

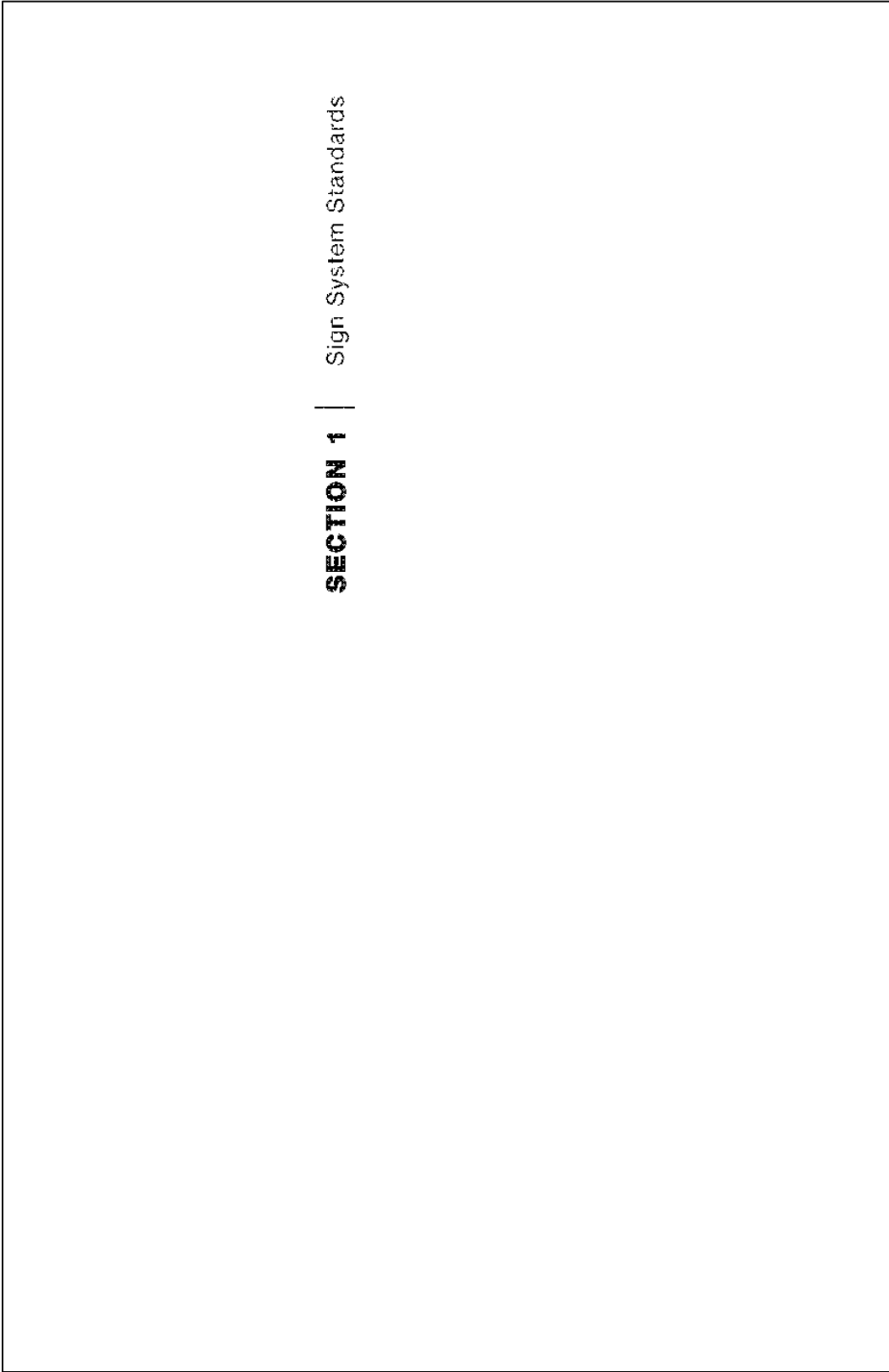
Northwest Arkansas (NWA)
Regional Wayfinding and Signage System

Northwest Arkansas Council

Bella Vista
Bentonville
Eureka Springs
Fayetteville
Lowell
Rogers
Silvaco Springs
Springdale

100% DESIGN INTENT DRAWINGS
December 19, 2012

merue
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120 North Church Street
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



SECTION 1 | Sign System Standards



A | Graphic Standards

<p>SPECIFICATIONS</p> <p>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 PARFOOT ON shall be aware that different weights and styles of the specified typeface may not match specified typefaces and in such instances will not be acceptable.</p> <p>Sometimes the Footmark is mistaken for an apostrophe. Below are examples of correct and incorrect apostrophe's for each typeface.</p> <p>FUTURA LIGHT</p> <p>! This apostrophe is CORRECT. PARK'S</p> <p>X This apostrophe is INCORRECT. PARK'S</p> <p>FUTURA BOOK</p> <p>! This apostrophe is CORRECT. PARK'S</p> <p>X This apostrophe is INCORRECT. PARK'S</p>	<p>merje</p> <p>ENVIRONMENTS & EXPERIENCES</p> <p>120 North Church Street Suite 208 New Canaan, CT 06840 Tel: 203.439.6666 www.merjedesign.com</p> <p>CLIENT / PROJECT NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System</p> <p>PRODUCT NO. SHEET TITLE Typography Specifications</p> <p>SHEET NO. A.2</p>
<p>NOTES</p> <p>This typeface is a primary typeface and is used within the identity system.</p>	<p>merje</p> <p>DATE: 12/19/2012</p> <p>OWNER: PR</p> <p>REVISIONS</p> <p>These drawings represent an ESSENTIAL INTENT ONLY. They are not to be used for construction or fabrication without the express written consent of the Designer. The Designer shall be responsible for all dimensions and conditions on the job. Contractor shall be liable with the user for any errors or omissions. The user shall be responsible for any alterations from the information and conditions stated on these drawings. The user shall be responsible for any errors or omissions. All drawings shall be submitted for review and approval by the Designer. The user shall be responsible for any errors or omissions. All drawings shall be submitted for review and approval by the Designer.</p>
<p>Futura Light</p> <p>ABCDEFGHIJKLMN O P Q R S T U V W X Y Z</p> <p>abcdefghijklmnopqrstuvwxy z</p> <p>1 2 3 4 5 6 7 8 9 0 " i @ # \$ % ^</p> <p>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.</p> <p>Downtown NOT acceptable</p> <p>1 2 3 A NOT acceptable</p> <p>Futura Book</p> <p>ABCDEFGHIJKLMN O P Q R S T U V W X Y Z</p> <p>abcdefghijklmnopqrstuvwxy z</p> <p>1 2 3 4 5 6 7 8 9 0 " i @ # \$ % ^</p> <p>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.</p> <p>Downtown NOT acceptable</p> <p>1 2 3 A NOT acceptable</p>	

<p style="text-align: center;">GRAPHIC ELEMENTS</p> <p style="text-align: center;">BELLA VISTA LOWELL</p> <p style="text-align: center;">BENTONVILLE ROGERS</p> <p style="text-align: center;">EUREKA SPRINGS SILOAM SPRINGS</p> <p style="text-align: center;">FAYETTEVILLE SPRINGDALE</p> <p style="text-align: center;">SYMBOLS</p> <div style="text-align: center;">  <p>PARKING ICON</p> </div> <p style="text-align: center;">ARROWS</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Straight Arrow</p> </div> <div style="text-align: center;">  <p>Up-Right Arrow</p> </div> <div style="text-align: center;">  <p>Up-Left Arrow</p> </div> <div style="text-align: center;">  <p>Left Arrow</p> </div> <div style="text-align: center;">  <p>Right Arrow</p> </div> <div style="text-align: center;">  <p>Up-Straight-Right Arrow</p> </div> <div style="text-align: center;">  <p>Up-Straight-Left Arrow</p> </div> <div style="text-align: center;">  <p>Straight-Left Arrow</p> </div> <div style="text-align: center;">  <p>Straight-Right Arrow</p> </div> </div>	<p style="text-align: center;">SPECIFICATIONS</p> <p>All artwork pictured on this page will be provided to the sign fabricator for use in the production of signs. All artwork is for informational purposes only. Applications in this provided documentation. Do NOT substitute with any other artwork!</p> <p style="text-align: center;">USE of Arrows</p> <p>When multiple directions are required on a sign, the following directional hierarchy shall take precedent. See Example below. Reference Message Schedule for Individual Messages.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Straight Arrow</p> </div> <div style="text-align: center;">  <p>Left Arrow</p> </div> <div style="text-align: center;">  <p>Right Arrow</p> </div> </div> <p style="text-align: center;">NOTES</p>
<p>ENVIRONMENTS & EXPERIENCES</p> <p>merje</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484.206.0648 www.merjesign.com</p>	
<p>CLIENT / PROJECT</p> <p>NORTHWEST ARKANSAS REGIONAL WAYFINDING AND SIGNAGE SYSTEM</p>	
<p>PROJECT INFO.</p> <p>SHEET TITLE</p> <p>Project Artwork</p>	
<p>SHEET NO.</p> <p>A.5</p>	

R REFLECTIVE VINYL		SPECIFICATION		APPLICABLE		PROCESS	
R1		NWA White	3M High Intensity Prismatic Reflective Sheeting 3320 Color: White	Standard for System (type)	Kiescheid White; Background and Characters 3M custom inks direct to 3500 with 3M approved Clear UV6/anti overlaminate; *Applied according to Manufacturers Spec to aluminum sheet.		
R2		NWA Blue	3M High Intensity Prismatic Reflective Sheeting 3320 Color Match: Maribone Paint MP E5665	Standard for System (type)	Custom Color; Background and Characters 3M custom inks direct to 3500 with 3M approved Clear UV6/anti overlaminate; *Applied according to Manufacturers Spec to aluminum sheet.		
R3		NWA Red	3M High Intensity Prismatic Reflective Sheeting 3320 Color Match: Maribone Paint MP 28979	Standard for System (type)	Custom Color; Background and Characters 3M custom inks direct to 3500 with 3M approved Clear UV6/anti overlaminate; *Applied according to Manufacturers Spec to aluminum sheet.		
R4		NWA Medium Blue	To Match Pantone® 506c	Standard for System (type)	Custom Color; Background and Characters 3M custom inks direct to 3500 with 3M approved Clear UV6/anti overlaminate; *Applied according to Manufacturers Spec to aluminum sheet.		
R13		R Bright Green	To Match Pantone® 563c	City of Rogers	Custom Color; Background and Characters 3M custom inks direct to 3500 with 3M approved Clear UV6/anti overlaminate; *Applied according to Manufacturers Spec to aluminum sheet.		
<p>* MUST comply with MUTCD section 2B.6.2.3 - Minimum maintained retroreflectivity levels. Approved process: Dura (R10-15) process, Sherwin Industries; (R04-17) BEET. Note: The production and/or application process used to apply the reflective sheeting must be approved by the manufacturer. The amount of material is NOT preferred. The weight of a sign panel is greater than 6 lbs./sq. ft. per 300 square feet of surface (varies with company and projects), to meet the weight requirement, please refer to this site for approved materials.</p>							
V VINYL		SPECIFICATION		APPLICABLE		PROCESS	
V1		NVA White	3M Scotchcal Opaque Vinyl Color: 180C-10 White	Standard for System (type)	Surface applied.		
V2		NVA Blue	3M Scotchcal Opaque Vinyl Color: 180C-10 Light Navy	Standard for System (type)	Surface applied.		
V3		NVA Red	3M Scotchcal Opaque Vinyl Color: 180C-68 Dark Burgandy	Standard for System (type)	Surface applied.		
V4		NVA Medium Blue	3M Scotchcal Opaque Vinyl Color: 180C-417 Sky Blue	Standard for System (type)	Surface applied.		
V5		NVA Black	3M Scotchcal Opaque Vinyl Color: 7725-13 Black	Standard for System (type)	Surface applied.		
V6							
V7							
V8							

SPECIFICATIONS

The FABRICATOR must submit three (3) identical sets of each color specified for reflective sheeting to the PROJECT MANAGER. The reflective sheeting must be on 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 Northwest Arkansas Regional Weyfing Program. All media, vinyl, paint, and inks must be produced so that the colors match as specified on this page.

NOTES

These designs are meant for 6000 WIDE ROLL and are not for contract. Contractor shall verify all dimensions and materials with the manufacturer of the job. Contractor shall be liable with the roll.

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CLIENT PROJECT
NORTHWEST ARKANSAS
 Regional Weyfing and Signage System

PROJECT NO.
 SHEET TITLE

CLIENT PROJECT
NORTHWEST ARKANSAS
 Regional Weyfing and Signage System

PROJECT NO.
 SHEET TITLE

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 T. 861.266.0648
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DESIGNER
 DATE: 12/19/2012
 DRAWN BY: PR
 REVISIONS:

REFLECTIVE and OPAQUE VINYL COLOR CHART

SHEET NO.
A.6

SPECIFICATIONS

Three (3) different types of post configurations are available within the NWA Regional Weyfending Program.

Standard Post 1 configuration is a traditional style; only the custom post and base covers can be powder-coated or painted with the Municipality color standard.

Standard Post 2 configuration is a contemporary style; the Steelink® post and base covers can be powder-coated with the Municipality color standard.

Standard Post 3 configuration is a Victorian style; the Steelink® post and cast iron Columbia® base can be powder-coated with the Municipality color standard.

STANDARD POST 1
Steelink Post
w/custom fabricated post cover and base

STANDARD POST 2
Steelink Post
w/custom fabricated base

STANDARD POST 2 is the standard post to be used in the City of Rogers. Powder coat bronze (RAL 8019 grey brown or Federal Standard Color 20062).

STANDARD POST 3
Steelink Post
w/cast iron Columbia® base

NOTES:

1. Posts are to be installed vertically and must be installed in a concrete foundation. Posts are to be installed in a concrete foundation. Posts are to be installed in a concrete foundation.
2. Posts are to be installed in a concrete foundation. Posts are to be installed in a concrete foundation. Posts are to be installed in a concrete foundation.
3. Posts are to be installed in a concrete foundation. Posts are to be installed in a concrete foundation. Posts are to be installed in a concrete foundation.
4. All exposed edges painted to match adjacent work.

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CLIENT / PROJECT

NORTHWEST ARKANSAS (NWA)
Regional Weyfending and Signage System

DATE 12/19/2012

DRAWN BY PFI

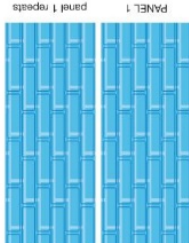
PROJECT NO.

SHEET TITLE

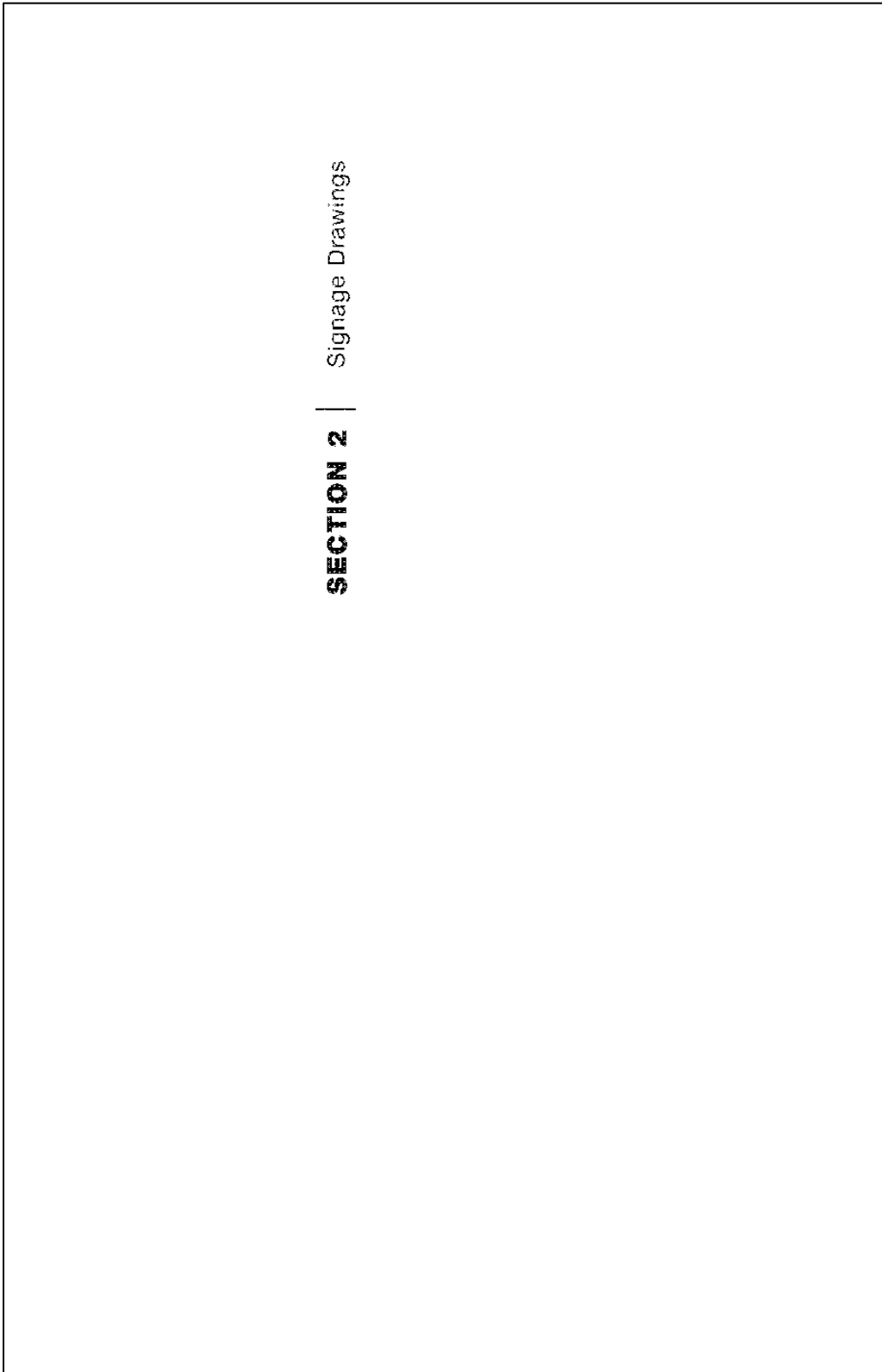
STANDARD POST SYSTEMS

SHEET NO. **B.1**

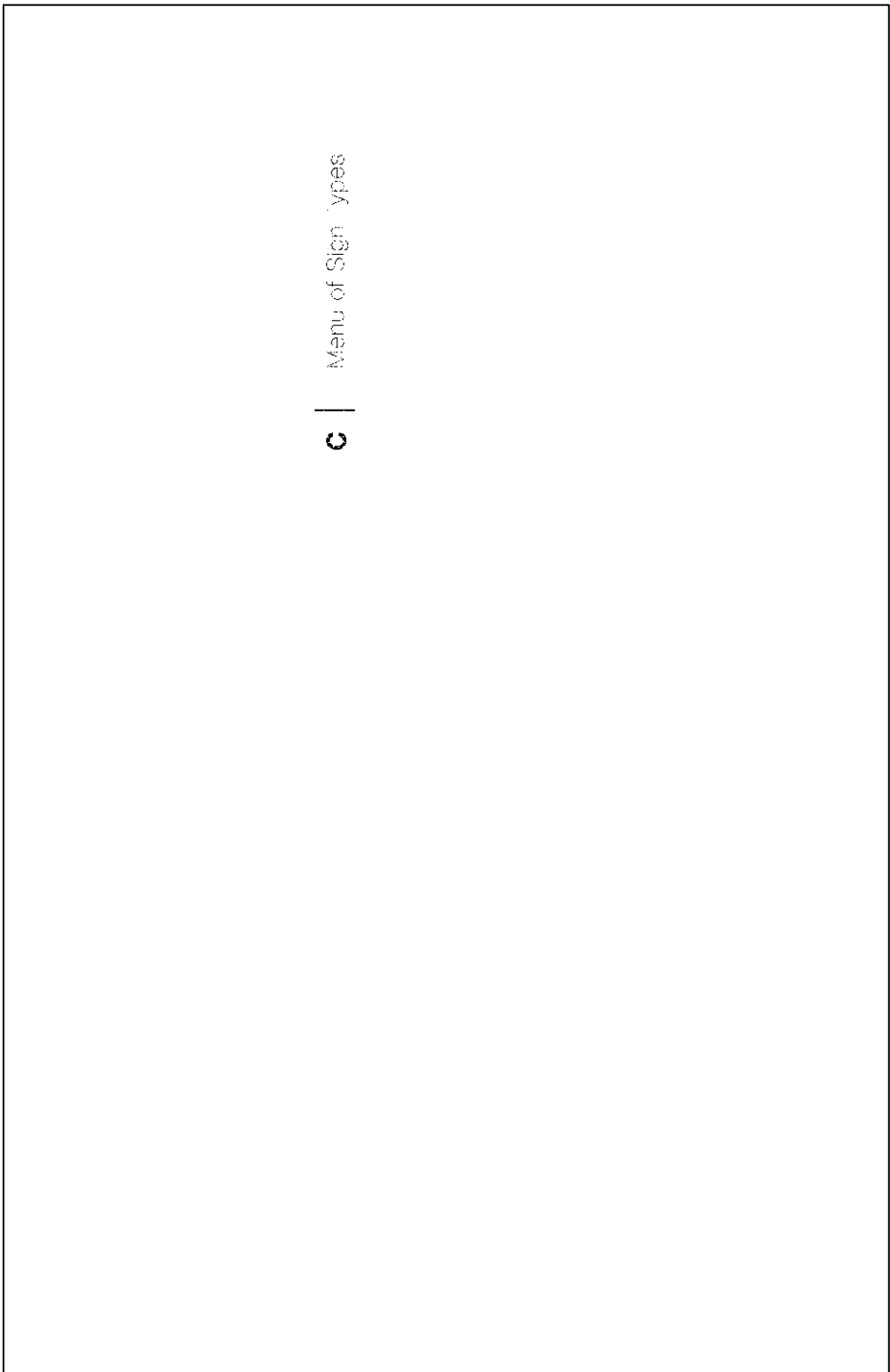
<p>SPECIFICATIONS</p> <p>All artwork pictured on this page will be provided to the sign fabricator by the designer under contract. This artwork must be used for all sign fabrication and must not be altered in any way.</p> <p>Do NOT substitute with any other artwork!</p>	<p>NOTES:</p> <ol style="list-style-type: none"> 1. Fabricator to verify all sign conditions and provide a signed drawing for sign approval. 2. Fabricator to provide a signed drawing for sign approval. 3. Designer to check for placement prior to fabrication. 4. Fabricator to provide a signed drawing for sign approval. 5. Fabricator: All exposed surfaces shall be finished with a clear coat. 6. All exposed edges painted to match adjacent face. <p>ENVIRONMENTAL EXPERIENCES</p> <p>merje</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T: 610.256.0648 www.merjesign.com</p> <p>CLIENT PROJECT</p> <p>DATE: 12/19/2012</p> <p>DRAWN BY: PFI</p> <p>PROJECT TITLE: NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System</p> <p>PROJECT NO.:</p> <p>SHEET TITLE:</p> <p>BACK PANEL GRAPHICS</p> <p>REVISIONS:</p> <p>SHEET NO.: B.2</p>
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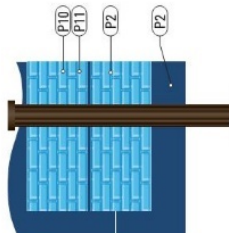
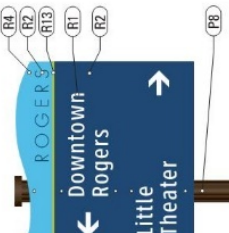


ROGERS
Back Panel Graphics



SECTION 2 | Signage Drawings



<p>SPECIFICATIONS</p> <p>NWA SIGNAGE SYSTEM Color System Standards for each City</p> <p>Lowell Rogers Silsam Springs Springdale</p> <p>Refer to pages A.6-7 for reflective vinyl and paint standards. See pages C.3-16 for each of the NWA Cities sign system overview.</p>	 <p>ROGERS Color System (back side)</p>  <p>ROGERS Color System (front side)</p>
<p>NOTES:</p> <ol style="list-style-type: none"> 1. Materials to which the preceding conditions and provide a final drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer. All color parameters must be obtained from the Designer. 2. Materials to which the preceding conditions and provide a final drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer. All color parameters must be obtained from the Designer. 3. Materials: All exposed hardware shall be bronze powder finishes. 4. An engineer sign permit is required for all signs. 	
<p>ENVIRONMENTS & EXPERIENCES</p> <p>merje</p> <p>120 North Church Street Suite 200 Springdale, AR 71650 Tel: 479.266.0646 www.merjedesign.com</p>	
<p>CLIENT / PROJECT</p> <p>NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System</p>	
<p>PROJECT NO.</p> <p>SHEET TITLE</p> <p>NWA Signage System Color System Standards for each City</p>	
<p>DATE 12/19/2012</p> <p>DRAWN BY PR</p> <p>These drawings are issued by merje. merje does not accept any responsibility for the accuracy or completeness of the drawings and conditions of these drawings. This work shall be used only for the purposes intended. merje does not warrant any color in this drawing. Sign drawings are not to be used for construction. All work shall be performed by a sign expert. merje does not accept any responsibility for the accuracy or completeness of these drawings.</p>	
<p>REVISIONS</p>	
<p>SHEET NO.</p> <p>C.2</p>	

SPECIFICATIONS

City of Rogers, Arkansas

Vehicular Directional Signage System Overview

VDIR.1: Vehicular Directional - 1 message

VDIR.2: Vehicular Directional - 2 messages

VDIR.3: Vehicular Directional - 3 messages

VDIR.5: Vehicular Directional - 2 messages

VDIR.6: Vehicular Directional - 3 messages

Not Shown - See pages E.4-5

VDIR.3ALT: Vehicular Directional - 2 messages (6 in.)

