

**FREDERICK, MARYLAND
WAYFINDING & SIGNAGE PROGRAM
CONSTRUCTION DOCUMENTATION PACKAGE**

17 December 2008

City of Frederick
Frederick, MD

Project No. Y41.07961.000

UPDATE: October 21, 2019

merJe

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Frederick, MD Wayfinding & Signage Program
19 January 2009
Y41-07961.000

SECTION 1 | Signage Drawings

A. Graphic Standards

Clearview Highway

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890 " ! @ # \$ % ^

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

Downtown

acceptable

Downtown

NOT acceptable

D o w n t o w n

NOT acceptable

123A

acceptable

123A

NOT acceptable

1 2 3 A

NOT acceptable

SPECIFICATIONS

The FABRICATOR must submit a full alphabet of 1" letters and numerals.

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

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

CLEARVIEW HWY 2-W

 This apostrophe is CORRECT.

PARK'S

 This apostrophe is INCORRECT.

PARK'S

NOTES

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CLIENT / PROJECT

**City of Frederick, MD
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PROJECT NO. Y41.07961.000

SUBCONSULTANT

DATE 12/17/2008

DRAWN BY: GS/KG/KB

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REVISIONS

SHEET TITLE

**Typography
Specifications**

SHEET NO.

A.1

Rawlinson Bold

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890 ‘’!@#\$%^

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

Downtown

acceptable

Downtown

NOT acceptable

Downtown

NOT acceptable

123A

acceptable

123A

NOT acceptable

123A

NOT acceptable

SPECIFICATIONS

The FABRICATOR must submit a full alphabet of 1" letters and numerals.

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

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

Rawlinson Bold

’ This apostrophe is CORRECT.
PARK’S

” This apostrophe is INCORRECT.
PARK'S

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REVISIONS

SHEET TITLE

**Typography
Specifications**

SHEET NO.

A.2

LETTERSPACING

Inconsistencies in Letter Spacing

TYPEFACE 1

Frederick

TYPEFACE 2

Parkir

Corrected Letter Spacing

TYPEFACE 1

Frederic

TYPEFACE 2

Parkir

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

SIGN TEXT STANDARDS

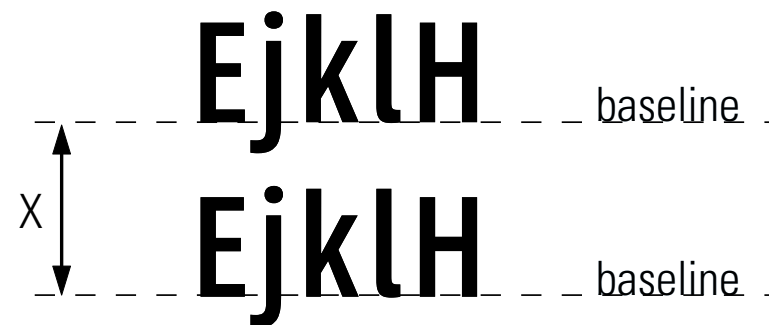
COPY HEIGHT

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



LINE SPACING

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



SPECIFICATIONS

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

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REVISIONS

SHEET TITLE
Typography Specifications

SHEET NO.
A.3

Vehicular Directional

Districts

Historic Downtown

Subdistricts

**Baker Park/
Bandshell**

Carroll Creek Park

Downtown Shop/Dine

East St. Shop/Dine

Everedy Sq. & Shab Row

Market/Patrick Shops & Dine

Market Street Shops & Dine

Patrick Street Shops & Dine

Theater District

Arts & Cultural

Cultural Arts Center

Delaplaine Visual Arts Ctr.

Weinberg Ctr. for the Arts

Education

Hood College

MD School for the Deaf

Government

Airport

Public Library

City Hall

County Courthouse

Fort Detrick

MARC Station

MD Aviation Division

Municipal Office Annex

Police Dept.

Post Office

School Admin. Offices

Winchester Hall

Historic & Tourism

Clusterd. Spires Golf Course

Fairgrounds

Francis Scott Key Memorial

Harry Grove Stadium

Hessian Barracks

Jug Bridge

Mount Olivet Cemetery

Museum of Frederick Hist.

Nat'l Museum Civil War Med.

Rose Hill Manor Park

Schifferstadt Arch. Museum

St. John's Cemetery

Visitor Center

Winery

Hospitals

Frederick Mem. Hospital

Parking

Additional Parking

Bus Turnaround

Carroll Creek Garage

Church Street Garage

Court Street Garage

E. All Saints Street Garage

South Street Garage

Everedy Sq. Parking

Shab Row Parking

W. Patrick Street Garage

MARC Parking

Pedestrian

Amphitheater

Armory/Tally Rec. Center

Baker Park

Band Shell

Barbara Fritchie House

Baseball (Baker Park)

Carroll Creek Amphitheater

Carroll Creek Park

Carroll Creek Public Garage

Carillon

City Hall

Community Bridge Mural

County Permits & Review

County Courthouse

Court Street Public Garage

Court/Patrick Public Garages

Delaplaine Visual Arts Center

Diggs Pool/Mullinex Park

Downtown Shop/Dine

DPW/Parks & Recreation

East St. Shop/Dine

Historic National Road

Laboring Sons Park

Maas Park

Market St. Shop/Dine

Market/East Shop/Dine

Maryland Ensemble Theatre

Memorial Park

Mullinex Park/Diggs Pool

Municipal Office Annex

Museum Frederick County Hist

Nat'l Museum Civil War Med.

Patrick St. Shop/Dine

Public Library

Roger Brooke Taney House

Schifferstadt Arch. Museum

St. John's Cemetery

Tally Rec. Center

Tennis Courts

The Dreaming

Theater District

Third Street Park

Transit Center

Trinity Chapel

Tot Lot

Visitor Center

W. Patrick St. Public Garage

Winchester Hall

Winery

Walking Tour

Dr. John Tyler's Home

Evangelical Reformed Church

Evangelical Lutheran Church

Independent Fire Company

John Hanson House

Kemp Hall

Ramsey House

Trail Mansion

Trinity Chapel

Tyler Spite House

William Tyler Page Birthplace

SPECIFICATIONS

ALL TYPE SHALL BE SET EXACTLY AS SPECIFIED.

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SHEET TITLE

Word Breaks

SHEET NO.

A.4

Note: Not all destination names shown on this page are used in the initial wayfinding program.

LOGO & GRAPHIC IMAGES

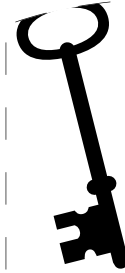
FREDERICK

MARYLAND

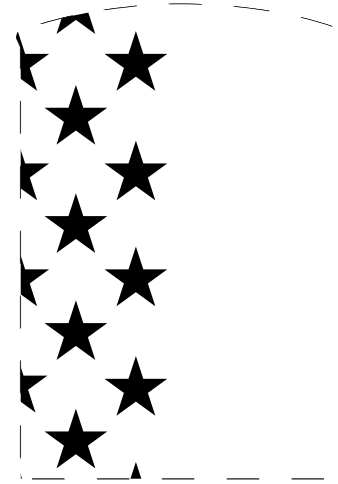
LOGO SYMBOL



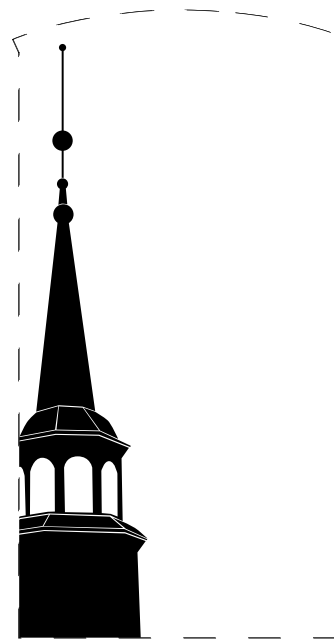
GATE.11 PANEL GRAPHIC



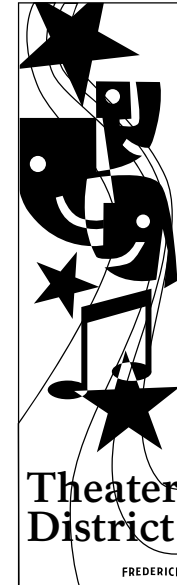
VDIR.1 PANEL GRAPHIC



VDIR.2 PANEL GRAPHIC



VDIR.3 PANEL GRAPHIC



DIST.3 BANNER GRAPHIC

SYMBOLS



HOSPITAL ICON

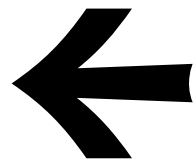


I-70 SHIELD



MD 85 SHIELD

ARROWS



Left Arrow



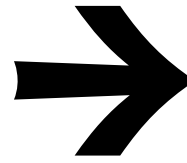
Up-Left Arrow



Straight Arrow



Up-Right Arrow



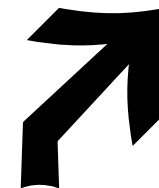
Right Arrow



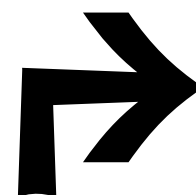
Straight-Left Arrow



Up-Straight-Left Arrow



Up-Straight-Right Arrow



Straight-Right Arrow

SPECIFICATIONS

The FABRICATOR must submit one example of each symbol, logo and arrow.

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

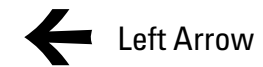
Guidelines and Logo Artwork are available in Illustrator EPS File Format.

USE of Arrows

When multiple directions are required on a sign, the following directional hierarchy shall take precedent. See Example below. Reference Message Schedule for individual Messages.



Straight Arrow



Left Arrow



Right Arrow

NOTES

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SHEET TITLE

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REVISIONS

Project Artwork

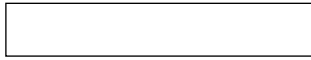










SHEET NO.

A.5

FREDERICK COLORS
P PAINTS

	NAME	SPECIFICATION	PROCESS
P1	 White	AKZO NOBEL Colormap-508B6	Surface painted, Grip-Gard Plus - Finish Semi-Gloss Polyurethane Clear Coat Protectant
P2	 Orange (Brick)	AKZO NOBEL Colormap-415E Pantone: 154C	Surface painted, Grip-Gard Plus - Finish Semi-Gloss Polyurethane Clear Coat Protectant
P3	OPEN		
P4	OPEN		
P5	 Blue	AKZO NOBEL Colormap-470-G5 Pantone: 3035C	Surface painted, Grip-Gard Plus - Finish Semi-Gloss Polyurethane Clear Coat Protectant
P6	 Dark Blue	AKZO NOBEL Colormap-470-H1 Pantone: 5463C	Surface painted, Grip-Gard Plus - Finish Semi-Gloss Polyurethane Clear Coat Protectant
P7	 Yellow Gold	AKZO NOBEL Colormap-421-E4 Pantone: 1245C	Surface painted, Grip-Gard Plus - Finish Semi-Gloss Polyurethane Clear Coat Protectant
P8	OPEN		
P9	 Black	AKZO NOBEL Colormap-508C5	Surface painted, Grip-Gard Plus - Finish Semi-Gloss Polyurethane Clear Coat Protectant

V VINYL

V1	 White Reflective	3M High Intensity Reflective Sheeting White 3290	Standard Color
V2	 Dark Blue Reflective	3M High Intensity Reflective Sheeting Match: AKZO NOBEL Colormap-470-H1	Custom Color : Pantone: 5463C
V3	 Green Reflective	3M High Intensity Reflective Sheeting Match: AKZO NOBEL Colormap-440-D6	Custom Color : Pantone: 391C
V4	 Blue Reflective	3M High Intensity Reflective Sheeting Match: AKZO NOBEL Colormap-470-G5	Custom Color : Pantone: 3035C
V5	 Yellow Gold	3M High Intensity Reflective Sheeting Match: AKZO NOBEL Colormap-421-E4	Custom Color : Pantone: 1245C
V6	 D.O.T. Blue Reflective	3M High Intensity Reflective Sheeting Color: 3935	Standard Color To match DOT Standard for H trailblazer signs
V7	 White Translucent	3M Scotchcal Translucent Graphic Film Color: 3630-20	Standard Color Alternate: Akzo Nobel-Grip Flex paint -sample for approval
V8	 Green Translucent	3M Scotchcal Translucent Graphic Film Match: AKZO NOBEL Colormap-440-D6	Custom Color : Pantone: 391C Alternate: Akzo Nobel-Grip Flex paint -sample for approval
V9	 Blue Translucent	3M Scotchcal Translucent Graphic Film Match: AKZO NOBEL Colormap-470-G5	Custom Color : Pantone: 3035C Alternate: Akzo Nobel-Grip Flex paint -sample for approval
V10	 Yellow Gold Translucent	3M Scotchcal Translucent Graphic Film Match: AKZO NOBEL Colormap-421-E4	Custom Color : Pantone: 1245C Alternate: Akzo Nobel-Grip Flex paint -sample for approval
V11	 Dark Blue Opaque	3M Scotchcal Electrocut Graphic Film Match: AKZO NOBEL Colormap-470-H1	Custom Color : Pantone: 5463C
V12	 White Opaque	3M Scotchcal Translucent Graphic Film Color: White 180C-10	Standard Color
V13	 Blue Opaque	3M Scotchcal Electrocut Graphic Film Match: AKZO NOBEL Colormap-470-G5	Custom Color : Pantone: 3035C

SPECIFICATIONS

The FABRICATOR must submit 2 identical sets of each color specified for approval prior to any painting. Sample swatches are to be produced on the substrate material of the final product.

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

NOTES

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SHEET TITLE

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REVISIONS

Color Chart

SHEET NO.

A.6

FREDERICK COLORS			
M MATERIALS	NAME	SPECIFICATION	PROCESS
M1		Brushed Aluminum	Horizontal Grain Finish-Matte-Natural Polyurethane Clear Coat Protectant
M2		Stone	Match Existing Stone in Carroll Creek Park Streetscape Consult Downtown Frederick Partnership and/or City of Frederick for specifications
M3		Brick	Match Existing Stone in Carroll Creek Park Streetscape Consult Downtown Frederick Partnership and/or City of Frederick for specifications
I Inks			
I1		Blue	Color Match: Pantone-309C UV inks
I2		Cream	Color Match: Pantone-7499C UV inks
I3		Orange(Brick)	Color Match: Pantone-154C UV inks
I4		Yellow Gold	Color Match: Pantone-7407C UV inks


SPECIFICATIONS

The FABRICATOR must submit 2 identical sets of each color specified for approval prior to any painting. Sample swatches are to be produced on the substrate material of the final product.

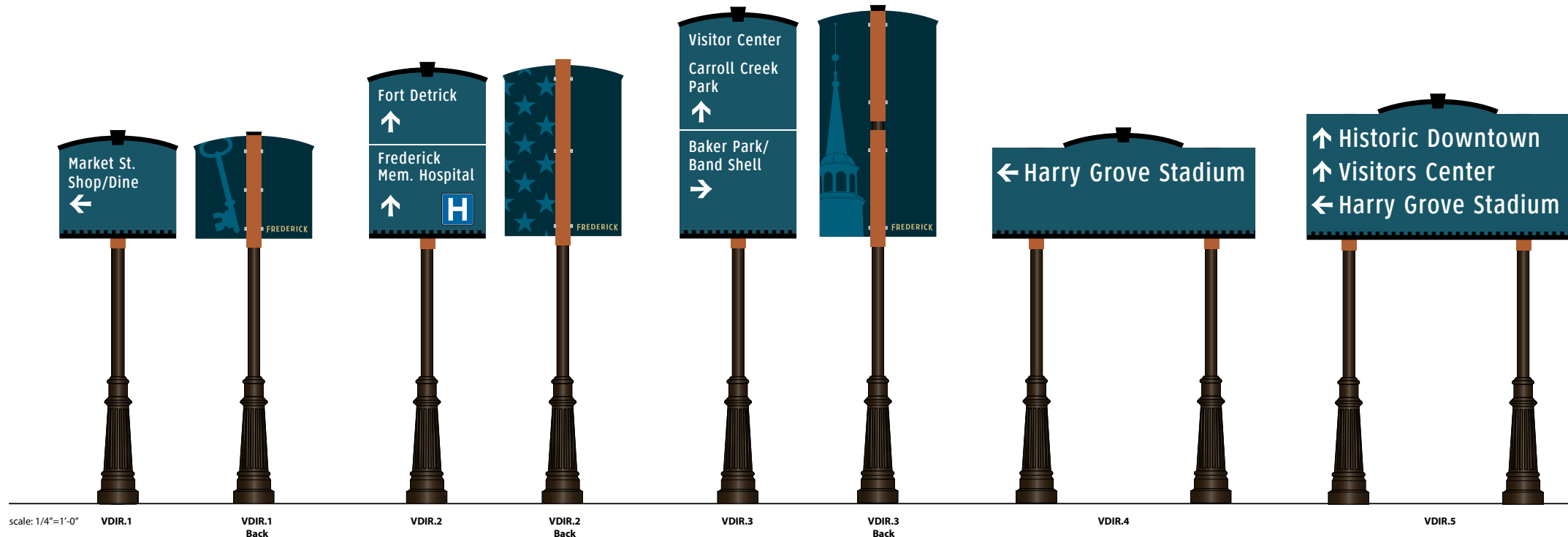
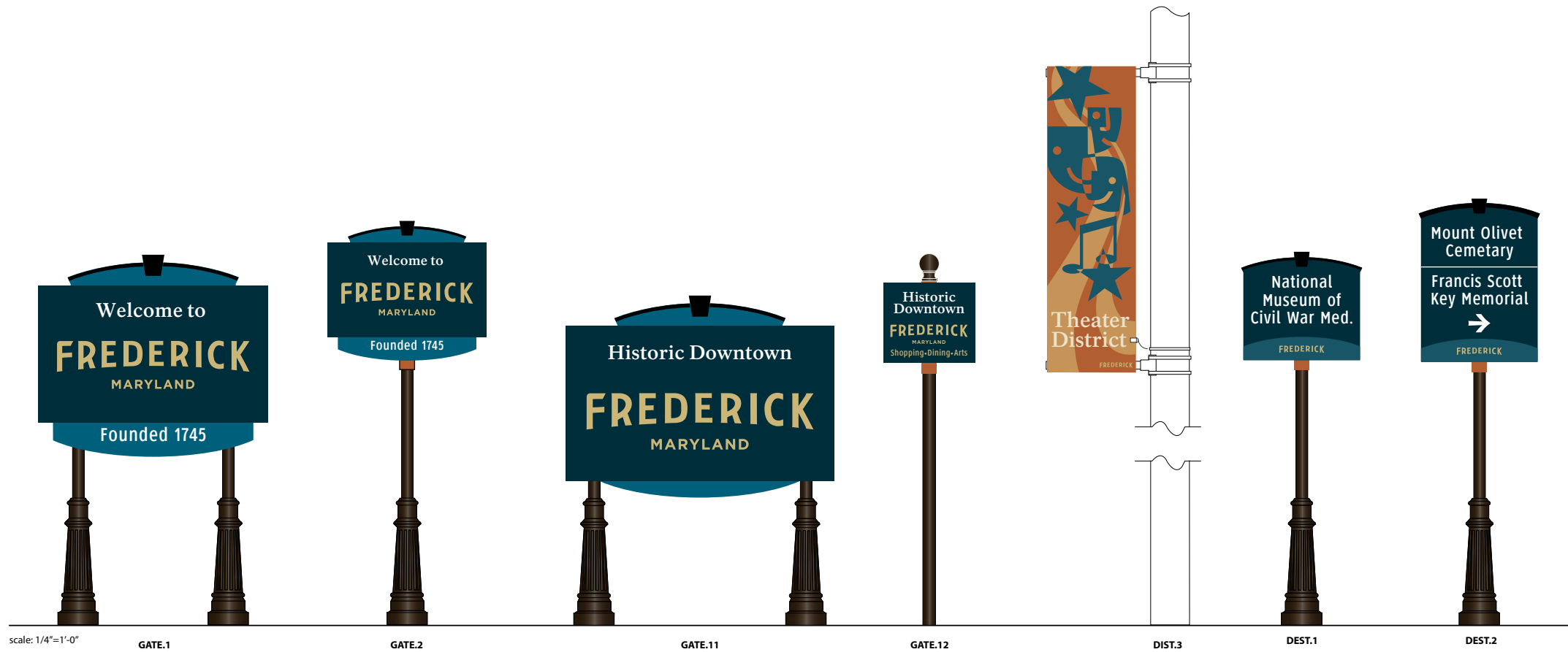
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NOTES

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

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SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE Color Chart
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REVISIONS		SHEET NO. A.7

B. Menu of Sign Types



SPECIFICATIONS

SIGN TYPES

Gateways

- GATE.1
- GATE.2
- GATE.11
- GATE.12

District Banner

- DIST.3

Destination Identification (Single Post)

- DEST.1
- DEST.2

Vehicular Directional (Single Post)

- VDIR.1
- VDIR.2
- VDIR.3
- VDIR.4
- VDIR.5

NOTES

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REVISIONS

SHEET TITLE

Menu of Sign Types
Vehicular

SHEET NO.

B.1

SPECIFICATIONS

SIGN TYPES

Parking Directional

- PARK.1
- PARK.2
- PARK.3

Parking ID

- PARK.10.1
- PARK.10.2
- PARK.11.1
- PARK.11.2

Parking Garage Identification

- PARK.12
- PARK.13
- PARK.14
- PARK.15
- PARK.16



scale: 1/4"=1'-0"



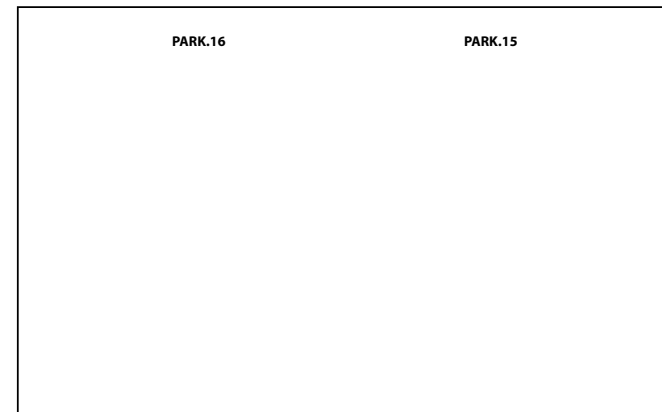
Carroll Creek  Public Garage

PARK.13

PARK.14



Exit Garage and Turn Left To Church Street



scale: 1/4"=1'-0"

PARK.12

PARK.25

NOTES

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REVISIONS

SHEET TITLE

**Menu of Sign Types
Parking**

SHEET NO.

B.2

SPECIFICATIONS

SIGN TYPES

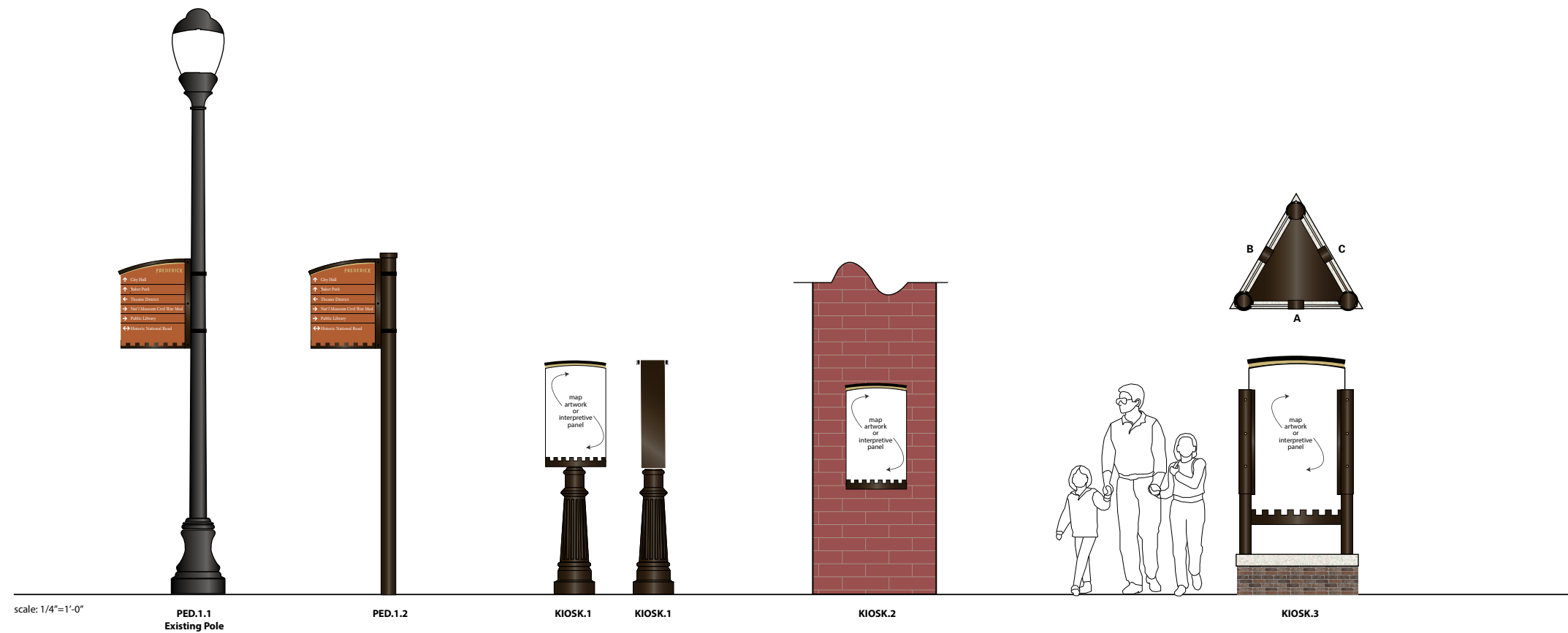
Pedestrian Directional

- PED.1.1
- PED.1.2

Pedestrian Kiosk

- KIOSK.1
- KIOSK.2
- KIOSK.3

NOTES



scale: 1/4"=1'-0"

PED.1.1
Existing Pole

PED.1.2

KIOSK.1

KIOSK.1

KIOSK.2

KIOSK.3

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CLIENT / PROJECT

City of Frederick, MD
Wayfinding & Signage
Program

PROJECT NO. Y41.07961.000

SUBCONSULTANT

DATE 12/17/2008

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REVISIONS

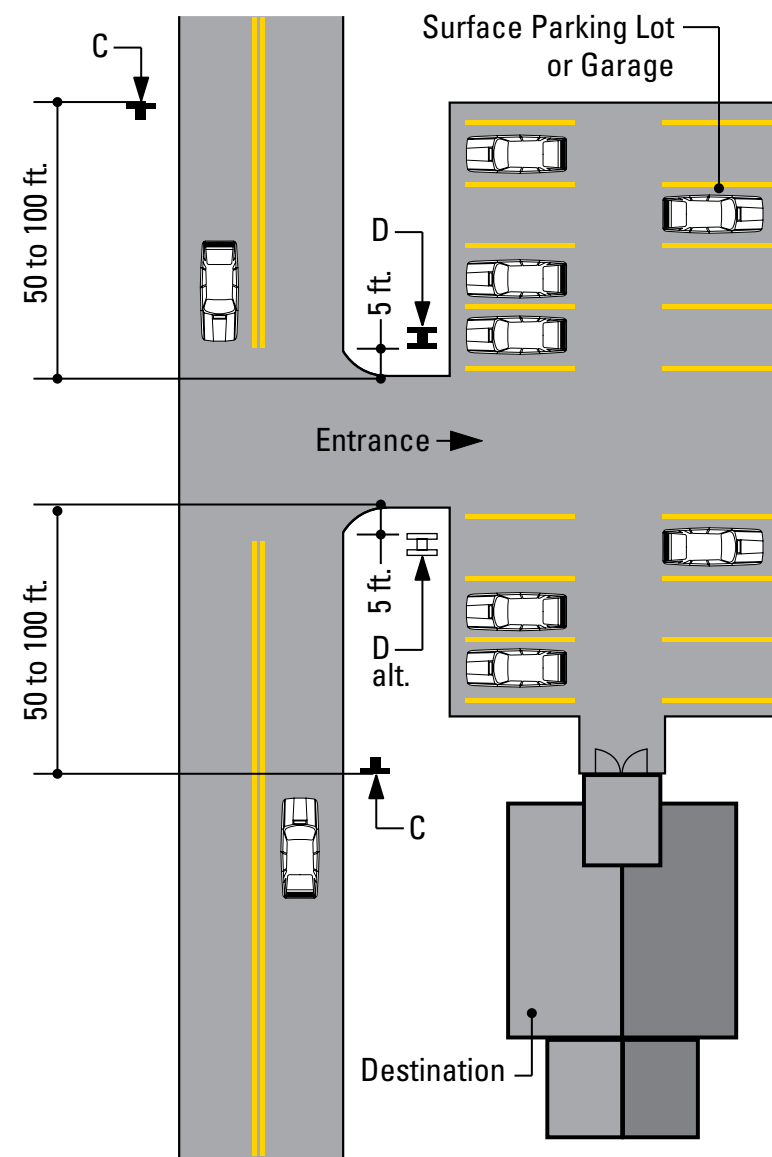
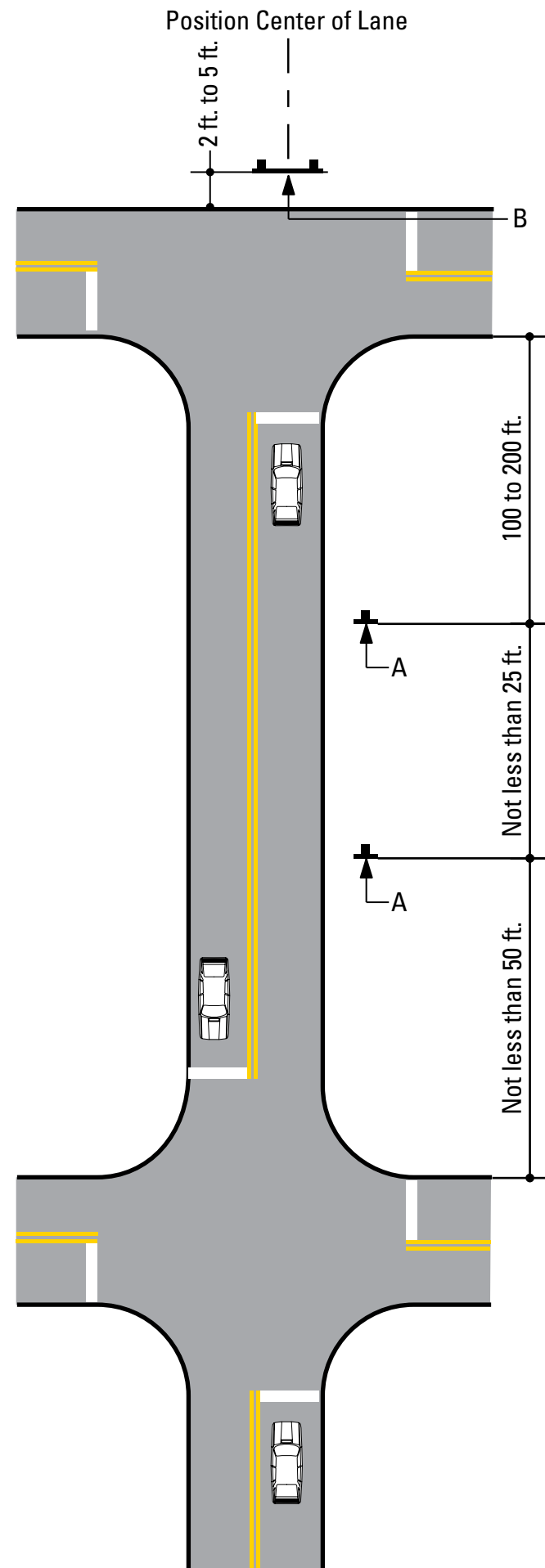
SHEET TITLE

Menu of Sign Types
Pedestrian

SHEET NO.

B.3

C. Placement Guidelines



SPECIFICATIONS

FIGURE 1
FIGURE 2

Unless approved by the City of Frederick 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 should 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 any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Wayfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.

(c) Wayfinding Signs should 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 should 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 1-6 represent the guidelines for the location of the various sign types, while Figure 7 illustrates the lateral clearance guidelines.

NOTES

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SHEET TITLE
**Sign Placement
Guidelines**

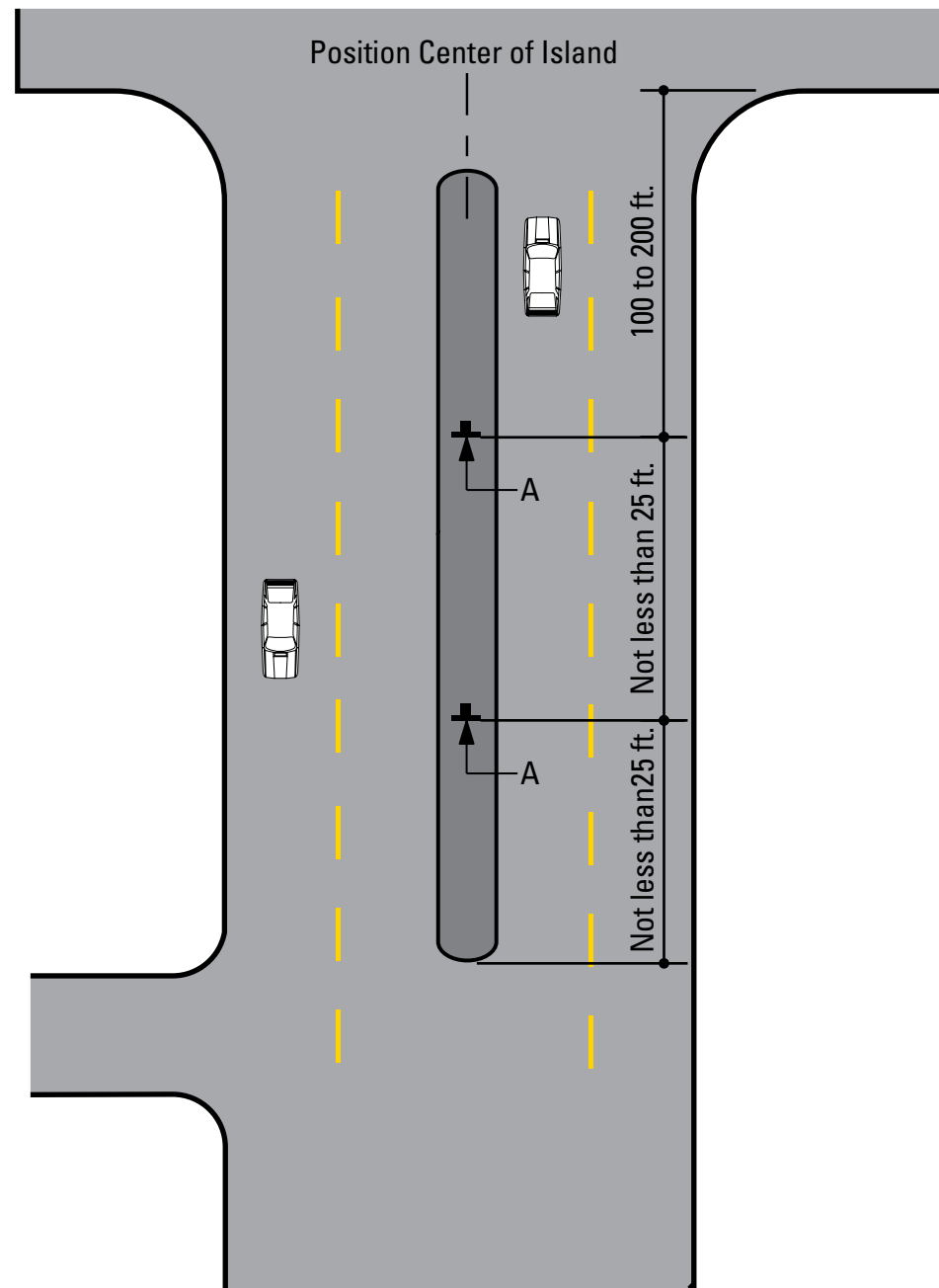
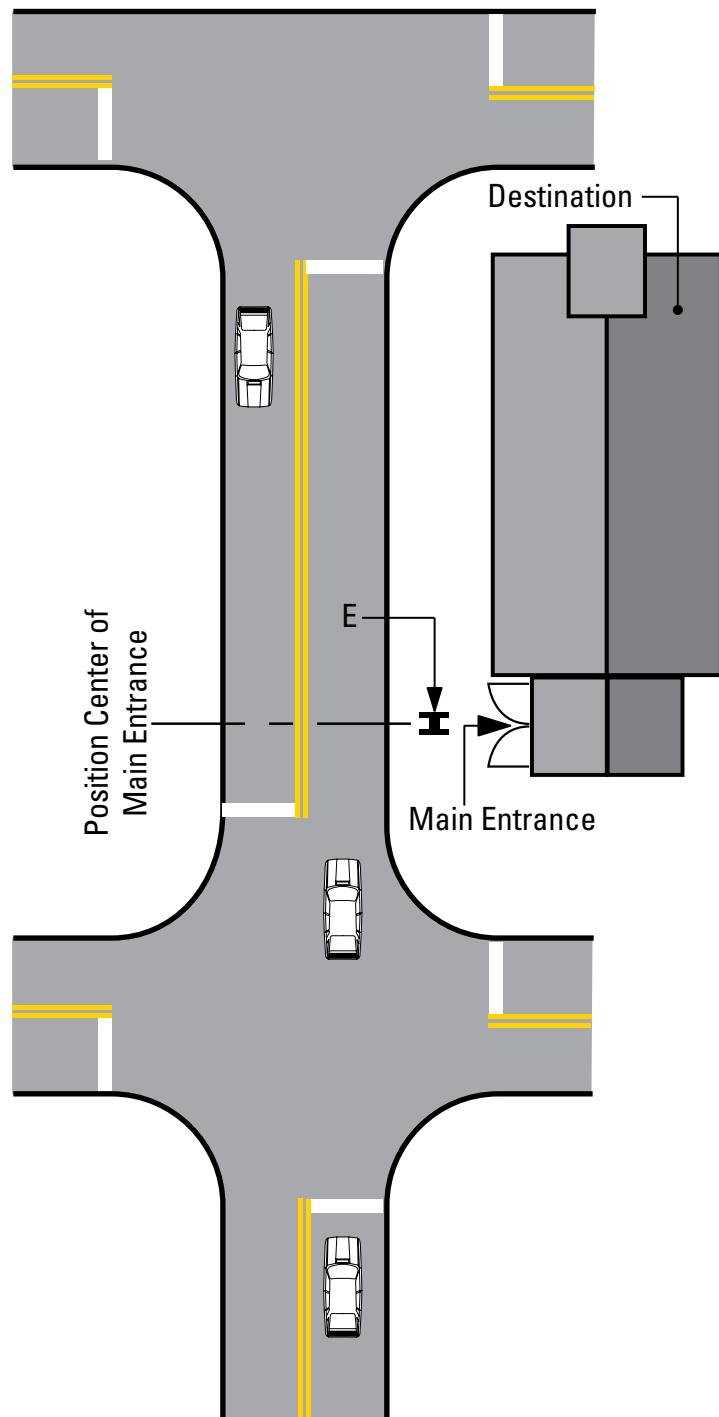
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SHEET NO.



SPECIFICATIONS

FIGURE 3
FIGURE 4

NOTES

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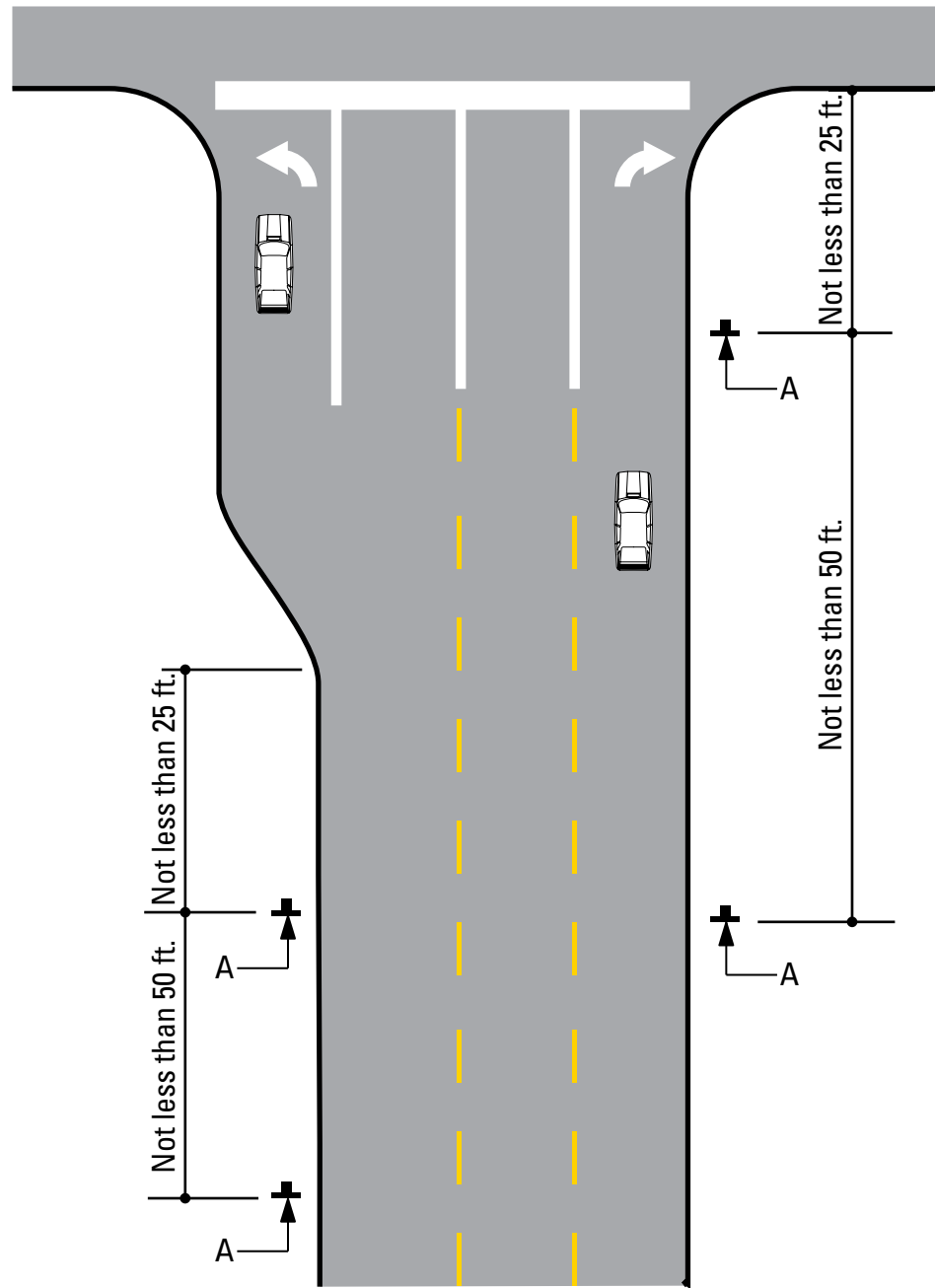
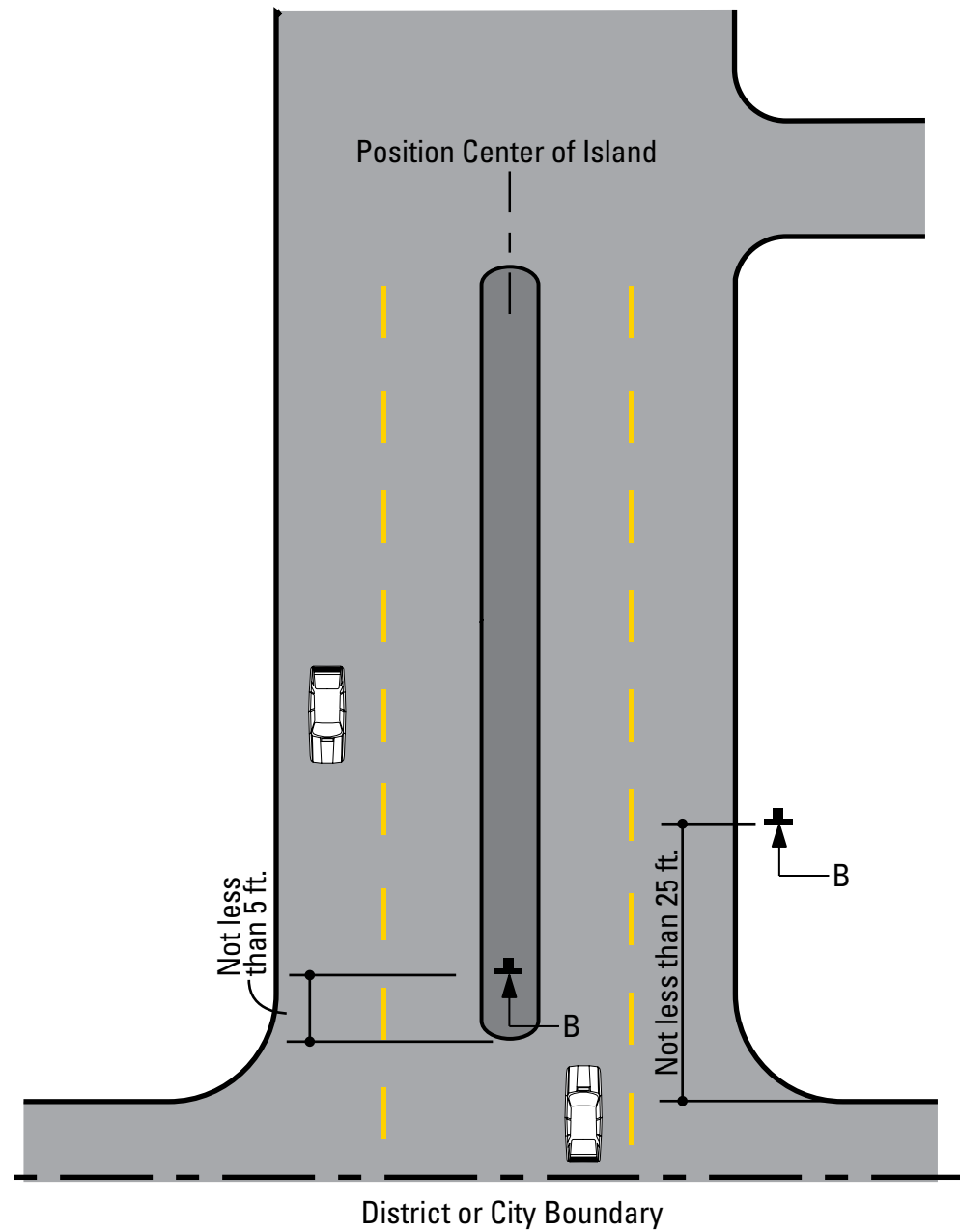
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REVISIONS

**Sign Placement
Guidelines**

SHEET NO.

