

Minute Man National Historical Park

CONSTRUCTION DOCUMENTS



Draft 1

NPS Arrowhead

Since its introduction in 1952, the NPS Arrowhead logo has become a well recognized symbol of the agency. Changes to the logo, adopted in 2001, helped to ensure that the Arrowhead appears more often, more consistently, and more legibly on all NPS communication materials, including signs. The UniGuide Sign Standards prescribe the use of the NPS Arrowhead on selected Park and Facility Identification signs, and on specified Roadway Signs, including Pathfinders.



Information about the NPS Arrowhead is available online at <www.graphics.nps.gov>. The two Arrowheads required for use on signs have been optimized for a variety of imaging technologies and for distant viewing.

The Arrowhead Symbol is to be considered all inclusive. The Arrowhead should not be altered or redrawn, nor should any element within the Arrowhead be removed, replaced, or modified.

Color

There are two standard color palettes used throughout this manual: the primary palette and the secondary.

Primary Color Palette



Brown
PMS 1615 C
CMYK 36 60 100 26
Vinyl Standard FHWA Admin brown



Brown
PMS 1605 C
CMYK 36 60 100 26
Vinyl Oracal 951-812*



FHWA Brown
PMS 469 C
CMYK 21 70 92 70
Vinyl FHWA brown
Paint 20059

Secondary Color Palette



Used for headers, footers, and text.

Black
PMS Black 6 C
CMYK 100 100 100 100
Vinyl Oracal 951-070*



Used to indicate accessibility.

ADA Blue
PMS 2945
CMYK 100 73 20 7
Vinyl Oracal 951-573*



Used on parking signage.

Parking Green
PMS 7489 C
CMYK 62 14 91 0
Vinyl Oracal 951-602*



Dark Green
PMS 553
CMYK 36 60 100 26
Vinyl Oracal 951-635*



White
PMS White
CMYK 21 70 92 70
Vinyl Oracal 951-010*

*or equivalent such as Avery or 3M



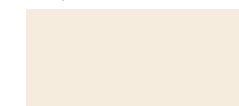
Used on traffic signage for warning or road hazard messaging.

Caution Yellow
PMS 124 CV
CMYK 6 31 100 0
Vinyl Oracal 951-204*



Used on traffic signage for prohibitive and danger messaging.

Regulatory Red
PMS 187 C
CMYK 23 100 88 15
Vinyl Oracal 951-334*



Used for headers with FHWA brown at USFS sites.

Neutral
PMS 4535 30%
CMYK 5 5 12 0
Vinyl Oracal 951-816*

Typography

Two typefaces are used on the signs in this manual: Highway Gothic and Frutiger. These typefaces were selected because they are highly legible, contemporary, and readily available to contractors and/or sign coordinators.

Figure 7 **Typefaces**

Highway Gothic - D (Regular)

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890(\$?!&-—“” ,.:;)

Highway Gothic - C (Narrow)

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890(\$?!&-—“” ,.:;)

Frutiger 75 Black

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890(\$?!&-—“” ,.:;)

Frutiger 65 Bold

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890(\$?!&-— “” ,.:;)

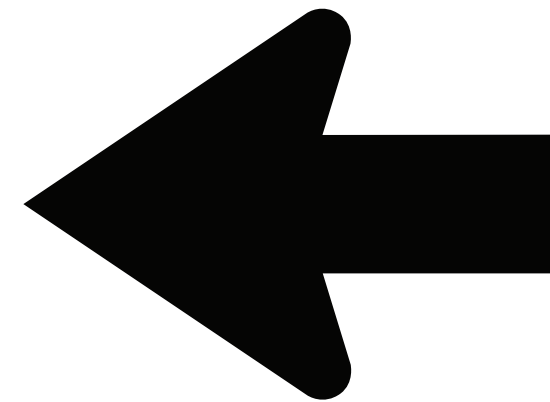
Frutiger 57 Condensed

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890(\$?!&-—“” ,.:;)

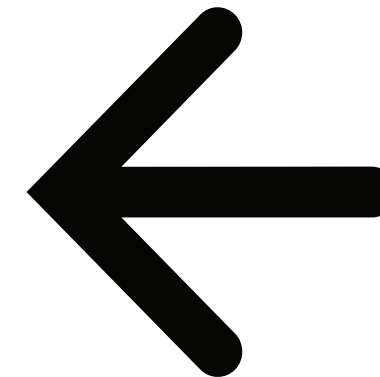
Arrows

There are two arrows used on directional signage. One is used on signage on all major roadways anywhere outside park boundaries, such as Advanced Vehicular Directional signs. This arrow is compatible with the Manual on Uniform Traffic Control Devices (MUTCD).

The other arrow is used on vehicular and pedestrian directionals within park boundaries.



Used on roadways outside the park boundary

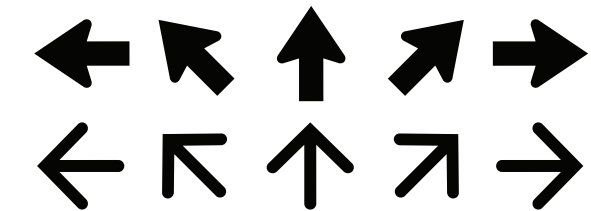


Used on all signage within the park boundary

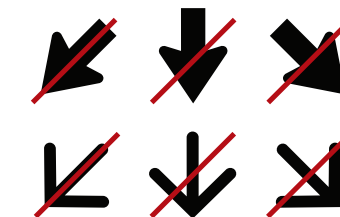
On directional signage only use arrows that point left, right, straight ahead, or straight at a 45° angle. Never use an arrow that points down as it is confusing to visitors. Everyone interprets

them differently and, generally speaking, visitors do not usually need to know where they have come from (destinations behind them).

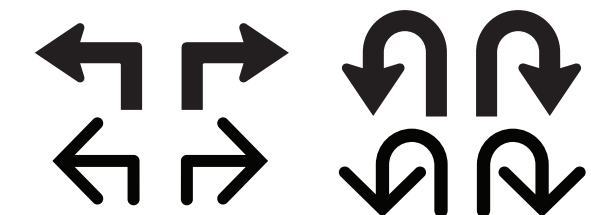
If you are faced with a situation where you need to use an arrow that faces down, it is always better to add another panel that is either on the back of or perpendicular to the first. Moving that information to a second panel will usually allow you to use a left, right, or straight (up) arrow. There is a set of arrows (shown below in the third line) for use in complex situations (e.g. when a destination is around a corner or when a visitor must turn around). These should only be used when the standard arrows can not communicate a message clearly.



Correct



Incorrect



Used only in rare situations when standard arrows aren't clear

SIGN SPECIFICATIONS

Sign Type - HG-1.0D - Highway Guide (3 Lines, Arrow)

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Extruded Aluminum Panels with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap,

Back Painted to Match NPS Brown, Matthews Paint MP63848

Steel Sign Post - Diameter And Wall Thickness TBD By Structural Engineer Based Upon Soil Conditions



01 Sign Type - HG-1.0D - Highway Guide (3 Lines, Arrow)
Elevation

*This measurement will vary with sign message

Scale: 1/2" = 1' 0"



SIGN SPECIFICATIONS

Sign Type - HG-2.0A - Highway Guide (3 Lines, Adv. Guidance, Arrowhead)

Material: 1/8" Thick Aluminum

Graphics Method:
 Letter Style - Highway Gothic
 Letter And Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Extruded Aluminum Panels with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848
 Steel Sign Post - Diameter And Wall Thickness TBD By Structural Engineer Based Upon Soil Conditions



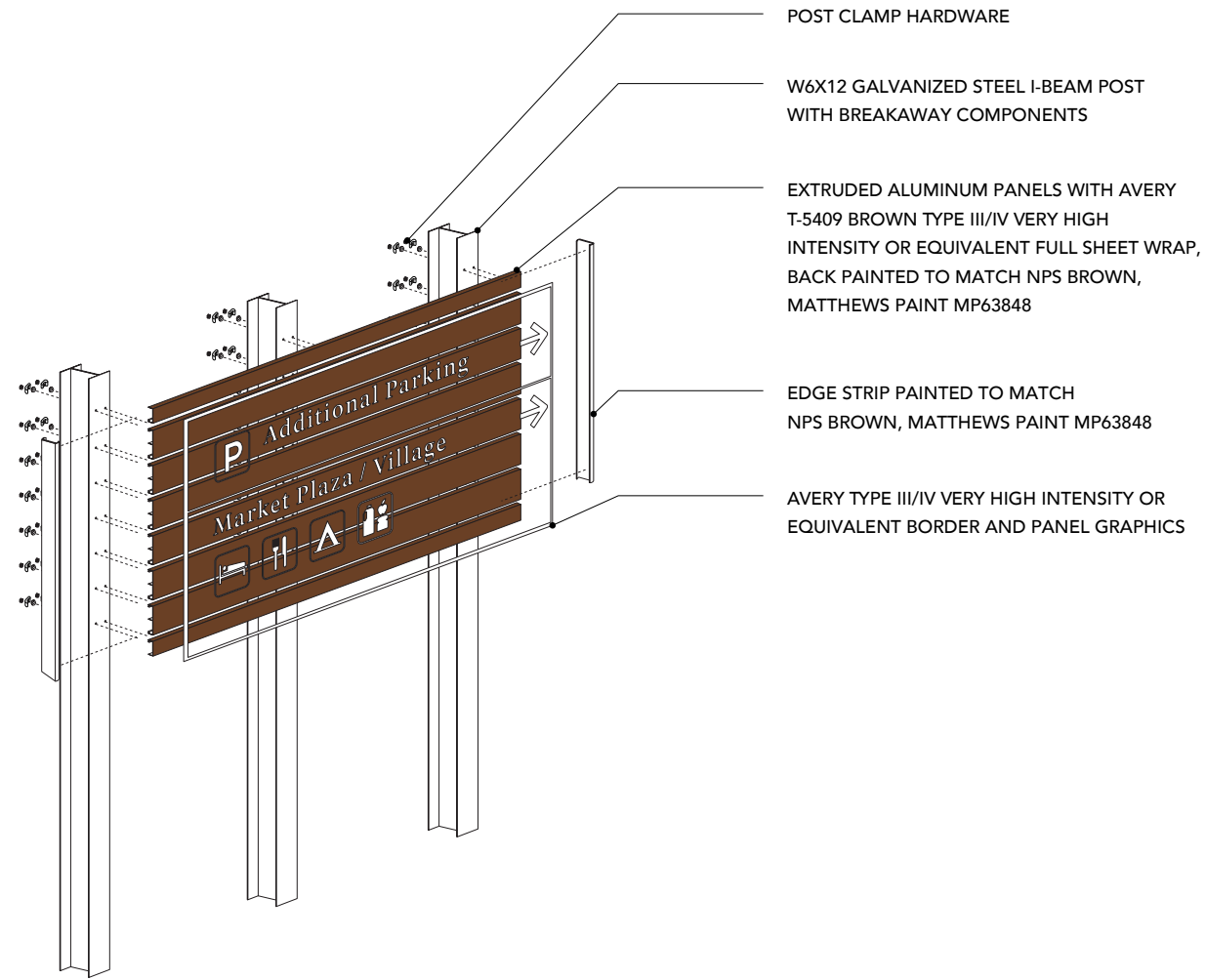
01 Sign Type - HG-2.0A - Highway Guide (3 Lines, Adv. Guidance, Arrowhead)
Elevation

*This measurement will vary with sign message

Scale: 1/2" = 1' 0"



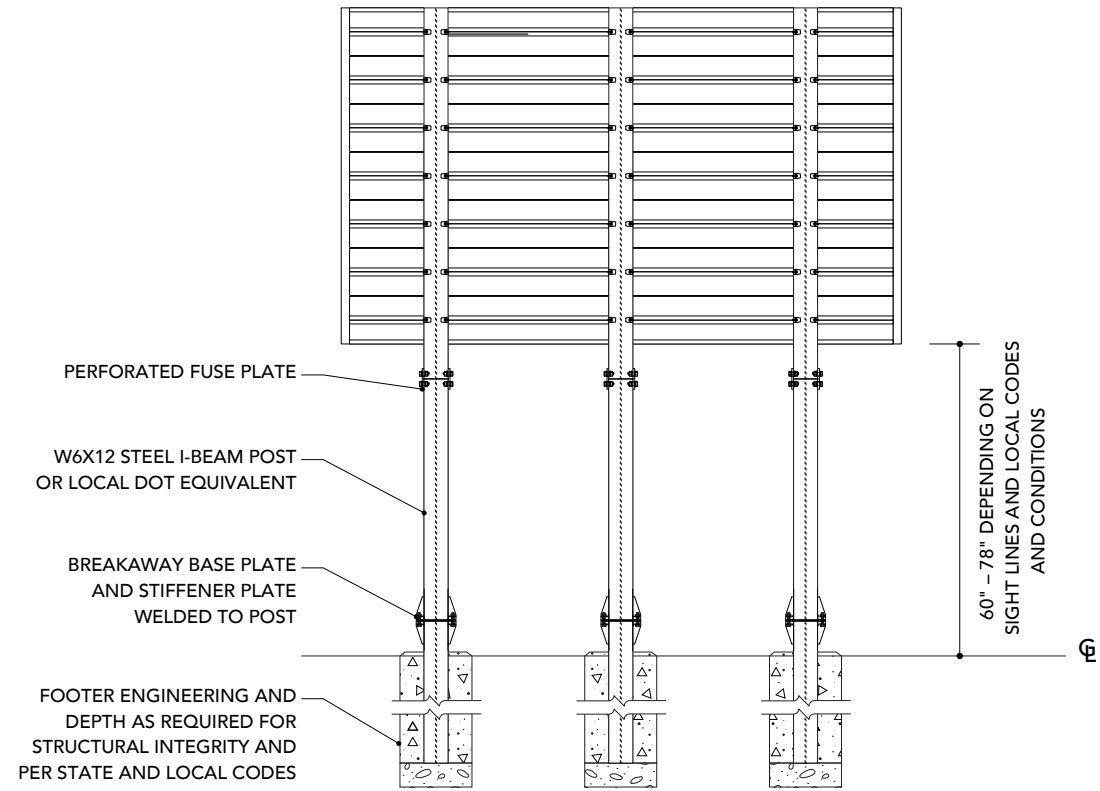
NOTE: ALL MOTORIST GUIDANCE SIGNS AND BREAKAWAY POST COMPONENTS SHALL BE FABRICATED AND INSTALLED PER FEDERAL AND LOCAL DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS WHERE APPLICABLE.



PANEL BACK, MOUNTING RAIL, POST COLOR:



NPS BROWN
MATTHEWS PAINT
MP63848
(OR EQUIV.)



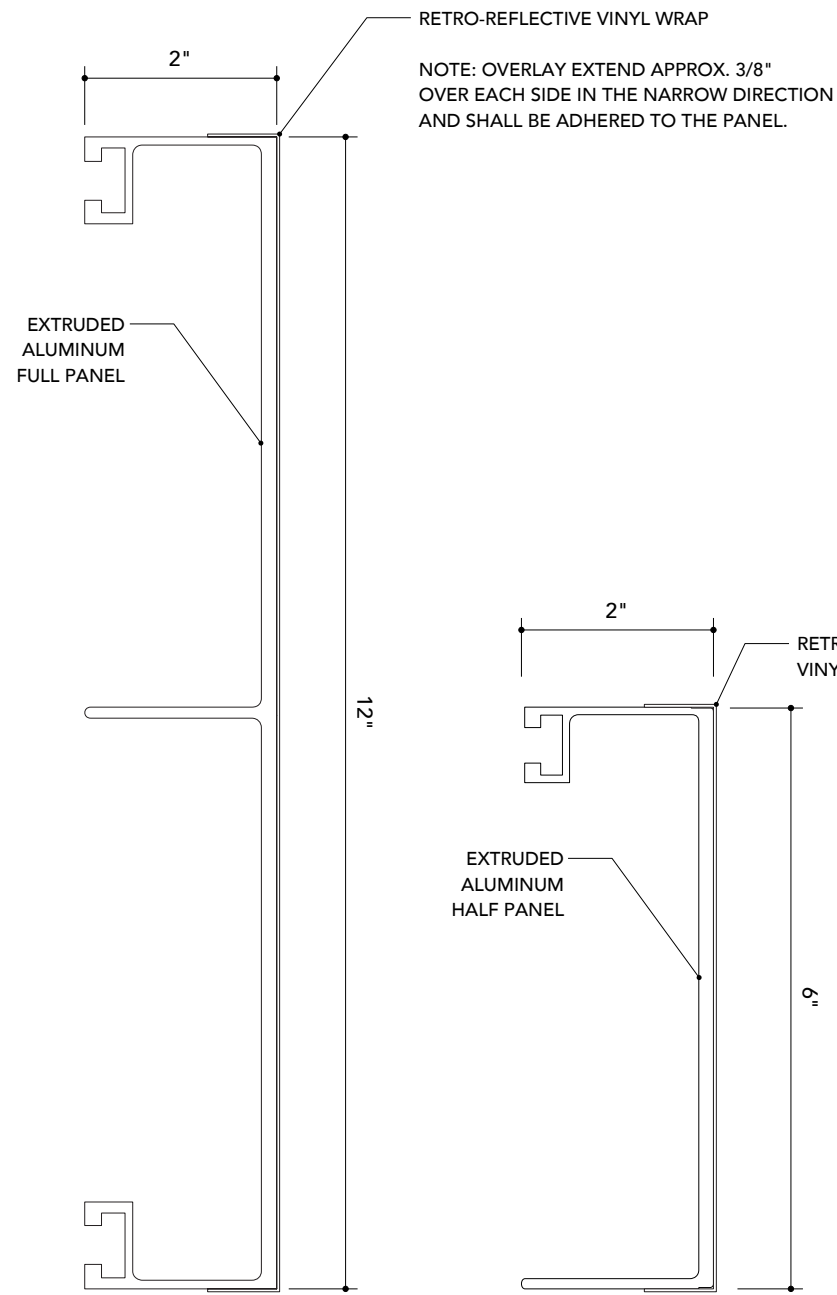
01 Sign Type - HG - Highway Guide NPS Standard Extruded Aluminum Sign Fabrication Elevation

02 Sign Type - HG - Highway Guide NPS Standard Extruded Aluminum Sign Fabrication Elevation

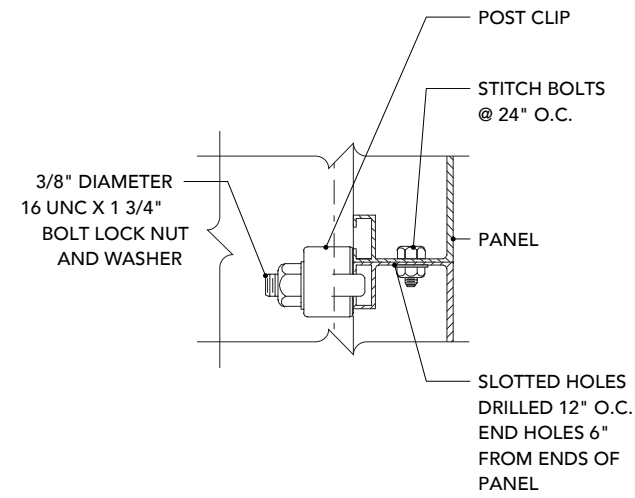
*This measurement will vary with sign message

Scale: NTS

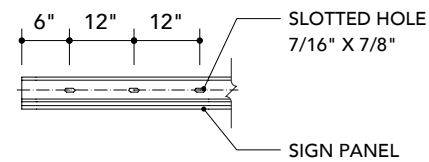




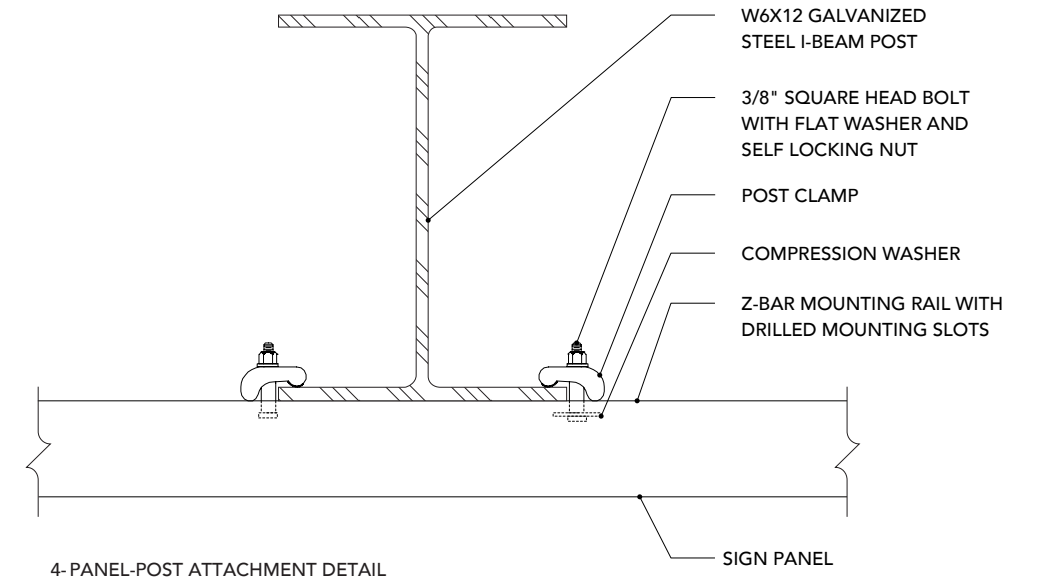
1-TYPICAL EXTRUDED ALUMINUM PANEL ELEVATIONS



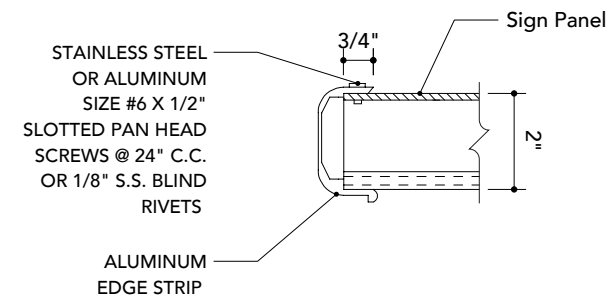
2-SIGN PANEL ASSEMBLY - SIDE SECTION CUT



3-SLOTTED HOLE DETAIL - PLAN VIEW
FIRST SLOTS IN FROM BOTH EDGES ARE BOLTED. REMAINING SLOTS ARE TYPICALLY SPACED 12" O.C.



4-PANEL-POST ATTACHMENT DETAIL

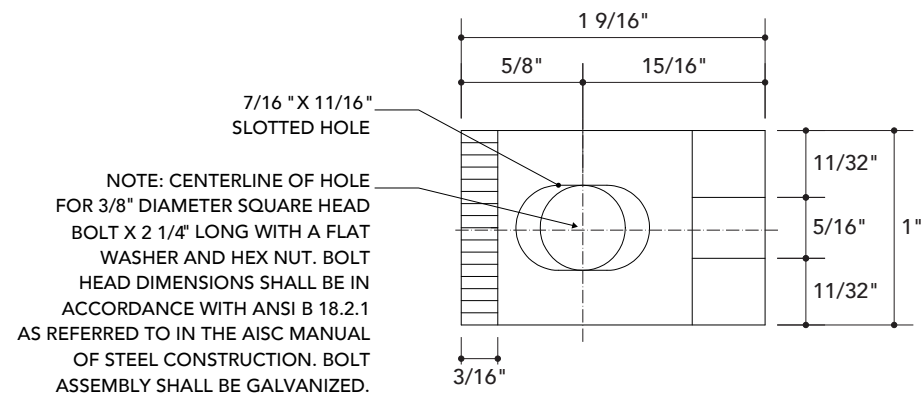


5-EDGE STRIP DETAIL - TOP SECTION CUT

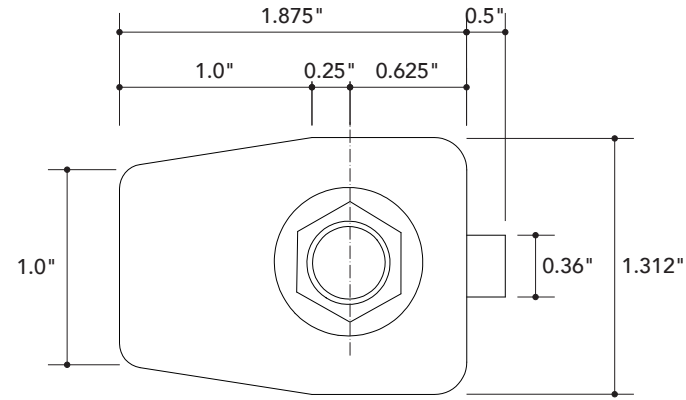
NOTE: AN ADDITIONAL 1-1/2" SHALL BE ADDED TO PANEL WIDTH DIMENSION TO ACCOMMODATE FOR EDGE STRIP OVERHANG.

*This measurement will vary with sign message

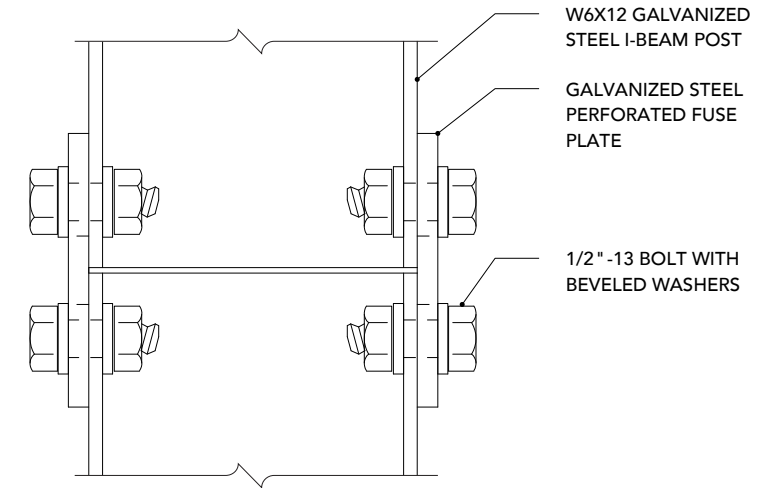
Scale: NTS



1-POST CLIP PLAN VIEW

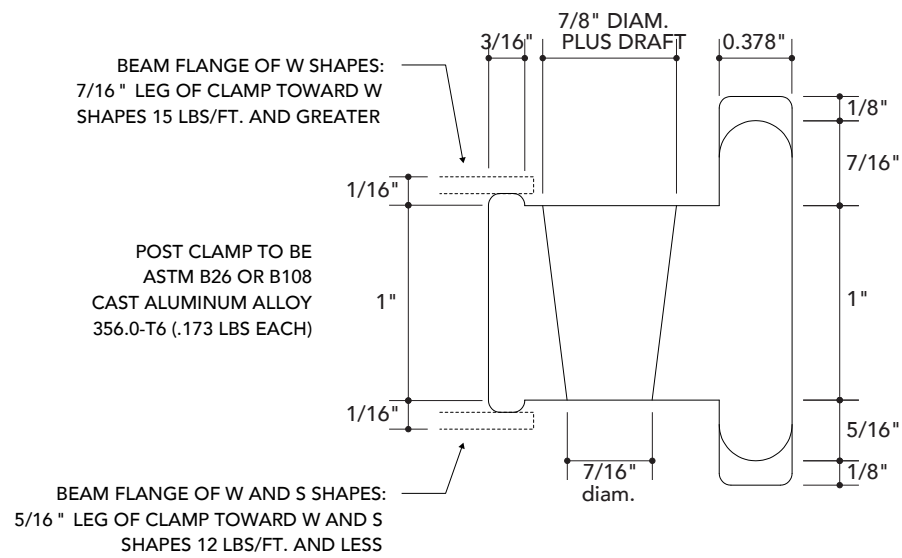


3-ALTERNATIVE POST CLIP PLAN VIEW

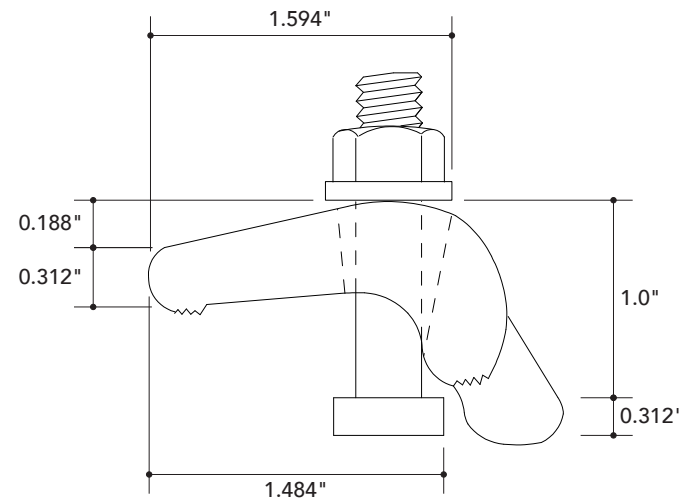


5-POST FUSE PLATE CONNECTION

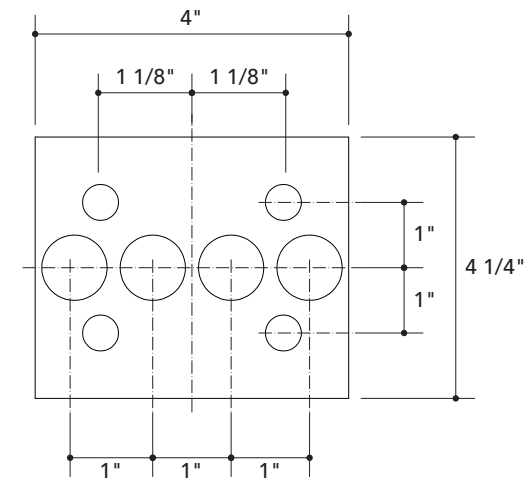
NOTE: PARTS SHALL BE SAW CUT EITHER BEFORE GALVANIZING AND THE GALVANIZED CUT CLEANED OF ZINC BUILD-UP, OR SAW CUT AFTER GALVANIZING AND THE CUT SURFACE.