VDIR.4: Vehicular Directional - 1 message

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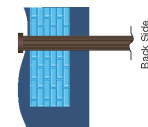
DATE: 12/19/2012

TOWN/ID: PR


CLIENT / PROJECT: NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System

PROJECT NO.:
SHEET TITLE: Rogers Vehicular Directional Signage System Overview


REVISIONS:
SHEET NO.: **C-11**




Back Side




Vehicular Directional
VDIR.1
(4 inch Message; 2.5mph or less)




Vehicular Directional
VDIR.2
(4 inch Message; 2.5mph or less)



Vehicular Directional
VDIR.3
(4 inch Message; 2.5mph or less)



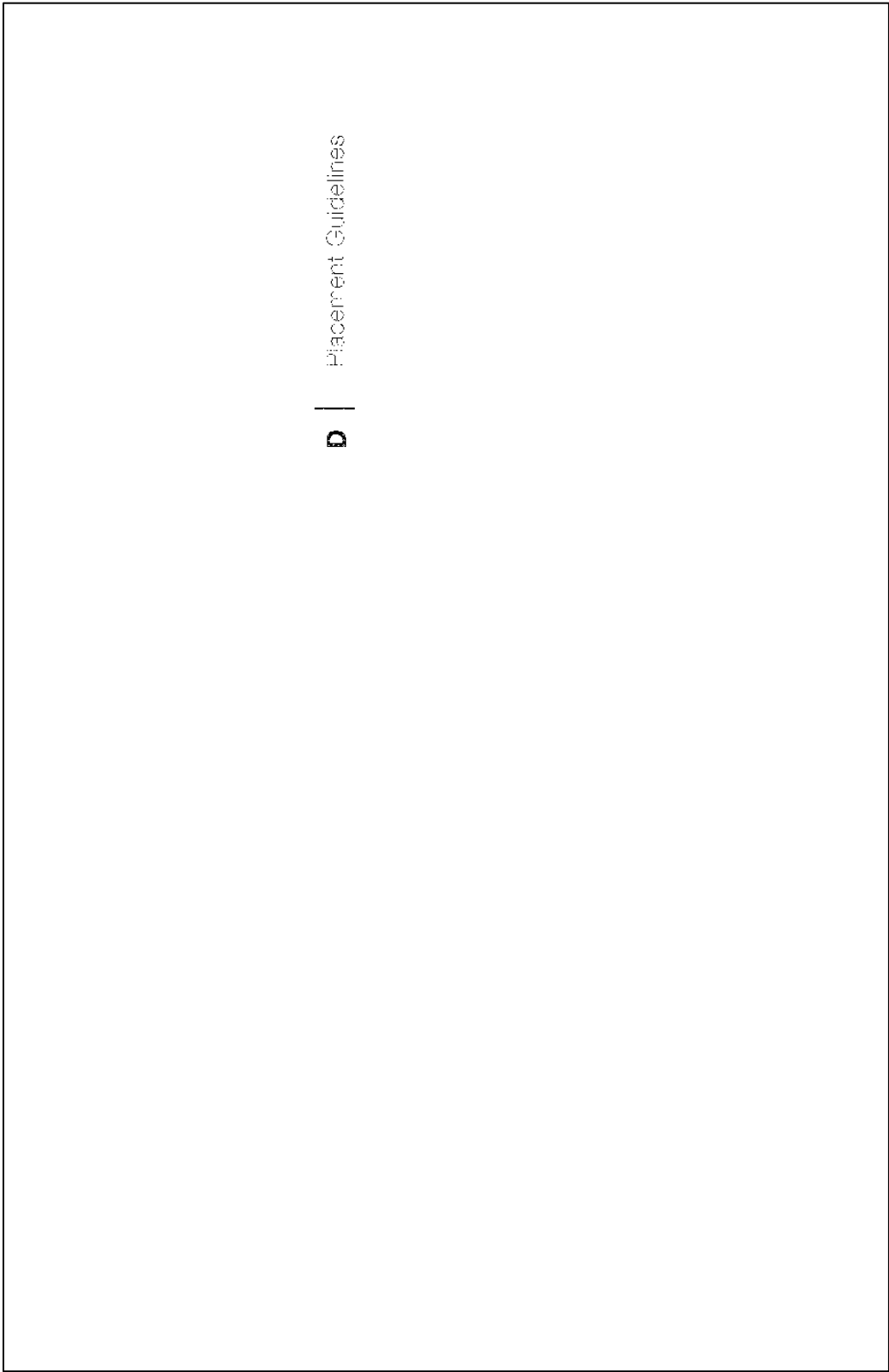
Vehicular Directional
VDIR.5
(6 inch Message; 3.5mph or more)



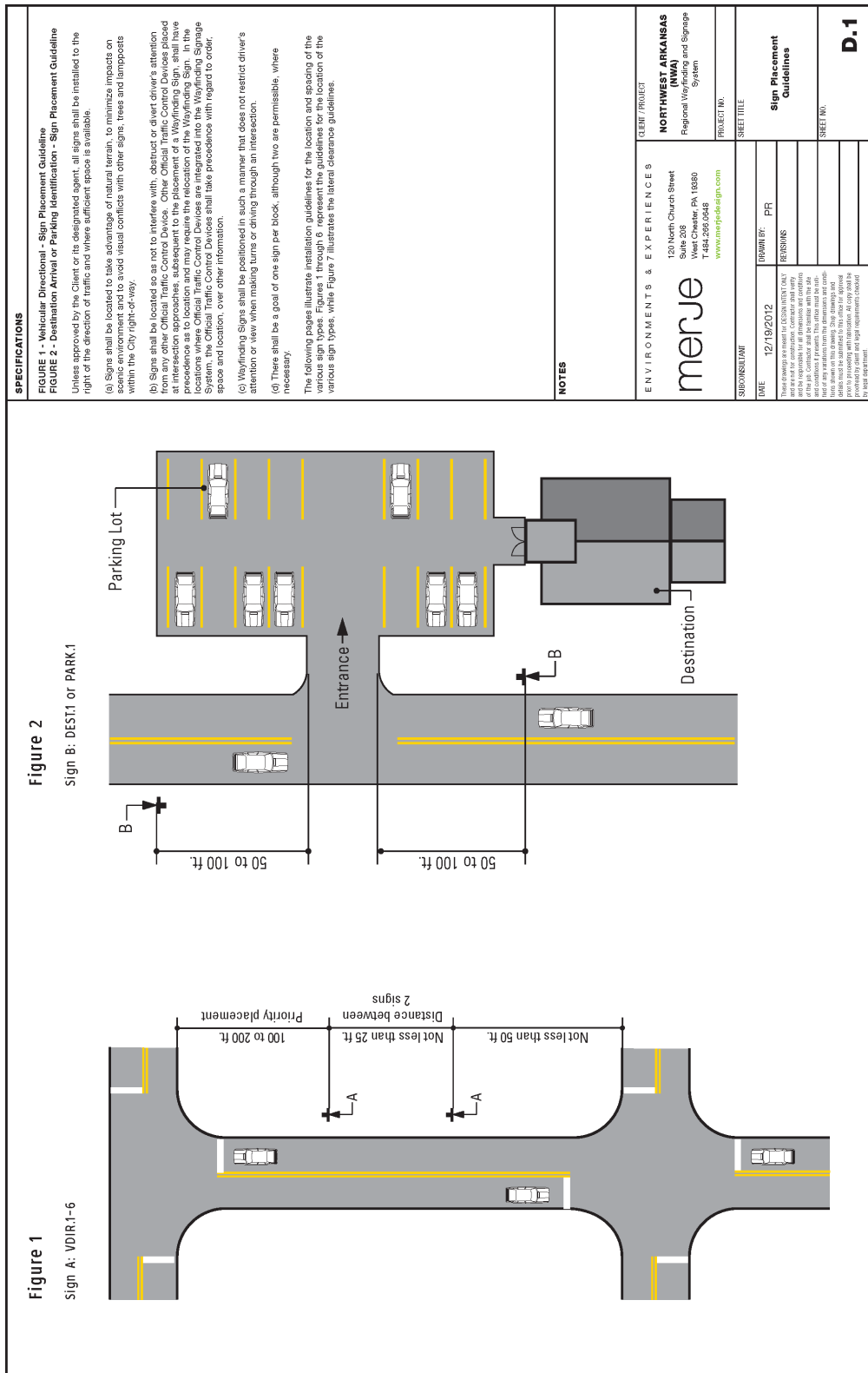
Vehicular Directional
VDIR.6
(6 inch Message; 3.5mph or more)

NOTES:

1. These drawings are meant for DESIGN PURPOSES ONLY and are not for construction. All dimensions and conditions of the sign, signs and signposts are subject to change without notice.
2. Message or client for aluminum panel fabrication.
3. Fabricate: All exposed hardware shall be tamper proof fasteners.
4. All exposed ends treated to match adjacent face.



D | Placement Guidelines



SPECIFICATIONS

FIGURE 1 - Vehicular Directional - Sign Placement Guideline

FIGURE 2 - Destination Arrival or Parking Identification - Sign Placement Guideline

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

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

(b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from the roadway. Signs shall be placed at least 10 feet from the edge of the roadway 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) These shall be a goal of one sign per block, although two are permissible, where necessary.

The following pages illustrate installation guidelines for the location and spacing of the various sign types. Figures 1 through 6 represent the guidelines for the location of the various sign types, while Figure 7 illustrates the lateral clearance guidelines.

NOTES

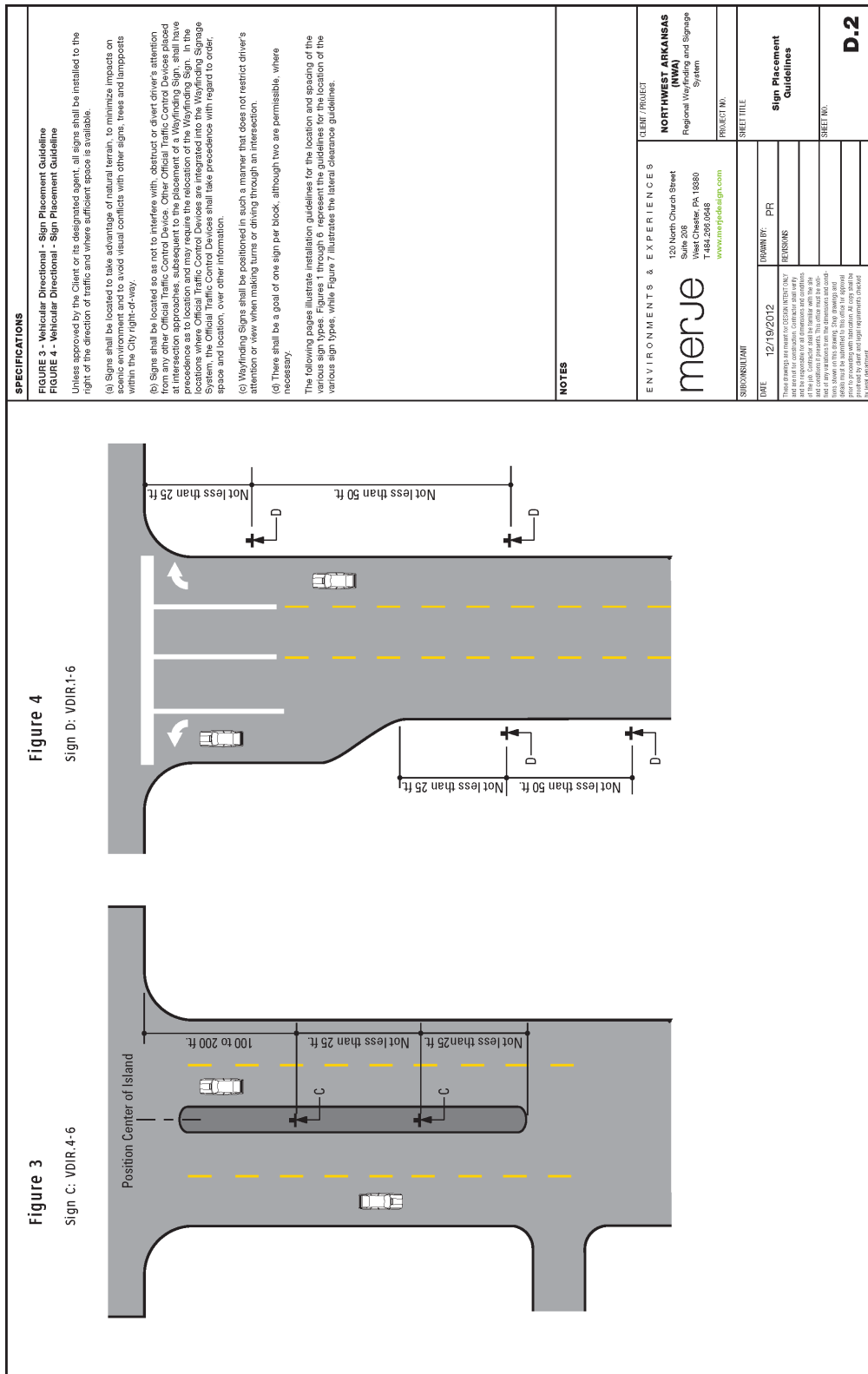
CLIENT / PROJECT
NORTHWEST ARKANSAS (NWA)
Regional Wayfinding and Signage System

PROJECT NO.
SHEET TITLE

ENVIRONMENTAL & EXPERIENCES
130 North Church Street
Suite 208
Arkadelphia, AR 71930
Tel: 870.245.1048
www.merje.com

merje

SUBCONSULTANT	DATE	ISSUED BY	REVISIONS	SHEET NO.
	12/19/2012	PR		D.1
<p>These drawings are issued for DESIGN INTENT ONLY. The user of these drawings shall be responsible for all dimensions and conditions of the job. Consultant shall be liable with the user for any errors or omissions. The user shall be responsible for any modifications to the drawings. The user shall be responsible for any modifications to the drawings. The user shall be responsible for any modifications to the drawings. The user shall be responsible for any modifications to the drawings.</p>				<p>Sign Placement Guidelines</p>



SPECIFICATIONS

FIGURE 3 - Vehicular Directional - Sign Placement Guideline
FIGURE 4 - Vehicular Directional - Sign Placement Guideline
 Unless approved by the Client or its designated agent, all signs shall be installed to the right of the direction of traffic and where sufficient space is available.
 (a) Signs shall be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lamp posts within the City right-of-way.
 (b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from the roadway. Signs shall be placed at least 10 feet from the edge of the road at intersection approaches, subsequent to the placement of a Weyfinding Sign, shall have precedence as to location and may require the relocation of the Weyfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Weyfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.
 (c) Weyfinding 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 gap of one sign per block, although two are permissible, where necessary.

The following pages illustrate installation guidelines for the location and spacing of the various sign types. Figures 1 through 6 represent the guidelines for the location of the various sign types, while Figure 7 illustrates the lateral clearance guidelines.

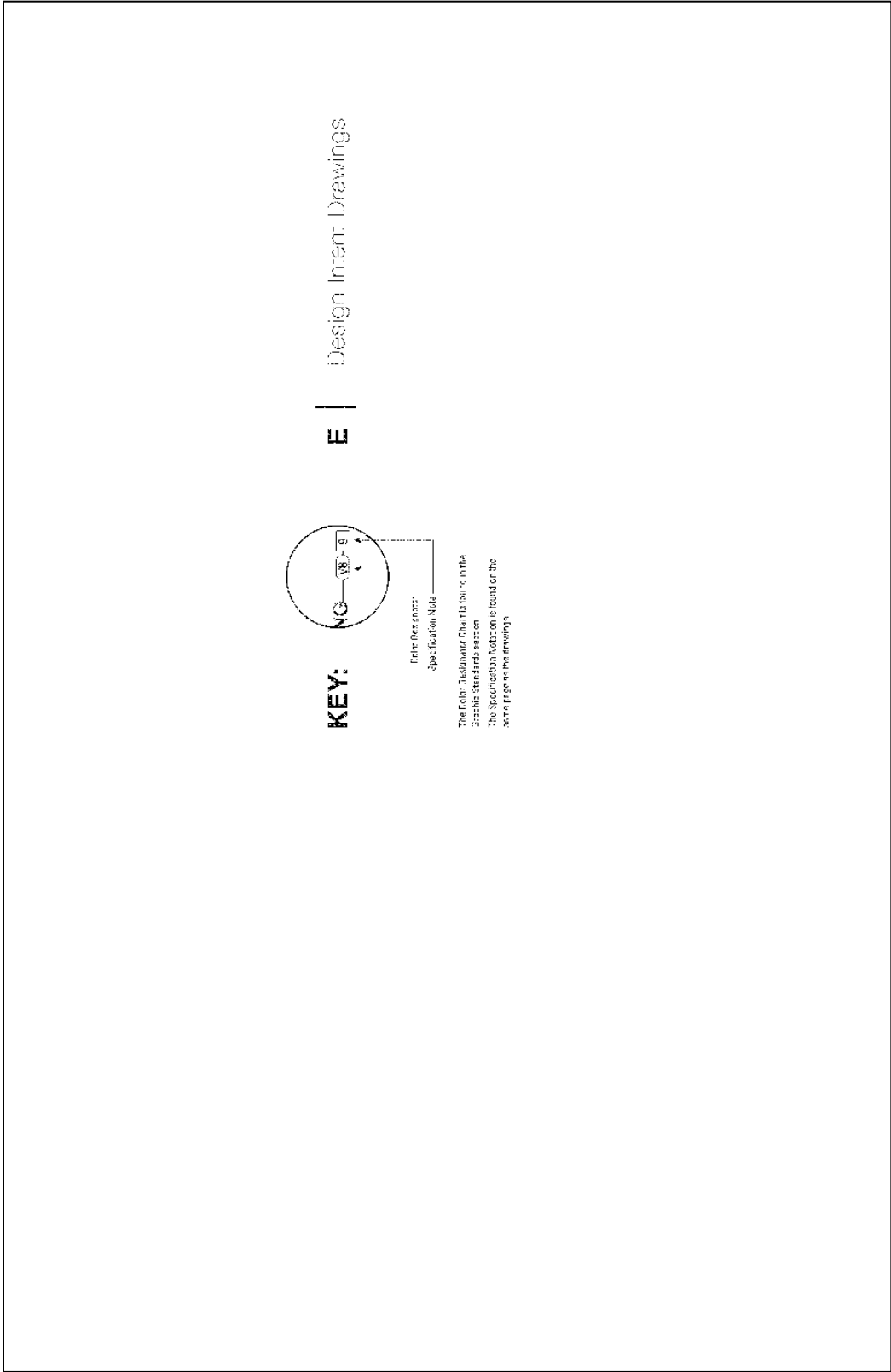
NOTES

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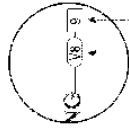
CLIENT / PROJECT
NORTHWEST ARKANSAS (NWA)
 Regional Weyfinding and Signage System

PROJECT NO.	
SHEET TITLE	Sign Placement Guidelines
DATE	12/19/2012
DRAWN BY	PR
REVISIONS	
SHEET NO.	D.2

DISCLAIMER
 THESE DRAWINGS ARE PREPARED FOR CLIENT INTENT ONLY and are not to be construed as a contract. CONTRACTOR shall verify all dimensions and conditions of the site. CONTRACTOR shall be liable with the City of West Chester for any violations of the specifications and conditions of the drawings. THE CITY OF WEST CHESTER SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE DRAWINGS. ANY CHANGES TO THESE DRAWINGS SHALL BE APPROVED BY THE CITY OF WEST CHESTER. ALL COPY SHALL BE MADE IN ACCORDANCE WITH THE CITY OF WEST CHESTER'S STANDARD SPECIFICATIONS FOR HIGHWAY CONTRACTS.



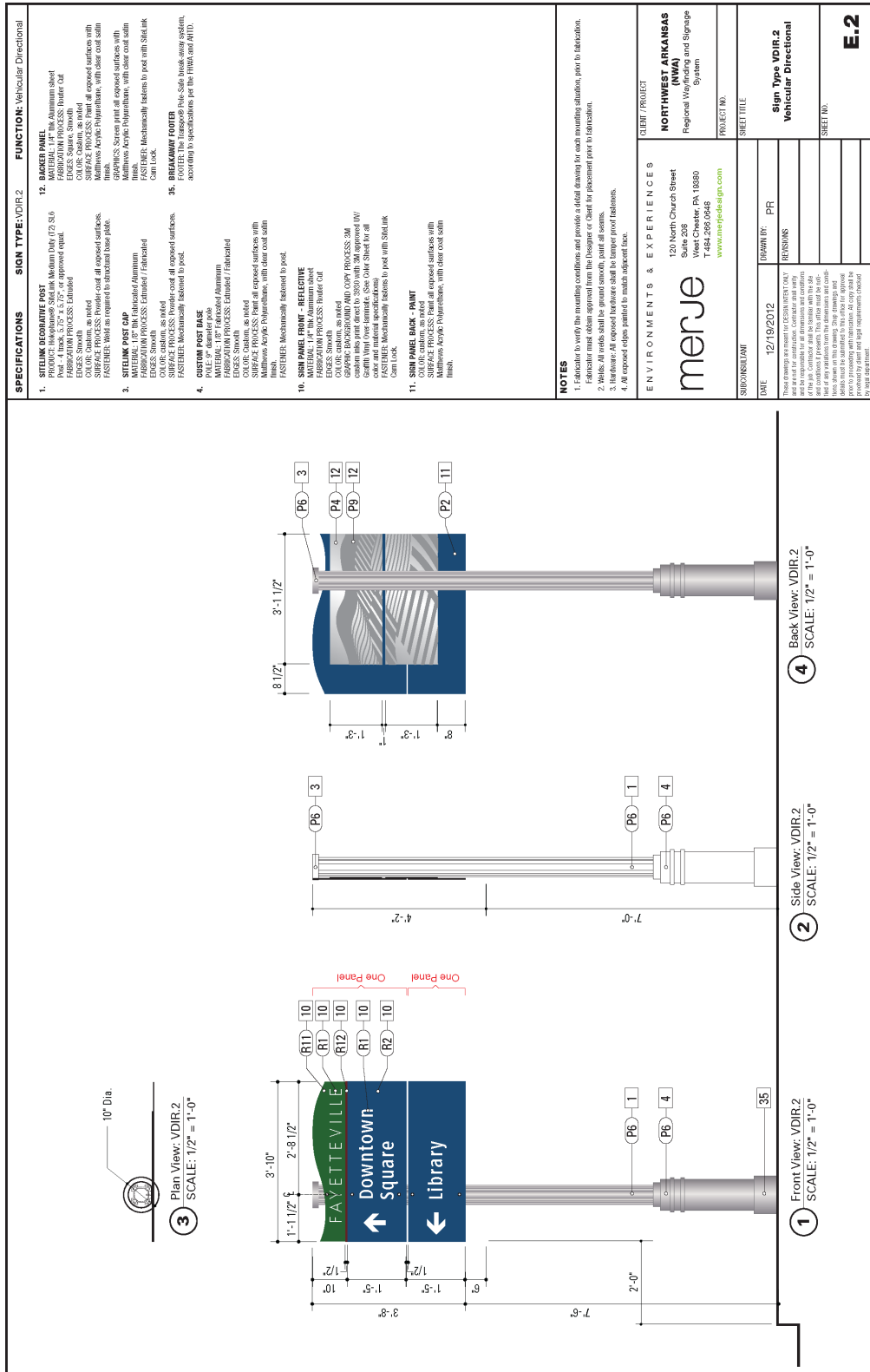
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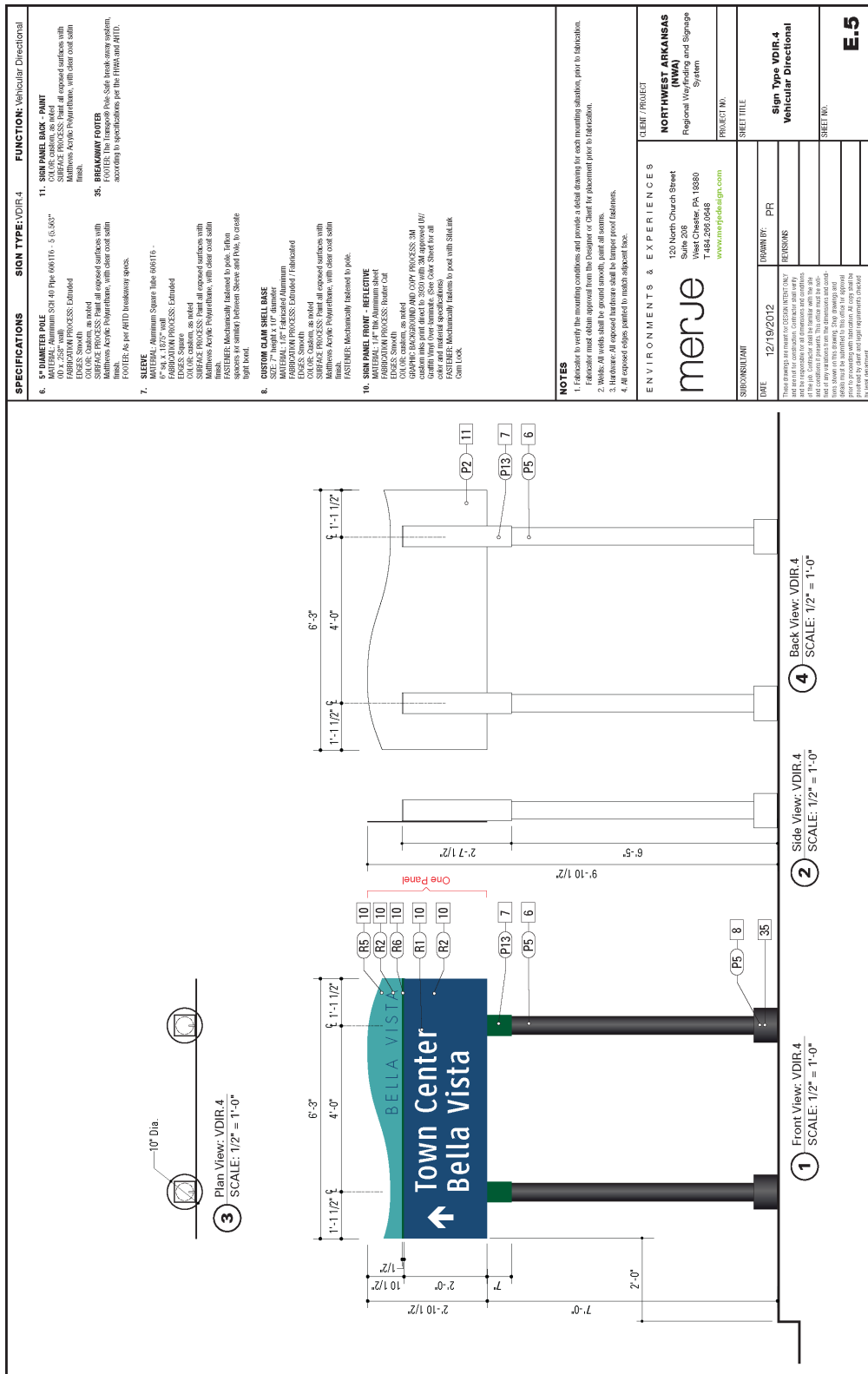
E | Design Insert Drawings

The Color: The Signature Chart is found in the
32-2-10-2 Standards section.

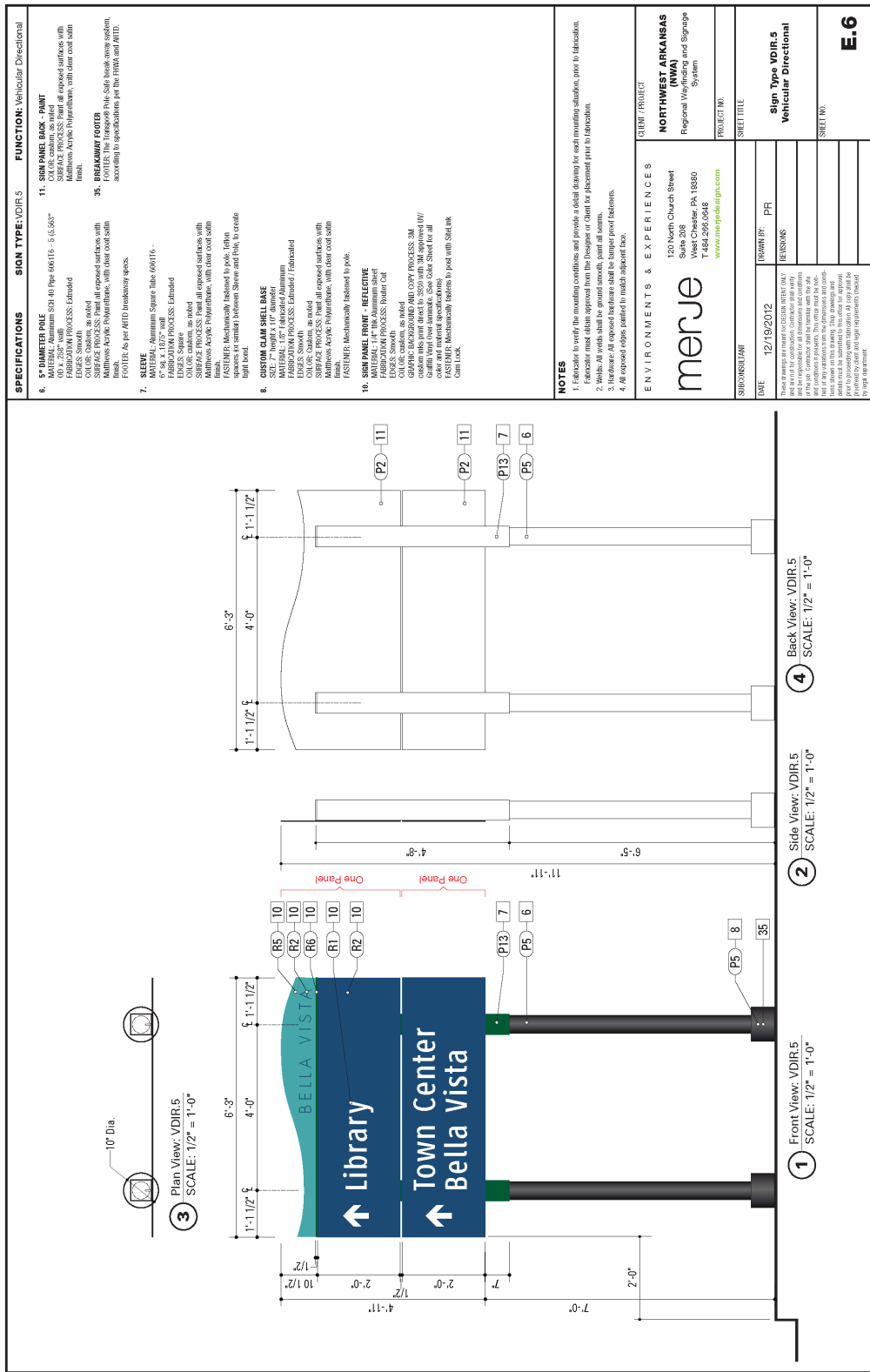
The Specification Notes are found on the
same page as the drawing.