C.2



SPECIFICATIONS

FIGURE 5
FIGURE 6

NOTES

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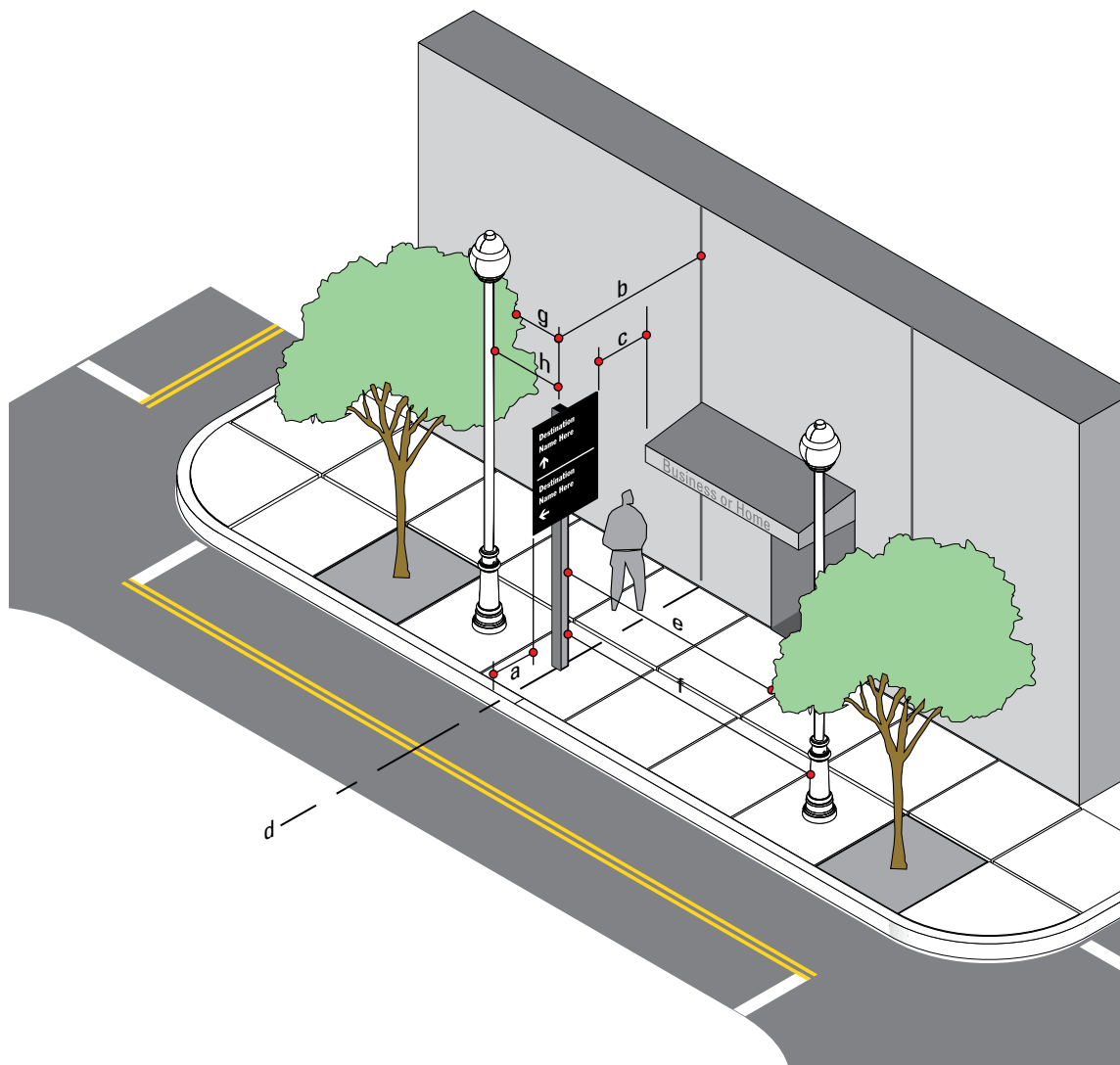
SUBCONSULTANT
DATE 12/17/2008
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SHEET TITLE
Sign Placement Guidelines

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SHEET NO.
C.3



SIGN TYPE	MEASURE	PREFERRED DISTANCE	MINIMUM DISTANCE
a	Distance from Edge of Sign Panel to Edge of Curb	2'-0" or more	1' - 0"
b	Distance from Sign Post to Nearest Obstruction	4' - 0" or more	3' - 0"
c	Distance from Edge of Sign Panel to Nearest Overhead Obstruction	4' - 0" or more	1' - 0"
d	Sign Placement in Relation to Adjacent Building	align to building Edge	Do Not obstruct Entrance
e	Distance from Face of Sign to Nearest Tree Branch	20' - 0" or more	15' - 0"
f	Distance from Face of Sign to Nearest Utility Pole	15' - 0" or more	10' - 0"
g	Distance from Back of Sign to Nearest Tree Branch	6' - 0" or more	3' - 0"
h	Distance from Back of Sign to Nearest Utility Pole	6' - 0" or more	3' - 0"

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

SPECIFICATIONS

NOTES

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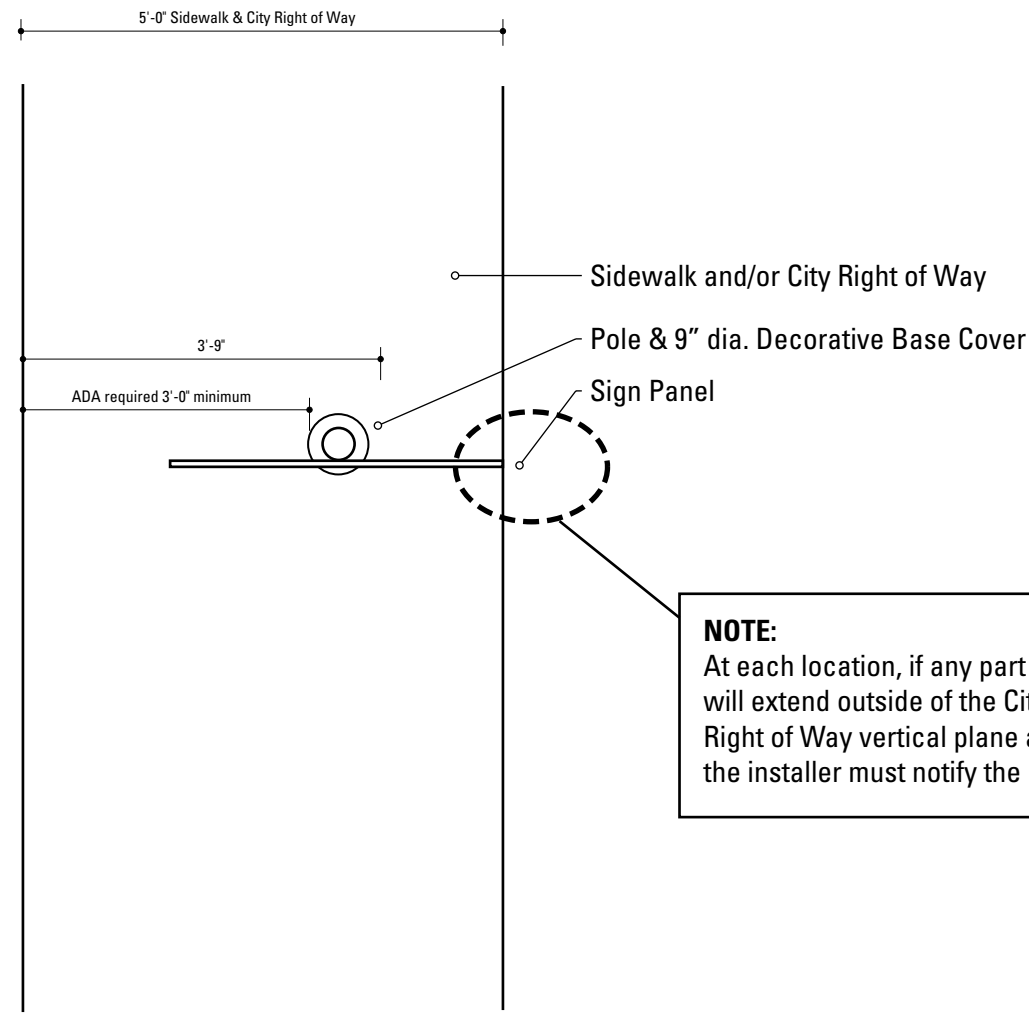
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SHEET TITLE
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SHEET NO.
C.4



NOTE:
 At each location, if any part of the sign (pole or panel) will extend outside of the City of Frederick's Right of Way vertical plane and into private property, the installer must notify the city prior to installation.

1 Reference View: 5 foot Sidewalk / City Right of Way
 SCALE: 1/2" = 1'-0"

SIGN TYPE	DISTANCE EDGE OF CURB to EDGE OF SIGN PANEL	DISTANCE TO CENTER OF POST
DEST.1-2	2'-0"	3'-8 3/4"
DEST.1-2	1'-6"	3'-2 3/4"
DEST.1-2	1'-0"	2'-8 3/4"
GATE.2	2'-0"	4'-3"
GATE.2	1'-6"	3'-9"
GATE.2	1'-0"	3'-3"
GATE.12	2'-0"	3'-4"
GATE.12	1'-6"	2'-10"
GATE.12	1'-0"	2'-4"
PARK.1.2	2'-0"	2'-8"
PARK.1.2	1'-6"	2'-2"
PARK.1.2	1'-0"	1'-8"
PARK.2.2, PARK.3-4	2'-0"	3'-8 3/4"
PARK.2.2, PARK.3-4	1'-6"	3'-2 3/4"
PARK.2.2, PARK.3-4	1'-0"	2'-8 3/4"
PARK.10.2, PARK.11.2	2'-0"	3'-8 3/4"
PARK.10.2, PARK.11.2	1'-6"	3'-2 3/4"
PARK.10.2, PARK.11.2	1'-0"	2'-8 3/4"
VDIR.1-3	2'-0"	3'-8 3/4"
VDIR.1-3	1'-6"	3'-2 3/4"
VDIR.1-3	1'-0"	2'-8 3/4"

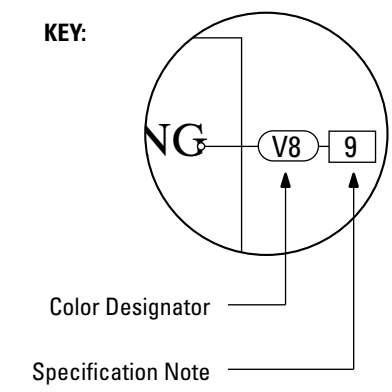
SPECIFICATIONS

- 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.

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DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE Sign Placement Guidelines
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REVISIONS		SHEET NO. C.5

D. Design Intent Drawings

KEY:



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

1. **4" ROUND POLE**
 MATERIAL: 4" dia, 1/4" thick Aluminum round tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FOOTER: TRANSP0 Break-safe or MDOT approved equal.
 REFER TO SECTION G FOR FOOTERS
2. **DECORATIVE CLAMSHELL BASE**
 PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened around 4" pole
3. **SLEEVE**
 MATERIAL: 1/4" thk Aluminum square tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened to pole
4. **SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

 Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
5. **KEYSTONE**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Chemical weld to sign panel
6. **EXPOSED FASTENER**
 PRODUCT: Heavy Hex Head Bolt
 SIZE: As required
 MATERIAL: Stainless Steel
 FINISH: Painted
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces

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.

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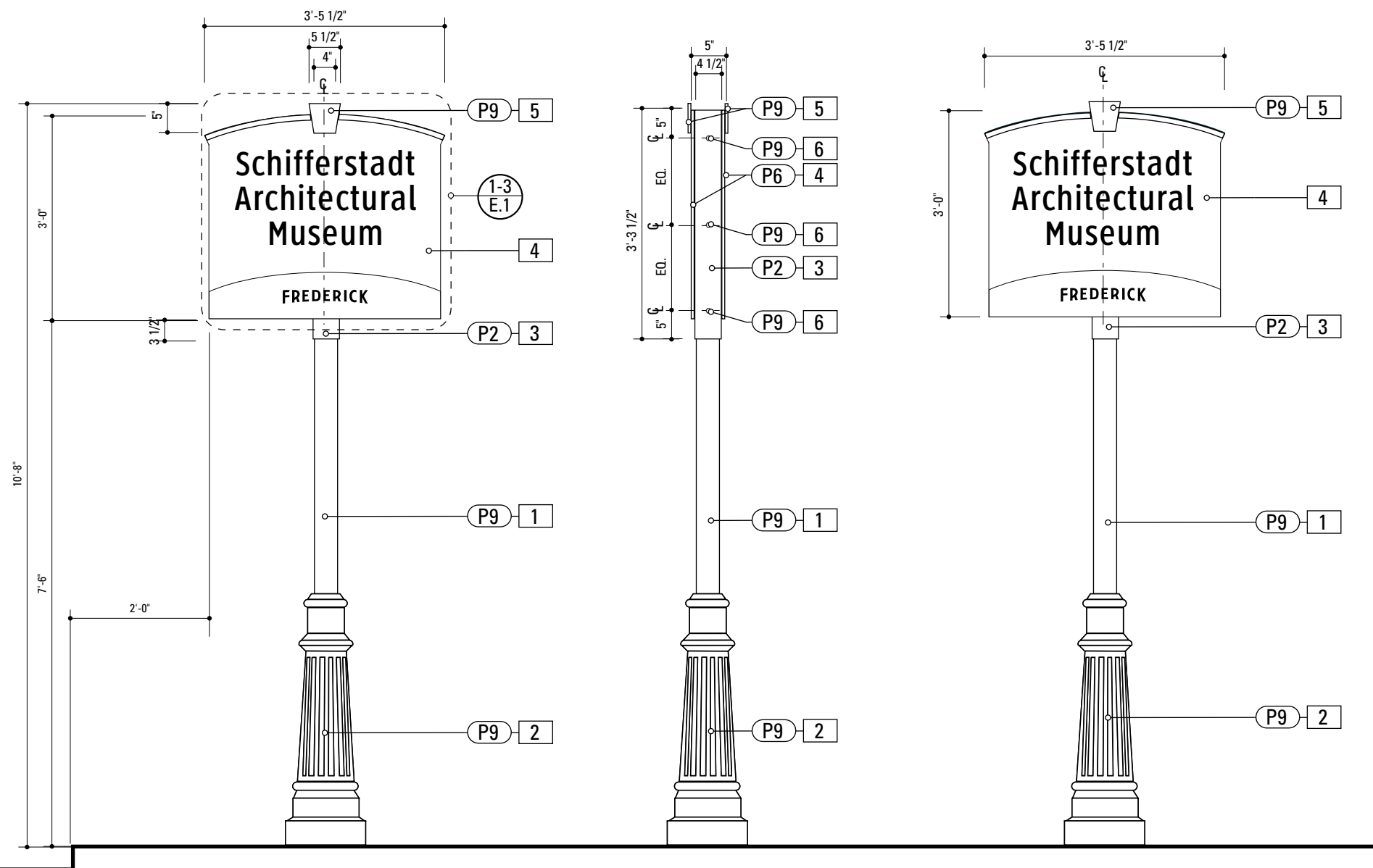
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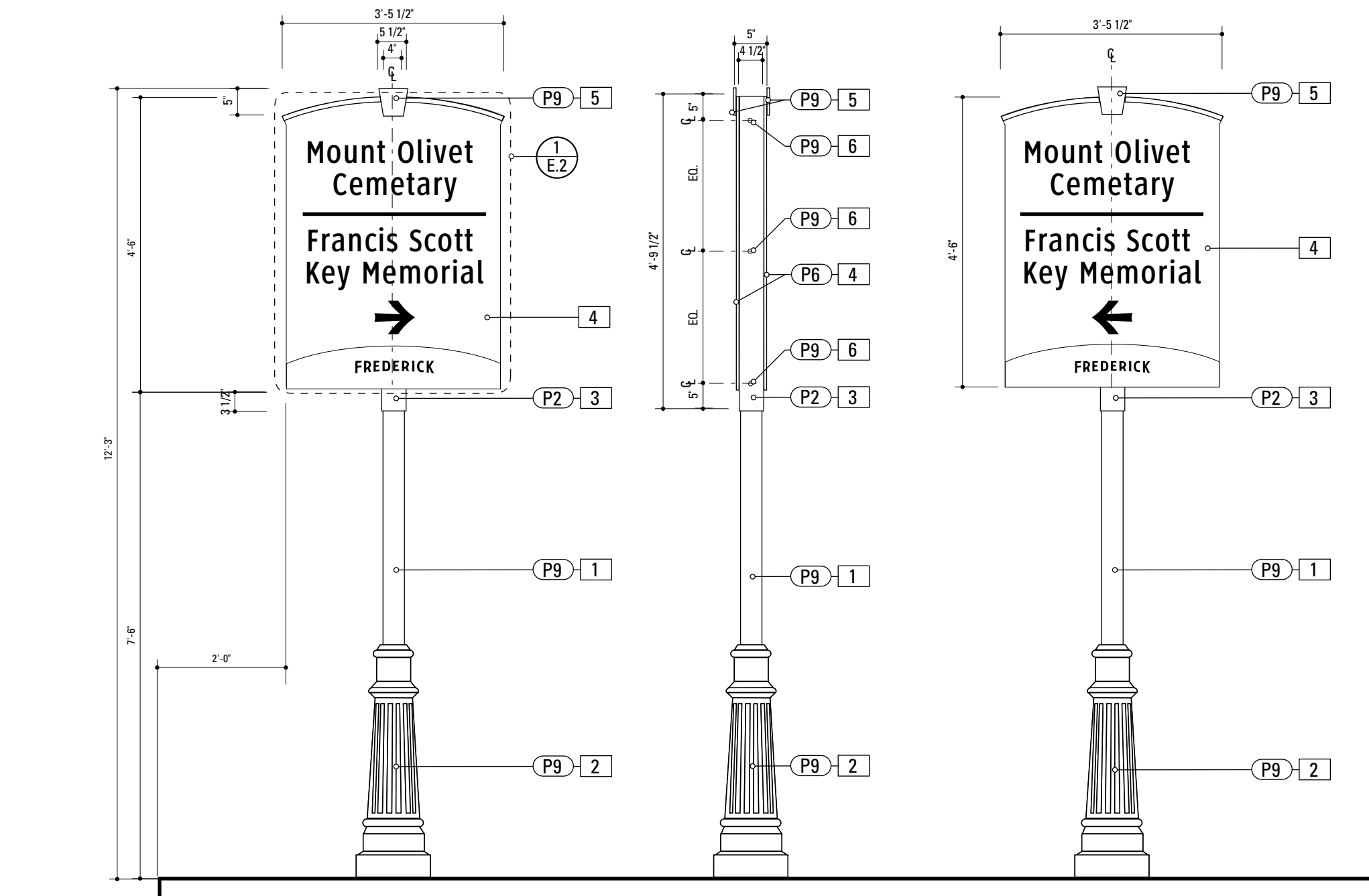
SHEET TITLE
DEST.1
District ID
 SHEET NO.
D.1



1 Front Elevation: DEST.1
 SCALE: 1/2" = 1'-0"

2 Side Elevation: DEST.1
 SCALE: 1/2" = 1'-0"

3 Back Elevation: DEST.1
 SCALE: 1/2" = 1'-0"



1 Front Elevation: DEST.2
SCALE: 1/2" = 1'-0"

2 Side Elevation: DEST.2
SCALE: 1/2" = 1'-0"

3 Back Elevation: DEST.2
SCALE: 1/2" = 1'-0"

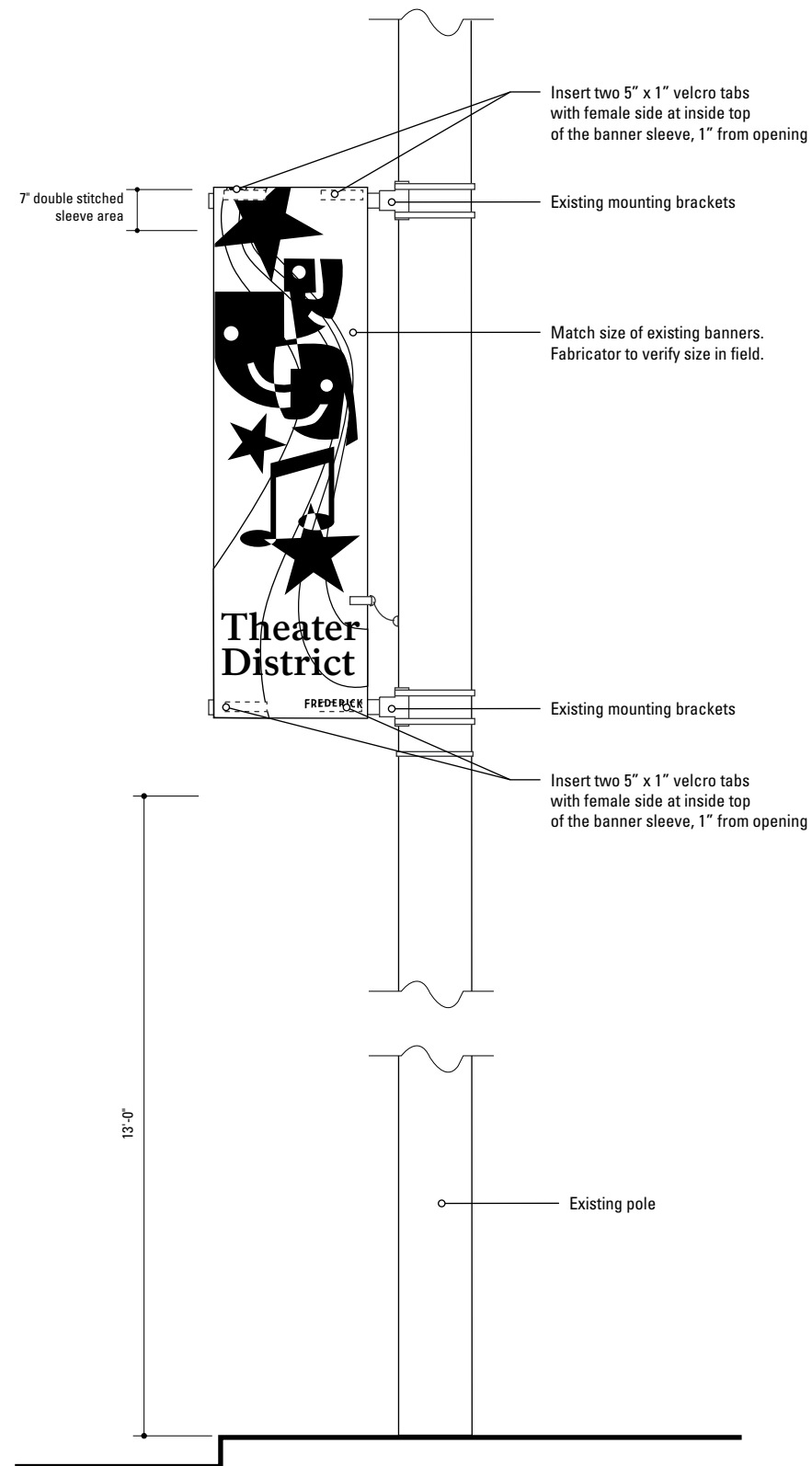
- 1. 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FOOTER: TRANSPO Break-safe or MDOT approved equal.
REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMHELL BASE**
PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
MATERIAL: 1/4" thk Aluminum square tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 5. KEYSTONE**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Chemical weld to sign panel
- 6. EXPOSED FASTENER**
PRODUCT: Heavy Hex Head Bolt
SIZE: As required
MATERIAL: Stainless Steel
FINISH: Painted
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces

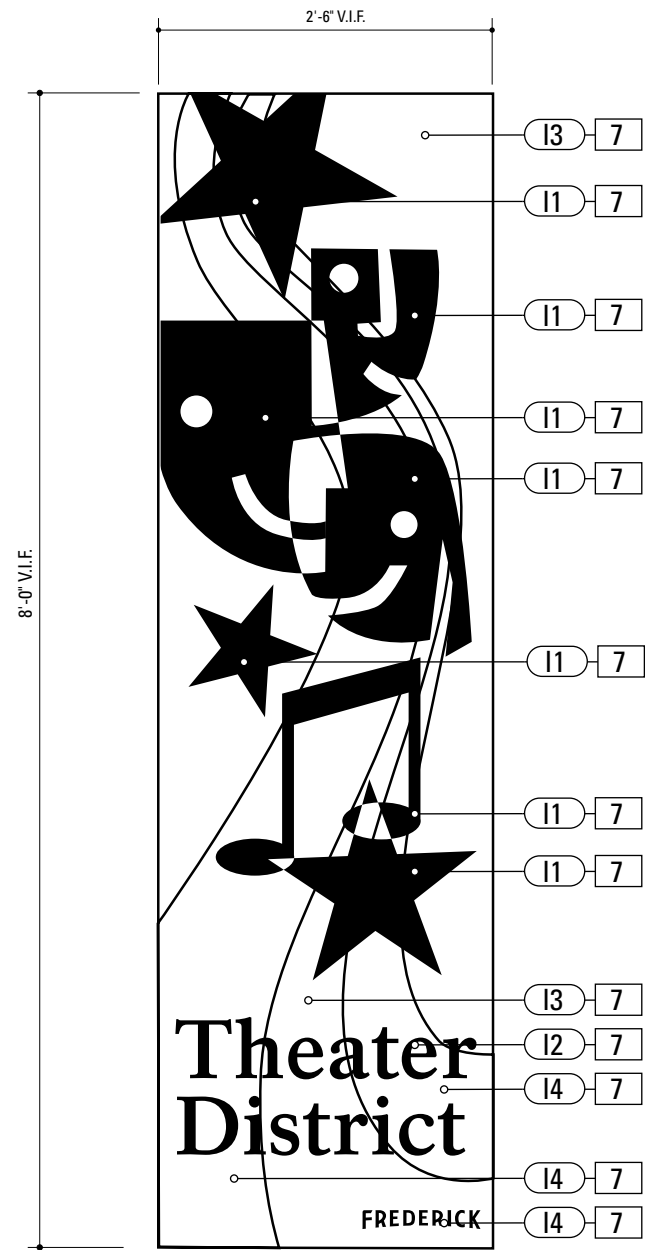
NOTES

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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.

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DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE
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REVISIONS		SHEET NO.
		D.2



1 Mounting Elevation: DIST.3
SCALE: 1/4" = 1'-0"



2 Graphic Detail: DIST.3
SCALE: 1/2" = 1'-0"

- 7. BANNER**
MATERIAL: Sunbrella Fabric / Fade-resistant nylon or approved equal
PRINTING: Screenprinted with UV Resistant Ink
FABRICATION: 2" pole pockets on top and bottom with 1" hem on each side, Insert two 5" x 1" velcro tabs with female side at inside top of the banner sleeve, 1" from opening
COLOR: custom, as noted

NOTES

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- 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.

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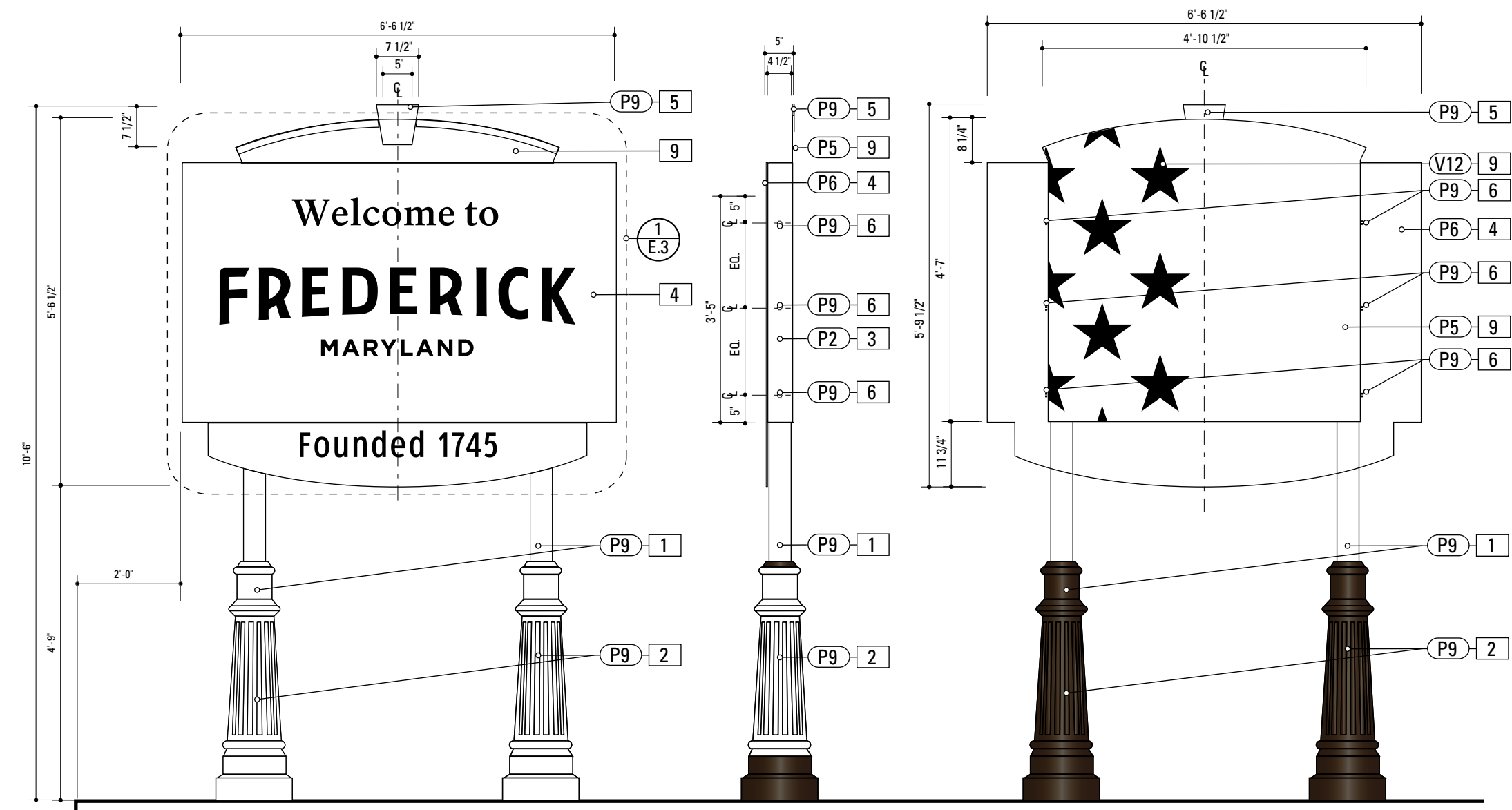
REVISIONS

SHEET TITLE

DIST.3
District ID-Banner

SHEET NO.

D.3



1 Front Elevation: GATE.1
SCALE: 1/2" = 1'-0"

2 Side Elevation: GATE.1
SCALE: 1/2" = 1'-0"

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

- 1. 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FOOTER: TRANSPO Break-safe or MDOT approved equal.
REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMSHELL BASE**
PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
MATERIAL: 1/4" thk Aluminum square tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 5. KEYSTONE**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Chemical weld to sign panel
- 6. EXPOSED FASTENER**
PRODUCT: Heavy Hex Head Bolt
SIZE: As required
MATERIAL: Stainless Steel
FINISH: Painted
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces

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

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		SHEET NO.
		D.4

- 1. 4" ROUND POLE**
 MATERIAL: 4" dia, 1/4" thick Aluminum round tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FOOTER: TRANSPO Break-safe or MDOT approved equal.
 REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMSHELL BASE**
 PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
 MATERIAL: 1/4" thk Aluminum square tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

 Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 5. KEYSTONE**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Chemical weld to sign panel
- 6. EXPOSED FASTENER**
 PRODUCT: Heavy Hex Head Bolt
 SIZE: As required
 MATERIAL: Stainless Steel
 FINISH: Painted
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces

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.

ENVIRONMENTS & EXPERIENCES

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The Widener Building, Suite 1500
 One South Penn Square
 Philadelphia, PA 19107
 T 215.599.4407 F 215.636.9989
 www.merjedesign.com

CLIENT / PROJECT

City of Frederick, MD
Wayfinding & Signage Program

PROJECT NO. Y41.07961.000

SUBCONSULTANT

SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

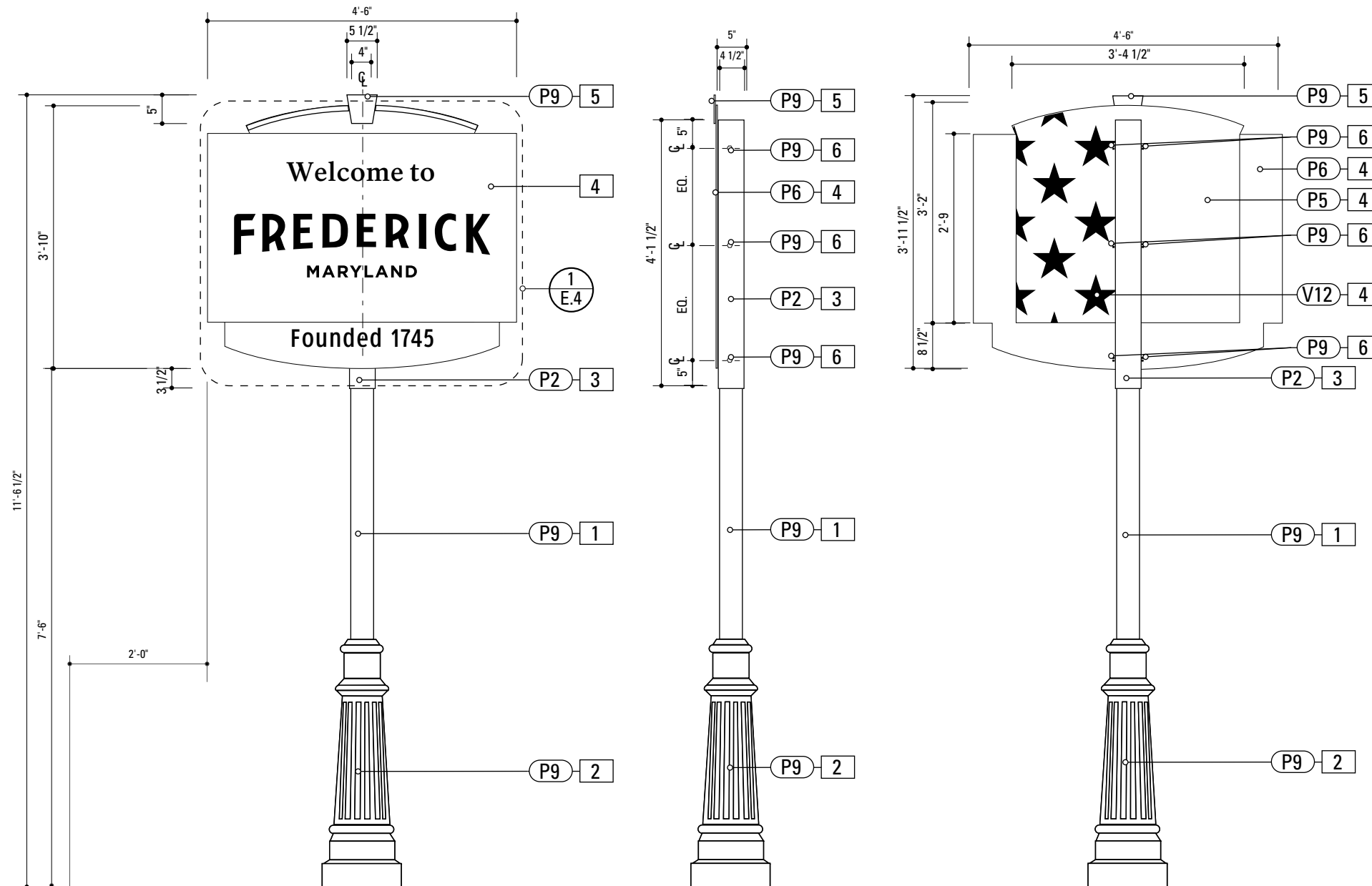
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions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

REVISIONS

GATE.2
City Gateway

SHEET NO.

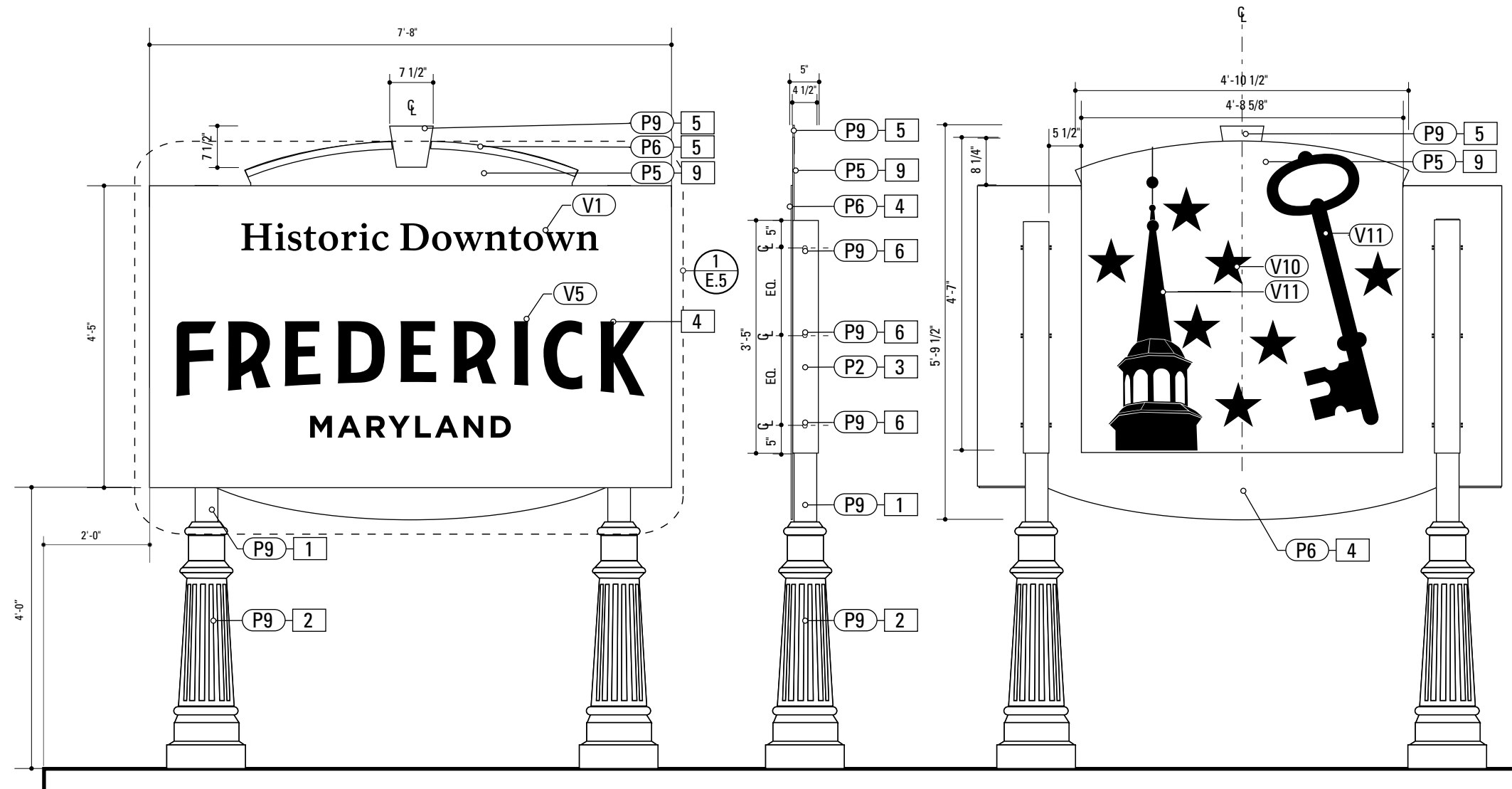
D.5



1 Front Elevation: GATE.2
 SCALE: 1/2" = 1'-0"

2 Side Elevation: GATE.2
 SCALE: 1/2" = 1'-0"

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



1 Front Elevation: GATE.11
SCALE: 1/2" = 1'-0"

2 Side Elevation: GATE.11
SCALE: 1/2" = 1'-0"

3 Rear Elevation: GATE.11
SCALE: 1/2" = 1'-0"

- 1. 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FOOTER: TRANSP0 Break-safe or MDOT approved equal.
REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMSHELL BASE**
PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
MATERIAL: 1/4" thk Aluminum square tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 5. KEYSTONE**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Chemical weld to sign panel
- 6. EXPOSED FASTENER**
PRODUCT: Heavy Hex Head Bolt
SIZE: As required
MATERIAL: Stainless Steel
FINISH: Painted
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces

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.

ENVIRONMENTS & EXPERIENCES

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Wayfinding & Signage
Program

PROJECT NO. Y41.07961.000

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SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

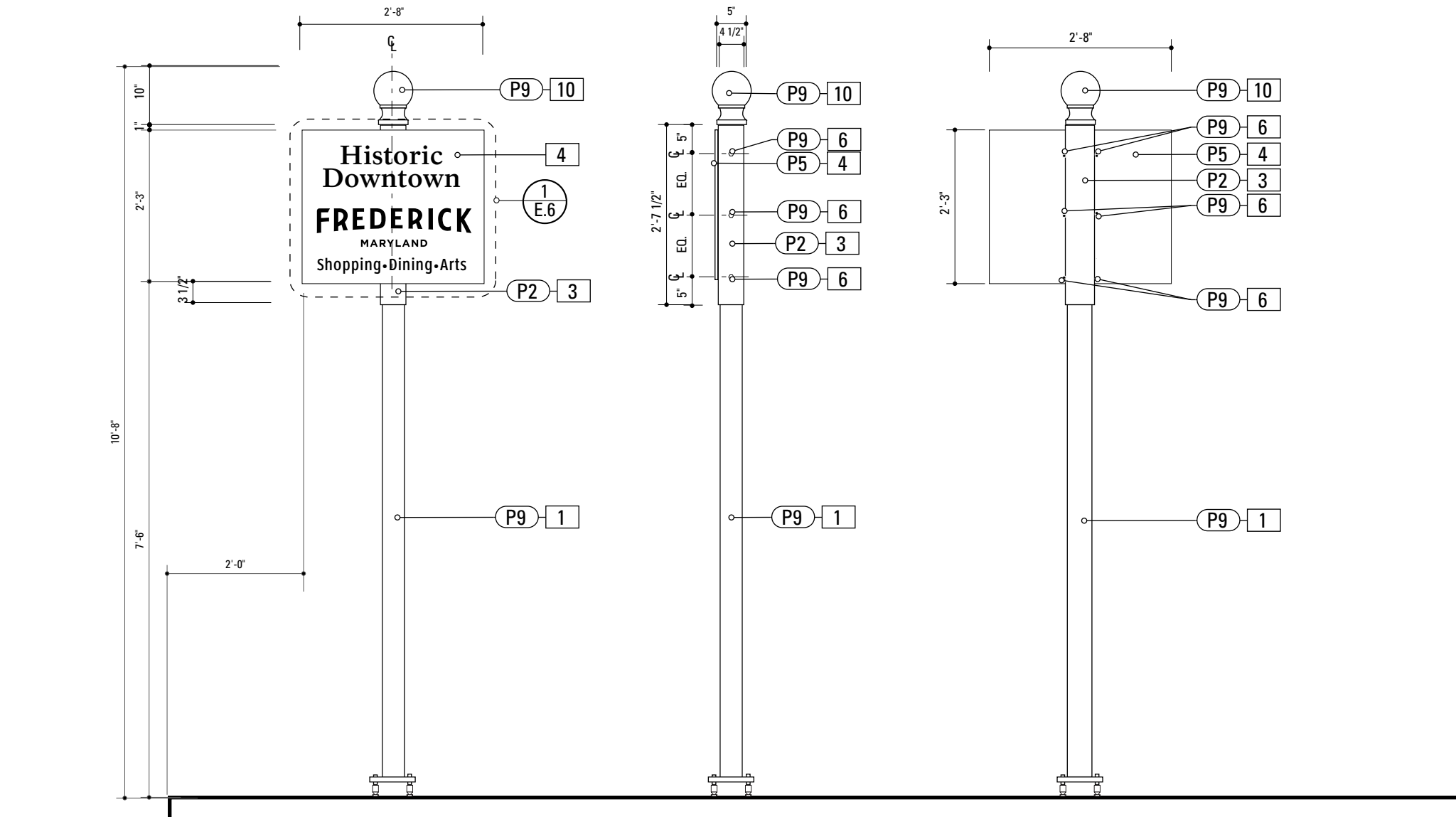
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions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

REVISIONS

GATE.11
Downtown ID

SHEET NO.

D.6



1 Front Elevation: GATE.12
SCALE: 1/2" = 1'-0"

2 Side Elevation: GATE.12
SCALE: 1/2" = 1'-0"

3 Back Elevation: GATE.12
SCALE: 1/2" = 1'-0"

- 1. 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FOOTER: TRANSPO Break-safe or MDDOT approved equal.
REFER TO SECTION G FOR FOOTERS

- 3. SLEEVE**
MATERIAL: 1/4" thk Aluminum square tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to pole

- 4. SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

- 6. EXPOSED FASTENER**
PRODUCT: Heavy Hex Head Bolt
SIZE: As required
MATERIAL: Stainless Steel
FINISH: Painted
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces

- 10. POLE CAP**
PRODUCT: Holophane Small Post Cap, Finial BF or approved equal
MATERIAL: Cast Aluminum
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to 4" pole

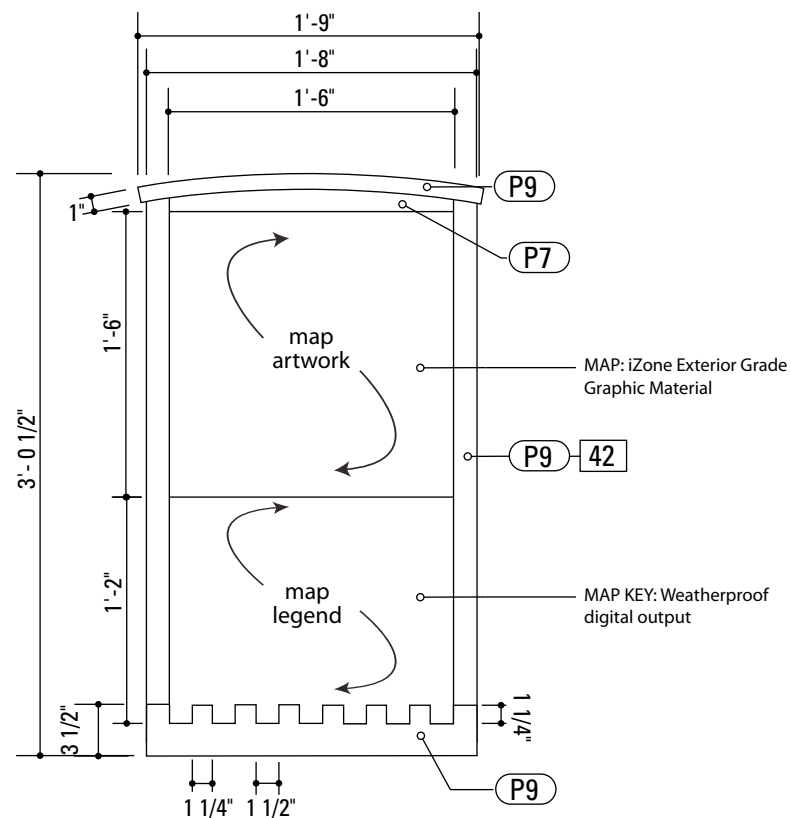
NOTES

- 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.

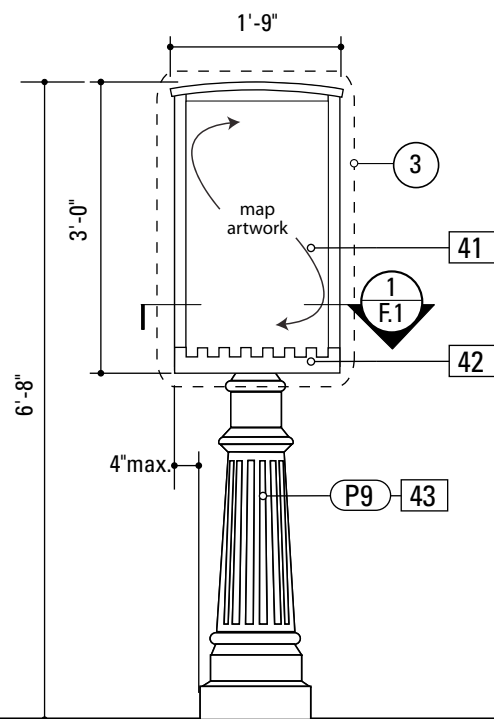
ENVIRONMENTS & EXPERIENCES 		The Widener Building, Suite 1500 One South Penn Square Philadelphia, PA 19107 T 215.599.4407 F 215.636.9989 www.merjedesign.com	CLIENT / PROJECT City of Frederick, MD Wayfinding & Signage Program
SUBCONSULTANT		PROJECT NO. Y41.07961.000	
DATE 12/17/2008	DRAWN BY: GS/KG/KB	GATE.12 Downtown ID	
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET TITLE	
REVISIONS		D.7	
SHEET NO.		SHEET NO.	

KIOSK.1 Content

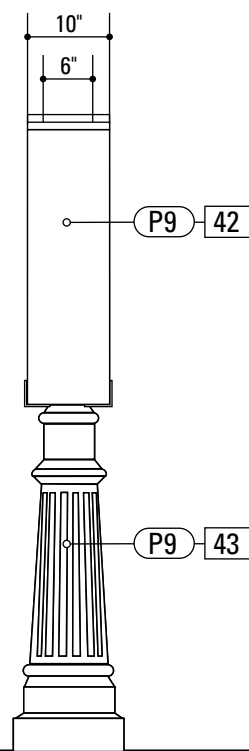
Side A	Regional Map
Side B	Downtown Map
Side Alt	Interpretive Panel



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



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



2 Side Elevation: KIOSK.1
SCALE: 1/2" = 1'-0"

SPECIFICATIONS **SIGN TYPE:** KIOSK.1 **FUNCTION:** Pedestrian Kiosk

41. SIGN PANEL (TOP) SECTION

PRODUCT NAME: IZONE, 2526 Charter Oak Drive, Suite 100, Temple, Texas 76502-4844
(888) 464-9663 toll free <http://www.izoneimaging.com>
email: info@izoneimaging.com
PRODUCT: DIGITAL HIGH PRESSURE PHENOLIC LAMINATE
GRADE: EXTERIOR
GRAPHIC APPROVAL SAMPLES: Submit 9 in x 15 in phenolic sample of section of typical project panel for approval of image quality and color fidelity.
WARRANTY PERIOD: Ten years from product ship date.
THICKNESS: 1/8 inch
FINISH: UV inhibiting top layer and compatible spray coating.
MOUNTING: Mechanical Mounting to display fixture by others.