2-POST CLIP ELEVATION



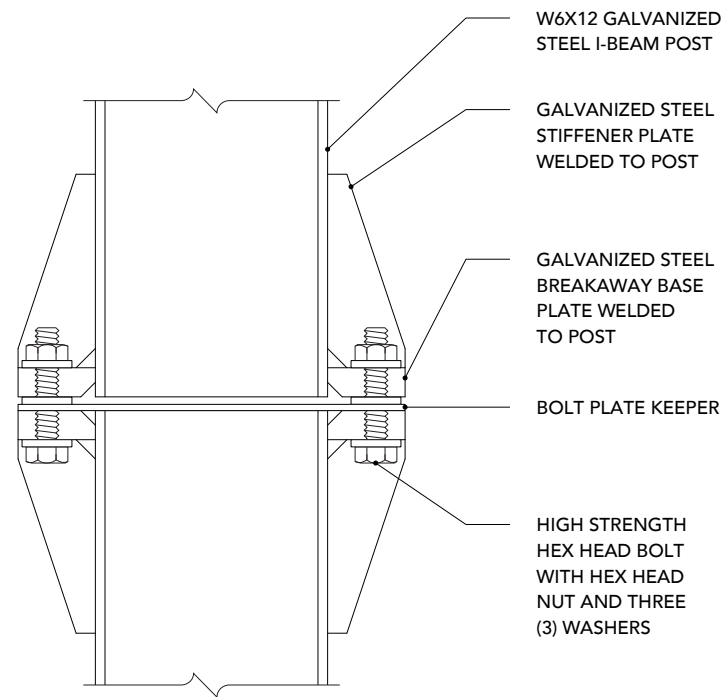
4-ALTERNATIVE POST CLIP ELEVATION



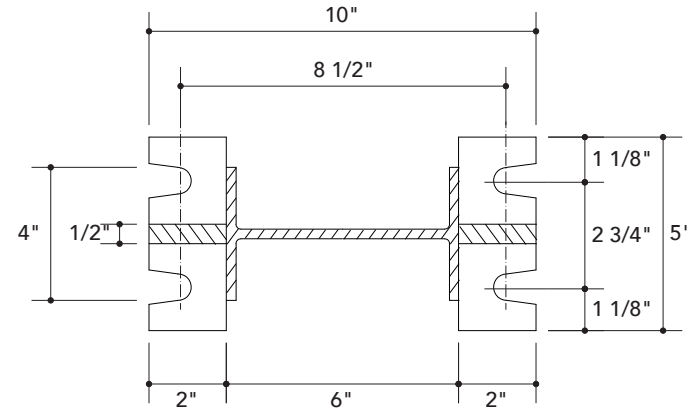
6- FUSE PLATE DETAIL

*This measurement will vary with sign message

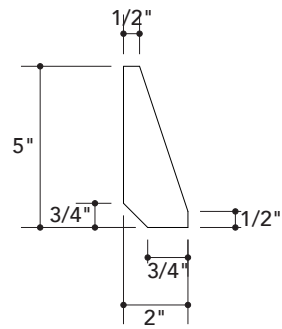
Scale: NTS



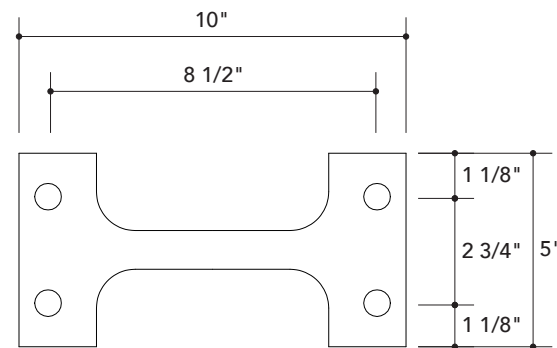
1-BREAKAWAY POST DETAIL



2-POST TOP SECTION CUT



3-STIFFENER PLATE DETAIL



4-BOLT KEEPER PLATE DETAIL

SIGN SPECIFICATIONS

Sign Type - RG-1.0 - Roadway Guide Sign (3 Lines, Arrow)

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848

Fabrication Method - 3" X 3" X 3/16" Aluminum

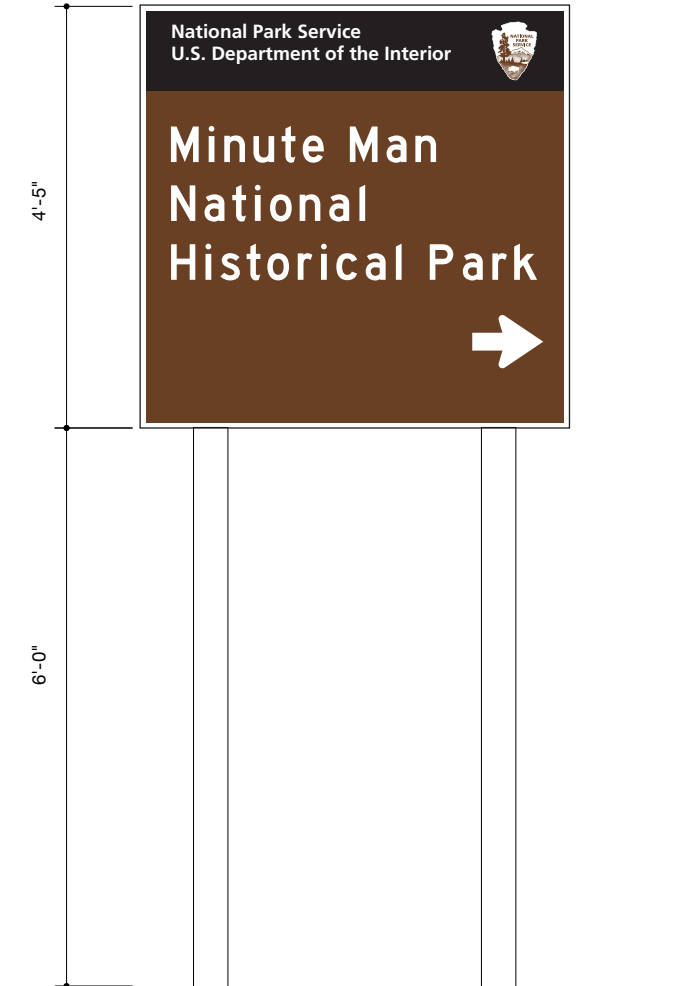
Structural Angle Sign Support

4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir,

Select Grade Dimensional Timber Post Or

Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign Panel



01 Sign Type - RG-1.0 - Roadway Guide Sign (3 Lines, Arrow)
Elevation



02 Sign Type - RG-1.0 - Roadway Guide Sign (3 Lines, Arrow)
Elevation

*This measurement will vary with sign message

Scale: 1" = 1' 0"



SIGN SPECIFICATIONS

Sign Type - RG-2.0 - Roadway Guide Sign - Directional

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with

Avery T-5409 Brown Type III/IV Very HighIntensi-

ty or Equivalent Full Sheet Wrap, Back Painted to

Match NPS Brown, Matthews Paint MP63848

Fabrication Method - 3" X 3" X 3/16" Aluminum

Structural Angle Sign Support

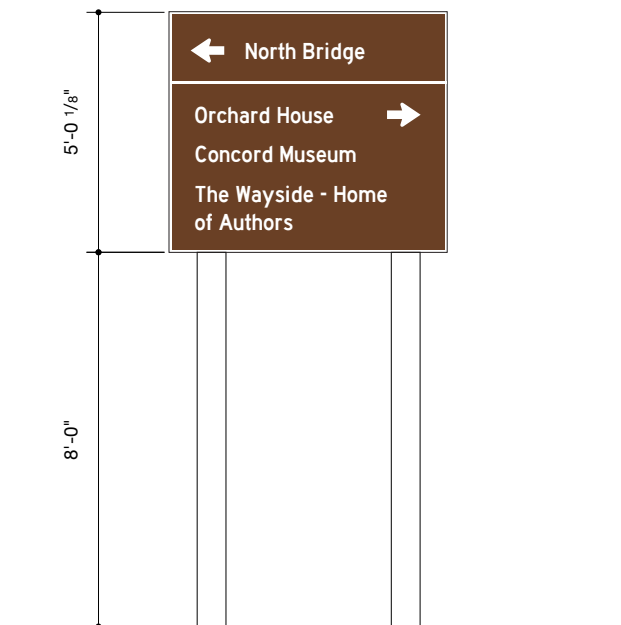
4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir,

Select Grade Dimensional Timber Post Or

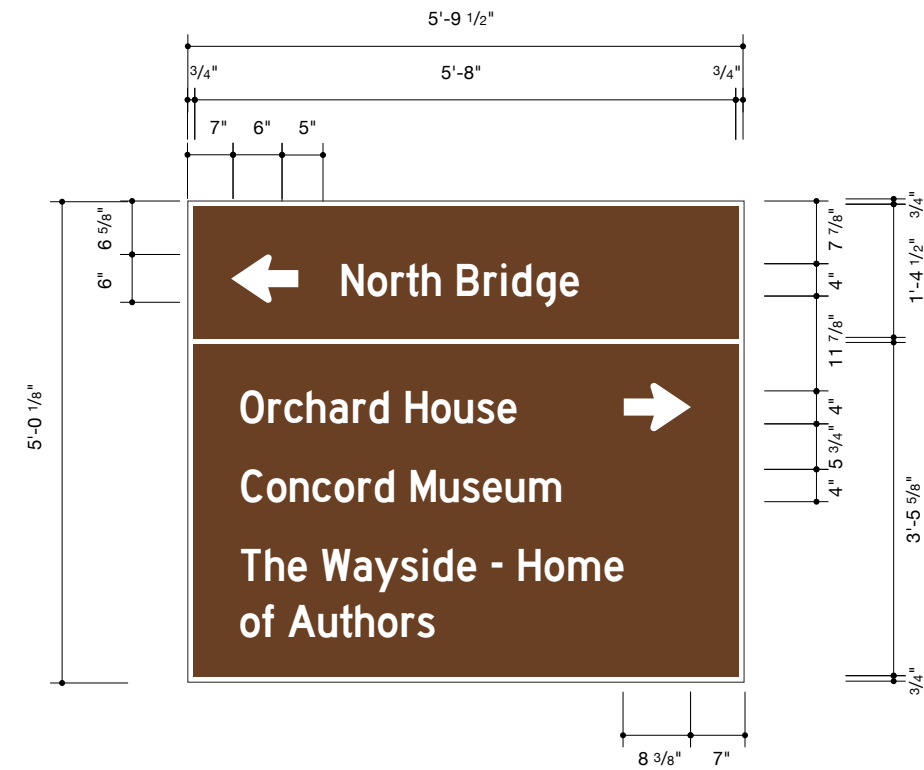
Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign

Panel



01 Sign Type - RG-2.0 - Roadway Guide Sign - Directional
Elevation

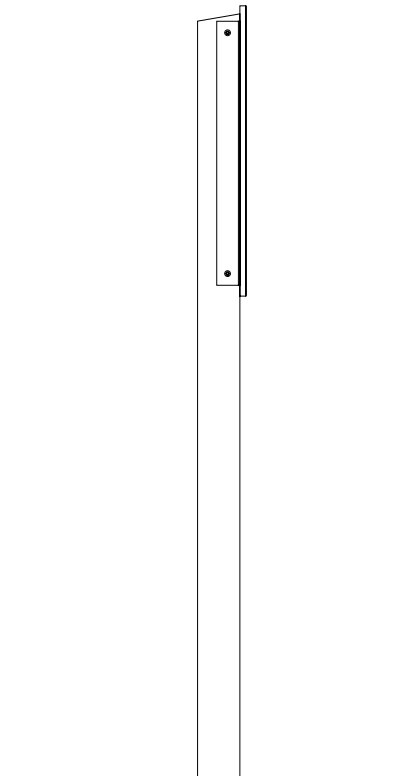
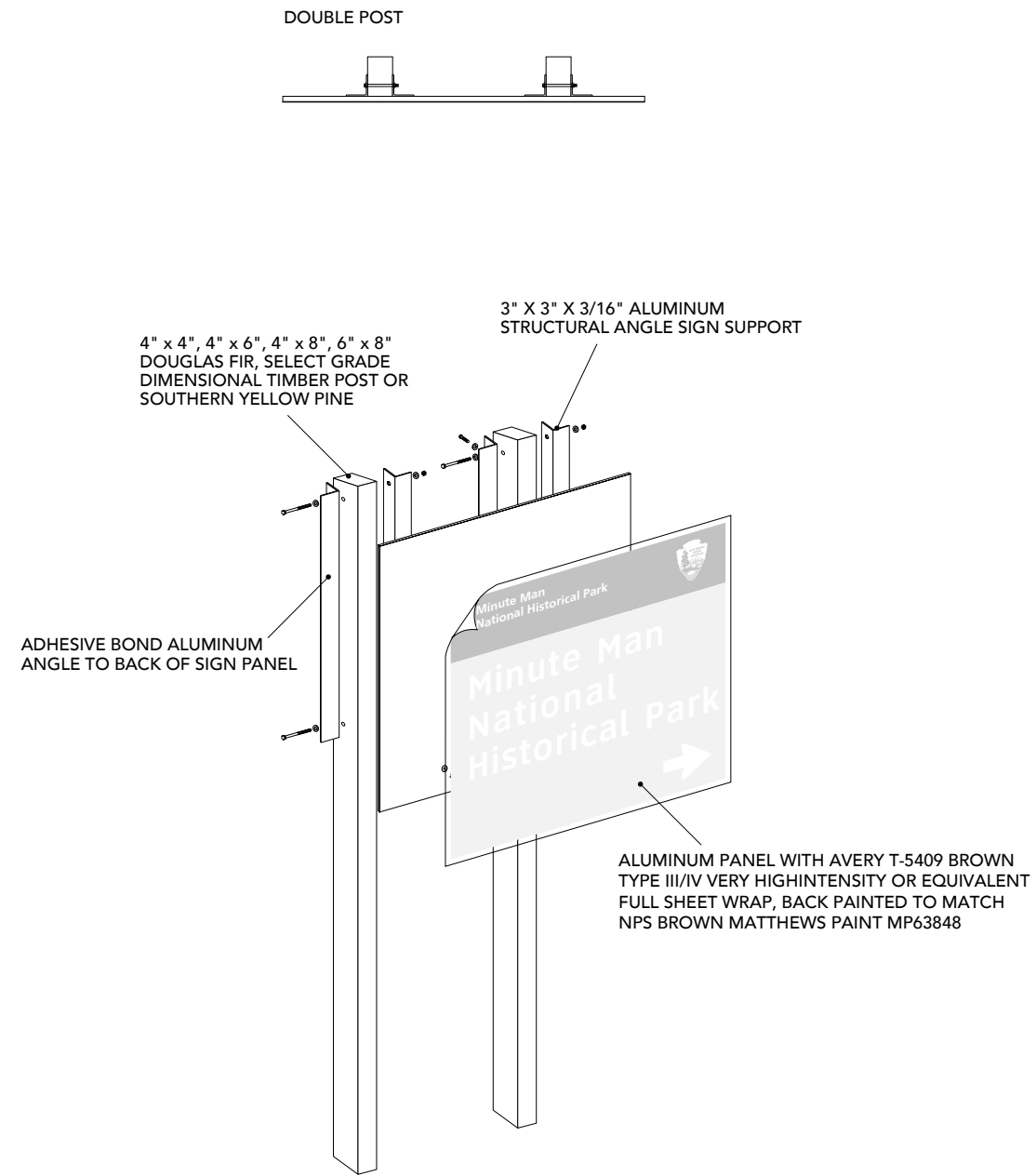


02 Sign Type - RG-2.0 - Roadway Guide Sign - Directional
Elevation

*This measurement will vary with sign message

Scale: 1/2" = 1' 0"





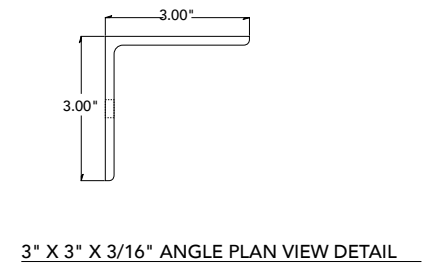
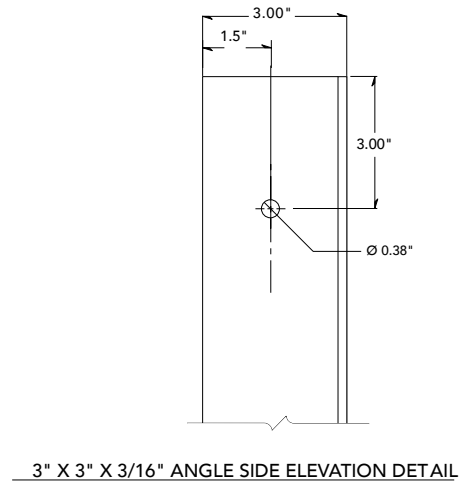
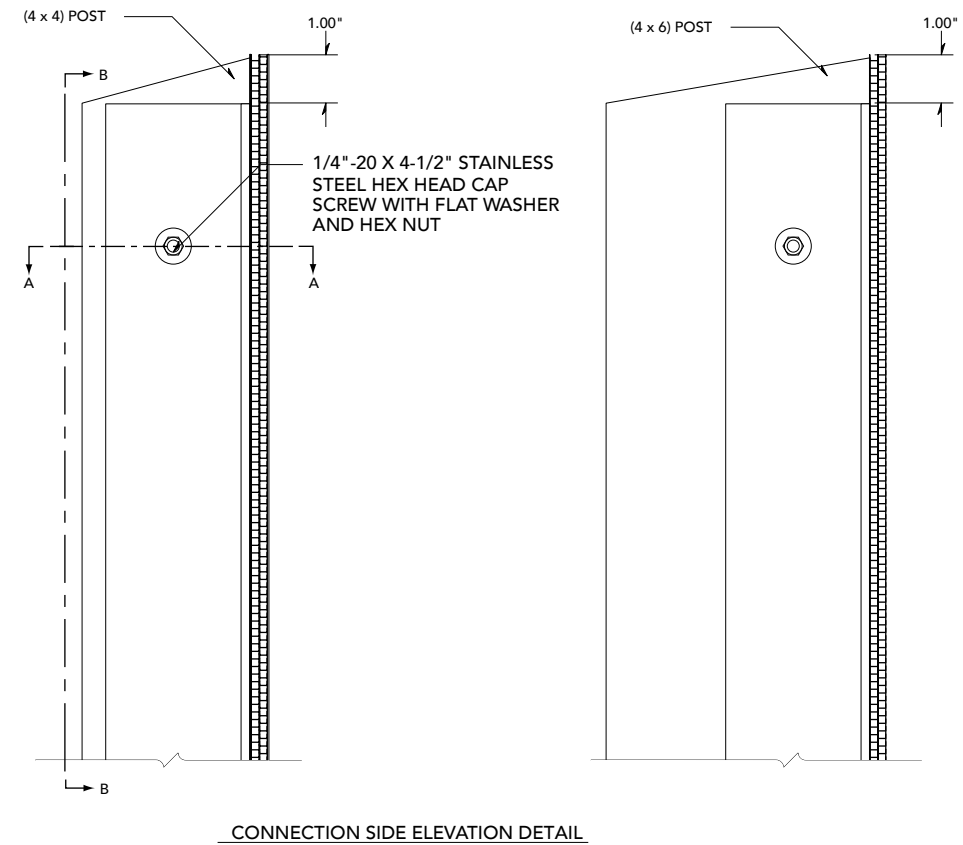
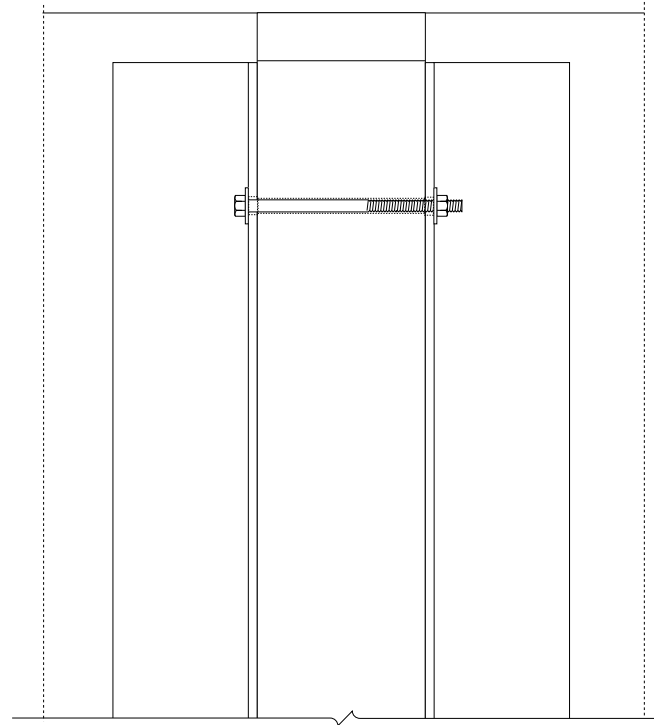
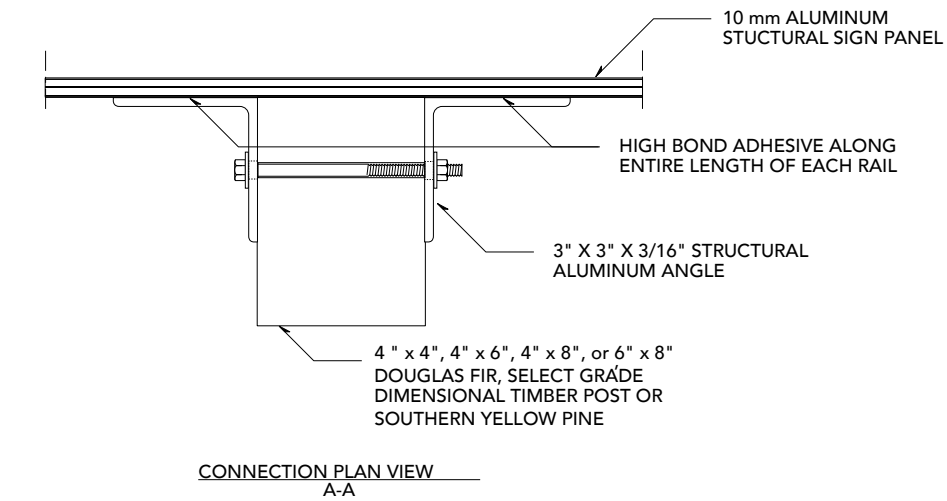
01 Sign Type - RG - Roadway Guide Sign
Elevation

02 Sign Type - RG - Roadway Guide Sign
End View

*This measurement will vary with sign message

Scale: 1/2" = 1' 0"





01 Sign Type - RG - Roadway Guide Sign - Panel Connection and Angle Dimensions
Details

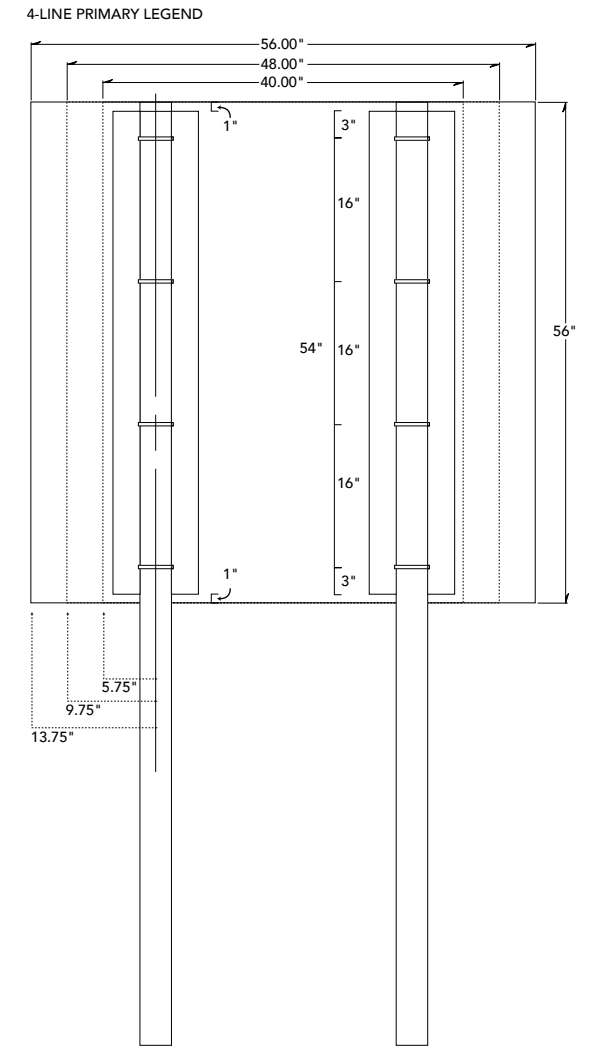
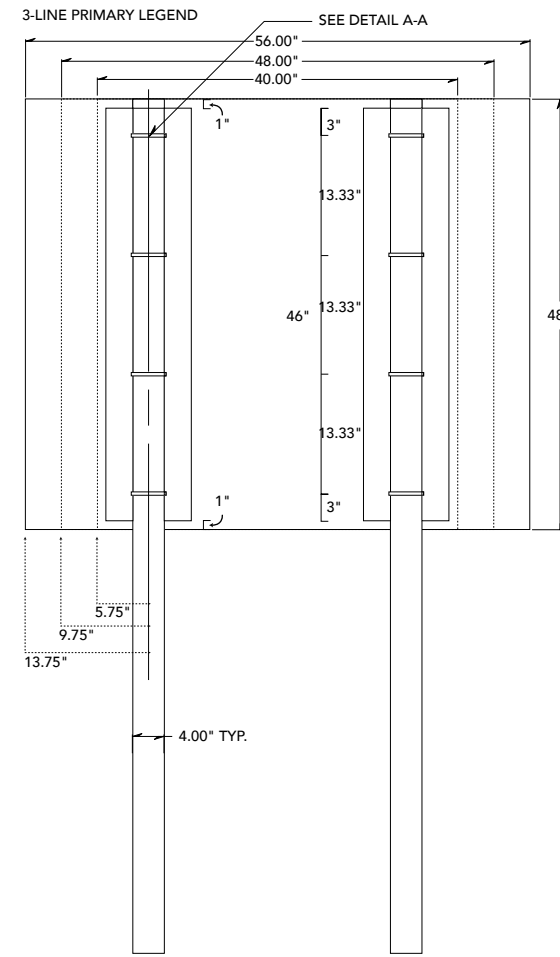
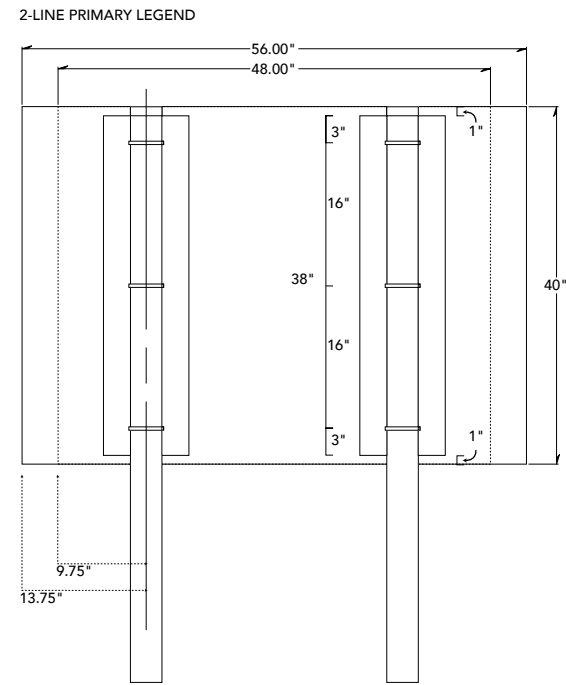
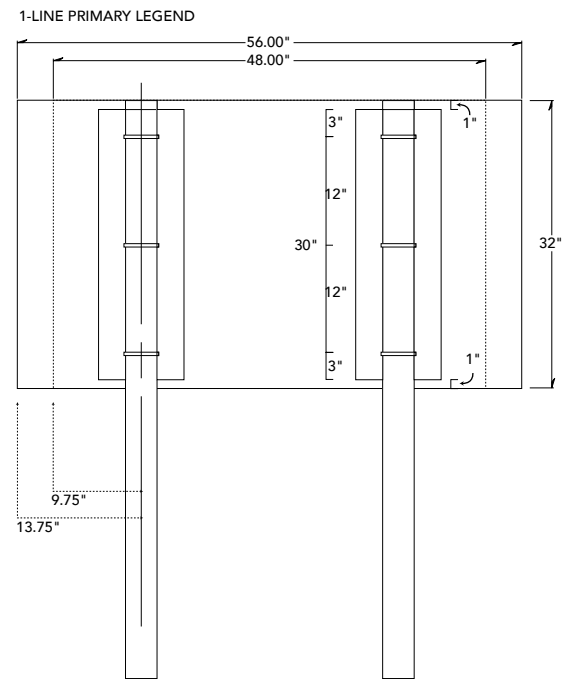
*This measurement will vary with sign message

Scale: NTS



PATHFINDER & BOUNDARY SIGNS WITH 4" LEGENDS

Legend	Panel Size Width x Height	Post Size W x L	Post (Qty)	HAGL (max.)	Post Length	Bracket Length
1-Line	40" x 32"	4" x 6"	1	7'-0"	12'8"	30"
	48" x 32"	4" x 6"	2	7'-0"	12'8"	30"
	56" x 32"	4" x 6"	2	7'-0"	12'8"	30"
2-Line	40" x 40"	4" x 6"	1	7'-0"	13'4"	38"
	48" x 40"	4" x 6"	2	7'-0"	13'4"	38"
	56" x 40"	4" x 6"	2	7'-0"	13'4"	38"
3-Line	40" x 48"	4" x 6"	2	7'-0"	14'	46"
	48" x 48"	4" x 6"	2	7'-0"	14'	46"
	56" x 48"	4" x 6"	2	7'-0"	14'	46"
4-Line	40" x 56"	4" x 6"	2	7'-0"	14'8"	54"
	48" x 56"	4" x 6"	2	7'-0"	14'8"	54"
	56" x 56"	4" x 8"	2	7'-0"	14'8"	54"

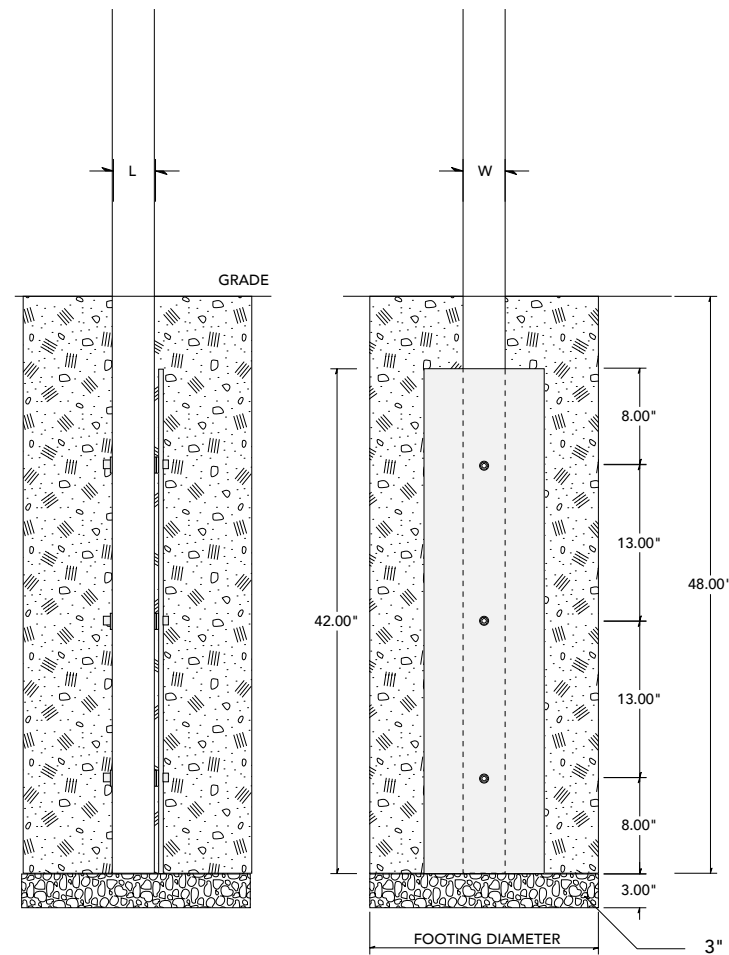


01 Sign Type - RG - Roadway Guide Sign - Assembly Reference Diagram for 4" Legends
Details

*This measurement will vary with sign message

Scale: NTS

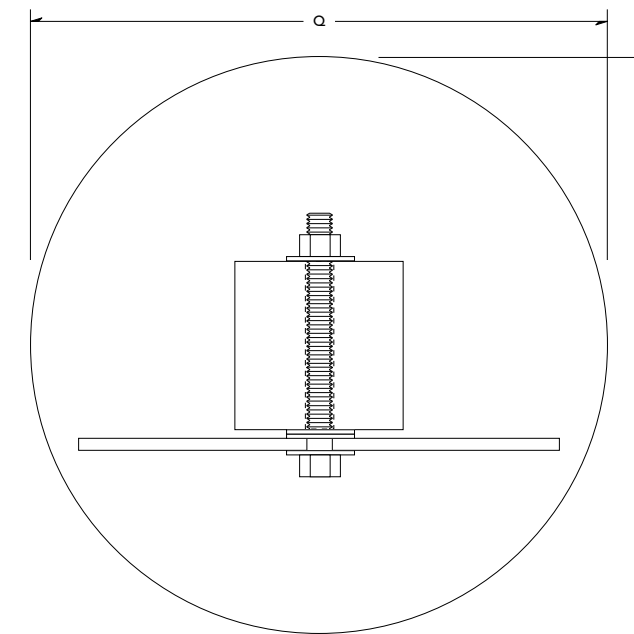
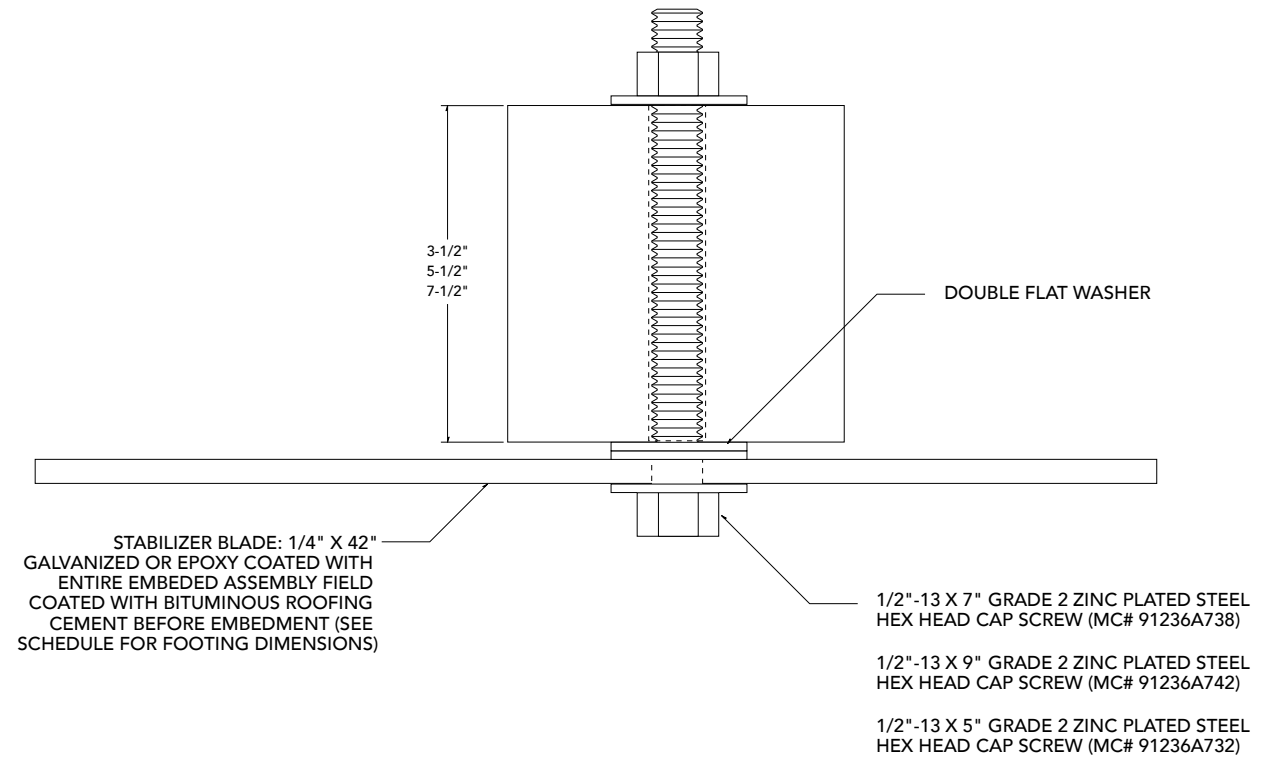




3" CRUSHED STONE OR GRAVEL
 GENERAL NOTE: ALL GRAVEL BELOW BASE TO HAVE 8 MIL POLYETHYLENE SHEET BETWEEN GRAVEL AND CONCRETE POUR

STABILIZER BLADE

Post Size (W) x(L)	Width of Blade (W)	Screw Size Length	Footing Size Diameter (Q)
4" x 4"	10"	5"	12"
4" x 6"	12"	7"	14"
4" x 8"	14"	9"	16"
6" x 8"	18"	9"	20"



*This measurement will vary with sign message

Scale: NTS



SIGN SPECIFICATIONS

Sign Type - PF-1.0D - Pathfinder Sign (1 Line, Arrow)