SPECIFICATIONS	SIGN TYPE: VDIR.2	FUNCTION: Vehicular Directional
<p>1. SIGN PANEL FRONT - PAINT PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p> <p>2. SIGN PANEL FRONT - FINISH PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p> <p>3. SIGN PANEL FRONT - FINISH PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p> <p>4. CUSTOM POST BASE PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p> <p>10. SIGN PANEL FRONT - REFLECTIVE PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p> <p>11. SIGN PANEL BACK - PAINT PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p>	<p>12. SIGN PANEL FRONT - PAINT PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p> <p>13. SIGN PANEL FRONT - FINISH PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p> <p>14. SIGN PANEL FRONT - FINISH PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p> <p>15. SIGN PANEL FRONT - FINISH PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p>	<p>16. SIGN PANEL FRONT - FINISH PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p> <p>17. SIGN PANEL FRONT - FINISH PROC: 4 back, 5.75" x 5.75", or approved equal. FABRICATION PROCESS: Router Cut FINISH: 3000 Grit Sandpaper COLOR: Black, as noted SURFACE FINISH: Matte FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel FASTENER: 304 Stainless Steel</p>
<p>NOTES</p> <ol style="list-style-type: none"> Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Welds: All welds shall be ground smooth, paint all seams. Hardware: All exposed hardware shall be tamper proof fasteners. All exposed edges polished to match adjacent face. 		
<p>ENVIRONMENTAL & EXPERIENCES</p> <p>merje 120 North Church Street Suite 208 West Chester, PA 19380 744-209-0948 www.merjedesign.com</p>		
<p>CLIENT / PROJECT</p> <p>NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System</p>		
<p>SUBCONSULTANT</p> <p>DATE: 12/19/2012 DRAWN BY: PR REVISIONS:</p>		
<p>SHEET TITLE</p> <p>Sign Type VDIR.2 Vehicular Directional</p>		
<p>SHEET NO.</p> <p>E.2</p>		



SPECIFICATIONS	SIGN TYPE: VDIR.4	FUNCTION: Vehicular Directional
<p>6. SIGN PANEL BACK - PAINT MATERIAL: 100% Acrylic Enamel SURFACE PROCESS: Paint all exposed surfaces with Enamel Acrylic Polyurethane, with clear coat satin finish. FINISH: Enamel Acrylic Polyurethane, with clear coat satin finish.</p> <p>7. SLERE MATERIAL: 1/2" Aluminum Square Tube 6061T5 - 4" x 4" x .125" wall FINISH: Enamel Acrylic Polyurethane, with clear coat satin finish. SURFACE PROCESS: Enamel Acrylic Polyurethane, with clear coat satin finish. FINISH: Enamel Acrylic Polyurethane, with clear coat satin finish.</p> <p>8. MOUNTING ON SIGN BASE MATERIAL: 1" Fabricated Aluminum FINISH: Enamel Acrylic Polyurethane, with clear coat satin finish. SURFACE PROCESS: Enamel Acrylic Polyurethane, with clear coat satin finish. FINISH: Enamel Acrylic Polyurethane, with clear coat satin finish.</p> <p>9. SIGN PANEL FRONT - REFLECTIVE MATERIAL: 3M Scotchlite FINISH: Enamel Acrylic Polyurethane, with clear coat satin finish. SURFACE PROCESS: Enamel Acrylic Polyurethane, with clear coat satin finish. FINISH: Enamel Acrylic Polyurethane, with clear coat satin finish.</p> <p>10. SIGN PANEL FRONT - REFLECTIVE MATERIAL: 3M Scotchlite FINISH: Enamel Acrylic Polyurethane, with clear coat satin finish. SURFACE PROCESS: Enamel Acrylic Polyurethane, with clear coat satin finish. FINISH: Enamel Acrylic Polyurethane, with clear coat satin finish.</p>		
<p>NOTES</p> <p>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.</p> <p>2. Welds: All welds shall be ground smooth, paint all seams.</p> <p>3. Hardware: All exposed hardware shall be temper proof fasteners.</p> <p>4. All exposed edges painted to match adjacent face.</p>		
<p>ENVIRONMENT & EXPERIENCES</p> <p>merje 120 North Church Street Suite 208 West Chester, PA 19380 484-206-0946 www.merje.com</p>		
<p>CLIENT / PROJECT NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System</p>		
<p>PROJECT NO.</p>		
<p>SHEET TITLE</p>		
<p>DATE 12/19/2012</p>		
<p>DESIGNER PR</p>		
<p>REVISIONS</p>		
<p>SHEET NO.</p>		
<p>E.5</p>		



SPECIFICATIONS

- 6. SIGN PANEL** - Fabricated Aluminum Square Tube 6061-T6
 MATERIAL: Aluminum Square Tube 6061-T6
 SURFACE PROCESS: Paint all exposed surfaces with
 color matching acrylic polyurethane, with clear coat satin
 finish.
 EDGES: Smooth
 COLOR: custom, as noted
 FASTENER: Mechanically fastened to pole, then
 painted to match between store and pole, to create
 both bond.
7. SKEWER - Fabricated Aluminum Square Tube 6061-T6
 MATERIAL: Fabricated Aluminum Square Tube 6061-T6
 SURFACE PROCESS: Extruded
 COLOR: custom, as noted
 FASTENER: Mechanically fastened to pole, then
 painted to match between store and pole, to create
 both bond.
8. CUSTOM CLAM SHELL BASE
 MATERIAL: 1/2" Fabricated Aluminum
 SURFACE PROCESS: Extruded / Fabricated
 EDGES: Smooth
 COLOR: custom, as noted
 FASTENER: Mechanically fastened to pole,
 then painted to match between store and pole, to create
 both bond.
9. SIGN PANEL FRONT - REFLECTIVE
 MATERIAL: 1/2" Fabricated Aluminum
 SURFACE PROCESS: Extruded / Fabricated
 EDGES: Smooth
 COLOR: custom, as noted
 FASTENER: Mechanically fastened to pole,
 then painted to match between store and pole, to create
 both bond.
10. SIGN PANEL FRONT - REFLECTIVE
 MATERIAL: 1/2" Fabricated Aluminum
 SURFACE PROCESS: Extruded / Fabricated
 EDGES: Smooth
 COLOR: custom, as noted
 FASTENER: Mechanically fastened to pole,
 then painted to match between store and pole, to create
 both bond.

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.
- Weather all needs about the ground surface, paint all seams.
- As exposed edges painted to match adjacent face.

ENVIRONMENTS & EXPERIENCES

120 North Church Street
 Suite 208
 Fayetteville, AR 72701
 T: 484.209.0548
www.merje-design.com

CLIENT / PROJECT

NORTHWEST ARKANSAS (NWA)
 Regional Wayfinding and Signage System

PROJECT NO.

SHEET TITLE

DATE

ISSUED BY

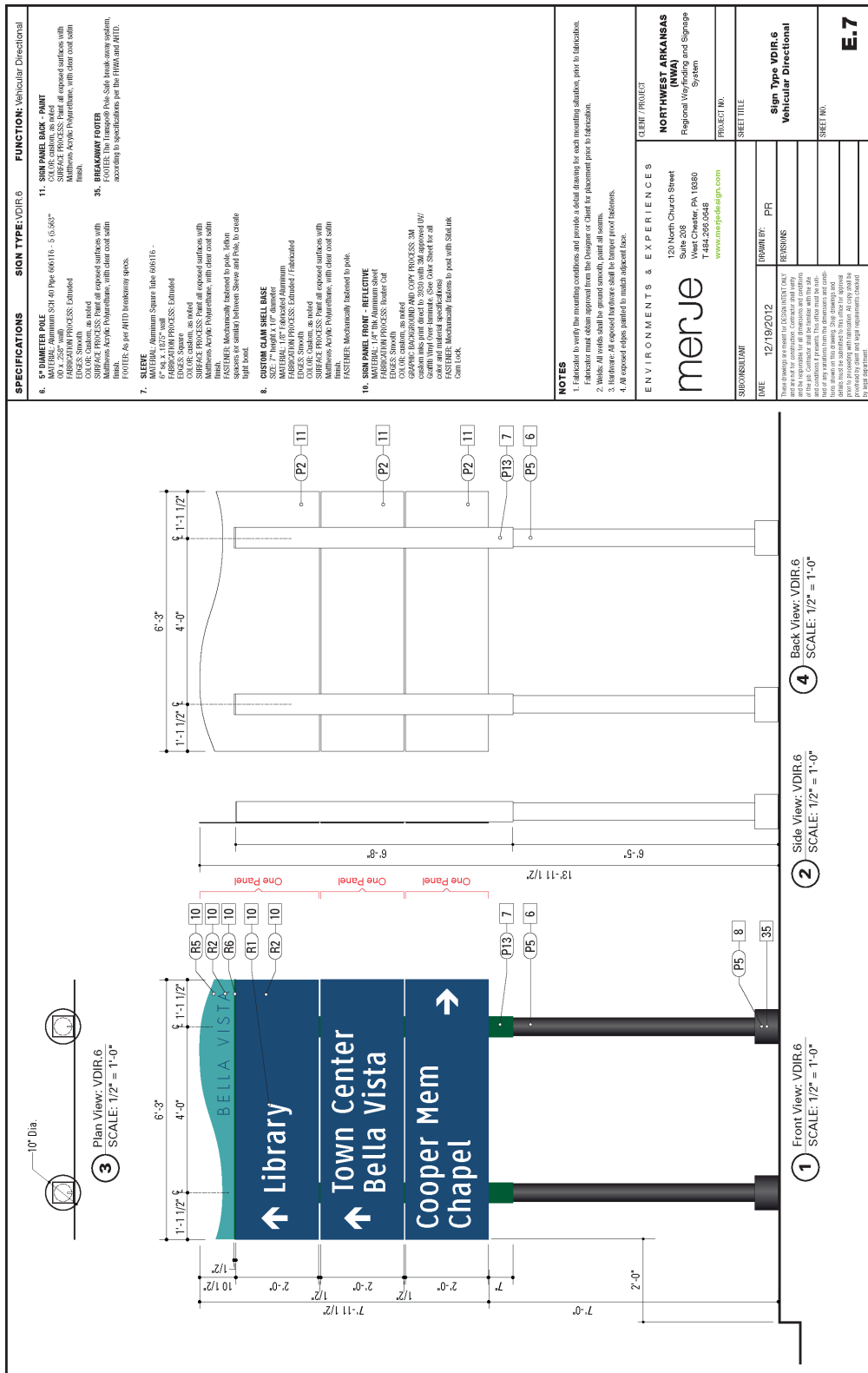
REVISIONS

Sign Type VDIR.5

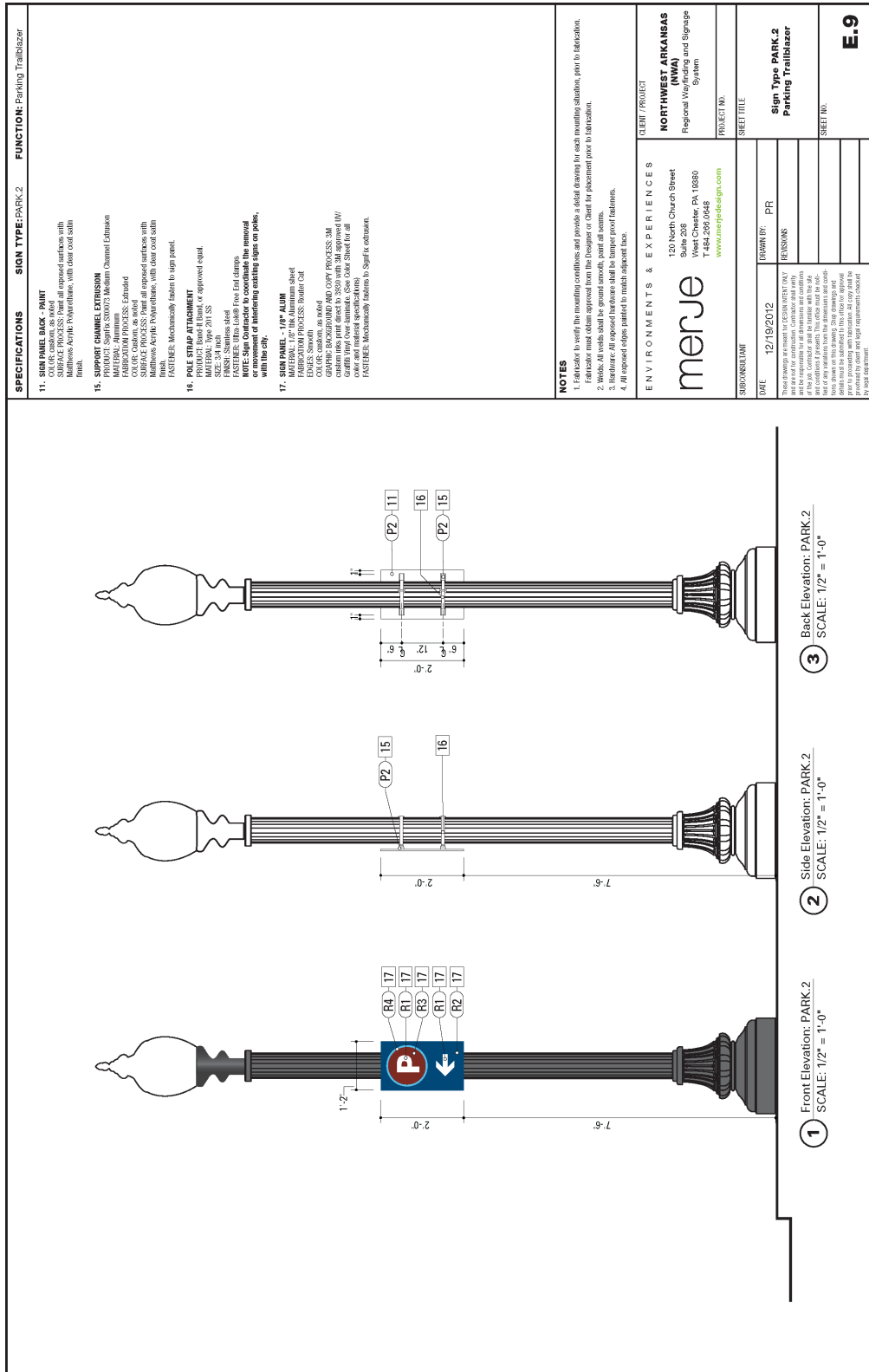
Vehicular Directional

SHEET NO.

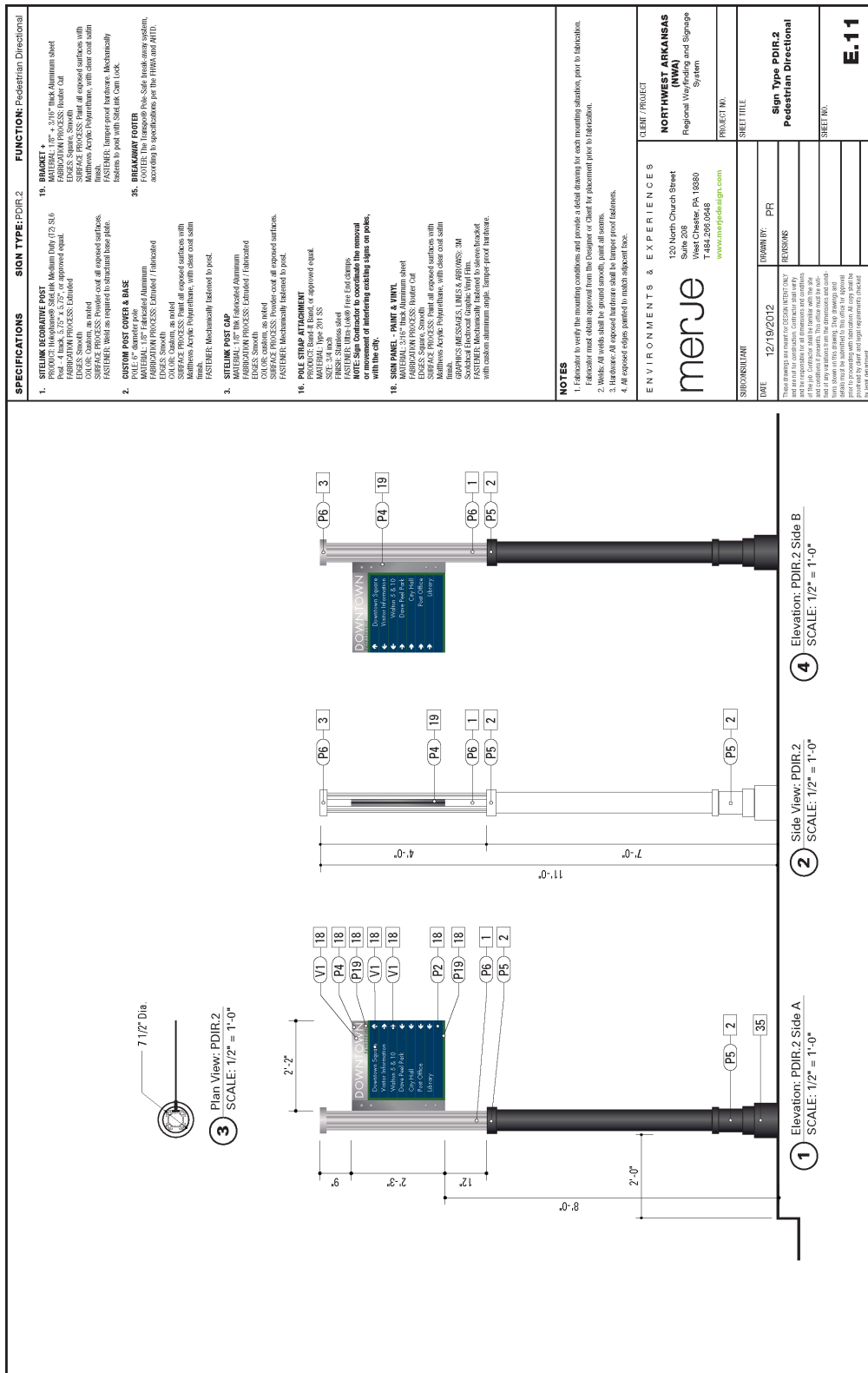
E-6



SPECIFICATIONS	SIGN TYPE: VDIR.6	FUNCTION: Vehicular Directional
<p>6. SIGN PANEL BACK - FINIT MATERIAL: 1/4" Thick Aluminum SURFACE PROCESS: Paint all exposed surfaces with Duracolor Acrylic Polyurethane, with clear coat satin finish. EDGES: Smooth</p> <p>7. SLEEVE MATERIAL: 1/4" Thick Aluminum SURFACE PROCESS: Paint all exposed surfaces with Duracolor Acrylic Polyurethane, with clear coat satin finish. EDGES: Smooth</p> <p>8. CASSION OR SHIELD BASE MATERIAL: 1/4" Thick Aluminum SURFACE PROCESS: Paint all exposed surfaces with Duracolor Acrylic Polyurethane, with clear coat satin finish. EDGES: Smooth</p> <p>9. SIGN PANEL FRONT - REFLECTIVE MATERIAL: 1/4" Thick Aluminum SURFACE PROCESS: Paint all exposed surfaces with Duracolor Acrylic Polyurethane, with clear coat satin finish. EDGES: Smooth</p> <p>10. SIGN PANEL FRONT - REFLECTIVE MATERIAL: 1/4" Thick Aluminum SURFACE PROCESS: Paint all exposed surfaces with Duracolor Acrylic Polyurethane, with clear coat satin finish. EDGES: Smooth</p> <p>11. SIGN PANEL BACK - FINIT MATERIAL: 1/4" Thick Aluminum SURFACE PROCESS: Paint all exposed surfaces with Duracolor Acrylic Polyurethane, with clear coat satin finish. EDGES: Smooth</p>		
<p>NOTES</p> <p>1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. 2. Welds: All welds shall be ground smooth, paint all seams. 3. Finish: All exposed surfaces shall be primer/powder finished. 4. All exposed edges painted to match adjacent face.</p>		
<p>ENVIRONMENTAL EXPERIENCES</p> <p>merje 130 North Church Street Suite 208 North Conway, AR 71968 Tel: 484-2048 www.merje.com</p>		
<p>CLIENT / PROJECT NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System</p>		
<p>SUBCONSULTANT DATE: 12/19/2012 DRAWN BY: PR REVISIONS:</p>		
<p>SHEET TITLE Sign Type VDIR.6 Vehicular Directional</p>		
<p>SHEET NO. E.7</p>		



SPECIFICATIONS	SIGN TYPE: PARK.2	FUNCTION: Parking Trailblazer
<p>11. SIGN PANEL BUCK - MINT CHROME PLATE ALUMINUM SURFACE FINISH: Paint all exposed surfaces with Fluoropolymer Acrylic Polyurethane, with clear coat satin finish.</p> <p>15. SIGNPOST CHANNEL EXTENSION PROJECT: SIGNAGE SYSTEM Medium Channel Extension MATERIAL: Aluminum FINISH: Clear Anodized DIM. OR. Channel: as noted</p> <p>SURFACE FINISHES: Paint all exposed surfaces with Fluoropolymer Acrylic Polyurethane, with clear coat satin finish.</p> <p>FASTENER: Mechanically fasten to sign panel.</p> <p>16. POLE STRAP ATTACHMENT PRODUCT: Down it Band, or approved equal. FINISH: Stainless steel SIZE: 3/4" x 1/2" x 20" SS</p> <p>17. SIGN PANEL - 1P - ALUM MATERIAL: Aluminum FINISH: Clear Anodized EDGES: Smooth CORNER: ROUNDED GRAPHIC REPRODUCTION AND COPY PROCESS: CM CUSTOM: into print direct to 360 with 3M approved UV PROTECTANT. All hardware to be stainless steel. Color and material specified on drawing. FASTENER: Mechanically fasten to Sign to extension.</p>		
<p>NOTES</p> <ol style="list-style-type: none"> 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. Welds: All welds shall be ground smooth, paint all seams. Hardware: All exposed hardware shall be tamper proof fasteners. All exposed edges polished to radii adjacent face. 	<p>CLIENT / PROJECT NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System</p> <p>PROJECT NO. SHEET TITLE Sign Type PARK.2 Parking Trailblazer</p> <p>SHEET NO. E.9</p>	
<p>ENVIRONMENT & EXPERIENCES 120 North Church Street Suite 208 West Chester, PA 19380 1-484-206-0648 www.merjesign.com</p> <p>merje</p> <p>SUBCONSULTANT</p>	<p>DATE: 12/19/2012</p> <p>DESIGNED BY: PR</p> <p>REVISIONS</p>	<p>These drawings are issued for CONSTRUCTION ONLY and are not to be used for construction. Contractor shall verify all dimensions and conditions of the site. Contractor shall be liable with the sign designer for any errors in the drawings and any errors in the field. The sign designer shall be responsible for the accuracy and completeness of the drawings and shall be responsible for any errors in the drawings and any errors in the field. The sign designer shall be responsible for the accuracy and completeness of the drawings and shall be responsible for any errors in the drawings and any errors in the field.</p>



20. KIOSK POLE
 MATERIAL: Aluminum SCH 40 Pipe 80610 - 2, 2.315"
 FINISH: Anodized Aluminum
 COLOR: Custom, as noted
 FINISH: Square, Smooth
 FABRICATION PROCESS: Router Cut
 SURFACE PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.

21. KIOSK CENTER PANEL
 MATERIAL: 1/4" Thick Aluminum sheet
 FINISH: Square, Smooth
 FABRICATION PROCESS: Router Cut
 SURFACE PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.

22. KIOSK FRAME PANELS
 MATERIAL: 1/4" Thick Aluminum sheet
 FINISH: Square, Smooth
 FABRICATION PROCESS: Router Cut
 SURFACE PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.

23. BREAKAWAY FOOTER
 MATERIAL: 1/4" Thick Aluminum sheet
 FINISH: Square, Smooth
 FABRICATION PROCESS: Router Cut
 SURFACE PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.

24. MAP GRAPHIC PANEL
 PRODUCT NAME: Dimeo, 2008 Charter Oak Drive, Suite 209, West Chester, PA 19380
 CONTACT: info@merje.com
 PRODUCT: Digital high pressure phenolic laminate
 GRAPHIC APPROVAL PROCESS: Submit 12x12" sample section of typical project panel for image and color approval.
 WARRANTY PERIOD: Ten (10) years from product ship date.
 FINISH: Square, Smooth
 FABRICATION PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.
GRAPHIC PANEL SIZE: 28 1/2" W x 42 1/2" H.
Live (window) area: 26" W x 42" H.

FUNCTION: Pedestrian Kiosk

SIGN TYPE: KIOSK.1

20. KIOSK POLE
 MATERIAL: Aluminum SCH 40 Pipe 80610 - 2, 2.315"
 FINISH: Anodized Aluminum
 COLOR: Custom, as noted
 FINISH: Square, Smooth
 FABRICATION PROCESS: Router Cut
 SURFACE PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.

21. KIOSK CENTER PANEL
 MATERIAL: 1/4" Thick Aluminum sheet
 FINISH: Square, Smooth
 FABRICATION PROCESS: Router Cut
 SURFACE PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.

22. KIOSK FRAME PANELS
 MATERIAL: 1/4" Thick Aluminum sheet
 FINISH: Square, Smooth
 FABRICATION PROCESS: Router Cut
 SURFACE PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.

23. BREAKAWAY FOOTER
 MATERIAL: 1/4" Thick Aluminum sheet
 FINISH: Square, Smooth
 FABRICATION PROCESS: Router Cut
 SURFACE PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.

24. MAP GRAPHIC PANEL
 PRODUCT NAME: Dimeo, 2008 Charter Oak Drive, Suite 209, West Chester, PA 19380
 CONTACT: info@merje.com
 PRODUCT: Digital high pressure phenolic laminate
 GRAPHIC APPROVAL PROCESS: Submit 12x12" sample section of typical project panel for image and color approval.
 WARRANTY PERIOD: Ten (10) years from product ship date.
 FINISH: Square, Smooth
 FABRICATION PROCESS: Paint all exposed surfaces with Marine Acrylic Polyurethane, with clear coat satin finish.
GRAPHIC PANEL SIZE: 28 1/2" W x 42 1/2" H.
Live (window) area: 26" W x 42" H.

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication.
2. Hardware shall be provided through, apart of all cases.
3. Hardware All exposed hardware shall be tamper proof fasteners.
4. All exposed edges painted to match adjacent face.