SIGN PANEL (BOTTOM) SECTION

PRODUCT NAME: 3M Controltac Scotchprint
PRODUCT: DIGITAL FILM
GRADE: EXTERIOR
GRAPHIC APPROVAL SAMPLES: Submit 9 in x 15 section of typical project panel for approval of image quality and color fidelity.
WARRANTY PERIOD: 3 years from product ship date.
FINISH: UV inhibiting top layer and compatible anti graffiti spray coating.
MOUNTING: Pressure applied to 1/8" aluminum substrate

42. FABRICATED BOX

MATERIAL: 1/8" Thk. Alum.
FABRICATION PROCESS: Custom
FASTNER: Mechanically fastened and welded to Post and Decorative Base
SURFACE PROCESS: Paint all exposed surfaces
EDGES: Routed, finished smooth
COLOR: Custom as noted

43. DECORATIVE CLAMSHELL BASE

PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened around 4" pole and Sign Cabinet

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.

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CLIENT / PROJECT

**City of Frederick, MD
Wayfinding & Signage
Program**

PROJECT NO. Y41.07961.000

SUBCONSULTANT

SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

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REVISIONS

**KIOSK.1
Pedestrian Kiosk**

SHEET NO.

D.8

4. SIGN PANEL

MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

41. SIGN PANEL (TOP) SECTION

PRODUCT NAME: IZONE, 2526 Charter Oak Drive, Suite 100, Temple, Texas 76502-4844
 (888) 464-9663 toll free <http://www.izoneimaging.com>
 email: info@izoneimaging.com
 PRODUCT: DIGITAL HIGH PRESSURE PHENOLIC LAMINATE
 GRADE: EXTERIOR
 GRAPHIC APPROVAL SAMPLES: Submit 9 in x 15 in phenolic sample of section of typical project panel for approval of image quality and color fidelity.
 WARRANTY PERIOD: Ten years from product ship date.
 THICKNESS: 1/8 inch
 FINISH: UV inhibiting top layer and compatible spray coating.
 MOUNTING: Mechanical Mounting to display fixture by others.

SIGN PANEL (BOTTOM) SECTION

PRODUCT NAME: 3M Controltac Scotchprint
 PRODUCT: DIGITAL FILM
 GRADE: EXTERIOR
 GRAPHIC APPROVAL SAMPLES: Submit 9 in x 15 in section of typical project panel for approval of image quality and color fidelity.
 WARRANTY PERIOD: 3 years from product ship date.
 FINISH: UV inhibiting top layer and compatible anti graffiti spray coating.
 MOUNTING: Pressure applied to 1/8" aluminum substrate

44. FABRICATED SIGN BACKER

MATERIAL: 1/4" Thk. Alum.
 FABRICATION PROCESS: Custom-Router to accept Sign Panel
 FASTNER: Mechanically fastened/Silicone to Wall Surface
 SURFACE PROCESS: Paint all exposed surfaces
 EDGES: Routed, finished smooth
 COLOR: Custom as noted

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.

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DRAWN BY: GS/KG/KB

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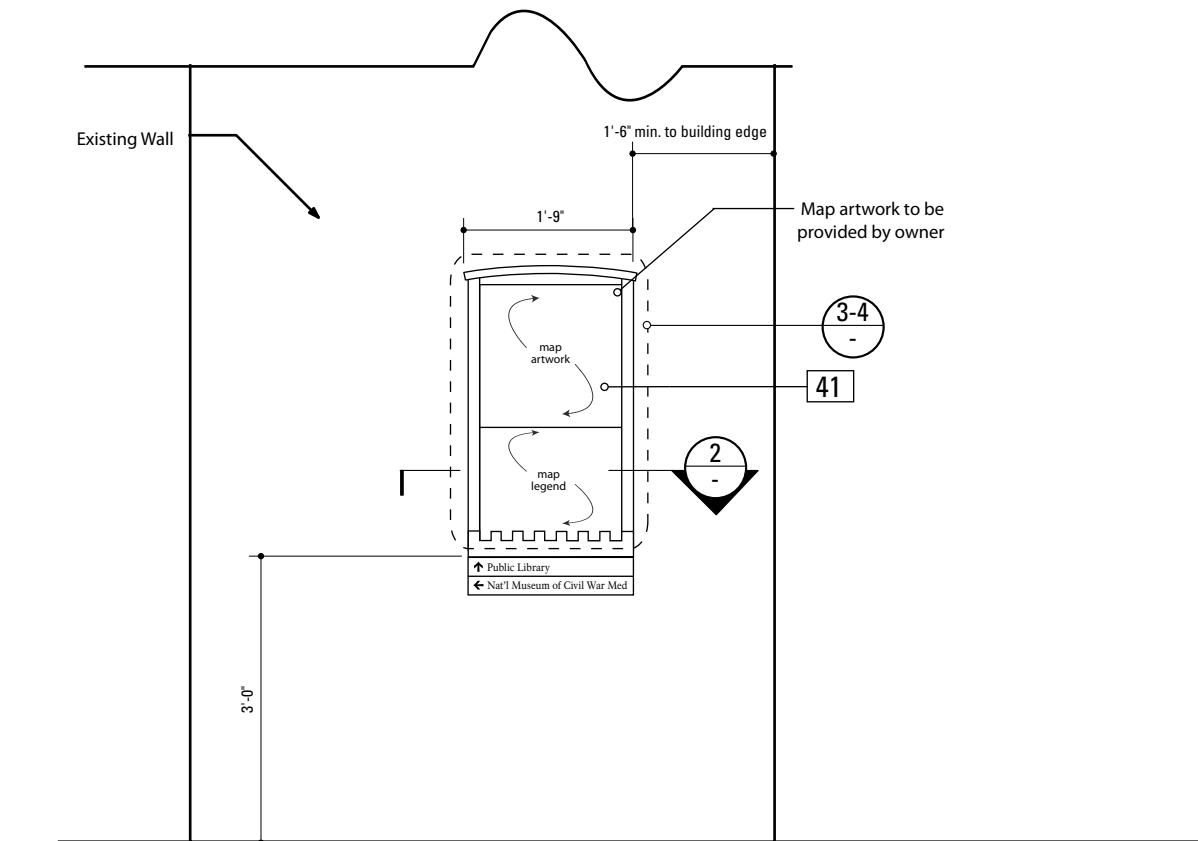
REVISIONS

SHEET TITLE

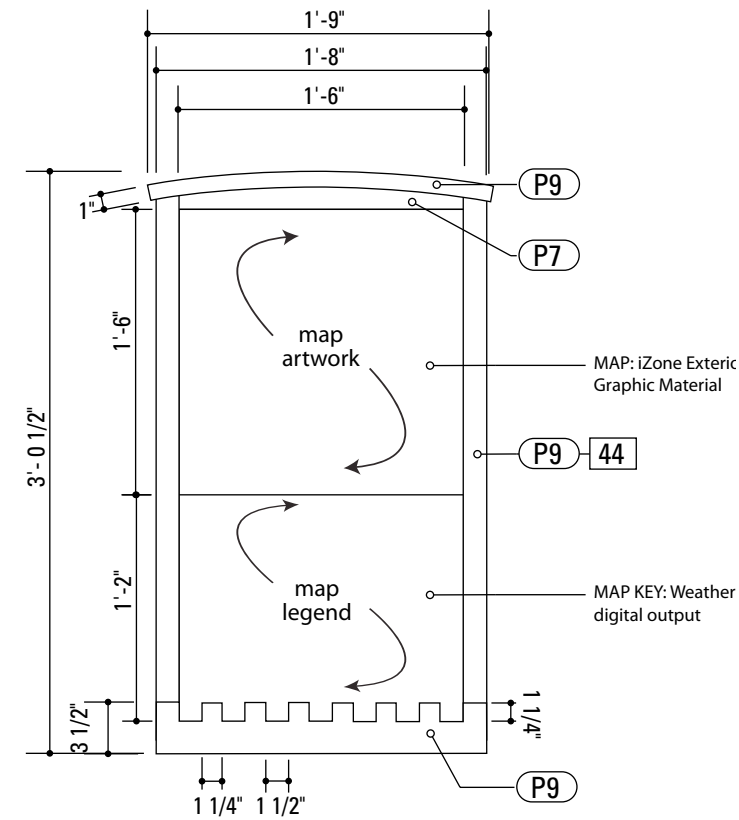
KIOSK.2
Pedestrian Kiosk

SHEET NO.

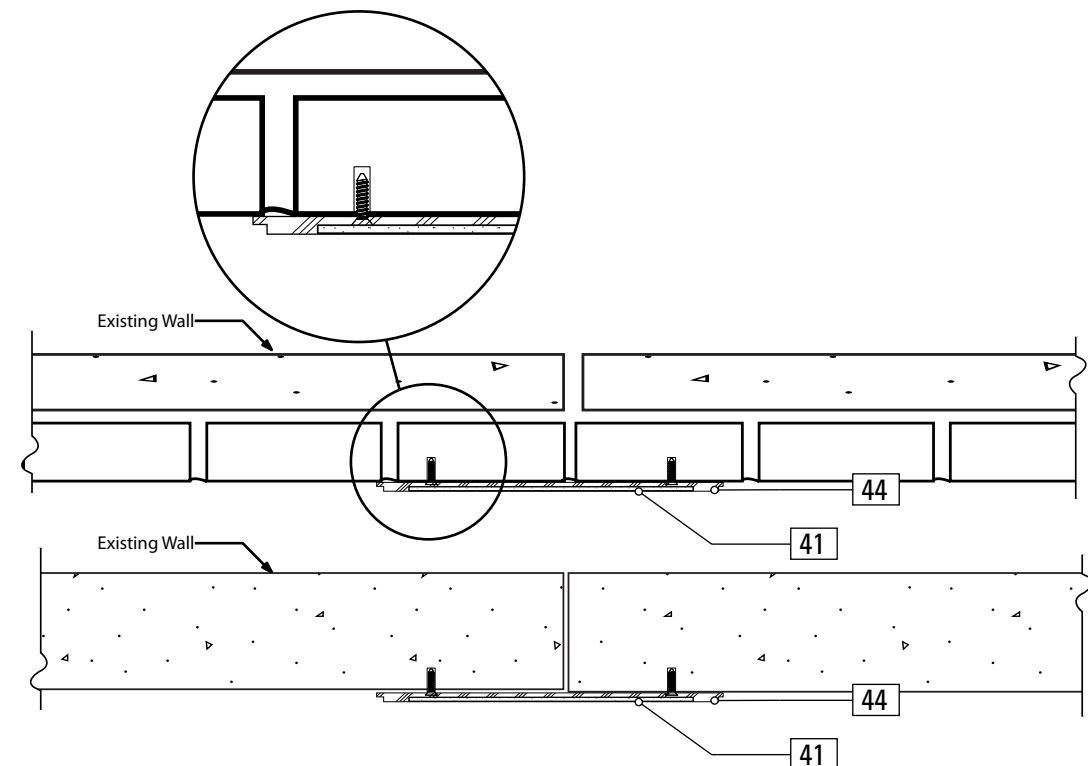
D.9



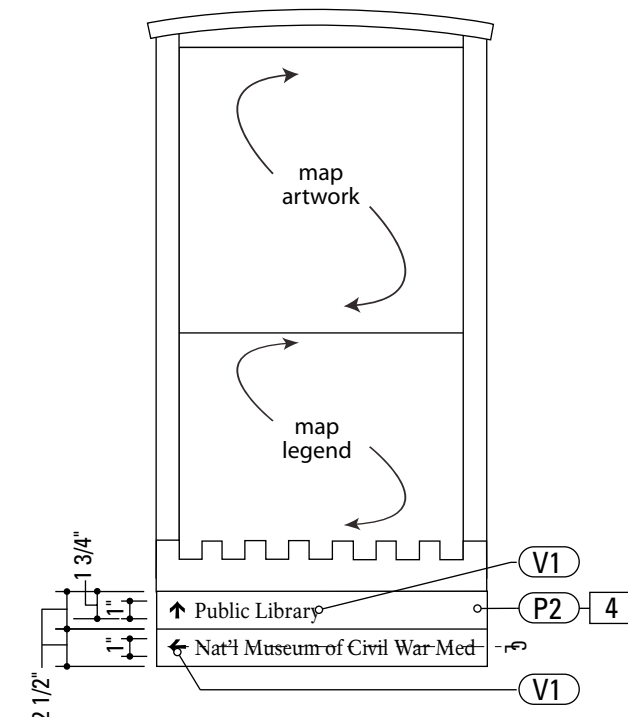
1 Front Elevation: KIOSK.2.1-2.2
 SCALE: 1/2" = 1'-0"



3 Graphic Layout: KIOSK.2.1
 SCALE: 1" = 1'-0"



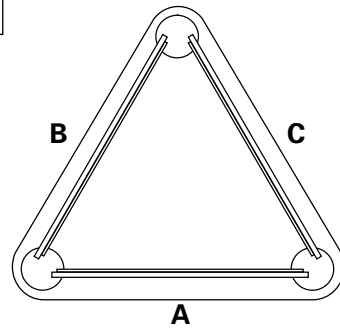
2 Section: KIOSK.2
 SCALE: 1" = 1'-0"



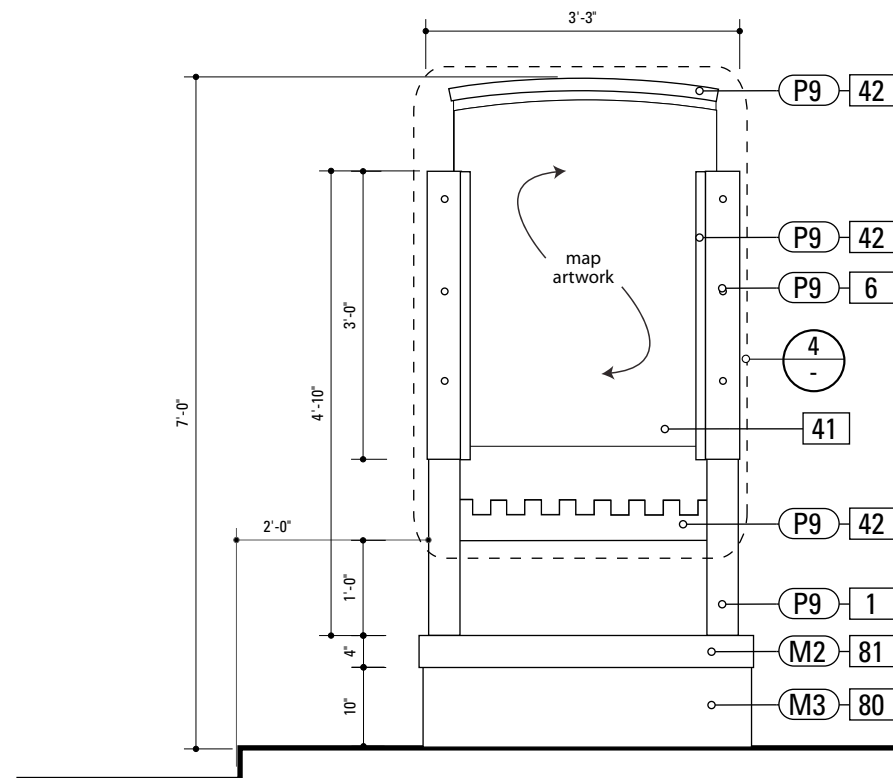
4 Alternate Graphic Layout: KIOSK.2.2
 SCALE: 1" = 1'-0"

KIOSK.3 Content

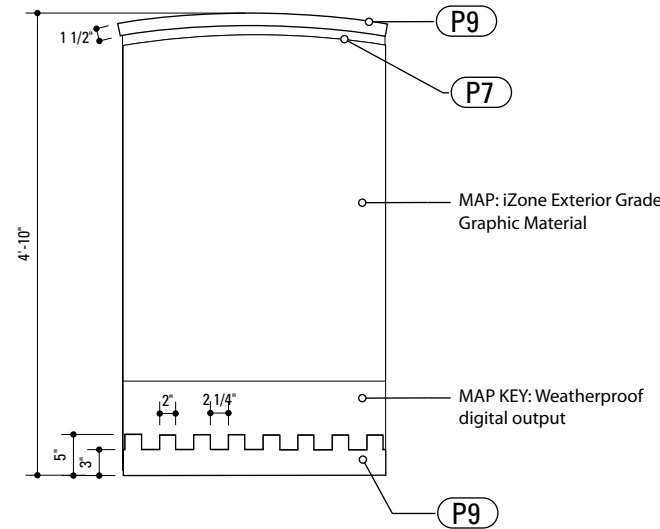
Side A	Regional Map
Side B	Downtown Map
Side C	Interpretive Panel
Side Alt	Bulletin Board



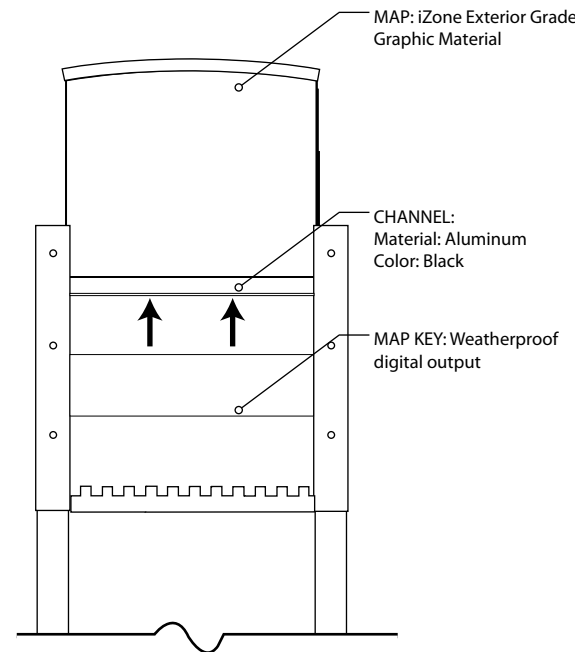
3 Top View: KIOSK.3
SCALE: 1/2" = 1'-0"



1 Front Elevation: KIOSK.3
SCALE: 1/2" = 1'-0"



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



2 Alternate: KIOSK.3
SCALE: 1/2" = 1'-0"

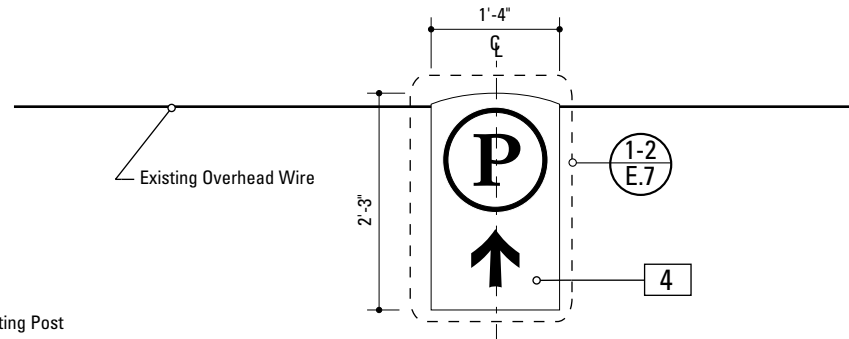
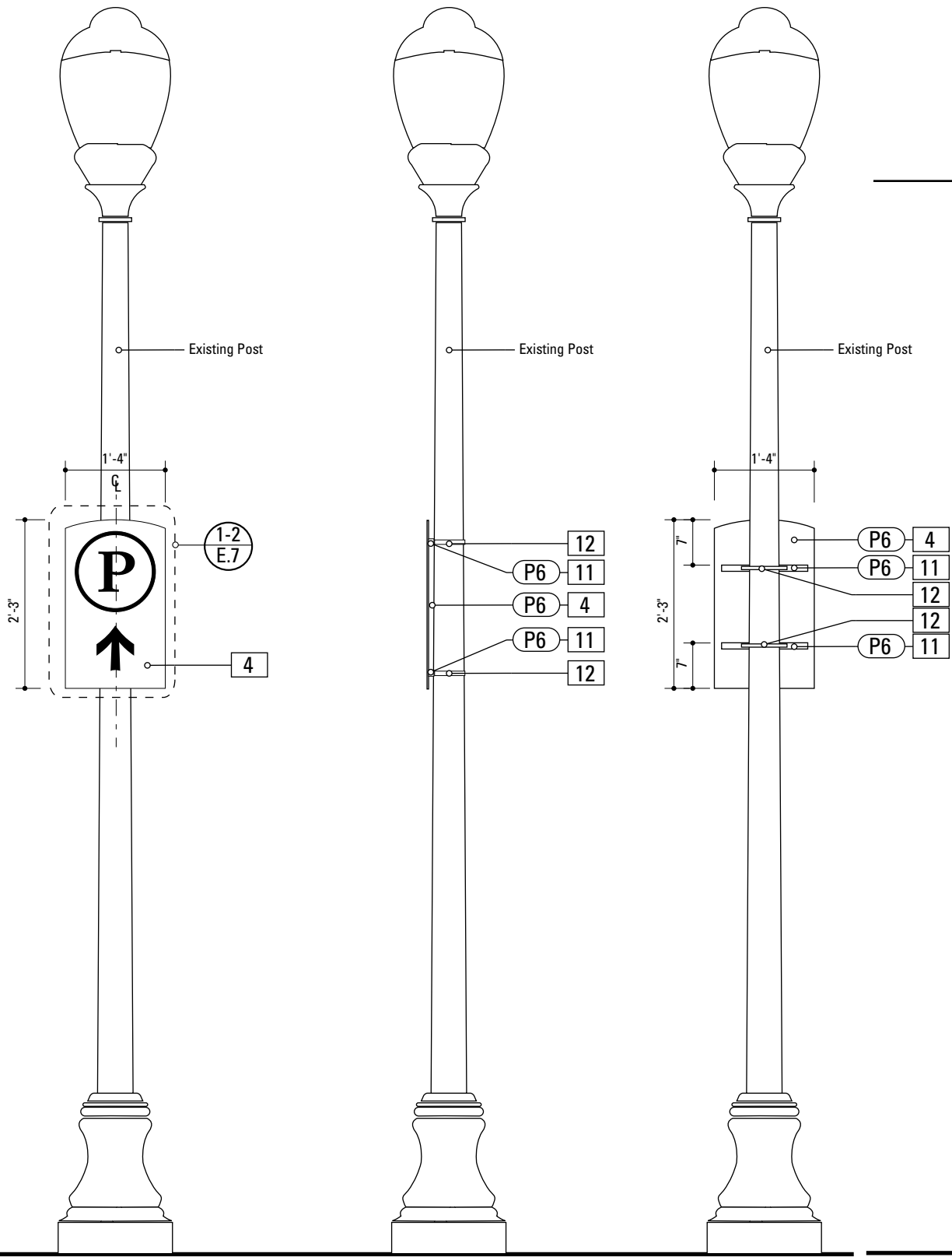
SPECIFICATIONS SIGN TYPE: KIOSK.3 FUNCTION: Pedestrian Kiosk

- 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
 - 80. BRICK BASE**
MATERIAL: Cinderblock base and brick to match streetscape Standard plan or approved equal
FABRICATION PROCESS: Cinderblock base, clad in brick
EDGES: Square
CORNERS: Square
COLOR: Brick
FOOTER: Direct Burial/J-Bolt
 - 81. STONE ACCENT HEADER**
MATERIAL: Stone to match streetscape Standard plan or approved equal
FABRICATION PROCESS: Cinderblock base, clad in brick
EDGES: Square
CORNERS: Square
COLOR: Stone
FASTENER: Fabricator Recommended to brick base
 - SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve
 - SIGN PANEL (TOP) SECTION**
PRODUCT NAME: IZONE, 2526 Charter Oak Drive, Suite 100, Temple, Texas 76502-4844
(888) 464-9663 toll free <http://www.izoneimaging.com>
email: info@izoneimaging.com
PRODUCT: DIGITAL HIGH PRESSURE PHENOLIC LAMINATE
GRADE: EXTERIOR
GRAPHIC APPROVAL SAMPLES: Submit 9 in x 15 in phenolic sample of section of typical project panel for approval of image quality and color fidelity.
WARRANTY PERIOD: Ten years from product ship date.
THICKNESS: 1/8 inch
FINISH: UV inhibiting top layer and compatible spray coating.
MOUNTING: Mechanical Mounting to display fixture by others.
 - SIGN PANEL (BOTTOM) SECTION**
PRODUCT NAME: 3M Controltac Scotchprint
PRODUCT: DIGITAL FILM
GRADE: EXTERIOR
GRAPHIC APPROVAL SAMPLES: Submit 9 in x 15 section of typical project panel for approval of image quality and color fidelity.
WARRANTY PERIOD: 3 years from product ship date.
FINISH: UV inhibiting top layer and compatible anti graffiti spray coating.
MOUNTING: Pressure applied to 1/8" aluminum substrate
 - FABRICATED BOX**
MATERIAL: 1/8" Thk. Alum.
FABRICATION PROCESS: Custom
FASTNER: Mechanically fastened and welded to Post and Decorative Base
SURFACE PROCESS: Paint all exposed surfaces
- Edges: Routed, finished smooth
Color: Custom as noted
- Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

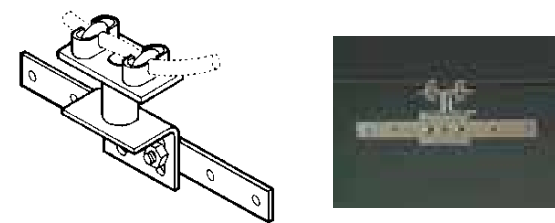
- NOTES**
- Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 - Welds: All welds shall be ground smooth, paint all seams.
 - Hardware: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

<p>ENVIRONMENTS & EXPERIENCES</p> <p>merje</p> <p>The Widener Building, Suite 1500 One South Penn Square Philadelphia, PA 19107 T 215.599.4407 F 215.636.9989 www.merjedesign.com</p>		<p>CLIENT / PROJECT</p> <p>City of Frederick, MD Wayfinding & Signage Program</p>
<p>SUBCONSULTANT</p>		<p>PROJECT NO. Y41.07961.000</p>
<p>DATE 12/17/2008</p>	<p>DRAWN BY: GS/KG/KB</p>	<p>SHEET TITLE</p> <p>KIOSK.3 Pedestrian Kiosk</p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		
<p>REVISIONS</p>		<p>SHEET NO.</p> <p>D.10</p>

- 4. SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve
- Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 11. SUPPORT CHANNEL EXTRUSION**
 PRODUCT: SignFix-SX0090 Larger Corner Angle Extrusion
 MATERIAL: Aluminum
 FABRICATION PROCESS: Extruded
 FINISH: Standard
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: River to Sign Panel
- 12. BUCKLE BRACKET**
 PRODUCT: BAND-IT Band
 MATERIAL: Type 201 SS
 SIZE: 1/2"
 COLOR: Match existing pole
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Universal Channel Clamp SignFix SX0220



4 Front Elevation: PARK.1.2
 SCALE: 1/2" = 1'-0"



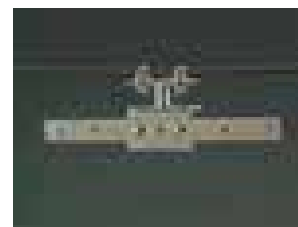
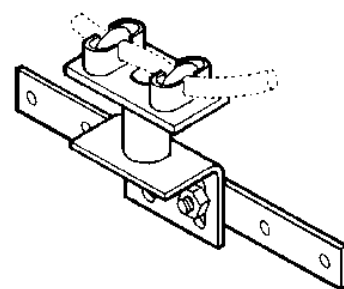
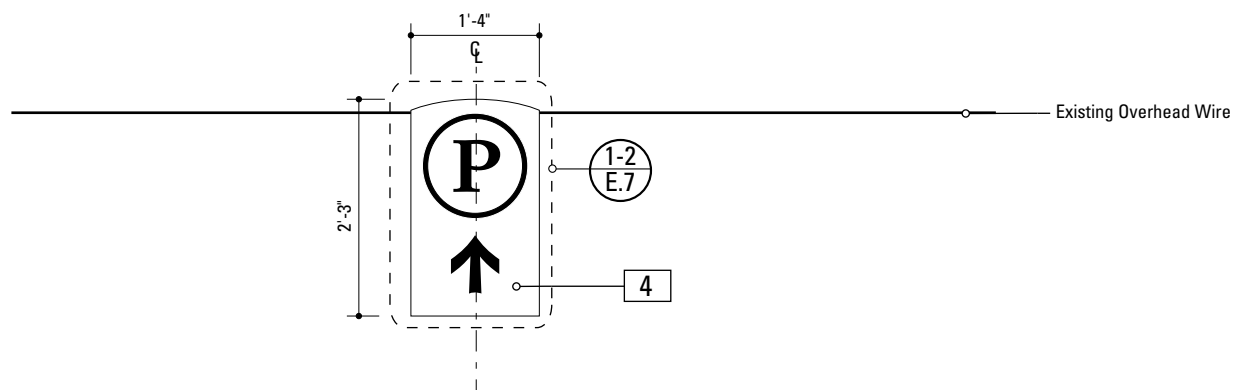
TAPCON BRAND Overhead Mounting Bracket, COM-77 (37-77)
 For overhead cables. Heavy-duty, steel-plated and aluminum. Bracket swivels to any angle and adjusts to compensate for tilt. For cables 1/4" to 3/8" and any size sign. All hardware included.

5 Mounting Bracket: PARK.1.2
 SCALE: N/A

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

- 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.
 - 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.

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		City of Frederick, MD Wayfinding & Signage Program
SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE
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		SHEET NO.
		D.11



Overhead Mounting Bracket, COM-77 (37-77)

For overhead cables. Heavy-duty, steel-plated and aluminum. Bracket swivels to any angle and adjusts to compensate for tilt. For cables 1/4" to 3/8" and any size sign. All hardware included.

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

2 Mounting Bracket: PARK.1.2
SCALE: N/A

SPECIFICATIONS **SIGN TYPE:** PARK.1.2 **FUNCTION:** Parking Trailblazer

- 1. 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FOOTER: TRANSPO Break-safe or MDOT approved equal.
REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMSHELL BASE**
PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
MATERIAL: 1/4" thk Aluminum square tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 6. EXPOSED FASTENER**
PRODUCT: Heavy Hex Head Bolt
SIZE: As required
MATERIAL: Stainless Steel
FINISH: Painted
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces

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.

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CLIENT / PROJECT
City of Frederick, MD
Wayfinding & Signage Program

PROJECT NO. Y41.07961.000

SUBCONSULTANT

DATE 12/17/2008 DRAWN BY: GS/KG/KB

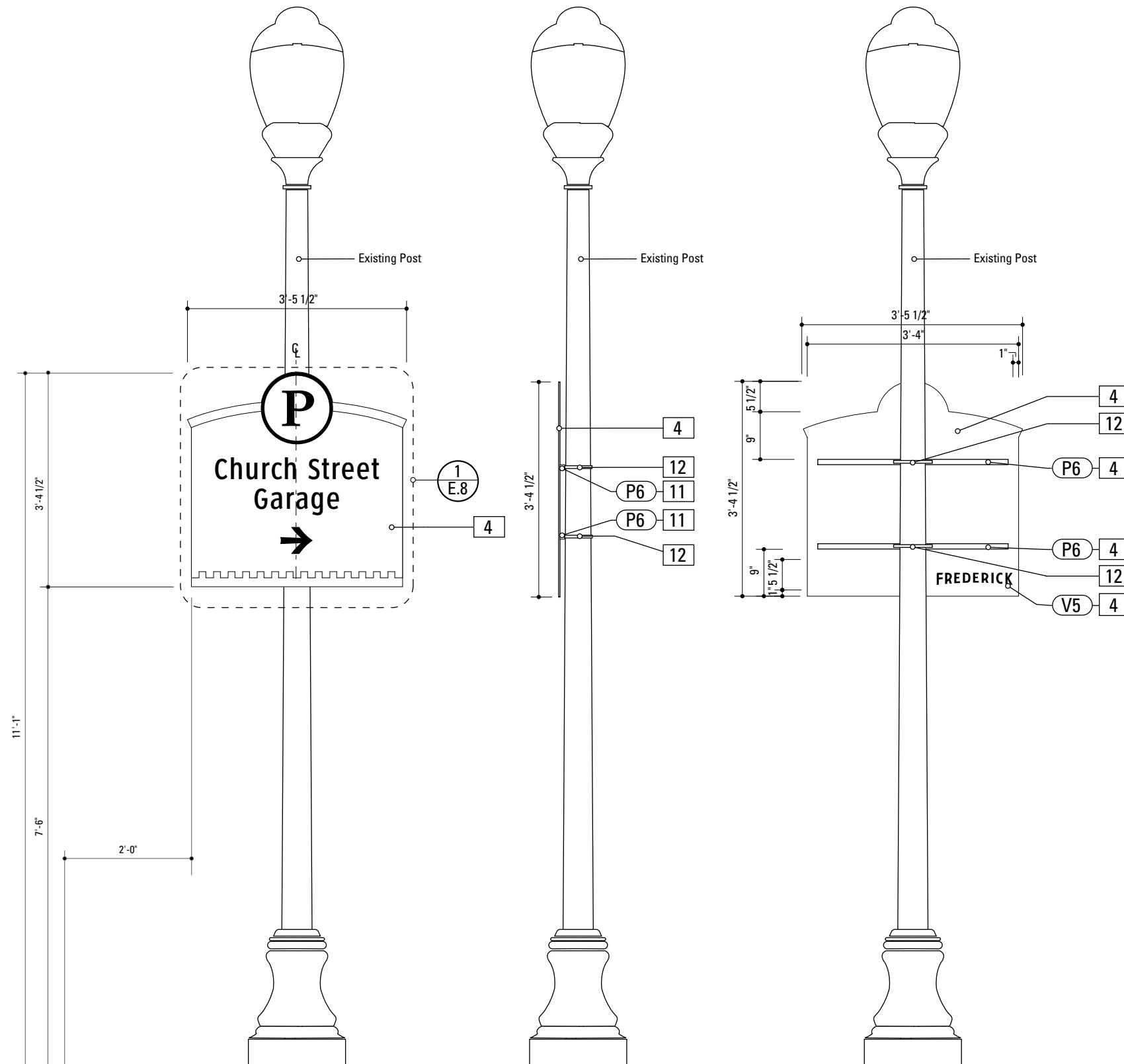
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REVISIONS

SHEET TITLE
PARK.1.2
Parking Directional

SHEET NO.
D.12

- 4. SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve
- Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 11. SUPPORT CHANNEL EXTRUSION**
 PRODUCT: SignFix-SX0090 Larger Corner Angle Extrusion
 MATERIAL: Aluminum
 FABRICATION PROCESS: Extruded
 FINISH: Standard
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Rivet to Sign Panel
- 12. BUCKLE BRACKET**
 PRODUCT: BAND-IT Band
 MATERIAL: Type 201 SS
 SIZE: 1/2"
 COLOR: Match existing pole
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Universal Channel Clamp SignFix SX0220



1 Front Elevation: PARK.2.1
 SCALE: 1/2" = 1'-0"

2 Side Elevation: PARK.2.1
 SCALE: 1/2" = 1'-0"

3 Back Elevation: PARK.2.1
 SCALE: 1/2" = 1'-0"

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. 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.

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SHEET TITLE

DATE 12/17/2008

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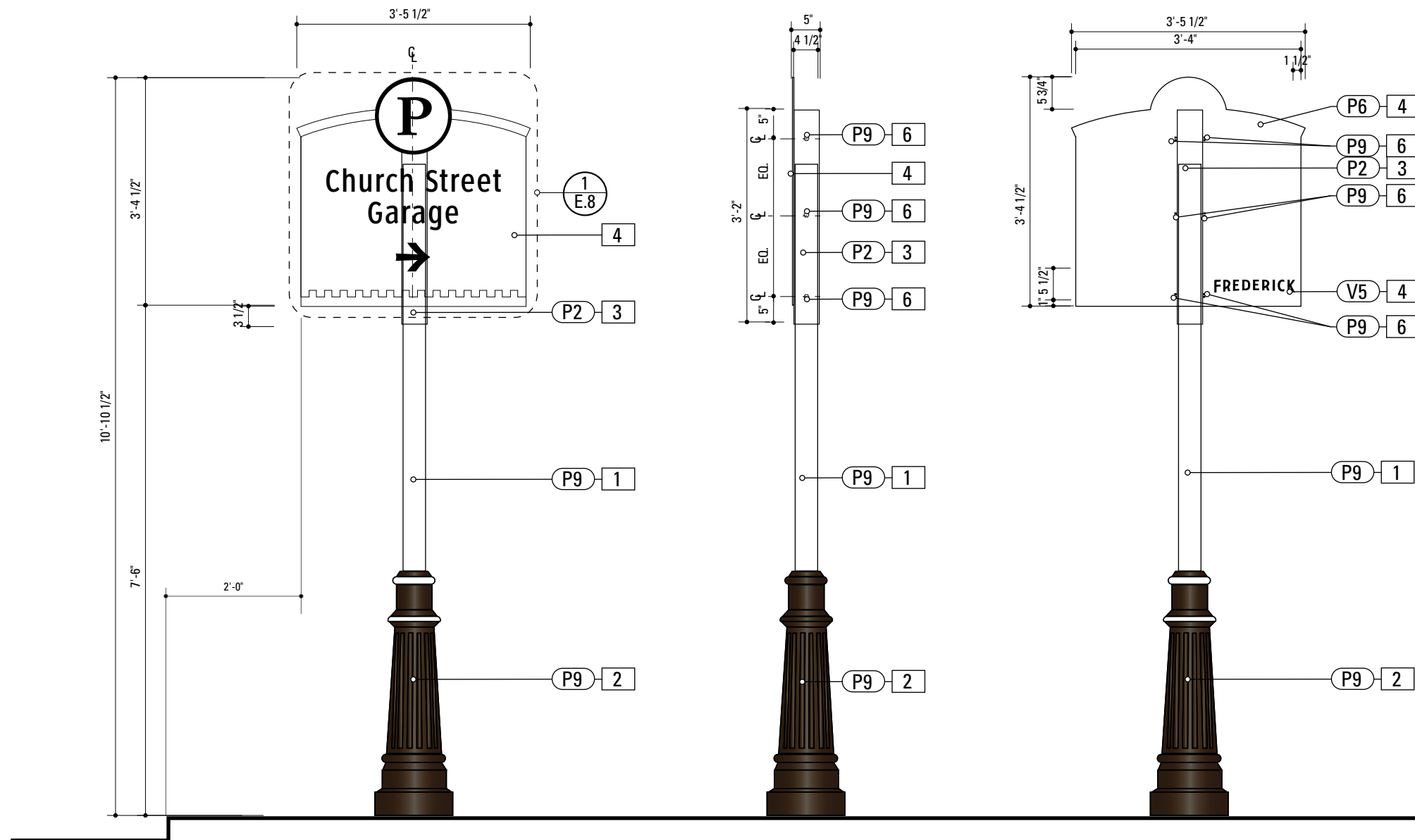
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REVISIONS

PARK.2
Parking Directional

SHEET NO.

D.13



1 Front Elevation: PARK.2.2
SCALE: 1/2" = 1'-0"

2 Side Elevation: PARK.2.2
SCALE: 1/2" = 1'-0"

3 Back Elevation: PARK.2.2
SCALE: 1/2" = 1'-0"

- 1. 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FOOTER: TRANSPO Break-safe or MDOT approved equal.
REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMSHELL BASE**
PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
MATERIAL: 1/4" thk Aluminum square tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 6. EXPOSED FASTENER**
PRODUCT: Heavy Hex Head Bolt
SIZE: As required
MATERIAL: Stainless Steel
FINISH: Painted
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces

- 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.

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SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE PARK.2.2 Parking Directional
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REVISIONS		SHEET NO. D.14

1. **4" ROUND POLE**
 MATERIAL: 4" dia, 1/4" thick Aluminum round tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FOOTER: TRANSPO Break-safe or MDOT approved equal.
 REFER TO SECTION G FOR FOOTERS
2. **DECORATIVE CLAMSHELL BASE**
 PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened around 4" pole
3. **SLEEVE**
 MATERIAL: 1/4" thk Aluminum square tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened to pole
4. **SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

 Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
6. **EXPOSED FASTENER**
 PRODUCT: Heavy Hex Head Bolt
 SIZE: As required
 MATERIAL: Stainless Steel
 FINISH: Painted
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces

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.

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Wayfinding & Signage Program

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SUBCONSULTANT

SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

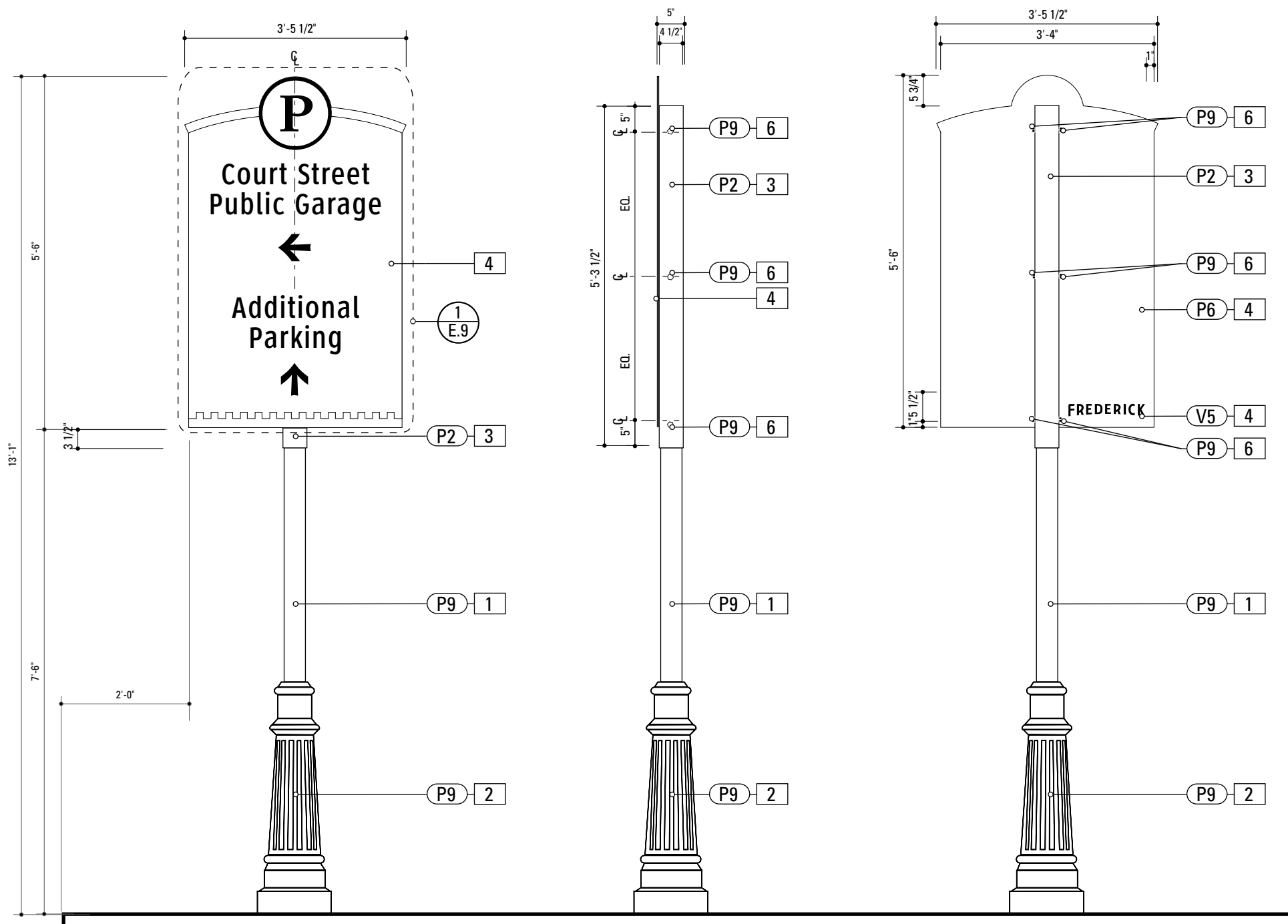
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REVISIONS

PARK.3.1
Parking Directional

SHEET NO.

D.15



1 Front Elevation: PARK.3.1
 SCALE: 1/2" = 1'-0"

2 Side Elevation: PARK.3.1
 SCALE: 1/2" = 1'-0"

3 Back Elevation: PARK.3.1
 SCALE: 1/2" = 1'-0"

1. **4" ROUND POLE**
 MATERIAL: 4" dia, 1/4" thick Aluminum round tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FOOTER: TRANSPO Break-safe or MDOT approved equal.
 REFER TO SECTION G FOR FOOTERS
2. **DECORATIVE CLAMHELL BASE**
 PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened around 4" pole
3. **SLEEVE**
 MATERIAL: 1/4" thk Aluminum square tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened to pole
4. **SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

 Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
6. **EXPOSED FASTENER**
 PRODUCT: Heavy Hex Head Bolt
 SIZE: As required
 MATERIAL: Stainless Steel
 FINISH: Painted
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces

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.

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SHEET TITLE

DATE 12/17/2008

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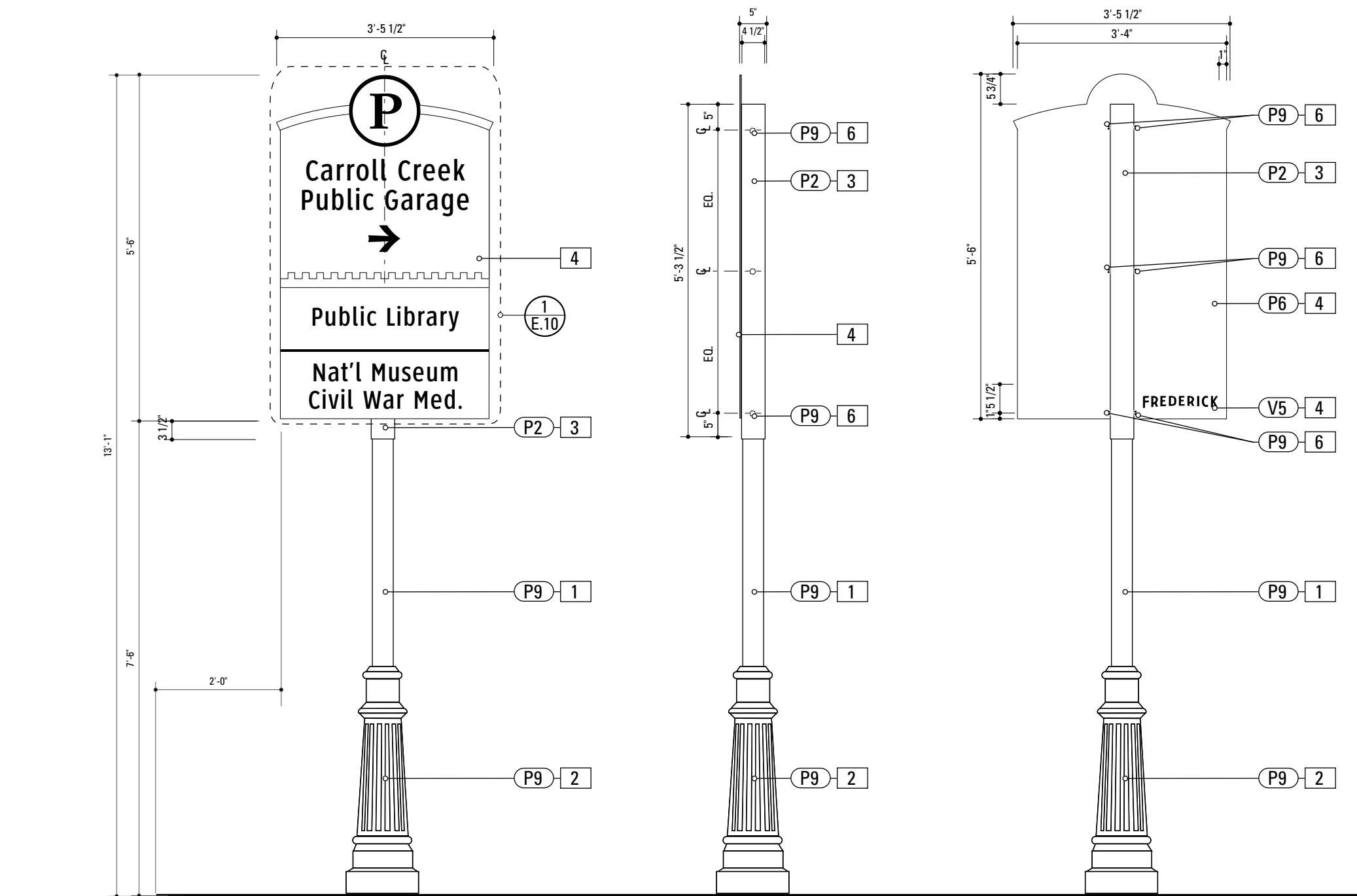
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REVISIONS

PARK.3.2
Parking Directional

SHEET NO.

