

Dimensions



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

NOTES:

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REVISIONS		SHEET NO.	F.16

SECTION 3 | Technical Specifications



City of Montgomery, TX

Budget Report Account Summary

For Fiscal: 2023-2024 Period Ending: 05/31/2024

	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 400 - MEDC						
Revenue						
400-00-44110-0000000						
Sales Tax Revenue	1,100,000.00	1,100,000.00	142,356.82	942,845.59	-157,154.41	14.29 %
400-00-44230-0000000						
Interest Income	60,000.00	60,000.00	9,173.24	70,965.59	10,965.59	118.28 %
400-00-44300-0000000						
Events Revenue	7,000.00	7,000.00	350.00	7,126.34	126.34	101.80 %
Revenue Total:	1,167,000.00	1,167,000.00	151,880.06	1,020,937.52	-146,062.48	12.52%
Expense						
400-40-46103-0000000						
Downtown Dev. Imp.	90,000.00	90,000.00	22,822.50	22,822.50	67,177.50	74.64 %
400-40-46104-0000000						
Utility Extensions	50,000.00	50,000.00	0.00	0.00	50,000.00	100.00 %
400-40-46107-0000000						
Transfer to Capital Proj	200,000.00	200,000.00	16,666.67	133,333.36	66,666.64	33.33 %
400-40-46111-0000000						
Streets & Sidewalks	40,000.00	40,000.00	0.00	0.00	40,000.00	100.00 %
400-40-46205-0000000						
Sales Tax Reimb	250,000.00	250,000.00	0.00	0.00	250,000.00	100.00 %
400-40-46206-0000000						
Econ Dev Grant Prog	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00 %
400-40-46209-0000000						
Dntwn & Cor. Fac & Env Enh.	50,000.00	50,000.00	0.00	0.00	50,000.00	100.00 %
400-40-46303-0000000						
Quality of Life - Events	113,200.00	113,200.00	1,188.53	43,296.23	69,903.77	61.75 %
400-40-46505-0000000						
Brochures / Printed Lit	4,000.00	4,000.00	0.00	177.50	3,822.50	95.56 %
400-40-46511-0000000						
Website	6,500.00	6,500.00	0.00	1,055.84	5,444.16	83.76 %
400-40-46514-0000000						
Social Media Advertising	3,000.00	3,000.00	0.00	291.25	2,708.75	90.29 %
400-40-46515-0000000						
Historical Signage	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00 %
400-40-46601-0000000						
Transfers to General Fund	275,000.00	275,000.00	22,916.67	183,333.36	91,666.64	33.33 %
400-40-46603-0000000						
Miscellaneous Expenses	500.00	500.00	0.00	580.00	-80.00	-16.00 %
400-40-46604-0000000						
Consulting/Professional Serv	51,800.00	51,800.00	0.00	9,800.00	42,000.00	81.08 %
400-40-46607-0000000						
Travel & Trainings Expenses	8,000.00	8,000.00	0.00	319.67	7,680.33	96.00 %
Expense Total:	1,167,000.00	1,167,000.00	63,594.37	395,009.71	771,990.29	66.15%
Fund: 400 - MEDC Surplus (Deficit):	0.00	0.00	88,285.69	625,927.81	625,927.81	0.00%
Report Surplus (Deficit):	0.00	0.00	88,285.69	625,927.81	625,927.81	0.00%

Budget Report

For Fiscal: 2023-2024 Period Ending: 05/31/2024

Group Summary

Account Typ...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance	
					Favorable (Unfavorable)	Percent Remaining
Fund: 400 - MEDC						
Revenue	1,167,000.00	1,167,000.00	151,880.06	1,020,937.52	-146,062.48	12.52%
Expense	1,167,000.00	1,167,000.00	63,594.37	395,009.71	771,990.29	66.15%
Fund: 400 - MEDC Surplus (Deficit):	0.00	0.00	88,285.69	625,927.81	625,927.81	0.00%
Report Surplus (Deficit):	0.00	0.00	88,285.69	625,927.81	625,927.81	0.00%

Item 3.

Budget Report

For Fiscal: 2023-2024 Period Ending: 05/31/2024

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
400 - MEDC	0.00	0.00	88,285.69	625,927.81	625,927.81
Report Surplus (Deficit):	0.00	0.00	88,285.69	625,927.81	625,927.81

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**MEDC Cash Analysis Report
As of May 31, 2024**

Claim on Cash Balances		
Account	Name	Balance
400-11111-00000	Claim on Cash - MEDC Fund 400	1,077,125.85
400-11201-00000	Claim on Pooled Investments - MEDC	2,003,391.52
Total Cash Balance		3,080,517.37

Bank Balances		
Account	Name	Balance
997-41110-00000	Pooled Inv - MEDC General	1,526,602.63
997-41120-00000	Pooled Inv - MEDC Reimbursement	258,392.98
997-41130-00000	Pooled Inv - MEDC Downtown	218,395.91
999-41100-00000	Pooled Cash - MEDC	724,156.75
Total Bank Balance		2,727,548.27