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848

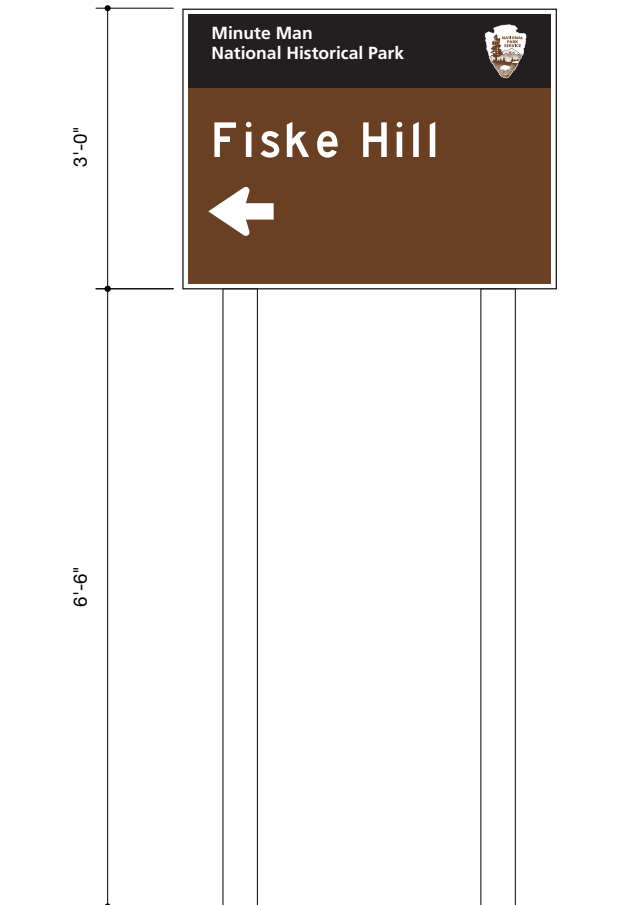
Fabrication Method - 3" X 3" X 3/16"

Aluminum Structural Angle Sign Support

4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir, Select Grade Dimensional Timber Post

Or Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign Panel



01 Sign Type - PF-1.0D - Pathfinder Sign (1 Line, Arrow)
Elevation



02 Sign Type - PF-1.0D - Pathfinder Sign (1 Line, Arrow)
Elevation

*This measurement will vary with sign message

Scale: 1" = 1' 0"



SIGN SPECIFICATIONS

Sign Type - PF-1.0D - Pathfinder Sign (1 Line, Arrow)

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848

Fabrication Method - 3" X 3" X 3/16"

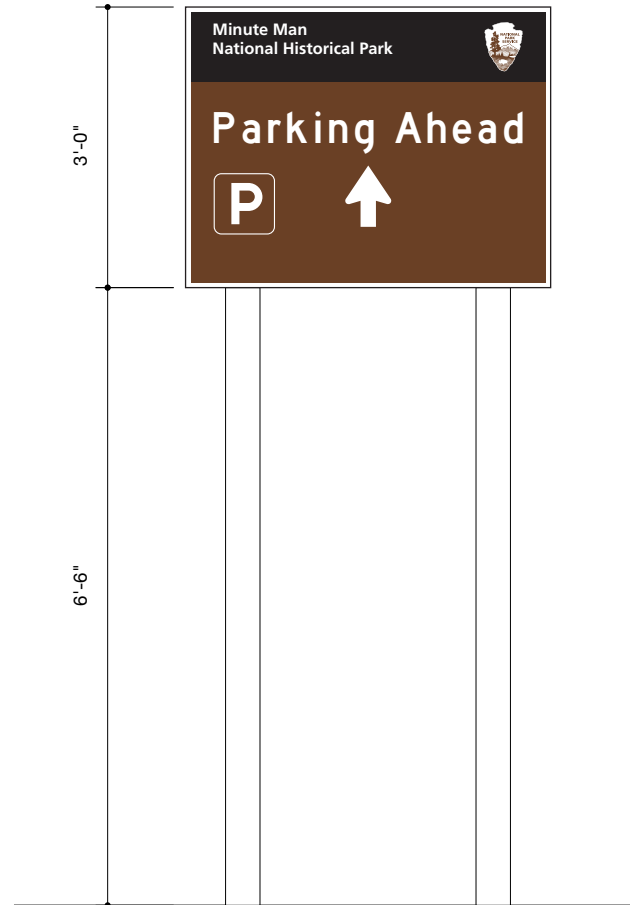
Aluminum Structural Angle Sign Support

4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas

Fir, Select Grade Dimensional Timber Post

Or Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign Panel



01 Sign Type - PF-1.1D - Pathfinder Sign (1 Line, Arrow, Symbol)
Elevation



02 Sign Type - PF-1.1D - Pathfinder Sign (1 Line, Arrow, Symbol)
Elevation

Scale: 1" = 1'-0"



SIGN SPECIFICATIONS

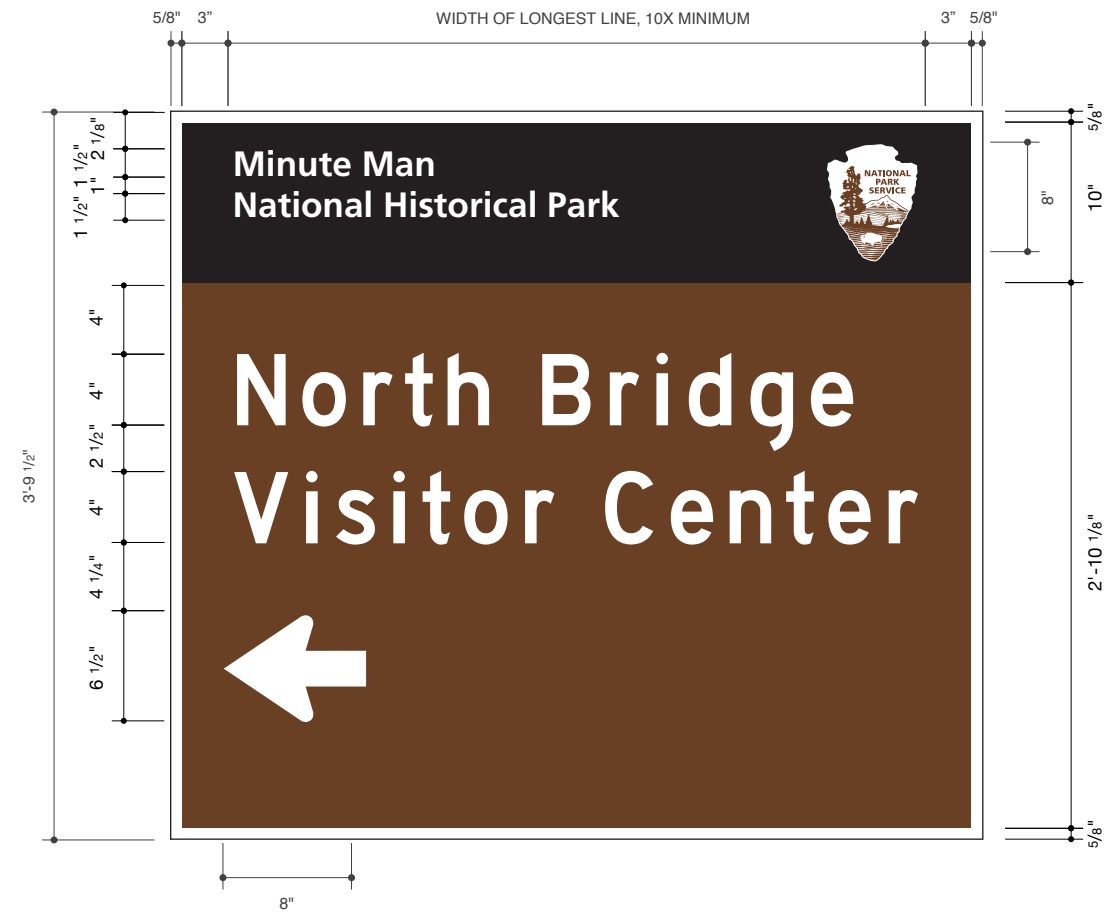
Sign Type - PF-2.0D - Pathfinder Sign (2 Lines, Arrow)

Material: 1/8" Thick Aluminum

Graphics Method:
 Letter Style - Highway Gothic
 Letter And Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Aluminum Panel with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848
 Fabrication Method - 3" X 3" X 3/16" Aluminum Structural Angle Sign Support
 4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir, Select Grade Dimensional Timber Post Or Southern Yellow Pine
 Adhesive Bond Aluminum Angle To Back Of Sign Panel



01 Sign Type - PF-2.0D - Pathfinder Sign (2 Lines, Arrow)
Elevation



02 Sign Type - PF-2.0D - Pathfinder Sign (2 Lines, Arrow)
Elevation

*This measurement will vary with sign message

Scale: 1" = 1' 0"



SIGN SPECIFICATIONS

Sign Type - PF-2.1D - Pathfinder Sign (2 Lines, Arrow, Symbol)

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848

Fabrication Method - 3" X 3" X 3/16" Aluminum

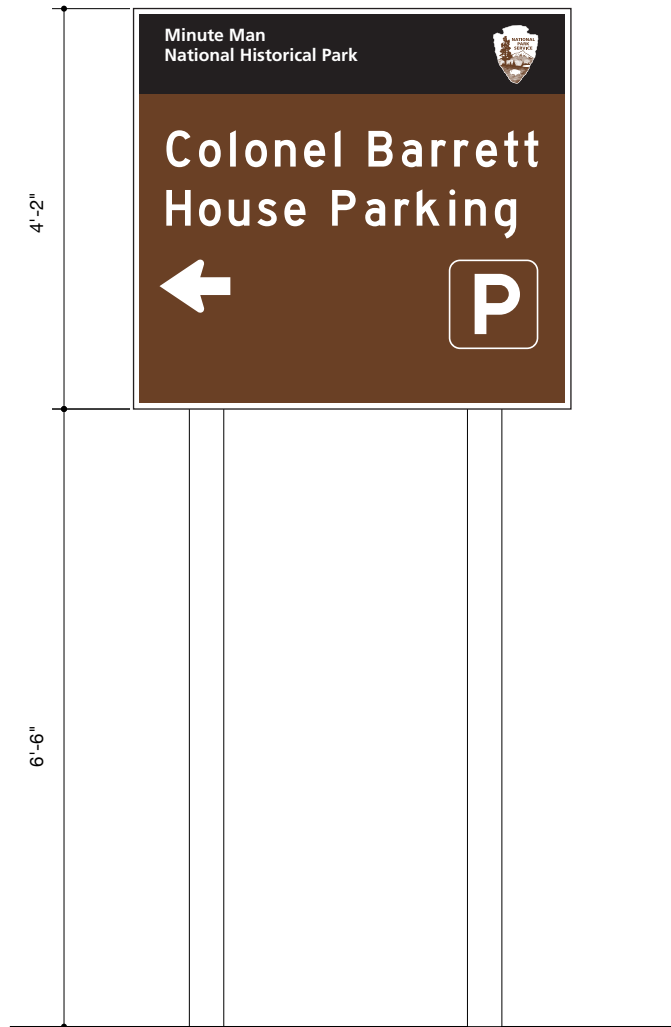
Structural Angle Sign Support

4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir,

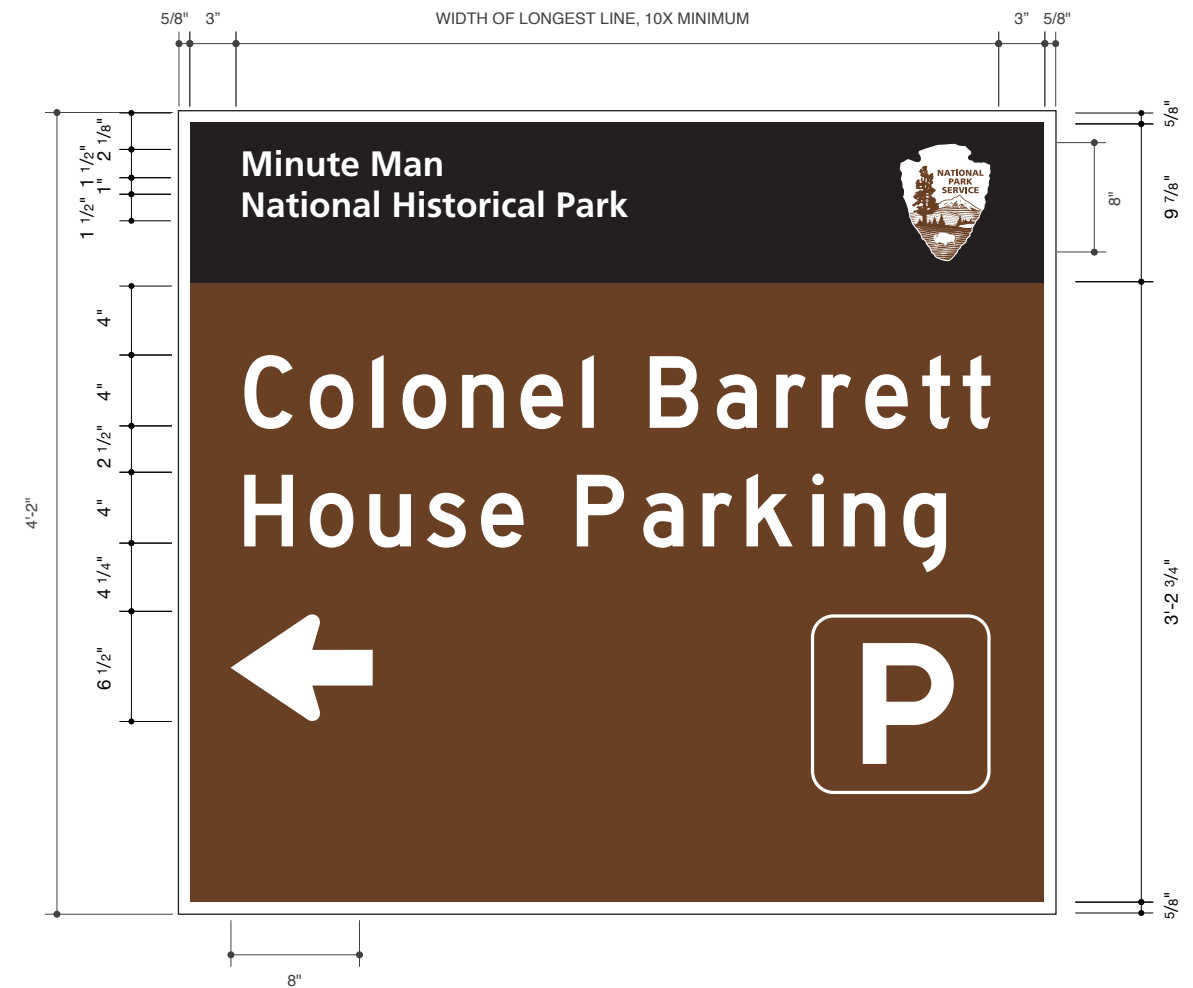
Select Grade Dimensional Timber Post Or

Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign Panel



01 Sign Type - PF-2.1D - Pathfinder Sign (2 Lines, Arrow, Symbol)
Elevation



02 Sign Type - PF-2.1D - Pathfinder Sign (2 Lines, Arrow, Symbol)
Elevation

*This measurement will vary with sign message

Scale: 1" = 1' 0"



SIGN SPECIFICATIONS

Sign Type - PF-3.0D - Pathfinder Sign (3 Lines, Arrow)

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848

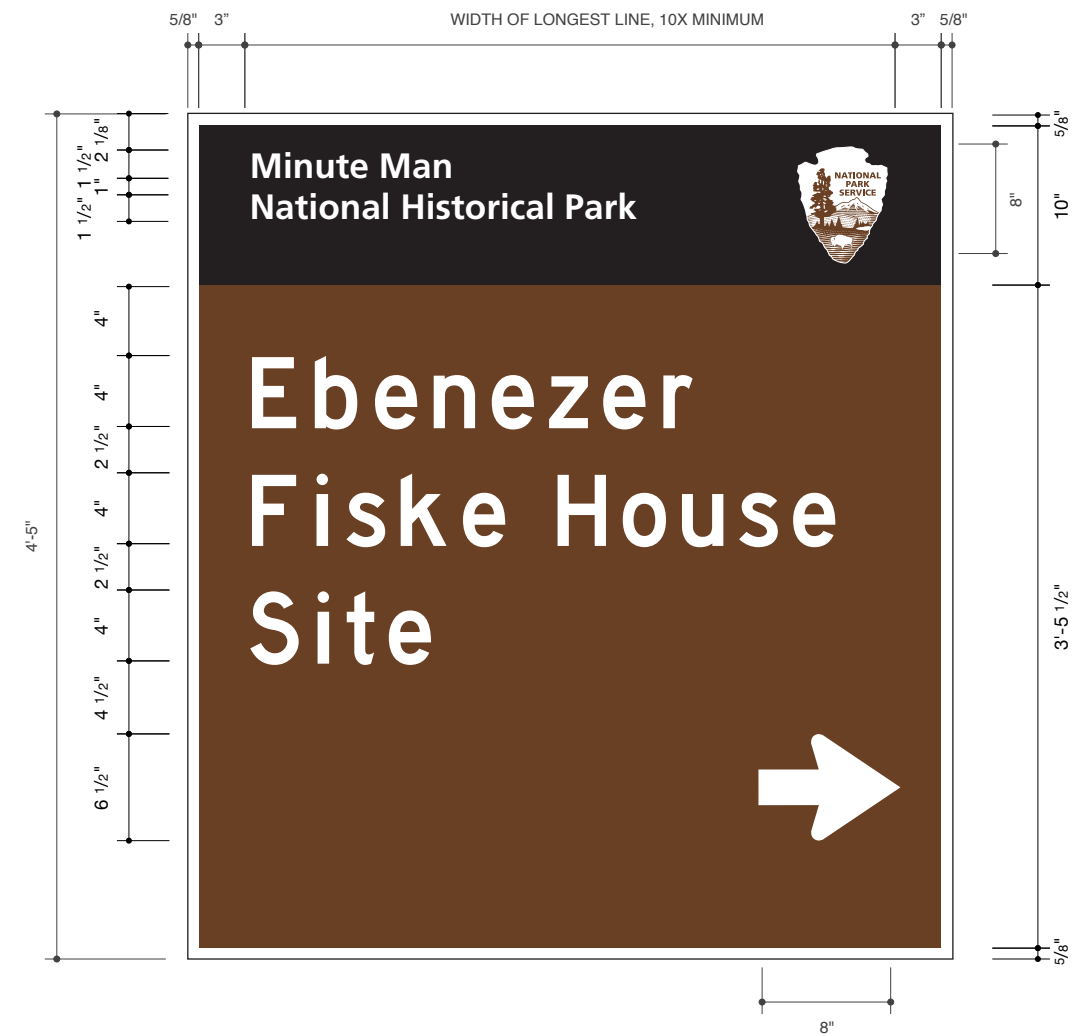
Fabrication Method - 3" X 3" X 3/16" Aluminum Structural Angle Sign Support

4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir, Select Grade Dimensional Timber Post Or Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign Panel



01 Sign Type - PF-3.0D - Pathfinder Sign (3 Lines, Arrow)
Elevation



02 Sign Type - PF-3.0D - Pathfinder Sign (3 Lines, Arrow)
Elevation

*This measurement will vary with sign message

Scale: 1" = 1' 0"



SIGN SPECIFICATIONS

Sign Type - PF-3.1D - Pathfinder Sign (3 Lines, Arrow, Symbol)

Material: 1/8" Thick Aluminum

Graphics Method:
 Letter Style - Highway Gothic
 Letter And Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Aluminum Panel with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848
 Fabrication Method - 3" X 3" X 3/16" Aluminum Structural Angle Sign Support
 4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir, Select Grade Dimensional Timber Post Or Southern Yellow Pine
 Adhesive Bond Aluminum Angle To Back Of Sign Panel



01 Sign Type - PF-3.1D - Pathfinder Sign (3 Lines, Arrow, Symbol)
Elevation

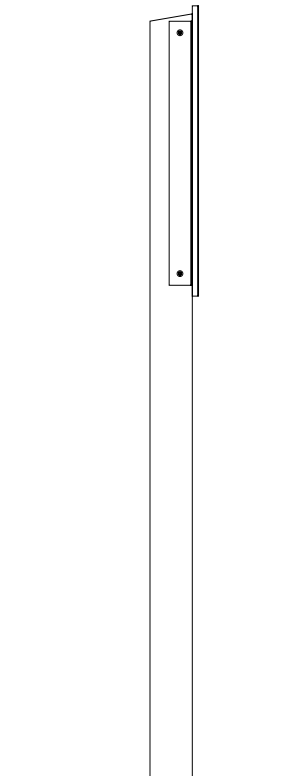
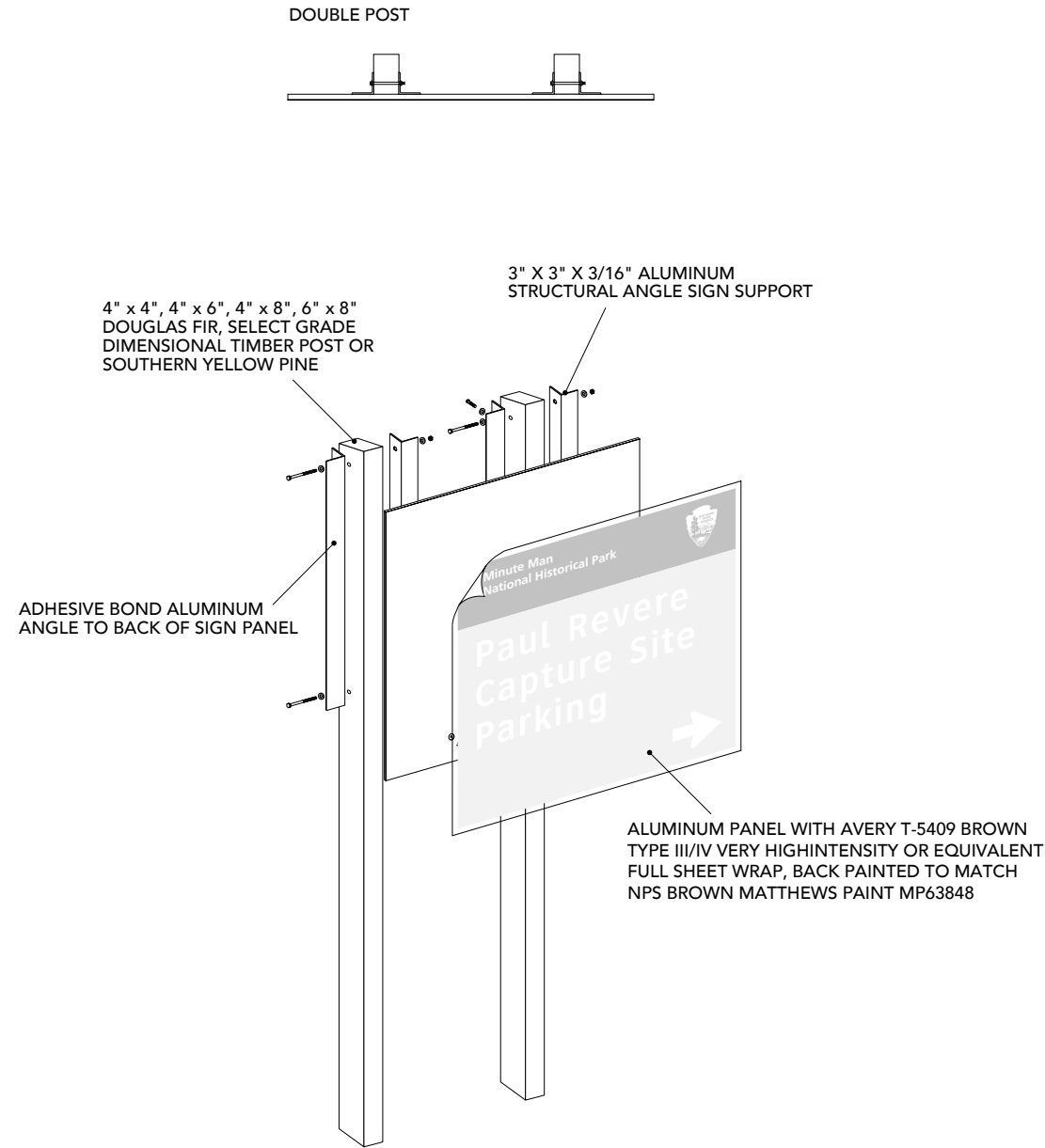


02 Sign Type - PF-3.1D - Pathfinder Sign (3 Lines, Arrow, Symbol)
Elevation

*This measurement will vary with sign message

Scale: 1" = 1'





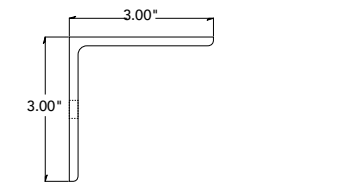
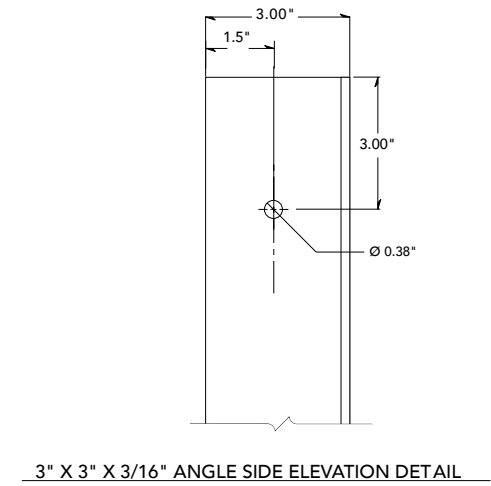
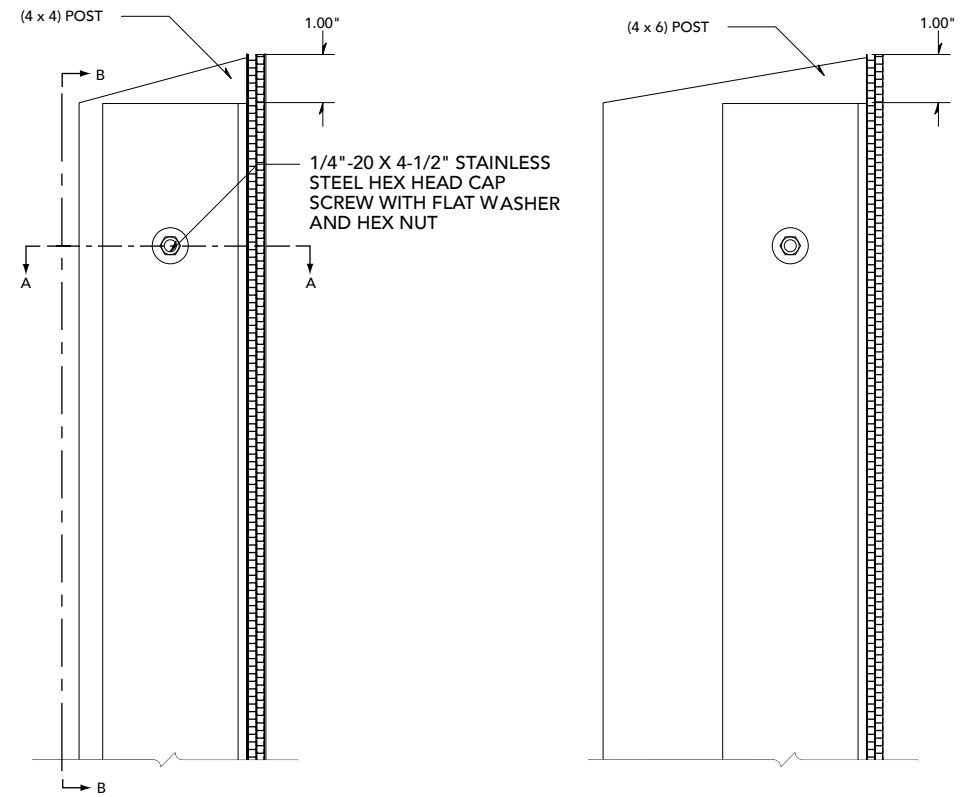
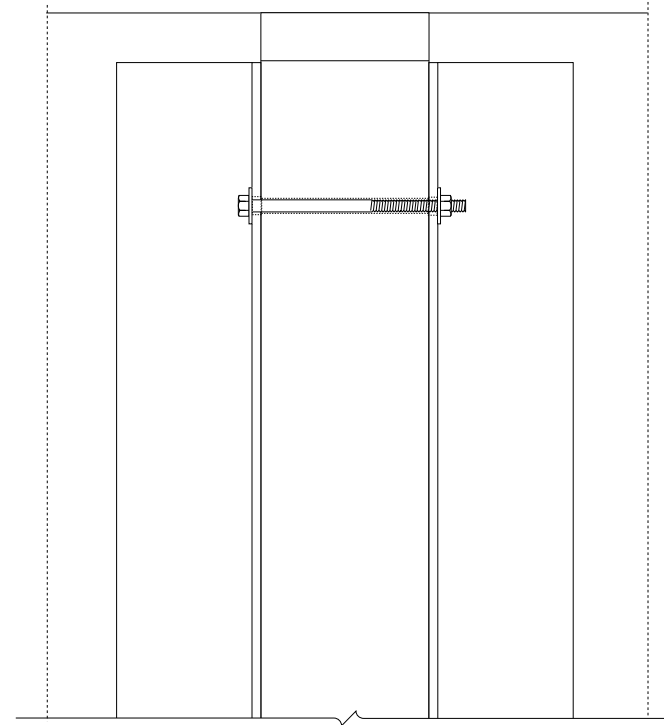
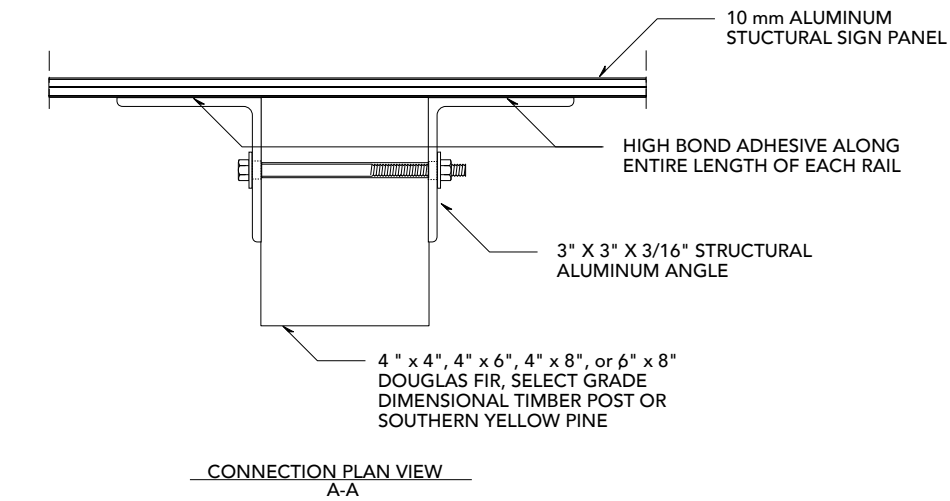
01 Sign Type - PF- Pathfinder
Elevation

02 Sign Type - PF- Pathfinder
End View

*This measurement will vary with sign message

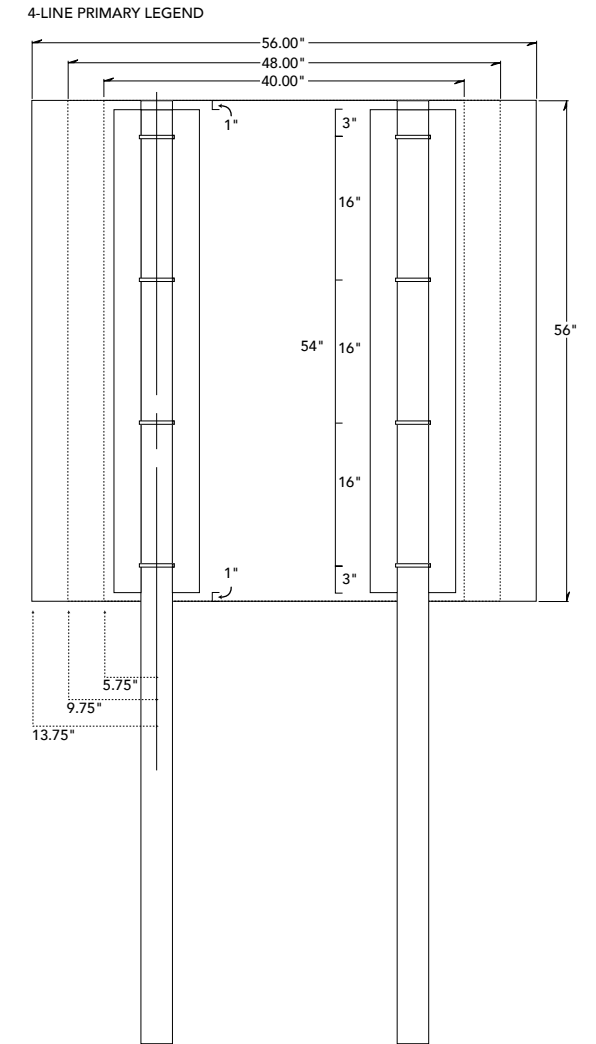
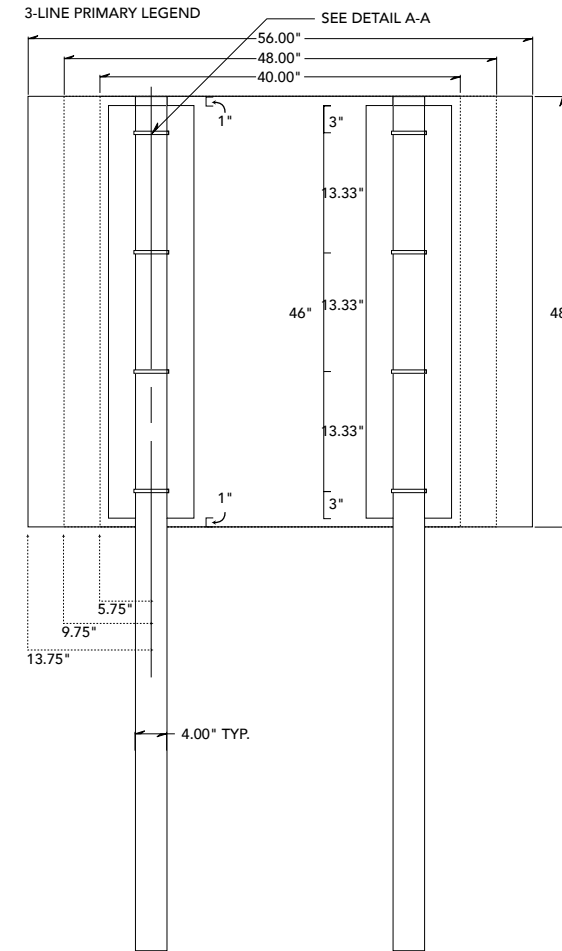
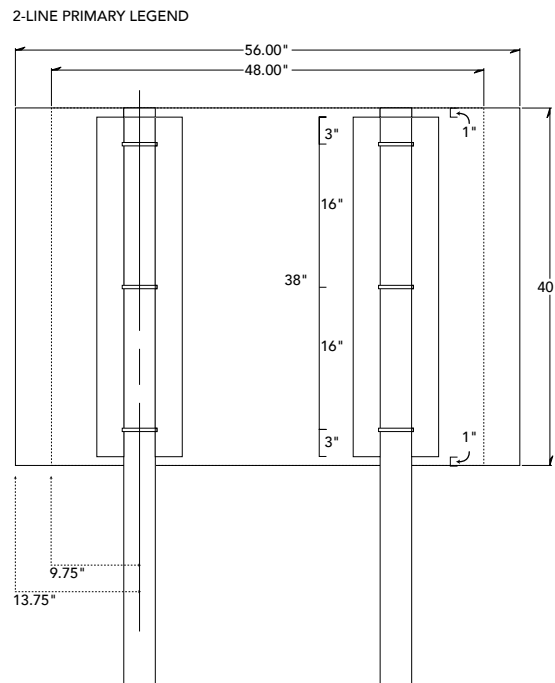
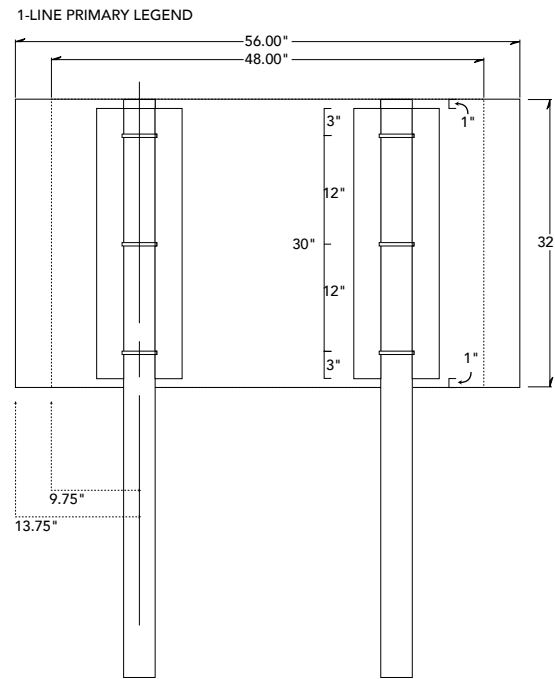
Scale: NTS