D.16



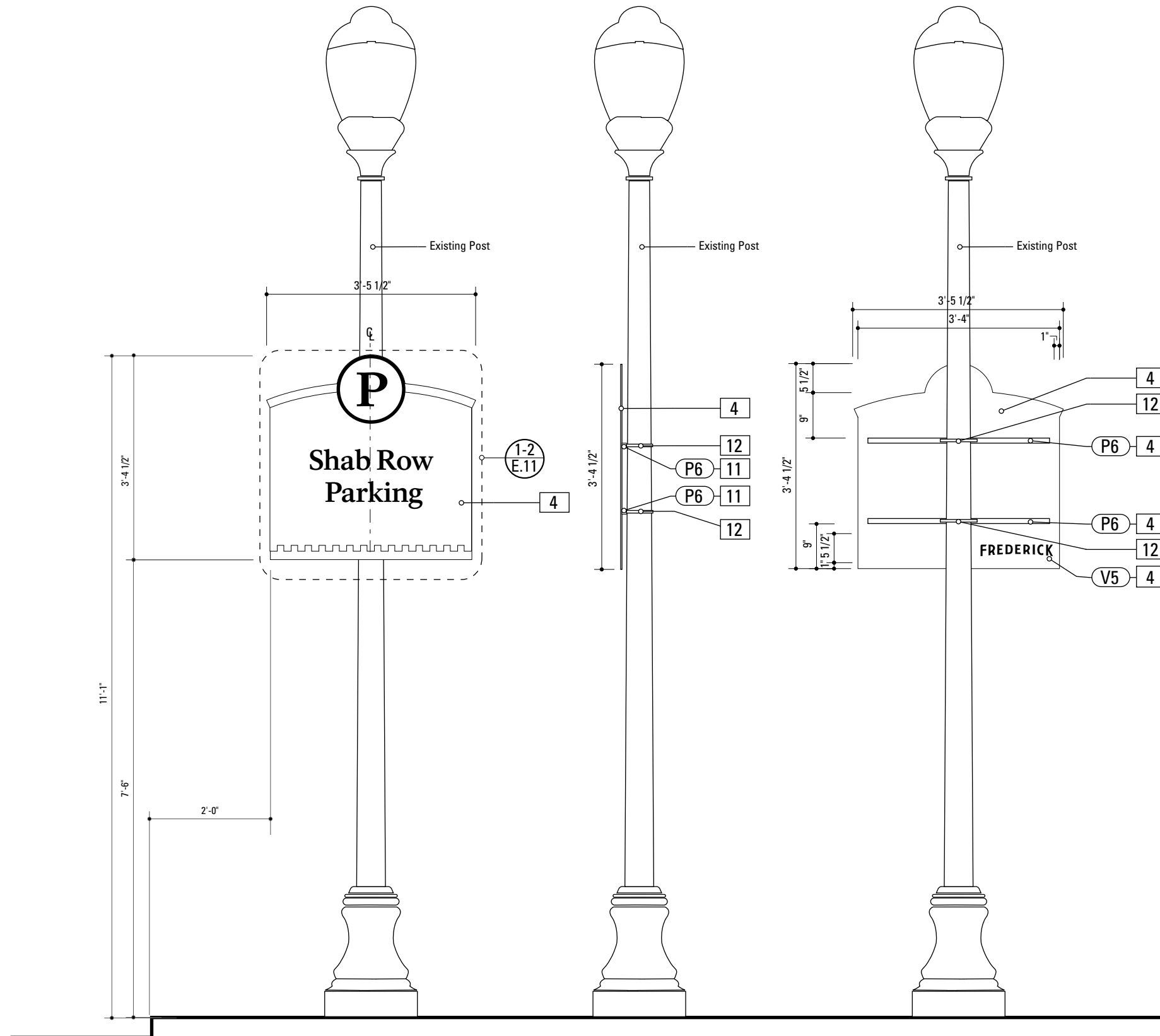
1 Front Elevation: PARK.3.2
 SCALE: 1/2" = 1'-0"

2 Side Elevation: PARK.3.2
 SCALE: 1/2" = 1'-0"

3 Back Elevation: PARK.3.2
 SCALE: 1/2" = 1'-0"

- 4. SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

 Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 11. SUPPORT CHANNEL EXTRUSION**
 PRODUCT: SignFix-SX0090 Larger Corner Angle Extrusion
 MATERIAL: Aluminum
 FABRICATION PROCESS: Extruded
 FINISH: Standard
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Rivet to Sign Panel
- 12. BUCKLE BRACKET**
 PRODUCT: BAND-IT Band
 MATERIAL: Type 201 SS
 SIZE: 1/2"
 COLOR: Match existing pole
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Universal Channel Clamp SignFix SX0220



1 Front Elevation: PARK.10.1 **2** Side Elevation: PARK.10.1 **3** Back Elevation: PARK.10.1
 SCALE: 1/2" = 1'-0" SCALE: 1/2" = 1'-0" SCALE: 1/2" = 1'-0"

- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. 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.

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SUBCONSULTANT		PROJECT NO. Y41.07961.000	
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REVISIONS		PARK.10.1 Parking Directional	
SHEET NO.		D.17	

- 1. 4" ROUND POLE**
 MATERIAL: 4" dia, 1/4" thick Aluminum round tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FOOTER: TRANSPO Break-safe or MDOT approved equal.
 REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMHELL BASE**
 PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
 MATERIAL: 1/4" thk Aluminum square tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

 Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 6. EXPOSED FASTENER**
 PRODUCT: Heavy Hex Head Bolt
 SIZE: As required
 MATERIAL: Stainless Steel
 FINISH: Painted
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces

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.

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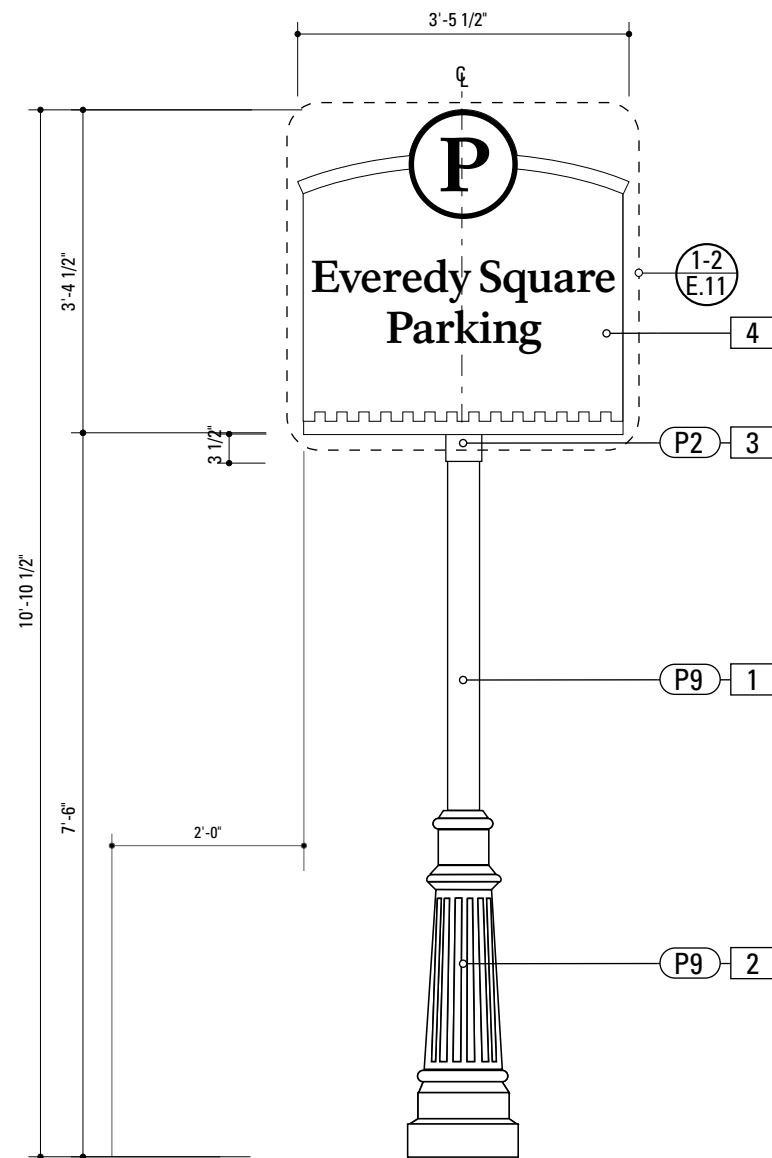
REVISIONS

SHEET TITLE

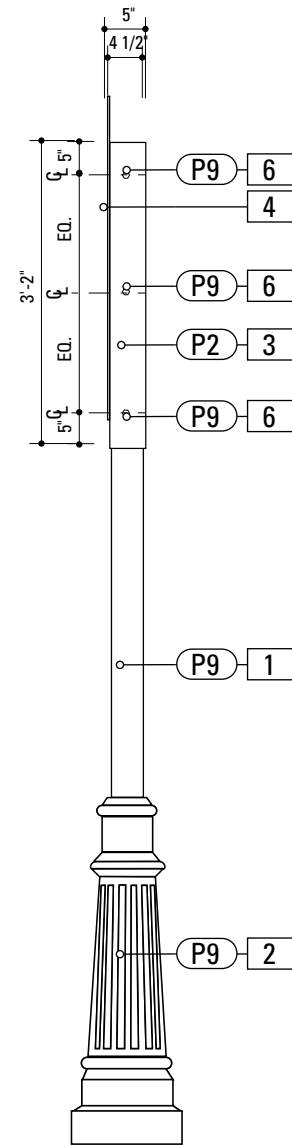
PARK.10.2
Parking Directional

SHEET NO.

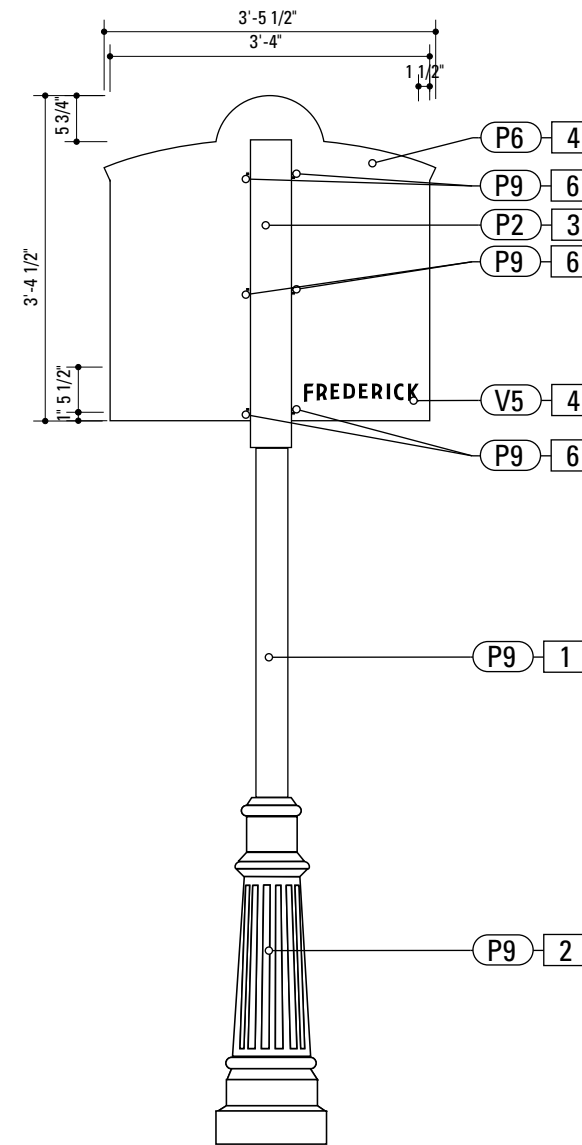
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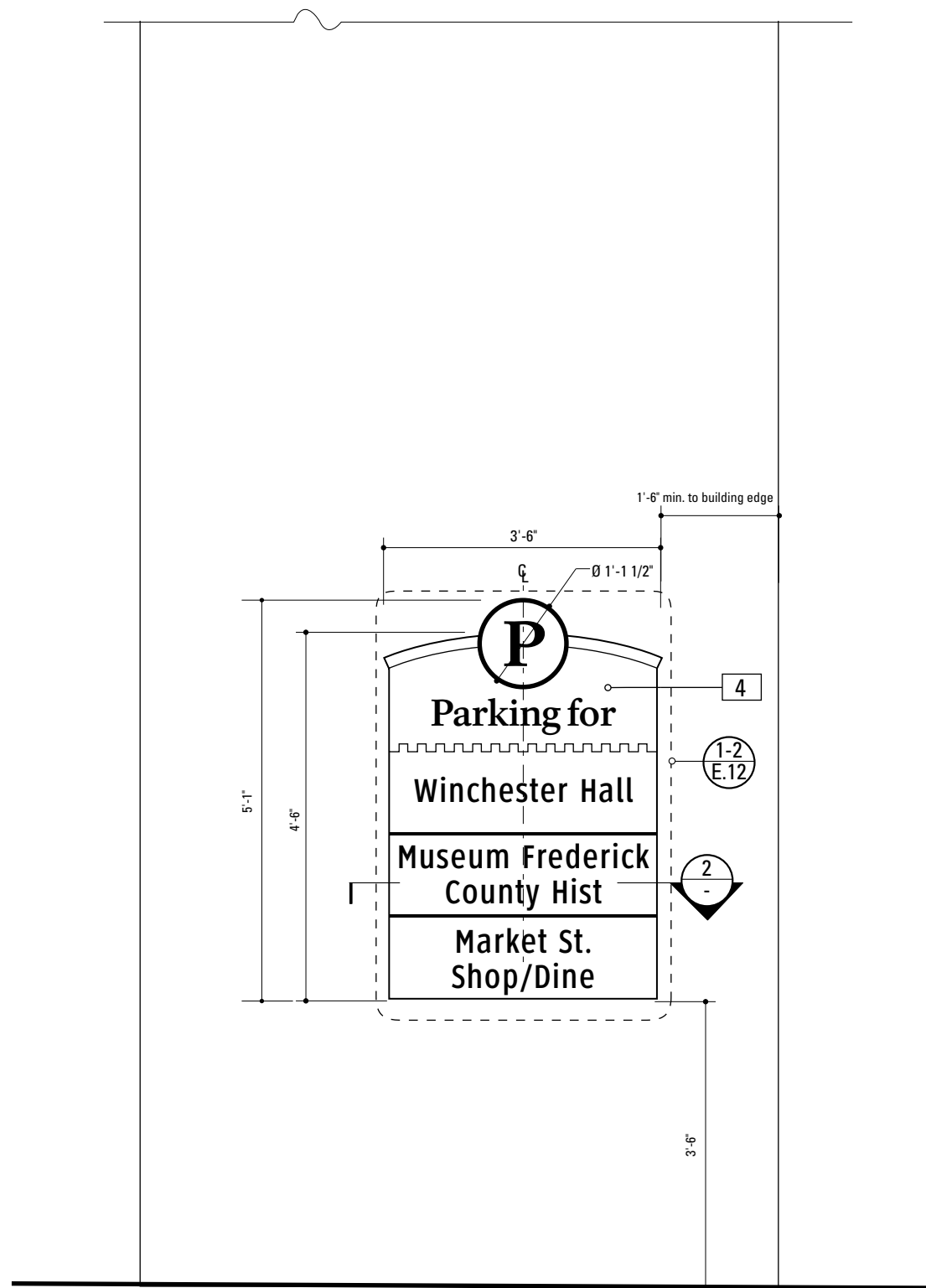
1 Front Elevation: PARK.10.2
 SCALE: 1/2" = 1'-0"



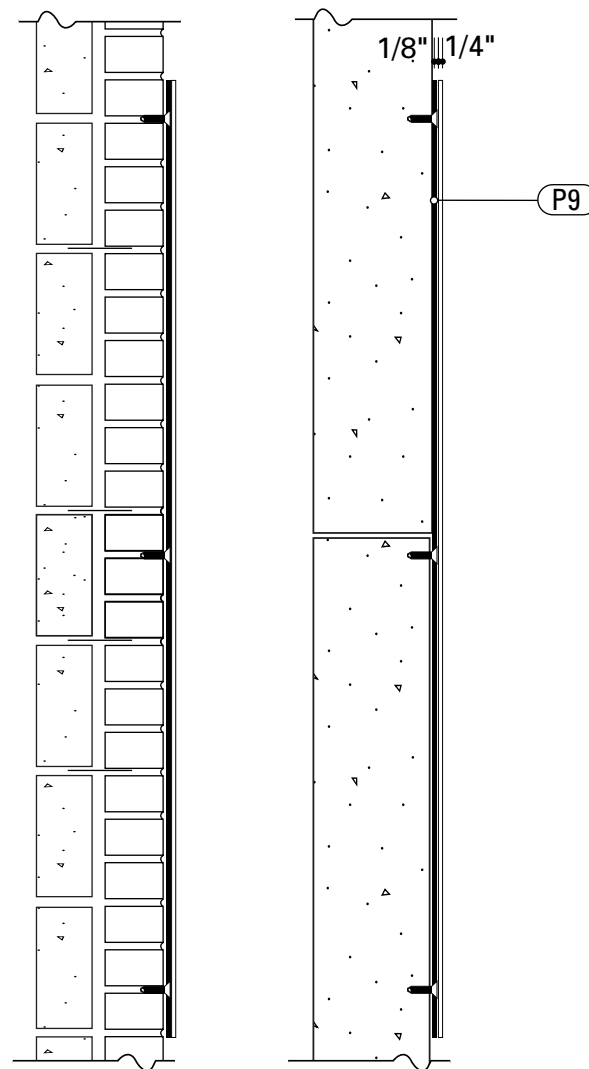
2 Side Elevation: PARK.10.2
 SCALE: 1/2" = 1'-0"



3 Back Elevation: PARK.10.2
 SCALE: 1/2" = 1'-0"



1 Front Elevation: PARK.11.1
SCALE: 1/2" = 1'-0"



2 Section: PARK.11.1
SCALE: 1" = 1'-0"

SPECIFICATIONS **SIGN TYPE:** PARK.11.1 **FUNCTION:** Parking ID with listing


4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Square Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Chemically Welded to Backer Panel

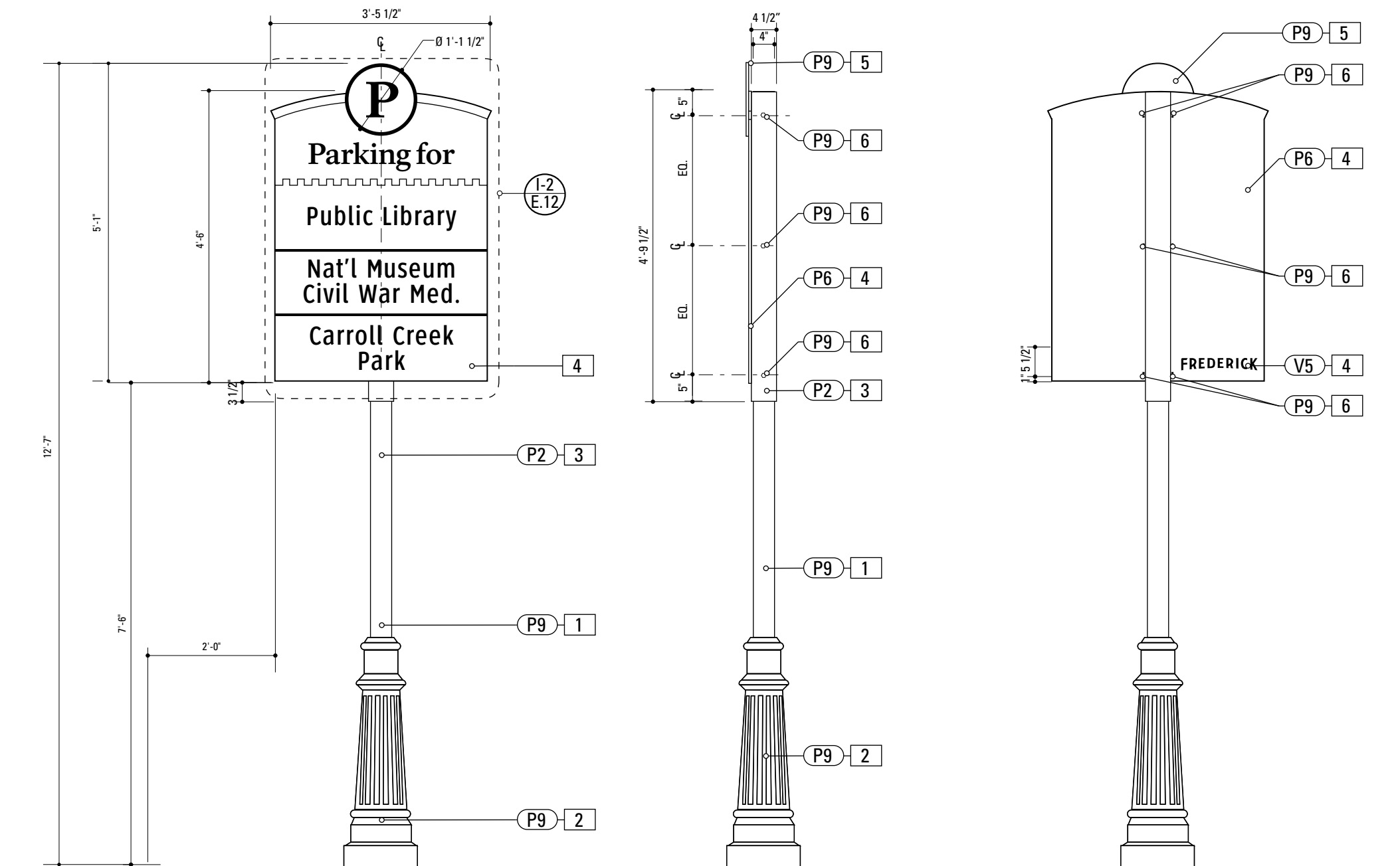
BACKER PANEL
 MATERIAL: 1/8" thk Aluminum
 FABRICATION PROCESS: Square Cut to match dimensions of sign panel
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: mechanically fasten to existing wall. Anchor suitable for wall material. Allowable shear capacity of anchor = 50 lbs. (min). 8 Anchors, with 1 anchor placed at each corner. Stud Mount Welded or countersunk to sign panel.

COPY ARROW RULE BACKGROUND
 PRODUCT: 3M Engineer Grade reflective sheeting
 MATERIAL: vinyl
 FABRICATION PROCESS: Electronically cut / Applied
 COLOR: custom, as noted

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.

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DATE	12/17/2008	PROJECT NO. Y41.07961.000
DRAWN BY:	GS/KG/KB	SHEET TITLE
REVISIONS		PARK.11.1 Parking Directional
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		D.19



1 Front Elevation: PARK.11.2
SCALE: 1/2" = 1'-0"

2 Side Elevation: PARK.11.2
SCALE: 1/2" = 1'-0"

3 Back Elevation: PARK.11.2
SCALE: 1/2" = 1'-0"

SPECIFICATIONS **SIGN TYPE:** PARK.11.2 **FUNCTION:** Parking ID with listings

- 1. 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FOOTER: TRANSPO Break-safe or MDOT approved equal.
REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMSHELL BASE**
PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
MATERIAL: 1/4" thk Aluminum square tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 6. EXPOSED FASTENER**
PRODUCT: Heavy Hex Head Bolt
SIZE: As required
MATERIAL: Stainless Steel
FINISH: Painted
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces

- 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.

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DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE
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		SHEET NO.
		D.20

SPECIFICATIONS	SIGN TYPE: PARK.12	FUNCTION: Parking ID Banner
<p>60. MOUNTING POLE QTY (2) per assembly MATERIAL: Aluminum FABRICATION PROCESS: ASSEMBLY/WELDED EDGES: Smooth COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces FASTENER: mechanically fasten to existing wall. Anchor suitable for wall material. Allowable shear capacity of anchor = 100 lbs. (min). 8 Anchors, with 1 anchor placed at each corner. COPY ARROW RULE BACKGROUND PRODUCT: 3M Engineer Grade reflective sheeting MATERIAL: vinyl FABRICATION PROCESS: Electronically cut / Applied COLOR: custom, as noted</p>		
<p>61. SIGN PANEL SIDES: Double MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Contour Cut EDGES: Smooth COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces FASTENER: Continuous weld to sleeve</p> <p>Vinyl Graphics applied to Front and Rear face of Sign Panel. See Color Page for Specifications</p>		
<p>62. LIGHT FIXTURE MANUFACTURER: AS SHOWN or approved equal NOTE: Fabricator is responsible for surveying the locations on site prior to fabrication and installation to ensure proper structural and mounting requirements are met.</p> <p>Owner and installer to coordinate electric feed within 3'-0" of sign connection prior to installation.</p> <p>Power supplies should be remotely installed inside of sign, send voltage wiring through fascia.</p> <p>All product is to be installed with concealed fasteners.</p>		

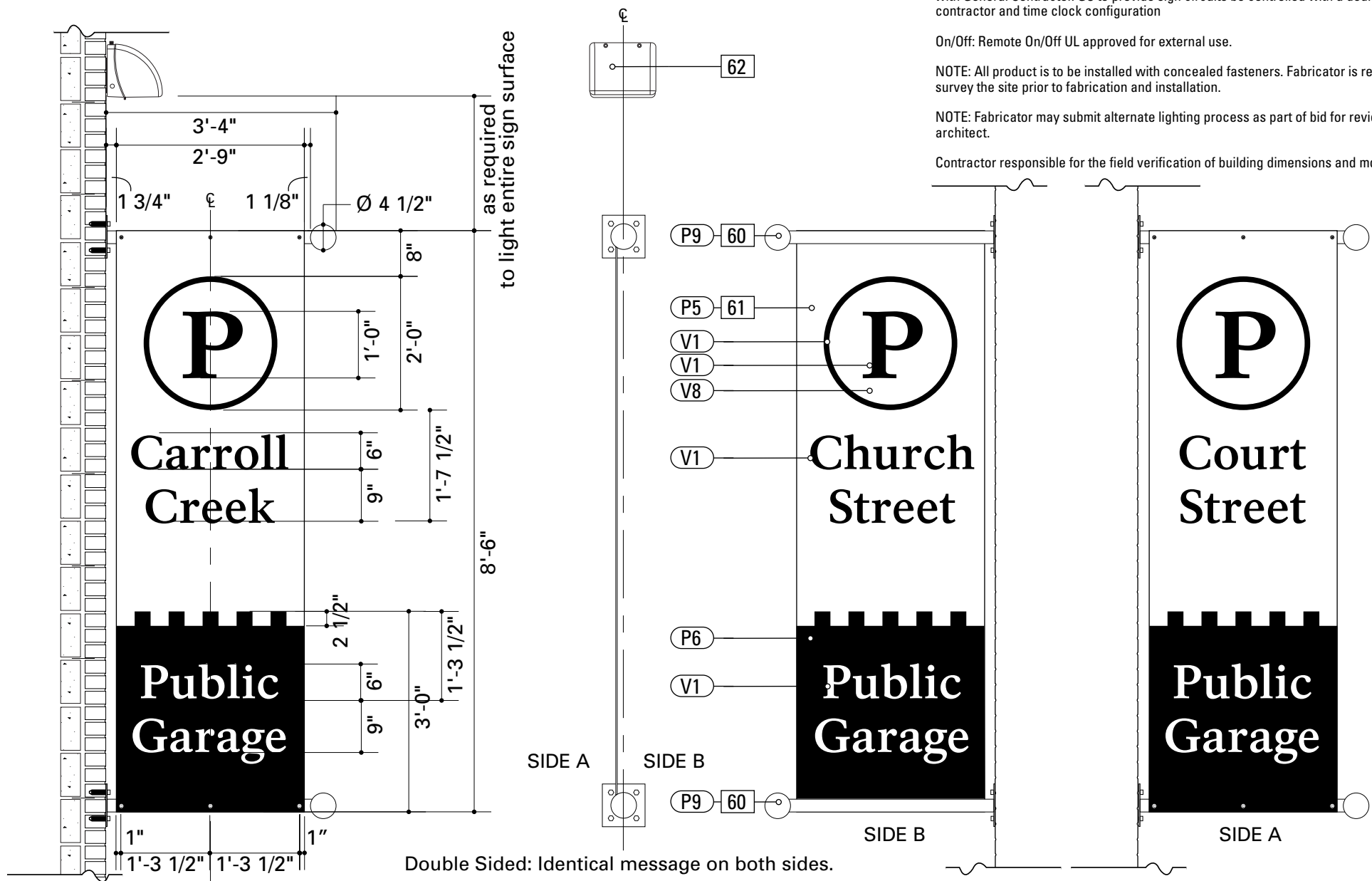
GENERAL NOTES
 Owner to coordinate electric feed (min 5 to 6 20A/120V circuits. within 3'-0" of sign connection with General Contractor. GC to provide sign circuits be controlled with a dedicated sub-panel, contractor and time clock configuration

On/Off: Remote On/Off UL approved for external use.

NOTE: All product is to be installed with concealed fasteners. Fabricator is responsible to survey the site prior to fabrication and installation.

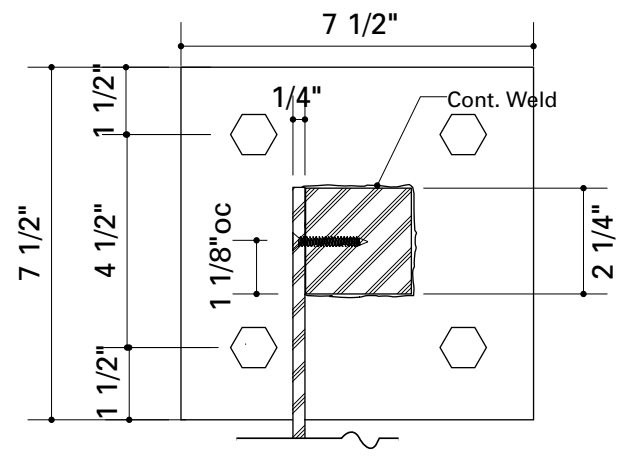
NOTE: Fabricator may submit alternate lighting process as part of bid for review by owner and architect.

Contractor responsible for the field verification of building dimensions and mounting brackets.



1 Front Elevation: PARK.12 SCALE: 1/2" = 1'-0"
3 Side View: PARK.12 SCALE: 1/2" = 1'-0"
4 Alt. Layout: PARK.12 SCALE: 1/2" = 1'-0"
5 Alt. Layout: PARK.12 SCALE: 1/2" = 1'-0"

Double Sided: Identical message on both sides.



6 Section: PARK.12 SCALE: 1/8" = 1"

- APPLICATIONS**
- Use for wall perimeter or entry at mounting heights of 8-15 feet. The StarView compliant optics allow no up light, saving energy and keeping the neighbors happy!
- SPECIFICATIONS**
- The decorative styling is also rugged with one piece polycarbonate front, painted bronze or white on the inside, that resists rocks and other small projectiles.
 - The die cast housing provides rigid mounting, conduit and photo-control hubs, easy mount design and heat dissipation.
- LISTINGS**
- CSA certified to UL 1598 for use in wet locations.

FULL CUTOFF WALLPACK NRG-1100 SERIES

HUBBELL Outdoor Lighting

	A	B	C
	11 3/4"	9 1/2"	9 1/2"
	298 mm	241 mm	241 mm

Catalog Number ¹	Wattage/Voltage	Finish	Weight lbs. kg
PULSE START METAL HALIDE			
NRG-1111B	100 PS 120, 277, 347	bronze	12 5.4
PBT-1	Photocontrol, button type, 120 volt		

2 Lighting: PARK.12 SCALE: N/A

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.
- 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.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
merje		City of Frederick, MD Wayfinding & Signage Program
		PROJECT NO. Y41.07961.000
SUBCONSULTANT		SHEET TITLE
DATE 12/17/2008	DRAWN BY: GS/KG/KB	PARK.12 Parking ID-Banner
REVISIONS		
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET NO.
		D.21

GENERAL NOTES

Owner to coordinate electric feed (min 5 to 6 20A/120V circuits, within 3'-0" of sign connection with General Contractor. GC to provide sign circuits be controlled with a dedicated sub-panel, contractor and time clock configuration.

Power supplies should be remotely installed inside of sign, send low voltage wiring through fascia.

On/Off: Remote On/Off UL approved for external use.

Quantity: Computer Lumen Analysis to be provided from the manufacturer for minimum specified foot candle or Nit level Fabricator is responsible for the quantity of LEDS required. Provide a 30% inventory of LEDS for future servicing.

NOTE: All product is to be installed with concealed fasteners. Fabricator is responsible to survey the site prior to fabrication and installation.

NOTE: Fabricator may submit alternate lighting process as part of bid for review by owner and architect.

Contractor responsible for the field verification of building dimensions and mounting brackets.

SPECIFICATIONS

SIGN TYPE: PARK.13 **FUNCTION:** Parking Identification

66. MONOLITH (Wall Mounted)SIGN FACE LED
LIGHT FIXTURELED HOUSING HARDWARE

NOTES

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3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. All exposed edges painted to match adjacent face.

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City of Frederick, MD
Wayfinding & Signage
Program

PROJECT NO. Y41.07961.000

SUBCONSULTANT

SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

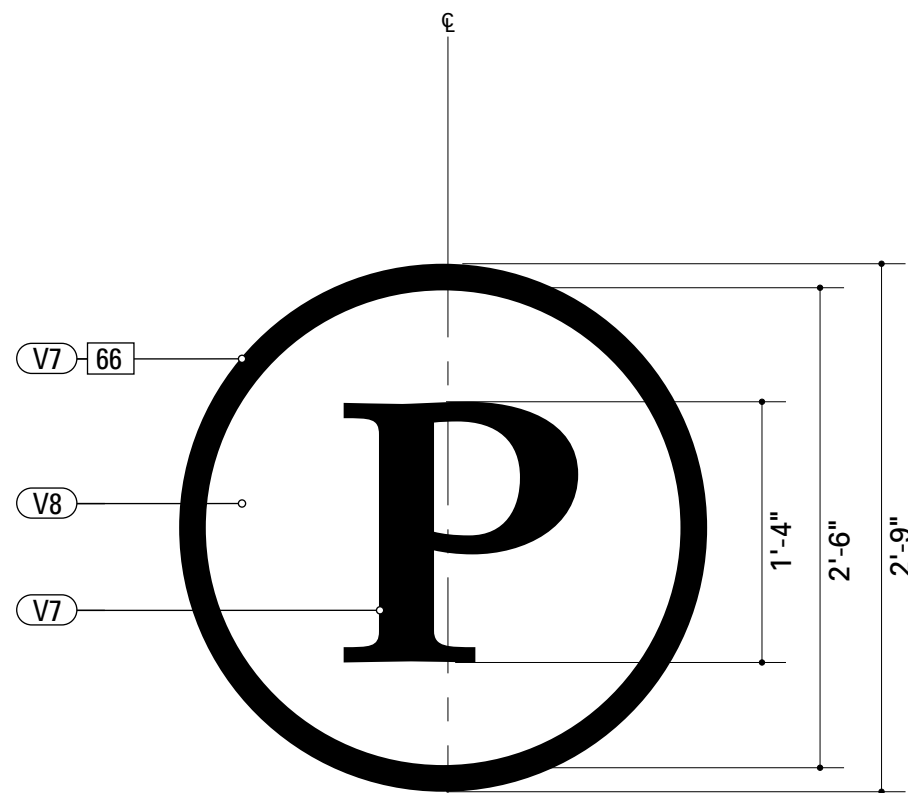
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions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

REVISIONS

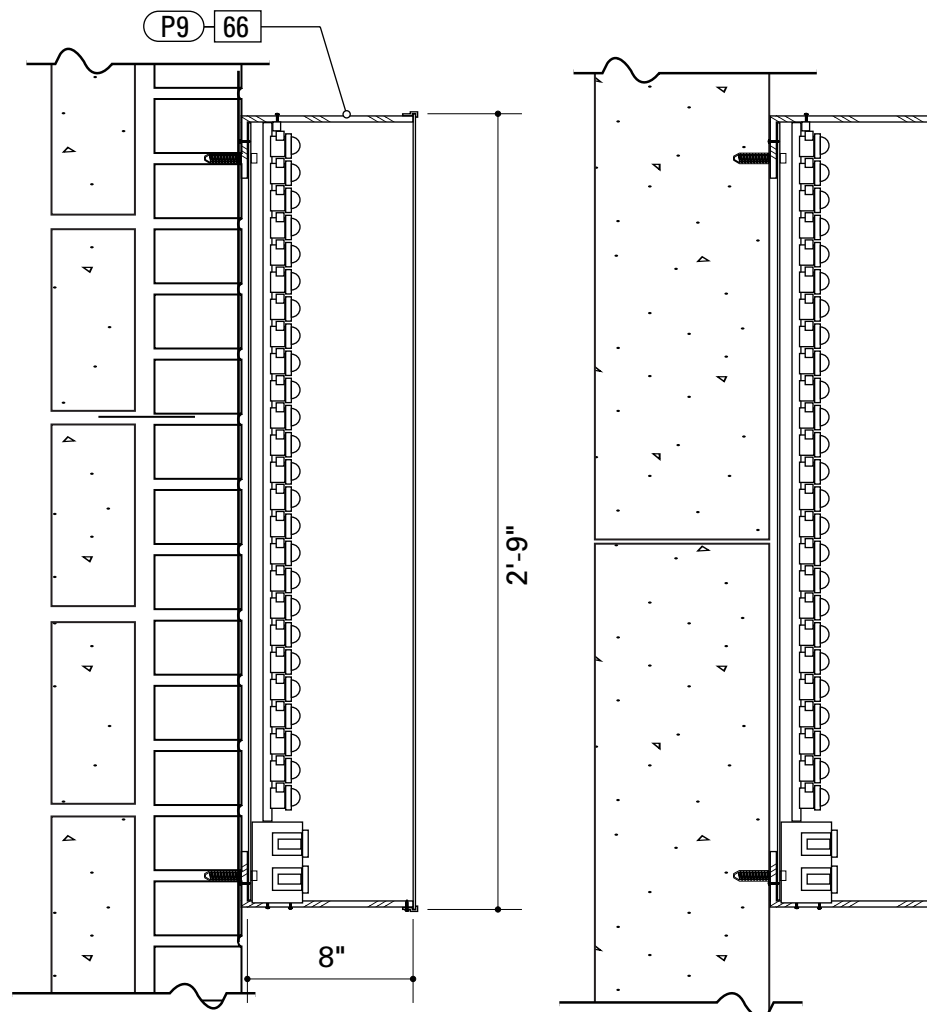
PARK.13
Parking ID

SHEET NO.

D.22



1 Front Elevation: PARK.13
 SCALE: 1" = 1'-0"

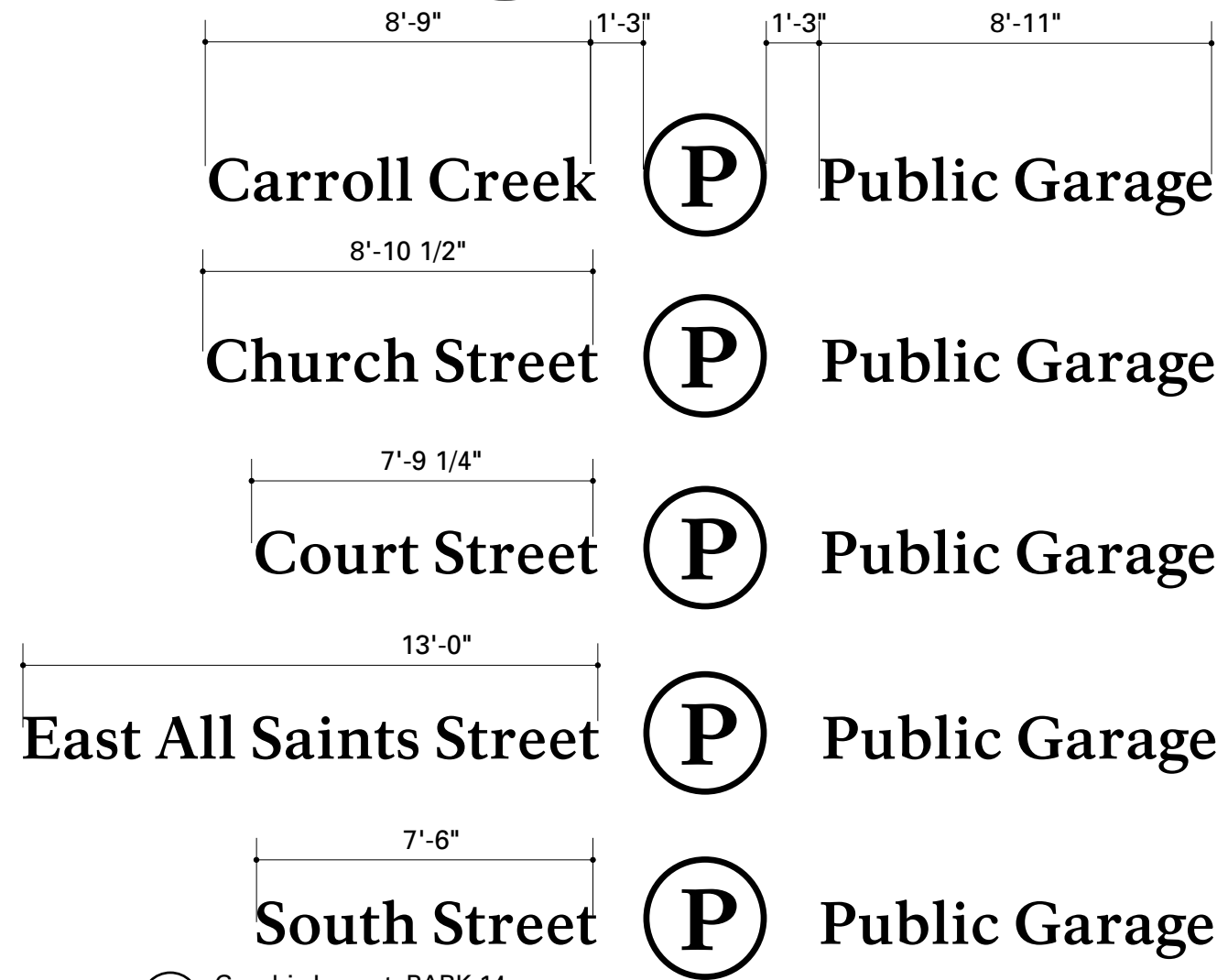


2 Section Detail: PARK.13
 SCALE: 1 1/2" = 1'-0"

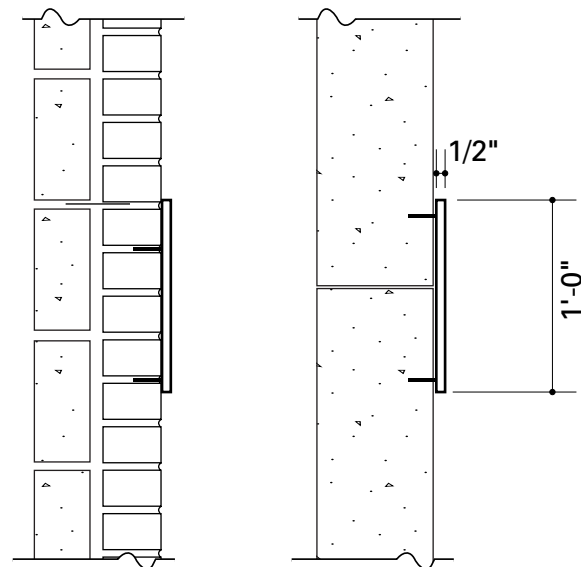
65. LETTERS
 Size: 1/2" Thk.
 MATERIAL: Aluminum
 FABRICATION PROCESS: Router Cut Fabricated Edges
 EDGES: Smooth
 FINISH: Horizontal Brushed
 SURFACE PROCESS: Satin Clearcoat
 FASTENER: mechanically fasten to existing wall. Anchor suitable for wall material. Allowable shear capacity of anchor = 10 lbs. (min). 3 Anchors per anchor, Stud Mount
 Flush to wall surface.

M1-65
 1'-0" **Carroll Creek** **P** **Pub**

1 Front Elevation: PARK.14
 SCALE: 1/2" = 1'-0"



3 Graphic Layout: PARK.14
 SCALE: 1/4" = 1'-0"



2 Section: PARK.14
 SCALE: 1" = 1'-0"

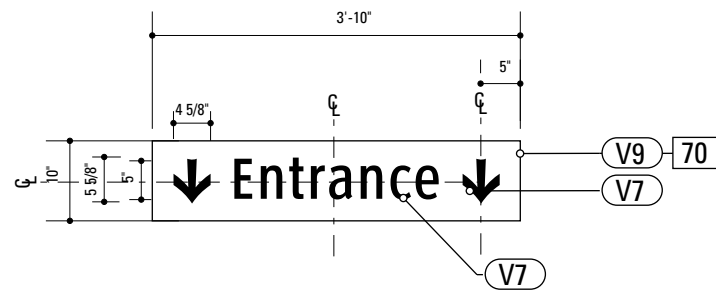
- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. Welds: All welds shall be ground smooth, paint all seams.
 3. Hardware: All exposed hardware shall be tamper proof fasteners.
 4. All exposed edges painted to match adjacent face.

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SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE PARK.14 Parking Letters
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		
REVISIONS		SHEET NO. D.23

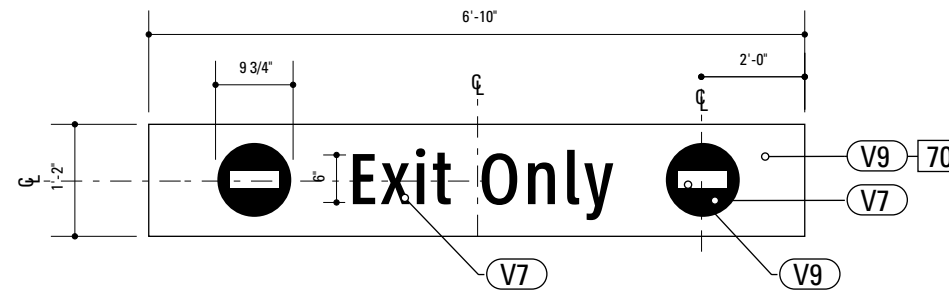
70. SIGN FACE:

Size: Verify and Match existing Sign Sizes
 MATERIAL: Acrylic
 FABRICATION PROCESS: Router Cut Fabricated Edges
 EDGES: Smooth
 VINYL: 3M Scotchcal Translucent Graphic Film as specified
 DIFFUSER: 3M Diffuser Film as specified
 SUBSTRATE: 3M Panaflex 945 as specified
 COLOR: As indicated in Color Chart

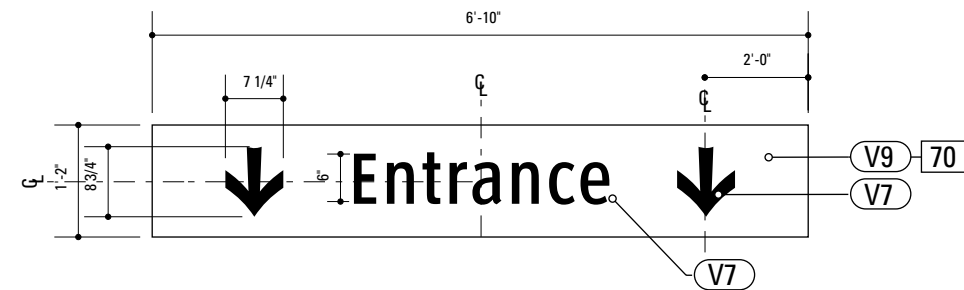
Contractor is to replace the sign face from the existing internally illuminated sign box. Fabricator is to verify all conditions and dimensions prior to fabrication. The Contractor is to also replicate the fabrication process, materials and material sizes, so that the replacement of the sign face is exact.