CLIENT / PROJECT
NORTHWEST ARKANSAS (NWA) Regional Way and Signage System

ENVIRONMENTS & EXPERIENCES
 120 North Church Street
 Suite 209
 West Chester, PA 19380
 T 484-286-0648
www.merjedesign.com

merje

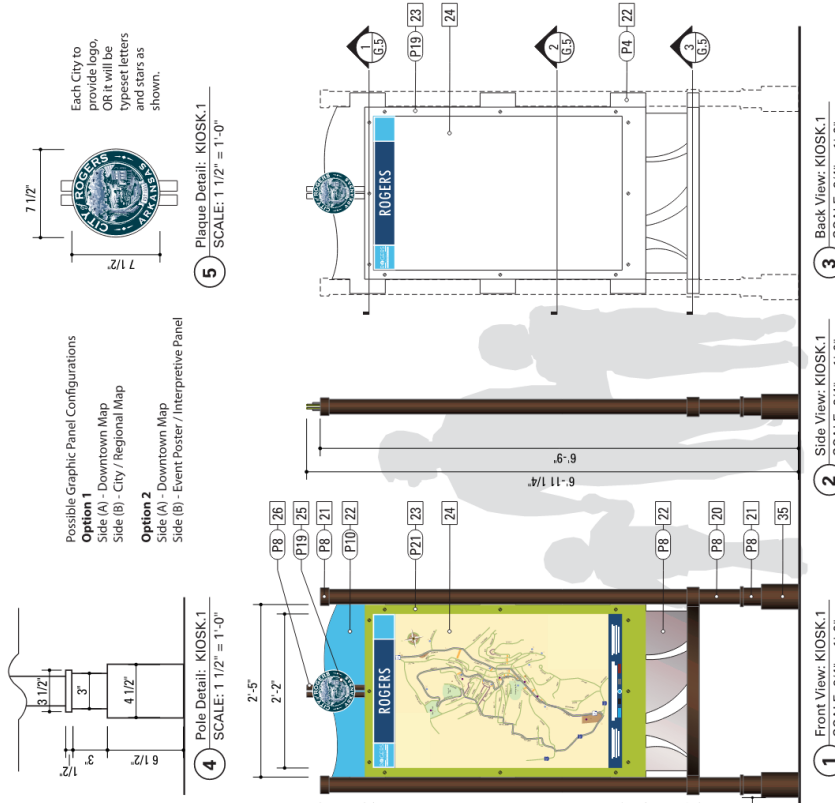
SUBCONSULTANT

DATE: 12/19/2012
DRAWN BY: PR
REVISIONS:

PROJECT NO.:
SHEET TITLE:

Sign Type KIOSK.1 Pedestrian Kiosk

SHEET NO.:



Possible Graphic Panel Configurations

Option 1
Side (A) – Downtown Map
Side (B) – City / Regional Map

Option 2
Side (A) – Downtown Map
Side (B) – Event Poster / Interpretive Panel

Each City to provide logo, OR it will be typeset letters and stars as shown.

7 1/2" (width), 7 1/2" (height)

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

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

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

3 Back View: KIOSK.1
SCALE: 1'-0" = 1'-0"

SPECIFICATIONS **SIGN TYPE: KIOSK.2** **FUNCTION: Pedestrian Kiosk**

20. KIOSK PAIR
MATERIAL: Aluminum SH-46 Pipe 6061T6 - 2 (2.3125" OD x .154" wall)
PROCESS: Extruded
FINISH: Anodized
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: As per AFD Broadway specs.

22. KIOSK CENTER PANEL
MATERIAL: Aluminum sheet
PROCESS: Router cut
EDGES: Square, Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Plug used into pipes

23. KIOSK FRAME PANELS
MATERIAL: Aluminum sheet
PROCESS: Router cut
EDGES: Square, Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Plug used into pipes

24. MAP GRAPHIC PANEL
PRODUCT NAME: Icon 2506 Charline Oak Drive, Suite 100, Fayette, Iowa 50502 (800) 468-4600, www.ikon.com
PROCESS: Digital high pressure phenolic laminate
GRAPHIC APPROVAL PROCESS: Submit 12x12" sample section of typical project panel for image and color approval.
WARRANTY PERIOD: Ten (10) years from product ship date.
FINISH: UV Inhibitor
FOOTER: File within frame area, minimal double-face tape across back to stop bowing of panel.

25. KIOSK PAIR PAINE
MATERIAL: 1/4" thick Aluminum sheet
PROCESS: Router cut
EDGES: Square
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FOOTER: Mechanically fasten to center panel.

26. KIOSK PAIR PAINE BASE
MATERIAL: Perforated metal plate and brick, locate to match structure plan or chosen by client.
PROCESS: Perforated metal plate
FOOTER: Mechanically fasten to center panel.

27. KIOSK PAIR PAINE BASE
MATERIAL: Perforated metal plate and brick, locate to match structure plan or chosen by client.
PROCESS: Perforated metal plate
FOOTER: Mechanically fasten to center panel.

28. KIOSK PAIR PAINE TOP
MATERIAL: Concrete slab, color to match structure plan, or chosen by client.
PROCESS: Painted concrete slab.
EDGES: Square
FOOTER: Mortar to CMU block utility, metal straps, steel beams.

NOTE: Brick must extend below grade 3 to 6 inches.

29. KIOSK PAIR PAINE TOP
MATERIAL: Concrete slab, color to match structure plan, or chosen by client.
PROCESS: Painted concrete slab.
EDGES: Square
FOOTER: Mortar to CMU block utility, metal straps, steel beams.

NOTE: Brick must extend below grade 3 to 6 inches.

30. KIOSK PAIR PAINE TOP
MATERIAL: Concrete slab, color to match structure plan, or chosen by client.
PROCESS: Painted concrete slab.
EDGES: Square
FOOTER: Mortar to CMU block utility, metal straps, steel beams.

NOTE: Brick must extend below grade 3 to 6 inches.

GRAPHIC PANEL SIZE: 36" (width) x 48" (height) or 48" (width) x 36" (height)

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. Welds: All welds shall be ground smooth, paint all seams.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. All exposed edges painted to match adjacent face.

ENVIRONMENTAL EXPERIENCES
120 North Church Street
Suite 208
West Chester, PA 19380
Tel: 610-696-1200
www.merjdesign.com

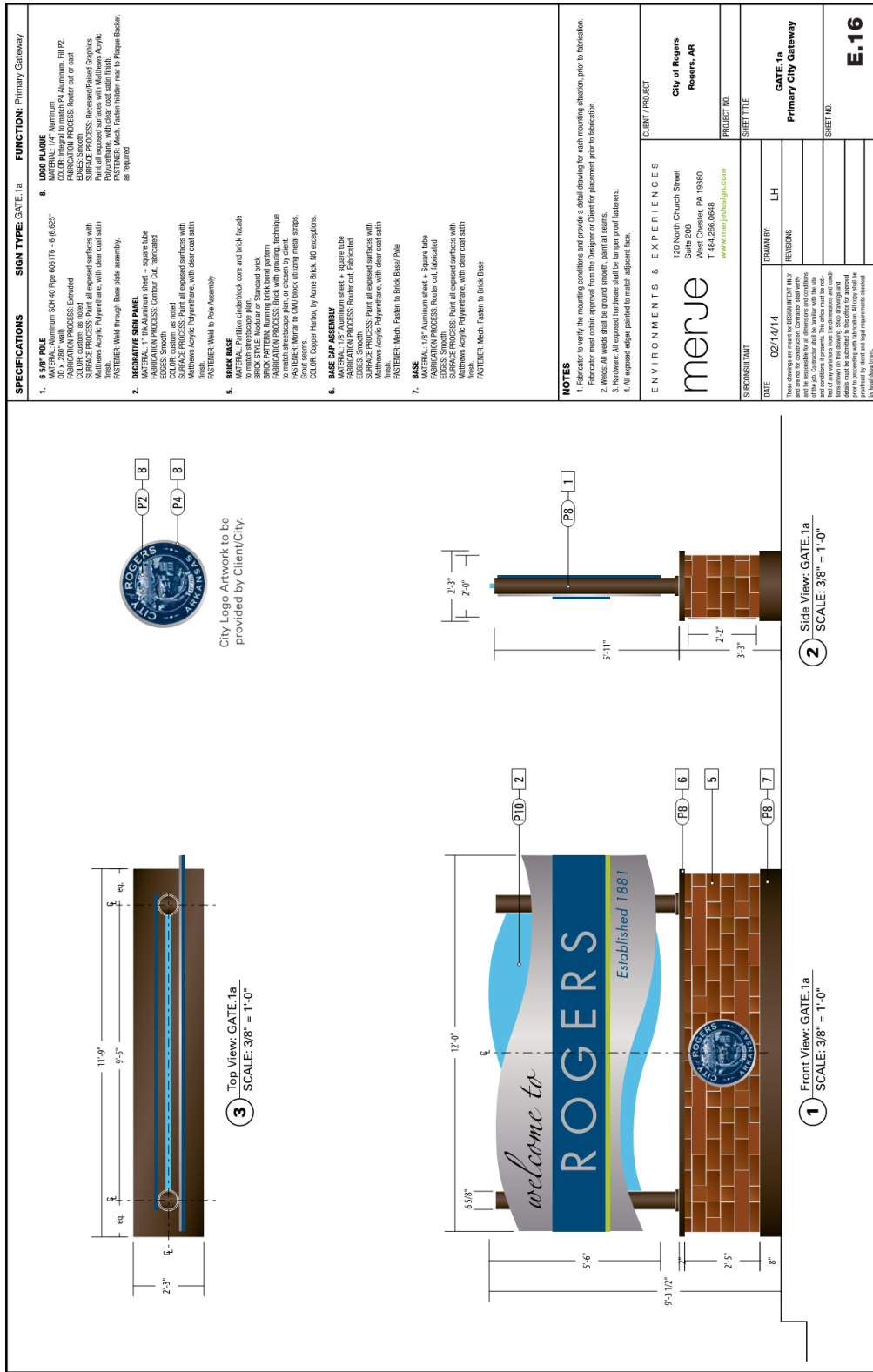
CLIENT / PROJECT
NORTHWEST ARKANSAS (NWA)
Regional Wayfinding and Signage System

PROJECT NO.

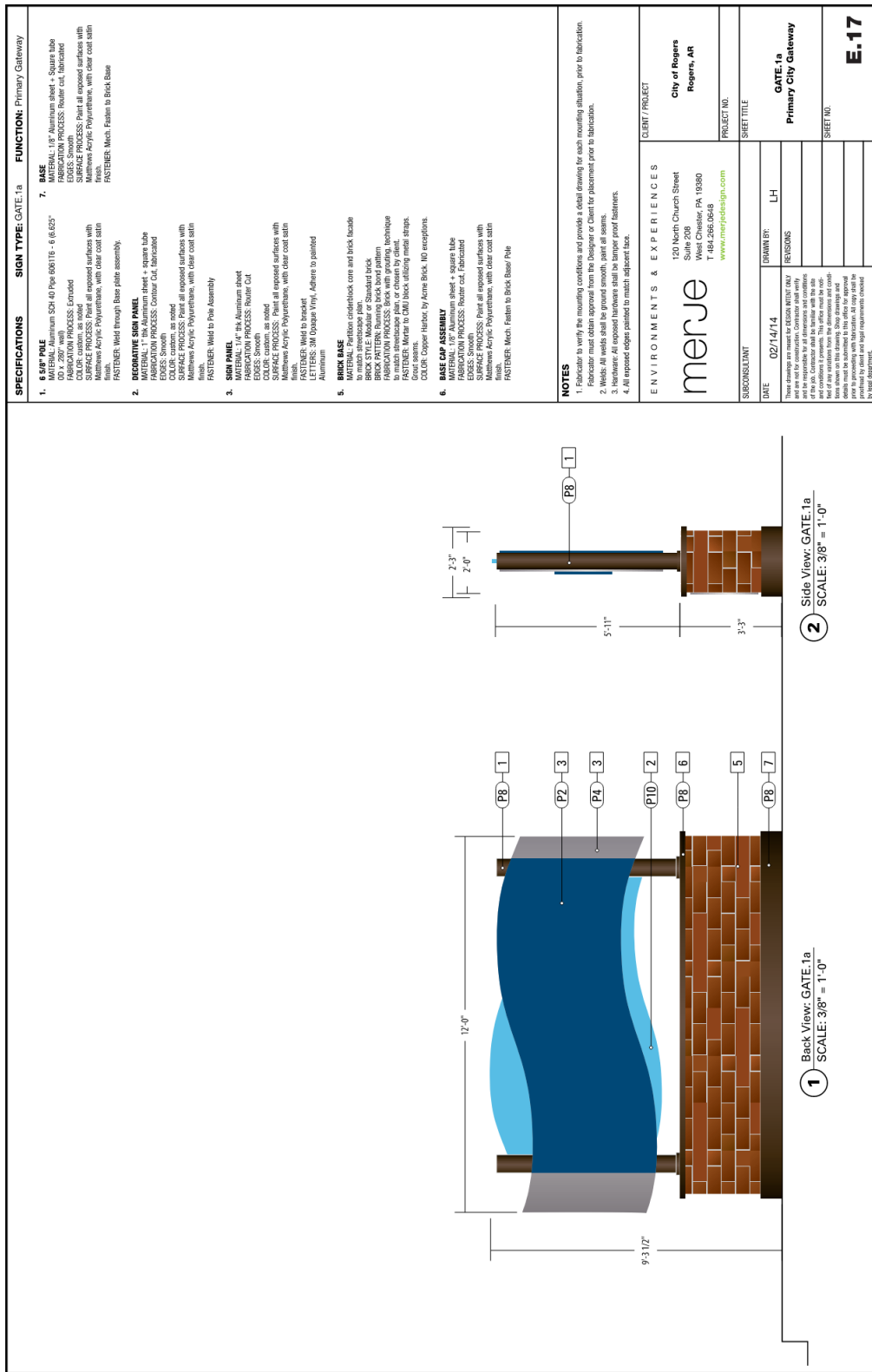
SHEET TITLE
Sign Type KIOSK.2
Pedestrian Kiosk
w/brick base

SHEET NO.
E.13

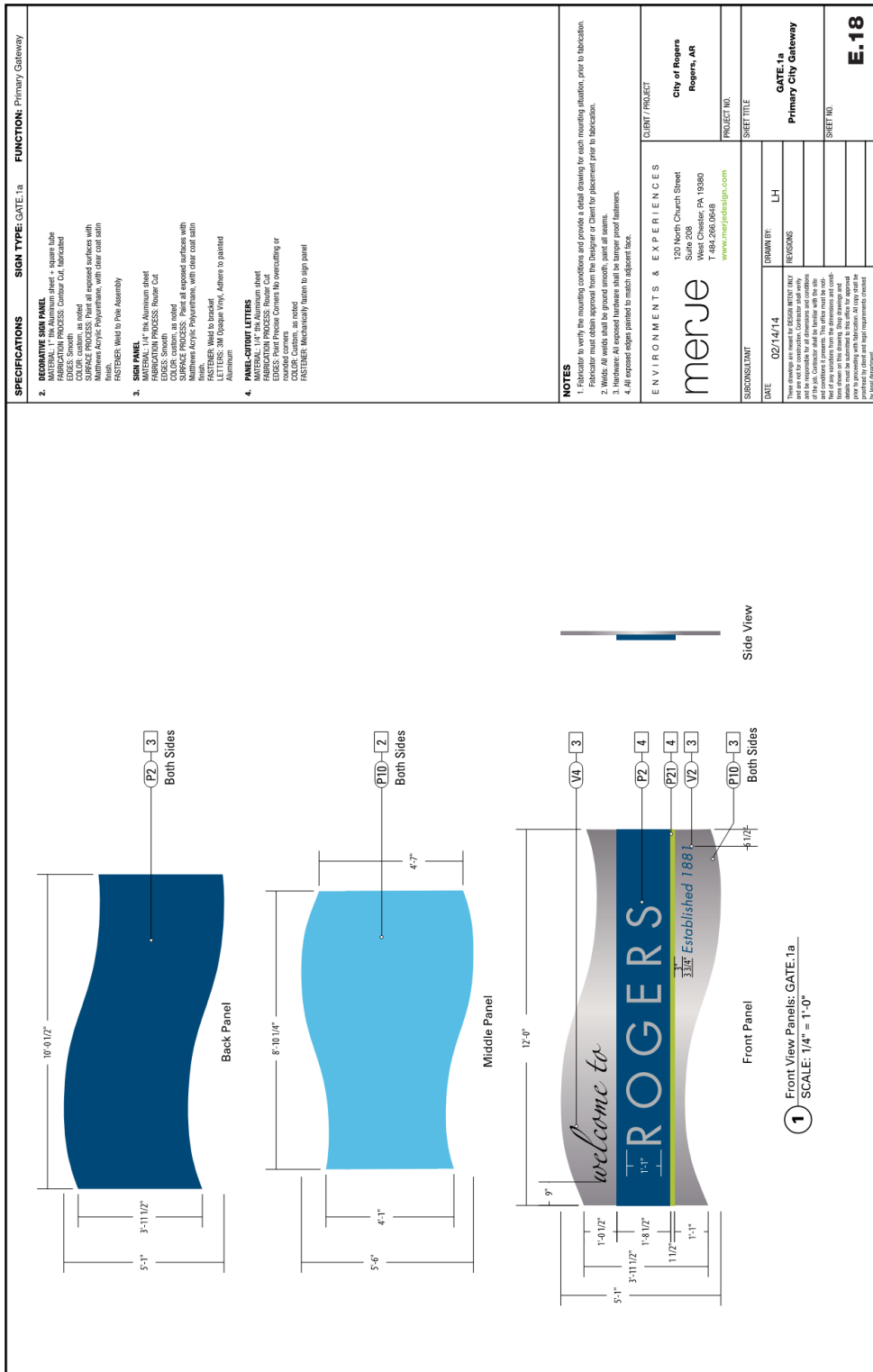
<p>SPECIFICATIONS</p> <p>SIGN TYPES</p> <p>CITY GATEWAYS GATE.1a GATE.6 GATE.7a GATE.7b</p> <p>DOWNTOWN GATEWAYS GATE.4</p>	<p>NOTES</p> <ol style="list-style-type: none"> Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication. Welds: All welds shall be ground smooth, paint all seams. Hardware: All exposed hardware shall be bronze powder finishes. All exposed copper painted to match adjacent face.
<p style="text-align: center;">GATE.1a Primary City Gateway</p> <p style="text-align: center;">GATE.6 Secondary City Gateway</p> <p style="text-align: center;">GATE.4 Downtown Gateway</p>	<p>ENVIRONMENTAL & EXPERIENCES</p> <p>merje 120 North Church Street Suite 208 West Chester, PA 19380 610.686.4444 www.merjesign.com</p> <p>CLIENT / PROJECT City of Rogers Rogers, AR</p> <p>PROJECT NO.</p> <p>SHEET TITLE</p>
<p style="text-align: center;">GATE.7a City Gateway (Re-face Existing)</p> <p style="text-align: center;">GATE.7b City Gateway (Re-face Existing)</p>	<p>SUBCONSULTANT</p> <p>DATE 02/14/14</p> <p>DRAWN BY LH</p> <p>REVISIONS</p> <p>Menu of Sign Types</p> <p>SHEET NO.</p> <p style="text-align: right;">E.15</p>



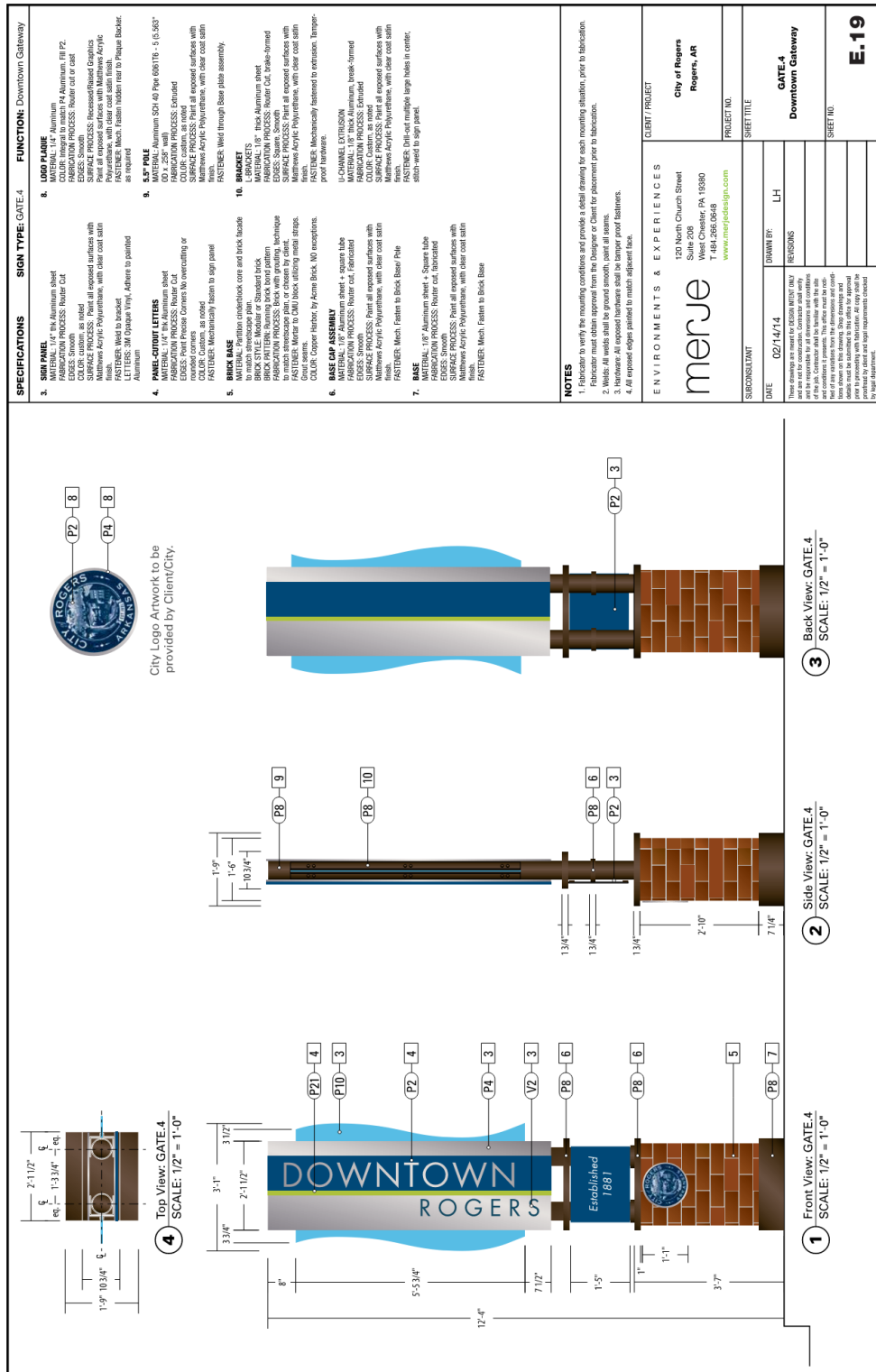
SPECIFICATIONS	SIGN TYPE: GATE.1a	FUNCTION: Primary Gateway
<p>1. SIGN PANEL MATERIAL: Aluminum SQ4 40 Pipe 6061T6 - 6 (6.625" OD x .280" wall) FINISH: Anodized COLOR: Custom SURFACE PROCESS: Paint all exposed surfaces with Mattress Acrylic Polyurethane, with clear coat satin finish. FASTENER: Weld through Base plate assembly.</p> <p>2. DECORATIVE SIGN PANEL MATERIAL: 1/8" Aluminum sheet + square tube FINISH: Anodized EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Mattress Acrylic Polyurethane, with clear coat satin finish. FASTENER: Weld to Plate Assembly</p> <p>3. BRICK BASE MATERIAL: Porcelain enameled brick core and brick facade FINISH: Anodized BRICK STYLE: Modular or Standard brick BRICK PATTERN: Running brick bond pattern FASTENER: Metal to CMU block utilizing metal straps. COLOR: Copper Harbor, by Acme Brick, NO exceptions.</p> <p>4. BASE CAP ASSEMBLY MATERIAL: 1/8" Aluminum sheet + square tube FINISH: Anodized SURFACE PROCESS: Router cut, Fabricated FASTENER: Metal to CMU block utilizing metal straps. COLOR: Copper Harbor, by Acme Brick, NO exceptions.</p> <p>5. BASE MATERIAL: 1/8" Aluminum sheet + Square Tube FINISH: Anodized SURFACE PROCESS: Router cut, Fabricated FASTENER: Metal to CMU block utilizing metal straps. COLOR: Copper Harbor, by Acme Brick, NO exceptions.</p>		
<p>NOTES</p> <ol style="list-style-type: none"> 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. Welds: All welds shall be ground smooth, paint all seams. Hardware: All exposed hardware shall be tamper proof fasteners. All exposed edges painted to match adjacent face. 		
<p>ENVIRONMENTALS & EXPERIENCES</p> <p>merje 120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com</p>	<p>CLIENT / PROJECT City of Rogers Rogers, AR</p>	
<p>DATE: 02/14/14 DRAWN BY: LH REVISIONS:</p>	<p>PROJECT NO. SHEET TITLE GATE.1a Primary City Gateway</p>	
<p>These drawings are used for DESIGN PURPOSE ONLY and are not for construction. Contractor shall verify all dimensions and conditions of the site. Contractor shall be liable with the client for any variations from the dimensions and conditions shown on the drawings. Shop drawings and material specifications shall be submitted and approved prior to proceeding with fabrication. All copy shall be reviewed and approved by the Designer or Client prior to fabrication.</p>		
		<p>SHEET NO. E.16</p>



SPECIFICATIONS	SIGN TYPE: GATE 1a	FUNCTION: Primary Gateway
<p>1. BRICK BASE MATERIAL: Minimum SQ4 40 Pipe 6061T6 - 6 (6.625" OD x .280" wall) FABRICATION PROCESS: Router cut, fabricated COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Multiwax Acrylic Polyurethane, with clear coat satin finish. FASTENER: Weld through Base plate assembly.</p> <p>2. DECORATIVE SIGN PANEL MATERIAL: 1" 8in. Aluminum sheet + square tube FABRICATION PROCESS: Router cut, fabricated COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Multiwax Acrylic Polyurethane, with clear coat satin finish. FASTENER: Weld to Pole Assembly</p> <p>3. SIGN PANEL MATERIAL: 1/4" 8in. Aluminum sheet FABRICATION PROCESS: Router cut EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Paint all exposed surfaces with Multiwax Acrylic Polyurethane, with clear coat satin finish. FASTENER: Weld to bracket LETTERS: 3M Opaque Vinyl, Adhere to painted Aluminum</p> <p>5. BRICK BASE MATERIAL: Perforon cinderblock core and brick facade BRICK STYLE: Modular or Standard brick BRICK PATTERNS: Running brick bond pattern FASTENER: Metal to CMU block utilizing metal straps. COLOR: Copper Harbor, by Acme Brick, NO exceptions.</p> <p>6. BASE CAP ASSEMBLY MATERIAL: 1/2" Aluminum sheet + square tube FABRICATION PROCESS: Router cut, fabricated SURFACE PROCESS: Paint all exposed surfaces with Multiwax Acrylic Polyurethane, with clear coat satin finish. FASTENER: Mech. Fasten to Brick Base Pole</p>		
<p>NOTES</p> <p>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.</p> <p>2. Welds: All welds shall be ground smooth, paint all seams.</p> <p>3. Hardware: All exposed hardware shall be tamper proof fasteners.</p> <p>4. All exposed edges painted to match adjacent face.</p>		
<p>ENVIRONMENTS & EXPERIENCES</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484-266-0648 www.merjdesign.com</p> <p>merje</p> <p>CLIENT / PROJECT City of Rogers Rogers, AR</p> <p>PROJECT NO. SHEET TITLE GATE 1a Primary City Gateway</p> <p>SUBCONSULTANT DATE 02/14/14 DRAWN BY: LH REVISIONS</p> <p>E-17</p>		