PATHFINDER SIGNS WITH 4" LEGENDS

Legend	Panel Size Width x Height	Post Size W x L	Post (Qty)	HAGL (max.)	Post Length	Bracket Length
1-Line	40" x 32"	4" x 6"	1	7'-0"	12'8"	30"
	48" x 32"	4" x 6"	2	7'-0"	12'8"	30"
	56" x 32"	4" x 6"	2	7'-0"	12'8"	30"
2-Line	40" x 40"	4" x 6"	1	7'-0"	13'4"	38"
	48" x 40"	4" x 6"	2	7'-0"	13'4"	38"
	56" x 40"	4" x 6"	2	7'-0"	13'4"	38"
3-Line	40" x 48"	4" x 6"	2	7'-0"	14'	46"
	48" x 48"	4" x 6"	2	7'-0"	14'	46"
	56" x 48"	4" x 6"	2	7'-0"	14'	46"
4-Line	40" x 56"	4" x 6"	2	7'-0"	14'8"	54"
	48" x 56"	4" x 6"	2	7'-0"	14'8"	54"
	56" x 56"	4" x 8"	2	7'-0"	14'8"	54"

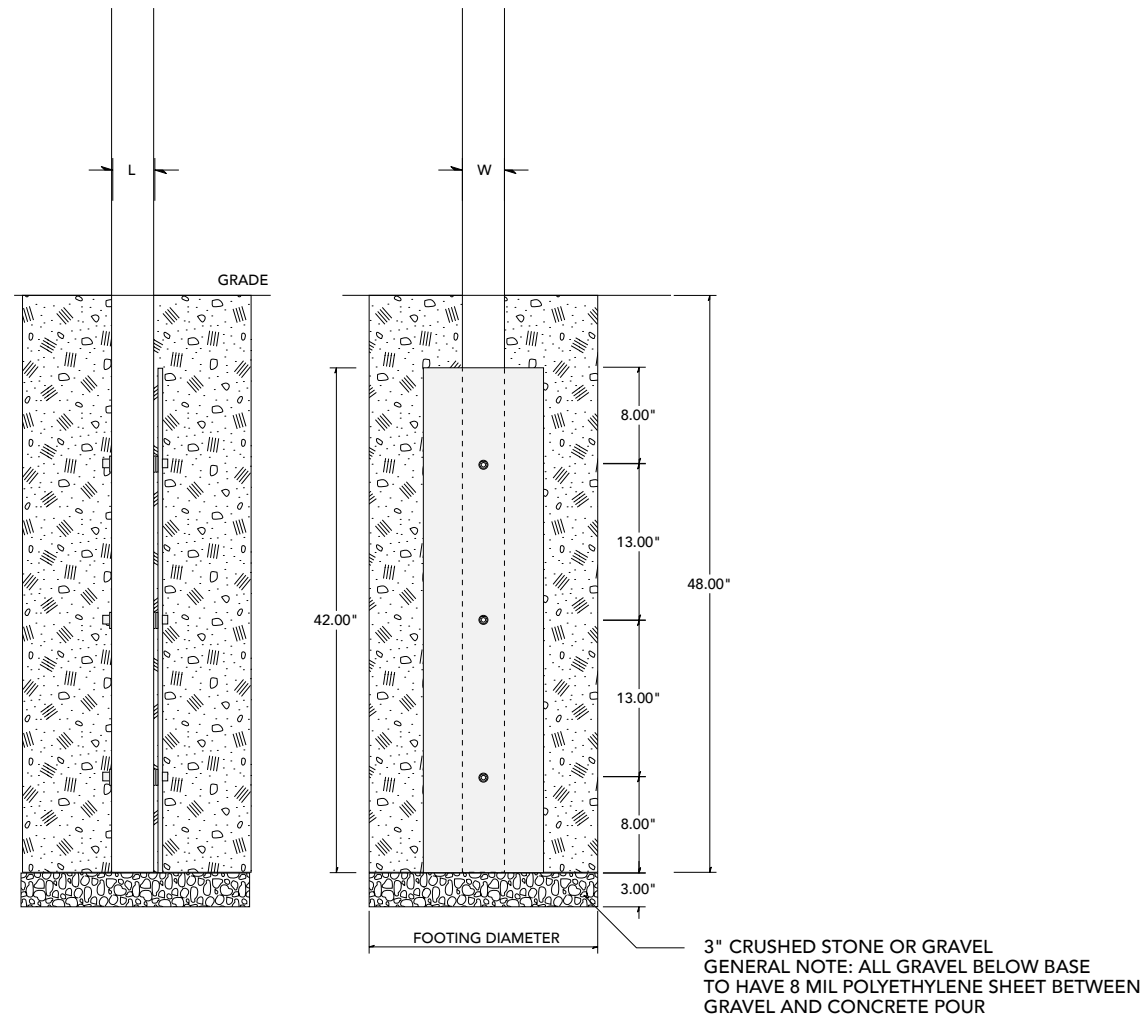


01 Sign Type - PF- Pathfinder - Assembly Reference Diagram for 4" Legends
Details

*This measurement will vary with sign message

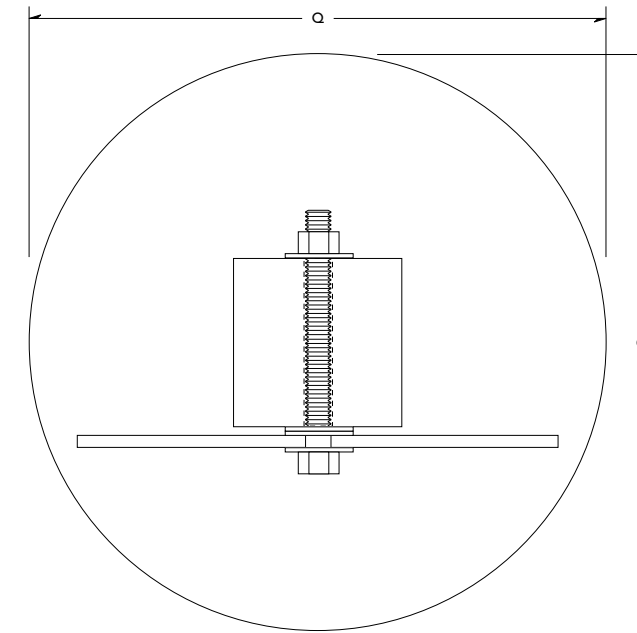
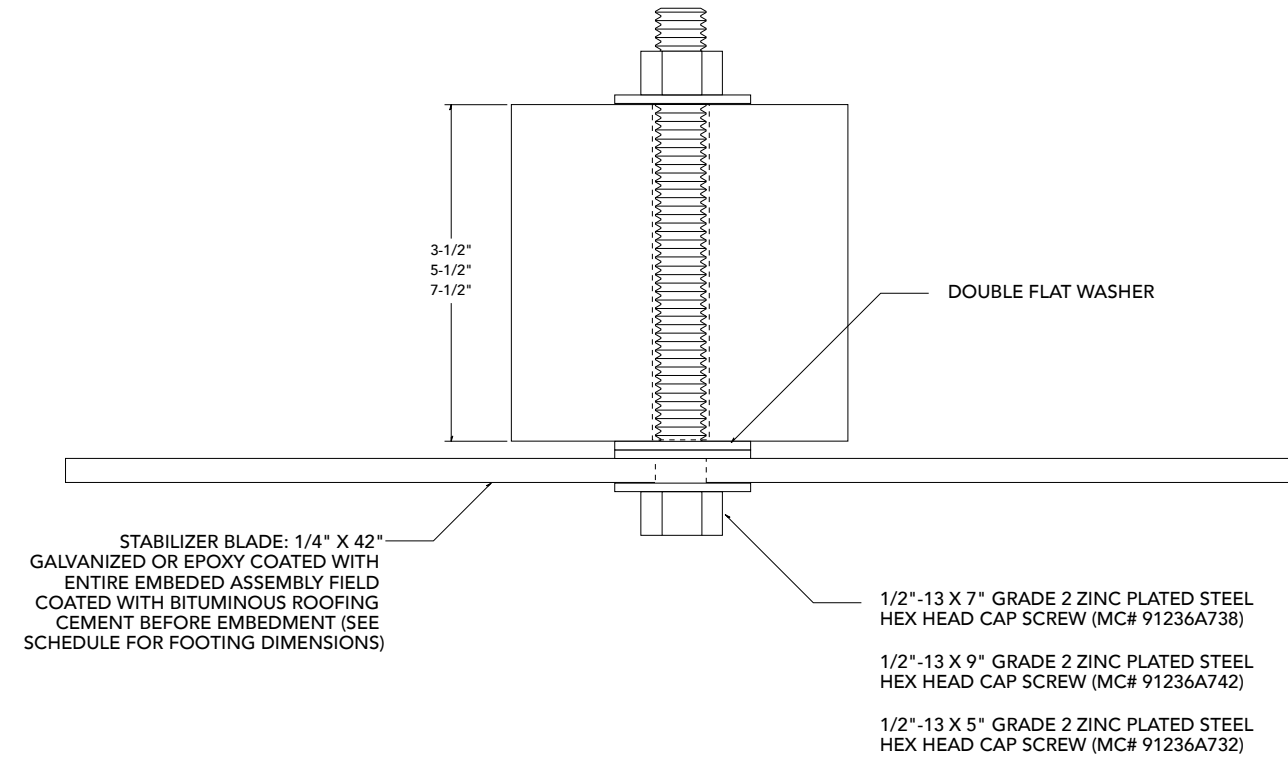
Scale: NTS





STABILIZER BLADE

Post Size (W) x(L)	Width of Blade (W)	Screw Size Length	Footing Size Diameter (Q)
4" x 4"	10"	5"	12"
4" x 6"	12"	7"	14"
4" x 8"	14"	9"	16"
6" x 8"	18"	9"	20"



01 Sign Type - PF- Pathfinder - Detail, Embedment and Stabilizer Blade
Details

*This measurement will vary with sign message

Scale: NTS

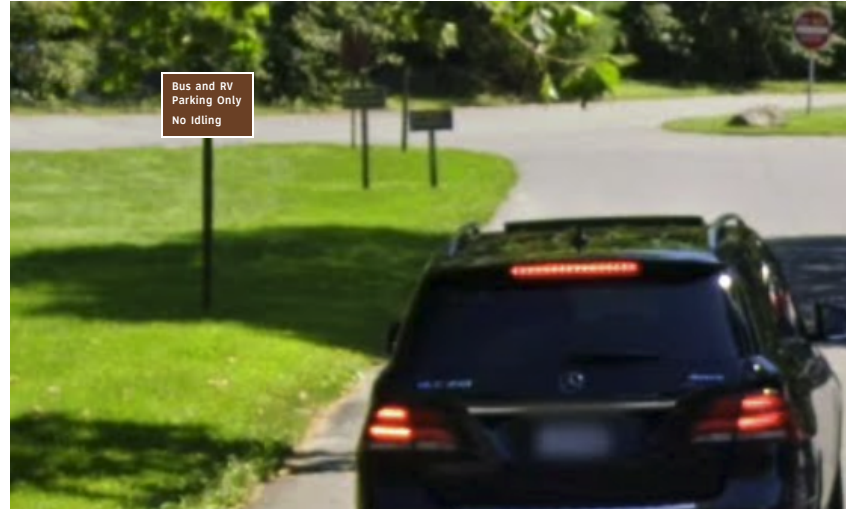


SIGN SPECIFICATIONS

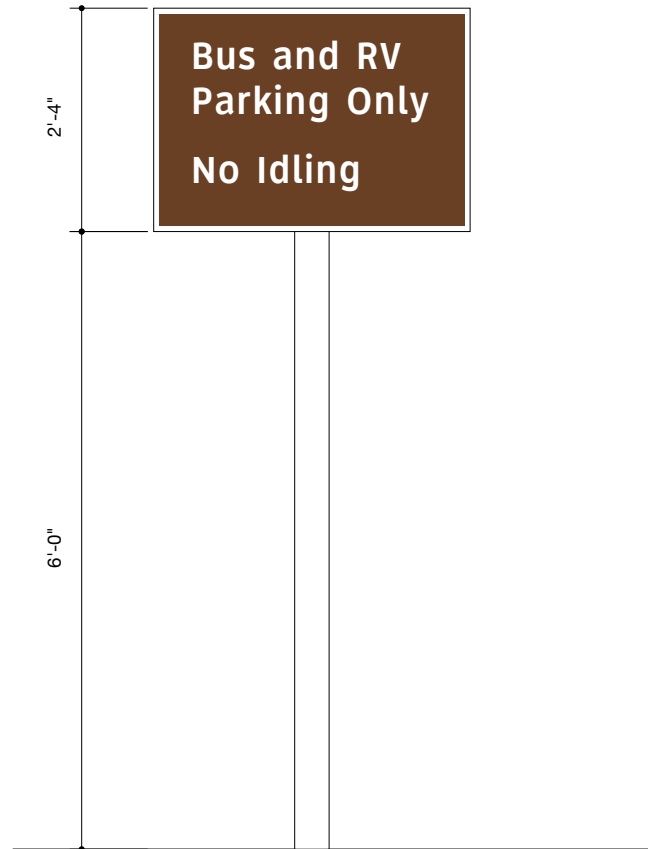
Sign Type - PLRS-1.0 - Parking Lot Regulatory Sign

Material: 1/8" Thick Aluminum

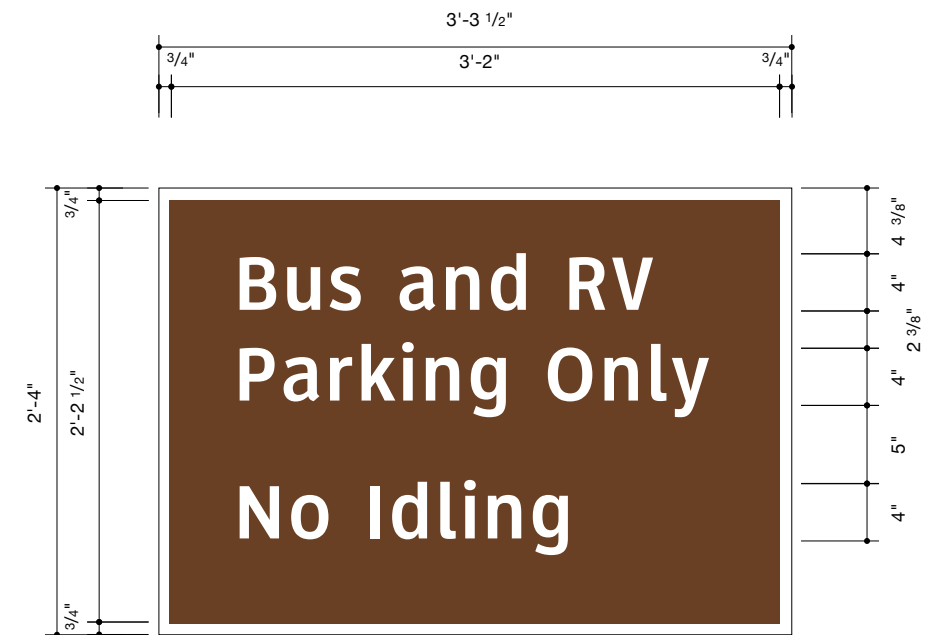
Graphics Method:
 Letter Style - Highway Gothic
 Letter And Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Aluminum Panel with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848
 Fabrication Method - 3" X 3" X 3/16" Aluminum Structural Angle Sign Support
 4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir, Select Grade Dimensional Timber Post Or Southern Yellow Pine
 Adhesive Bond Aluminum Angle To Back Of Sign Panel



01 Sign Type - PLRS-1.0 - Parking Lot Regulatory Sign Elevation



02 Sign Type - PLRS-1.0 - Parking Lot Regulatory Sign Elevation



03 Sign Type - PLRS-1.0 - Parking Lot Regulatory Sign Elevation

Scale: 1" = 1' 0"



SIGN SPECIFICATIONS

Sign Type - PLRS-2.0 - Parking Lot Regulatory Sign

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with

Avery T-5409 Brown Type III/IV Very HighIntens-

ity or Equivalent Full Sheet Wrap, Back Painted to

Match NPS Brown, Matthews Paint MP63848

Fabrication Method - 3" X 3" X 3/16" Aluminum

Structural Angle Sign Support

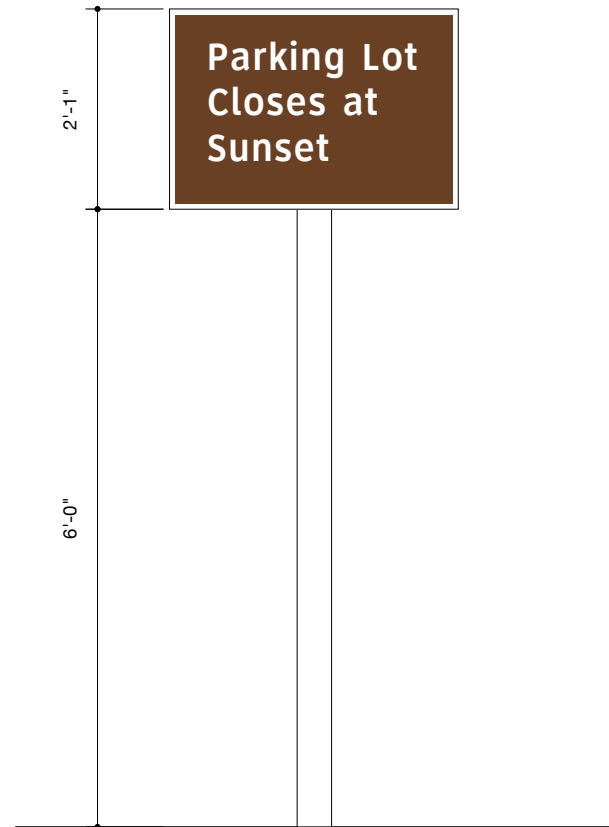
4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir,

Select Grade Dimensional Timber Post Or

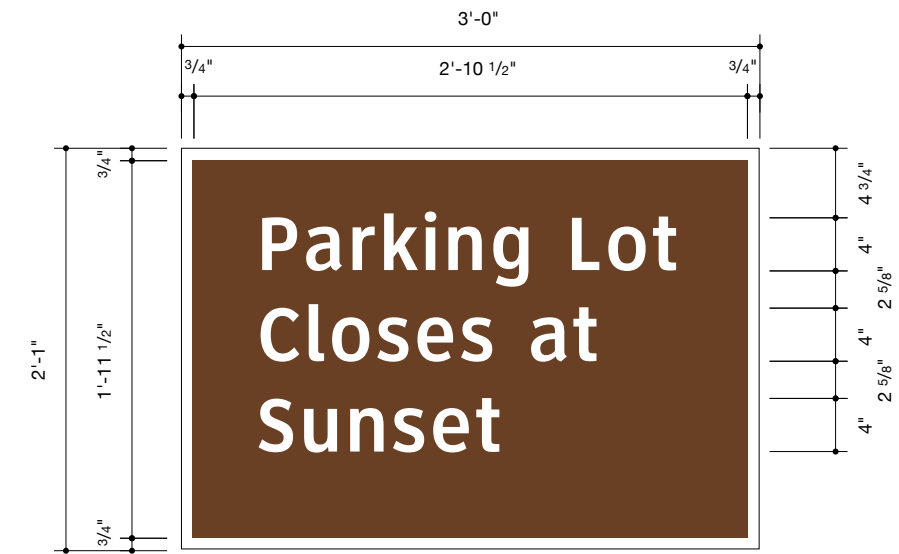
Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign

Panel



01 Sign Type - PLRS-2.0 - Parking Lot Regulatory Sign
Elevation



02 Sign Type - PLRS-2.0 - Parking Lot Regulatory Sign
Elevation

Scale: 1" = 1' 0"



SIGN SPECIFICATIONS

Sign Type - PLRS-3.0 - Parking Lot Regulatory Sign

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with

Avery T-5409 Brown Type III/IV Very HighIntensi-

ty or Equivalent Full Sheet Wrap, Back Painted to

Match NPS Brown, Matthews Paint MP63848

Fabrication Method - 3" X 3" X 3/16" Aluminum

Structural Angle Sign Support

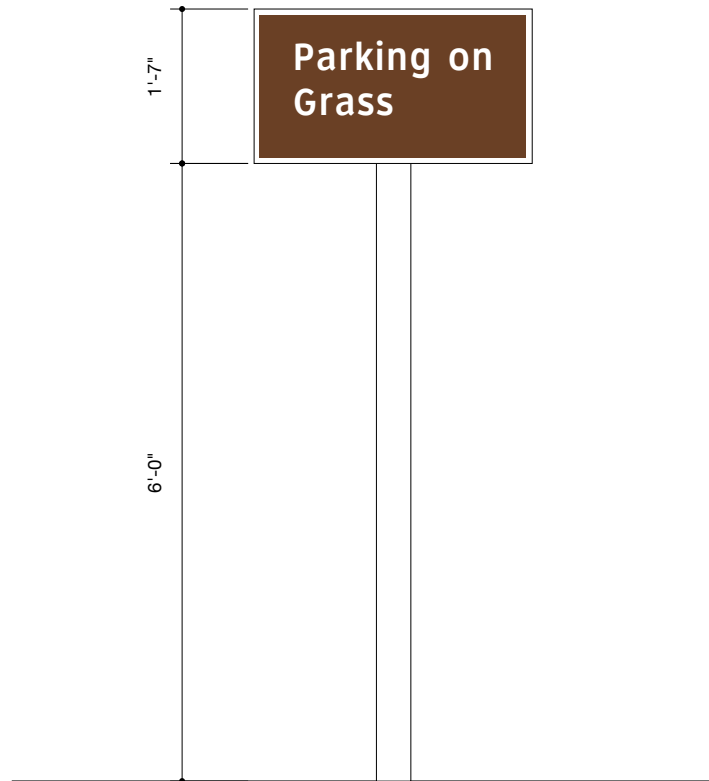
4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir,

Select Grade Dimensional Timber Post Or

Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign

Panel



01 Sign Type - PLRS-3.0 - Parking Lot Regulatory Sign
Elevation



02 Sign Type - PLRS-3.0 - Parking Lot Regulatory Sign
Elevation

Scale: 1" = 1' 0"

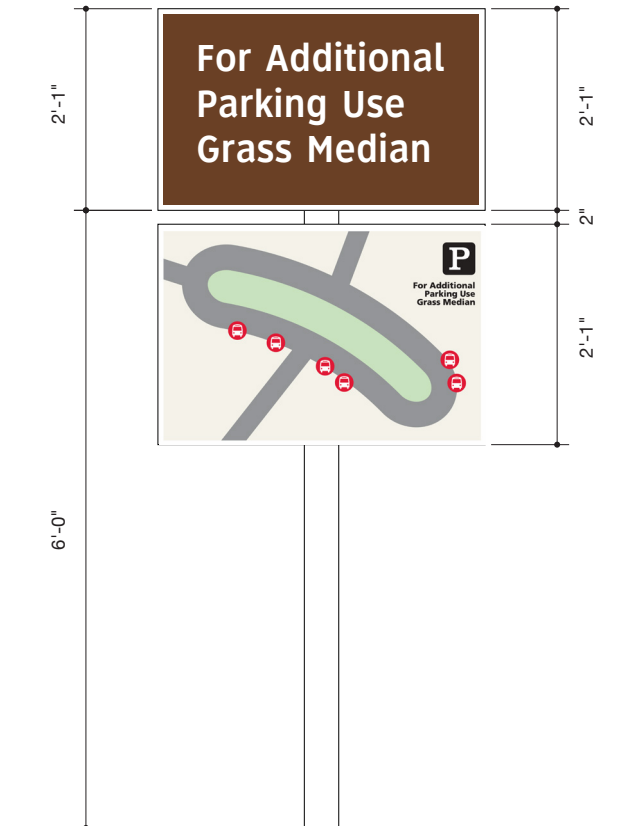


SIGN SPECIFICATIONS

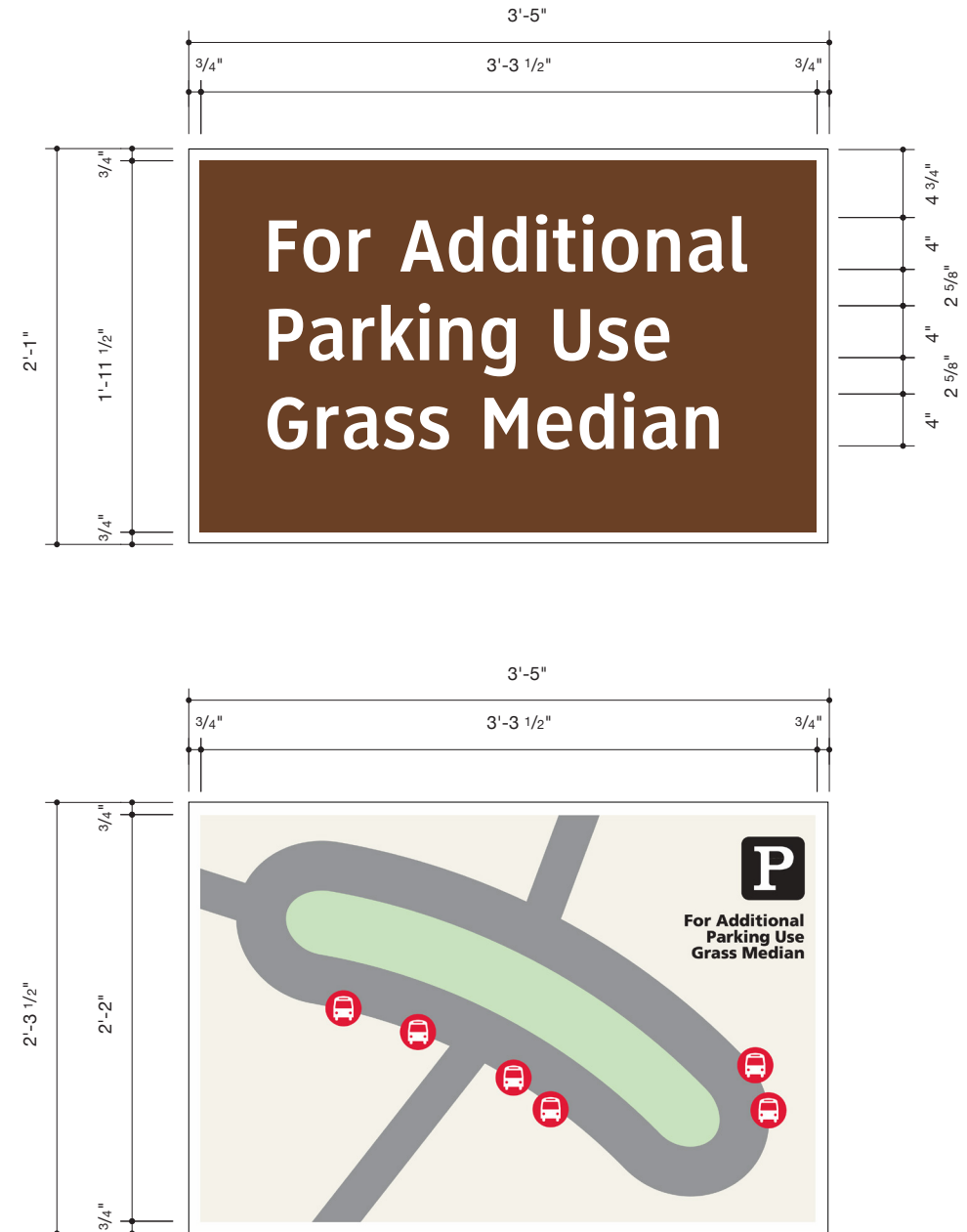
Sign Type - PLLM - Parking Lot Map

Material: 1/8" Thick Aluminum

Graphics Method:
 Letter Style - Highway Gothic
 Letter And Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Aluminum Panel with Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to Match NPS Brown, Matthews Paint MP63848
 Fabrication Method - 3" X 3" X 3/16" Aluminum Structural Angle Sign Support
 4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir, Select Grade Dimensional Timber Post Or Southern Yellow Pine
 Adhesive Bond Aluminum Angle To Back Of Sign Panel



01 Sign Type - PLLM - Parking Lot Map
Elevation



02 Sign Type - PLLM - Parking Lot Map
Elevation

Scale: 1" = 1' 0"



SIGN SPECIFICATIONS

Sign Type - PD - Private Drive

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with

Avery T-5409 Brown Type III/IV Very HighIntensi-

ty or Equivalent Full Sheet Wrap, Back Painted to

Match NPS Brown, Matthews Paint MP63848

Fabrication Method - 3" X 3" X 3/16" Aluminum

Structural Angle Sign Support

4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir,

Select Grade Dimensional Timber Post Or

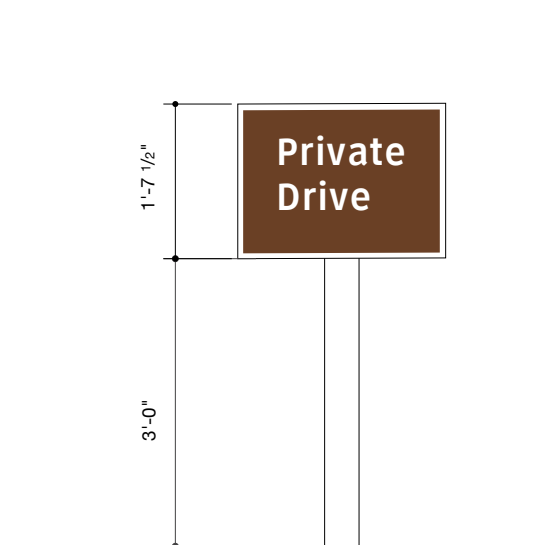
Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign

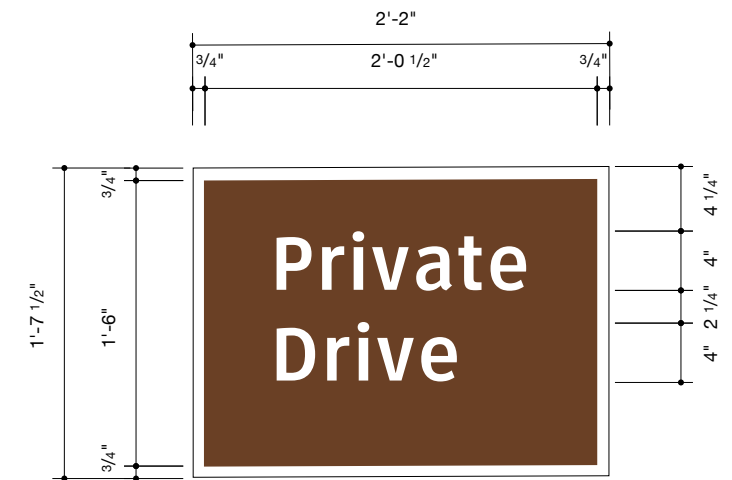
Panel



01 Sign Type - PD - Private Drive
Elevation



02 Sign Type - PD - Private Drive
Elevation



03 Sign Type - PD - Private Drive
Elevation

Scale: 1" = 1' 0"