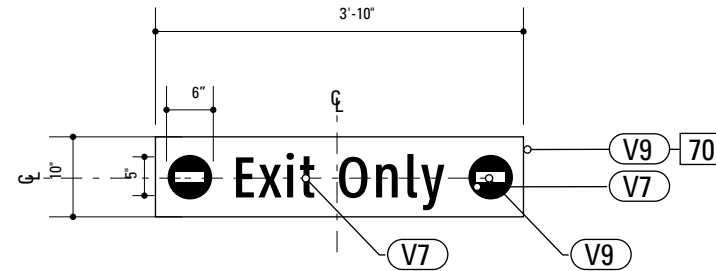
1 Front Elevation Carroll Creek: PARK.15
 SCALE: 1/2" = 1'-0"



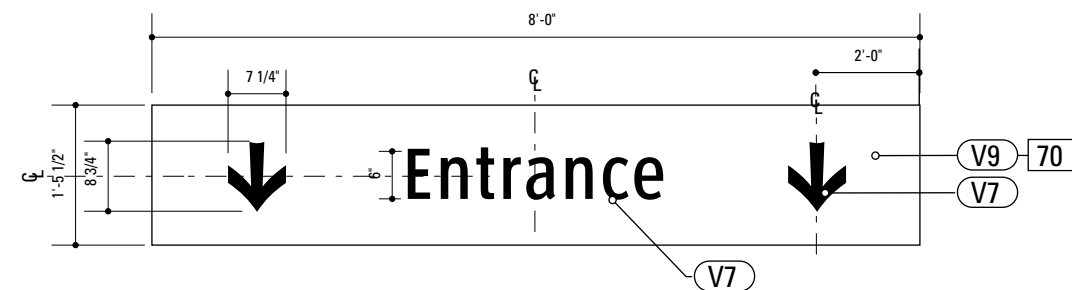
5 Front Elevation Carroll Creek: PARK.16
 SCALE: 1/2" = 1'-0"



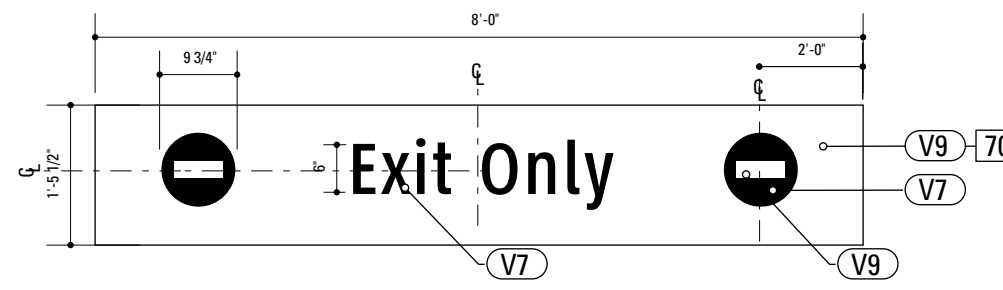
2 Rear Elevation Carroll Creek: PARK.15
 SCALE: 1/2" = 1'-0"



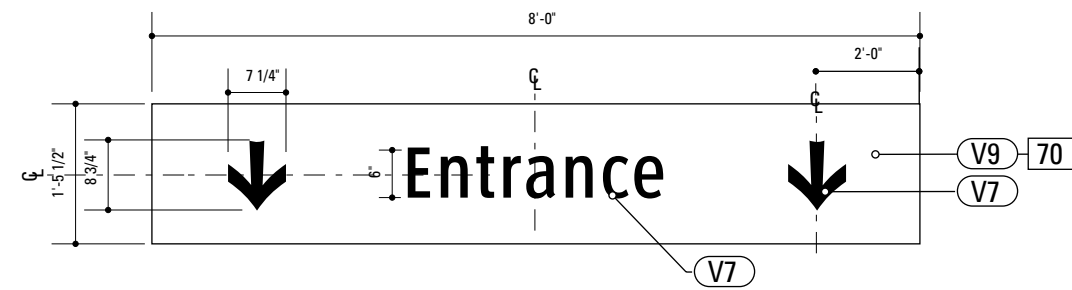
6 Rear Elevation Carroll Creek: PARK.16
 SCALE: 1/2" = 1'-0"



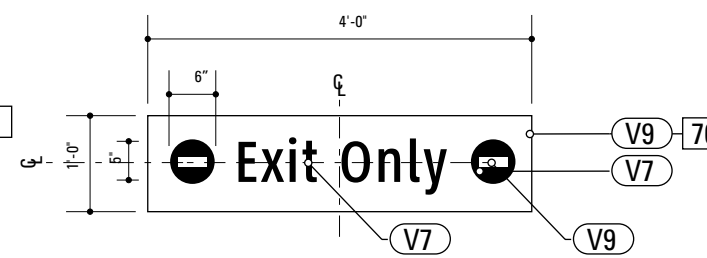
3 Front / Rear Elevation Church Street: PARK.15
 SCALE: 1/2" = 1'-0"



7 Front Elevation Church Street: PARK.16
 SCALE: 1/2" = 1'-0"



4 Front Elevation Court Street: PARK.15
 SCALE: 1/2" = 1'-0"



8 Front Elevation Court Street: PARK.16
 SCALE: 1/2" = 1'-0"

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. 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.

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PROJECT NO. Y41.07961.000

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DATE 12/17/2008

DRAWN BY: GS/KG/KB

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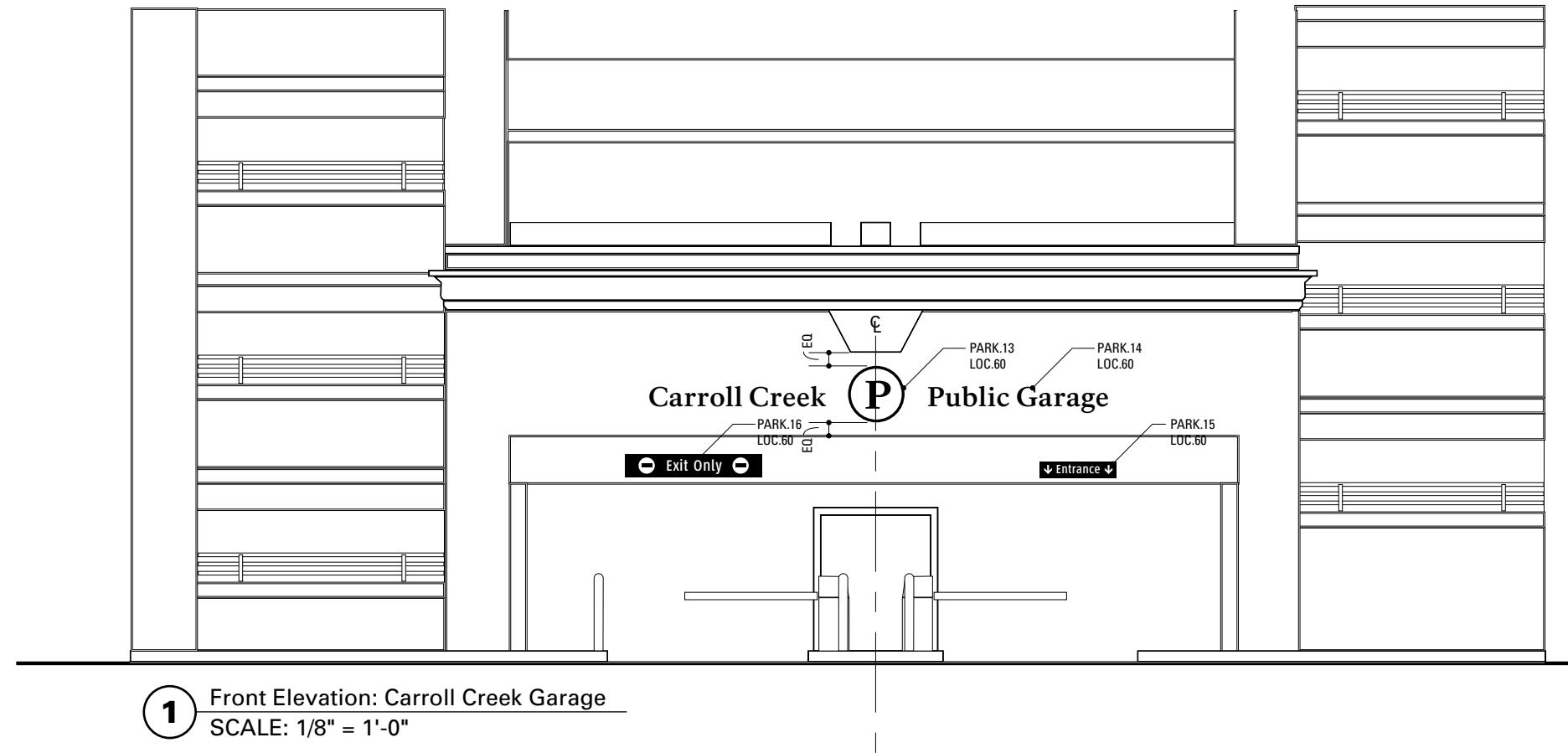
REVISIONS

SHEET TITLE

PARK.15
Parking Entry
PARK.16
Parking Exit

SHEET NO.

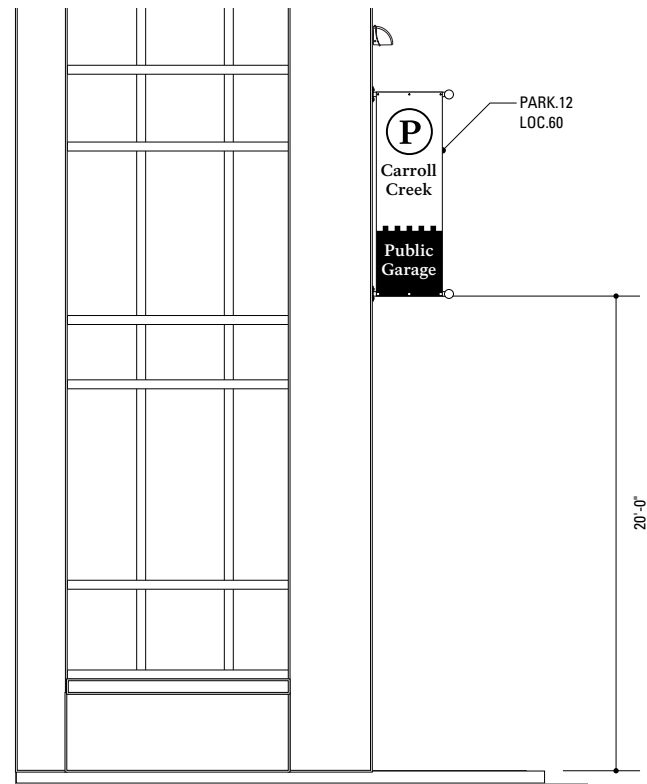
D.24



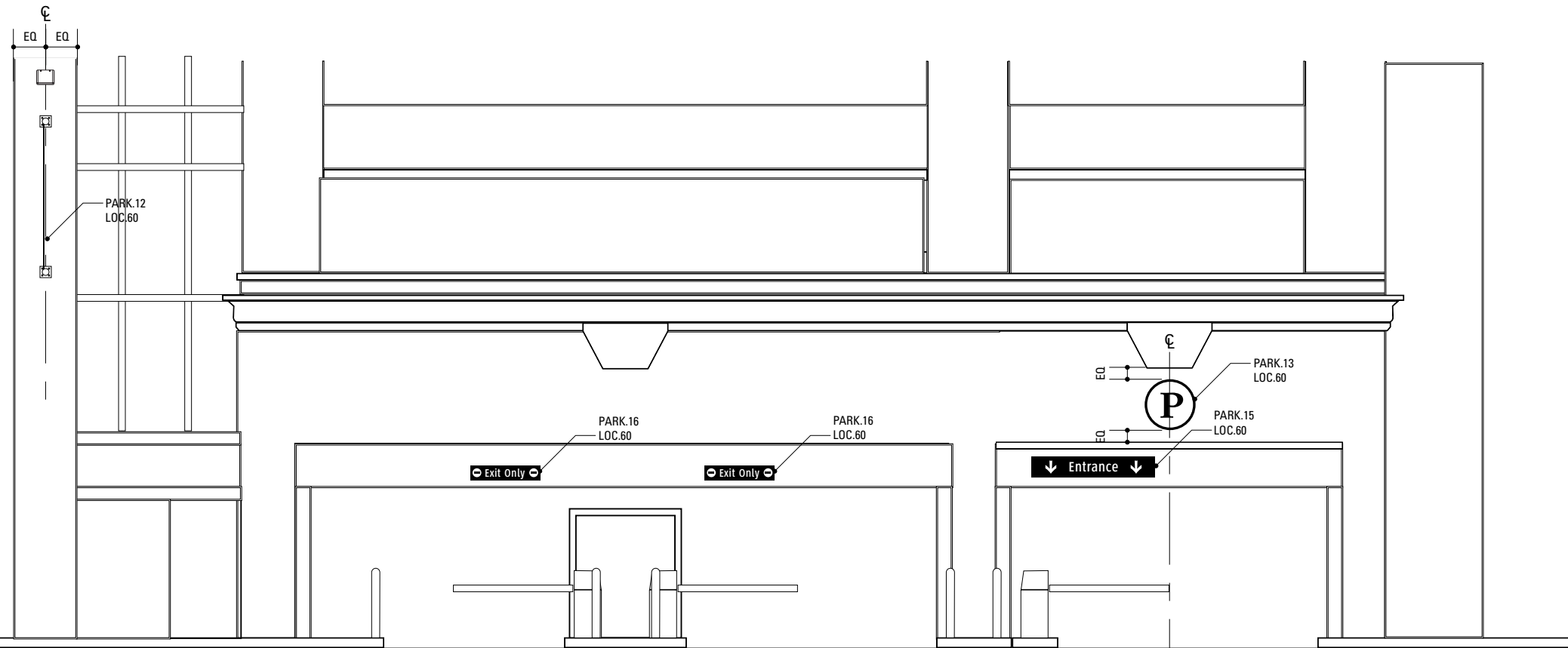
1 Front Elevation: Carroll Creek Garage
SCALE: 1/8" = 1'-0"

- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. Welds: All welds shall be ground smooth, paint all seams.
 3. Hardware: All exposed hardware shall be tamper proof fasteners.
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<p>SUBCONSULTANT</p>		<p>PROJECT NO. Y41.07961.000</p>
<p>DATE 12/17/2008</p>	<p>DRAWN BY: GS/KG/KB</p>	<p>SHEET TITLE</p> <p>Carroll Creek Parking Garage</p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		
<p>REVISIONS</p>		<p>SHEET NO.</p> <p>D.25</p>



1 Side Elevation: Carroll Creek Garage
SCALE: 1/8" = 1'-0"



2 Rear Elevation: Carroll Creek Garage
SCALE: 1/8" = 1'-0"

SPECIFICATIONS **SIGN TYPE:** **FUNCTION:** Garage Signs

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
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3. Hardware: All exposed hardware shall be tamper proof fasteners.
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SHEET TITLE

DATE 12/17/2008

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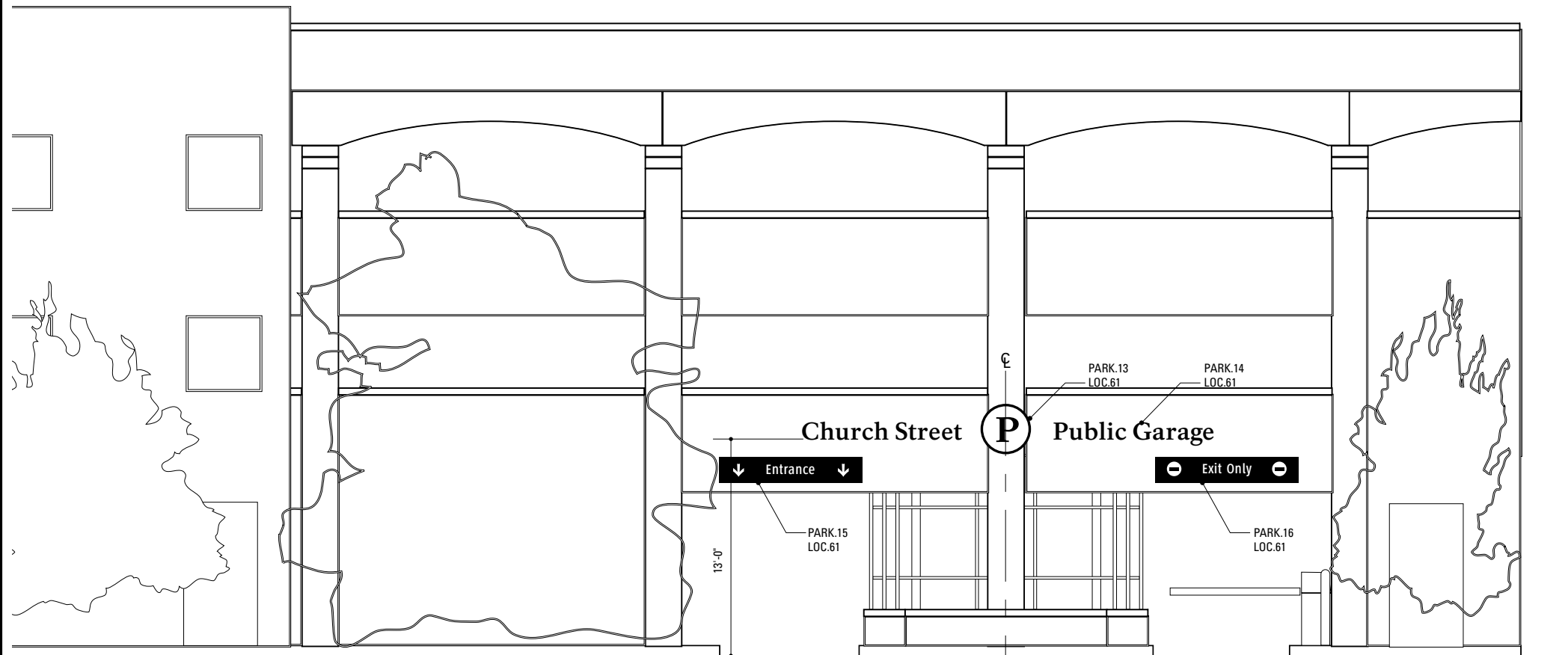
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REVISIONS

Carroll Creek
Parking Garage

SHEET NO.

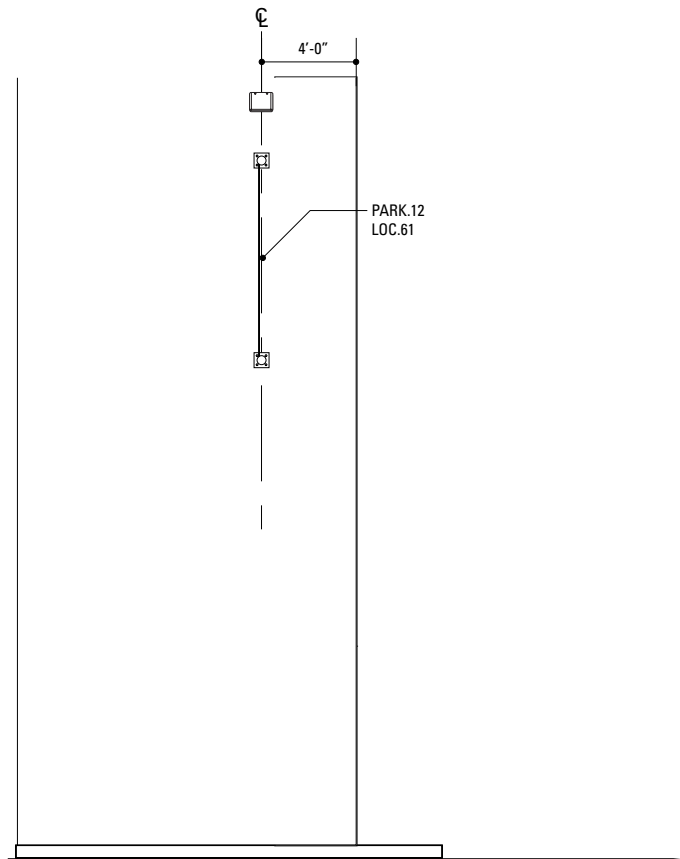
D.26



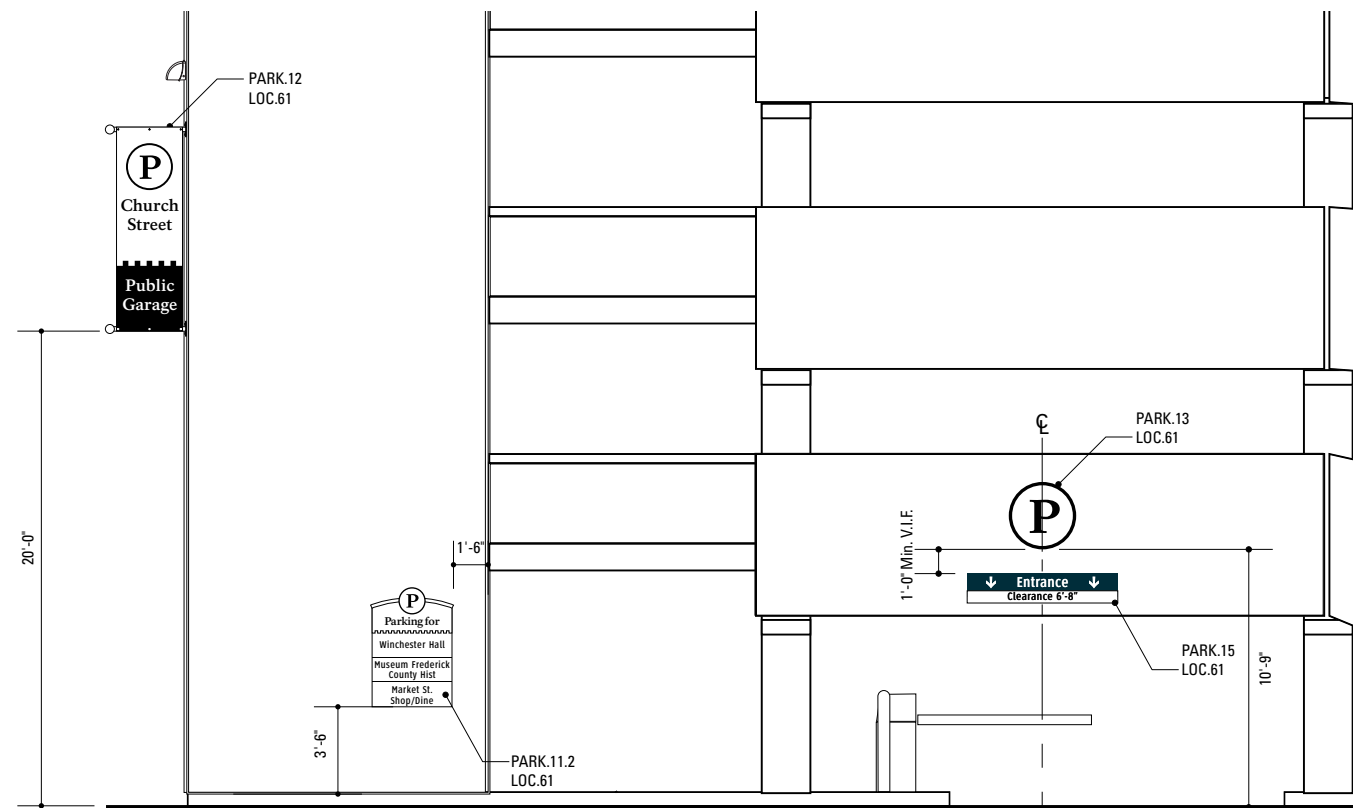
1 Front Elevation: Church Street Garage
SCALE: 1/8" = 1'-0"

- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. Welds: All welds shall be ground smooth, paint all seams.
 3. Hardware: All exposed hardware shall be tamper proof fasteners.
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<p>SUBCONSULTANT</p>		<p>PROJECT NO. Y41.07961.000</p>
<p>DATE 12/17/2008</p>	<p>DRAWN BY: GS/KG/KB</p>	<p>SHEET TITLE</p> <p>Church Street Parking Garage</p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		
<p>REVISIONS</p>		<p>SHEET NO.</p> <p>D.27</p>



1 Side Elevation: Church Street Garage
SCALE: 1/8" = 1'-0"



2 Rear Elevation: Church Street Garage
SCALE: 1/8" = 1'-0"

SPECIFICATIONS **SIGN TYPE:** **FUNCTION:** Garage Signs

NOTES

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2. Welds: All welds shall be ground smooth, paint all seams.
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SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

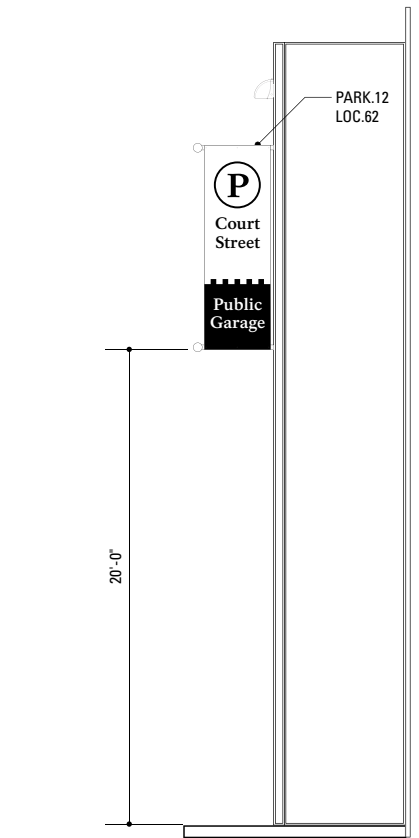
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REVISIONS

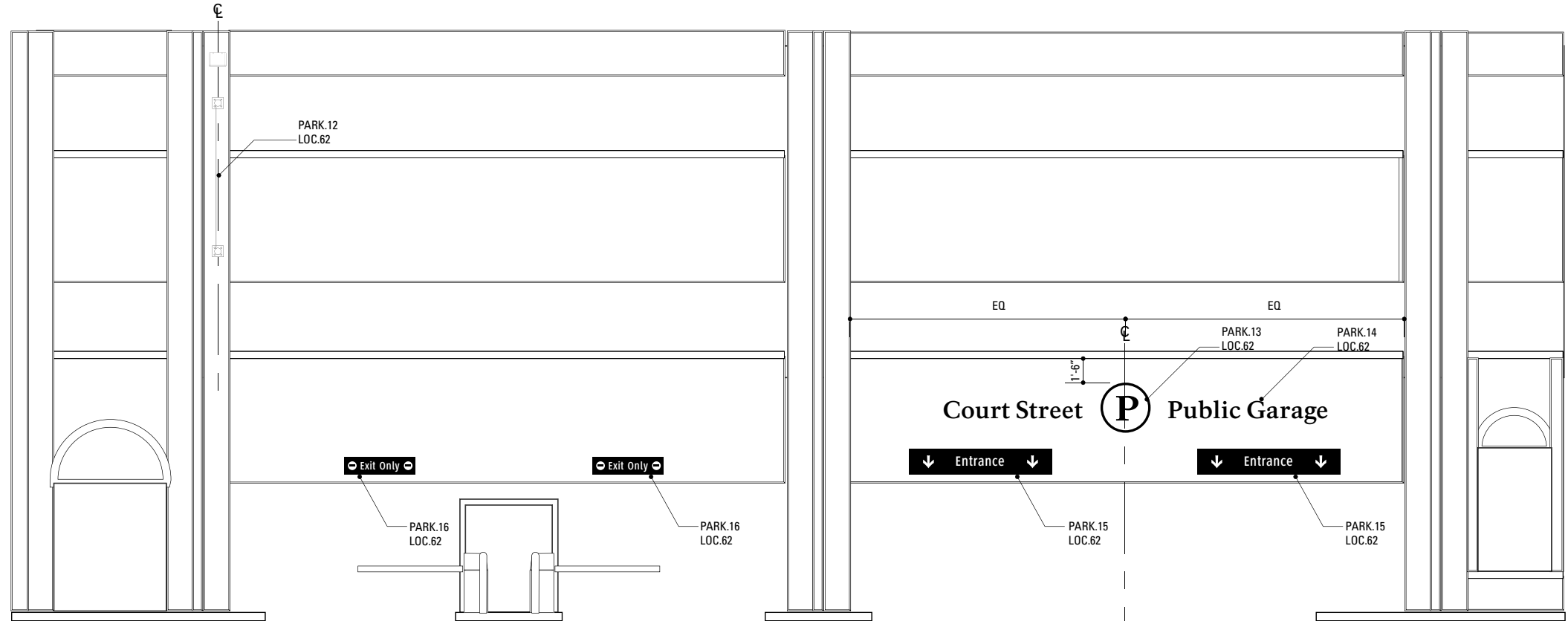
Church Street
Parking Garage

SHEET NO.

D.28



1 Side Elevation: Court Street Garage
SCALE: 1/8" = 1'-0"



2 Front Elevation: Court Street Garage
SCALE: 1/8" = 1'-0"

SPECIFICATIONS **SIGN TYPE:** **FUNCTION:** Garage Signs

NOTES

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3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. All exposed edges painted to match adjacent face.

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REVISIONS

Court Street
Parking Garage

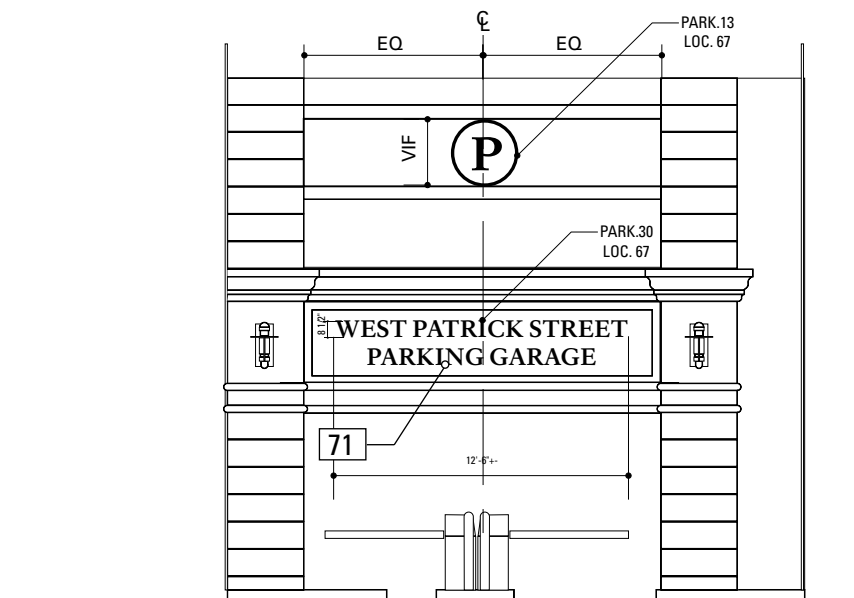
SHEET NO.

D.29

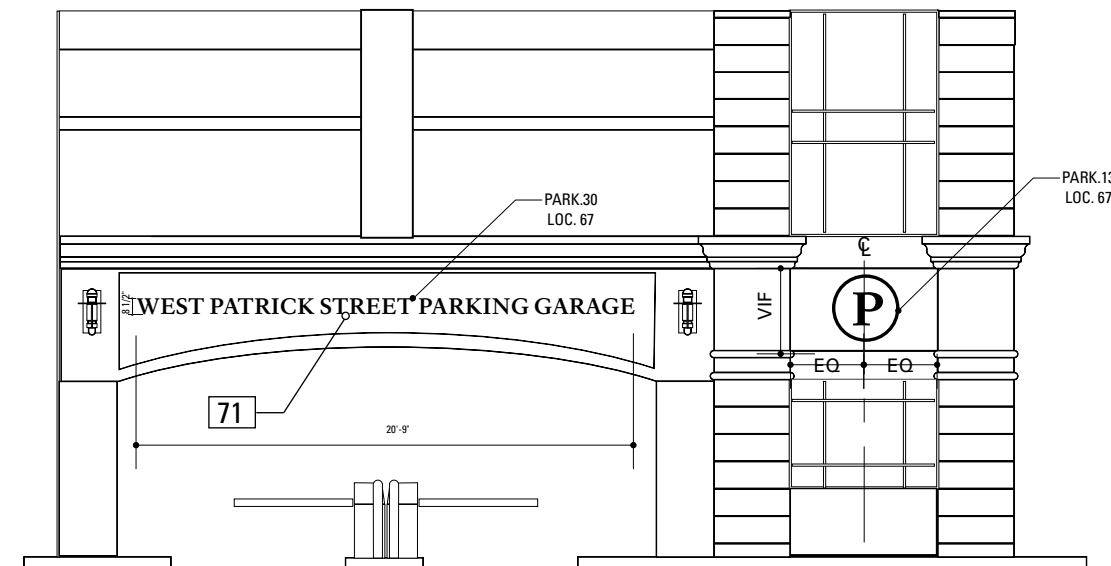
70. EXISTING CARVED LETTERS

MATERIAL: Granite
 FABRICATION PROCESS: Filled
 COLOR: Black

Contractor to be familiar with wall surface and provide a recommendation for the type of paint.



1 Front Elevation: West Patrick St. Garage
 SCALE: 1/8" = 1'-0"



2 Rear Elevation: West Patrick St. Garage
 SCALE: 1/8" = 1'-0"

NOTES

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REVISIONS

SHEET TITLE

**Sign Type PARK.30
 West Patrick Street
 Garage**

SHEET NO.

D.30

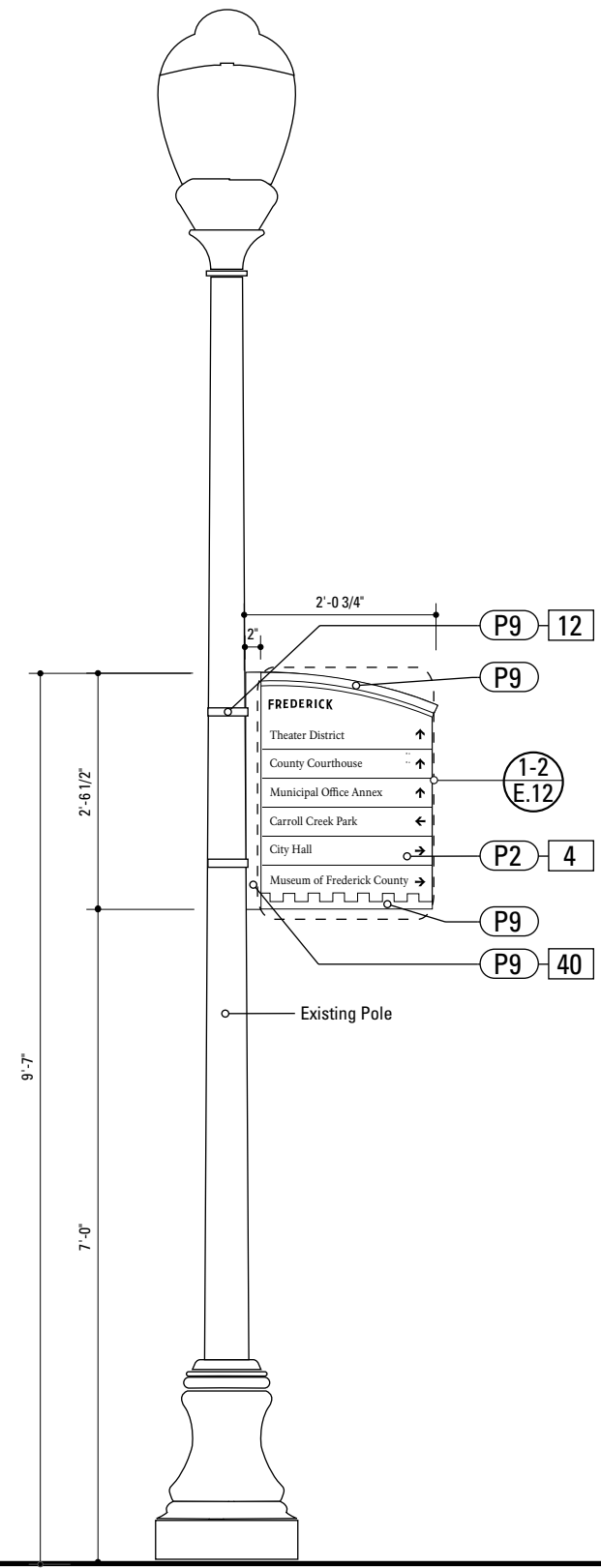
1. 4" ROUND POLE
 MATERIAL: 4" dia, 1/4" thick Aluminum round tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FOOTER: TRANSPO Break-safe or MDOT approved equal.
 REFER TO SECTION G FOR FOOTERS
 CAP: Custom

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

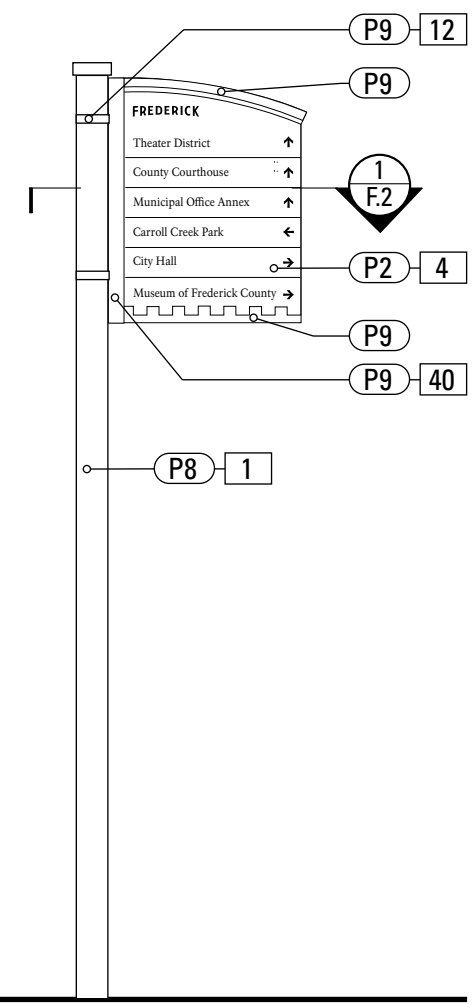
Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

12. BUCKLE BRACKET
 PRODUCT: BAND-IT Band
 MATERIAL: Type 201 SS
 SIZE: 1/2"
 COLOR: Match existing pole
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Custom

40. SUPPORT CHANNEL EXTRUSION
 PRODUCT: Custom
 MATERIAL: Aluminum
 FABRICATION PROCESS: Extruded
 FINISH: Standard
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mech. Fasten to Sign Panel



1 Front Elevation: PED.1.1
 SCALE: 1/2" = 1'-0"



2 Side Elevation: PED.1.2
 SCALE: 1/2" = 1'-0"

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. 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.

ENVIRONMENTS & EXPERIENCES merJe The Widener Building, Suite 1500 One South Penn Square Philadelphia, PA 19107 T 215.599.4407 F 215.636.9989 www.merjedesign.com		CLIENT / PROJECT
		City of Frederick, MD Wayfinding & Signage Program
SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		PED.1.1 / PED.2.1 Pedestrian Directional
REVISIONS		SHEET NO.
		D.31

- 1. 4" ROUND POLE**
 MATERIAL: 4" dia, 1/4" thick Aluminum round tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FOOTER: TRANSPO Break-safe or MDOT approved equal.
 REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMSHELL BASE**
 PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
 MATERIAL: 1/4" thk Aluminum square tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

 Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 5. KEYSTONE**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Chemical weld to sign panel
- 6. EXPOSED FASTENER**
 PRODUCT: Heavy Hex Head Bolt
 SIZE: As required
 MATERIAL: Stainless Steel
 FINISH: Painted
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces

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.

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CLIENT / PROJECT

City of Frederick, MD
Wayfinding & Signage Program

PROJECT NO. Y41.07961.000

SUBCONSULTANT

SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

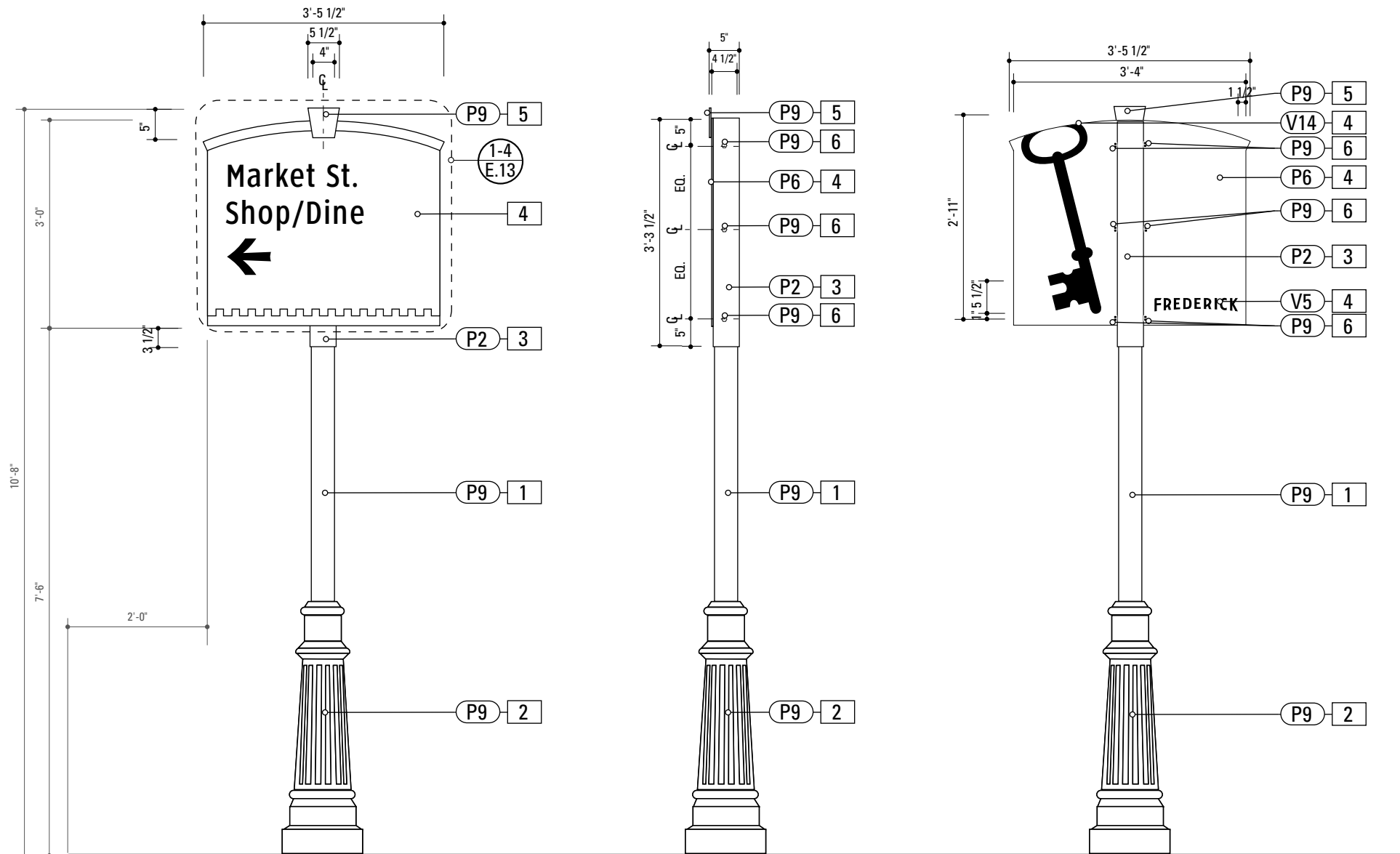
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REVISIONS

VDIR.1
Vehicular Directional

SHEET NO.

D.32



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

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

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

- 1. 4" ROUND POLE**
 MATERIAL: 4" dia, 1/4" thick Aluminum round tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FOOTER: TRANSPO Break-safe or MDOT approved equal.
 REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMSHELL BASE**
 PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
 MATERIAL: 1/4" thk Aluminum square tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

 Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 5. KEYSTONE**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Chemical weld to sign panel
- 6. EXPOSED FASTENER**
 PRODUCT: Heavy Hex Head Bolt
 SIZE: As required
 MATERIAL: Stainless Steel
 FINISH: Painted
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces

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.

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CLIENT / PROJECT

City of Frederick, MD
Wayfinding & Signage Program

PROJECT NO. Y41.07961.000

SUBCONSULTANT

SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

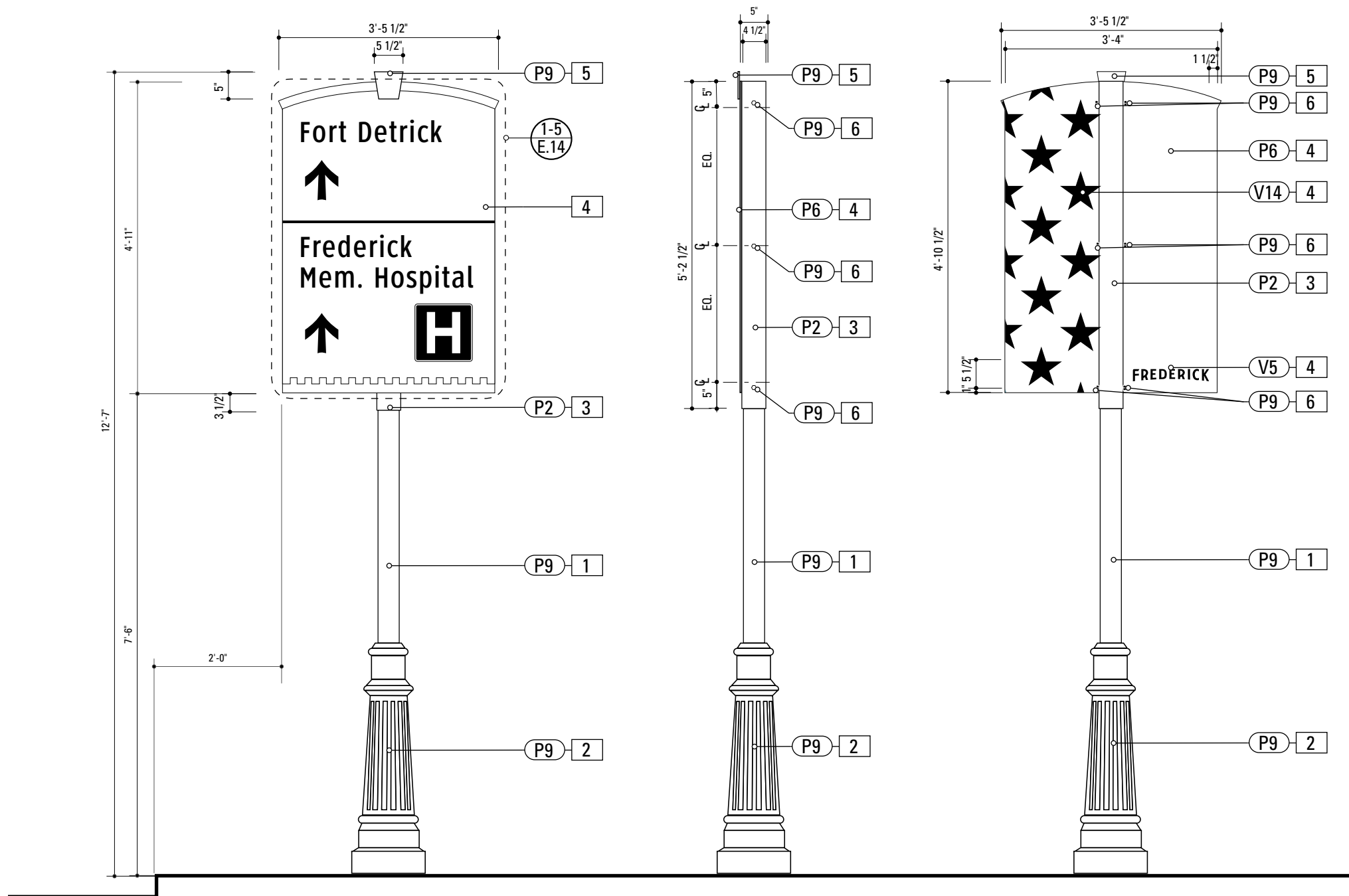
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REVISIONS

VDIR.2
Vehicular Directional

SHEET NO.

D.33



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

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

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

1. **4" ROUND POLE**
 MATERIAL: 4" dia, 1/4" thick Aluminum round tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FOOTER: TRANSPO Break-safe or MDOT approved equal.
 REFER TO SECTION G FOR FOOTERS
2. **DECORATIVE CLAMSHELL BASE**
 PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
 EDGES: Smooth
 COLOR: Custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened around 4" pole
3. **SLEEVE**
 MATERIAL: 1/4" thk Aluminum square tube
 FABRICATION PROCESS: Extruded / cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mechanically fastened to pole
4. **SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

 Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
5. **KEYSTONE**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Chemical weld to sign panel
6. **EXPOSED FASTENER**
 PRODUCT: Heavy Hex Head Bolt
 SIZE: As required
 MATERIAL: Stainless Steel
 FINISH: Painted
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces

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.