SPECIFICATIONS	SIGN TYPE: GATE: 1a	FUNCTION: Primary Gateway
<p>2. RECTANGULAR SIGN PANEL MATERIAL: 1" xk Aluminum sheet + square tube FABRICATION PROCESS: Contour Cut, fabricated COLORS: custom, as noted SURFACE PROCESS: Paint all exposed surfaces with DuPont Acrylic Polyurethane, with clear coat with finish. FASTENERS: Weld to Pipe Assembly</p> <p>3. SIGN PANEL MATERIAL: 1" xk Aluminum sheet FABRICATION PROCESS: Contour Cut EDGES: Smooth COLORS: custom, as noted SURFACE PROCESS: Paint all exposed surfaces with DuPont Acrylic Polyurethane, with clear coat with finish. FASTENERS: Weld to bracket LETTERS: 3M Dyeable Vinyl, Adhesive to painted Aluminum</p> <p>4. PANEL-CORNER LETTERS MATERIAL: 1" xk Aluminum sheet FABRICATION PROCESS: Bevel Cut EDGES: Four Bevel Corners No overcutting or chamfering COLORS: Custom, as noted FASTENERS: Mechanically fasten to sign panel</p>		
<p>NOTES</p> <ol style="list-style-type: none"> 1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. 2. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication. 3. Hardware: All exposed hardware shall be laminar proof fasteners. 4. All exposed edges painted to match adjacent face. 	<p>ENVIRONMENTS & EXPERIENCES</p> <p>merje</p> <p>100 North Church Street Suite 209 West Chester, PA 19380 T: 484.266.6648 www.merjedesign.com</p> <p>CLIENT / PROJECT City of Rogers Rogers, AR</p> <p>PROJECT NO. SHEET TITLE SHEET NO.</p>	
<p>DATE: 02/14/14 DRAWN BY: LH REVISIONS</p> <p>These drawings are issued as DESIGN BIDDING AND CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE JOB. CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD OF ANY REVISIONS FROM THE INFORMATION PROVIDED HEREON ON THE DRAWING. SHOP DRAWINGS AND MATERIALS SUBMITTALS SHALL BE PROVIDED TO THE OWNER FOR APPROVAL AND RECORD. ALL CITY SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS REQUIRED BY THE CITY DEPARTMENT.</p>	<p>GATE: 1a Primary City Gateway</p> <p>E 18</p>	



SPECIFICATIONS	SIGN TYPE: GATE.4	FUNCTION: Downtown Gateway
<p>3. SIGN PANEL MATERIAL: 1/4" Thick Aluminum sheet COLOR: Integral to match PA Aluminum, FIE PZ SURFACE PROCESS: Powder Coat EDGES: Smooth FASTENERS: 1/8" x 1/2" Stainless Steel Screws SURFACE PROCESS: Reformed/Blended graphics MATERIAL: 1/8" Thick Aluminum, break-formed COLOR: Custom, as noted SURFACE PROCESS: Print all exposed surfaces with Autumers Acrylic Polyurethane, with clear coat stain finish. FASTENERS: Mechanically fastened to extrusion, Tempro- proof hardware.</p> <p>4. PANEL-CUTOUT LETTERS MATERIAL: 1/4" Thick Aluminum sheet COLOR: Custom, as noted SURFACE PROCESS: Print all exposed surfaces with Autumers Acrylic Polyurethane, with clear coat stain finish. FASTENERS: Mechanically fastened to extrusion, Tempro- proof hardware.</p> <p>5. BRICK BASE MATERIAL: Periton cinderblock core and brick facade BRICK STYLE: White Standard brick BRICK PATTERN: Running brick bond pattern FASTENERS: Mortar to CMU block utilizing metal straps. COLOR: Copper Harbor, by Acme Brick, MO exceptions.</p> <p>6. BASE CAP ASSEMBLY MATERIAL: 1/8" Aluminum sheet + square tube SURFACE PROCESS: Powder coat, fluorinated FASTENERS: Mortar to CMU block utilizing metal straps. COLOR: Copper Harbor, by Acme Brick, MO exceptions.</p> <p>7. BASE MATERIAL: 1/8" Aluminum sheet + square tube SURFACE PROCESS: Powder coat, fluorinated FASTENERS: Mortar to CMU block utilizing metal straps. COLOR: Copper Harbor, by Acme Brick, MO exceptions.</p>	<p>8. LOGO PLATE MATERIAL: 1/4" Thick Aluminum COLOR: Integral to match PA Aluminum, FIE PZ SURFACE PROCESS: Reformed/Blended graphics MATERIAL: 1/8" Thick Aluminum, break-formed COLOR: Custom, as noted SURFACE PROCESS: Print all exposed surfaces with Autumers Acrylic Polyurethane, with clear coat stain finish. FASTENERS: Mechanically fastened to extrusion, Tempro- proof hardware.</p> <p>9. CAP PLATE MATERIAL: Aluminum S24.40 Pipe 6061T6 - 5 (S.657) OD x .25" wall SURFACE PROCESS: Reformed/Blended graphics MATERIAL: 1/8" Thick Aluminum, break-formed COLOR: Custom, as noted SURFACE PROCESS: Print all exposed surfaces with Autumers Acrylic Polyurethane, with clear coat stain finish. FASTENERS: Mechanically fastened to extrusion, Tempro- proof hardware.</p> <p>10. BRACKET MATERIAL: 1/8" Thick Aluminum sheet SURFACE PROCESS: Reformed/Blended graphics MATERIAL: 1/8" Thick Aluminum, break-formed COLOR: Custom, as noted SURFACE PROCESS: Print all exposed surfaces with Autumers Acrylic Polyurethane, with clear coat stain finish. FASTENERS: Mechanically fastened to extrusion, Tempro- proof hardware.</p>	<p>CLIENT PROJECT City of Rogers Rogers, AR</p> <p>PROJECT NO. SHEET TITLE GATE.4 Downtown Gateway</p> <p>SHEET NO. E-19</p>

NOTES

- Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication.
- Manufacturer must obtain approval from the Designer or Client for placement prior to fabrication.
- Hardware: All exposed hardware shall be tamper proof fasteners.
- All exposed edges painted to match adjacent face.

ENVIRONMENTS & EXPERIENCES

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

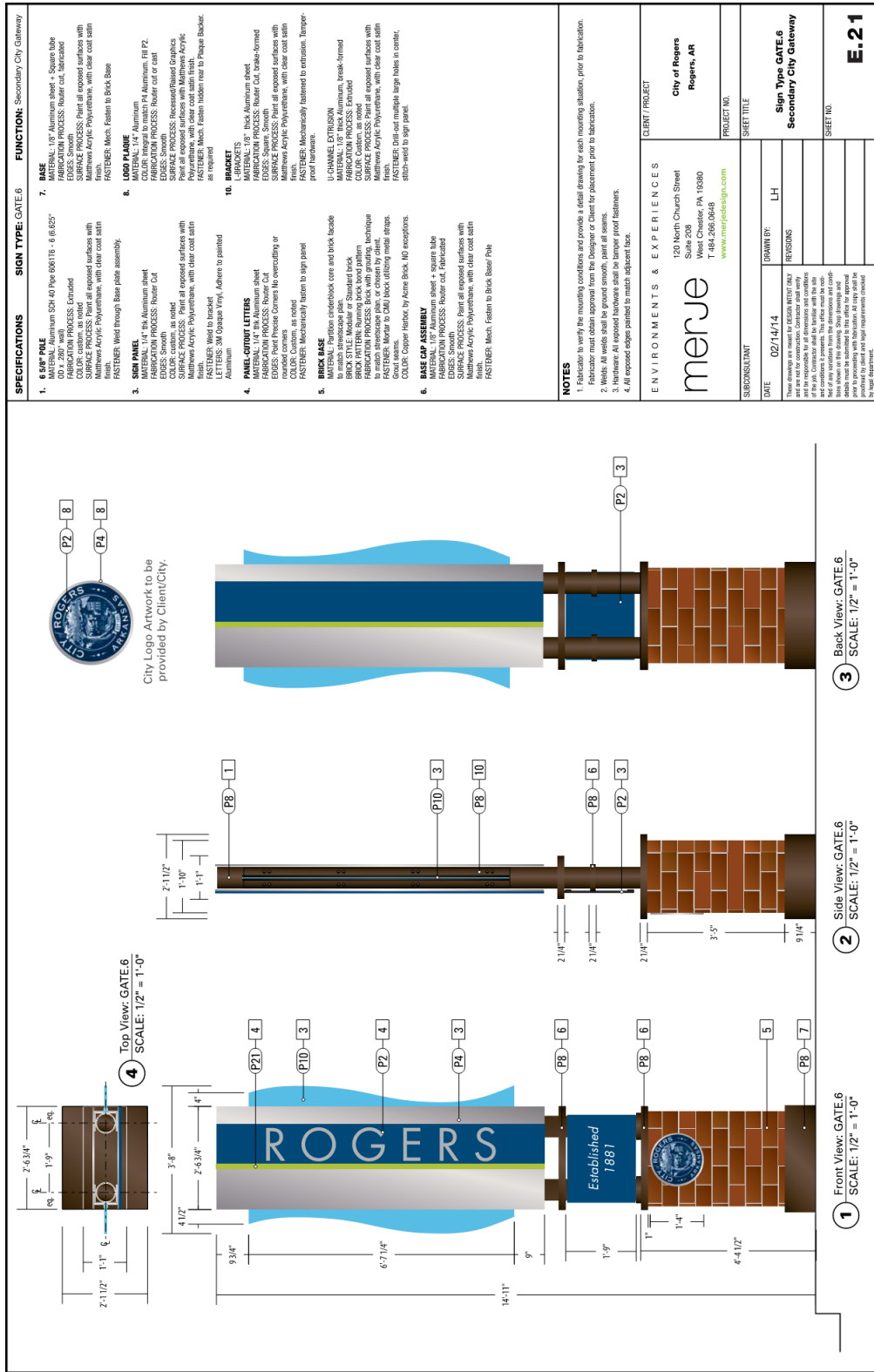
CLIENT PROJECT
City of Rogers
Rogers, AR

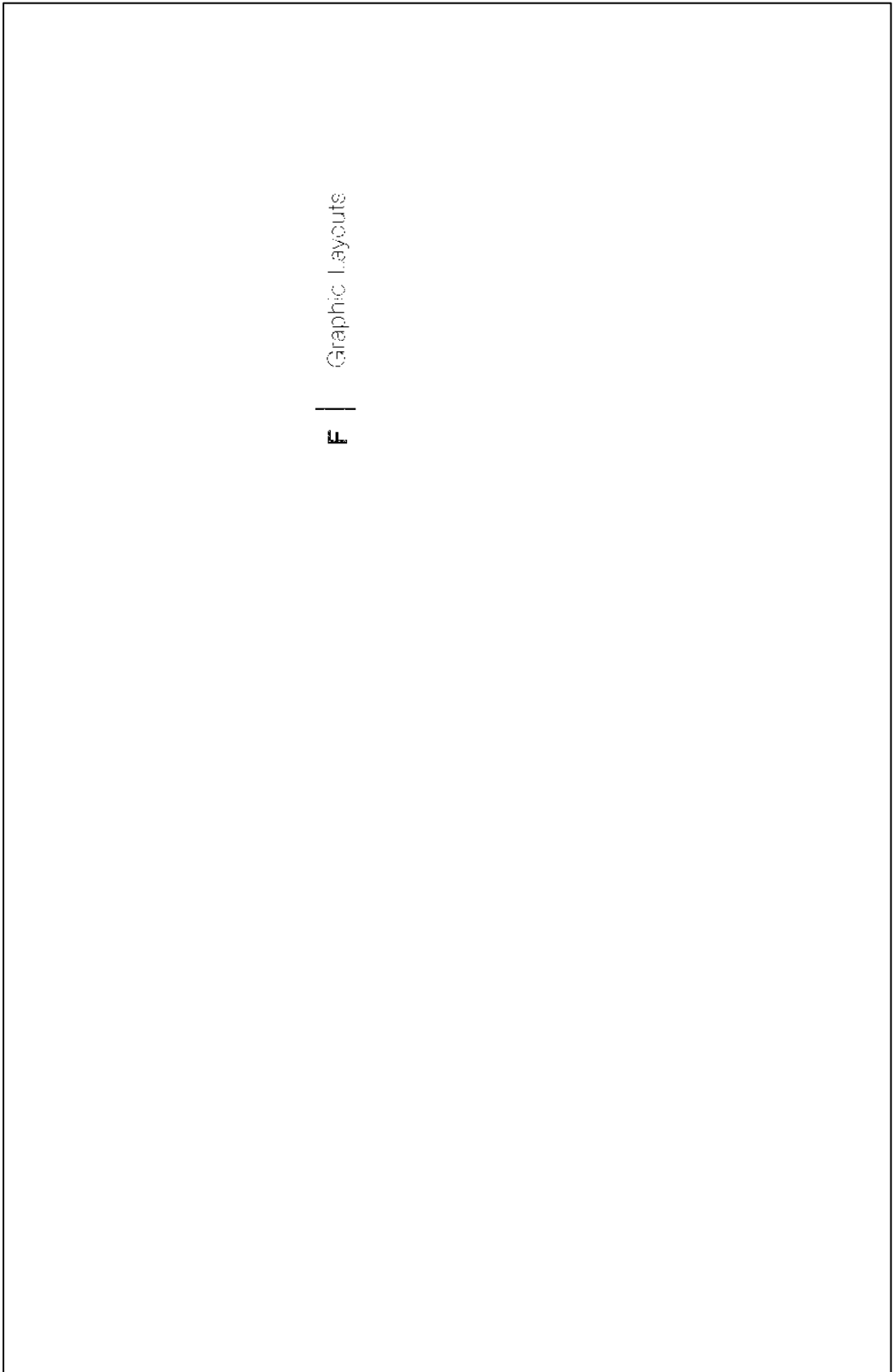
PROJECT NO.
SHEET TITLE
GATE.4
Downtown Gateway

SHEET NO.
E-19

DATE: 02/14/14
DRAWN BY: LH
REVISIONS:

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F | Graphic Layouts

SPECIFICATIONS
SIGN PANEL LAYOUTS: VDIR.1-3

NOTES:

- Messages shown are NOT actual messages. Provided for illustrative purposes only.
- Refer to message schedule for actual sign messages.
- Panel layouts for ALL sign locations shall be included in shop drawings for review by designer and client.

NOTES:

1. Messages shown are NOT actual messages. Provided for illustrative purposes only.
2. Designer or client for subsequent panel fabrication.
3. Materials: All exposed hardware shall be lamp proof finishes.
4. All exposure codes must be match adjacent face.

ENVIRONMENT & EXPERIENCES

merje
 130 North Church Street
 Suite 208
 West Chester, PA 19380
 610.693.4444
www.merjesign.com

CLIENT / PROJECT
NORTHWEST ARKANSAS (NWA)
 Regional Wayfinding and Signage System

PROJECT NO.
SHEET TITLE
VDIR.1-3
Layout Drawings

DATE 12/19/2012
DESIGNED BY PR

These messages are subject to change without notice. The designer shall be responsible for obtaining all necessary permits and approvals for construction. The client shall be responsible for obtaining all necessary permits and approvals for construction. The designer shall be responsible for providing all necessary information and data for construction. The client shall be responsible for providing all necessary information and data for construction. The designer shall be responsible for providing all necessary information and data for construction. The client shall be responsible for providing all necessary information and data for construction. All copy shall be provided by the client.

REVISIONS

SHEET NO.
F.1

1 IDENTITY/MESSAGE PANEL LAYOUT: VDIR.1-3
 SCALE: 1" = 1'-0"

2 MESSAGE PANEL LAYOUT: VDIR.1-3
 SCALE: 1" = 1'-0"

3 MESSAGE PANEL LAYOUT: VDIR.1-3
 SCALE: 1" = 1'-0"

SPECIFICATIONS
SIGN PANEL LAYOUTS: VDIR.3 ALT

NOTES:
 • Messages shown are NOT actual messages. Provided for illustrative purposes only.
 • Refer to message schedule for actual sign messages.
 • Panel layouts for ALL sign locations shall be included in shop drawings for review by designer and client.

NOTES:
 1. Messages shown are NOT actual messages. Provided for illustrative purposes only.
 2. Messages shown are NOT actual messages. Provided for illustrative purposes only.
 3. Message: All exposed hardware shall be bronze powder finish.
 4. All exposed edges painted to match adjacent face.

ENVIRONMENT & EXPERIENCES
 merje
 120 North Church Street
 Suite 208
 West Chester, PA 19380
 7484.200.0046
www.merje.com

DATE: 12/19/2012
 DRAWN BY: PR
 CLIENT / PROJECT: NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System
 PROJECT NO.:
 SHEET TITLE:
 VDIR.3 ALT
 Layout Drawings
 SHEET NO.:
F.2

1 IDENTIFY/MESSAGE PANEL LAYOUT: VDIR.3ALT
 SCALE: 1" = 1'-0"

2 IDENTIFY/MESSAGE PANEL LAYOUT: VDIR.3ALT
 SCALE: 1" = 1'-0"

3 MESSAGE PANEL LAYOUT: VDIR.3ALT
 SCALE: 1" = 1'-0"

4 MESSAGE PANEL LAYOUT: VDIR.3ALT
 SCALE: 1" = 1'-0"

SPECIFICATIONS

SIGN PANEL LAYOUTS: VDIR.4-6

NOTES:

- Messages shown are NOT actual messages. Provided for illustrative purposes only.
- Refer to message schedule for actual sign messages.
- Panel layouts for ALL sign locations shall be included in shop drawings for review by designer and client.

NOTES:

1. Messages shall be verified by the recipient and posted to actual message for each mounting station, prior to fabrication. Fabricator must obtain approval from the client prior to fabrication.
2. Messages shall be fabricated in accordance with the approved shop drawings.
3. Messages shall be fabricated in accordance with the approved shop drawings.
4. All exposed hardware shall be impact proof finishes.
5. All exposed edge panels to match adjacent face.

ENVIRONMENTS & EXPERIENCES

merve

130 North Church Street
 West Chester, PA 19380
 T: 484.295.0548
www.merve-sign.com

DATE: 12/19/2012

CLIENT/PROJECT: NORTHWEST ARKANSAS (NWA) Regional Water and Sewerage System

DESIGNED BY: PR

These drawings are issued for EXCISE. The client shall verify and be responsible for all conditions and details of the site. The client shall be responsible for all conditions and details of the site. The client shall be responsible for all conditions and details of the site. The client shall be responsible for all conditions and details of the site.

PROJECT NO.:

SHEET TITLE: VDIR.4-6 Layout Drawings

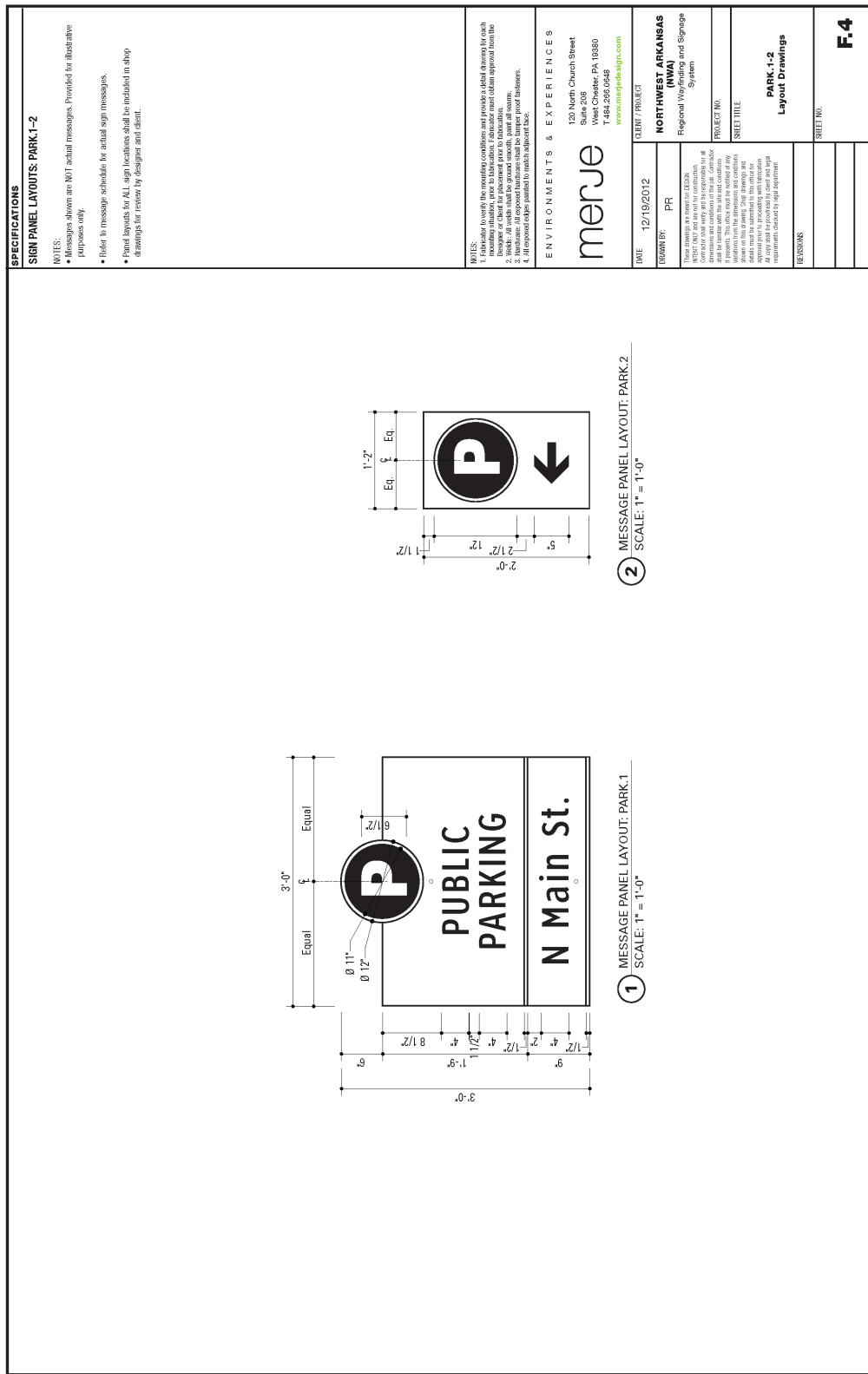
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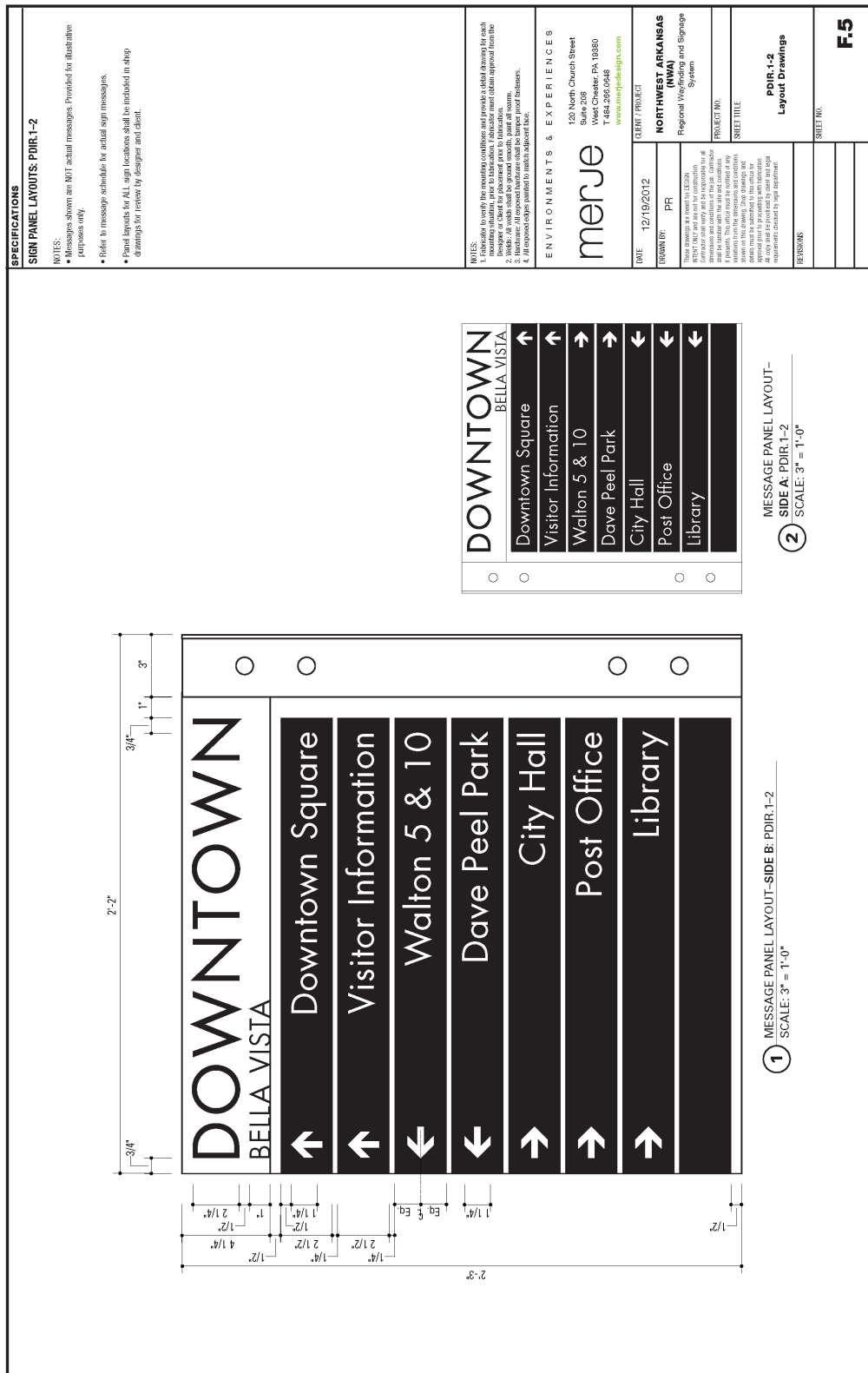
SHEET NO.: **F.3**

1 IDENTITY/MESSAGE PANEL LAYOUT: VDIR.4-6
SCALE: 1" = 1'-0"

2 MESSAGE PANEL LAYOUT: VDIR.4-6
SCALE: 1" = 1'-0"

3 MESSAGE PANEL LAYOUT: VDIR.4-6
SCALE: 1" = 1'-0"





NOTES:

- Messages shown are NOT actual messages. Provided for illustrative purposes only.
- Refer to message schedule for actual sign messages.
- Panel layouts for ALL sign locations shall be included in shop drawings for review by designer and client.