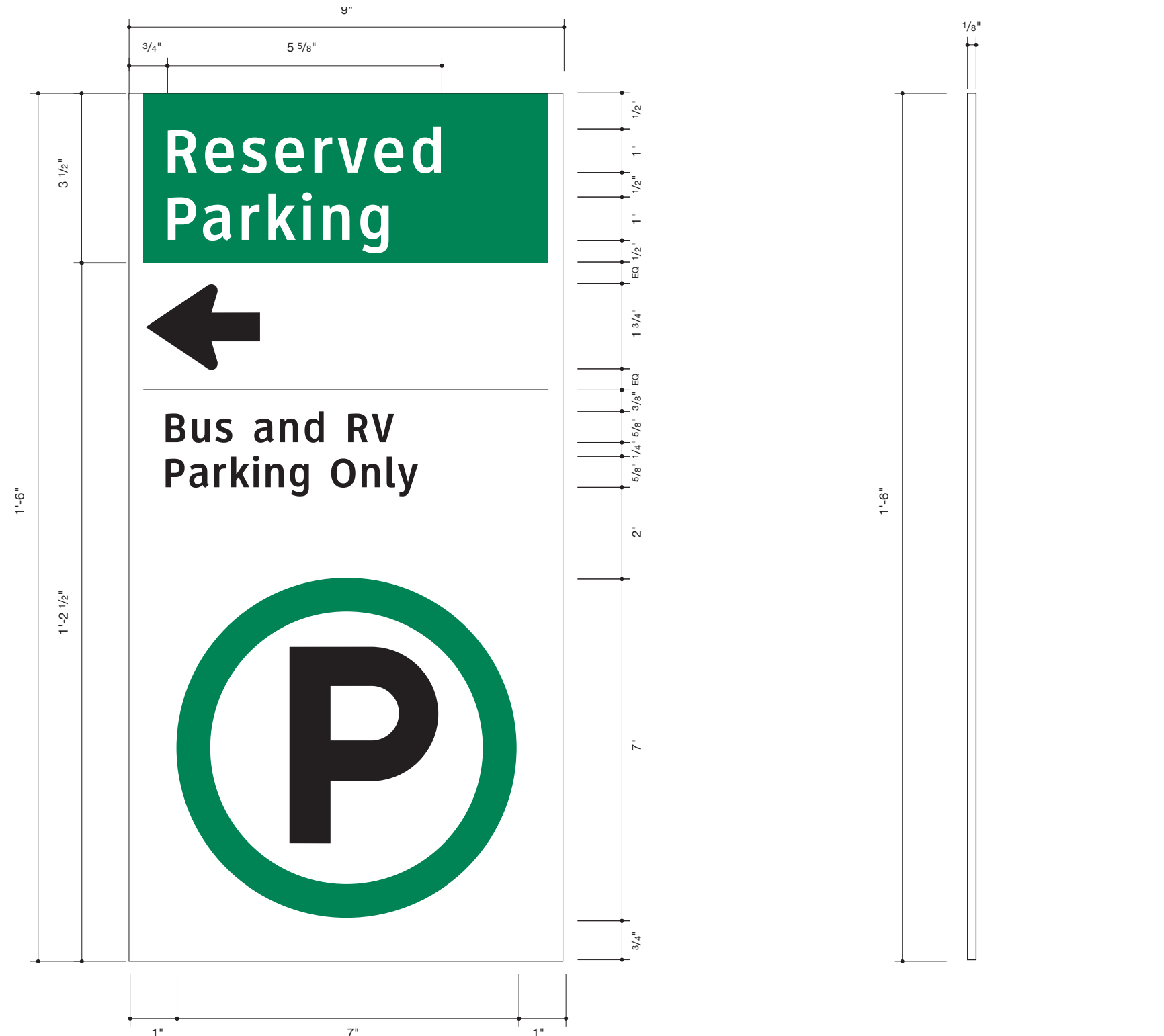


SIGN SPECIFICATIONS

RP Reserved Parking

Material: 1/8" Thick Aluminum

Graphics Method:
 Letter Style - Highway Gothic
 Letter and Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Reflective PMS 7489 Vinyl
 Background Color - PMS White

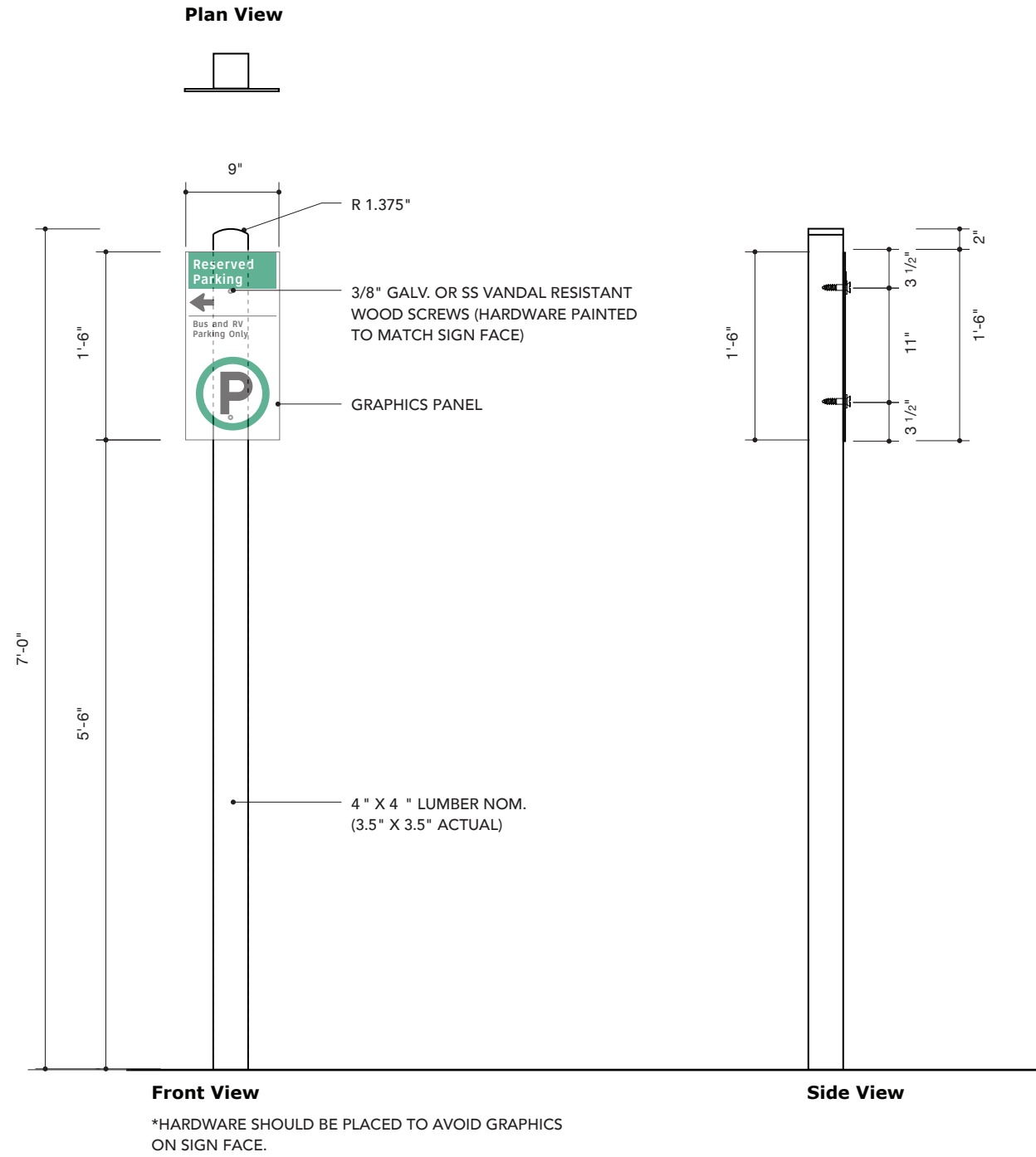


01 Sign Type - RP - Reserved Parking
Elevation

02 Sign Type - RP - Reserved Parking
End View

Scale: 3/8" = 1"

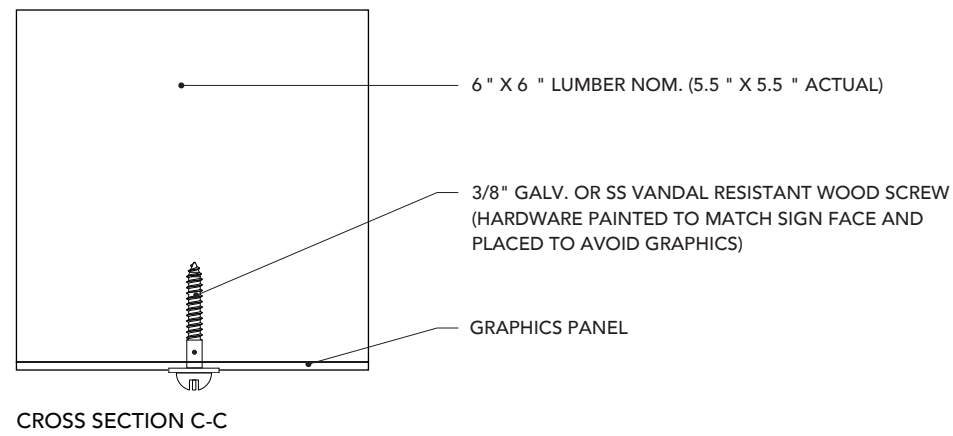
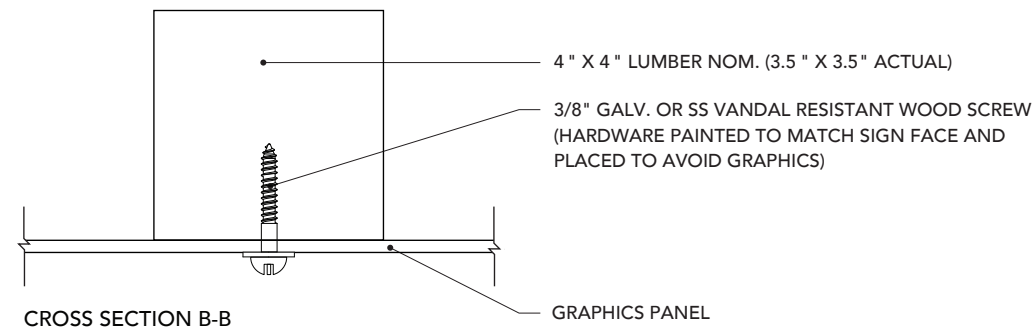
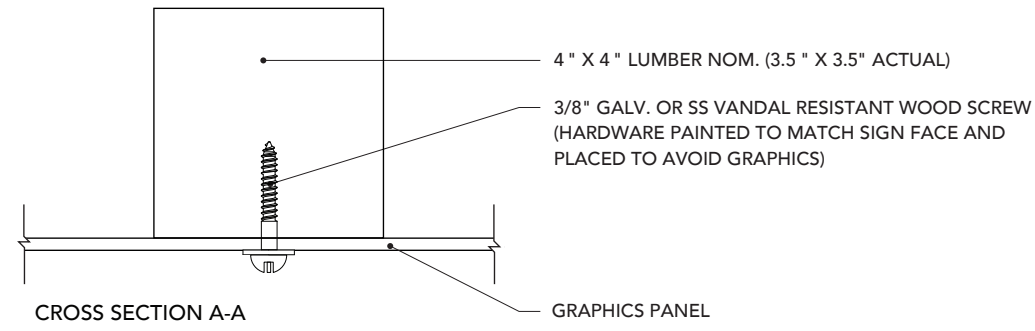




01 Sign Type - RP - Reserved Parking Wood Post Attached Through Sign Face
Elevation / End View

Scale: 3/4" - 1' 0"

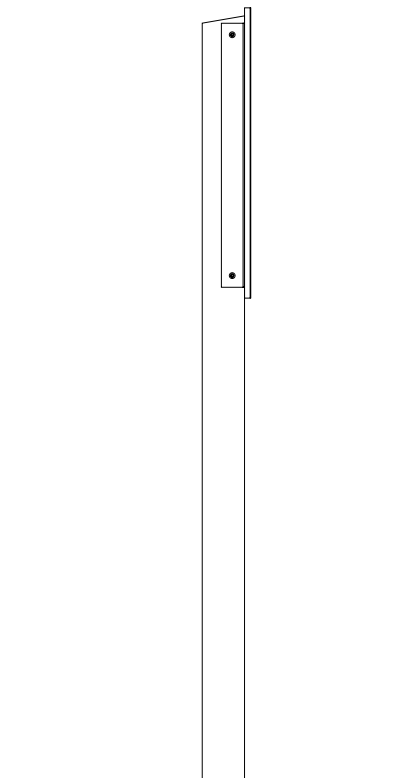
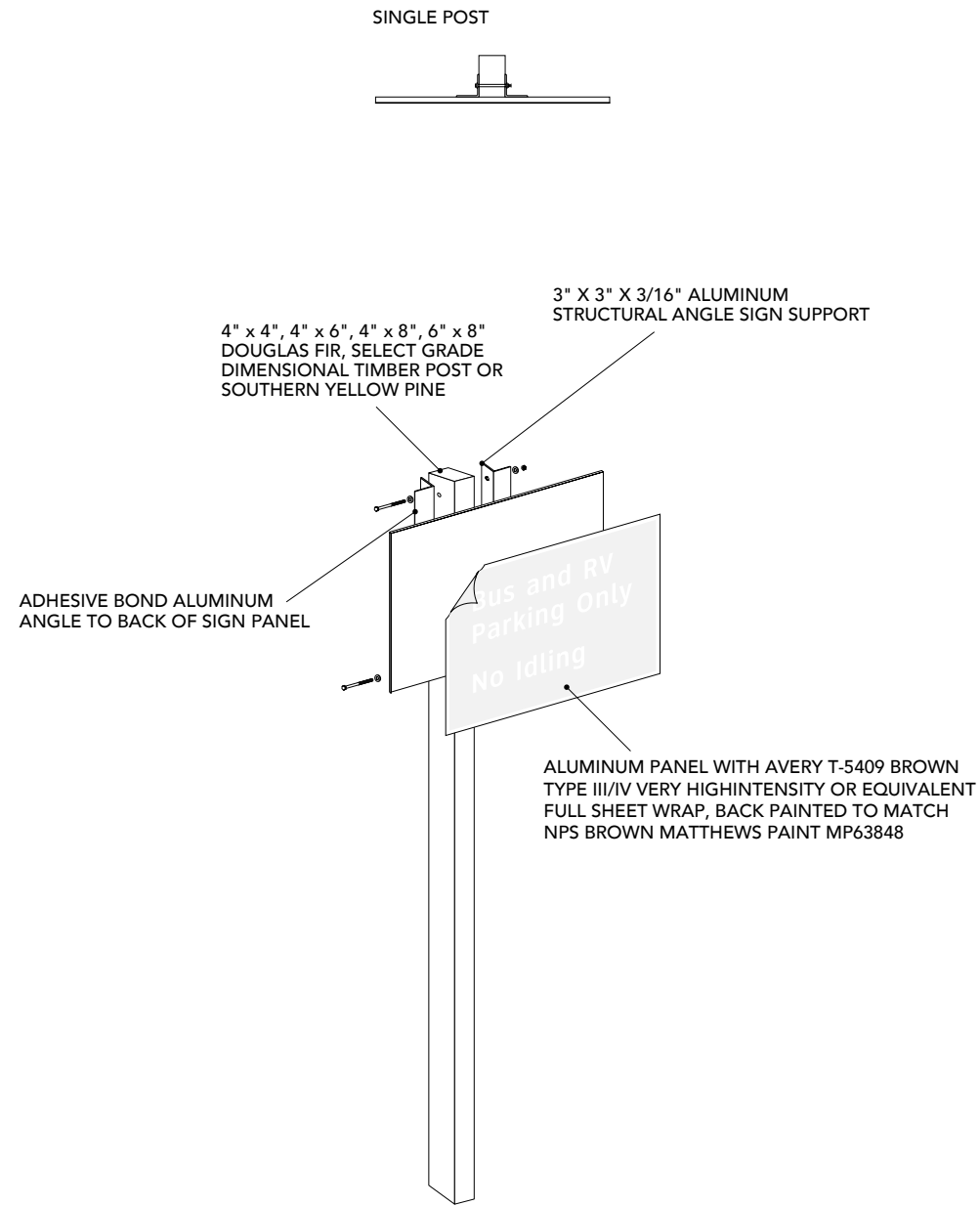




01 Sign Type - RP - Reserved Parking Wood Post Attached Through Sign Face
Elevation

Scale: NTS



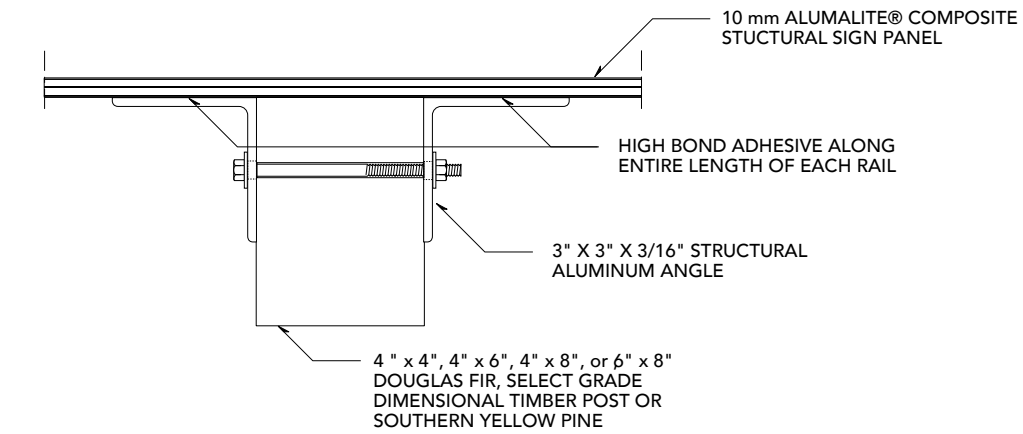


01 Sign Type - PLRS - Parking Lot Regulatory Sign - Panel Connection and Angle Dimensions
Details

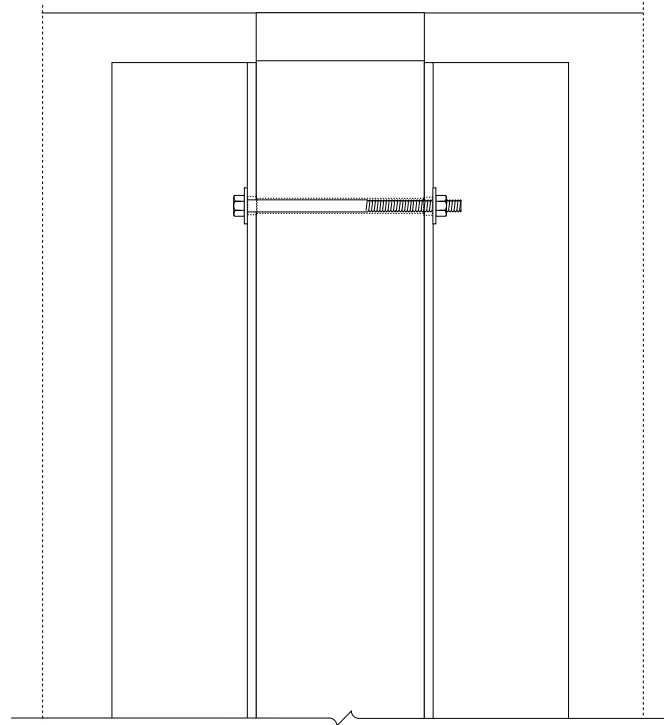
02 Sign Type - PLRS - Parking Lot Regulatory Sign - Panel Connection and Angle Dimensions
End View

Scale: 1" = 1' 0"

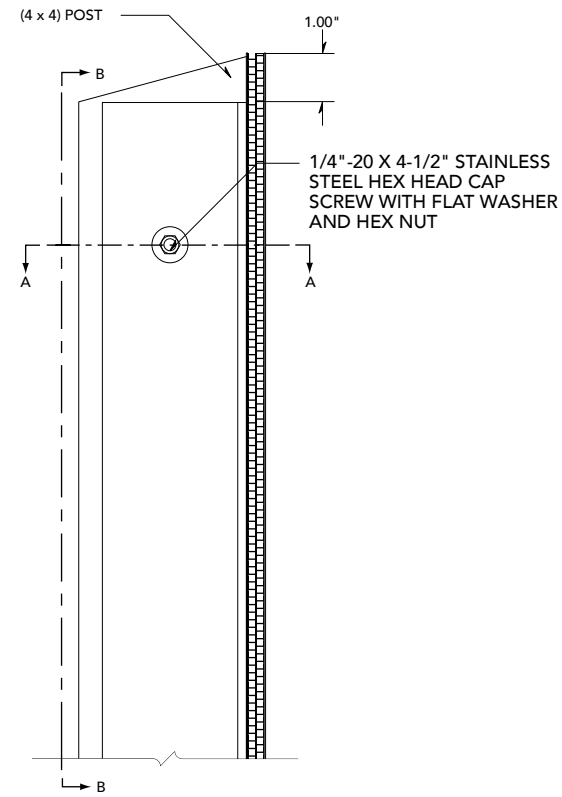




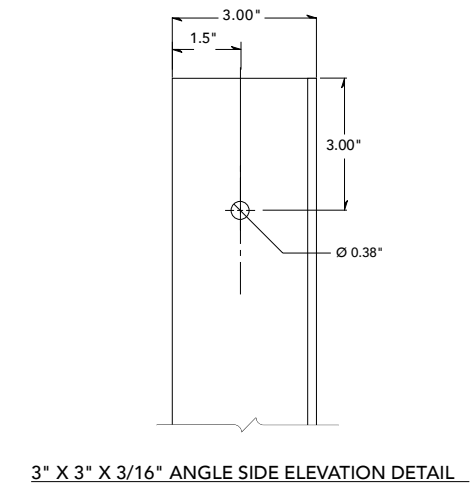
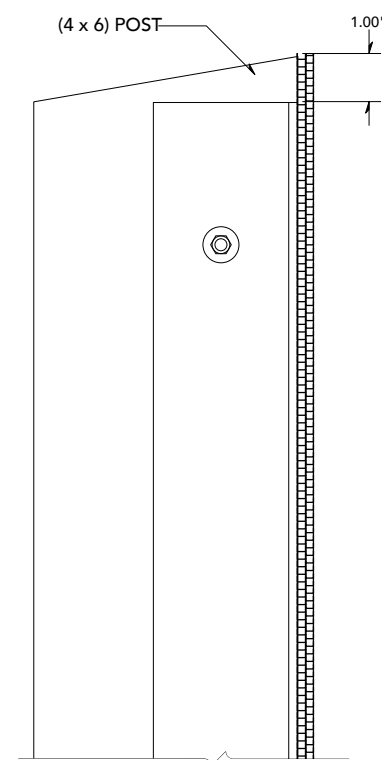
CONNECTION PLAN VIEW
A-A



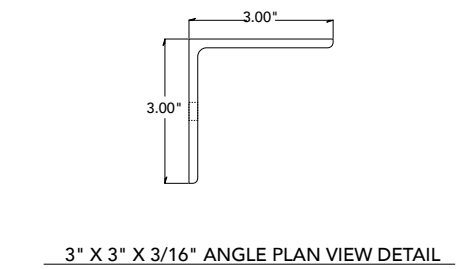
CONNECTION BACK ELEVATION DETAIL
B-B



CONNECTION SIDE ELEVATION DETAIL



3" X 3" X 3/16" ANGLE SIDE ELEVATION DETAIL



3" X 3" X 3/16" ANGLE PLAN VIEW DETAIL

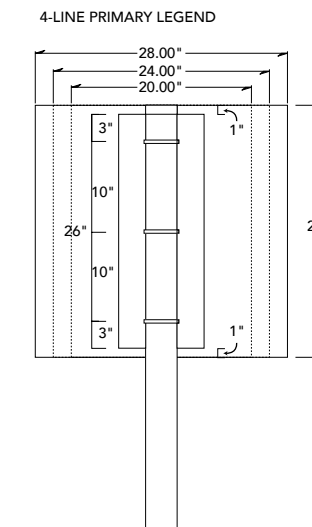
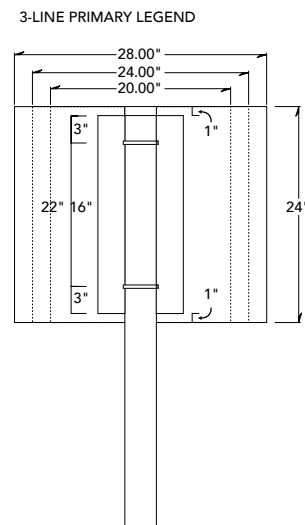
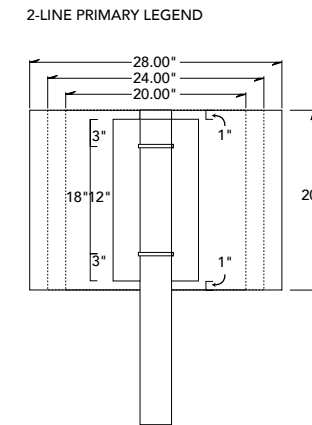
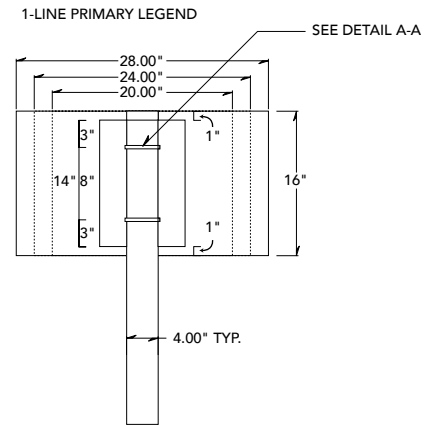
01 Sign Type - PLRS - Parking Lot Regulatory Sign - Panel Connection and Angle Dimensions
Details

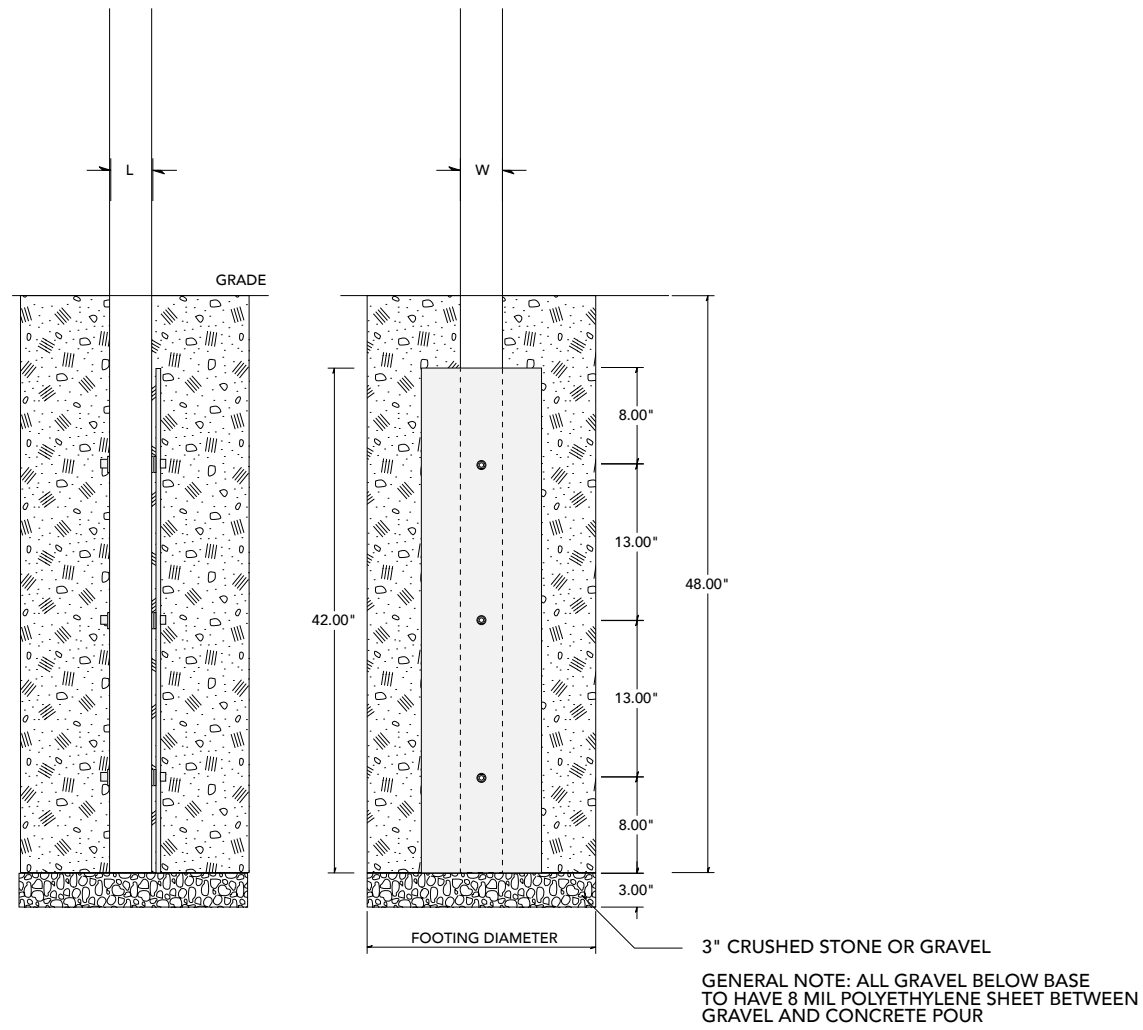
Scale: NTS



SIGNS WITH 4" LEGENDS

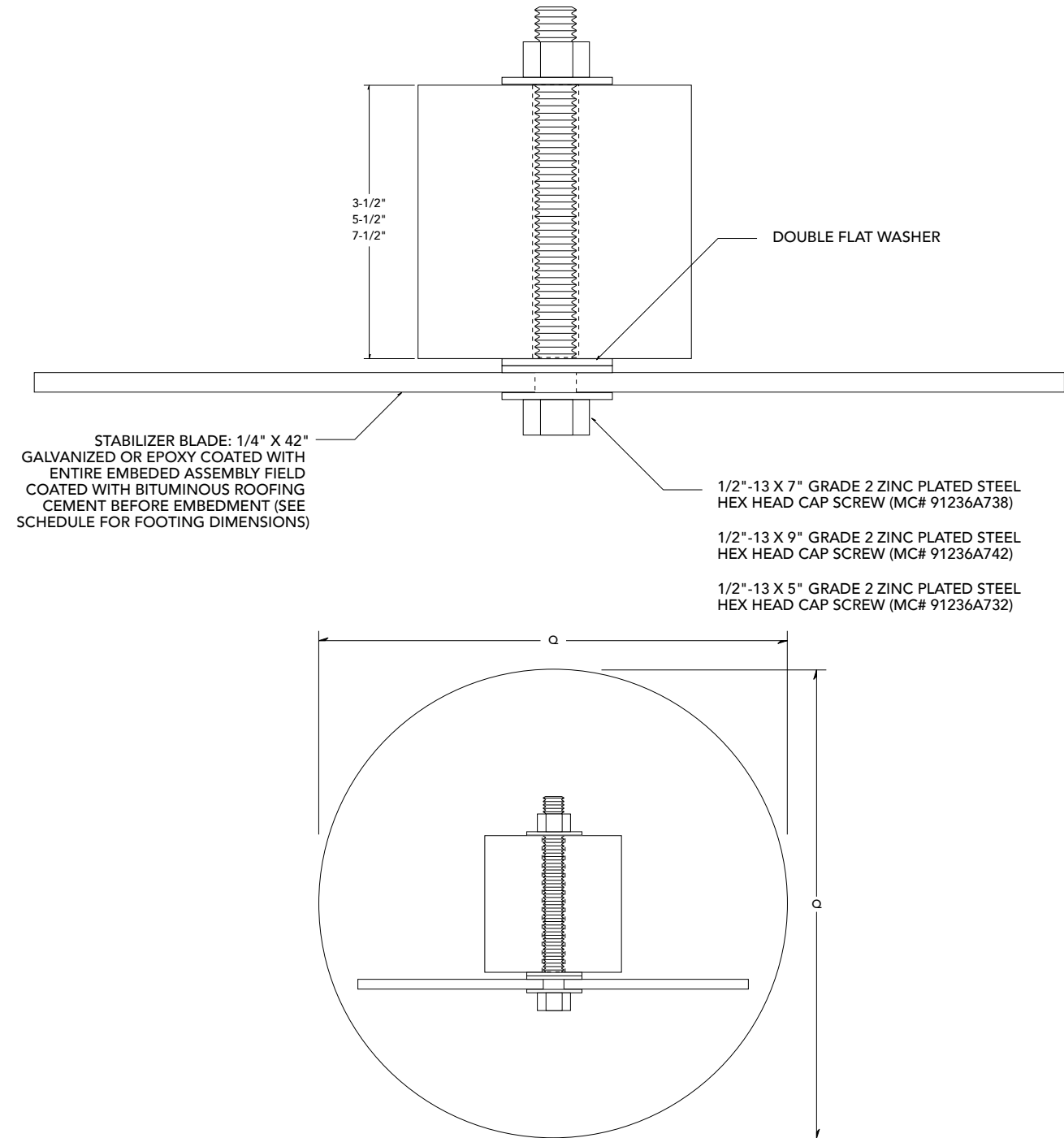
Legend	Panel Size Width x Height	Post Size W x L	Post (Qty)	HAGL (max.)	Post Length (max.)	Bracket Length
1-Line	20" x 16"	4" x 4"	1	7'-0"	11'4"	14"
	24" x 16"	4" x 4"	1	7'-0"	11'4"	14"
	28" x 16"	4" x 4"	1	7'-0"	11'4"	14"
2-Line	20" x 20"	4" x 4"	1	7'-0"	11'8"	18"
	24" x 20"	4" x 4"	1	7'-0"	11'8"	18"
	28" x 20"	4" x 4"	1	7'-0"	11'8"	18"
3-Line	20" x 24"	4" x 4"	1	7'-0"	12'	22"
	24" x 24"	4" x 4"	1	7'-0"	12'	22"
	28" x 24"	4" x 4"	1	7'-0"	12'	22"
4-Line	20" x 28"	4" x 4"	1	7'-0"	12'4"	26"
	24" x 28"	4" x 6"	1	7'-0"	12'4"	26"
	28" x 28"	4" x 6"	1	7'-0"	12'4"	26"