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CLIENT / PROJECT

City of Frederick, MD
Wayfinding & Signage Program

PROJECT NO. Y41.07961.000

SUBCONSULTANT

SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

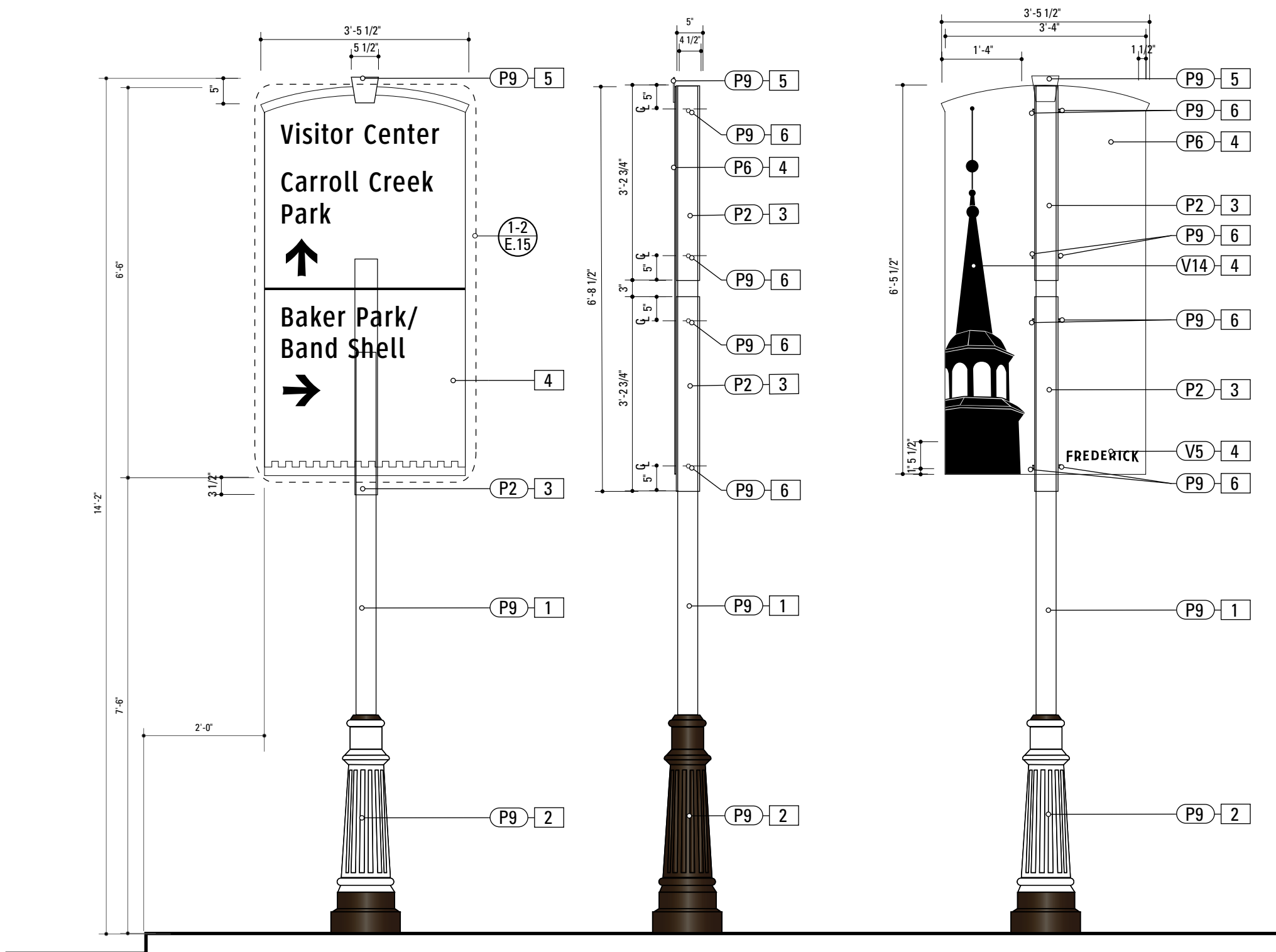
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REVISIONS

VDIR.3
Vehicular Directional

SHEET NO.

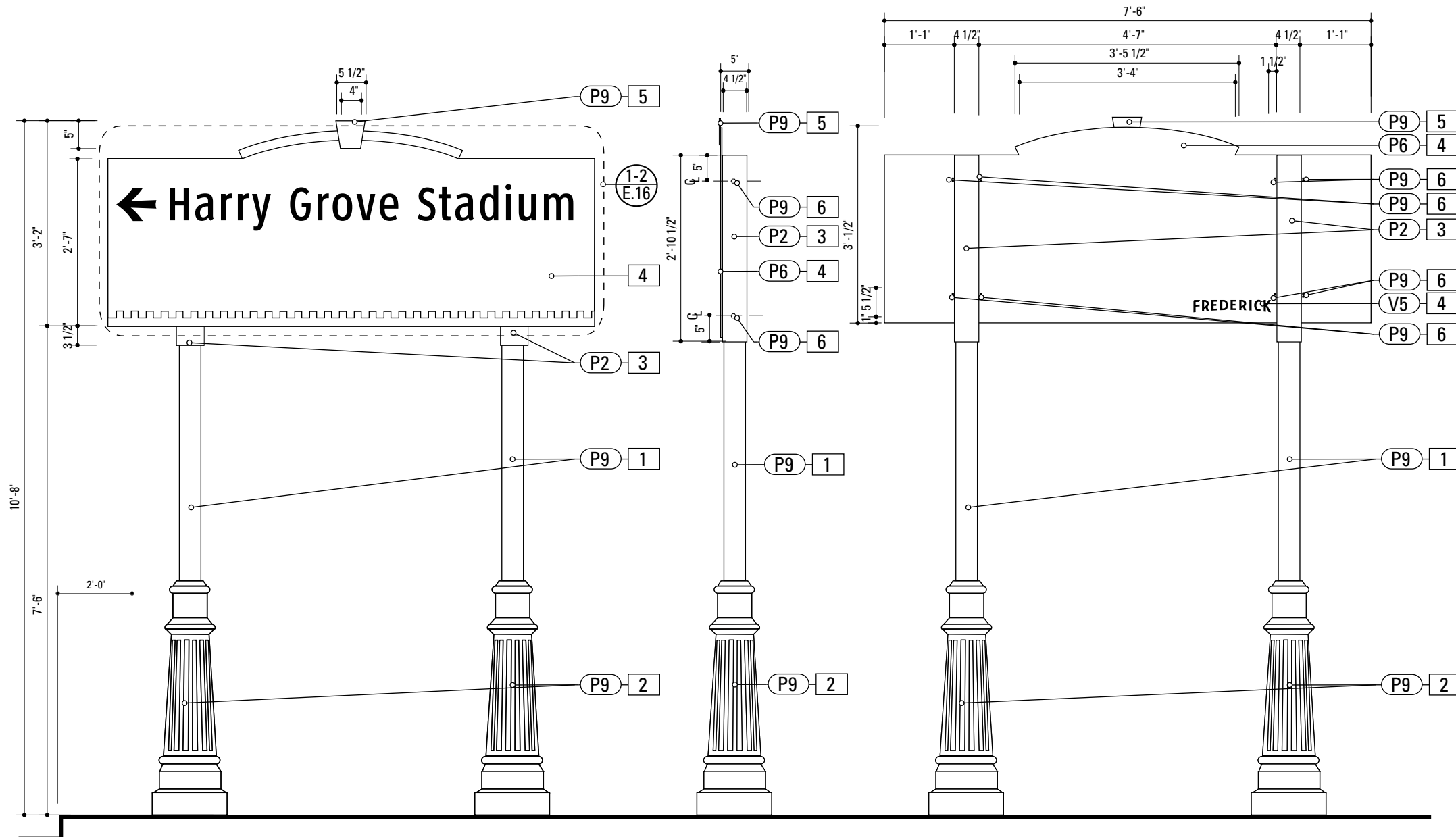
D.34



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

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

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



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

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


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

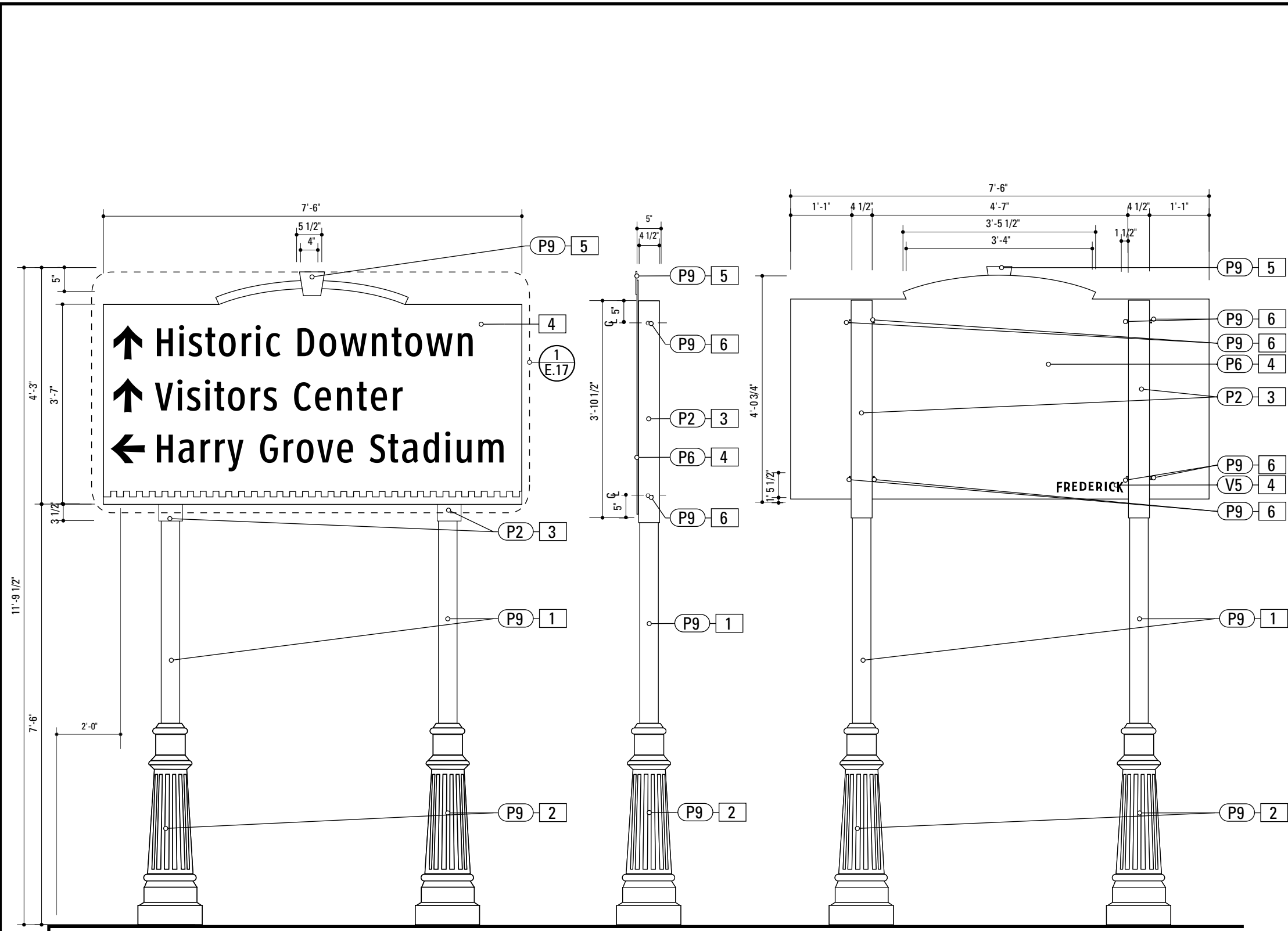
- 1. 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FOOTER: TRANSPO Break-safe or MDOT approved equal.
REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMSHELL BASE**
PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
MATERIAL: 1/4" thk Aluminum square tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 5. KEYSTONE**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Chemical weld to sign panel
- 6. EXPOSED FASTENER**
PRODUCT: Heavy Hex Head Bolt
SIZE: As required
MATERIAL: Stainless Steel
FINISH: Painted
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces

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.

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SUBCONSULTANT		SHEET TITLE	
DATE 12/17/2008	DRAWN BY: GS/KG/KB	VDIR.4 Vehicular Directional	
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.			
REVISIONS		SHEET NO.	
		D.35	



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


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

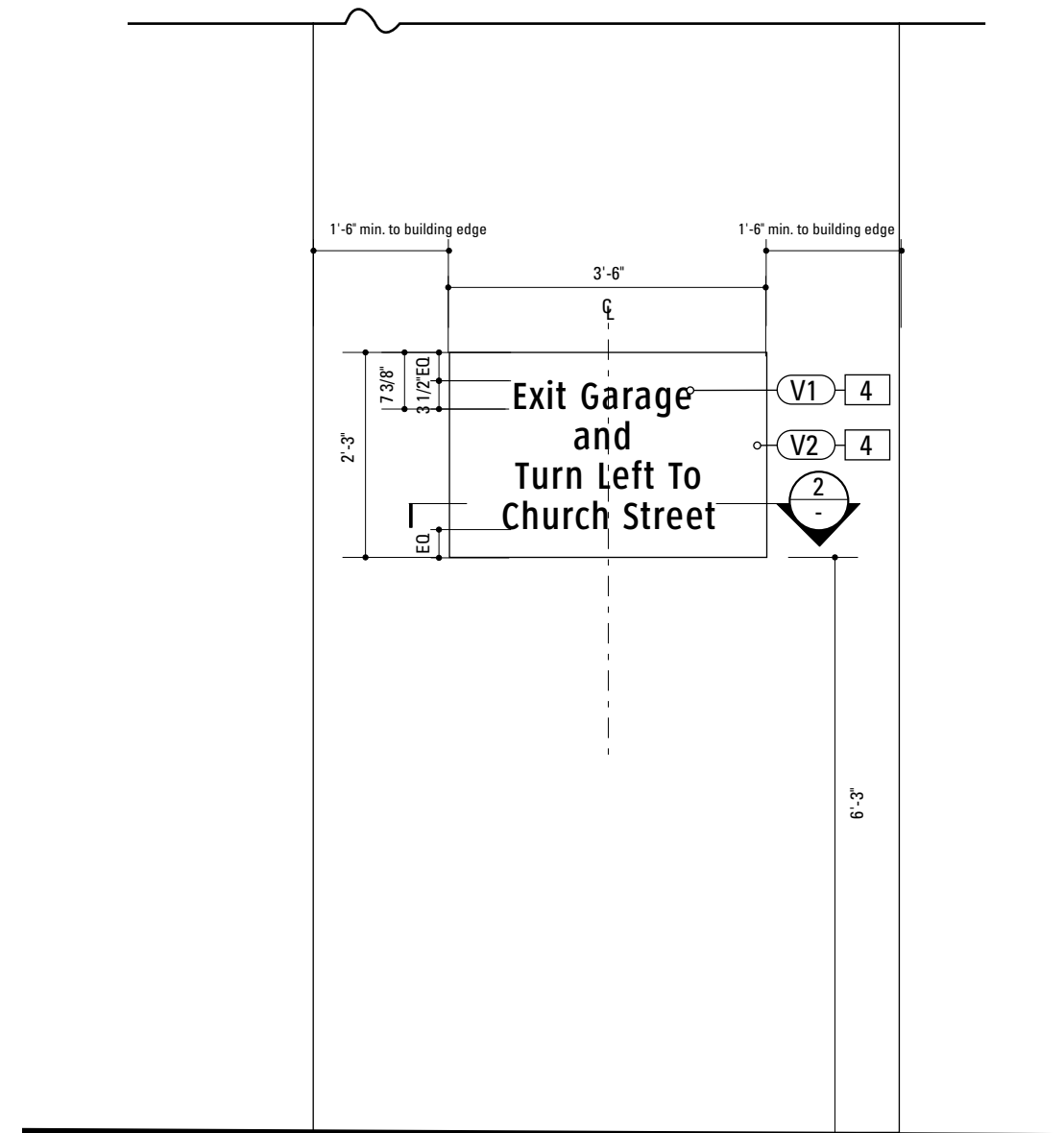
3 Back Elevation: VDIR.5
SCALE: 1/2" = 1'-0"

- 1. 4" ROUND POLE**
MATERIAL: 4" dia, 1/4" thick Aluminum round tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FOOTER: TRANSPO Break-safe or MDOT approved equal.
REFER TO SECTION G FOR FOOTERS
- 2. DECORATIVE CLAMHELL BASE**
PRODUCT: Hapco Homewood Two-Piece Base (HOC), 4" butt diameter, 7 1/2" diameter base
EDGES: Smooth
COLOR: Custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened around 4" pole
- 3. SLEEVE**
MATERIAL: 1/4" thk Aluminum square tube
FABRICATION PROCESS: Extruded / cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Mechanically fastened to pole
- 4. SIGN PANEL**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Continuous weld to sleeve

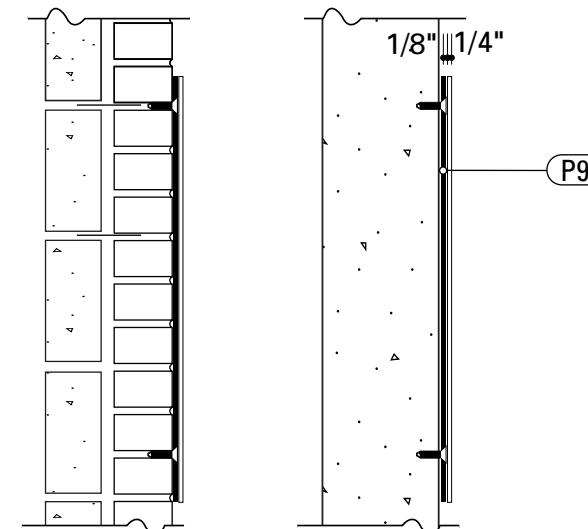
Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications
- 5. KEYSTONE**
MATERIAL: 1/4" thk Aluminum
FABRICATION PROCESS: Contour Cut
EDGES: Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces
FASTENER: Chemical weld to sign panel
- 6. EXPOSED FASTENER**
PRODUCT: Heavy Hex Head Bolt
SIZE: As required
MATERIAL: Stainless Steel
FINISH: Painted
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces

- 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.

ENVIRONMENTS & EXPERIENCES 		CLIENT / PROJECT	
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SUBCONSULTANT		SHEET TITLE	
DATE 12/17/2008	DRAWN BY: GS/KG/KB	VDIR.5 Vehicular Directional	
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REVISIONS		SHEET NO.	
		D.36	



1 Front Elevation: PARK.25
SCALE: 1/2" = 1'-0"



2 Section: PARK.25
SCALE: 1" = 1'-0"

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Square Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Chemically Welded to Backer Panel

BACKER PANEL
 MATERIAL: 1/8" thk Aluminum
 FABRICATION PROCESS: Square Cut to match dimensions of sign panel
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: mechanically fasten to existing wall. Anchor suitable for wall material. Allowable shear capacity of anchor = 50 lbs. (min). 8 Anchors, with 1 anchor placed at each corner. Stud Mount Welded or countersunk to sign panel.

COPY ARROW RULE BACKGROUND
 PRODUCT: 3M Engineer Grade reflective sheeting
 MATERIAL: vinyl
 FABRICATION PROCESS: Electronically cut / Applied
 COLOR: custom, as noted

NOTES

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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.

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SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE PARK.25 Parking Directional
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REVISIONS		SHEET NO. D.37



SPECIFICATIONS **SIGN TYPE:** MURAL.1 **FUNCTION:** Wall Mural

Painted Wall Mural

Style: Trompe L'Oeil
 Surface: Existing Brick
 Size: 40ft x 30ft
 Note: Artwork Shown for Style and Content only. The Artist is to provide an example proof for client review and approval.

competent workmen and apprentices under proper supervision. Employees shall be paid fair wages in accordance with rates agreed. A member firm shall, if so requested, make recommendations as to the materials to be used, such materials to be of good quality and to be used in accordance with the makers' recommendations.

Code Of Practice

1. At all times so order their conduct as to uphold the integrity, and to carry out work in accordance with good practice and recognized standards, of the painting and decorating industry and pay particular regard to the maintenance and observance of this Code.

4. Contractor shall arrange, and at all times maintain, adequate insurance cover in respect of employers' liability, public liability and any such other liability risks as may be determined necessary by the type of work undertaken.

2. Contractor shall submit a written quotation for work to be undertaken, unless the work is of such intricate a nature as to preclude the submission of a fair quotation; in such cases, it should be pointed out to the client that it would be to the advantage of both parties if the work were to be carried out on a day work basis. (ii) In such cases, prior to the commencement of any work, the client should be informed of the day work rates for labour and materials; daywork sheets and/or fully costed timesheets should be presented to the client if so requested.(iii) A member firm shall be under no obligation to submit an estimate merely for establishing the value of an insurance or other claim; but if an estimate is submitted for such purpose, a fee may be charged therefor.(iv) Any quotation submitted shall be fair to both parties and shall be such as to yield a reasonable profit for a fair job.

5. Contractor shall always recommend to the client a method of treatment which will give a good and lasting job. When working to a specification, the terms thereof shall be faithfully carried out. When asked to recommend a specification, a member firm shall recommend one which shall be adequate for its purpose.(ii) The attention of the client or his representative shall be drawn to any apparent shortcomings which exist in a specification, but no responsibility will be accepted for work which the client has requested to be carried out in direct conflict with the member firm's professional advice.(iii) Having complied with clause 5.(ii), no member firm shall have any responsibility for an inadequate specification prepared by a professional architect or surveyor.

3. Contractor shall so conduct its business that all work shall be executed by

6 Contractor shall guarantee its work against failures due to its defective workmanship for a period of six months from the date of completion of the work.

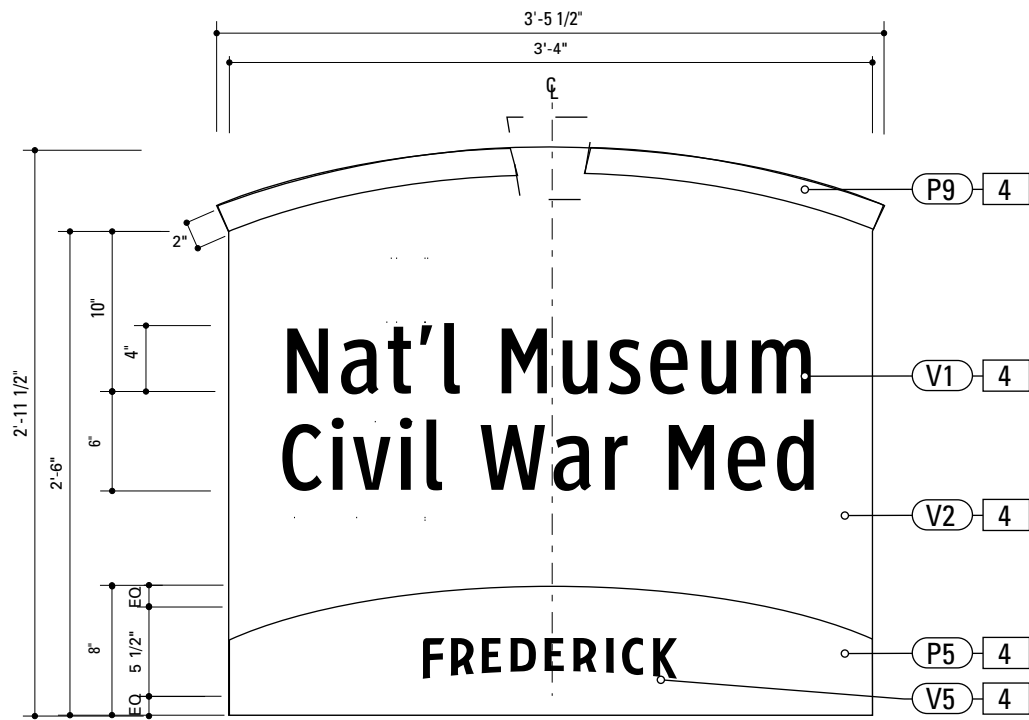
7 Contractor shall comply with the regulations of the City of Frederick

NOTES

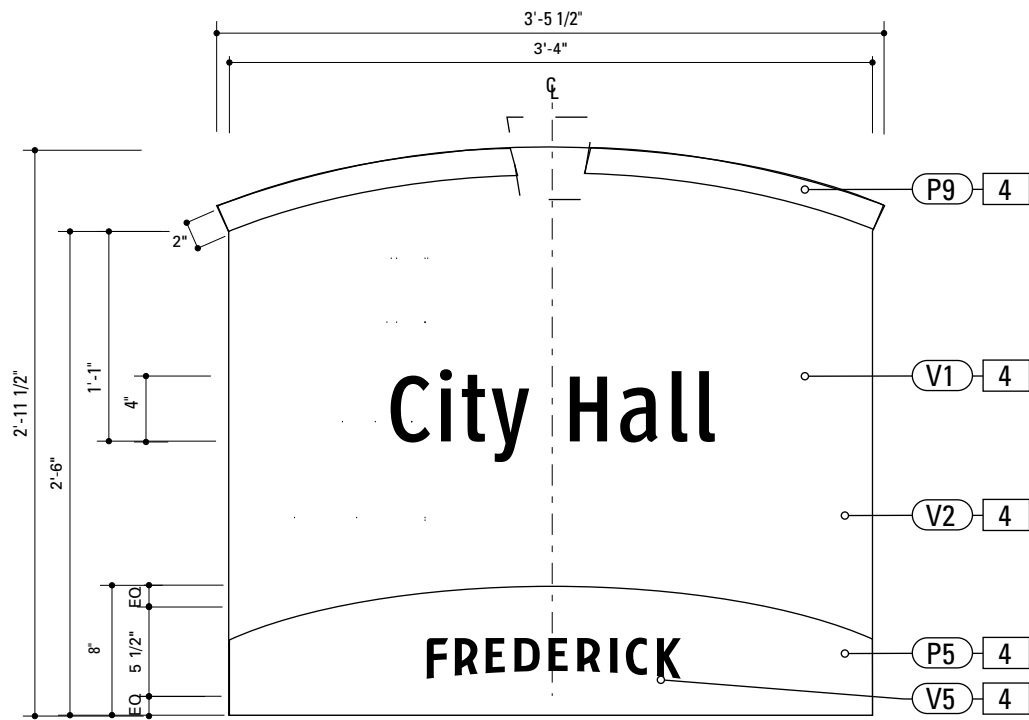
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2. Welds: All welds shall be ground smooth, paint all seams.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. All exposed edges painted to match adjacent face.

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SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE MURAL.1 Wall Mural
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REVISIONS		SHEET NO. D.38

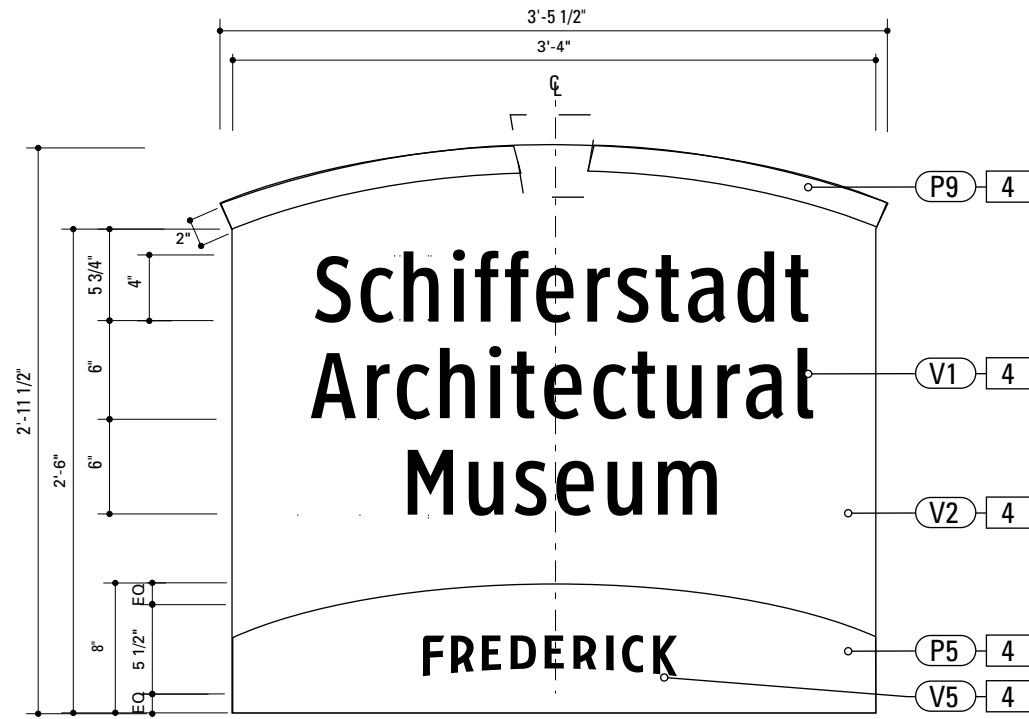
E. Graphic Layouts



1 Graphic Layout: DEST.1
SCALE: 1" = 1'-0"



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



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

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

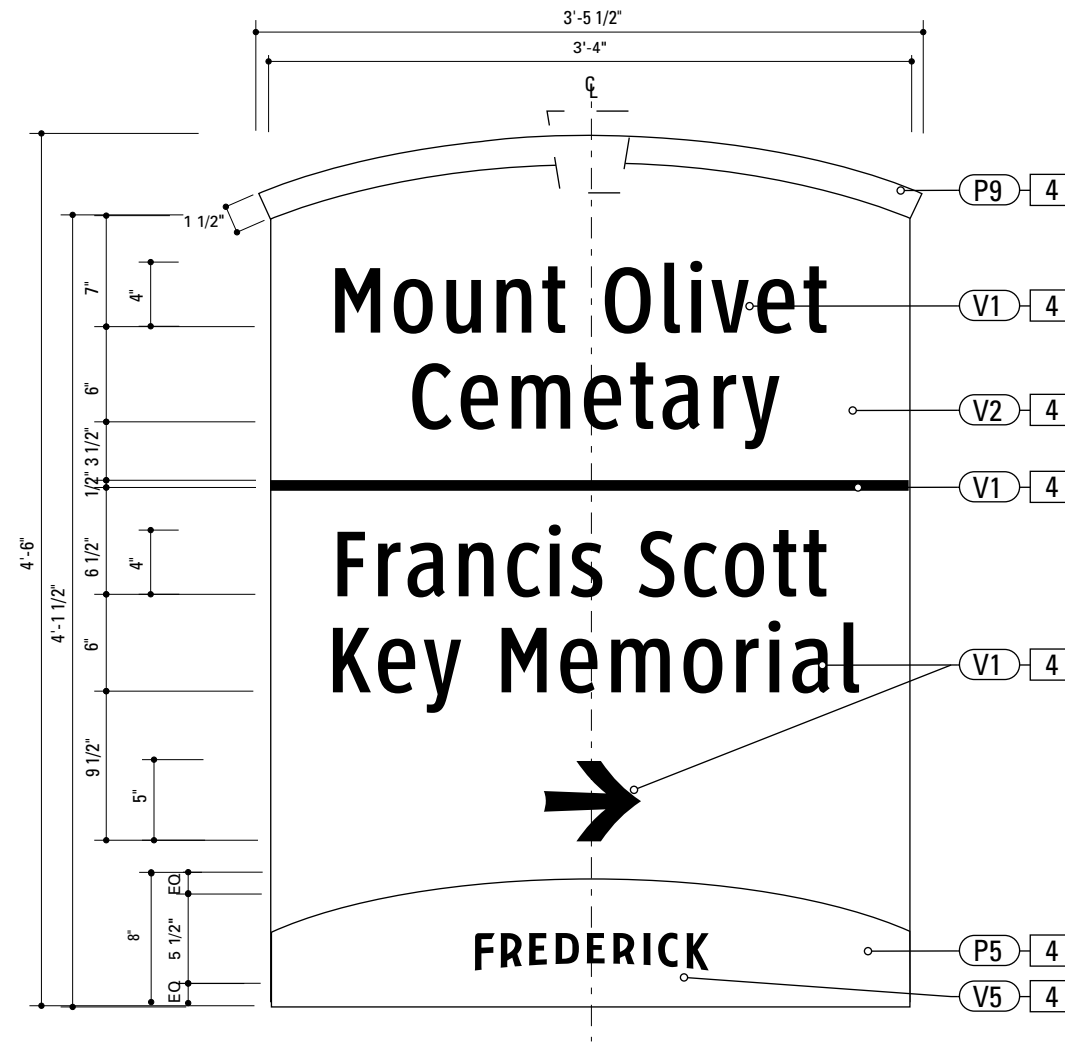
Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

- 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.

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SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE DEST.1 Graphic Layout
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		
REVISIONS		SHEET NO. E.1

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications



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

NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. 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.

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DATE 12/17/2008 DRAWN BY: GS/KG/KB

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REVISIONS

SHEET TITLE
DEST.2
Description

SHEET NO.
E.2

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

9. BACKER PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

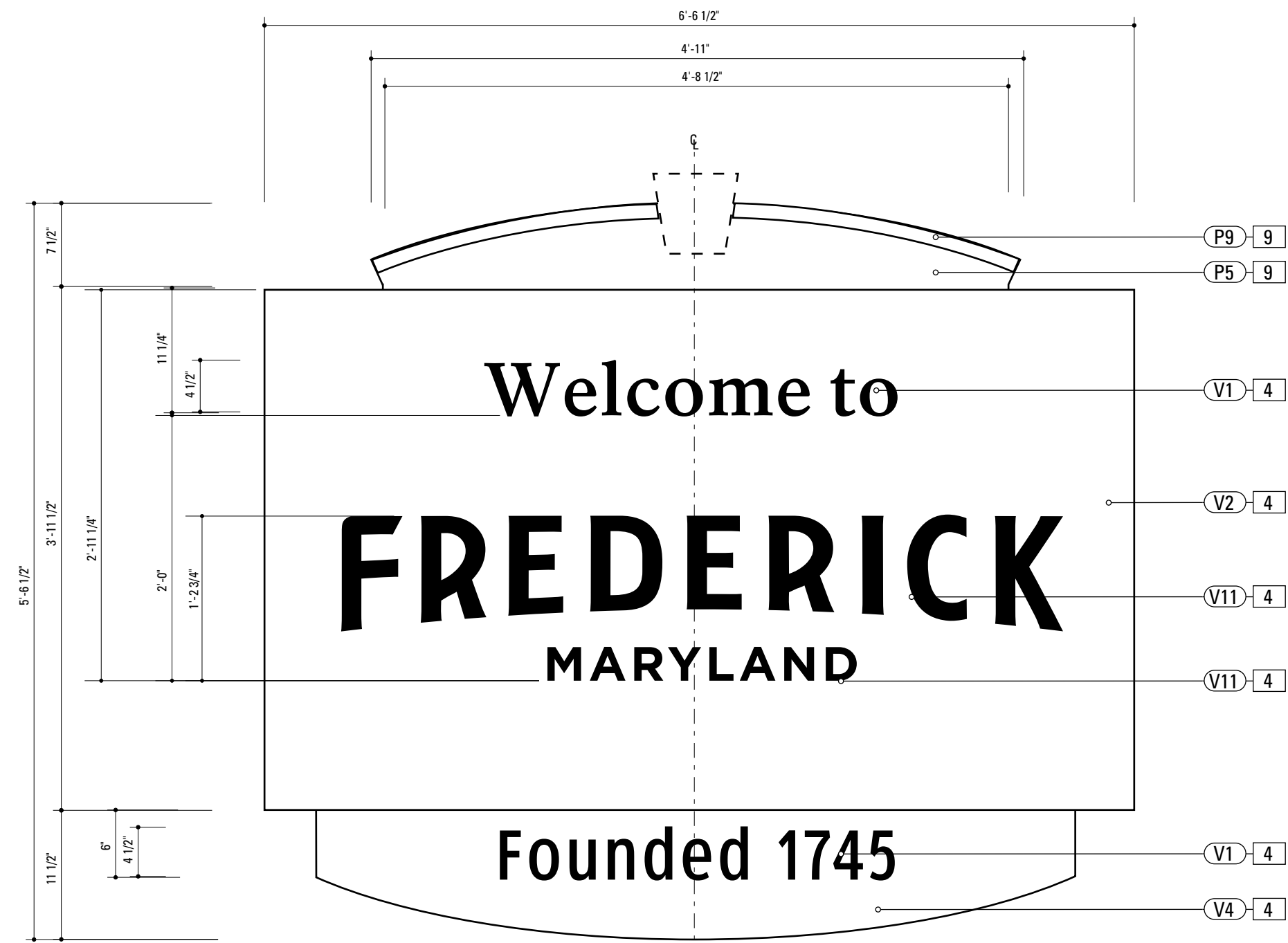
Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

NOTES

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3. Hardware: All exposed hardware shall be tamper proof fasteners.
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	City of Frederick, MD Wayfinding & Signage Program
PROJECT NO. Y41.07961.000	

SUBCONSULTANT		SHEET TITLE
DATE	DRAWN BY:	
12/17/2008	GS/KG/KB	GATE.1 Description
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REVISIONS		SHEET NO.
		E.3



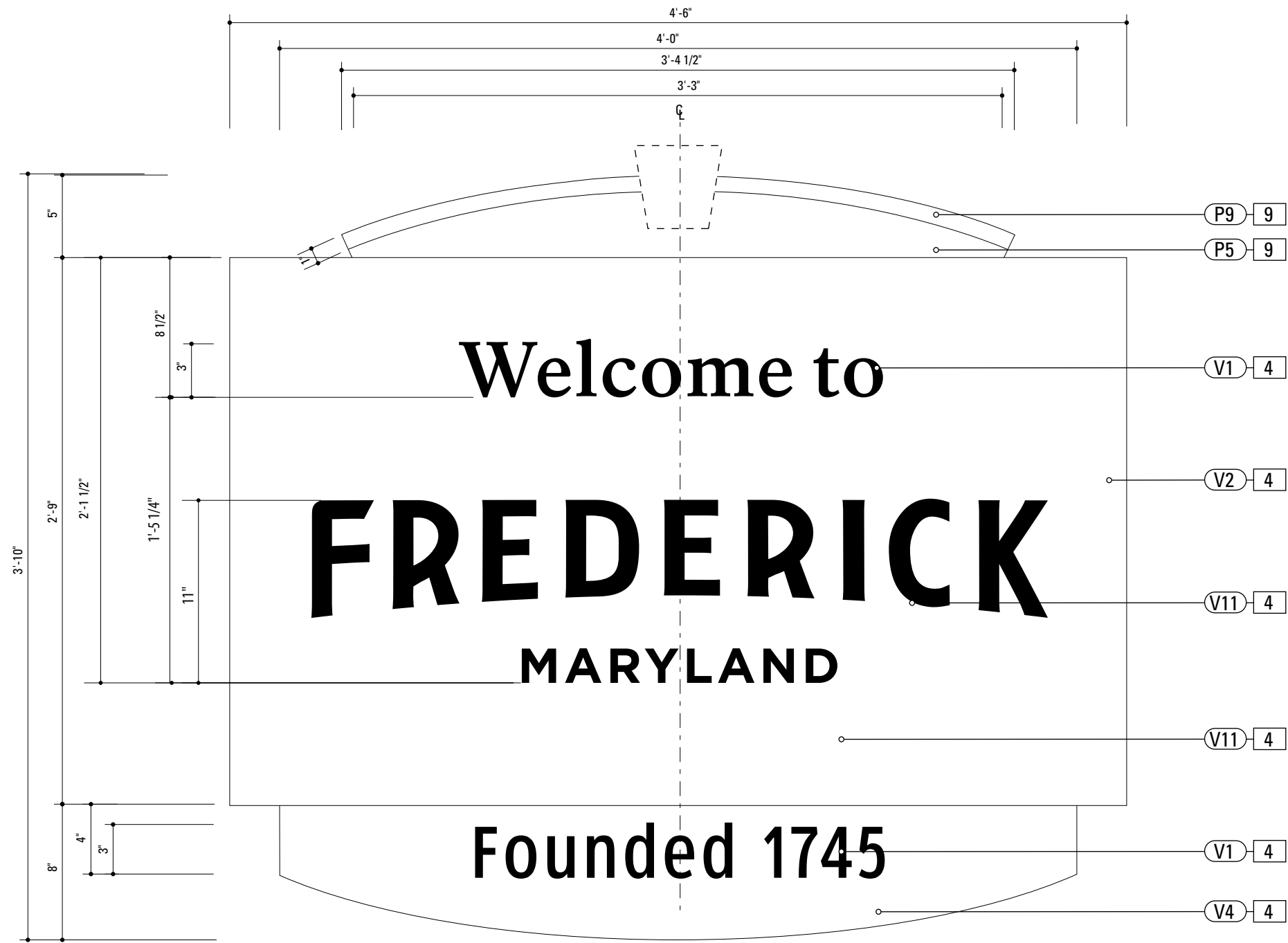
1 Graphic Layout: GATE.1
 SCALE: 1" = 1'-0"

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

9. BACKER PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications



1 Graphic Layout: GATE.2
 SCALE: 1/8" = 1"

- NOTES**
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
 2. 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.

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DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE GATE.2 Graphic Layout
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REVISIONS		SHEET NO. E.4

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

9. BACKER PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications



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

NOTES

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SUBCONSULTANT		PROJECT NO. Y41.07961.000	
DATE	12/17/2008	DRAWN BY:	GS/KG/KB
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		GATE.11 Description	
		SHEET NO.	
		E.5	

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications



1 Graphic Layout: GATE.12
 SCALE: 1/8" = 1"

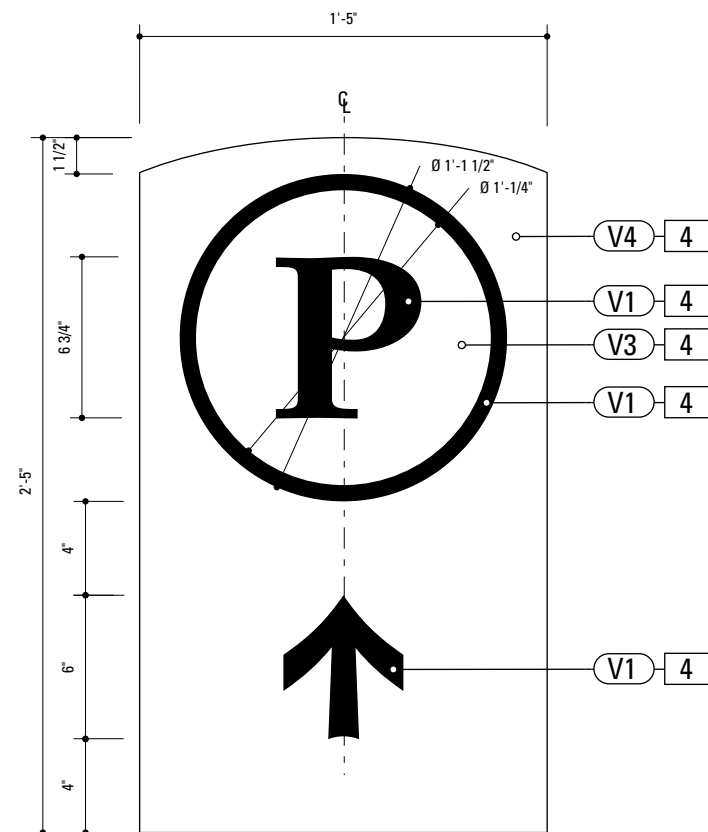
NOTES

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. 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.

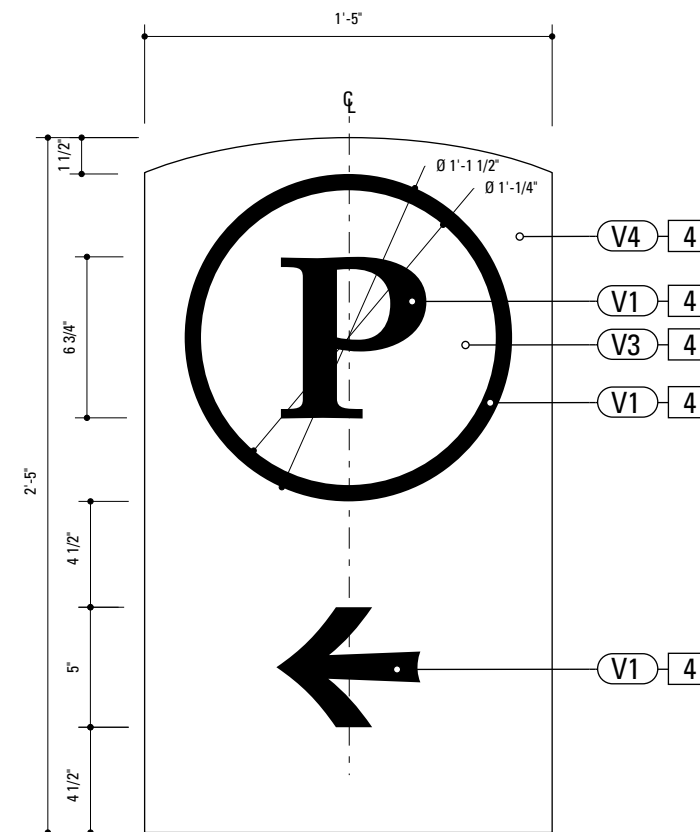
ENVIRONMENTS & EXPERIENCES merJe The Widener Building, Suite 1500 One South Penn Square Philadelphia, PA 19107 T 215.599.4407 F 215.636.9989 www.merjedesign.com		CLIENT / PROJECT City of Frederick, MD Wayfinding & Signage Program
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DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE GATE.12 Graphic Layout
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REVISIONS		SHEET NO. E.6

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications



1 Graphic Layout: PARK.1
 SCALE: 1/8" = 1"



2 Alt. Graphic Layout: PARK.1
 SCALE: 1/8" = 1"

NOTES

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SHEET TITLE

DATE 12/17/2008

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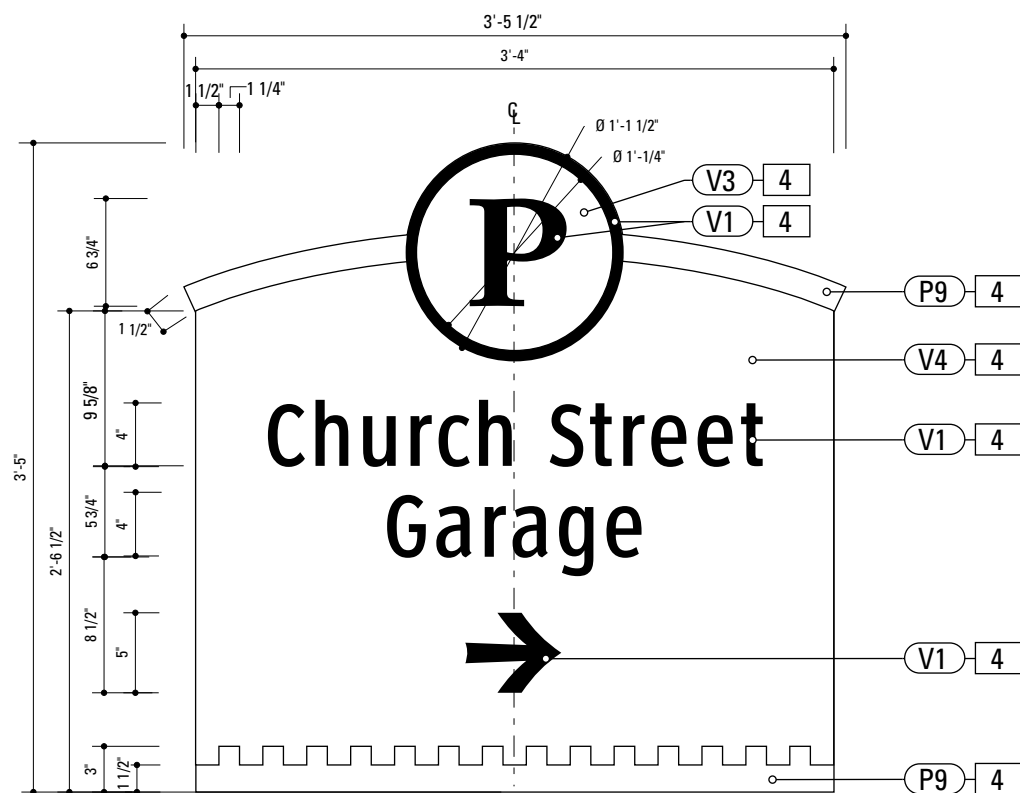
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REVISIONS

PARK.1
Graphic Layout

SHEET NO.