ENVIRONMENTAL EXPERIENCES

merje

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P.O. Box 18380
Fort Smith, AR 72816
T: 479.293.0846
www.merje-design.com

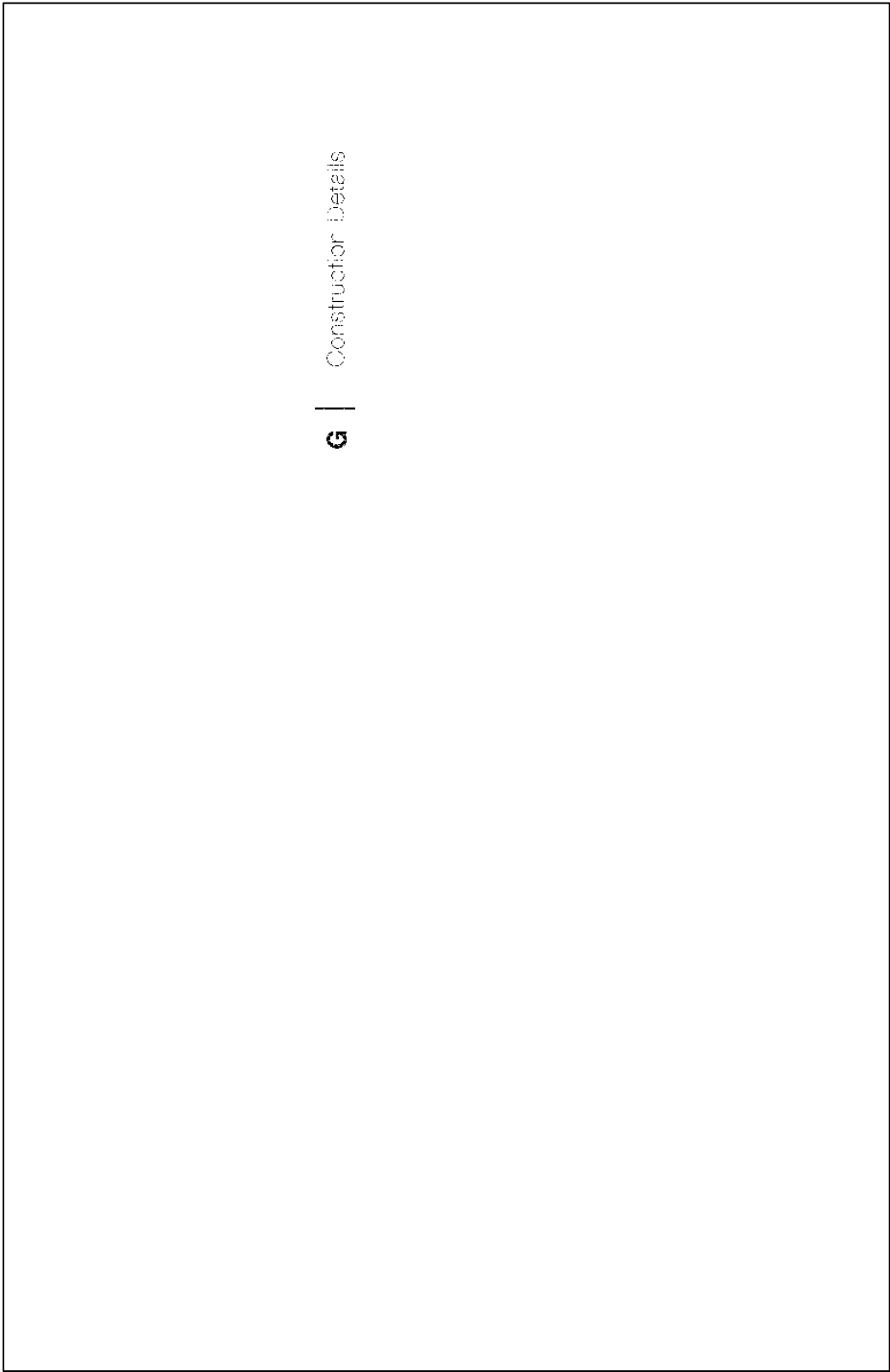
CLIENT / PROJECT
NORTHWEST ARKANSAS (NWA)
Regional Wayfinding and Signage System

DATE 12/19/2012
DRAWN BY PR

REVISIONS

PROJECT TITLE
PDIR.1-2
Layout Drawings

SHEET NO.
F-5



G | Constructor Details

SPECIFICATIONS

SiteLink TracLoc System

For sign types:
VDIR.1-3
VDIR.SALT
PARR.1
PDIR.2

NOTE: Refer to sheet G.2 for more details.

NOTES:

1. Manufacturer specify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the client.
2. Work is to be done in accordance with the current edition of the International Building Code.
3. Materials: All exposed hardware shall be temper proof finishes.
4. All exposed surfaces painted to meet project data.

ENVIRONMENTS & EXPERIENCES

merve

130 North Church Street
 West Chester, PA 19380
 T.484.295.0548
www.merve-design.com

CLIENT PROJECT

NORTHWEST ARKANSAS (NWA) Regional Voice and Signage System

PROJECT NO. _____
 SHEET TITLE _____

DATE: 12/19/2012

DRAWN BY: PR

These drawings are issued for ICD/CM. Contractor shall verify and be responsible for all conditions on site. All work shall be done in accordance with the current edition of the International Building Code. All work shall be done in accordance with the current edition of the International Building Code. All work shall be done in accordance with the current edition of the International Building Code. All work shall be done in accordance with the current edition of the International Building Code.

Approved prior to proceeding with installation. All work shall be done in accordance with the current edition of the International Building Code. All work shall be done in accordance with the current edition of the International Building Code. All work shall be done in accordance with the current edition of the International Building Code. All work shall be done in accordance with the current edition of the International Building Code.

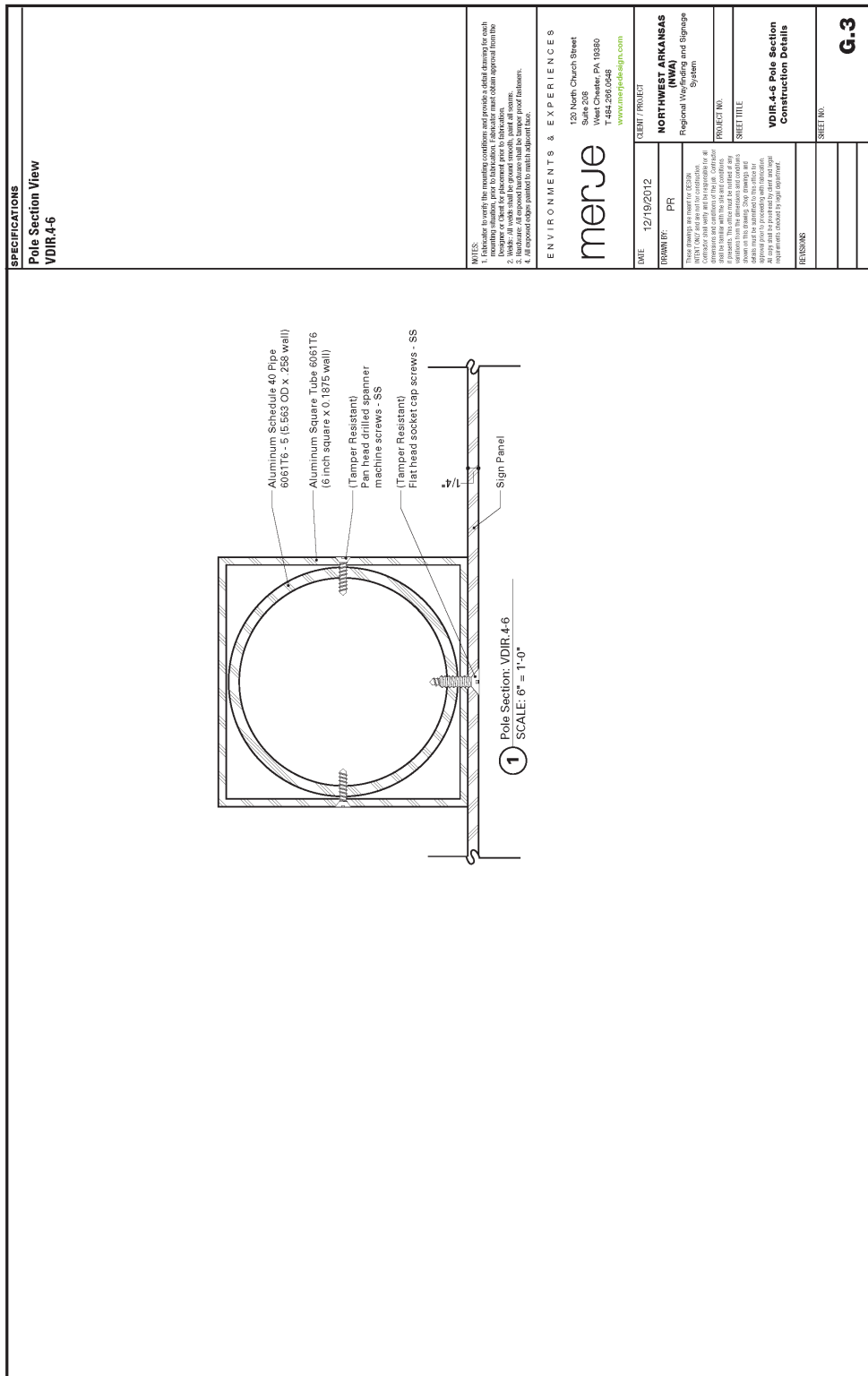
REVISIONS

SHEET NO. _____

G.1

1 Detail: Exploded View
SCALE: 1 1/2" = 1"

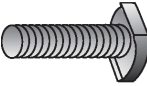
2 Detail: Elevation of parts
SCALE: 1 1/2" = 1"



Lip-Lok Bolt Assembly

SX0121


- Shape of head provides maximum contact with inside of channel extrusion for superior holding power.
- Stainless Steel, M8 Metric Thread.
- Includes nut and washer.



Universal Channel Clamp

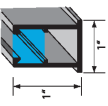
SX0220

- Compatible with all SIGNIFIX Channel extrusions.
- During installation, the assembly becomes fully adjustable to any size or style sign post when used with BAND-IT Band and Buckle or Ultra-Lok Free End System.

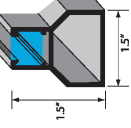


Support Channel Extrusions

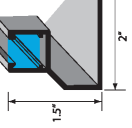
For mounting and stiffening any size sign.
SIGNIFIX Channel Extrusions have identical configurations allowing the use of all SIGNIFIX hardware with any extrusion.



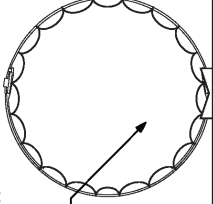
SX0073 Medium Channel Extrusion
10' Stock Length




SX0130 Large Channel Extrusion
10' Stock Length



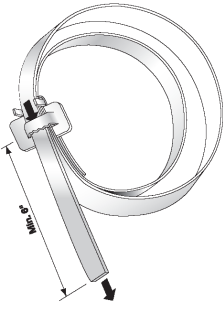
SX0090 Large Corner Angle Channel Extrusion
10' Stock Length



Existing Lamp Post



1 Mounting Detail Section
SCALE: 1/2" = 1"



NOTES: Refer to specific mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the client for any deviation from the approved drawings.

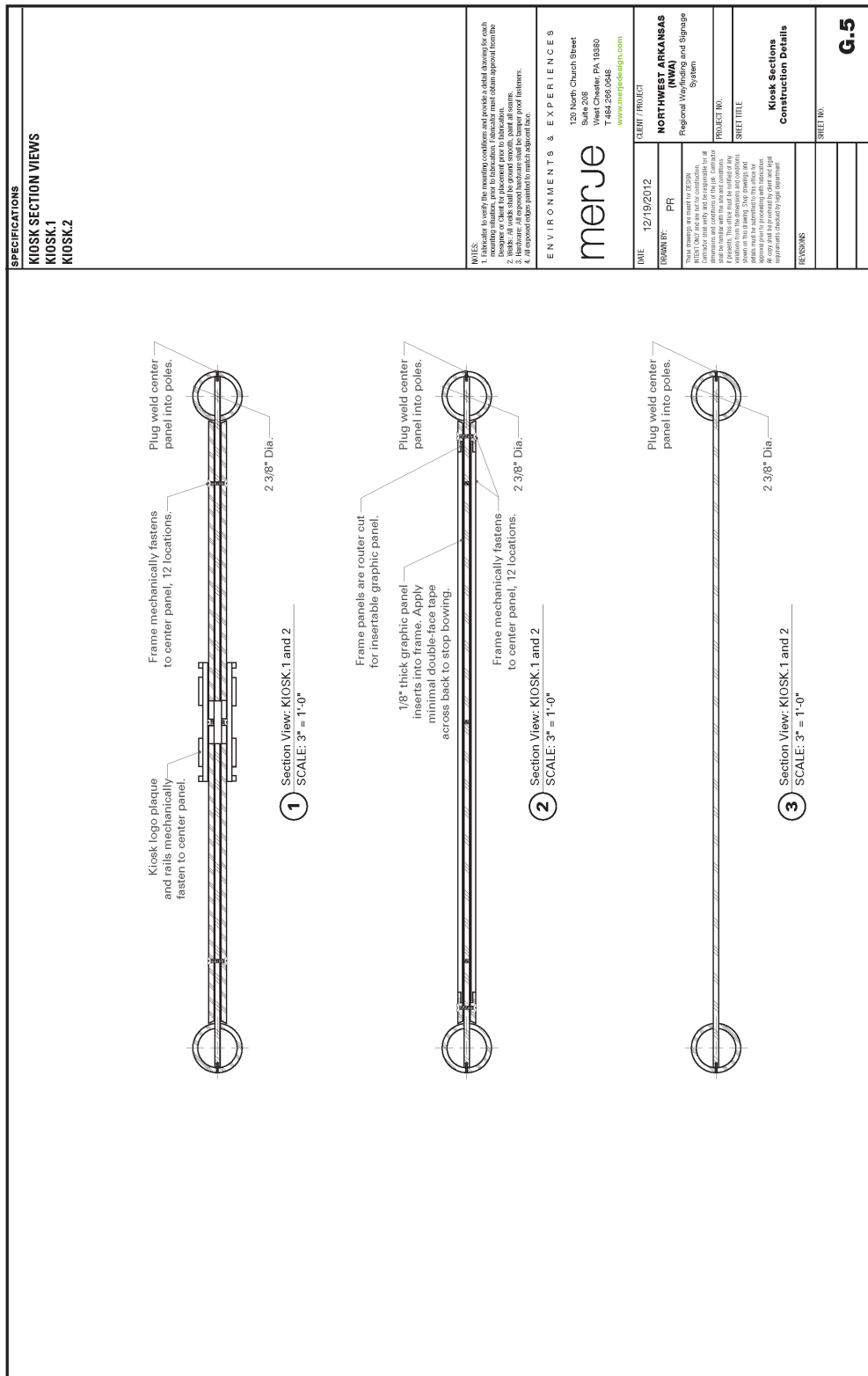
1. Work shall be done in accordance with the approved drawings.
2. Work shall be done in accordance with the approved drawings.
3. Fabricate all exposed hardware shall be temper proof fasteners.
4. All exposed edges painted to match adjacent face.

ENVIRONMENTAL EXPERIENCES

merje

130 North Church Street
Suite 208
Arlington, VA 22201
Tel: 703.248.0846
www.merje.com

DATE	12/19/2012
DRAWN BY	PR
PROJECT NO.	
CLIENT / PROJECT	NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System
SHEET TITLE	Signifix Construction Details
SHEET NO.	G.4



<p>SPECIFICATIONS</p> <p>KIOSK SECTION VIEWS</p> <p>KIOSK.1</p> <p>KIOSK.2</p>	
<p>NOTES:</p> <p>1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting condition. All drawings shall be submitted to the client for approval and final approval from the client. All drawings shall be submitted to the client for approval and final approval from the client.</p> <p>2. Welds - All welds shall be ground smooth, per all drawings.</p> <p>3. All dimensions shall be in inches, unless otherwise specified.</p> <p>4. All exposed edges polished to match adjacent finish.</p>	
<p>ENVIRONMENT & EXPERIENCES</p> <p>merje</p> <p>130 North Church Street Suite 208 West Chester, PA 19380 T: 610.296.0948 www.merjedesign.com</p>	
<p>DATE: 12/19/2012</p> <p>DRAWN BY: PR</p> <p><small>THIS DRAWING IS THE PROPERTY OF MERJE DESIGN. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MERJE DESIGN. ANY UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED. MERJE DESIGN SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE CLIENT SHALL BE RESPONSIBLE FOR THE PERMITS AND REGULATIONS. ALL DIMENSIONS SHALL BE IN INCHES, UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS SHALL BE TO FACE, UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS SHALL BE TO CENTER, UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS SHALL BE TO THE CENTERLINE, UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS SHALL BE TO THE CENTERLINE, UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS SHALL BE TO THE CENTERLINE, UNLESS OTHERWISE SPECIFIED.</small></p>	<p>CLIENT / PROJECT:</p> <p>NORTHWEST ARKANSAS (NWA)</p> <p>Regional Wayfinding and Signage System</p> <p>PROJECT NO.:</p> <p>SHEET TITLE:</p>
<p>REVISIONS:</p>	
<p>SHEET NO.:</p> <p>G.5</p>	

1 POLE-SAFE SERIES 5100 BREAKAWAY ASSEMBLY
SCALE: NTS

Labels: 1"-8 UNC (25 mm) Nut per ASTM A563 Grade DH, 3x28x51 mm (1/8"x1-1/8"x27) Flat Washer per ASTM F-436, Pole Base Plate, 3x28x51 mm (1/8"x1-1/8"x27) Flat Washer per ASTM F-436, Upper Wrench Flats, Double-Neck™ Pole-Safe® Coupling, Model No. 5100 4 per Pole, Typical, Lower Wrench Flats, Galvanized Steel Shim 1/8" and/or 7/8" Thickness (if required for leveling), Transpo® Type B Female Anchor, 1"-8 UNC (25 mm) Internal Threads.

Dimensions: 70 mm (2-3/4"), 129 mm (5-1/16"), 29 mm (1-1/8").

2 TRANSPO TYPE B FEMALE ANCHOR
SCALE: NTS

Labels: Top of Concrete Foundation, Stainless Steel Washer 57 mm (2-1/2") O.D., 3.2 mm (1/16") I.D., 3.2 mm (1/16") Thick, Stainless Steel Threaded Ferrule 1"-8 UNC (25 mm) Thread Depth = 29 mm (1-1/8"), minimum, Steel Wire, 11.1 mm (7/16") Diameter (4 per Anchor), 56 mm (2-3/16"), Closed Wire Coil 37 mm (1-7/16") O.D., 51 mm (2") Long, 6 Revolutions.

Dimensions: 41 mm (1-5/8"), 381 mm (15").

TRANSPO POLE-SAFE CONSTRUCTION DETAILS

Labels: Fabricated base cover, Coordinate inside dimensions with Anchor Plate dimensions, Round Alum. Post Size Varies Ref. Design Details for exact size, Transpo Pole-Safe, Transpo Pole-Safe Aluminum Skirt.

Dimension: 5 3/4".

POLE-SAFE SERIES 5100 BREAKAWAY ASSEMBLY
SCALE: NTS

Labels: 0 1'-0" Bolt Circle, Anchor Plate, Pole.

Dimension: 21/16-1.

SPECIFICATIONS

POLE-SAFE Series 5100 is manufactured by Transpo Industries, Inc., 20 Jones Street, New Rochelle, NY 10801 914-638-1000 www.transpo.com

PERFORMANCE CRITERIA:

- Double-Neck Pole-Safe meets all requirements of "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals."
- Double-Neck Pole-Safe has been crash-tested and FHWA approved in accordance with the requirements of NCHRP Report 350, "Recommended Procedures for the Safety Performance Evaluation of Highway Features."
- Maximum Allowable Pole Mass = 450 kg (922 lb) (total including fixtures).

PHYSICAL PROPERTIES PER COUPLING:

- Ultimate Tensile Strength = 221.5 kN (49.8 kips), minimum
- Tensile Yield Strength = 192.0 kN (43.2 kips), minimum.
- Ultimate Restrained Shear Strength = 24.5 kN (5.5 kips), maximum

CORROSION PROTECTION:
All Hardware Items are American Standard sizes, galvanized in accordance with ASTM A 153 (hot dipped).

NOTES:

- Anchor: Although the manufacturer's specifications include a minimum working clearance, once in fabrication, fabricator must obtain approval from the inspector or client for placement prior to fabrication.
- Anchor: All exposed hardware must be bronze powder finished.
- Hardware: All exposed hardware must be bronze powder finished.
- All exposed edges painted to match substrate base.

ENVIRONMENTAL & EXPERIENCES

merje
120 North Church Street
Suite 208
West Chester, PA 19380
1-888-230-0046
www.merje.com

CLIENT / PROJECT
NORTHWEST ARKANSAS (NWA)
Regional Wayfinding and Signage System

DATE 12/19/2012
DESIGN BY PR

These drawings are subject to change without notice. The contractor shall verify all dimensions and conditions of the job. Contractor shall be responsible for any discrepancies between the drawings and conditions of the job. All drawings are provided by email and subject to change without notice. All drawings are provided by email and subject to change without notice.

PROJECT NO.
SHEET TITLE
Transpo® Pole-Safe Construction Details
SHEET NO.
G.6

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

Note: Design Wind load 300 PSF 120 MPH,
3 Sec Gust Wind, Exp C

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

Note: Design Wind load 300 PSF 120 MPH,
3 Sec Gust Wind, Exp C

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

Note: Design Wind load 300 PSF 120 MPH,
3 Sec Gust Wind, Exp C

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

Note: Design Wind load 300 PSF 120 MPH,
3 Sec Gust Wind, Exp C

NOTES:

- As with the majority of projects, the fabricator shall be responsible for all underground utility checks.
- The FABRICATOR shall be familiar with all basement/void drawings by obtaining plans from the local municipality Department of Public Works.
- Where a basement/void interferes with a proposed location, the sign shall be relocated to a location appropriate by the municipalities Department of Public Works.
- When on the sign location, the FABRICATOR will obtain the appropriate utility location information by the standard footings. (i.e. windloads) established by the standard footings.
- FINAL DESIGNS AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE MUNICIPALITY DEPARTMENT OF PUBLIC WORKS FOR REVIEW AND APPROVAL. AN ARKANSAS REGISTERED PROFESSIONAL ENGINEER SHALL REVIEW AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.**
- SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 LB/SQ FT. THE SIGN SHALL BE 12 FT HIGH AND AN ANGLE OF 30 DEGREES (ASSUMED).**
- CONCRETE STRENGTH AT 28 DAYS F/C=4,000 PSI REINFORCEMENT SHALL BE ASTM 36 Fy=60,000 PSI**
- FOLLOW 2008 AHTD DESIGN STANDARDS FOR THE SIGN POST AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS**
- FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS**

ENVIRONMENTALS & EXPERTISE

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120 North Church Street
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T: 484.236.0046
www.merje-engineering.com

CLIENT / PROJECT: **NORTHWEST ARKANSAS (NWA) Regional Wayfinding and Signage System**

DATE: 12/19/2012

DRAWN BY: PR

PROJECT NO.: **FOOTER Construction Details**

SHEET TITLE: **G.7**

REVISIONS:

SPECIFICATIONS

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

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 that does not interfere with the municipality Department of Public Works.

When located in an open location, 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 SUBMITTED FOR REVIEW AND APPROVAL BY THE ARKANSAS REGISTERED PROFESSIONAL ENGINEER AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.

NOTE:

- 1) SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 PSF. THE SIGN SHALL BE SET AT AN ANGLE 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 2008 AHTD DESIGN STANDARDS FOR SIGN POSTS FOR ALL INFORMATION FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS
- 4) FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS

NOTES:

1. Review the existing conditions and provide a clear drawing for each mounting situation, prior to fabrication; fabricator must obtain approval from the designer or client for placement prior to fabrication.
2. All drawings shall be submitted to the designer for review and approval.
3. Materials: All exposed hardware shall be "hot dip galvanized" fasteners.
4. All exposed cables installed to match adjacent trade.

ENVIRONMENTAL & EXPERIENCES

merje

120 North Church Street
Suite 208
West Chester, PA 19380
610-338-1111
www.merje-sign.com

CLIENT / PROJECT
NORTHWEST ARKANSAS (NWA)
Regional Wayfinding and Signage System

PROJECT NO.

SHEET TITLE
Footer Construction Details

REVISIONS

SHEET NO.
G.8

1 Plan: Footer Placement
SCALE: NTS

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

SPECIFICATIONS

The FABRICATOR shall be familiar with all site utility checks. The FABRICATOR shall be familiar with all basement/vault locations to obtain plans from the local municipality Department of Public Works.

When a basement/vault interferes with a proposed location, the sign shall be relocated to a location of Public Works appropriate for the municipality Department of Public Works.

When relocating to any location, the FABRICATOR will indicate this appropriate mounting location. The solution shall meet all engineering criteria as established by the standard footings (i.e. windloads).

FINAL DESIGNS AND SHOP DRAWINGS SHALL BE PROVIDED TO THE FABRICATOR FOR REVIEW BY AN ARKANSAS REGISTERED PROFESSIONAL ENGINEER. THE FABRICATOR SHALL SIGN AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.

NOTE:

- 1) SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 PSF. THE SIGN SHALL BE 120 LBS WEIGHT OF 125 PCF AND FRICTION ANGLE OF 30 DEGREES ASSUMED.
- 2) CONCRETE STRENGTH AT 28 DAYS F/C-4,000 FY-60,000 PSI
- 3) FOLLOW 2008 AHTD DESIGN STANDARDS FOR FOUNDATIONS FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS
- 4) FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS

NOTES:

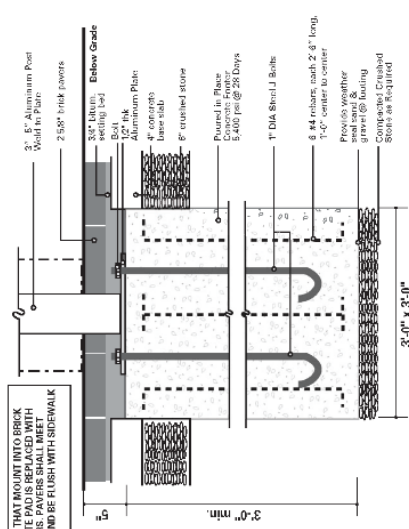
1. All dimensions shall be in feet and inches. All dimensions shall be rounded up to the next whole number.
2. Minimum 20' depth to bottom of footing.
3. Minimum 20' depth to bottom of footing.
4. All dimensions shall be in feet and inches.