STABILIZER BLADE

Post Size (W) x(L)	Width of Blade (W)	Screw Size Length	Footing Size Diameter (Q)
4" x 4"	10"	5"	12"
4" x 6"	12"	7"	14"
4" x 8"	14"	9"	16"
6" x 8"	18"	9"	20"



SIGN SPECIFICATIONS

AP Reserved Parking / Van Accessible

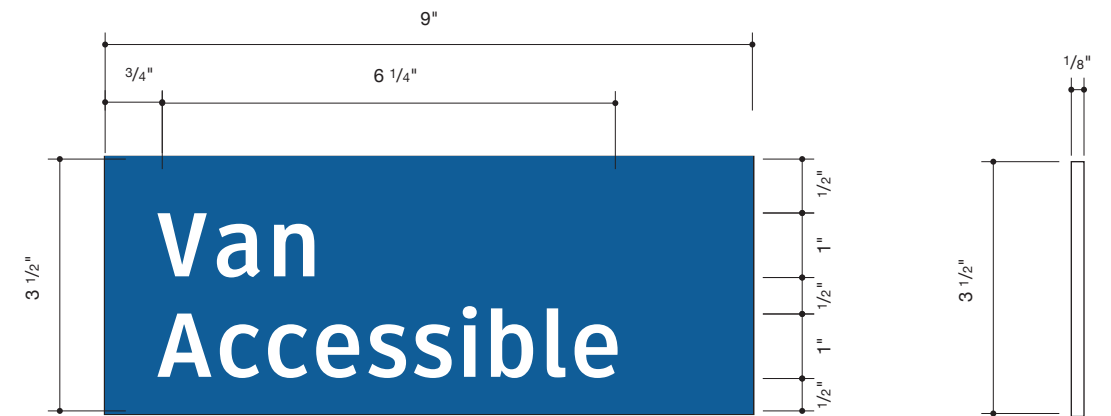
Material: 1/8" Thick Aluminum

Graphics Method:
 Letter Style - Highway Gothic
 Letter and Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Reflective PMS 2945 Vinyl
 Background Color - PMS White



01 Sign Type - AP1.0 - Reserved Parking
Elevation

02 Sign Type - AP1.0 - Reserved Parking
End View

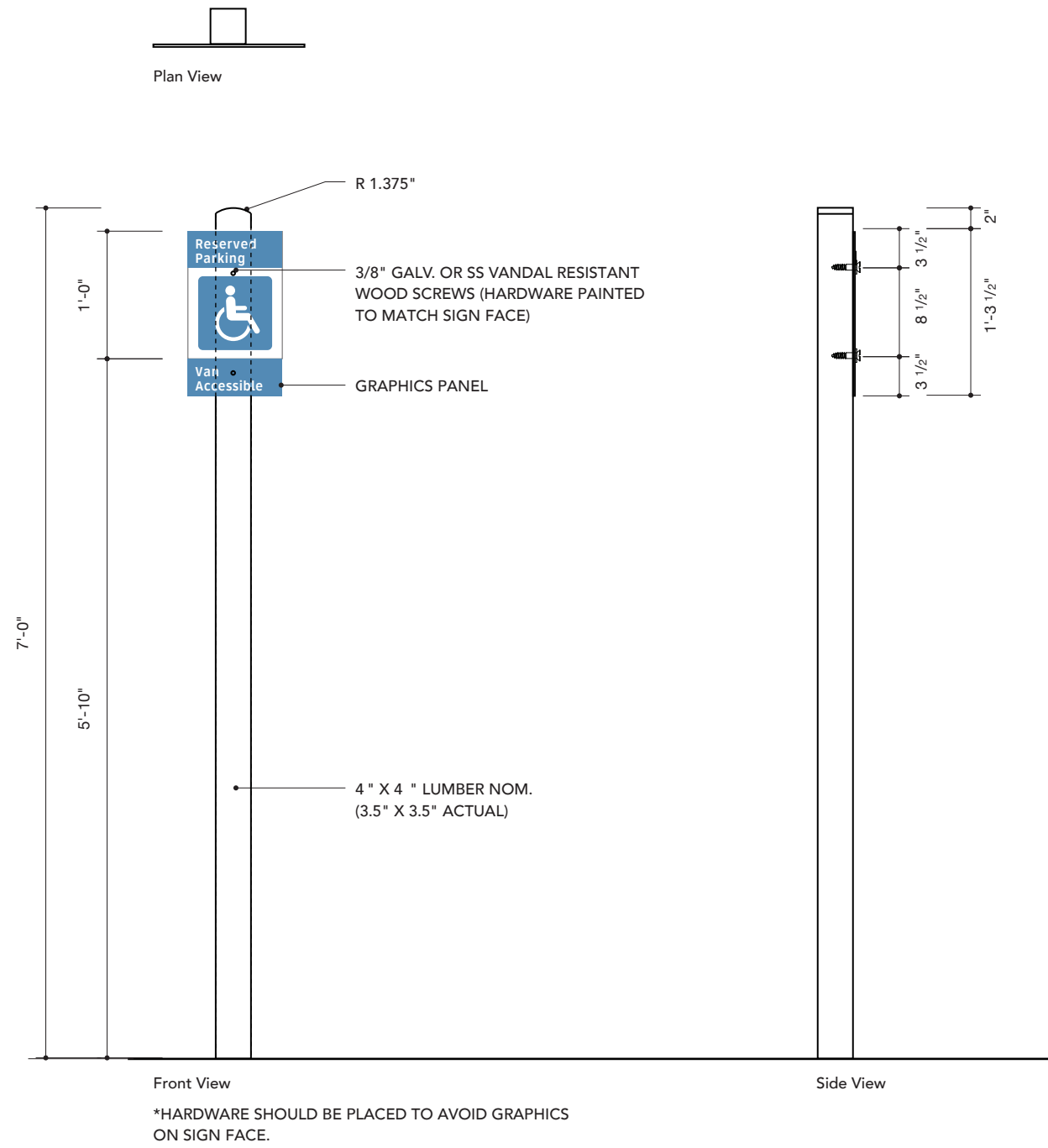


03 Sign Type - AP2.0 - Van Accessible
Elevation

04 Sign Type - AP2.0 - Van Accessible
End View

Scale: 3/8" - 1"

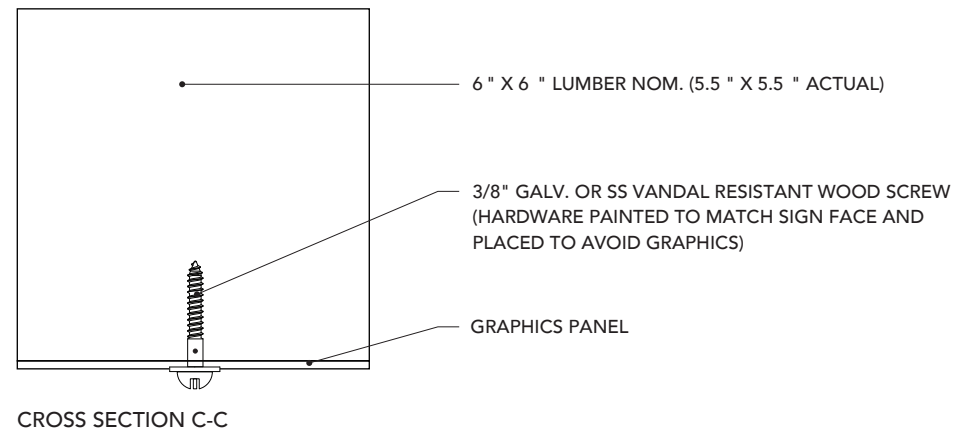
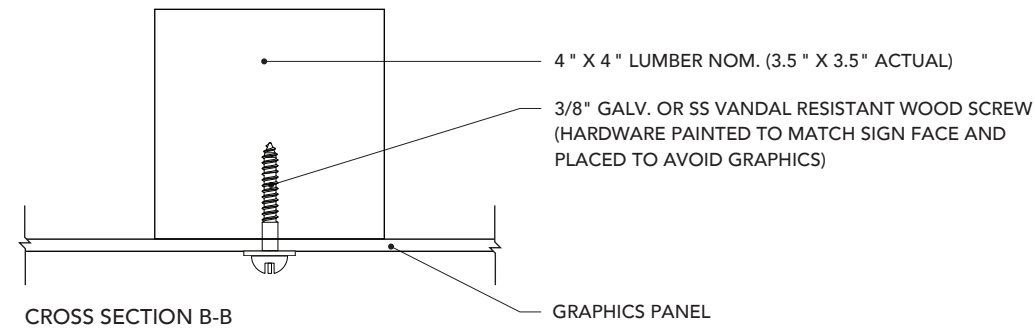
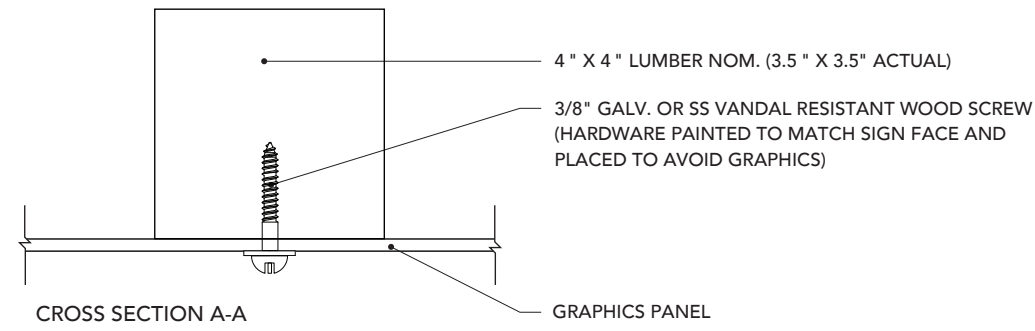




01 Sign Type - AP1.0 / AP2.0 - Reserved Parking Wood Post Attached Through Sign Face
Elevation / End View

Scale: 3/4" = 1' 0"





01 Sign Type - AP1.0 / AP2.0 - Reserved Parking Wood Post Attached Through Sign Face
Elevation

Scale: NTS



SIGN SPECIFICATIONS

Ap - Additional Accessible Parking

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Cleaveview

Letter And Icon Color - PMS White

Background Method - Reflective White Vinyl

Background Method - Aluminum Panel with

Avery T-5409 Brown Type III/IV Very High Intensity or Equivalent Full Sheet Wrap, Back Painted to

Match NPS Brown, Matthews Paint MP63848

Fabrication Method - 3" X 3" X 3/16" Aluminum

Structural Angle Sign Support

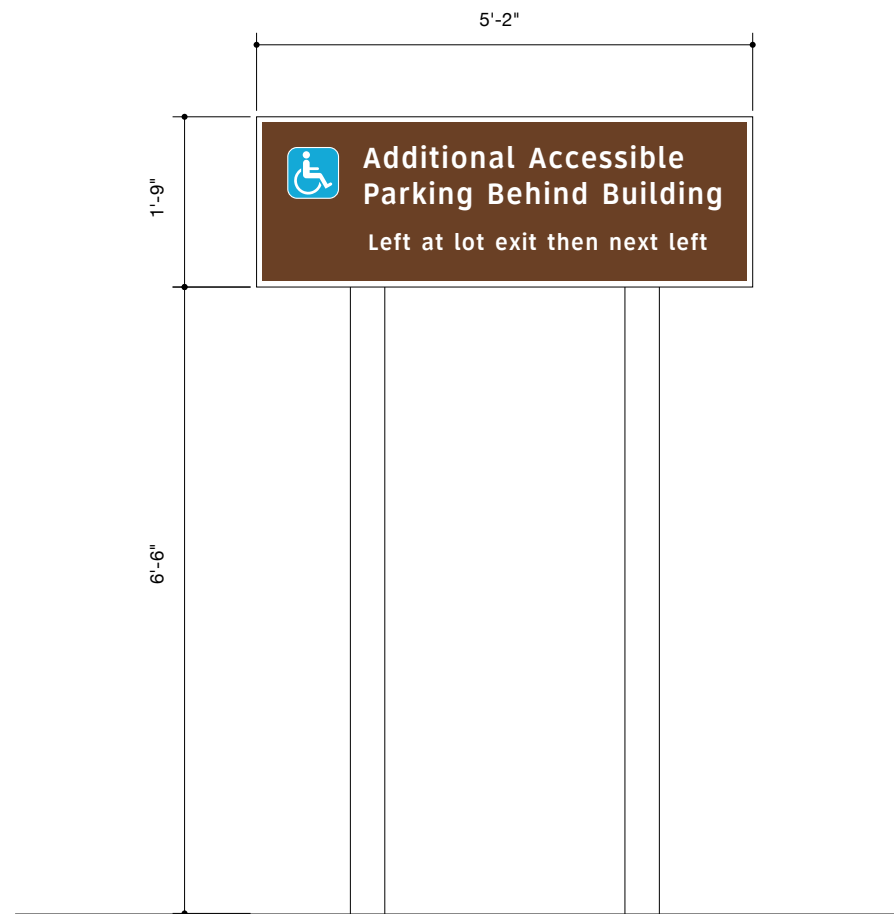
4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir,

Select Grade Dimensional Timber Post Or

Southern Yellow Pine

Adhesive Bond Aluminum Angle To Back Of Sign

Panel



01 Sign Type - Accessible Signage - AP-3.0 - Additional Accessible Parking
Elevation

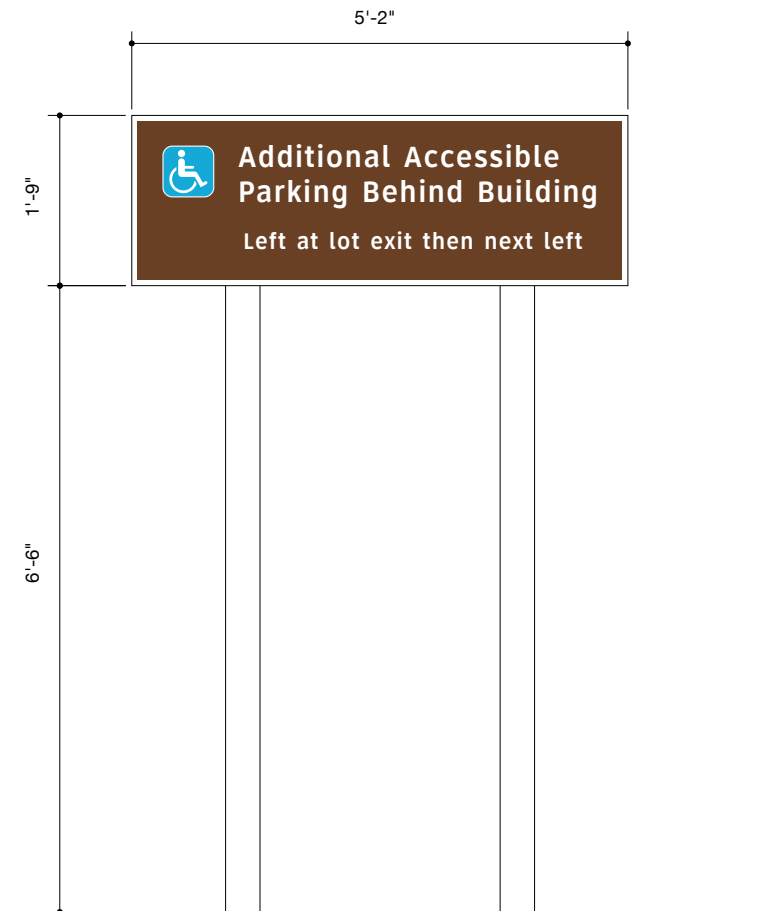
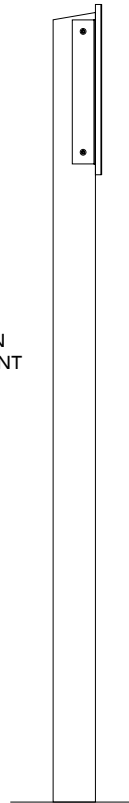
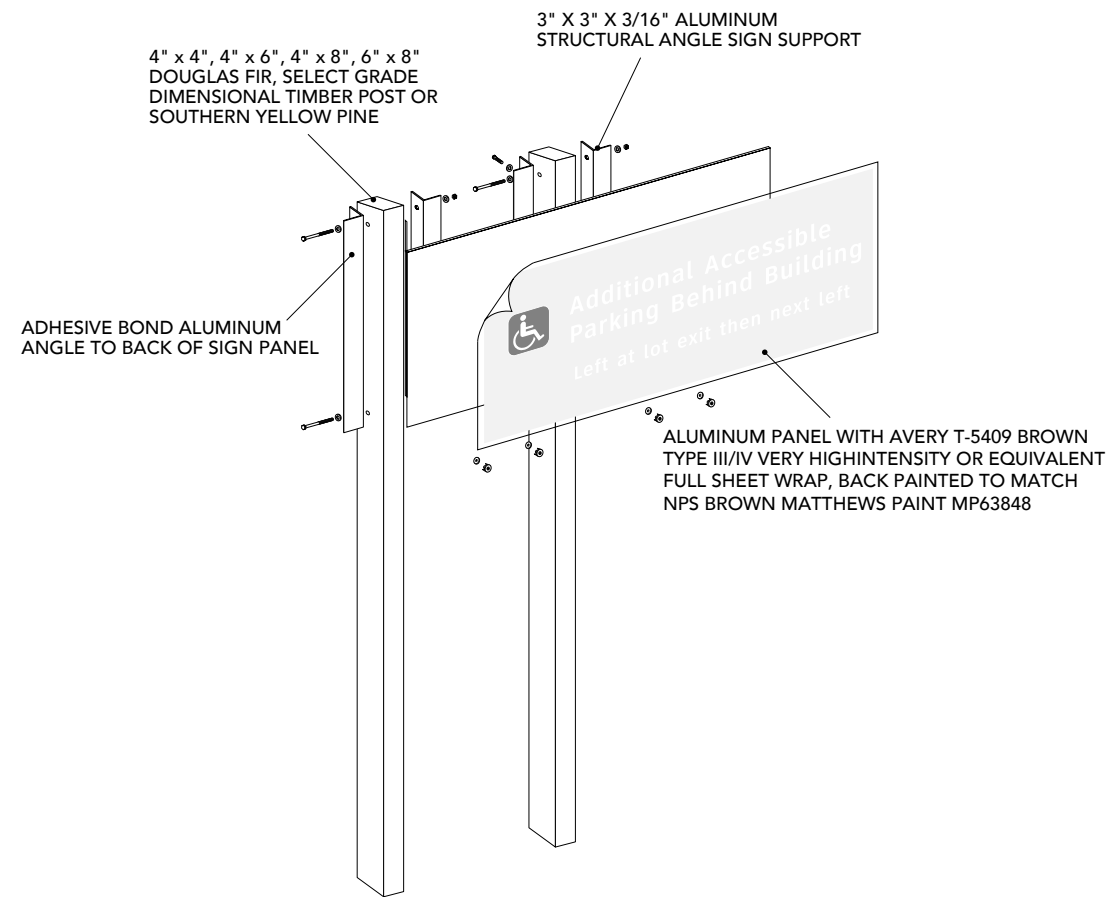


02 Sign Type - Accessible Signage - AP-3.0 - Additional Accessible Parking
Elevation

Scale: 1" = 1' 0"



DOUBLE POST

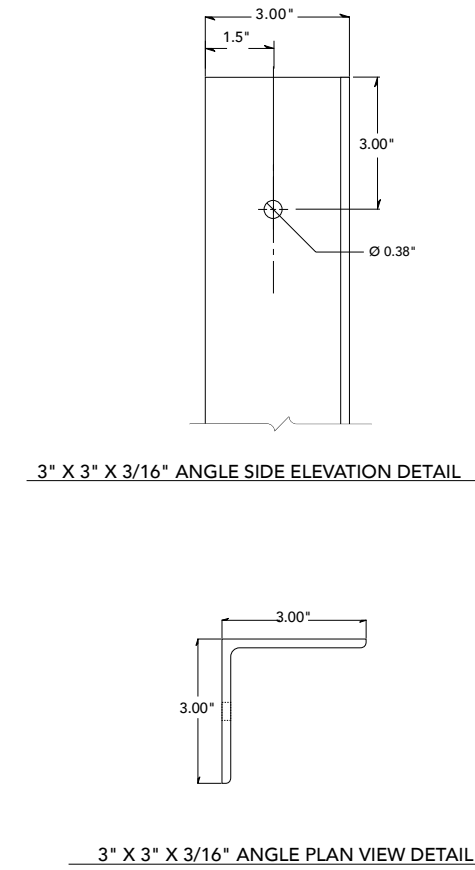
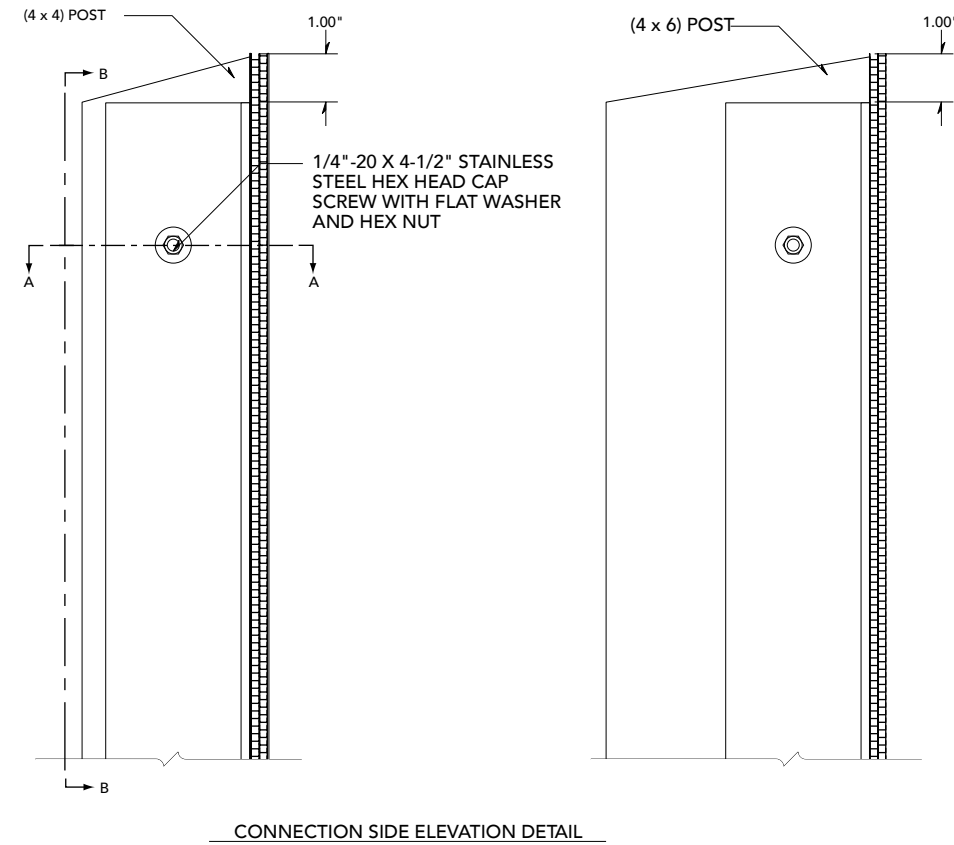
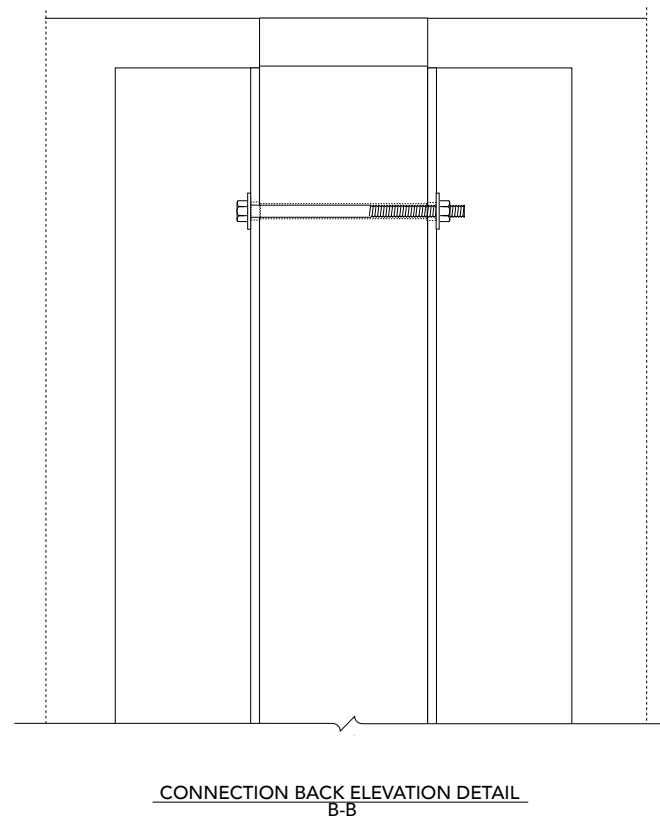
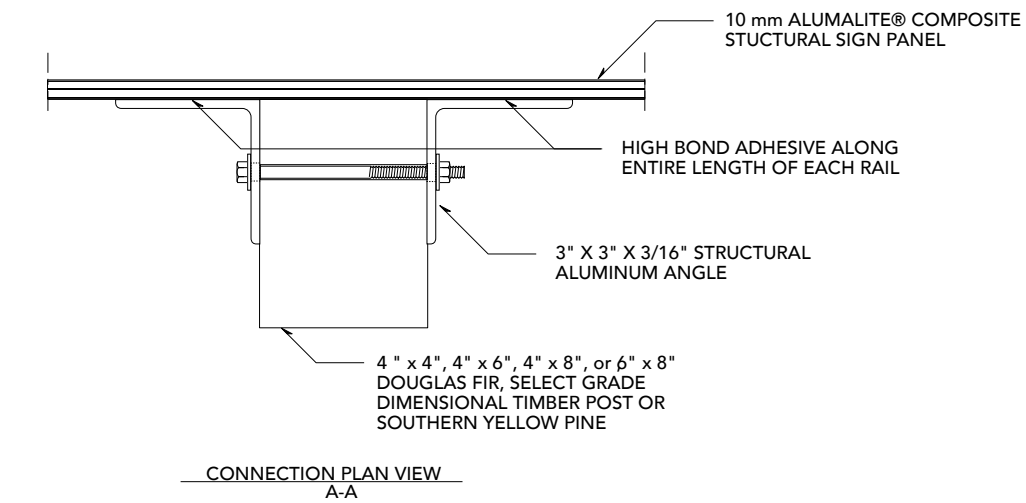


01 Sign Type - Accessible Signage - AP-3.0 - Additional Accessible Parking
Elevation / End View / Plan View

02 Sign Type - Accessible Signage - AP-3.0 - Additional Accessible Parking
Elevation

Scale: 1" = 1' 0"

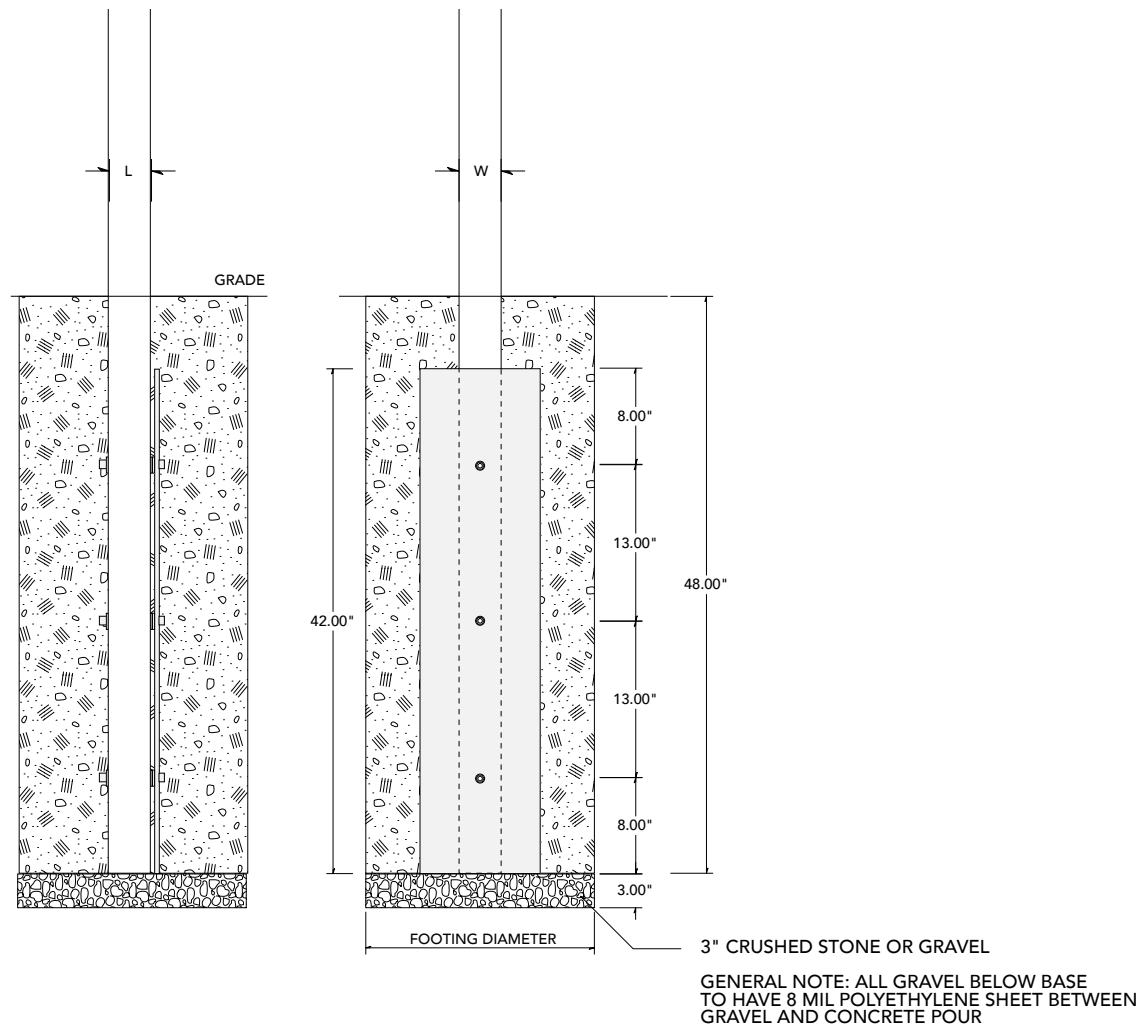




01 Sign Type - Accessible Signage - AP-3.0 - Additional Accessible Parking - Panel Connection and Angle Dimensions
Details

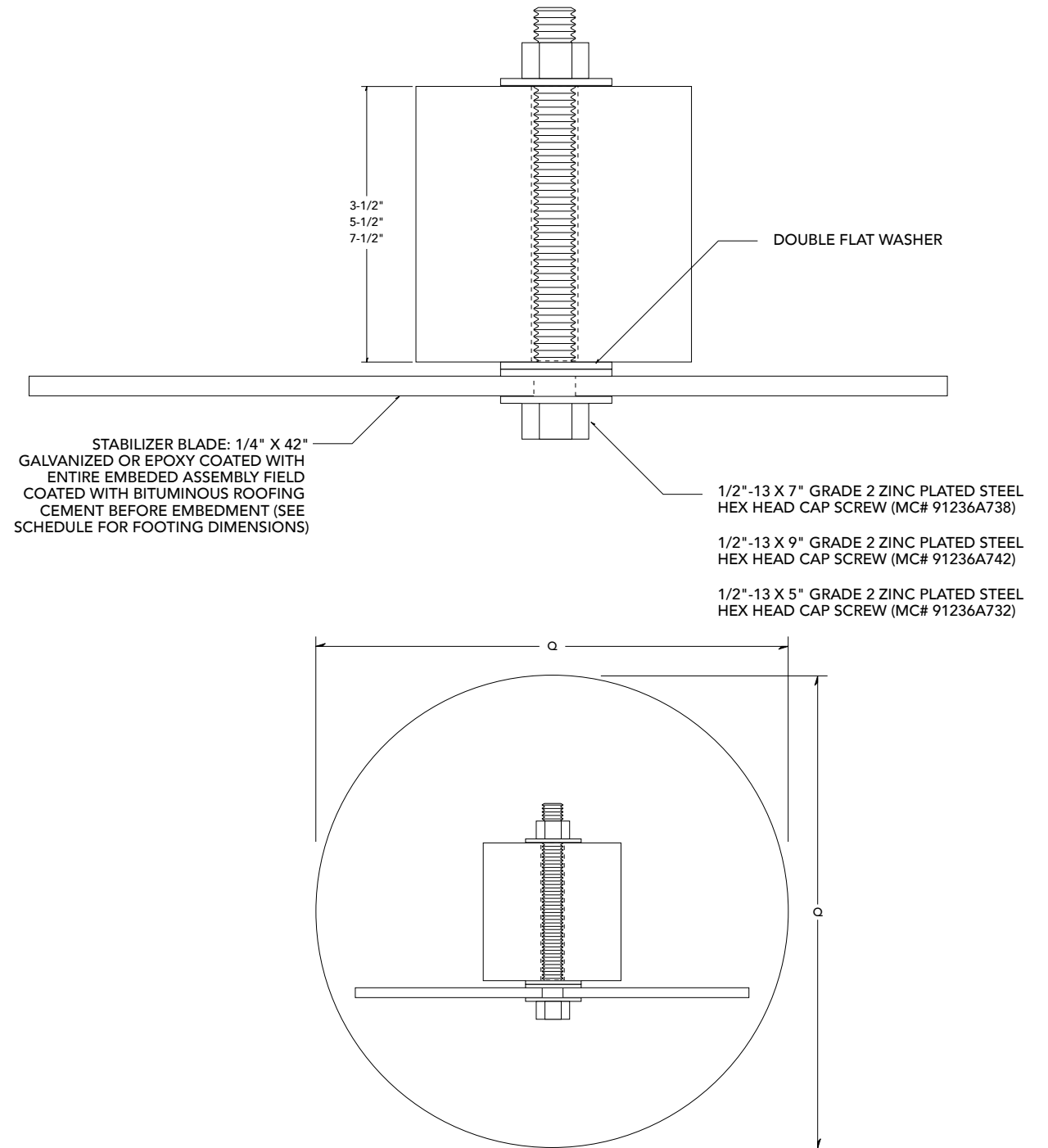
Scale: NTS





STABILIZER BLADE FOR TRAILBLAZER SIGNS

Post Size (W) x (L)	Width of Blade (W)	Screw Size Length	Footing Size Diameter (Q)
4" x 4"	10"	5"	12"
4" x 6"	12"	7"	14"
4" x 8"	14"	9"	16"
6" x 8"	18"	9"	20"