E.7



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

SPECIFICATIONS SIGN TYPE: PARK.2 FUNCTION:

- 4. SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

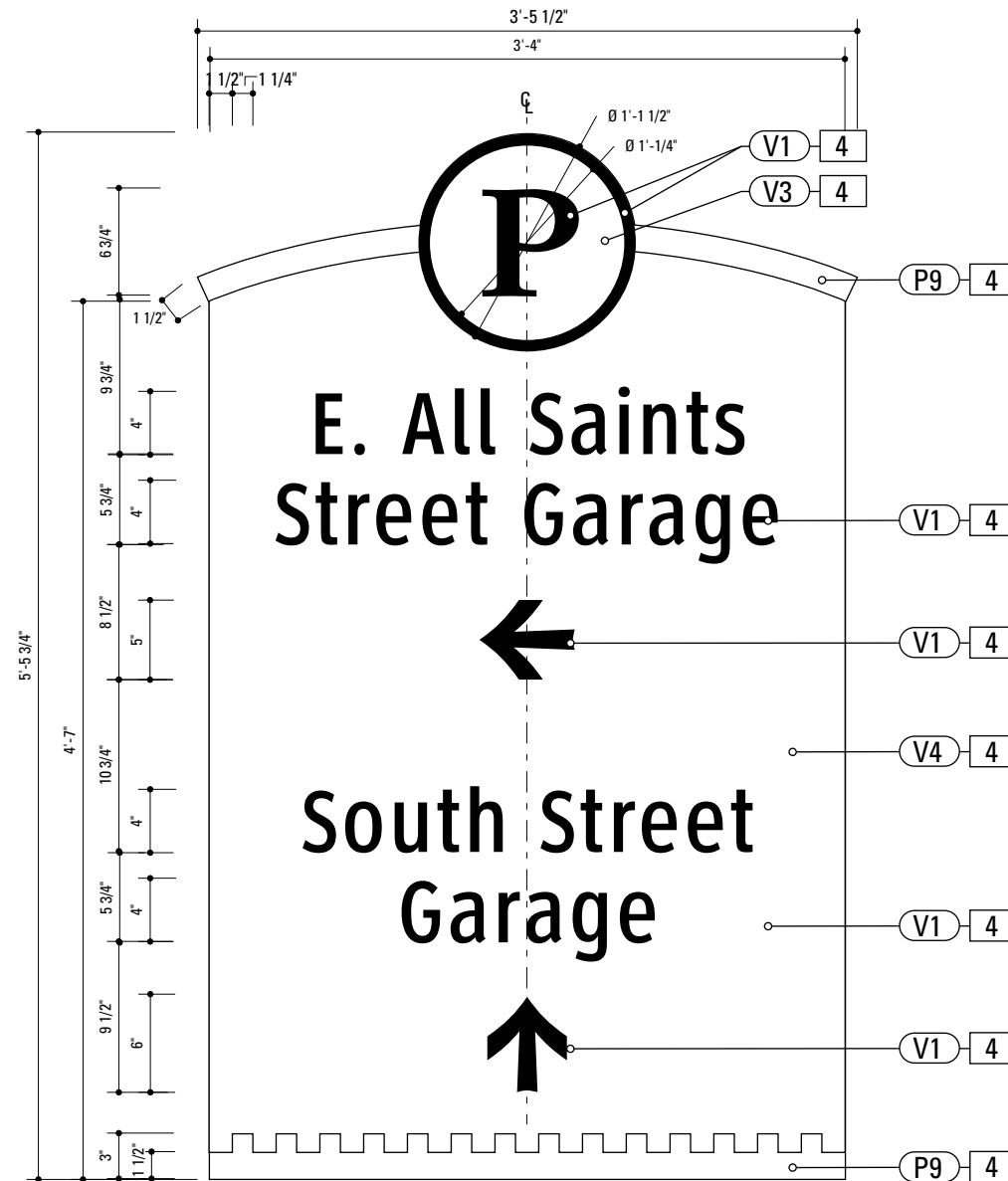
NOTES

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4. All exposed edges painted to match adjacent face.

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DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE PARK.2 Graphic Layout
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REVISIONS		SHEET NO. E.8

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

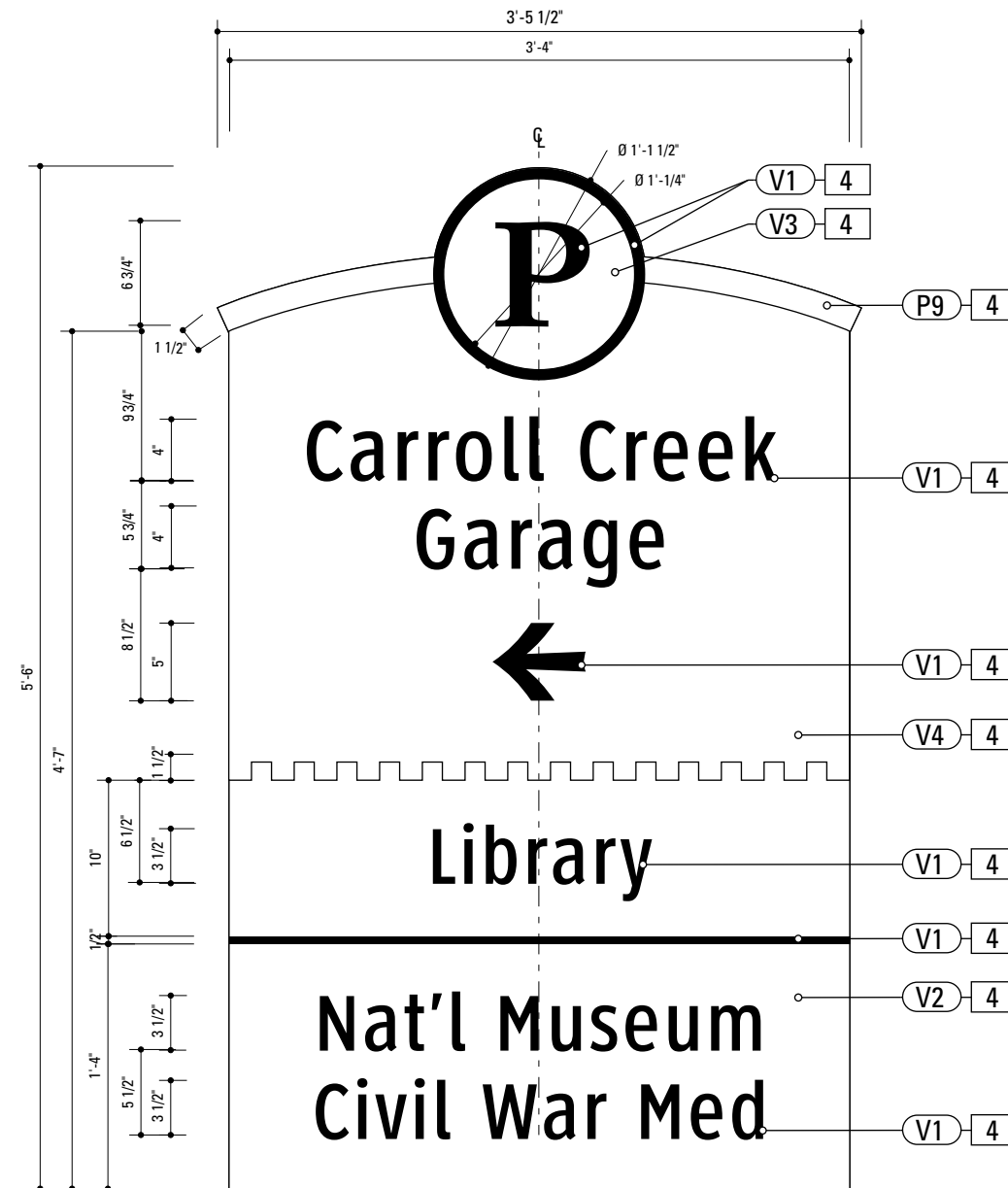
Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications



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

- NOTES**
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 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.

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DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE PARK.3 Graphic Layout
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REVISIONS		SHEET NO. E.9



1 Alt. Graphic Layout: PARK.4
SCALE: 1" = 1'-0"

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

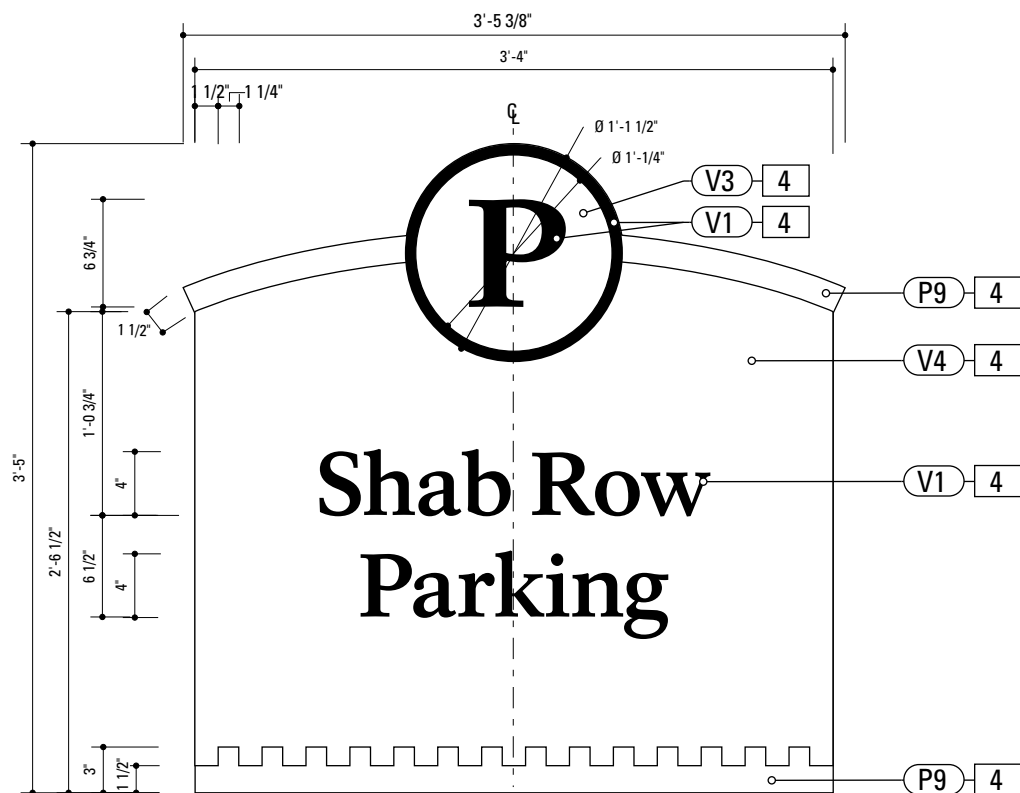
NOTES

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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.

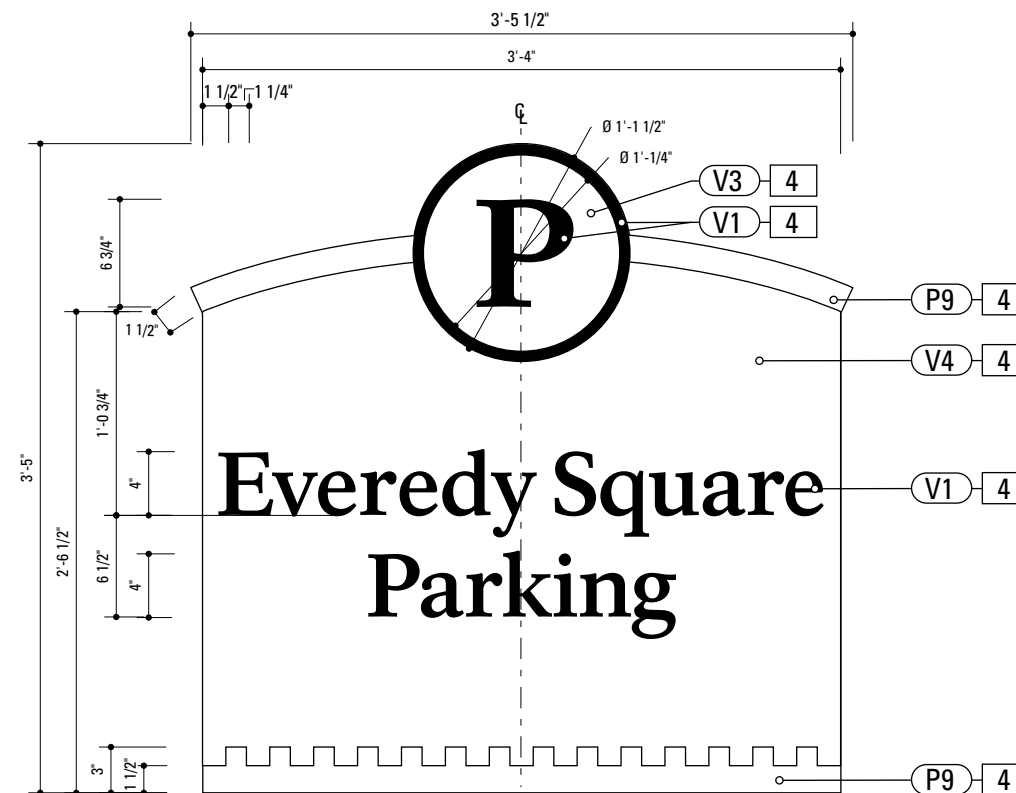
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SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE
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		SHEET NO.
		E.10

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications



1 Graphic Layout: PARK.10.1
 SCALE: 1" = 1'-0"



2 Alt. Graphic Layout: PARK.10.2
 SCALE: 1" = 1'-0"

NOTES

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DATE 12/17/2008

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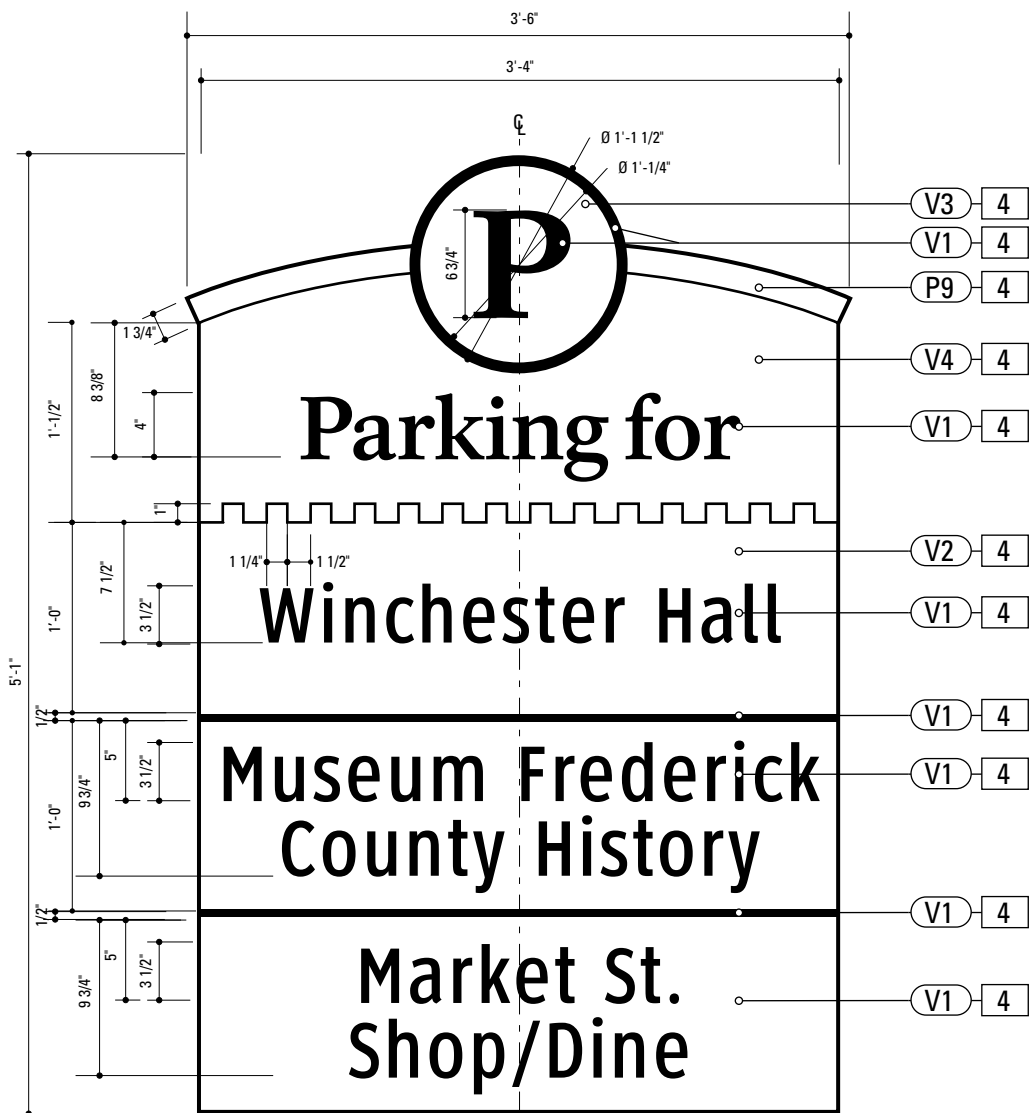
PARK.10.1 -PARK.10.2
Graphic Layout

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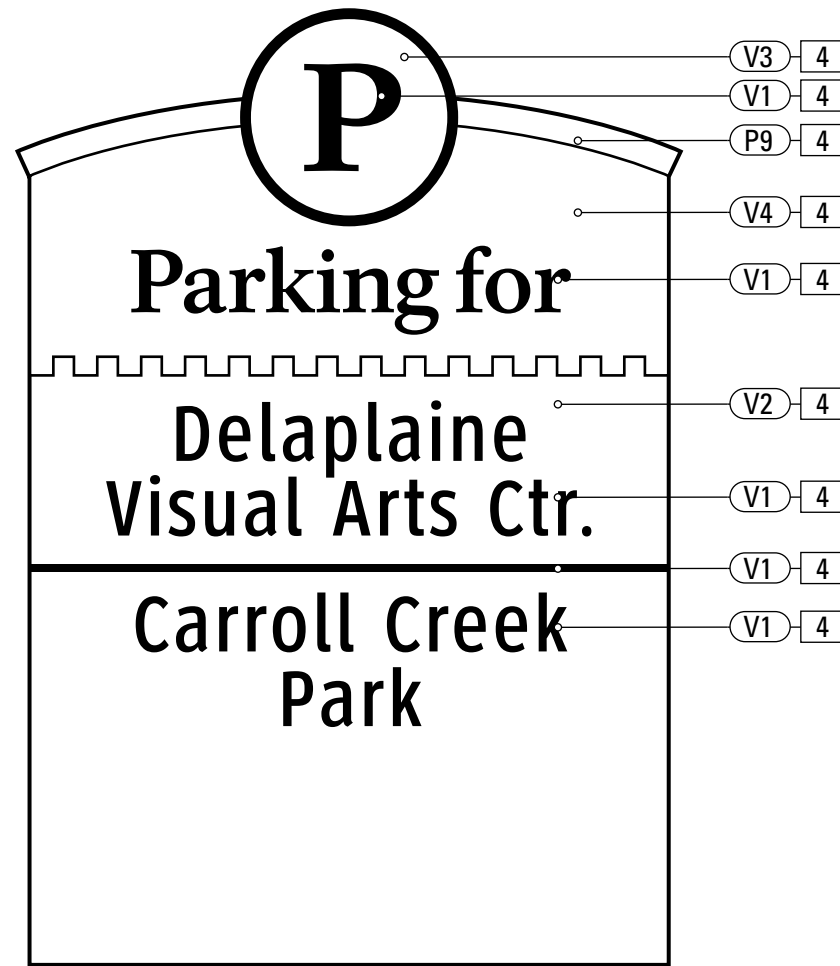
REVISIONS

SHEET NO.

E.11



1 Graphic Layout: PARK.11.1
SCALE: 1" = 1'-0"



2 Graphic Layout: PARK.11.1
SCALE: 1" = 1'-0"

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Square Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Chemically Welded to Backer Panel

BACKER PANEL
 MATERIAL: 1/8" thk Aluminum
 FABRICATION PROCESS: Square Cut to match dimensions of sign panel
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: mechanically fasten to existing wall. Anchor suitable for wall material. Allowable shear capacity of anchor = 50 lbs. (min). 8 Anchors, with 1 anchor placed at each corner. Stud Mount Welded or countersunk to sign panel.

COPY ARROW RULE BACKGROUND
 PRODUCT: 3M Engineer Grade reflective sheeting
 MATERIAL: vinyl
 FABRICATION PROCESS: Electronically cut / Applied
 COLOR: custom, as noted

NOTES

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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.

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REVISIONS

SHEET TITLE

PARK.11
Graphic Layout

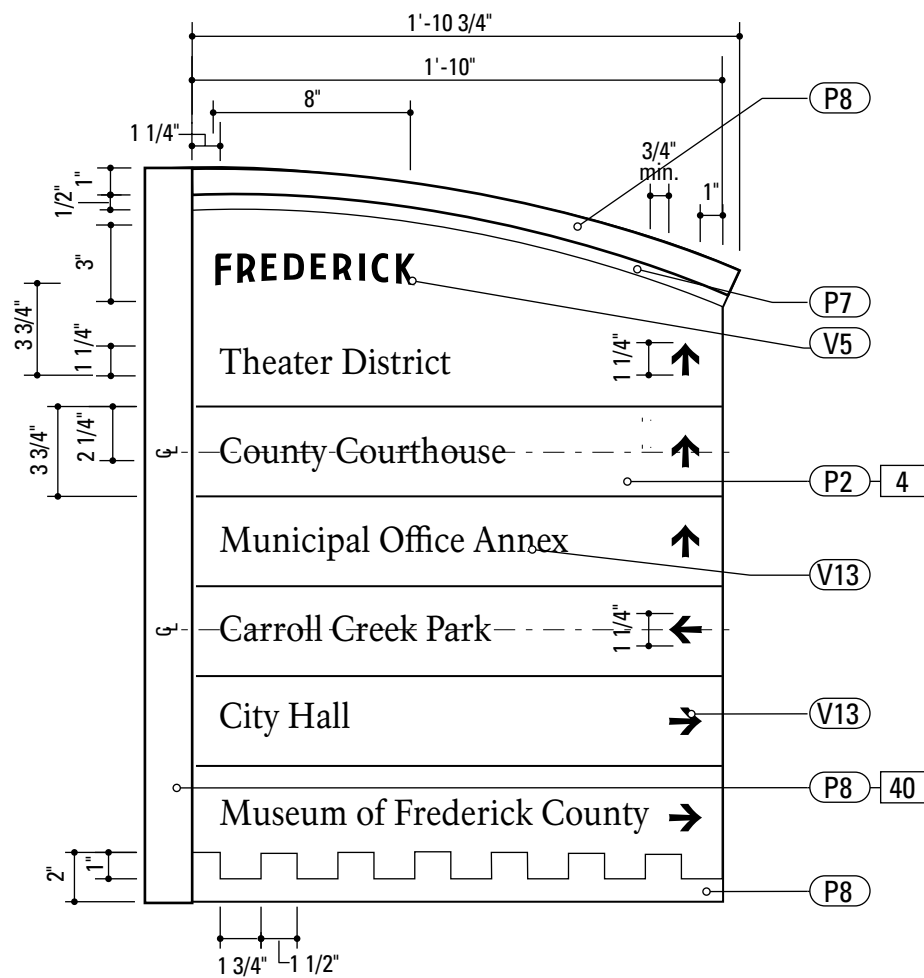
SHEET NO.

E.12

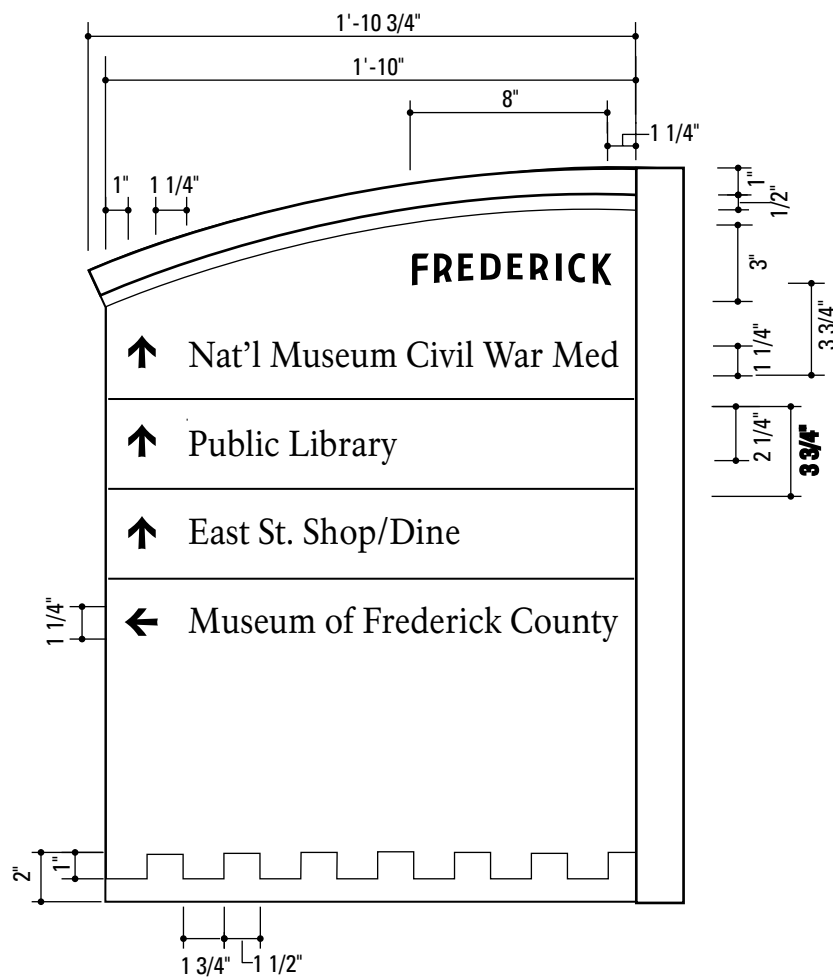
4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

40. SUPPORT CHANNEL EXTRUSION
 PRODUCT: Custom
 MATERIAL: Aluminum
 FABRICATION PROCESS: Extruded
 FINISH: Standard
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Mech. Fasten to Sign Panel



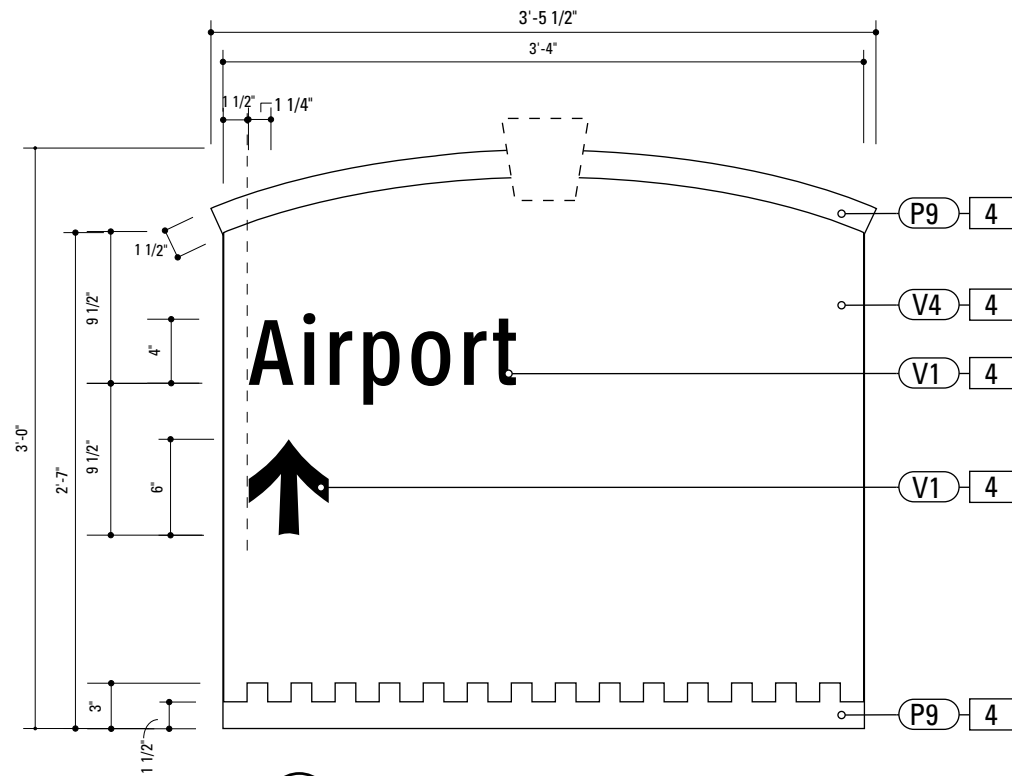
1 Graphic Layout: PED.1.1/PED.2.1
 SCALE: 1/8" = 1"



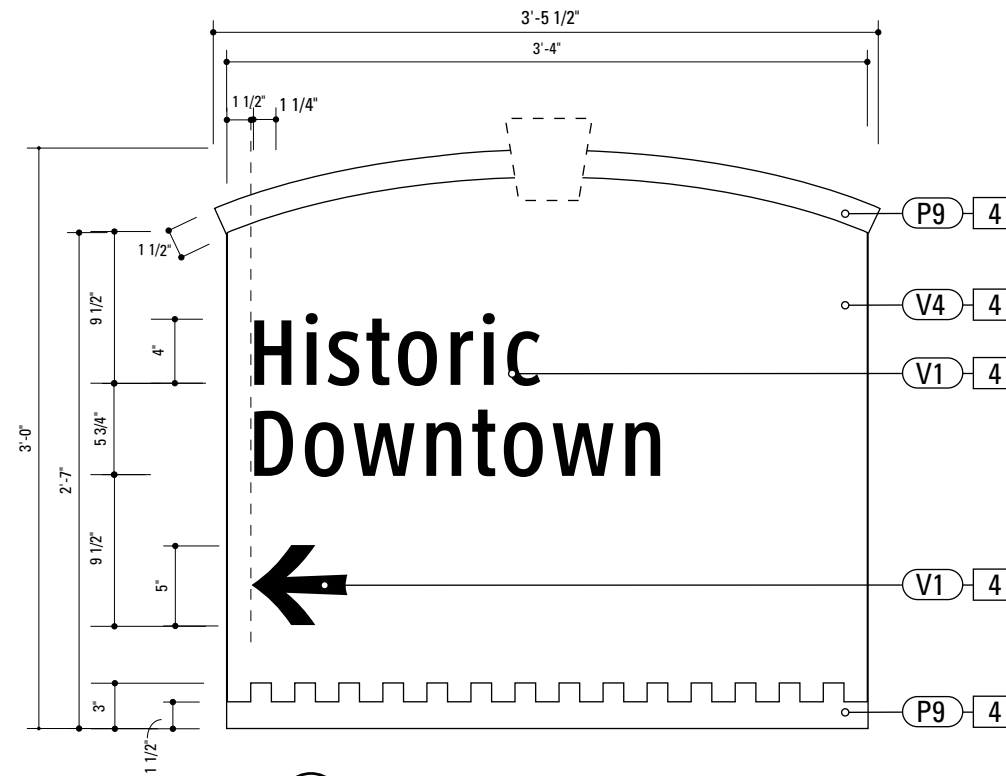
2 Graphic Layout: PED.1.1/PED.2.1
 SCALE: 1/8" = 1"

- NOTES**
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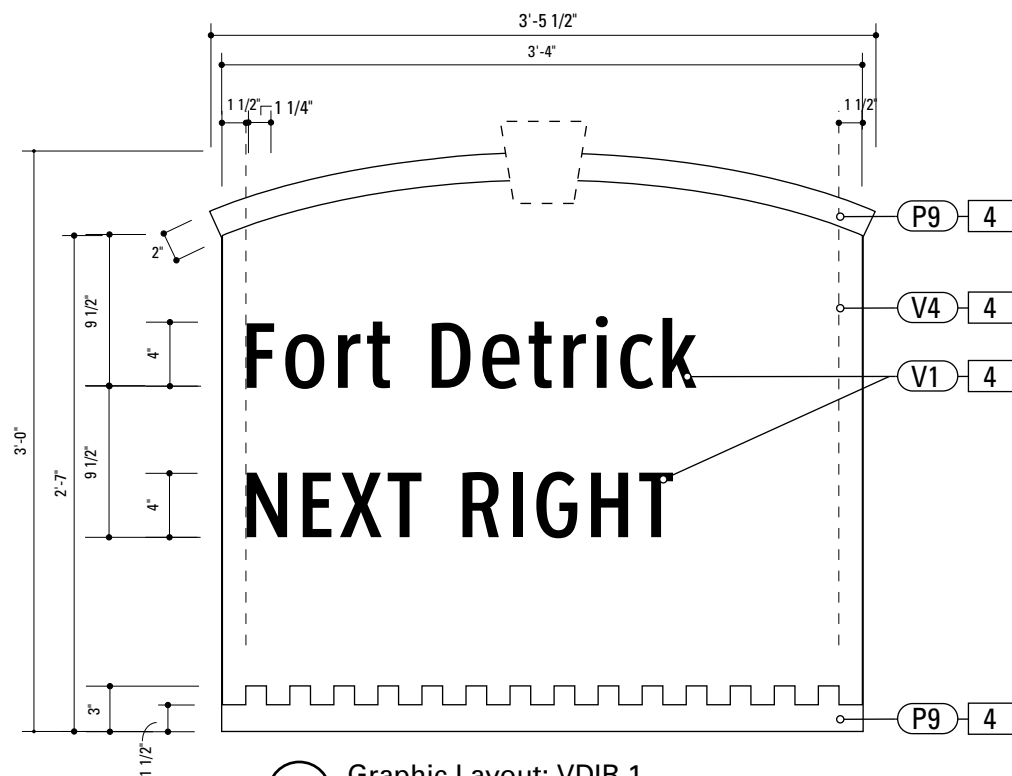
ENVIRONMENTS & EXPERIENCES merje The Widener Building, Suite 1500 One South Penn Square Philadelphia, PA 19107 T 215.599.4407 F 215.636.9989 www.merjedesign.com		CLIENT / PROJECT
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SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE
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		SHEET NO.
		E.13



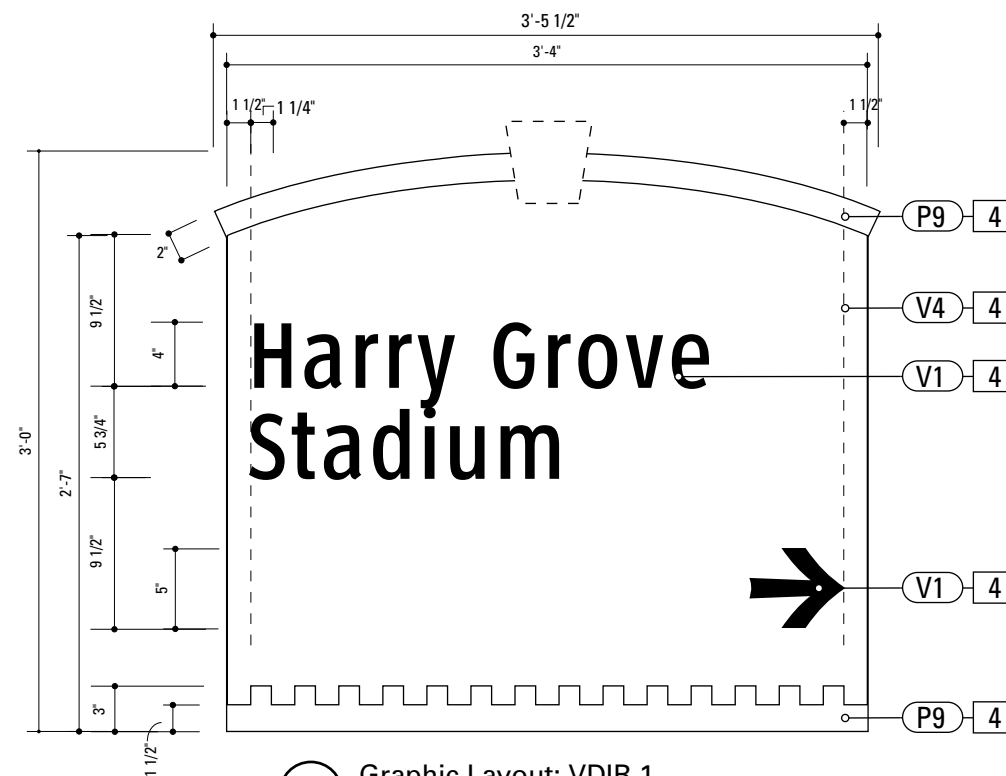
1 Graphic Layout: VDIR.1
SCALE: 1" = 1'-0"



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



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



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

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

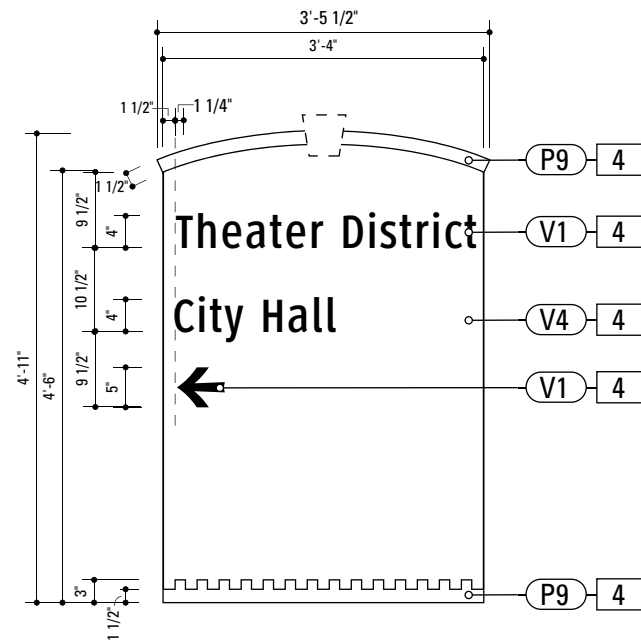
Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

- 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.

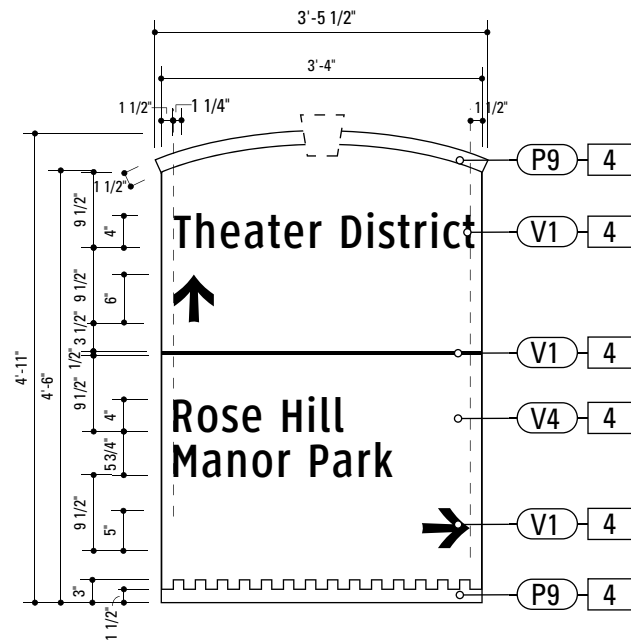
ENVIRONMENTS & EXPERIENCES merje The Widener Building, Suite 1500 One South Penn Square Philadelphia, PA 19107 T 215.599.4407 F 215.636.9989 www.merjedesign.com		CLIENT / PROJECT City of Frederick, MD Wayfinding & Signage Program
SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE VDIR.1 Graphic Layout
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		
REVISIONS		SHEET NO. E.14

- 4. SIGN PANEL**
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

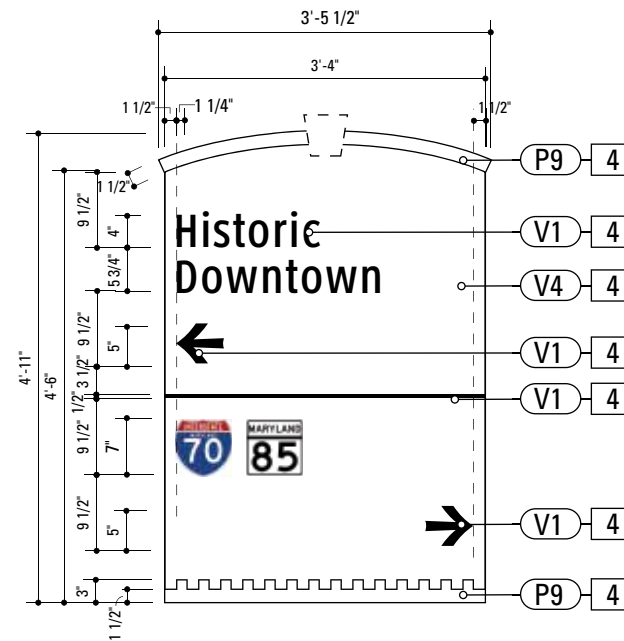
Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications



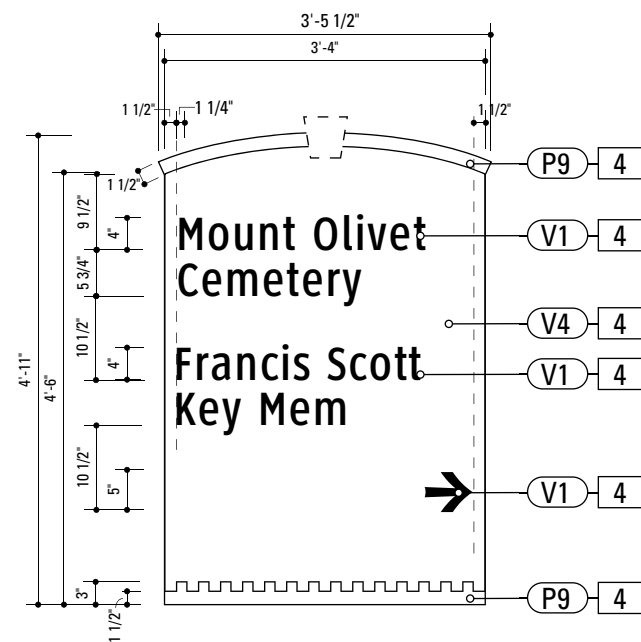
1 Graphic Layout: VDIR.2
 SCALE: 1/2" = 1'-0"



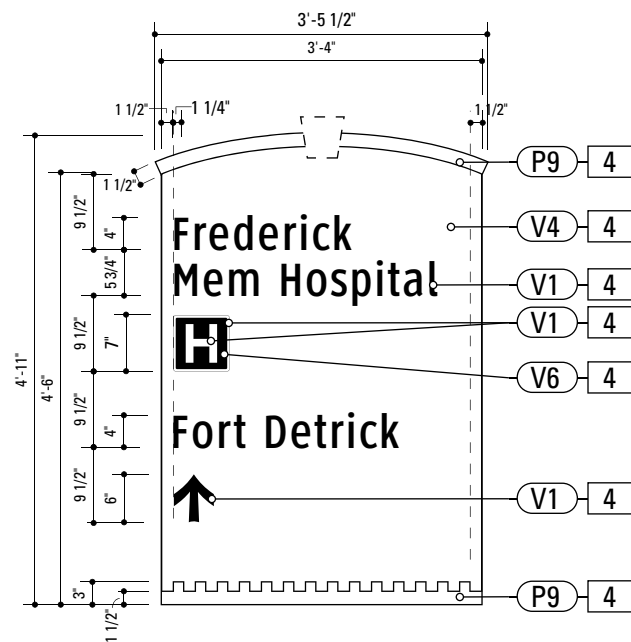
2 Alt. Graphic Layout: VDIR.2
 SCALE: 1/2" = 1'-0"



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



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



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

NOTES

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4. All exposed edges painted to match adjacent face.

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PROJECT NO. Y41.07961.000

SUBCONSULTANT

SHEET TITLE

DATE 12/17/2008

DRAWN BY: GS/KG/KB

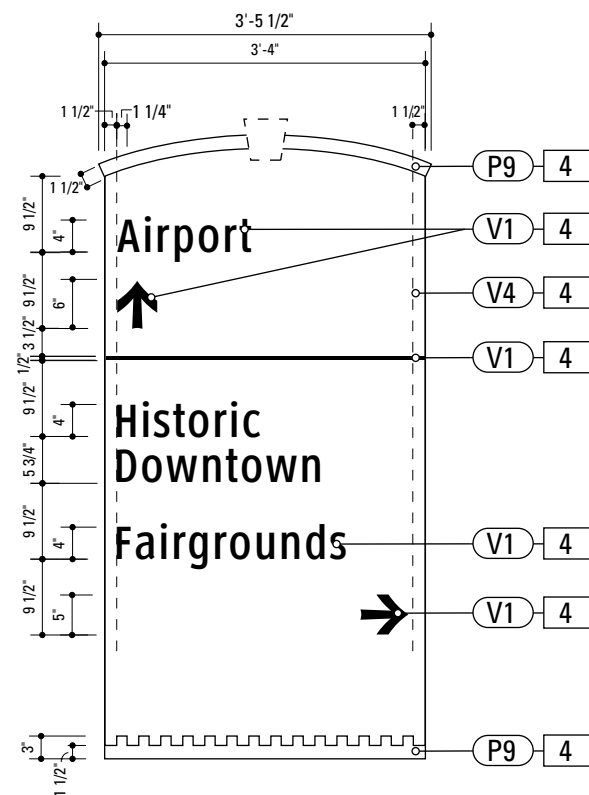
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REVISIONS

VDIR.2
Graphic Layout

SHEET NO.