ENVIRONMENTAL EXPERIENCES

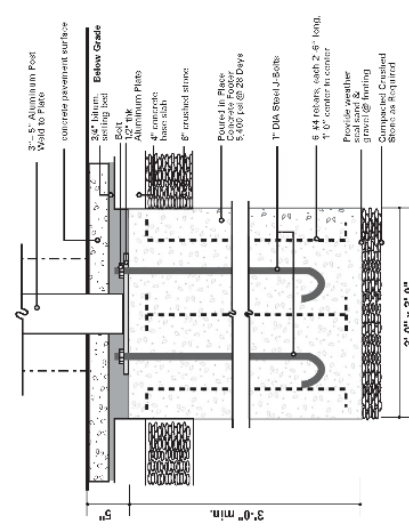
merje

120 North Church Street
 Suite 200
 West Chester, PA 19380
 410-203-0000
www.merje.com

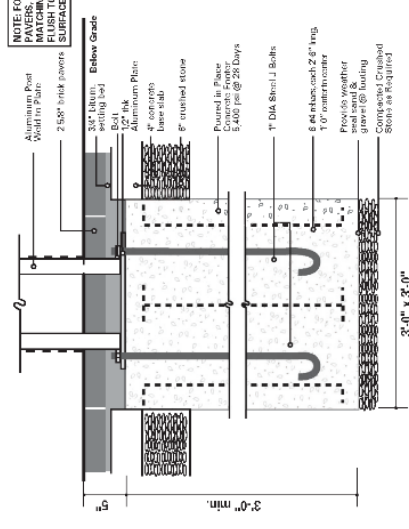
DATE	12/19/2012
OWNER	PR
PROJECT	Regional Wayfinding and Storage System
PROJECT NO.	
SHEET TITLE	Footer
CONSTRUCTION DETAILS	
SHEET NO.	G.9



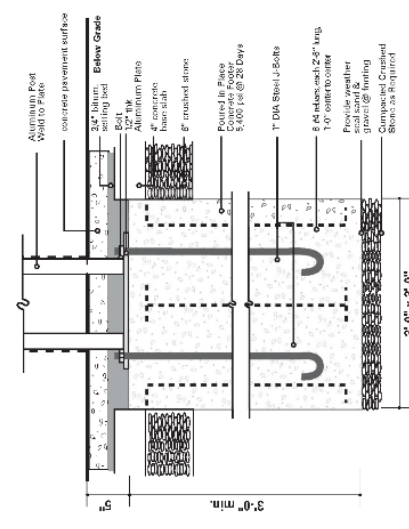
1 Section: J-Bolt Mounting - Support Cabinet in Brick Pavers
 SCALE: 1" = 1'-0"



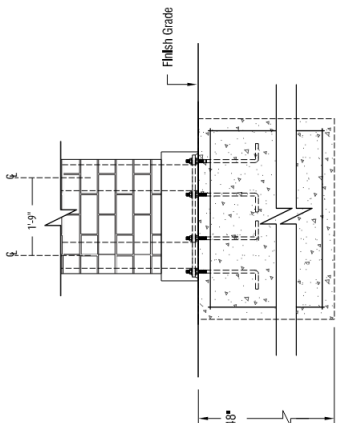
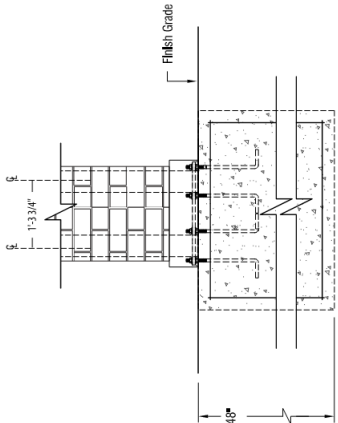
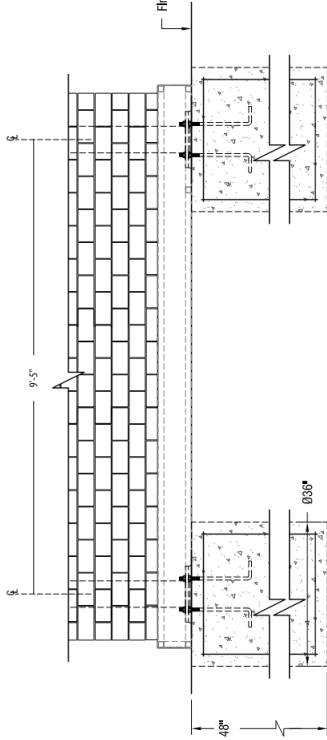
2 Section: J-Bolt Mounting - 3'-0" Pole in Brick Pavers
 SCALE: 1" = 1'-0"

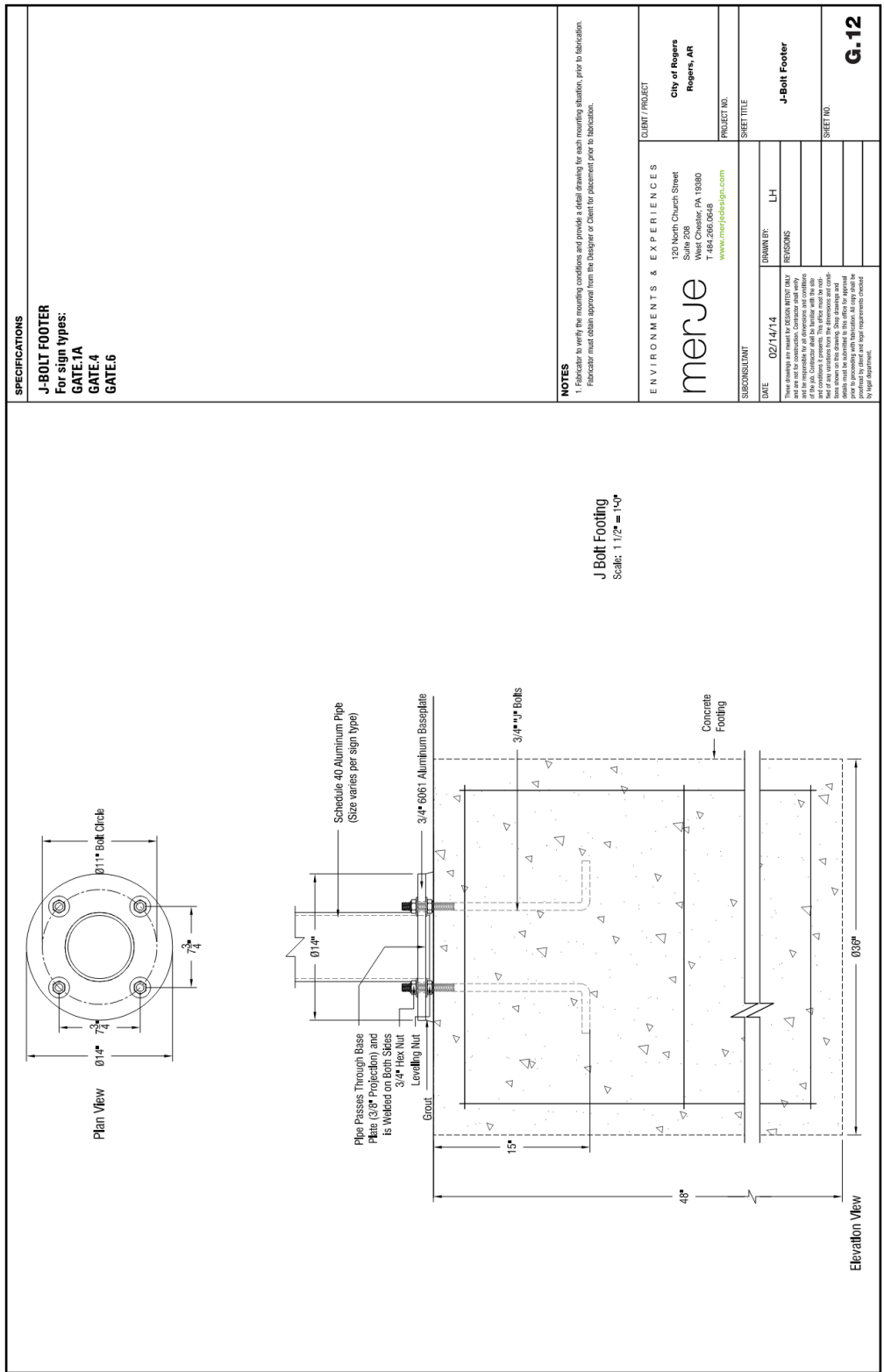


3 Section: J-Bolt Mounting - Support Cabinet in Concrete Pavement
 SCALE: 1" = 1'-0"



4 Section: J-Bolt Mounting - 3'-0" Pole in Concrete Pavement
 SCALE: 1" = 1'-0"

<p>SPECIFICATIONS</p> <p>GATEWAY FOOTERS For sign types: GATE.1A GATE.4 GATE.5</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>1 Footer: GATE.6 SCALE: 1/2" = 1'-0"</p> </div> <div style="text-align: center;">  <p>2 Footer: GATE.4 SCALE: 1/2" = 1'-0"</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  <p>3 Footer: GATE.1A SCALE: 1/2" = 1'-0"</p> </div>	<p>NOTES</p> <ol style="list-style-type: none"> 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. Welds: All welds shall be ground smooth, paint all seams. 3. Hardware: All exposed hardware shall be tamper proof fasteners. 4. All exposed edges painted to match adjacent face.
<p style="text-align: center;">ENVIRONMENTALS & EXPERIENCES</p> <p style="text-align: center;">merje</p> <p style="text-align: center;">120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com</p>		
<p style="text-align: center;">CLIENT / PROJECT</p> <p style="text-align: center;">City of Rogers Rogers, AR</p>		
<p style="text-align: center;">PROJECT NO.</p> <p style="text-align: center;">PROJECT NO.</p>		
<p style="text-align: center;">SHEET TITLE</p> <p style="text-align: center;">Gateway Footers</p>		
<p style="text-align: center;">SHEET NO.</p> <p style="text-align: center;">G-11</p>		



SPECIFICATIONS

J-BOLT FOOTER
For sign types:
GATE.1A
GATE.4
GATE.6

NOTES

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

ENVIRONMENTS & EXPERIENCES
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CLIENT / PROJECT
City of Rogers
Rogers, AR

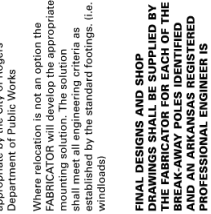
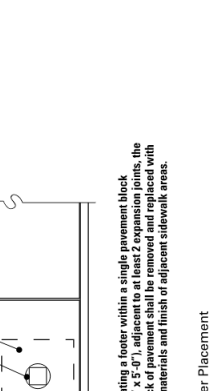
PROJECT NO.

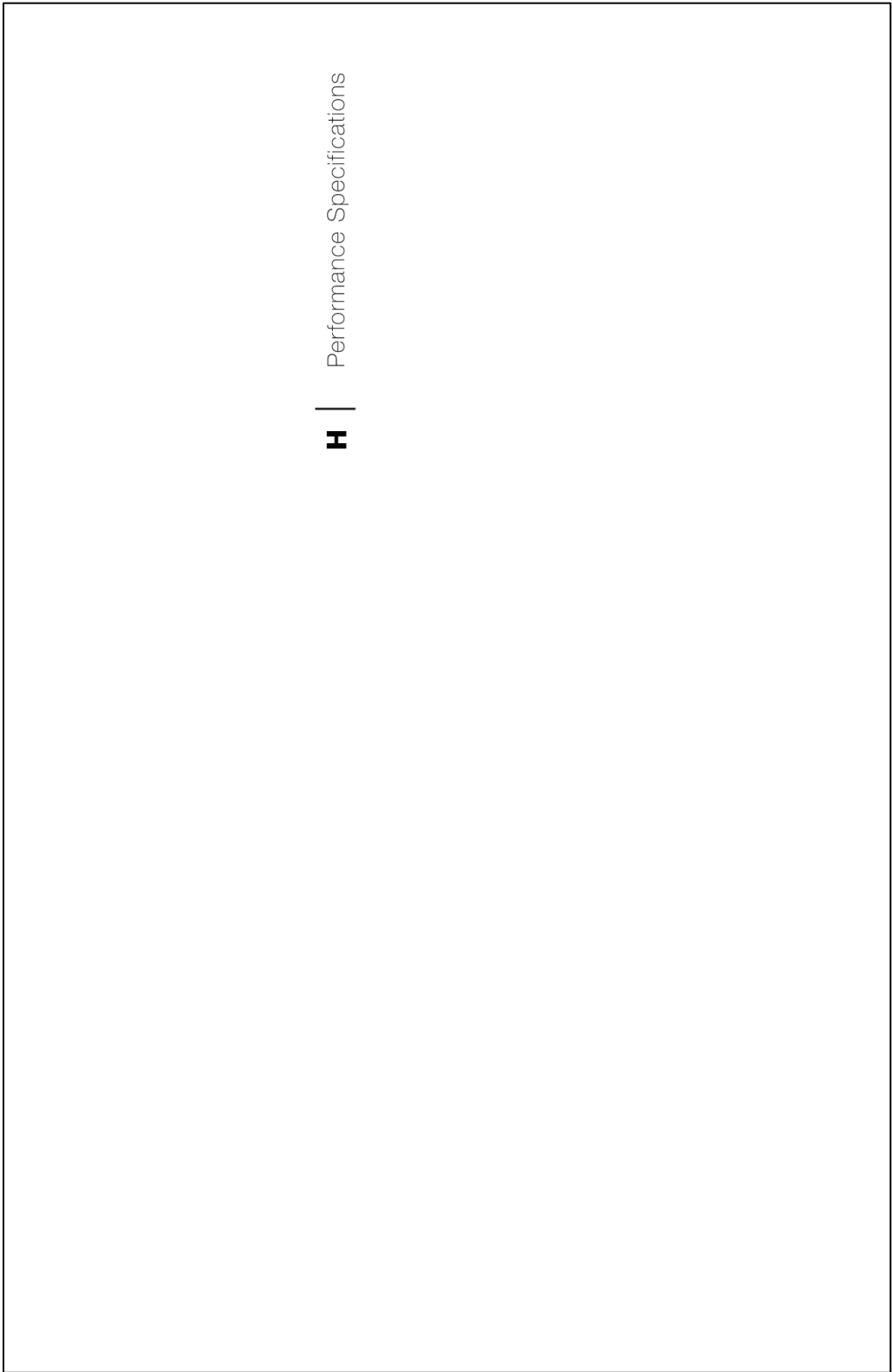
SHEET TITLE
J-Bolt Footer

DATE 02/14/14
DRAWN BY: LH
REVISIONS

SHEET NO.
G.12

These drawings are issued to DESIGNER ONLY. The Designer is responsible for all dimensions and conditions of placement. This effort must be approved by the Designer. Shop drawings and details must be submitted to the Designer for approval. The Designer is responsible for all dimensions and conditions of placement. This effort must be approved by the Designer and sign requirements checked by the Designer.

SPECIFICATIONS	SIGN TYPE:	FUNCTION:
<p>The FABRICATOR shall be familiar with the City of Rogers specifications and responsible for all underground utility checks.</p> <p>The FABRICATOR shall be familiar with the City of Rogers specifications, obtaining plans from the City of Rogers Department of Public Works.</p> <p>Where a basement/vault interferes with the proposed location, the location shall be relocated to a location deemed appropriate by the City of Rogers Department of Public Works.</p> <p>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)</p> <p>FINAL DESIGNS AND SHOP DRAWINGS SHALL BE SUPPLIED BY THE FABRICATOR. ALL FOUNDATIONS SHALL BE IDENTIFIED AND AN ARKANSAS REGISTERED PROFESSIONAL ENGINEER IS REQUIRED TO SIGN AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.</p>	<p>NOTE:</p> <p>1) SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 POUNDS PER SQUARE FOOT. SOIL UNIT WEIGHT OF 125 PCF AND INTERIOR ANGLE OF 30 DEGREES (ASSUMED).</p> <p>2) CONCRETE STRENGTH AT 28 DAYS Fc=4,000 PSI. REINFORCING STEEL SHALL BE ASTM 36 Fy=60,000 PSI</p> <p>3) FOLLOW 2008 AHTD DESIGN STANDARDS FOR MATERIAL AND CONSTRUCTION. ALL FOUNDATIONS FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS</p> <p>4) FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS</p>	<p>NOTE:</p> <p>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.</p>
<div style="display: flex; justify-content: space-between;"> <div data-bbox="521 226 730 674"> <p>Existing sidewalk block to be removed and replaced</p>  <p>NOTE: When locating a footer within a single pavement block (max. 5'-0" x 5'-0"), adjacent to at least 2 expansion joints, the concrete block of pavement shall be removed and replaced with the same materials and finish of adjacent sidewalk areas.</p> <p>1 Plan: Footer Placement SCALE: NTS</p> </div> <div data-bbox="521 674 730 1333"> <p>— Class B Concrete Footing</p> <p>— Sign Post Base</p> <p>— Sign Post</p>  <p>2 Plan View: Footer SCALE: 1" = 1'-0"</p> </div> </div>		
<p>ENVIRONMENTS & EXPERIENCES</p> <p>merje</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjesign.com</p>		
<p>CLIENT / PROJECT City of Rogers Rogers, AR</p> <p>PROJECT NO. SHEET TITLE</p>		
<p>DATE: 02/14/14 DRAWN BY: LH REVISIONS:</p> <p>These drawings are issued for DESIGN INTENT ONLY and are not for construction. Contractor shall verify all dimensions and conditions on site prior to construction of the job. Contractor shall be familiar with the site conditions and shall be responsible for all utility work. Head of file variables from the attachments and copy them to this drawing. Shop drawings and details shall be submitted to the Designer for review prior to proceeding with fabrication. All copy shall be made from the original drawing and shall be approved by legal department.</p> <p>Footer Placement SHEET NO. G.13</p>		



H | Performance Specifications

PERFORMANCE SPECIFICATIONS PART 1 – GENERAL	
<p>1.01 WORK RELATED</p> <p>A Labor, materials, equipment and services necessary for the fabrication, delivery and installation of signage as described in the detail design intent drawings.</p> <p>B Refer to the message schedule for a complete list of sign types and quantities. Signs listed on message schedule should match those indicated on sign location plans. Contractor to notify owner of any discrepancies in sign quantities by doing take-offs before manufacturing signs.</p> <p>C Signage is located in City of Rogers, of Northwest Arkansas.</p> <p>D For all signs, all fasteners, support structures required for installation.</p> <p>1.02 RELATED WORK</p> <p>A General carpentry and painting requirements: all work to be done in a professional manner and to the highest trade standards.</p> <p>B Use OSHA safety requirements if necessary for pedestrian and/or vehicular safety.</p> <p>1.03 REGULATORY REQUIREMENTS</p> <p>Observe applicable codes, sign ordinances and ADA guidelines for handicapped and fuel-life safety signing. All exterior signs located in the public right-of-way, including local city, county and state roadways, shall comply with the 2009 MUTCD standards.</p> <p>1.04 REFERENCE STANDARDS</p> <p>Refer to current editions of the following:</p> <p>A MUTCD standards manual, 2009 edition.</p> <p>B Federal ADAAG, 2010 standards.</p> <p>C ASTM E 209 – Aluminum sheet and plate.</p> <p>D ASTM B 221 – Aluminum-alloy extruded bars, rods, wire, shapes and tubes.</p> <p>E ASTM D 822 – Light and water exposure apparatus (carbon-arc type) for testing paint, varnish, lacquer and related products.</p> <p>F ASTM E 84 – Surface burning characteristics of building materials.</p> <p>G ASTM C 143-74 – Concrete slump test.</p>	<p>3 Submit completed spreadsheet (form and/or file provided) with all requested line item prices. Ensure that all row and column totals add up properly. Use the provided format, do NOT use a different spreadsheet format.</p> <p>4 Submit a projected project schedule. Schedule will show major milestones such as sample submittals, fabrication, and installation. The payment schedule will be tied to reaching these milestones. Schedule will be updated regularly throughout the project.</p> <p>B Requirements</p> <p>1 Schedule shop drawings, product data and sample submittals for delivery at the same time.</p> <p>2 The owner may hold shop drawings, product data and samples in cases where a partial submittal cannot be reviewed until associated items have been received.</p> <p>3 Allocate not less than four weeks, plus mailing time, for processing by the owner.</p> <p>C Schedule</p> <p>1 Submit Gantt-style schedule with all pertinent dates and milestones for the project.</p> <p>2 Include all lead times for materials, processes and third party products or components.</p> <p>3 Include submittal delivery dates, fabrication and installation dates.</p> <p>4 Allow several weeks in schedule for review and revision time for all submittals.</p> <p>5 Revise schedule regularly as project details dictate.</p> <p>6 Contractor shall pay \$1,000 a day for each day past the agreed upon project deadline, unless otherwise stated in the owner-contractor agreement.</p> <p>D Shop Drawings</p> <p>NOTE: All final shop drawings must have an engineering stamp from a state licensed engineer before being approved for fabrication.</p> <p>1 Submit three (3) sets of shop drawings as outlined below.</p> <p>2 Include plans, elevations, sections and large scale details of sign, rods, and lettering layout. Show schedules and accessory items. Provide mounting templates.</p> <p>3 Show fabrication and installation details, including all sign types, materials, fasteners, brackets, hardware, internal framing, foundations, etc.</p> <p>4 Provide engineering data to confirm viability of signs and supports, including structural stability of all signs, fasteners and foundation design.</p> <p>5 Structural details must be reviewed and stamped by a state certified structural engineer, ensuring structural integrity and safety.</p> <p>E Sub Contractor Qualifications Information</p> <p>1 The total percentage of subcontracted work on this project is not to exceed 49% including installation.</p>
<p>2 Fabricator must submit credentials for any subcontractor selected to execute any portion of this contract. This must be submitted with proposal or bid. Demonstrate subs qualifications for doing specified work.</p> <p>F Samples</p> <p>1 Submit three (3) sets of each sample required.</p> <p>2 Owner reserves the right to reject any samples that do not satisfy the construction, finish or color requirements. Submit additional samples as required to obtain final approval.</p> <p>3 Samples shall be labeled on the back, designating item number, name of manufacturer, name of project.</p> <p>4 The following sample submittals are required for this project: The following samples MUST be submitted and approved PRIOR to the fabrication of the signs.</p> <p>a) 3 sets of all color samples, including paint and vinyl samples on thin aluminum plates (approx. 3" x 6").</p> <p>b) 2 sets of material samples.</p> <p>c) Sample fasteners, hardware and mounting hardware sufficient to obtain clear ideas of how signs are fabricated, made changeable and installed.</p> <p>d) One (1) Logo Plaque for sign type GATE-A only, as illustrated on page D4 of the Design Intent. The Logo Plaque must be finished quality, delivered to Designer for review/approval, and WILL be job used.</p> <p>5 Samples should represent extreme variations in color and texture that might occur during fabrication.</p> <p>G Maintenance Data</p> <p>1 Submit two (2) copies of each manufacturer's recommendations for maintenance of all items.</p> <p>2 The instructions shall cover cleaning, repair, repainting and maintenance of signs, including data on cleaning solutions or methods of application which should be avoided.</p>	<p>1.06 DELIVERY OF ATTIC STOCK (IF ANY)</p> <p>A For any attic stock ordered, package separately or in like groups labeled as to contents. Include installation hardware, fasteners, brackets, and mounting templates. Provide an array of alternative adhesives, fasteners or materials to be able to respond effectively to varying field conditions.</p> <p>1.07 PROTECTION</p> <p>A Store and protect assemblies from injury at the shop, in transit to the job and until erected in place, completed, inspected and accepted.</p> <p>B Take special precautions to prevent pilferage both prior to and after installation. Be prepared to provide replacements for any material so removed from the site.</p>
<p>NOTES:</p>	<p>ENVIRONMENTS & EXPERIENCES</p> <p>merje</p> <p>120 North Church Street Suite 209 Fayetteville, AR 72703 Tel: 479.248.9546 www.merjedesign.com</p>
<p>DATE 02/14/2014</p> <p>OWNER PR</p> <p><small>These drawings are issued by DESIGNER. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE JOB. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS OF THE JOB. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS OF THE JOB. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS OF THE JOB. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS OF THE JOB.</small></p> <p>CITY/PROJECT NORTHWEST ARKANSAS (NWA) City of Rogers Gateway</p> <p>PROJECT NO.</p> <p>SHEET TITLE</p> <p>Performance Specifications</p> <p>SHEET NO. H.1</p>	<p>PERFORMERS</p>

PERFORMANCE SPECIFICATIONS PART 1 – GENERAL	
<p>1.08 INSPECTION</p> <p>A Materials, colors and fabricated or partially fabricated items shall be suitable for application by the fabricator or finishers, by the owner or designer during the process of manufacture and until final delivery, installation and acceptance, to determine whether or not there is compliance with the requirements of these specifications.</p> <p>B Approval prior to the time of final acceptance shall not preclude rejection of delivered items which do not satisfy these specifications.</p> <p>1.09 REORDERING</p> <p>All items specified herein shall be available to the owner in additional quantities for a period of 10 years after completion of all work called for in this specification.</p> <p>1.10 WARRANTY</p> <p>All warranties on fabricator's standard contract forms must be filed in accordance with the contract documents. Any change in warranty length or terms must be negotiated prior to contract signing. Any discrepancies from fabricator's contract are superseded by this performance specification.</p> <p>ALL PAINT FINISH WARRANTIES MUST BE ACCOMPANIED BY SIGNED WARRANTY AGREEMENTS WITH THE PAINT MANUFACTURER AND FINISHER.</p> <p>A Warrant all products (including, but not limited to, materials, substrates and finishes) shall be warranted for a minimum period of five (5) years from date of installation.</p> <p>B Correct any and all defects in material and/or workmanship which may appear during the warranty period by restoring the work to the original condition. The contractor shall be responsible for the cost to the owner and to the owner's satisfaction.</p> <p>C Custom color background and characters printed with 3M reflective vinyl shall be warranted for a minimum of five (5) years. 3M reflective vinyl shall be applied according to 3M specifications to aluminum sheet, not excessively fade, discolor, crack, craze, peel, blister or lose reflectivity such that the signs become visually unsuitable for their intended purpose.</p> <p>D Vinyl die-cut letters shall be warranted for five (5) years against delamination from substrate.</p> <p>E Correct any and all paint finish defects which may appear during the warranty period by restoring defective work to the standard of the contract documents at no cost to the owner and to the owner's satisfaction.</p>	<p>1.11 ALTERNATE FABRICATION</p> <p>A The drawings show design intent only. The fabricator is responsible for fabrication and overall level of quality. Any changes in design, materials, fabrication techniques or details necessary to the successful completion of the project should be communicated to the designer and the owner in a timely fashion.</p> <p>Further development and engineering of designer's details (for fabrication and installation) is expected and should be shown in the shop drawings.</p> <p>B The designer recognizes that manufacturers may have shop fabrication techniques that differ from details shown. Suggested changes in fabrication that do not alter the design intent nor reduce the quality will be considered by the designer provided they are submitted in sketch form as soon as possible prior to shop drawing preparation.</p> <p>C Any value engineering changes during fabrication shall be split evenly between the contractor and owner.</p> <p>F Additional corrections shall include, but not be limited to, the following:</p> <ol style="list-style-type: none"> 1 Peeling, bubbling, crazing, chalking, rusting or other deterioration of the sign face or of the messages or of the edge finish of the sign inserts or panel. 2 Corrosion developing beneath paint surfaces of the supports or fasteners, when it is the result of obvious vandalism or other external damage to the paint surfaces). 3 Corrosion of the fastenings. 4 The signs not remaining true or plumb on their supports. 5 Fading of the colors when matched against a sample of the original color and material. 6 Discoloration of metal finishes.
<p>NOTES:</p>	
<p>ENVIRONMENTALS & EXPERIENCES</p> <p>merje</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484-256-0646 www.merjedesign.com</p>	
DATE	02/14/2014
CLIENT / PROJECT	NORTHWEST ARKANSAS (NWA) City of Rogers Gateways
DRAWN BY	PR
<p><small>These drawings are issued by MERJE NORTHWEST ARKANSAS and are not for construction. The contractor shall verify all dimensions and conditions of the job. Contractor shall be responsible for any changes to the design. The contractor shall be responsible for any changes to the design. The contractor shall be responsible for any changes to the design. The contractor shall be responsible for any changes to the design.</small></p>	
PROJECT TITLE	
SHEET NO.	
REVISIONS	
Performance Specifications	
SHEET NO. H.2	