01 Sign Type - Accessible Signage - AP-3.0 - Additional Accessible Parking - Detail, Embedment and Stabilizer Blade Details

Scale: NTS

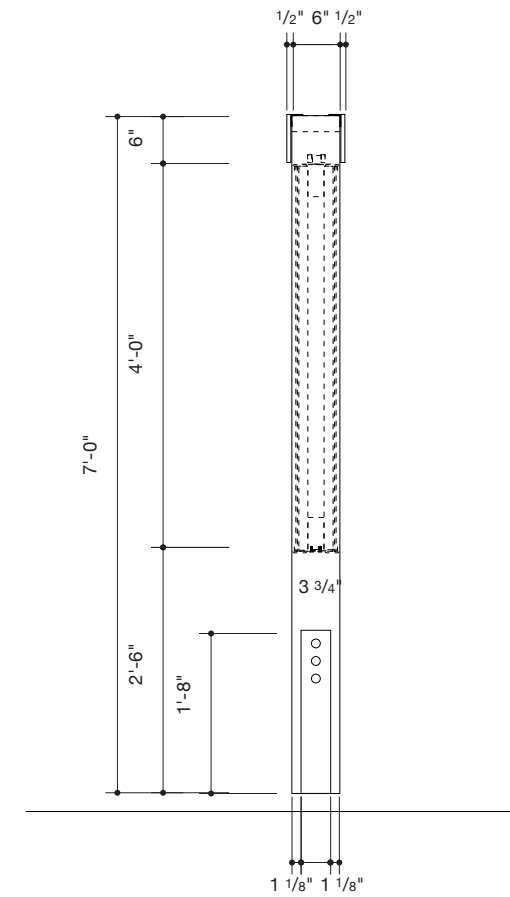
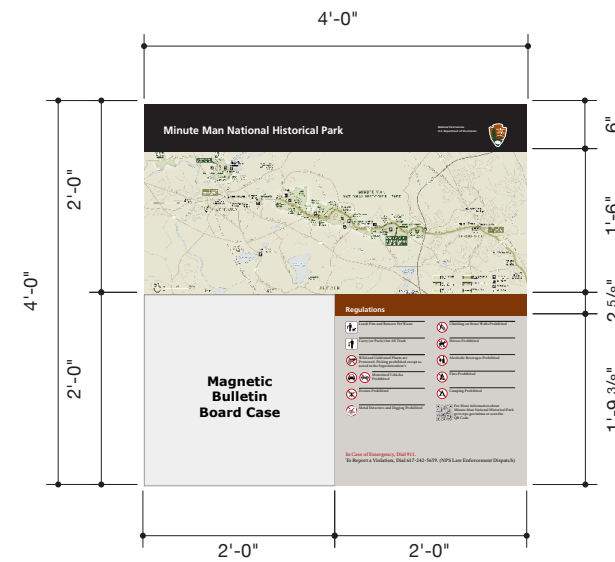
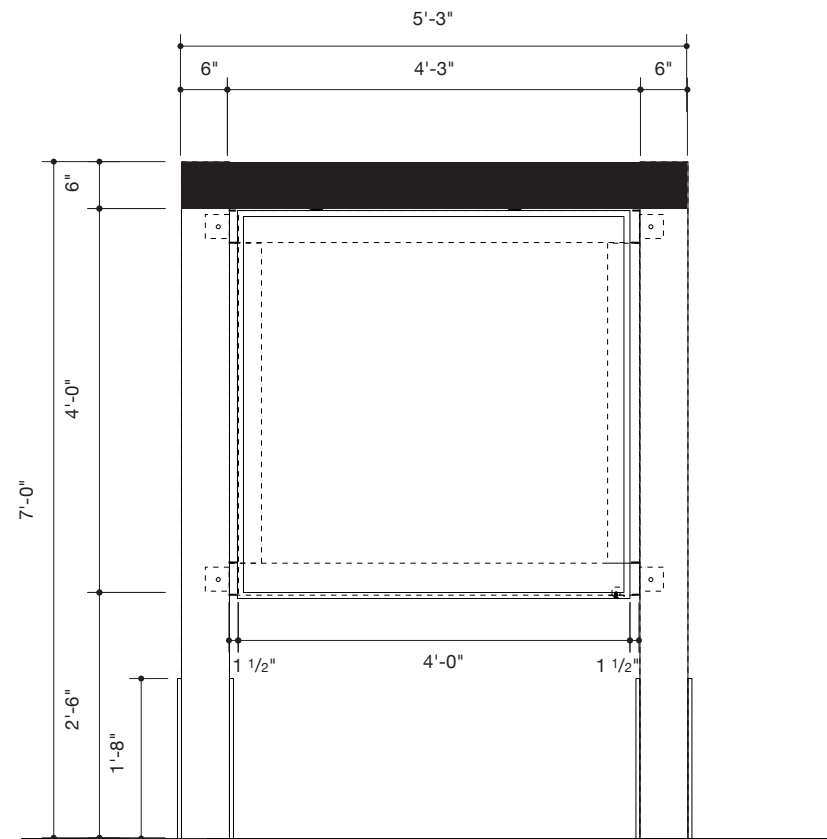


SIGN SPECIFICATIONS

INFO-M - Information Kiosk - Medium

Graphics Method:
 Insert Map - 0.5" High-Pressure Laminate (Hpl)
 Header Attach With Countersunk Galv. Or SS
 Vandal Resistant Hardware

Cabinet:
 Painted PMS 469
 Fabricate To Trail Information Kiosk Signage
 Specifications



01 Sign Type - Informational Signage INFO-M - Information Kiosk - Medium
 Elevation / Insert

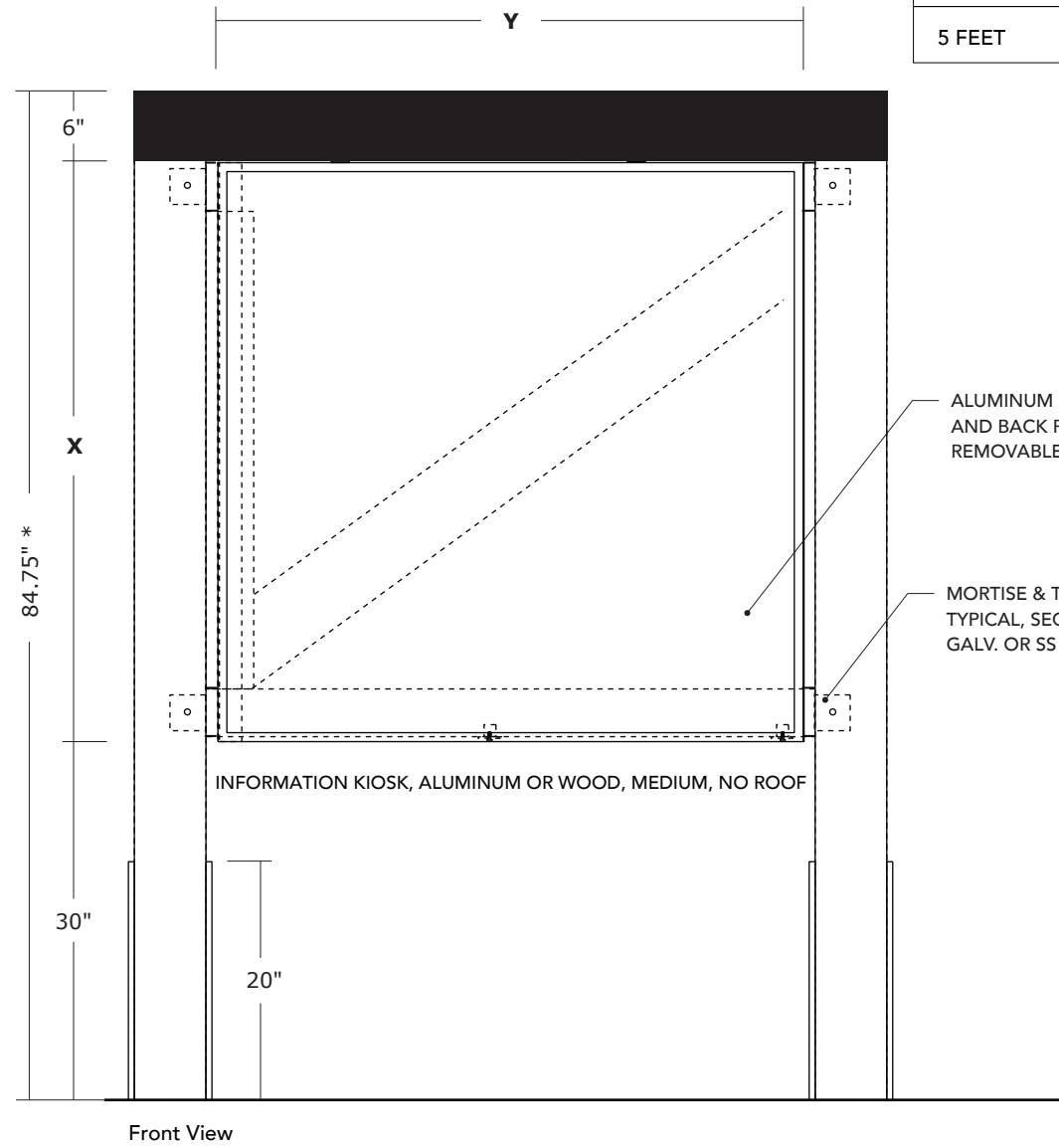
02 Sign Type - Informational Signage INFO-M - Information Kiosk - Medium
 End View

Scale: 1/2" = 1' 0"

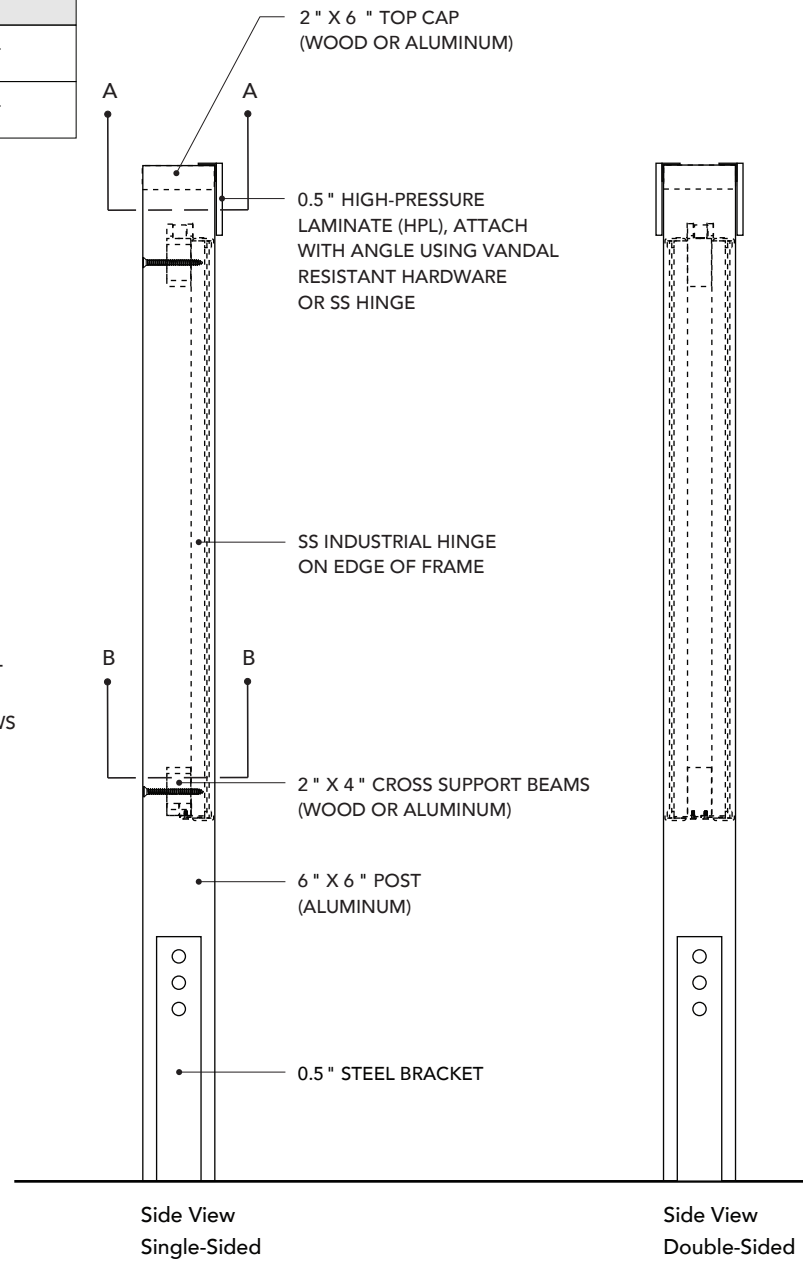


ST- Informational Signage INFO-M - Information Kiosk - Medium

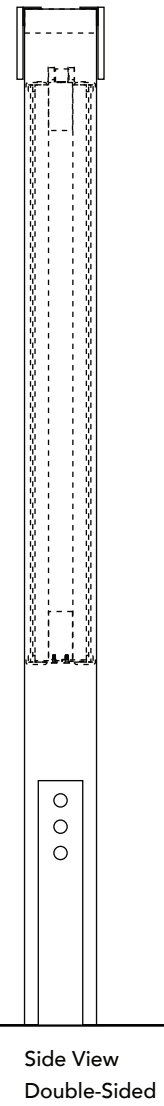
KIOSK DIMENSIONS	
X	Y
3 FEET	3 FEET
EXAMPLE SHOWN 4 FEET	4 FEET
4 FEET	6 FEET
5 FEET	5 FEET



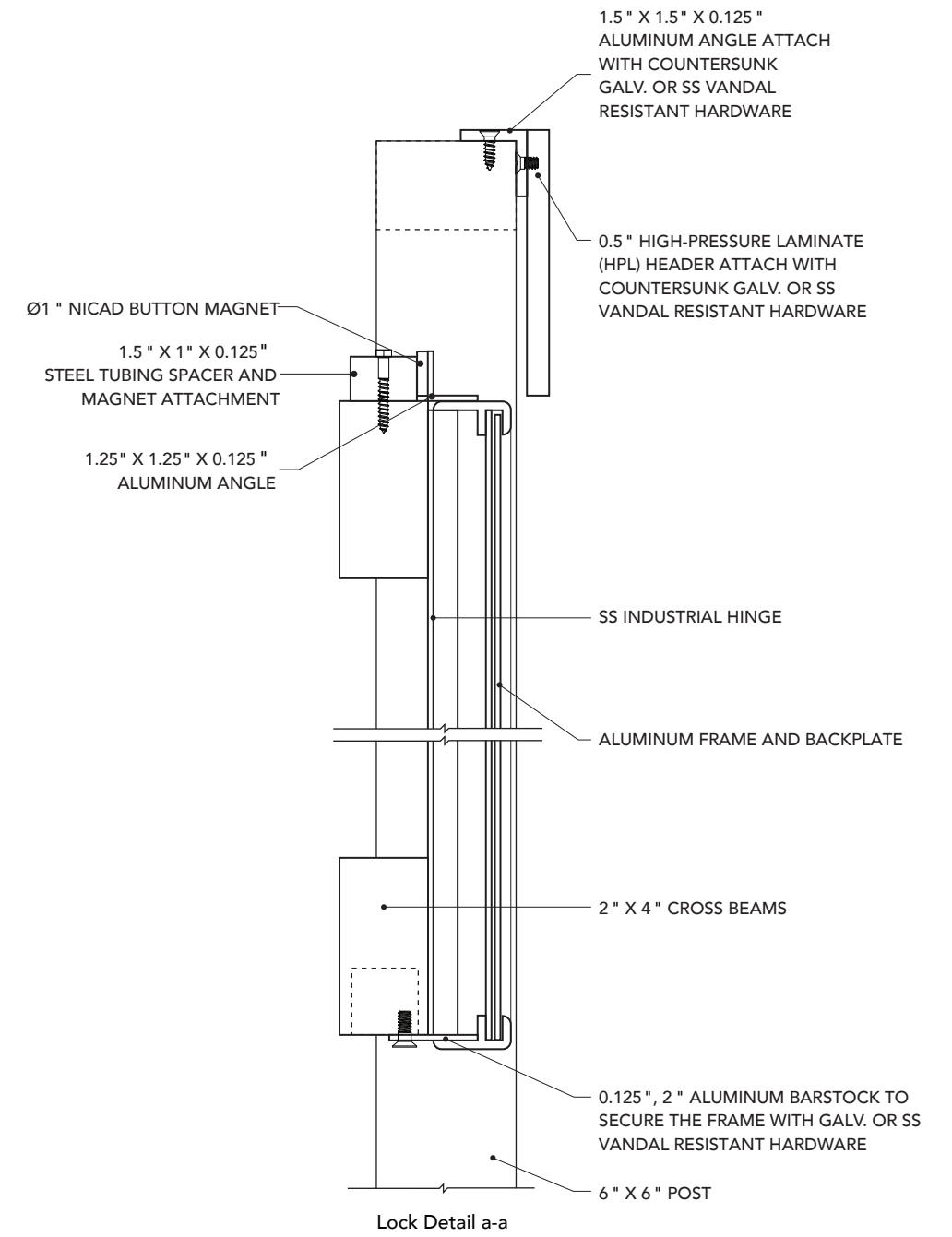
Front View



Side View
Single-Sided



Side View
Double-Sided



Lock Detail a-a

01 Sign Type - Informational Signage INFO-M - Information Kiosk - Medium
Elevation

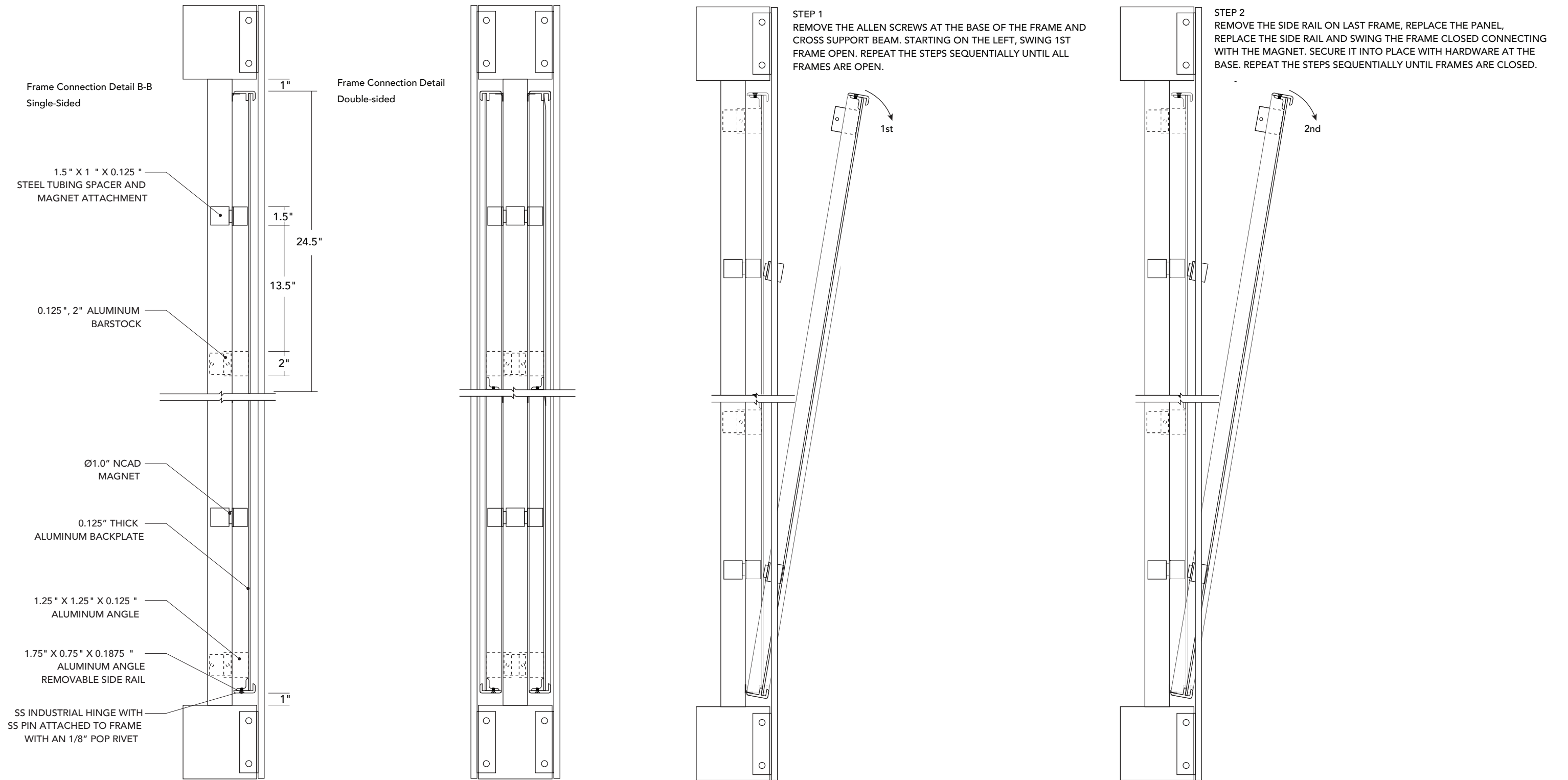
02 Sign Type - Informational Signage INFO-M - Information Kiosk - Medium
End View / Section

03 Sign Type - Informational Signage INFO-M - Information Kiosk - Medium
Section / Lock Details

Scale: NTS



ST- Informational Signage INFO-M - Information Kiosk - Medium



01 Sign Type - Informational Signage INFO-M - Information Kiosk - Medium
Section / Frame Connection Detail

02 Sign Type - Informational Signage INFO-M - Information Kiosk - Medium
Section / Removable Face Detail

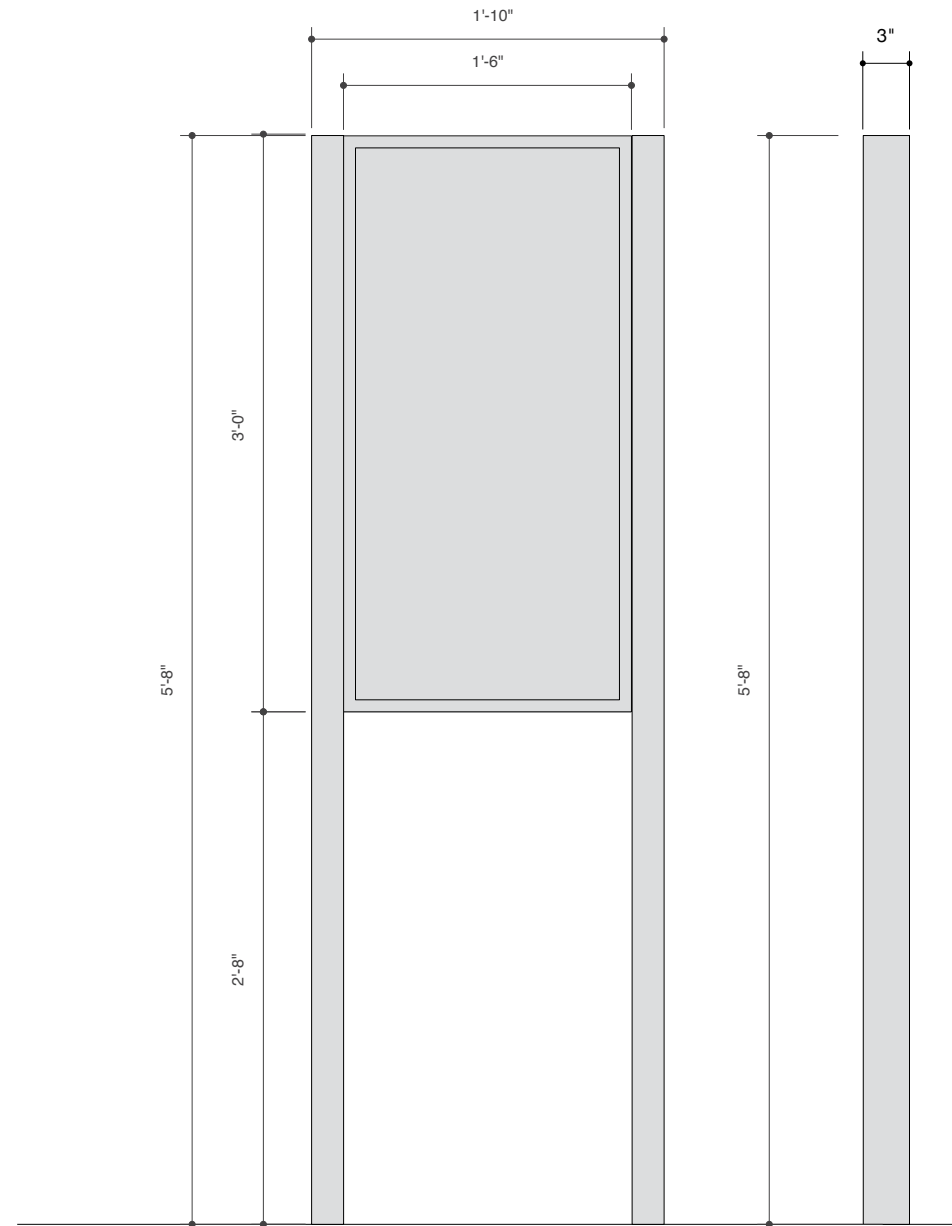
Scale: NTS

SIGN SPECIFICATIONS

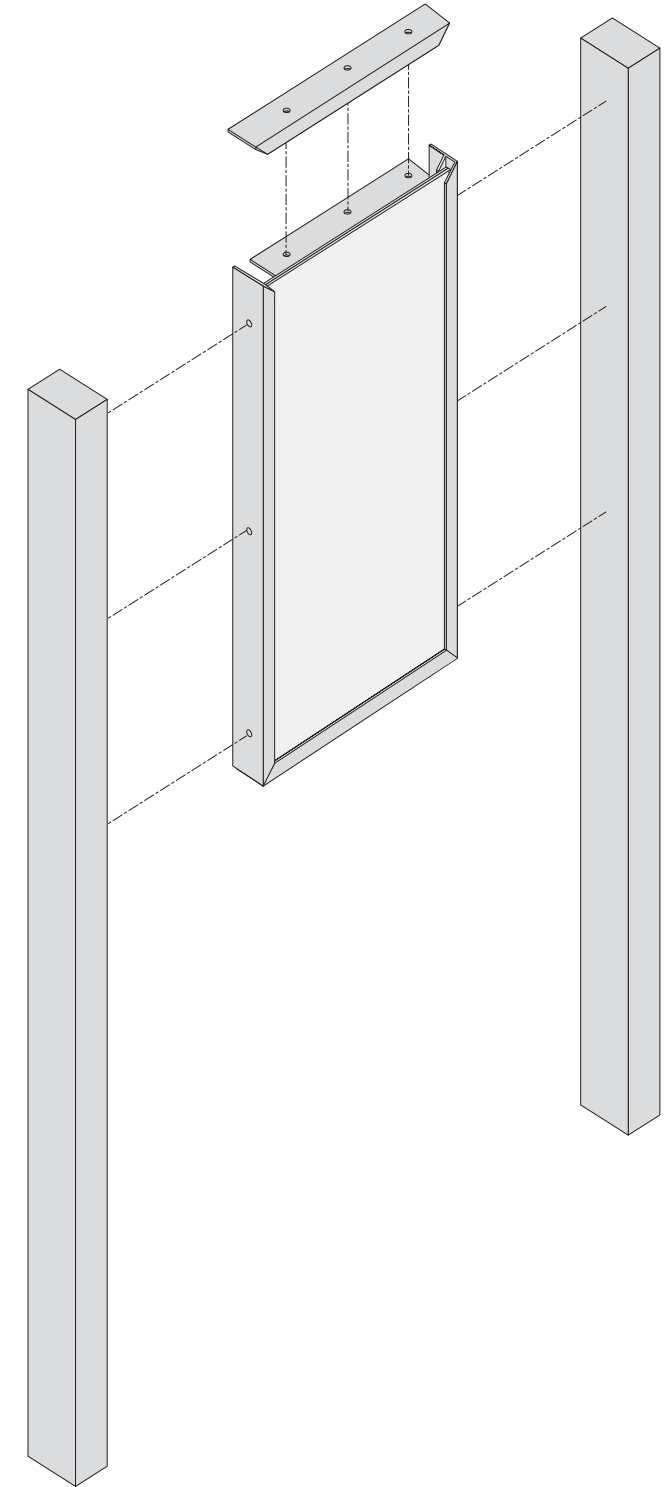
Sign Type - TH-L - Trailhead - Large - UP18x36
(Typical for: Battle Road Trail)

Graphics Method:
Insert Map - 0.5" High-Pressure Laminate (Hpl)
Header Attach With Countersunk Galv. Or SS
Vandal Resistant Hardware

Cabinet:
Painted PMS 469
Fabricate To Trail Trailhead Signage Specifications



01 Sign Type - TH-L - Trailhead - Large - UP18x36 (Typical for: Battle Road Trail)
Elevation / End View



02 Sign Type - TH-L - Trailhead - Large - UP18x36 (Typical for: Battle Road Trail)
Elevation

Scale: 1" = 1' 0"

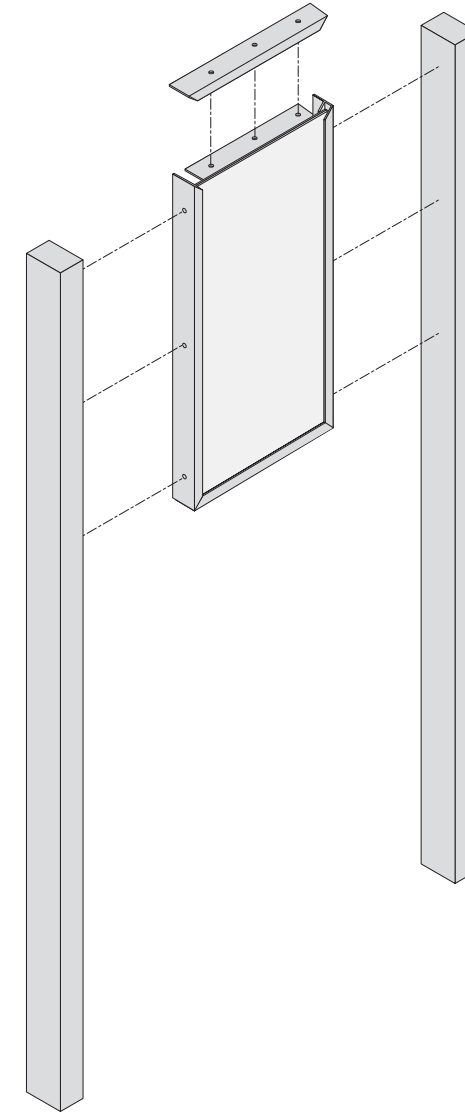
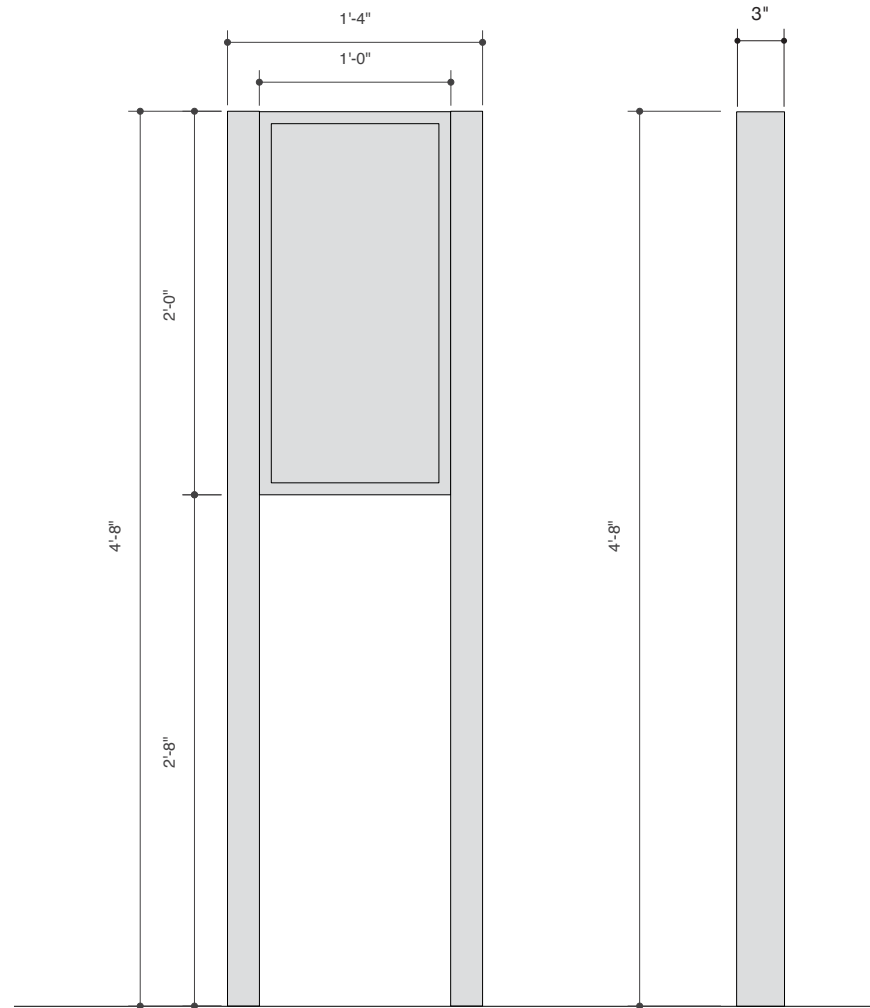


SIGN SPECIFICATIONS

Sign Type - TH-S - Trailhead - Small - UP12x24
 (Typical for: Vernal Pool Trail, Parker's Revenge Path, etc.)