E.15



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



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

v

- NOTES**
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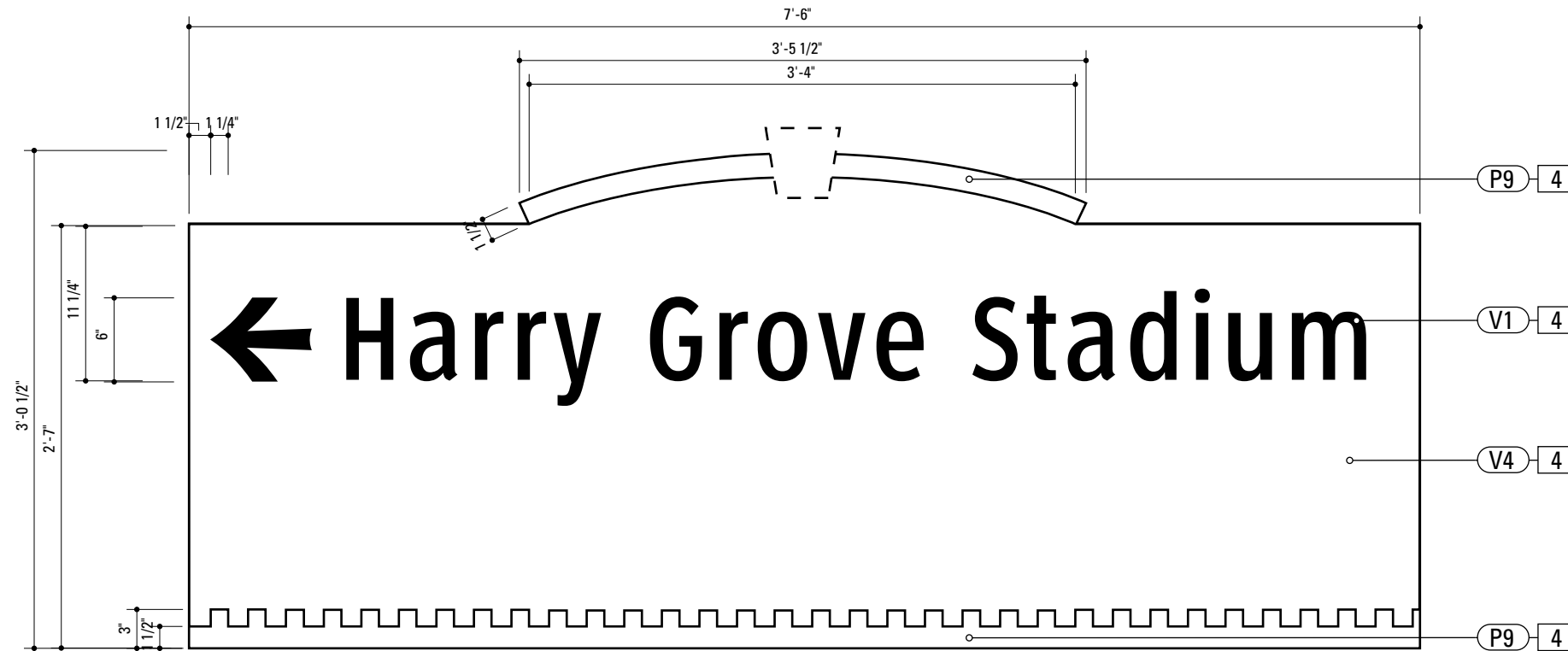
<p>ENVIRONMENTS & EXPERIENCES</p> <p>merJe</p> <p>The Widener Building, Suite 1500 One South Penn Square Philadelphia, PA 19107 T 215.599.4407 F 215.636.9989 www.merjedesign.com</p>		<p>CLIENT / PROJECT</p> <p>City of Frederick, MD Wayfinding & Signage Program</p>
<p>SUBCONSULTANT</p>		<p>PROJECT NO. Y41.07961.000</p>
<p>DATE 12/17/2008</p>	<p>DRAWN BY: GS/KG/KB</p>	<p>SHEET TITLE</p> <p>VDIR.3 Graphic Layout</p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		
<p>REVISIONS</p>		<p>SHEET NO.</p> <p>E.16</p>

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

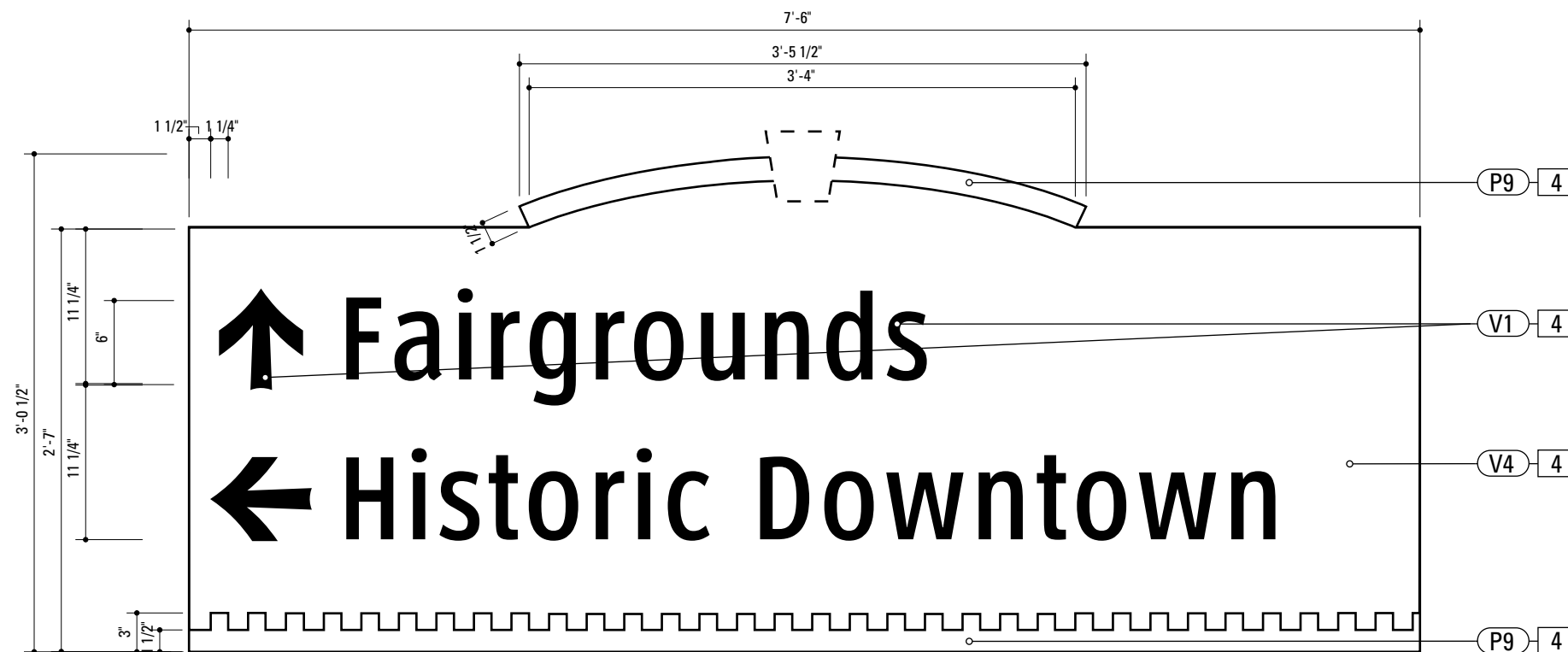
Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

- NOTES**
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		City of Frederick, MD Wayfinding & Signage Program
SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE
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		SHEET NO.
		E.17



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



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

4. SIGN PANEL
 MATERIAL: 1/4" thk Aluminum
 FABRICATION PROCESS: Contour Cut
 EDGES: Smooth
 COLOR: custom, as noted
 SURFACE PROCESS: Paint all exposed surfaces
 FASTENER: Continuous weld to sleeve

Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications

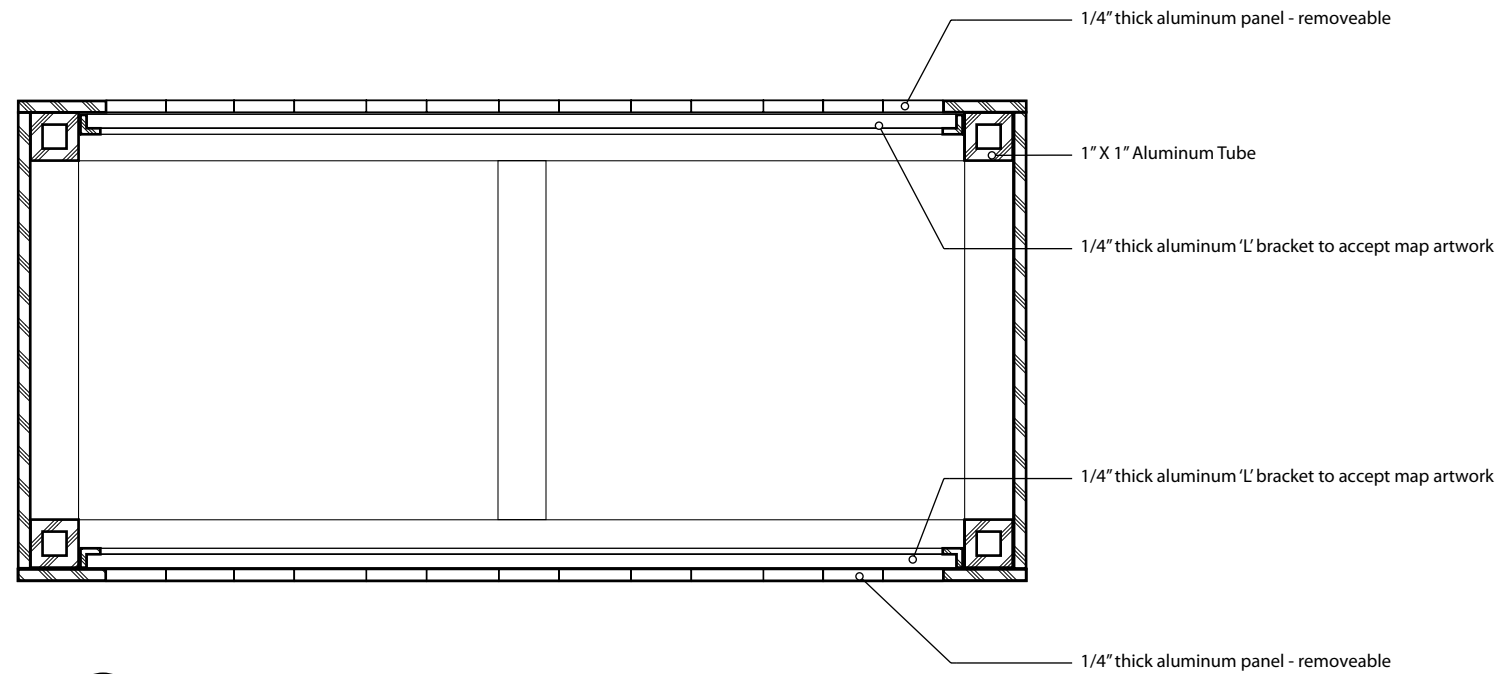
- NOTES**
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SUBCONSULTANT		PROJECT NO. Y41.07961.000
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE VDIR.5 Vehicular Directional
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REVISIONS		SHEET NO. E.18



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

F. Construction Details

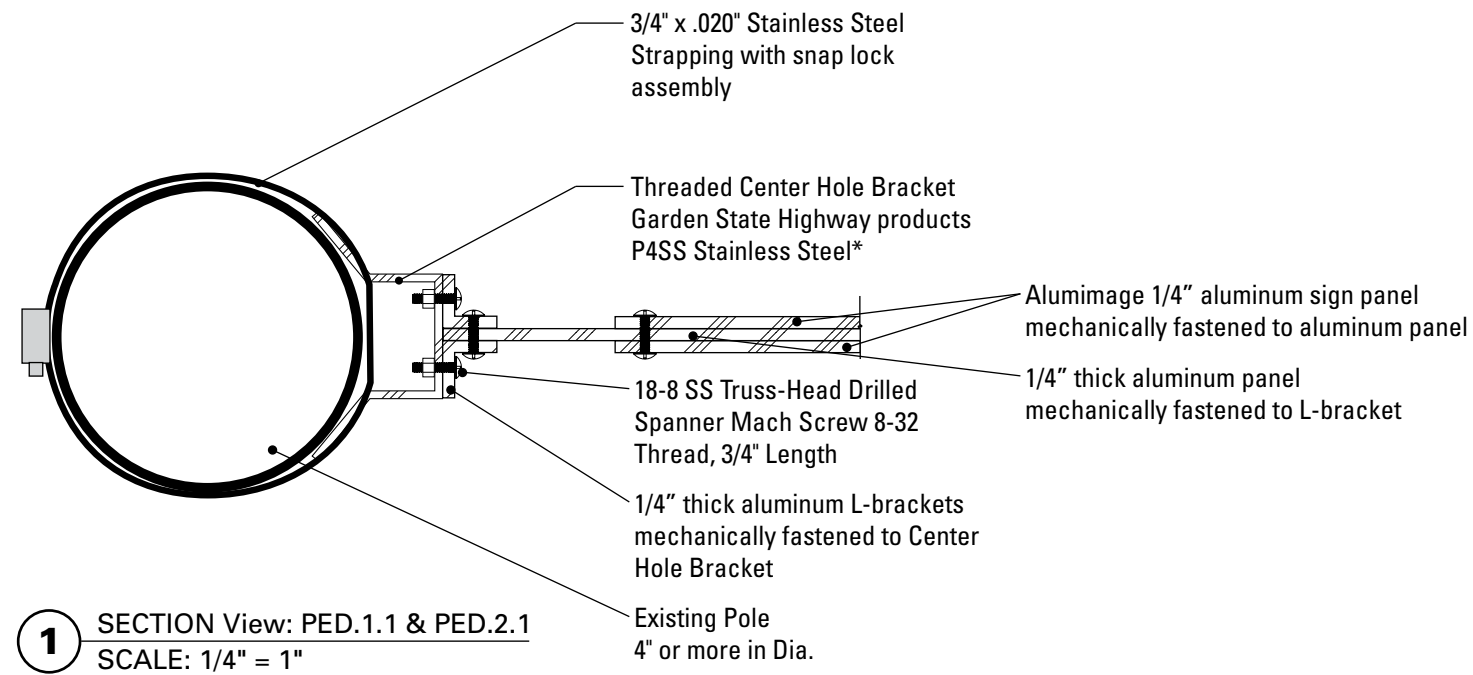


1 Section: KIOSK.1
SCALE: 1/4" = 1"

NOTES

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<p>ENVIRONMENTS & EXPERIENCES</p> <p>merJe</p> <p>The Widener Building, Suite 1500 One South Penn Square Philadelphia, PA 19107 T 215.599.4407 F 215.636.9989 www.merjedesign.com</p>		CLIENT / PROJECT	
		<p>City of Frederick, MD Wayfinding & Signage Program</p>	
SUBCONSULTANT		PROJECT NO. Y41.07961.000	
DATE 12/17/2008	DRAWN BY: GS/KG/KB	SHEET TITLE	
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>	REVISIONS	<p>KIOSK.1 Section</p>	
		SHEET NO.	
		F.1	



1 SECTION View: PED.1.1 & PED.2.1
SCALE: 1/4" = 1"

NOTES

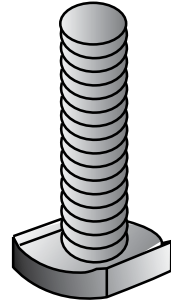
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<p>DATE 12/17/2008</p>	<p>DRAWN BY: GS/KG/KB</p>	<p>SHEET TITLE</p> <p>PED.1 Section</p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		
<p>REVISIONS</p>		<p>SHEET NO.</p> <p>F.2</p>

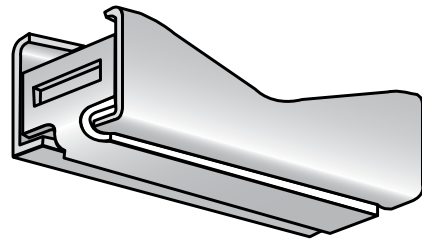
Lip-Lok Bolt Assembly

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.

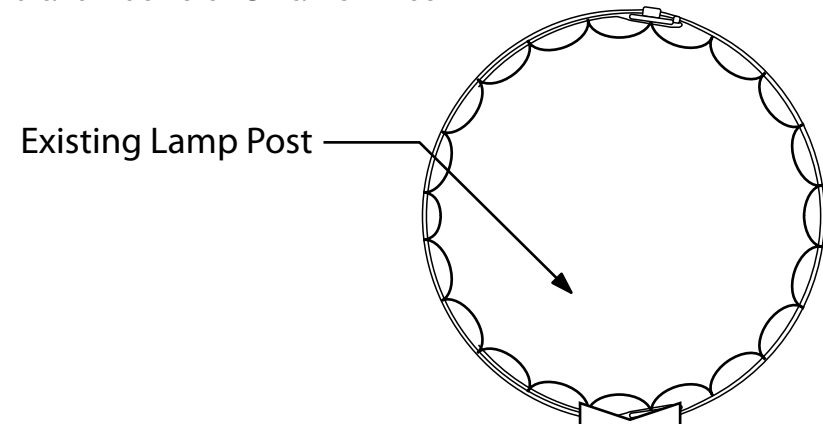


Universal Channel Clamp




SX0220

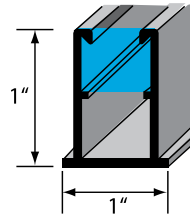
- Compatible with all SIGNFIX Channel extrusions.
- During installation, the assembly becomes fully adjustable to any size or style sign post when used with BAND-IT Band and Buckle or Ultra-Lok Free End System.



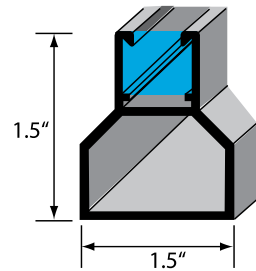
Support Channel Extrusions

For mounting and stiffening any size sign.

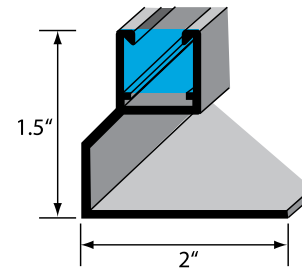
 SIGNFIX Channel Extrusions have identical configurations allowing the use of all SIGNFIX hardware with any extrusion.



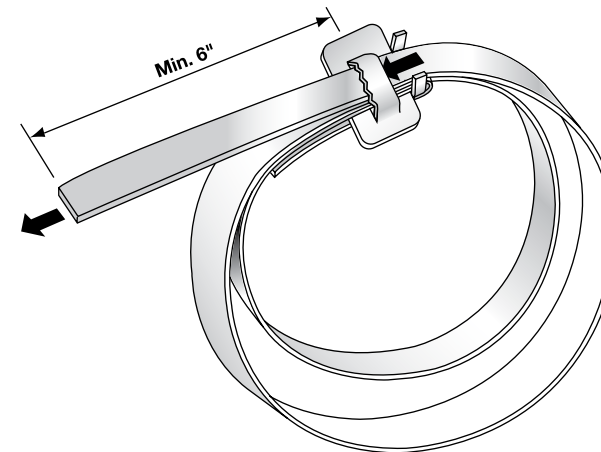
SX0073 Medium Channel Extrusion
10' Stock Length



SX0130 Large Channel Extrusion
10' Stock Length



SX0090 Large Corner Angle Channel Extrusion
10' Stock Length



SPECIFICATIONS

SIGN TYPE: PARK.1-2 **FUNCTION:** Parking Directional

NOTES

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REVISIONS

PARK.1, PARK.2
Mounting Detail

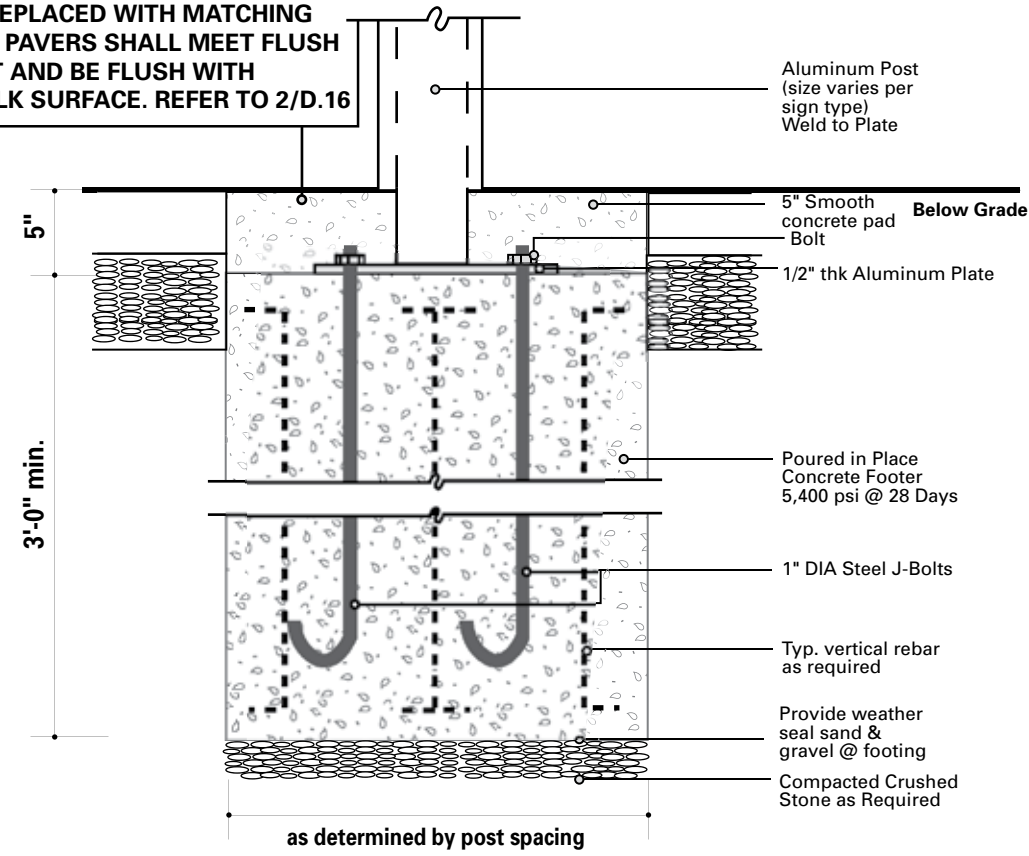
SHEET NO.

F.3

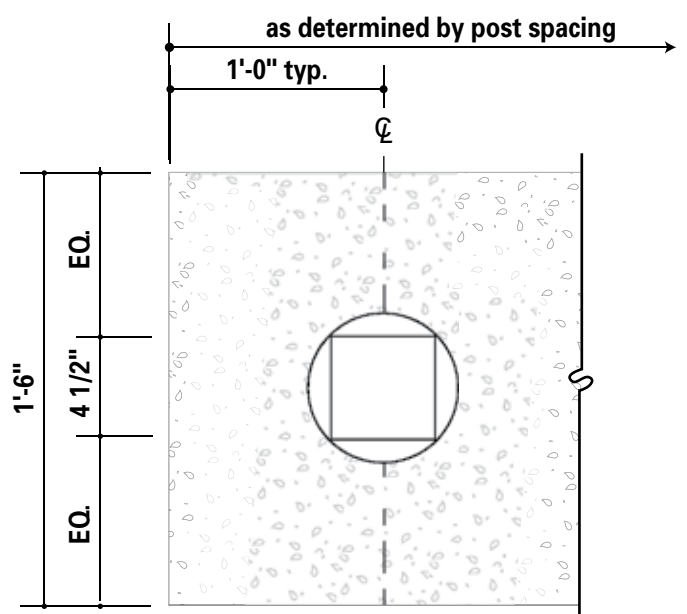
1 Mounting Detail Section View: PARK.1/2
SCALE: 1/2" = 1"

G. Footer Details

NOTE: FOR SIGNS THAT MOUNT INTO BRICK PAVERS, CONCRETE PAD IS REPLACED WITH MATCHING PAVERS. PAVERS SHALL MEET FLUSH TO POST AND BE FLUSH WITH SIDEWALK SURFACE. REFER TO 2/D.16

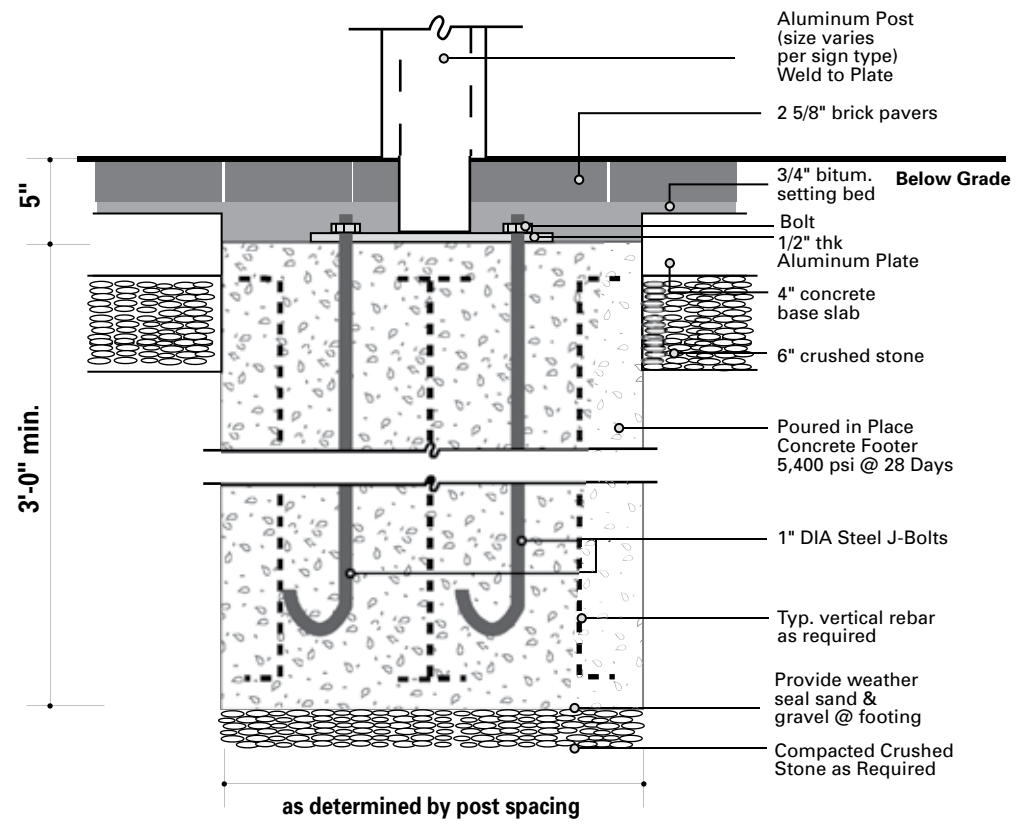


1 Section: J-Bolt MOUNTING - Concrete Pavement Surface
SCALE: 1" = 1' - 0"



3 Plan View of Footer Detail
SCALE: 1/8" = 1"

Smooth concrete pad with color additive to match existing adjacent concrete



2 Section: J-Bolt MOUNTING - Brick Pavers Surface
SCALE: 1" = 1' - 0"

SPECIFICATIONS

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

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

Where a basement/vault interferes with a proposed location. The sign shall be relocated to a location deemed appropriate by the City of Frederick Department of Public Works

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

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

NOTE:
1) SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 POUNDS PER SQUARE FOOT. SOIL UNIT WEIGHT OF 125 PCF AND FRICTION ANGLE OF 30 DEGREES (ASSUMED).

2) CONCRETE STRENGTH AT 28 DAYS F'C=4,000 PSI REINFORCEMENT SHALL BE ASTM 36 FY=60,000 PSI

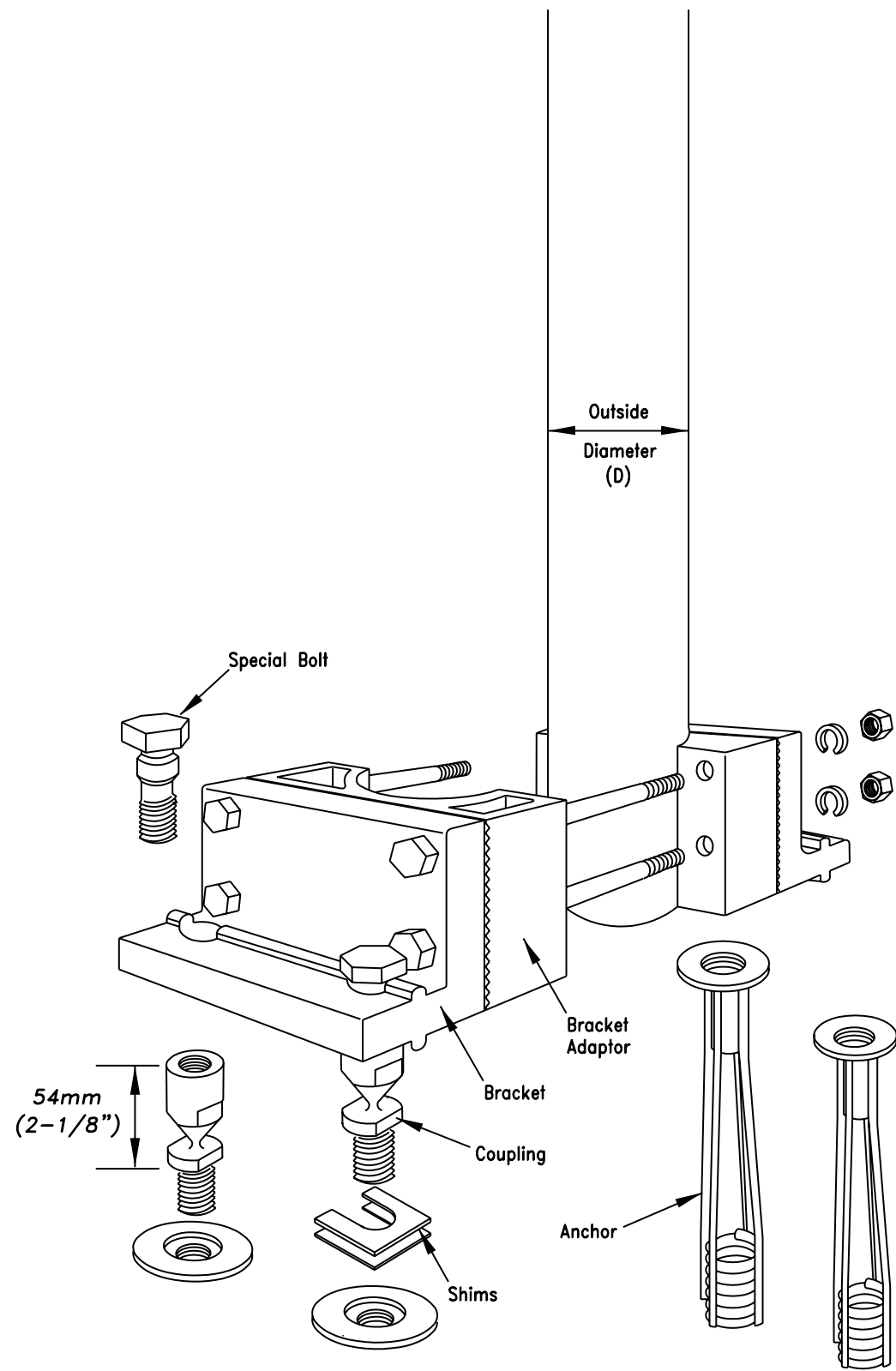
3) FOLLOW 2008 MDOT DESIGN STANDARDS FOR MATERIAL AND CONSTRUCTION INFORMATION FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS

4) FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS

NOTES

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SUBCONSULTANT		PROJECT NO. Y41.07961.000	
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REVISIONS		SHEET NO.	
		G.1	

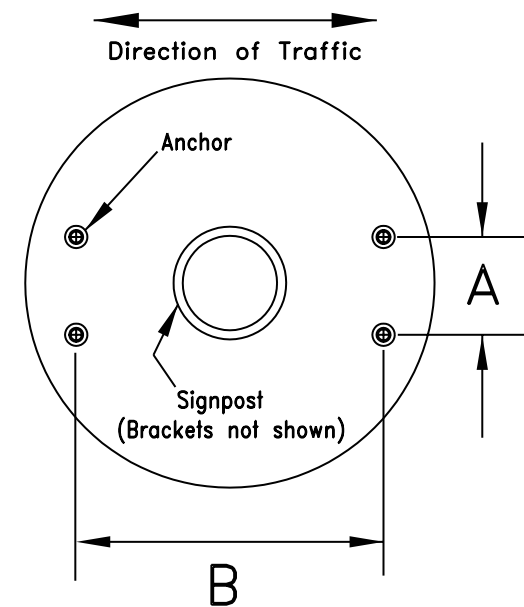


1 BREAK-SAFE MODEL AP BREAKAWAY ASSEMBLY
SCALE: NTS

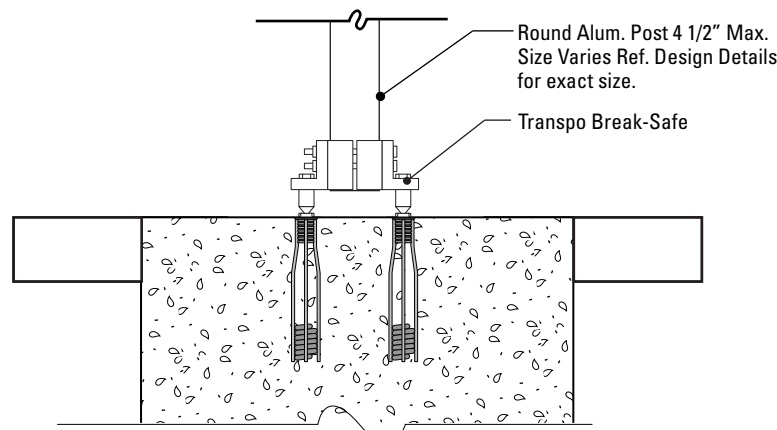
BREAK-SAFE MODEL AP ANCHOR SPACING

BREAK-SAFE MODEL	O.D POLE (D)	NOMINAL SCH. 40 PIPE SIZE	(A)	(B)
AP3	3" (76 mm)	—	2 3/4" (70mm)	7 15/16" (202 mm)
AP3.5	3 1/2" (89 mm)	3" (76 mm)	2 3/4" (70mm)	7 15/16" (202 mm)
AP4	4" (102 mm)	3 1/2" (89 mm)	3 1/4" (83mm)	8 15/16" (227 mm)
AP4.5	4 1/2" (114 mm)	4" (102 mm)	3 1/4" (83mm)	8 15/16" (227 mm)

NOTE: For Poles greater than 4 1/2" use Pole-Safe 5100 Series



2 PLAN VIEW OF TYPICAL FOUNDATION
SCALE: NTS



NOTE: SEE DWG. K.4 FOR FOUNDATION DETAILS

3 Assembled Section View:
SCALE: 3/4" = 1'-0"

SPECIFICATIONS

BREAK-SAFE Model AP as manufactured by TRANSCO Industries, Inc. 20 Jones Street New Rochelle, NY 10801 914-636-1000 www.transpo.com

Break-Safe meets all requirements of "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals."

Break-Safe Model AP is designed to fit steel or aluminum round pipe signposts. See Table for pipe sizes. For larger pole diameters, use Pole-Safe as manufactured by TRANSCO Industries, Inc.

All Hardware items are American Standard sizes, galvanized in accordance with ASTM A153 (hot dipped) or ASTM B695 (mechanically applied).

Fasteners, except for special bolt and coupling, are installed with lockwashers, and do not have specific torque requirements. Fasteners should be secured as tight as possible with conventional wrenches, unless otherwise noted.

Square-up and level individual components, particularly Anchors to minimize the need for shimming between Couplings and Anchors.

No more than two shims shall be placed under any one coupling. No more than three shims underneath any pair of couplings.

NOTES

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SHEET TITLE

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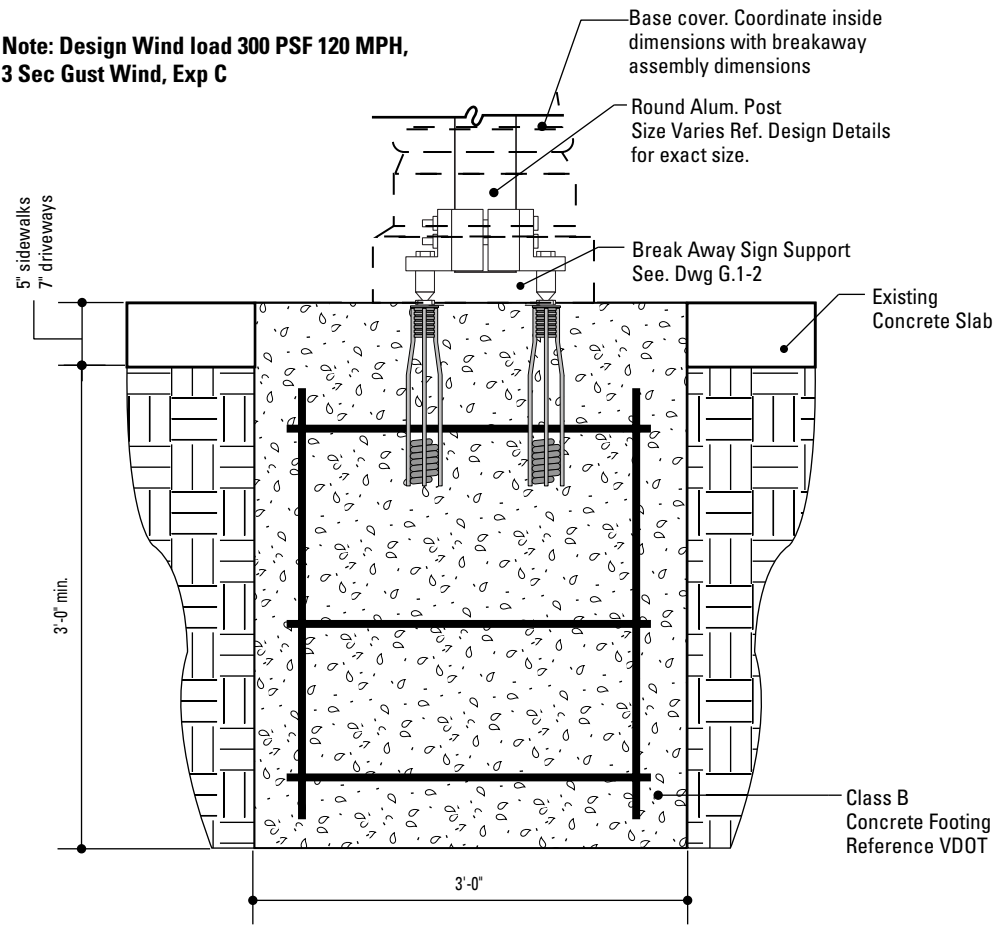
REVISIONS

AASHTO Footer Details

SHEET NO.

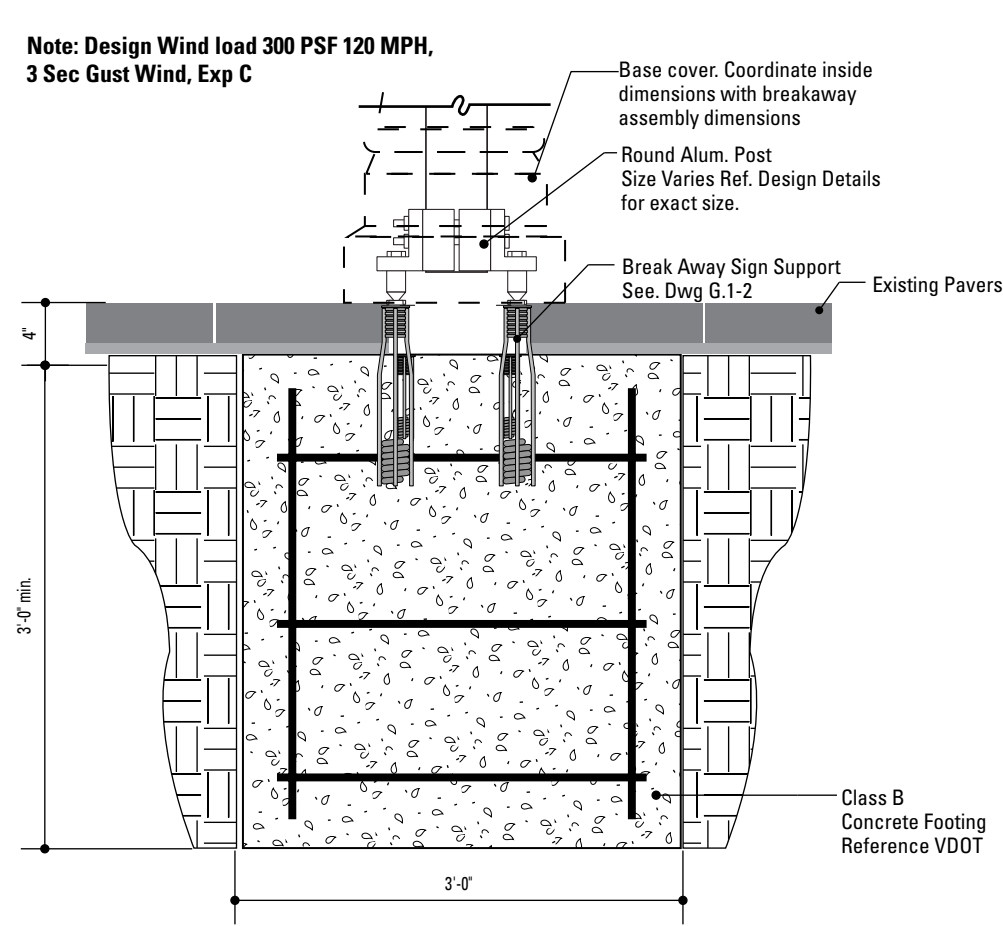
G.2

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



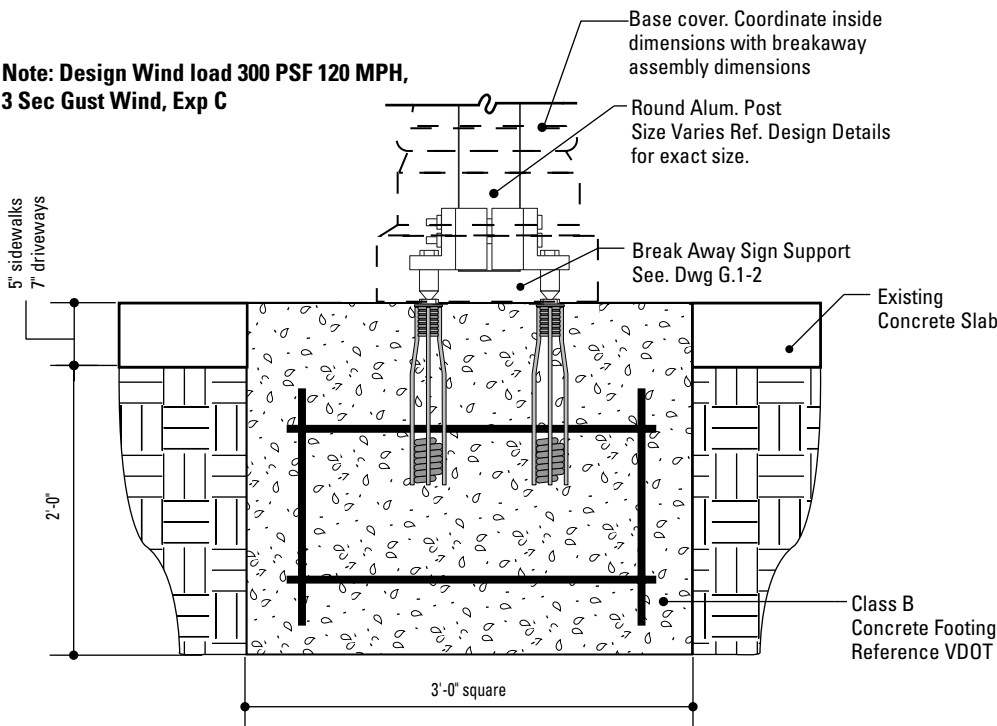
1 Section View: Foundation @ Concrete
SCALE: 3/4" = 1'-0"

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



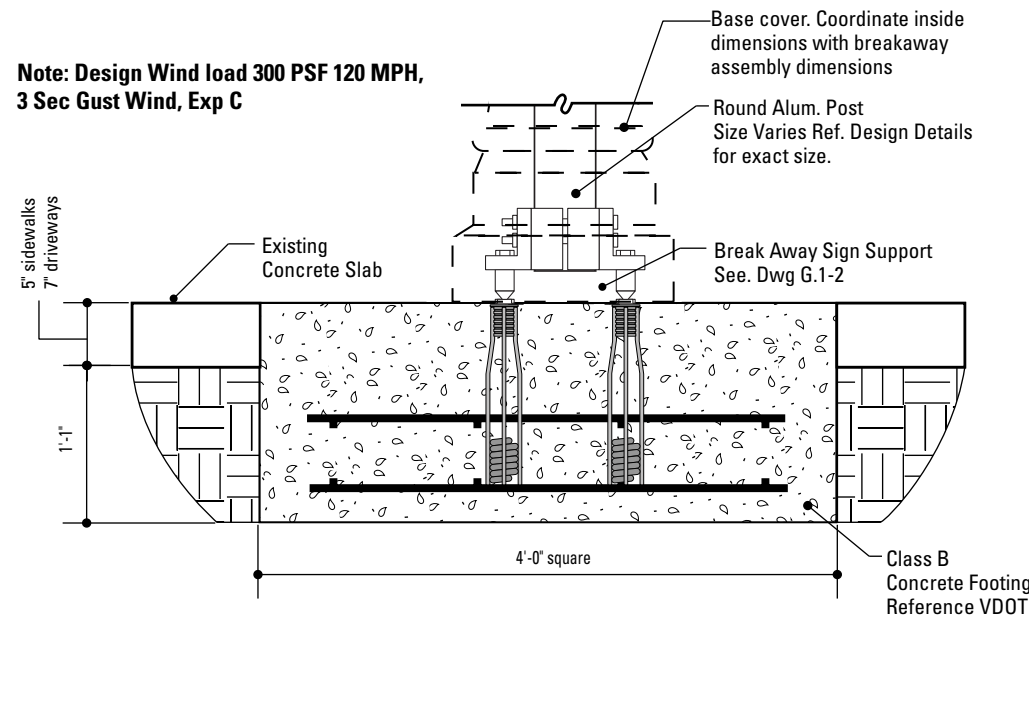
2 Section View: Foundation @ Pavers
SCALE: 3/4" = 1'-0"

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"

SPECIFICATIONS

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

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

Where a basement/vault interferes with a proposed location. The sign shall be relocated to a location deemed appropriate by the City of Frederick Department of Public Works.

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

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

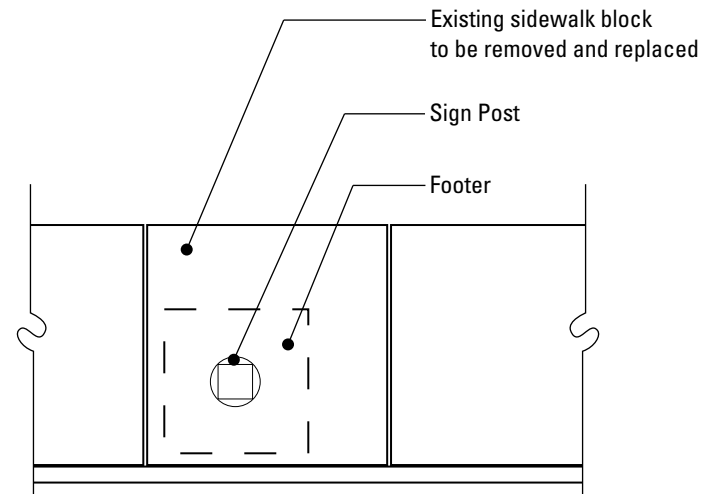
NOTE:

- 1) **SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 POUNDS PER SQUARE FOOT. SOIL UNIT WEIGHT OF 125 PCF AND FRICTION ANGLE OF 30 DEGREES (ASSUMED).**
- 2) **CONCRETE STRENGTH AT 28 DAYS F'C=4,000 PSI REINFORCEMENT SHALL BE ASTM 36 FY=60,000 PSI**
- 3) **FOLLOW 2008 VDOT DESIGN STANDARDS FOR MATERIAL AND CONSTRUCTION INFORMATION FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS**
- 4) **FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS**

NOTES

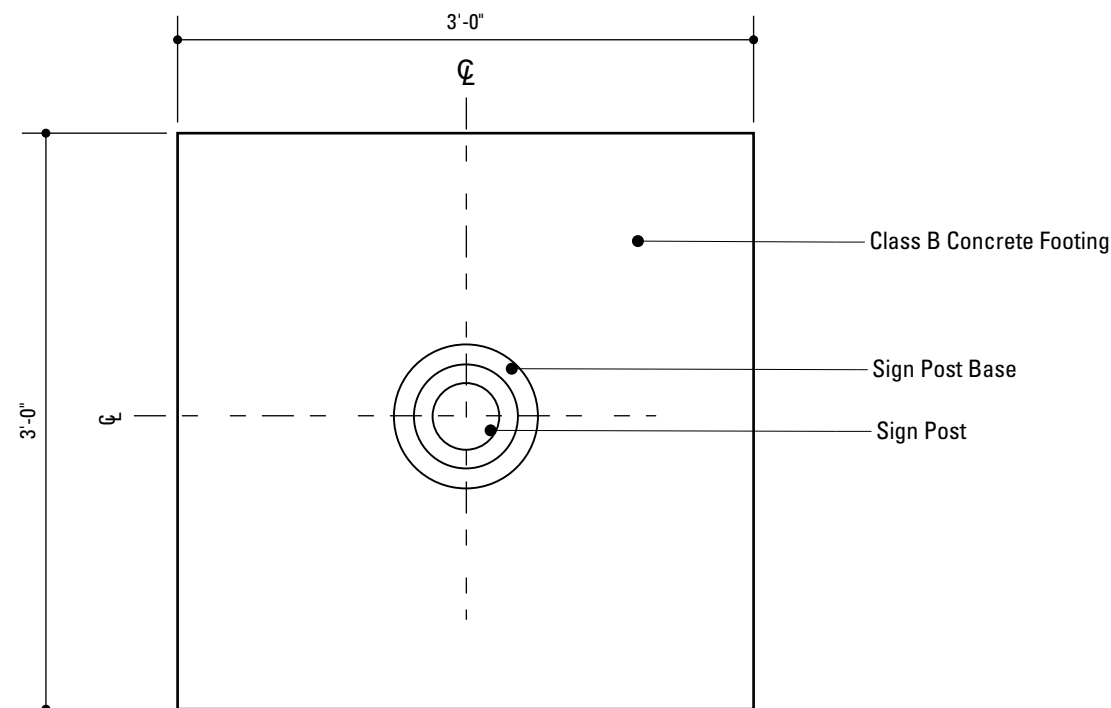
1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. Welds: All welds shall be ground smooth, paint all seams.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. All exposed edges painted to match adjacent face.

<p>ENVIRONMENTS & EXPERIENCES</p> <p>merje</p> <p>The Widener Building, Suite 1500 One South Penn Square Philadelphia, PA 19107 T 215.599.4407 F 215.636.9989 www.merjedesign.com</p>		<p>CLIENT / PROJECT</p> <p>City of Frederick, MD Wayfinding & Signage Program</p>
<p>SUBCONSULTANT</p>		<p>PROJECT NO. Y41.07961.000</p>
<p>DATE 12/17/2008</p>	<p>DRAWN BY: GS/KG/KB</p>	<p>SHEET TITLE</p> <p>AASHTO Footer Details</p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		<p>SHEET NO.</p> <p>G.3</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 entire block of pavement shall be removed and replaced with the same materials and finish of adjacent sidewalk areas.

1 Plan: Footer Placement
SCALE: NTS



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

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REVISIONS		SHEET NO.
		G.4