PART 1 – GENERAL *continued*

PERFORMANCE SPECIFICATIONS	
PART 2 – PRODUCTS	
<p>2.01 QUALITY ASSURANCE</p> <p>A Materials used for this project shall be new and not reconditioned or re-purposed.</p> <p>B Fabricator shall be familiar with the site and all conditions related to the fabrication and installation of the project.</p> <p>C Use only personnel thoroughly skilled and experienced with the products and method for fabrication and installation of signage specified.</p> <p>D The owner shall reserve the right to reject any shop drawings, samples or other submittals, as well as any finished product or installation, that cannot meet the standard of quality established. Any such decision will be considered final and not subject to recourse.</p> <p>E The intent of the contract documents is to provide everything necessary for a complete contract. In the event of conflict or omission, the fabricator shall consult the owner for resolution.</p> <p>F Materials and hardware not specified, but necessary to the complete functioning of the sign, shall conform to the quality level established.</p> <p>2.02 PREFERRED MATERIAL SUPPLIERS</p> <p>Vendors and products listed below are specified for this project. These products have either been tested on prior projects and have delivered proven results, or have properties unique to this project. Any suggested substitutions must have documentation demonstrating the same level of quality and warranty PRIOR to bidding. Bids are subject to disqualification if unauthorized substitutions are used.</p> <p>A Acrylic Polyurethane paint</p> <p>Mathews Paint (a division of PPG), Delaware, OH 43015 Phone: 800-323-6593 www.mathewspaint.com</p> <p>B All vinyl and vinyl coatings</p> <p>3M Commercial Graphics Division, St. Paul, MN 55144 Phone: 888-364-3577 www.solutions.3m.com</p> <p>C TIGER Drylac® Series 38 Powder coating</p> <p>TIGER Drylac USA, St. Charles, IL 60174 800-245-8148 www.tiger-coatings.us</p> <p>2.03 DESIGN REQUIREMENTS</p> <p>A Typeface specifications</p> <ol style="list-style-type: none"> Typeface (or fonts) are purchased from respective font websites, licensed to the designer, and will not be shared with the fabricator. Fabricators will be responsible for purchasing matching licensed fonts for project usage. See the Graphics Standards section of the design intent drawings for the specific fonts utilized within the project. 	<p>2 Size, all letter heights specified are based on the cap height of the capital letter.</p> <p>3 Alignment: When setting type or installing cut letters, ensure that letters are perfectly straight and even, with no characters set crooked or "popping up."</p> <p>4 Spacing</p> <ol style="list-style-type: none"> See the Graphics Standards section of the design intent drawings for the samples of letterspacing programs. The proper letter and spacing is of extreme importance to the desired look of the signs. Contractor is responsible for visual corrections to the typesetting that might be necessary. Any problems with spacing or alignment must be brought to the attention of the designer for solution. <p>B Visual Justification</p> <ol style="list-style-type: none"> Display type may align mechanically but not optically. When flushing copy message left, a visual adjustment shall be made compensating for arrows and those letter forms that must be extended into the left hand margin to appear as if they are flush. Caps 3 and O must extend beyond the left margin slightly. <p>C Arrow and symbol specifications</p> <ol style="list-style-type: none"> Symbols: Symbols and pictographs shall conform to the symbol signs issued by the Department of Transportation and the American Institute of Graphic Arts. To obtain more information and digitized Macintosh (MS) compatible symbols, visit the website for Environmental Graphics Design (EGD), 1000 West 40th Ave, NW, Suite 400, Washington, DC 20005, Phone: 202-638-5555. Arrows: Arrows on all signs shall use the arrow files which will be provided by the owner to the successful bidder. <ol style="list-style-type: none"> Arrow size will be dimensioned by height as shown in the design intent drawings. <p>D Artwork</p> <ol style="list-style-type: none"> The contractor shall be provided electronic, Adobe InDesign and Illustrator files with the project artwork and templates. The final output quality of the artwork for finished signage shall be the responsibility of the contractor. The owner's representative reserves the right to reject artwork if it fails to meet the standard of quality established. <p>2.04 MATERIALS</p> <p>A Aluminum extrusions: For mounting plates and structural frames shall conform to ASTM B-21, alloy 6063-T6. Shapes, sizes and weights of members shall be as required for structural stability. All connections of aluminum members shall be half-arc welded, continuous fillets, ground smooth on all exposed surfaces, unless specifically detailed otherwise. Aluminum finishes shall be hereinafter specified.</p>
<p>B Aluminum sheet and plate: Type 5052-H32 alloy aluminum, thickness as indicated. For painted finish, faces shall be etched to give an even stain finish and remove oxidation, then conversion coated to improve paint adhesion and inhibit corrosion. Surface shall be belt-sanded for a smooth finish, edges filed and ground then immersed in hot alkaline cleaner to remove contamination. For anodized finish, prepare for anodizing. Aluminum should have consistency of color and finish throughout the project.</p> <p>C Stainless Steel sheet: Chromium stainless steel sheet. Use type 304 or type 316 austenitic stainless steel with 16% Chromium and 16% Nickel.</p> <p>D Hangers, brackets and accessories: Shall be of the type and size indicated. Where such items are not specifically called for, provide hangers, brackets and accessories required for the proper execution of the work, as approved by the owner.</p> <p>E Paint for aluminum: All coating to protect aluminum by uniformly penetrating, filling, and sealing surface pores. System shall be chemically resistant to acid rain, salt crystallization, airborne contaminants, graffiti, industrial air pollution, mildew, and salt air. Coating should not yellow, peel or flake. <i>Coating should be guaranteed in conformance with Warranty Section 1.10-E. Sign panels shall be pre-drilled in proper locations before any priming, painting or coating processes.</i></p> <p>Aluminum should have consistency of color and finish throughout the project.</p> <ol style="list-style-type: none"> Mathews Acrylic Polyurethane (PPG) MAP® is a superior two-component catalyzed coating system that provides a high degree of ultraviolet, chemical and weather protection for signage and architectural metals. When used as a complete system, primer through topcoat, MAP provides a high performance finish that lasts for years. <ol style="list-style-type: none"> Pretreatment: Mechanically clean and chemically pretreat fabricated items in accordance with coating manufacturer's requirements and AAMA requirements for finish indicated. <ol style="list-style-type: none"> Pretreatment: One coat 74-734 and 74-735 metal pre-treat at .25 mils DFT or one coat 74-793 spray bond at .15 to .25 mils DFT. Apply primer and finish coats in accordance with coating manufacturer's requirements for finish indicated. <ol style="list-style-type: none"> Finish coat: One coat Mathews Acrylic Polyurethane 2 mils DFT. As a final step, spray one coat of satin clear Mathews Acrylic Polyurethane 2 mils DFT for a protective top coat. 	<p>NOTES:</p> <p>ENVIRONMENTALS & EXPERIENCES</p> <p>merje</p> <p>120 North Church Street Suite 209 Columbia, PA 17300 Tel: 717.684.2668 www.merjedesign.com</p> <p>CLIENT / PROJECT NORTHWEST ARKANSAS (NWA) City of Rogers Caltway's</p> <p>DATE 02/14/2014 DRAWN BY: PR</p> <p>These drawings are issued in accordance with the terms and conditions of the contract. It is the contractor's responsibility to verify all dimensions and conditions of the job. Corrections to drawings must be submitted in writing to the architect or engineer in person. The architect or engineer shall not be responsible for any errors or omissions on these drawings. Sign drawings shall be submitted to the architect or engineer for review and approval. All sign drawings shall be submitted to the architect or engineer for review and approval. All sign drawings shall be submitted to the architect or engineer for review and approval.</p> <p>REVISIONS</p> <p>PROJECT NO. SHEET TITLE Performance Specifications</p> <p>SHEET NO. H.3</p>

PERFORMANCE SPECIFICATIONS PART 2 – PRODUCTS	
<p>2</p> <p>TIGER Drylac Series 38 Powdercoating</p> <p>This TIGER Drylac SHIELD System is a two-coat process combining optimum corrosion protection with highest weatherability. The basis for the excellent corrosion resistance is either TIGER Drylac Zinc Rich Primer 69/90500, TIGER Drylac Dryprotective Primer 69/70000, or TIGER Drylac 09/73841. Out-gassing Forgiving Primer. This two coat system warrants an optimum non-porous film as well as excellent UV protection through the use of high quality polyester powder coatings.</p> <p>All specified project applications here-in MUST be the TIGER Drylac two-coat process. The TIGER Drylac Series 38 Super Durable Polyester single powder coating is NOT acceptable, unless specifically identified within the sign drawings.</p> <p>a) Pretreatment: Mechanically clean and chemically pretreat fabricated items in accordance with coating manufacturer's requirements and ANMA 2604-05 requirements for finish indicated.</p> <p>b) Powdercoating shall be applied by a Tiger-approved applicator ONLY. Apply primer and finish coating in accordance with coating manufacturer's requirements for finish indicated.</p> <ol style="list-style-type: none"> Theoretical Coverage: at 1.5 specific gravity and 2.5 mils (60 um) film thickness: 30.2 ft²/lb (9.8 m²/kg). Refer also to the latest edition of "Theoretic Powder Coating Coverage Chart", Version 00-1001 (Imperial). <p>F Pressure Sensitive Vinyl Legends</p> <ol style="list-style-type: none"> Use 3M High Intensity Prismatic Reflective Sheeting Series 3930, with 3M ElectroCut Film 1170 overlaminat. <ol style="list-style-type: none"> Custom color background and characters printed with 3M inks directly. Series 3930 sheeting incorporates a pressure sensitive adhesive and should be applied to the sign substrate at temperature of 65°F/18°C or higher by any of the following methods: <ol style="list-style-type: none"> Mechanical squeeze roll applicator – refer to 3M Information Folder (IF) 1.4 for more details. Hand squeeze roll applicator – refer to 3M IF 1.6 for more details. Slitless Series 3930 sheeting must be built spliced when the pieces are being cut. The pieces should not touch each other. This is to prevent buckling as the sheet expands in extreme temperature and humidity exposure. For traffic sign use, substrates found to be most reliable and durable are properly prepared aluminum sheets and extrusions. Plastic substrates are NOT acceptable. 	<p>e) High intensity prismatic sheeting may be processed into traffic signs by any of the imaging methods describe below:</p> <ol style="list-style-type: none"> Screen Processing: Series 3930 sheeting may be screen processed into traffic signs before or after mounting on a sign substrate, using 3M Process Colors Series 8801 or Series 8800. Refer to 3M IF 1.8 for more details. Thermal Transfer Printing: Series 3930 sheeting may be imaged with 3M Thermal Transfer Ribbon Series TTR2300 in conjunction with the Matan Spring3 or Matan Spot3 thermal transfer printers. Additionally, series 3930 sheeting may be imaged by the Durat-RH 161 or 135 printer, or by the Durat-RH 135 printer. The above printers must be applications utilizing the above printers must be covered with 3M ElectroCut Film 1170 Clear UV/ Anti-Graffiti overlaminat. 3M ElectroCut Film Series 1170 may be used to provide transparent colored background copy for traffic control signs on high intensity prismatic sheeting. Both materials then must be covered with 3M ElectroCut Film 1170 Clear UV/Anti-Graffiti overlaminat. Refer to Product Bulletin 1170 for fabrication procedures. Vinyl Graphic Films: Scotchlac Vinyl Series 7720 and Series 7725 may be used to provide copy for traffic control signs on high intensity prismatic sheeting. Both materials then must be covered with 3M ElectroCut Film 1170 Clear UV/Anti-Graffiti overlaminat. Refer to Scotchlac Product literature for more information. <p>f) All of the above methods utilizing series 3930 reflective sheeting must be warranted for a period of eight (8) years. The warranty shall include the sign material, frame, and blower or lose reflectivity such that the signs become visually unsuitable for their intended purpose.</p> <ol style="list-style-type: none"> Use 3M Scotchlac brand graphic film. Material shall be processed with compatible screen printing inks and clear coatings as recommended by the manufacturer. The film shall be pre-coated with pressure-sensitive adhesive. The adhesive shall be protected by a treated paper liner which shall be easily removable without soaking in water or other solvents. The sheeting shall be guaranteed against delamination for a period of 5 years. Use 3M Scotchlac brand reflective graphic film. Material shall consist of transparent plastic having a smooth, flat outer surface embedded with spherical lens elements. Material shall be capable of being processed with compatible screen printing inks and clear coatings as recommended by the film manufacturer. The film shall be pre-coated with pressure-sensitive adhesive. The adhesive shall be protected by a treated paper liner which shall be easily removable without soaking in water or other solvents. The sheeting shall be guaranteed against delamination for a period of 5 years.
<p>G Concrete</p> <ol style="list-style-type: none"> All concrete footers are to be poured in place. All concrete footers are to be poured from thoroughly mixed and agitated concrete in order to prevent unreasonable voids in the finished casting. Concrete to meet specified "PSI testing" for strength: 3500 PSI minimum. Concrete to meet specified "slump test" before pouring footing. All footings to extend past the frost line. Any footers or posts for signs will be placed in wet concrete and allowed to fully cure in place before any signage is attached or mounted to it in any way. All exposed surfaces of concrete shall receive a finish to match existing, adjacent surfaces. Do NOT chamfer corners or edges of concrete, unless specifically identified, or called out in the sign drawings. Smooth-Formed Finished Concrete: Form-facing panels that will provide continuous, true, and smooth concrete surfaces. Finish in largest practicable sizes to minimize number of joints. <ol style="list-style-type: none"> Plywood, metal, or other approved panel materials. Exterior-grade plywood panels, suitable for concrete forms, complying with DOC P5 1. <p>H Breakaway post: Manufacturer shall provide breakaway posts for the sign types and locations indicated in the documentation drawings. Final designs and shop drawings shall be supplied by the fabricator for each of the poles identified. A Professional Engineer shall sign and seal the submital of shop drawings. The breakaway post shall meet or exceed the following criteria:</p> <ol style="list-style-type: none"> Most Current policy on Geometric Design of Highway and Streets. Most Current Standard Specification for Structural supports for Highway Signs, Luminaires and Traffic Signals. Most Current AASHTO Roadside Design Guide. <p>I Adhesive tape: Use closed-cell foam tape with adhesive surfaces on both faces. Thicknesses and widths of tapes shall be as required to safely secure signs to various wall finishes, but in no case shall be less than 1/16 inch thick and 1/2 inch wide. Adhesive tape shall be equal to Norton Sealant Tape No. 1001 Series.</p> <p>J Liquid adhesive: Use Silicone Silastic 732 RTV adhesive sealant as manufactured by Dow Corning.</p>	<p>merve</p> <p>120 North Church Street Suite 209 Pottsville, PA 18380 Tel: 610.266.0648 www.mervedesign.com</p> <p>ENVIRONMENT & EXPERIENCES</p> <p>DATE: 02/14/2014 DRAWN BY: PR</p> <p>PROJECT NO.: NORTHWEST ARKANSAS (NWA) City of Pottsville Geotronics</p> <p>SHEET TITLE: PERFORMANCE SPECIFICATIONS</p> <p>SHEET NO.: H.4</p>

PERFORMANCE SPECIFICATIONS	
PART 2 – PRODUCTS	
<p>2.05 FABRICATION</p> <p>A Report any discrepancies between drawings, specifications and materials, and request direction from owner before proceeding.</p> <p>B Verify measurements in field as required for work fabricated and installed. Verify dimensions and request direction from owner before proceeding.</p> <p>C Make work in ample time not to delay job progress and completion. Fabricate work true to line and detail with clean, sharp defined profiles. Finish surfaces smooth unless otherwise specified.</p> <p>D Do cutting, punching, drilling and tapping required for attachment or other work coming in contact with signage work where indicated.</p> <p>E Changeability: Fabricate signs in such a manner that each of the major components be removed and replaced with similar components by maintenance personnel, but not by unauthorized personnel.</p> <p>F Construction: Fabricate all joints, corners, edges, etc. with work accurately machined, filed and fitted, rigidly framed together at joints and contact points. Carefully match all work to provide a perfect continuity of lines and design, with metal in contact having hairline joints. Make joints of such character and assembly to be strong and as rigid as adjoining sections. Make exposed joints where joint is least conspicuous. Corners shall be square as indicated. All edges shall be finished and free of saw marks.</p> <p>Allow for expansion and contraction of materials from temperature changes, especially when two materials with different coefficients of expansion are used together. Detail signs to minimize deflection from snow, ice, water and their own weight.</p> <p>G Engineering: The system shall be engineered to eliminate buckling of any members, failure at any points, distortions or other damage. The system shall be engineered to be rigid with minimum deflection and rotation under stress and shall be able to withstand movement, shear and torsional loads. Exposed areas of signs shall not rot. Signs shall be designed as structurally self-supporting units. This suspension systems and substructure shall be designed by the sign manufacturer to perform in accordance with the contract documents.</p> <p>H Connections and accessories: Weights of connections and accessories shall be adequate to sustain and withstand stresses and strains to which they will be normally subjected.</p> <p>I Sign panels - General</p> <ol style="list-style-type: none"> Surface finish: Provide surface finishes that are free from lines, mottling, ridges, variations in color, peeling, orange peel, bubbles, pinholes, mottling, crazing, grit and coarse particles. This applies to all methods of fabrication and finishing. Use clear coatings for durability, surface protection, appearance and maintenance. 	<p>2. Material: Sign panel material is stated in the schedules under "Notes" and/or "Specifications" and/or on drawings.</p> <p>3. Opacity: All signs shall have opaque background and have opaque graphics, unless specifically noted otherwise.</p> <p>J Anchors and fastenings</p> <ol style="list-style-type: none"> Mechanical <ol style="list-style-type: none"> Provide anchors and fasteners required to secure work in place. Surface finish: Do NOT expose fastenings on surface of sign panels unless specifically noted otherwise. Do NOT deform, distort or discolor sign face surfaces by attachment of concealed fastenings. Corrosion resistance: all fastenings shall be non-corrosive and resistant to oxidation or other corrosive action, of the same composition completely through their cross sections, particularly when used below grade. Use highest quality stainless steel hardware and fasteners. Anchors, inserts or fasteners shall be compatible with sign materials, shall not result in galvanic action or chemical interaction of adhesives and shall have demonstrable and sufficient strength for intended use. Steel anchors and fastenings for exterior use shall be galvanized in accordance with ASTM A153. Stability: Fabricate and install signs with fastenings to withstand all actions imposed by use; 90 mph wind perpendicular to surfaces, water, ice, snow loads and similar forces. Anchor bolts in concrete shall be cast in place. Manufacturer shall furnish instructions for the setting of anchors and bearing plates. Manufacturer shall ascertain that the items are properly set during the process of the work. Color: Secure work with fastenings of same color and finish as the components they secure where they are exposed to view, unless noted otherwise. Security: All exposed fasteners must be vandal resistant and have vandal-proof "spanner" type slots to be removed only with the special driver head. <p>K Messages</p> <p>The fabricator is responsible for the message layout of all directional message panels. Fabricator must produce scale drawings of message layouts for review prior to fabrication. Layout spacing and letterheights to be based on typical layout guideline drawing pages.</p> <ol style="list-style-type: none"> Layout: Typical sign panel layouts are illustrated in the design intent drawings. All messages including braille shall be flush left, unless noted otherwise. Correct line breaks are indicated in the "message" column of the schedule and should be followed exactly. Braille line breaks shall match those of the raised copy.
<p>Any problems in the message layout shall be brought to the attention of the designer for a solution.</p> <ol style="list-style-type: none"> Fabrication: Execute all signs such that letter forms are true and clean. Letter forms with rounded corners, or chipped, nicked, cut or ragged edges, will not be accepted. This applies to all methods of fabrication and copy application. Copy: Message copy on detail drawings is for layout purposes only. Actual copy is listed in the "message" column of the schedule. Certain copy may be provided later by the owner. Capitalization: Directions for upper and lower case are found in the "message" column of the schedule must be followed exactly. Single- or double-faces: All signs that are double-faced will be noted as such in the drawings and message schedule. For double-faced signs, the message will be indicated as "Side A" and "Side B" or "Side C" and "Side D". <p>L Surface-applied messages</p> <ol style="list-style-type: none"> Reflectivity and specular gloss <ol style="list-style-type: none"> Non-reflectORIZED message: 60 degree specular in accordance with ASTM Test D523. Thickness: as indicated in specifications herein. Color and color fastness <ol style="list-style-type: none"> Exposed surfaces and finishes shall show no color change or degradation when exposed for 1,000 hours. All color fastness shall be tested in Model HDL-X, or equivalent, when tested in accordance with ASTM D622. Inter letter spacing: Follow examples in drawings. Show sample inter-letter and inter-word spacing in sample submissions as specified. Layout: Positions for all messages, symbols, arrows, lines, and location plan and/or floor plan drawings, shall be complied with. <ol style="list-style-type: none"> Artwork: Contractor shall be responsible for all final reproduction artwork for all messages, symbols, arrows, lines, and location plan and/or floor plan drawings. Fabrication <ol style="list-style-type: none"> Screened messages: Execute all silk screen printing in such a manner that all edges and corners of finished letter forms are true and clean. Letter forms, color areas or lines with rounded corners, edge buildup or bleeding, jawrothing, etc., will not be accepted. All artwork shall be prepared by the fabricator. Reproduction of the copy prepared from typesetter's reproduction of the copy specified. All above work is included in this contract. Hand cut screens will not be acceptable. 	<p>NOTES:</p> <p>ENVIRONMENTALS & EXPERIENCES</p> <p>merje</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484-226-0646 www.merjesign.com</p> <p>DATE: 02/14/2014 DRAWN BY: PR PROJECT: NORTHWEST ARKANSAS (NWA) City of Rogers Gateways PROJECT NO. SHEET TITLE Performance Specifications SHEET NO. H.5</p>

PERFORMANCE SPECIFICATIONS PART 2 – PRODUCTS	
<p>b) Die-cut messages: Die-cut, pre-spaced, pre-aligned messages (numbers, words, phrases, and arrows) from 3.0 ML flexible film coated with continuous adhesive pressure sensitive backing to meet characteristics specified for surface-applied messages. Execute die-cutting in such a manner that all edges and corners of finished letter forms are square and free of burrs, fraying, or ragged edges. Negative corners, nicked, cut or ragged edges, etc., will not be acceptable.</p> <p>M Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a listing agency acceptable to authorities having jurisdiction, and marked for intended use.</p>	<p>NOTES:</p> <p>ENVIRONMENTS & EXPERIENCES</p> <p>merve 120 North Church Street Suite 208 Chambers, PA 15820 T: 814.265.0848 www.merivedesign.com</p> <p>CLIENT / PROJECT DATE: 02/14/2014 DRAWN BY: PR PROJECT NO.: SHEET TITLE: Performance Specifications SHEET NO.: H.6</p>

PERFORMANCE SPECIFICATIONS PART 3 – EXECUTION	
<p>3.01 INSPECTION</p> <p>A Examine the substrate and conditions under which the signs are to be installed and notify the owner in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected.</p> <p>3.02 INSTALLATION</p> <p>A Install sign units and components with concealed fasteners, unless otherwise shown. Refer to detail drawings for general method. Verify each surface in field to determine specific, appropriate hardware.</p> <p>Drawings in this package may not indicate any below-ground or in-wall structural tie-ins or connections that may be necessary to assure stable and secure installation of signs. Sign fabricator is responsible for determining where such connections are necessary and for coordinating with related trades to make them.</p> <p>B Locations: Refer to drawings for approximate locations. Any discrepancies or apparent deviations from drawing locations shall be noted on drawings and brought to the attention of the owner for solution. The owner must be present for field placement of the sign.</p> <p>It shall be the responsibility of the Contractor to determine the location of the sign and to provide the necessary tie-ins for test pit excavation prior to excavation operations. Test pits shall be the size, depth and location as approved by the Engineer. Each pit shall be tamp-back-filled. Test pit excavation will be measured on the basis of the volume of material actually removed from within the limits specified. Tamped backfill will not be measured but shall be included in the price bid for test pit excavation.</p> <p>Price provided shall include all excavation, tamped backfill, labor, tools, equipment and incidentals necessary to complete the installation of each sign.</p> <p>C For ground-mounted signs, provide whatever replacement concrete, pavers, bricks, etc., are necessary to match adjacent surfaces exactly. Seams should be parallel or perpendicular to sign face and be symmetrical around posts).</p> <p>D Note that this area experiences heavy public use. Strong environmental conditions such as weather and vandalism may be routine problems. Signs must be securely mounted. Contractor is responsible for suggesting alternative fabrication or installation methods if required to prevent theft or vandalism.</p> <p>E Install signs to be level, plumb and at the proper height. Cooperate with other trades for installation of sign units.</p> <p>F Clean and polish, remove excess adhesive.</p> <p>G Fixture installation</p> <ol style="list-style-type: none"> 1) Install lighting fixtures with seals and gaskets. Conceal all wiring in or within the construction. 	<p>2 Lamp installation</p> <ol style="list-style-type: none"> a) Do not install lamps for permanent use until opening voltage is verified and established. b) Install lamps in accordance with lamp and fixture manufacturer's instructions. <p>3 Ballast installation</p> <ol style="list-style-type: none"> a) Install ballasts at factory unless specifically indicated otherwise. Mount on rubber grommets or sound isolating details to reduce noise transmission. <p>3.03 TREE TRIMMING AND PROTECTION</p> <p>A Include the protection and trimming of trees that interfere with, or are affected by, execution of the Work, whether temporary or new construction.</p> <ol style="list-style-type: none"> 1) Quality Assurance: <ol style="list-style-type: none"> a) Tree Service Qualifications: An experienced tree service firm that has successfully completed tree protection and trimming work similar to that required for this Project and that will assign an experienced, qualified arborist to Project site on a full-time basis during execution of the Work. b) Arborist Qualifications: An arborist certified by the International Society of Arboriculture or licensed in the jurisdiction where Project is located. 2) Preparation: <ol style="list-style-type: none"> a) Install temporary fencing located as indicated or outside the drip line of trees to protect remaining vegetation from construction damage. b) Protect tree root systems from damage due to noxious materials caused by runoff or spillage while mixing, placing, or storing construction materials. Protect root systems from flooding, eroding, or excessive wetting caused by dewatering operations. c) Do not store construction materials, debris, or excavated material within the drip line of remaining trees. Do not permit vehicles or foot traffic within the drip line; prevent soil compaction over root systems. d) Do not allow fires under or adjacent to remaining trees or other plants. 3) Excavation <ol style="list-style-type: none"> a) Install shoring or other protective support systems to minimize sloping or benching of excavations. b) Do not excavate within drip line of trees, unless otherwise indicated. c) Where excavation for new construction is required within drip line of trees, hand clear and excavate to minimize damage to root systems. Use narrow-tine spading forks and comb soil to expose roots.
<p>1) Relocate roots in backfill areas where possible. If encountering large, main lateral roots; expose roots beyond excavation limits as required to bend and relocate them without breaking. If encountered immediately adjacent to location of new construction and relocation is not practical, cut roots approximately 3 inches back from new construction.</p> <p>2) Do not allow exposed roots to dry out before placing permanent backfill. Provide temporary earth cover or pack with peat moss and wrap with plastic. Water arborist maintain in moist condition. Temporary earth cover shall be removed and roots from damage until they are permanently relocated and covered with soil.</p> <p>4 Tree repair and replacement</p> <ol style="list-style-type: none"> a) Promptly repair trees damaged by construction operations within 24 hours. Treat damaged trunks, limbs, and roots according to written instructions of the qualified arborist. b) Remove and replace dead and damaged trees that the qualified arborist determines to be incapable of restoring to a normal growth pattern. 1) Provide new trees of 6-inch caliper size and of a species selected by Designer when trees more than 6 inches in caliper size, measured 12 inches above grade, are required to be replaced. 5 Disposal of waste materials <ol style="list-style-type: none"> a) Burning is not permitted. b) Remove excess excavated material, displaced trees, and excess chips from Owner's property. <p>3.04 CLEANUP</p> <p>A Periodically (at least daily) and upon completion of the installation, remove all waste, dirt, wrappings and excess materials, tools and equipment, and carefully and thoroughly clean all surfaces to the satisfaction of the owner.</p> <p>3.05 PROPERTY DAMAGE</p> <p>A Protect all adjacent surfaces from damage and pay the cost of repairing any damage to the property caused by delivery or installation of materials. In all cases, match existing surfaces.</p>	<p>NOTES:</p> <p>ENVIRONMENTALS & EXPERIENCES</p> <p>merje</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484.226.0646 www.merjeenvironmental.com</p> <p>DATE 02/14/2014 DRAWN BY PR These drawings are owned by 202096. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THESE DRAWINGS WITHOUT THE WRITTEN CONSENT OF THE DESIGNER IS STRICTLY PROHIBITED. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE AGENCIES AND COMMUNITY DEPARTMENTS. ALL AS-BUILT INFORMATION SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. ALL AS-BUILT INFORMATION SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. ALL AS-BUILT INFORMATION SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL.</p> <p>CLIENT / PROJECT NORTHWEST ARKANSAS (NWA) City of Rogers Gateways</p> <p>PROJECT NO. SHEET TITLE Performance Specifications</p> <p>REVISIONS</p> <p>SHEET NO. H.7</p>