MEDC Cash Balance in General Pool 352,969.10

TexPool Interest Rate for May 2024 was 5.32%



City of Montgomery, TX

Budget Report Account Summary

For Fiscal: 2023-2024 Period Ending: 04/30/2024

	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 400 - MEDC						
Revenue						
400-00-44110-0000000						
Sales Tax Revenue	1,100,000.00	1,100,000.00	110,417.18	800,488.77	-299,511.23	27.23 %
400-00-44230-0000000						
Interest Income	60,000.00	60,000.00	8,826.58	61,792.35	1,792.35	102.99 %
400-00-44300-0000000						
Events Revenue	7,000.00	7,000.00	3,386.34	6,776.34	-223.66	3.20 %
Revenue Total:	1,167,000.00	1,167,000.00	122,630.10	869,057.46	-297,942.54	25.53%
Expense						
400-40-46103-0000000						
Downtown Dev. Imp.	90,000.00	90,000.00	0.00	0.00	90,000.00	100.00 %
400-40-46104-0000000						
Utility Extensions	50,000.00	50,000.00	0.00	0.00	50,000.00	100.00 %
400-40-46107-0000000						
Transfer to Capital Proj	200,000.00	200,000.00	16,666.67	116,666.69	83,333.31	41.67 %
400-40-46111-0000000						
Streets & Sidewalks	40,000.00	40,000.00	0.00	0.00	40,000.00	100.00 %
400-40-46205-0000000						
Sales Tax Reimb	250,000.00	250,000.00	0.00	0.00	250,000.00	100.00 %
400-40-46206-0000000						
Econ Dev Grant Prog	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00 %
400-40-46209-0000000						
Dntwn & Cor. Fac & Env Enh.	50,000.00	50,000.00	0.00	0.00	50,000.00	100.00 %
400-40-46303-0000000						
Quality of Life - Events	113,200.00	113,200.00	350.68	42,107.70	71,092.30	62.80 %
400-40-46505-0000000						
Brochures / Printed Lit	4,000.00	4,000.00	147.65	177.50	3,822.50	95.56 %
400-40-46511-0000000						
Website	6,500.00	6,500.00	0.00	1,055.84	5,444.16	83.76 %
400-40-46514-0000000						
Social Media Advertising	3,000.00	3,000.00	0.00	291.25	2,708.75	90.29 %
400-40-46515-0000000						
Historical Signage	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00 %
400-40-46601-0000000						
Transfers to General Fund	275,000.00	275,000.00	22,916.67	160,416.69	114,583.31	41.67 %
400-40-46603-0000000						
Miscellaneous Expenses	500.00	500.00	0.00	580.00	-80.00	-16.00 %
400-40-46604-0000000						
Consulting/Professional Serv	51,800.00	51,800.00	1,400.00	9,800.00	42,000.00	81.08 %
400-40-46607-0000000						
Travel & Trainings Expenses	8,000.00	8,000.00	729.67	319.67	7,680.33	96.00 %
Expense Total:	1,167,000.00	1,167,000.00	42,211.34	331,415.34	835,584.66	71.60%
Fund: 400 - MEDC Surplus (Deficit):	0.00	0.00	80,418.76	537,642.12	537,642.12	0.00%
Report Surplus (Deficit):	0.00	0.00	80,418.76	537,642.12	537,642.12	0.00%

Budget Report

For Fiscal: 2023-2024 Period Ending: 04/30/2024

Group Summary

Account Typ...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance	
					Favorable (Unfavorable)	Percent Remaining
Fund: 400 - MEDC						
Revenue	1,167,000.00	1,167,000.00	122,630.10	869,057.46	-297,942.54	25.53%
Expense	1,167,000.00	1,167,000.00	42,211.34	331,415.34	835,584.66	71.60%
Fund: 400 - MEDC Surplus (Deficit):	0.00	0.00	80,418.76	537,642.12	537,642.12	0.00%
Report Surplus (Deficit):	0.00	0.00	80,418.76	537,642.12	537,642.12	0.00%

Budget Report

For Fiscal: 2023-2024 Period Ending: 04/30/2024

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
400 - MEDC	0.00	0.00	80,418.76	537,642.12	537,642.12
Report Surplus (Deficit):	0.00	0.00	80,418.76	537,642.12	537,642.12

**MEDC Cash Analysis Report
As of April 30, 2024**

Claim on Cash Balances		
Account	Name	Balance
400-11111-00000	Claim on Cash - MEDC Fund 400	997,844.83
400-11201-00000	Claim on Pooled Investments - MEDC	1,994,386.85
Total Cash Balance		2,992,231.68

Bank Balances		
Account	Name	Balance
997-41110-00000	Pooled Inv - MEDC General	1,519,741.00
997-41120-00000	Pooled Inv - MEDC Reimbursement	257,231.56
997-41130-00000	Pooled Inv - MEDC Downtown	217,414.29
999-41100-00000	Pooled Cash - MEDC	747,985.68
Total Bank Balance		2,742,372.53

MEDC Cash Balance in General Pool 249,859.15

TexPool Interest Rate for April 2024 was 5.31%



City of Montgomery, TX

Check Report

By Check Number

Date Range: 04/01/2024 - 05/31/2024

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: AP MEDC-AP MEDC Account						
5385	Alpha Elite Performance Outdoors	04/01/2024	Regular	0.00	500.00	2526
1133	Amazon Capital Services	04/08/2024	Regular	0.00	79.94	2527
5556	Matthew Knippa	04/08/2024	Regular	0.00	200.00	2528
3500	Michael Voytko	04/08/2024	Regular	0.00	200.00	2529
3500	Michael Voytko	04/08/2024	Regular	0.00	-200.00	2529
4195	Sales Revenue, Inc.	04/08/2024	Regular	0.00	1,400.00	2530
5145	Kevin Smith.	05/07/2024	Regular	0.00	825.00	2531
5495	Tyler Mayhugh	05/10/2024	Regular	0.00	200.00	2532
5145	Kevin Smith.	05/17/2024	Regular	0.00	150.00	2533
5425	Found Design LLC	05/23/2024	Regular	0.00	22,822.50	2534
1549	Card Service Center	04/18/2024	Bank Draft	0.00	178.25	DFT0000601

Bank Code AP MEDC Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	9	9	0.00	26,377.44
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	-200.00
Bank Drafts	1	1	0.00	178.25
EFT's	0	0	0.00	0.00
	10	11	0.00	26,355.69

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Check Report

Date Range: 04/01/2024 - 05/31/2024

All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	9	9	0.00	26,377.44
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	-200.00
Bank Drafts	1	1	0.00	178.25
EFT's	0	0	0.00	0.00
	10	11	0.00	26,355.69

Fund Summary

Fund	Name	Period	Amount
999	Pooled Cash - Operating	4/2024	2,358.19
999	Pooled Cash - Operating	5/2024	23,997.50
			26,355.69

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City of Montgomery Events Report

Events March to June 2024

Event Name	Scheduled Date	Estimated Attendees
Movie Night at the Park	3/16	Postponed due to weather
Montgomery Community Garage Sale	3/23	800+
Montgomery Music & Mudbugs	3/23	3000+
March 4 Our Military	3/30	100+
Church of Montgomery Easter Car Hop	3/30	200
2024 Solar Eclipse in Montgomery	4/08	20
Spring Sip & Stroll	4/11	50
Movie Night at the Park	4/20	Postponed due to weather
Spring Sip & Stroll	4/25	50
Spring Sip & Stroll	5/09	50
Public Service Recognition Picnic	5/10	42
Lone Star Street Dance – Spring Fling	5/11	300+
Spring Sip & Stroll	5/16	Cancelled due to weather
Spring Sip & Stroll	5/23	50
Movie Night at the Park	5/25	60
Movie Night at the Park	6/15	60+

Upcoming Events July 2024

Event Name	Scheduled Date	Estimated Attendees
Freedom Fest Montgomery 2024	7/06	~1500
Movie Night at the Park	7/06	40+ (social media estimates 383)
Health Class "Love Your Heart"	7/09	
Montgomery Water Party 2024	7/13	50+ (social media estimates 688)
Health Class "Prevent Now"	7/30	

Event Budget 2023/2024

Quality of Life Event Categories	Internal Planning Budget	Actual Budget Spent	Remaining Budget
Unallocated Events	\$19,000.00	\$8,179.94	\$10,820.06
Events Equipment	\$1,000.00	\$480.89	\$402.74
Contests / Prizes	\$2,000.00	\$1,000.00	\$0.00
Neighborhood Water Party	\$3,000.00	\$846.76	\$2,153.24
Texas Flag Celebration	\$700.00	\$582.95	\$117.05
Light up Montgomery	\$4,000.00	\$2,959.50	\$1,040.50
Christmas Parade	\$12,000.00	\$11,054.06	\$945.94
Montgomery Quilt Walk	\$4,000.00	\$1,186.51	\$1,913.49
Movie Night	\$3,500.00	\$2,986.00	\$514.00
Snow in Historic Montgomery, TX	\$22,000.00	\$12,139.96	\$9,860.04
Trick or Treat Historic Montgomery	\$3,000.00	\$2,800.00	\$200.00
Quality of Life - Ruck for Veterans	\$500.00	\$500.00	\$0.00
	\$74,700	44,716.57	27,967.06

101 OLD PLANTERSVILLE ROAD, MONTGOMERY, TEXAS 77316

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