Graphics Method:
 Insert Map - 0.5" High-Pressure Laminate (Hpl)
 Header Attach With Countersunk Galv. Or SS
 Vandal Resistant Hardware

Cabinet:
 Painted PMS 469
 Fabricate To Trail Trailhead Signage Specifications



01 Sign Type - TH-S - Trailhead - Small - UP12x24 (Typical for: Vernal Pool Trail, Parker's Revenge Path, etc.)
 Elevation / End View

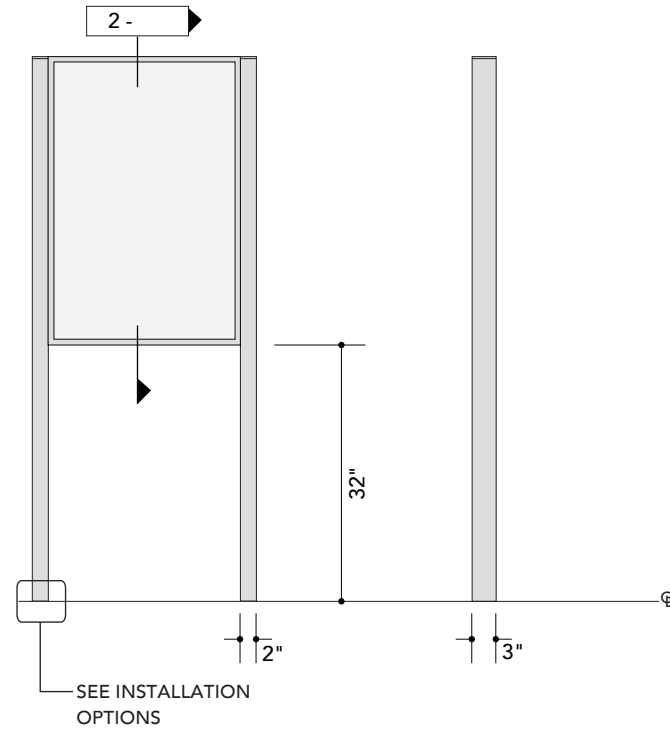
02 Sign Type - TH-S - Trailhead - Small - UP12x24 (Typical for: Vernal Pool Trail, Parker's Revenge Path, etc.)
 Elevation

Scale: 1" = 1' 0"

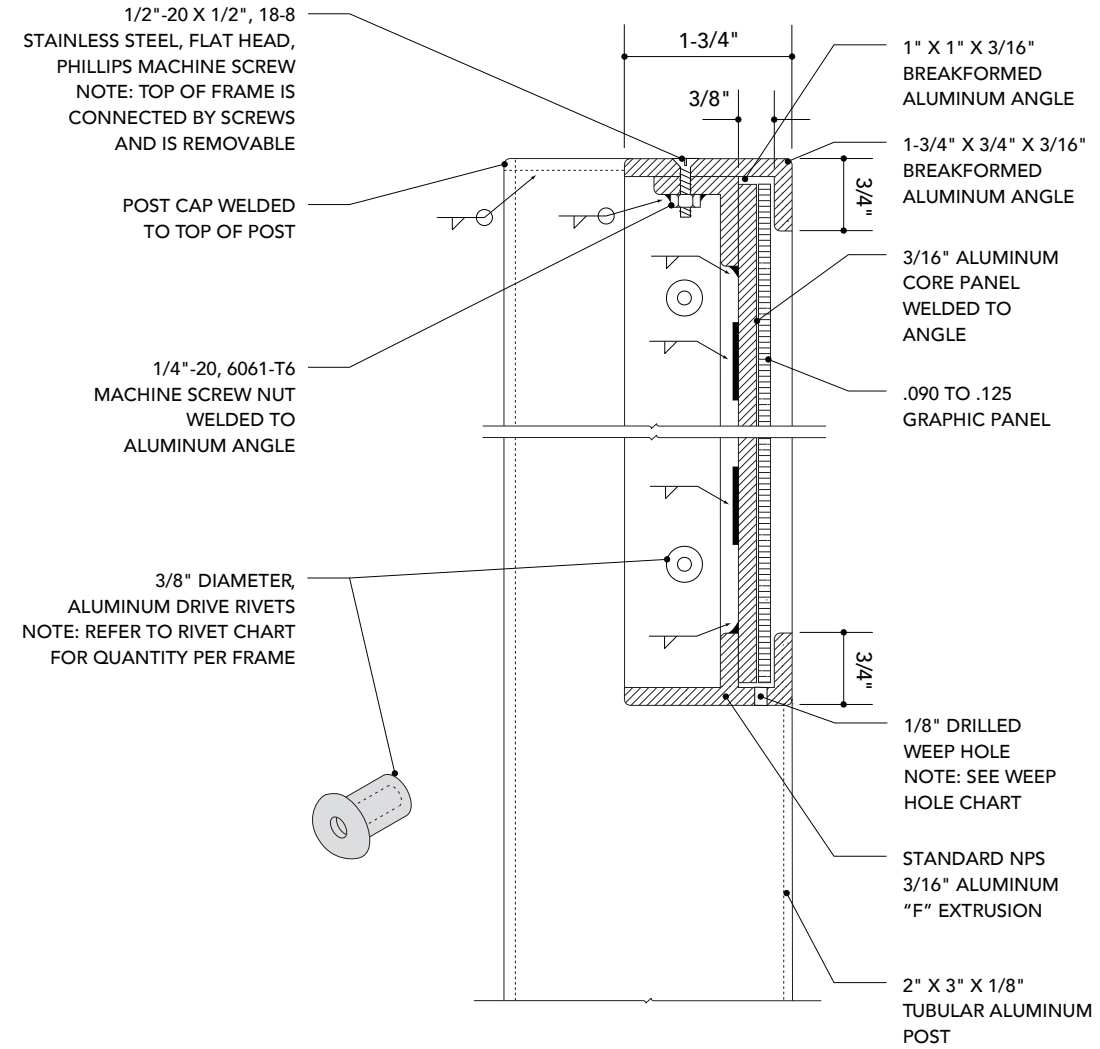


Upright Series (UP): 2" x 3" Post

Single-sided Aluminum Fabrication



GENERAL NOTE:
ALL BREAKFORMED STEEL
AND ALUMINUM FRAME
EDGES SHALL BE EASED TO
PREVENT SHARP EDGES AND
ALLOW PAINT ADHERENCE.



01 Upright Series (UP): 2" x 3" Post
Upright Elevation

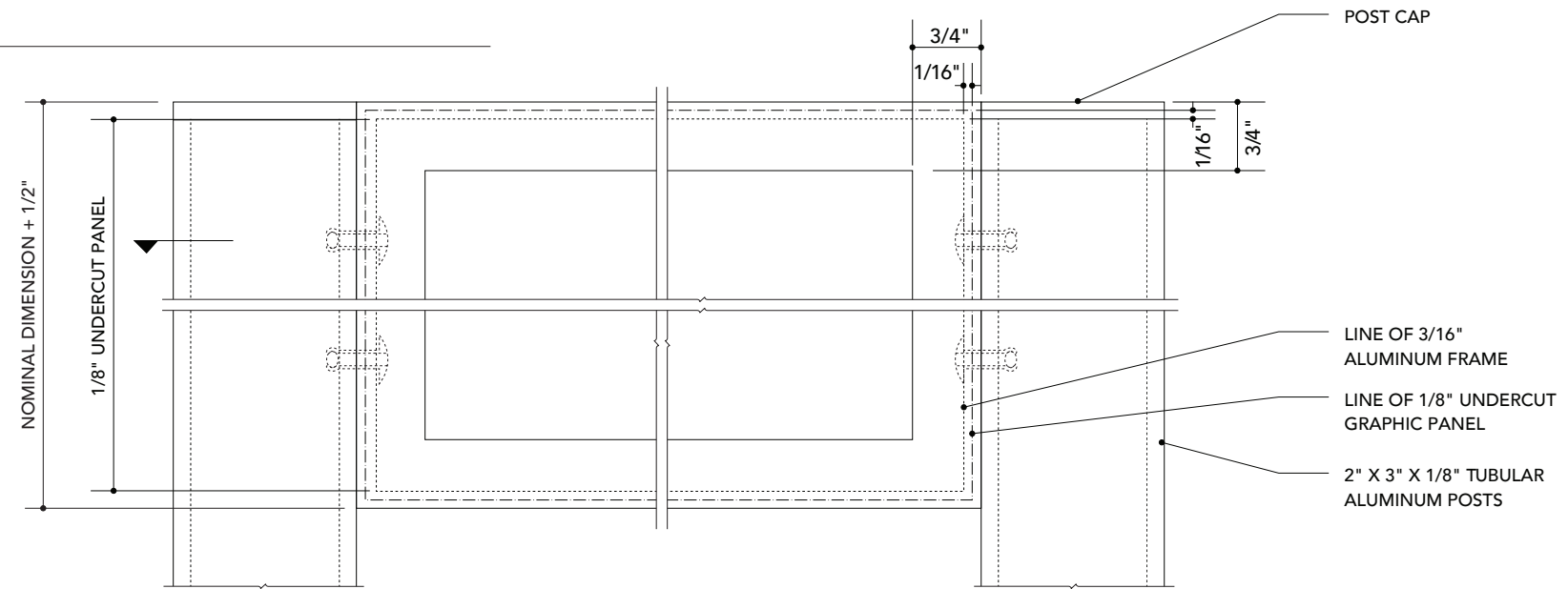
02 Upright Series (UP): 2" x 3" Post
Side Section Cut

Scale: NTS

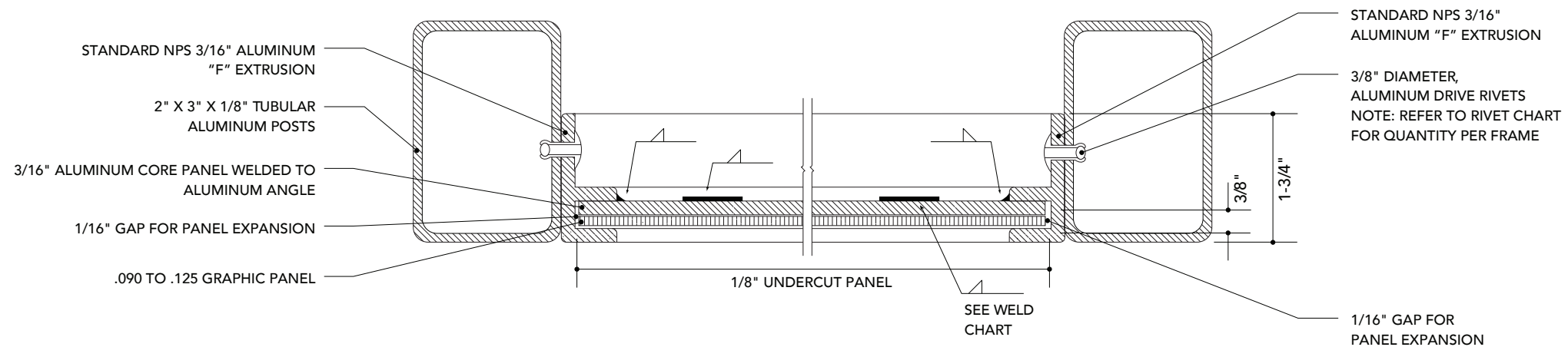


Upright Series (UP): 2" x 3" Post

Single-sided Aluminum Fabrication



01 Frame Front Elevation Section



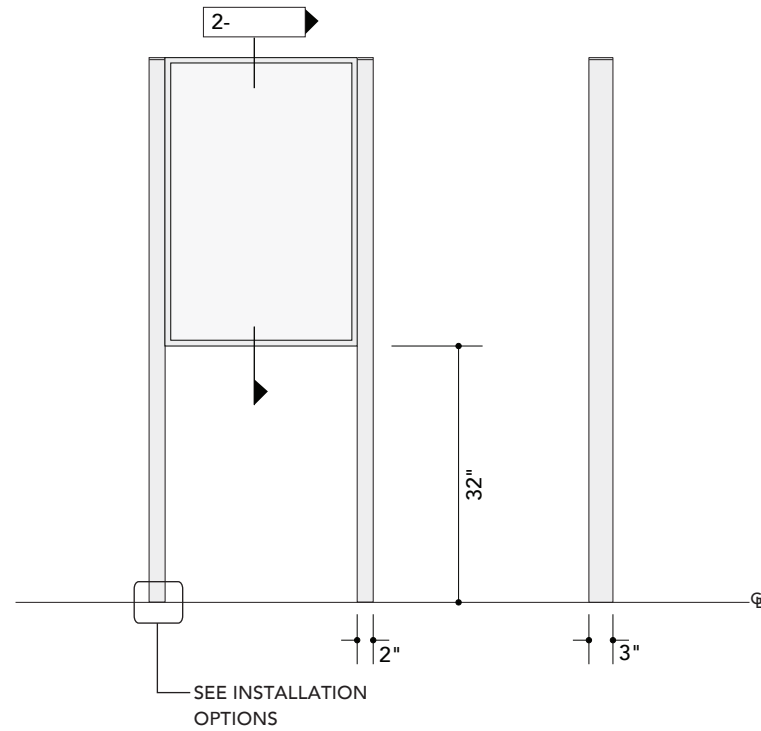
02 Frame Top Section

Scale: NTS

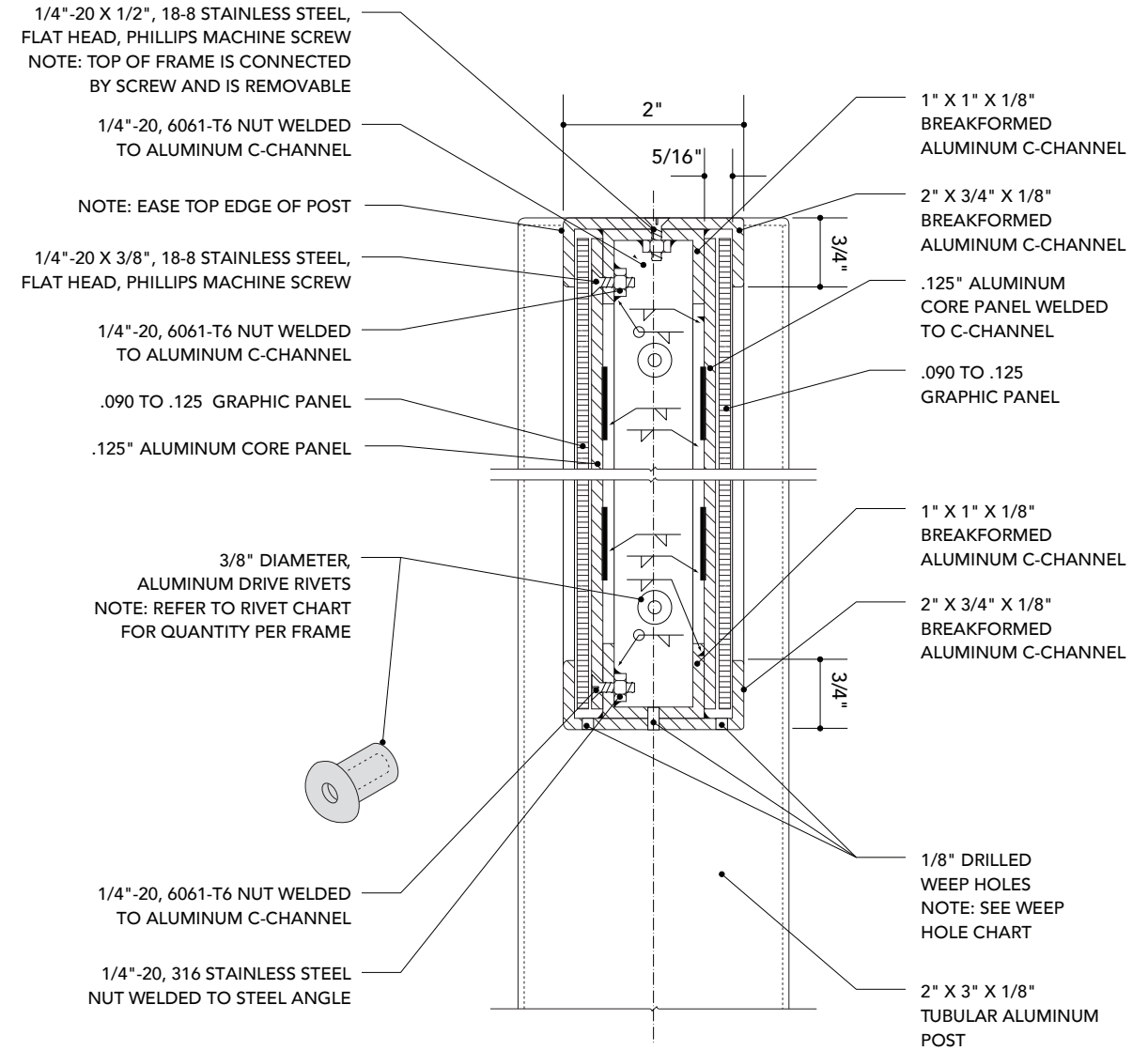


Upright Series (UP): 2" x 3" Post

Double-sided Aluminum Fabrication



GENERAL NOTE:
ALL BREAKFORMED STEEL
AND ALUMINUM FRAME
EDGES SHALL BE EASED TO
PREVENT SHARP EDGES AND
ALLOW PAINT ADHERENCE.



01 Upright Series (UP): 2" x 3" Post
Upright Elevation

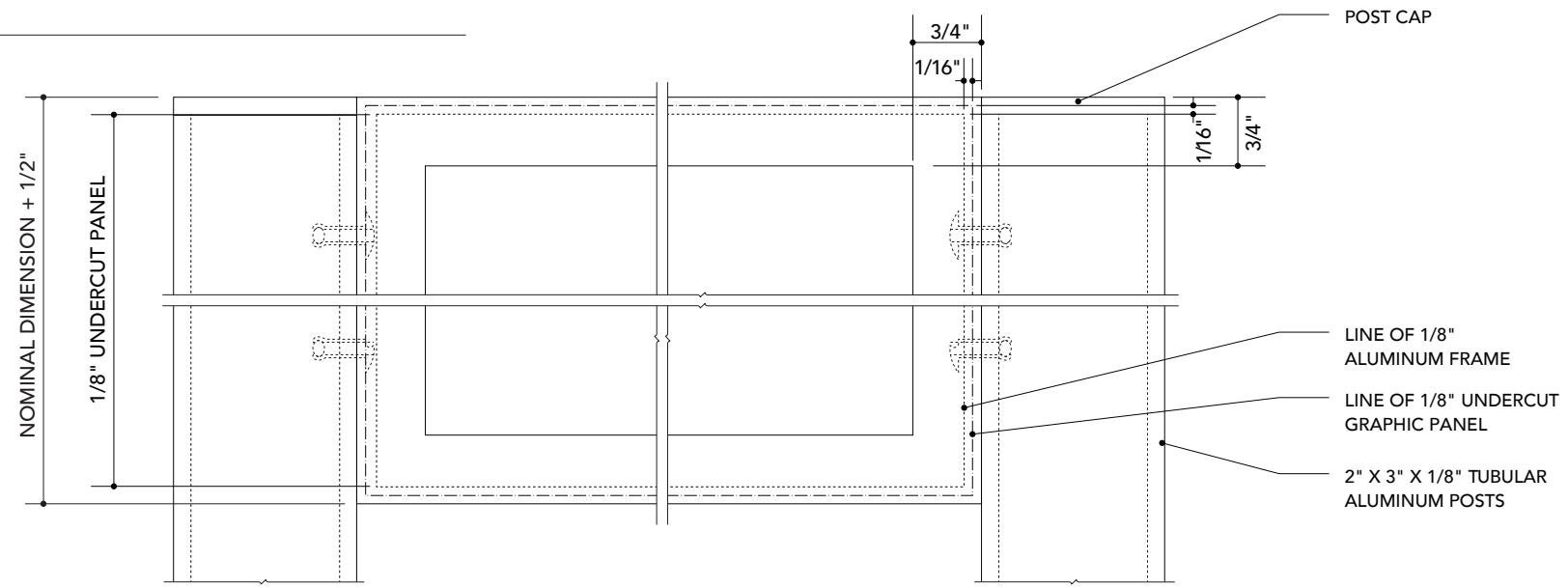
02 Upright Series (UP): 2" x 3" Post
Side Section Cut

Scale: NTS

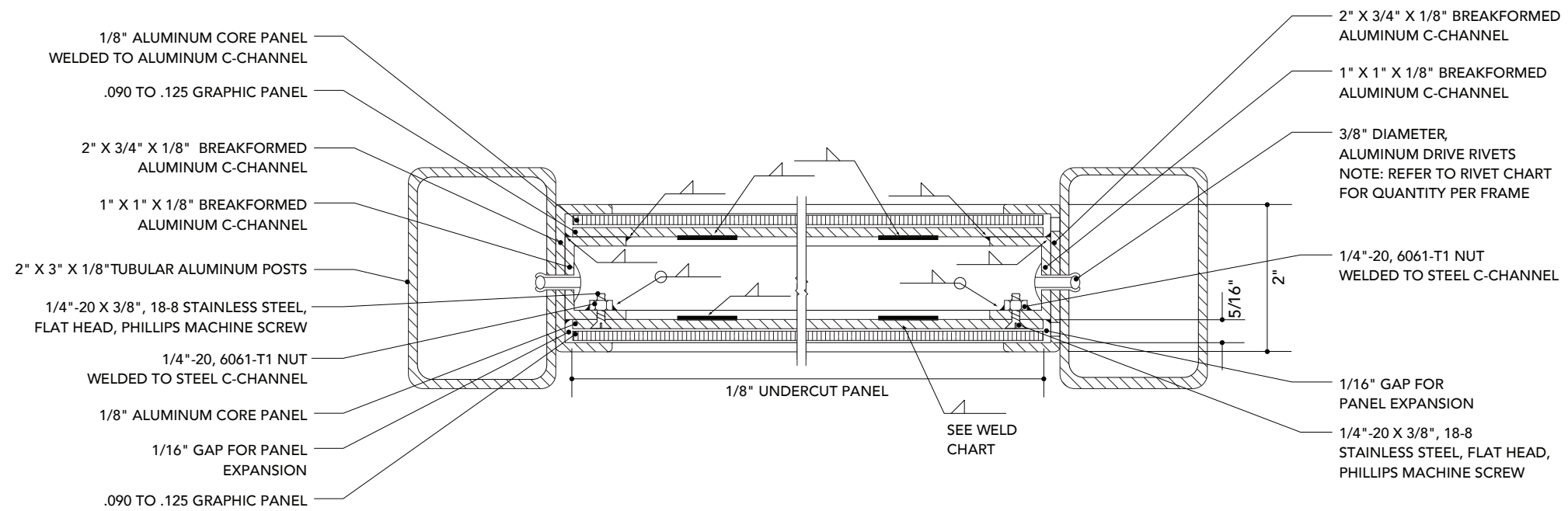


Upright Series (UP): 2" x 3" Post

Double-sided Aluminum Fabrication



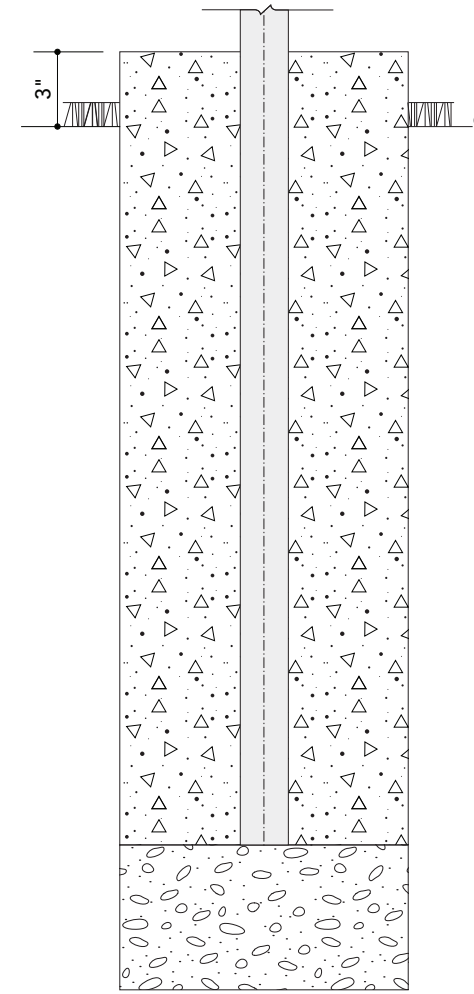
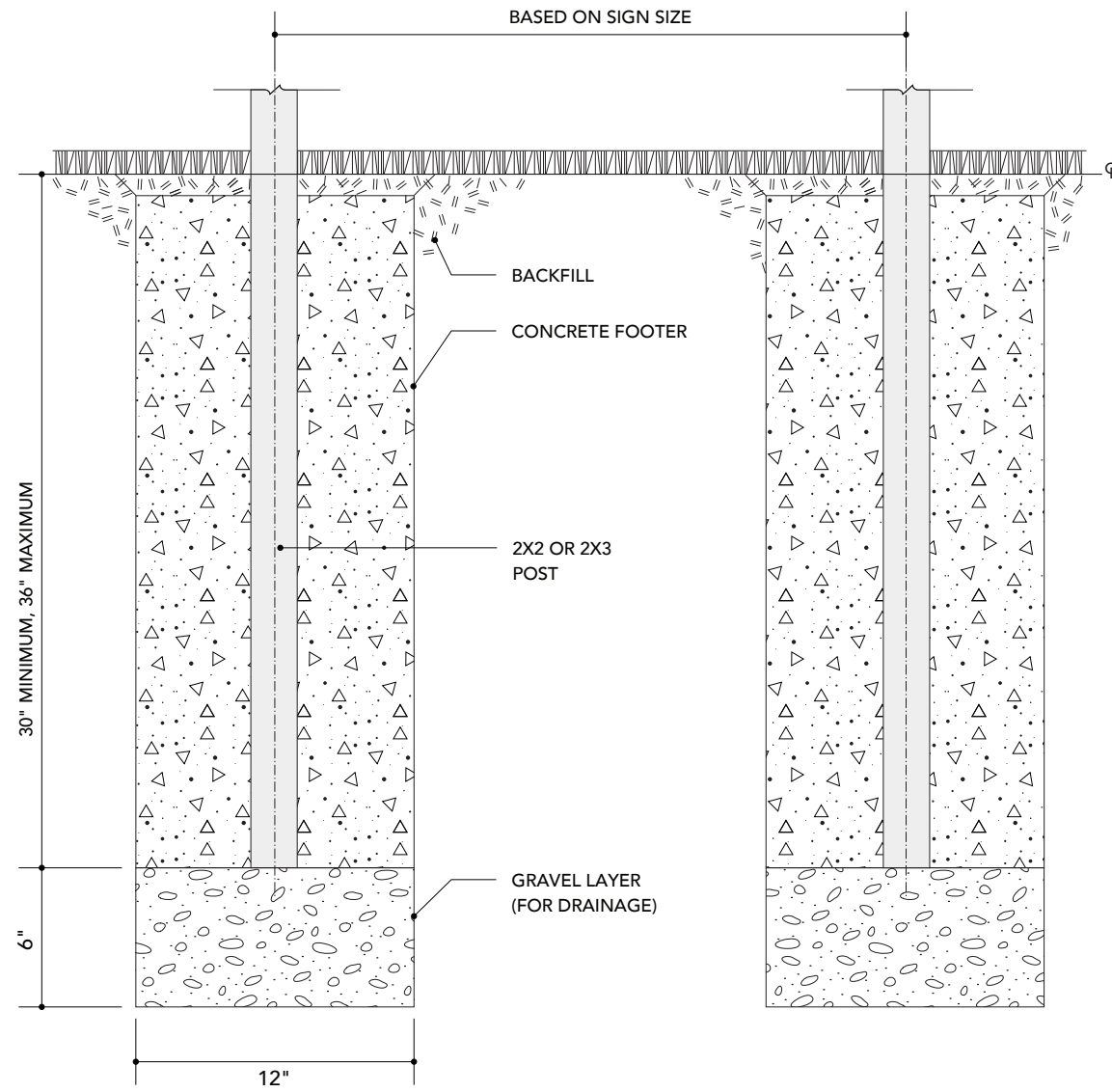
01 Frame Front Elevation Section



02 Frame Top Section Section

Scale: NTS



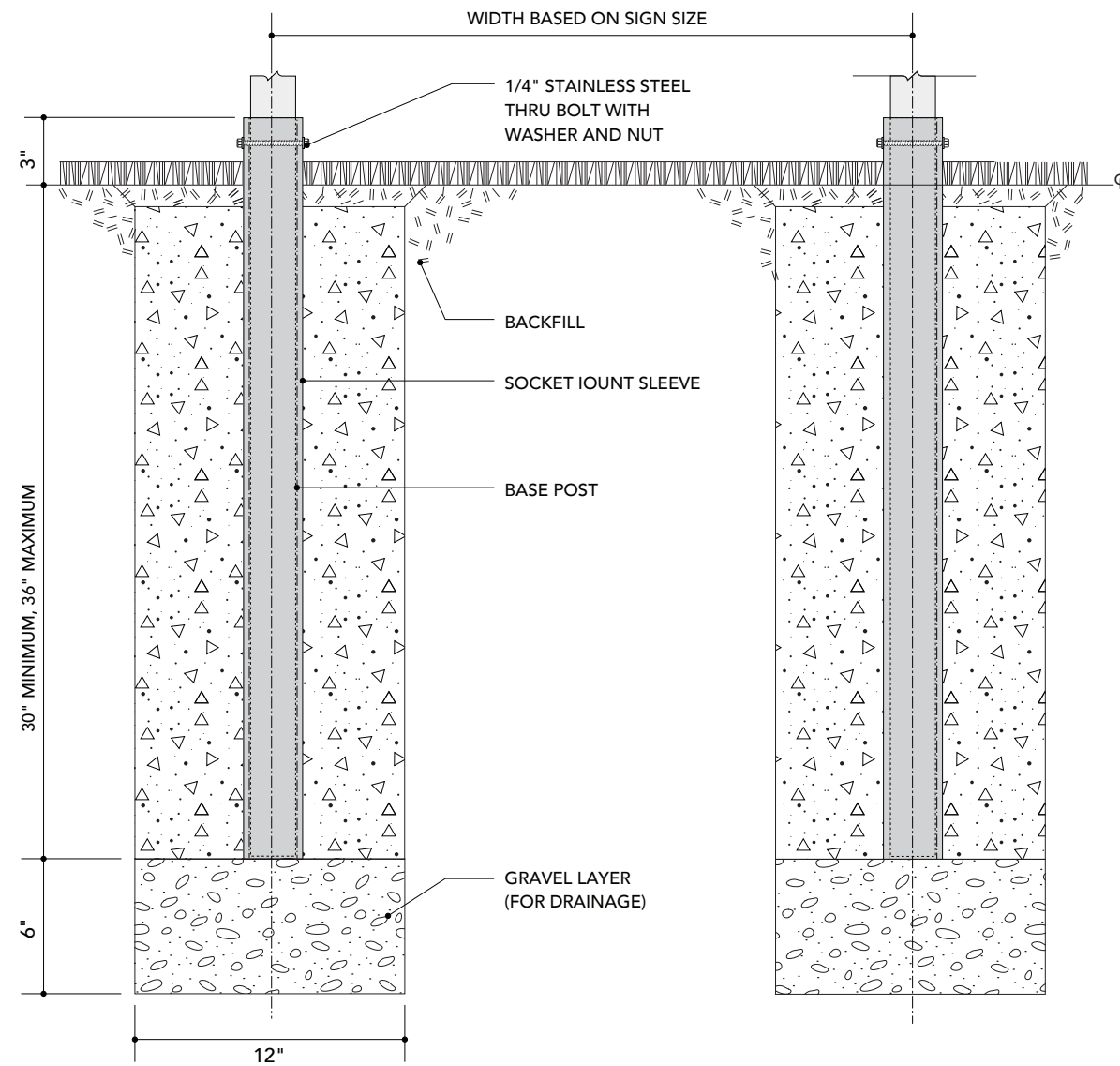


01 Direct Embedment Section

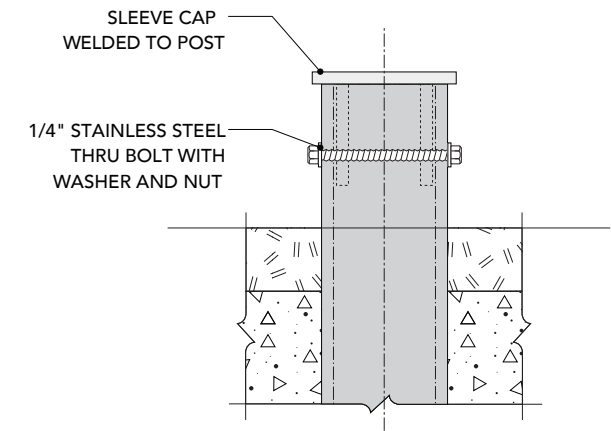
02 Direct Embedment with Mow Ring Section

Scale: NTS

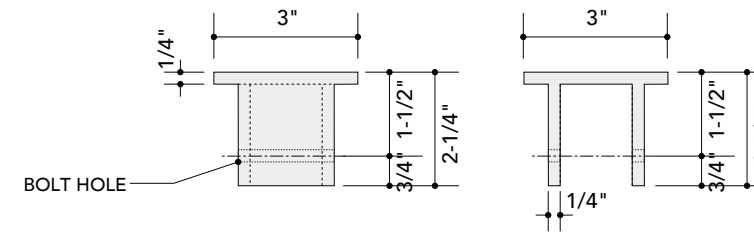




01 Direct Embedment with Socket Mount Section



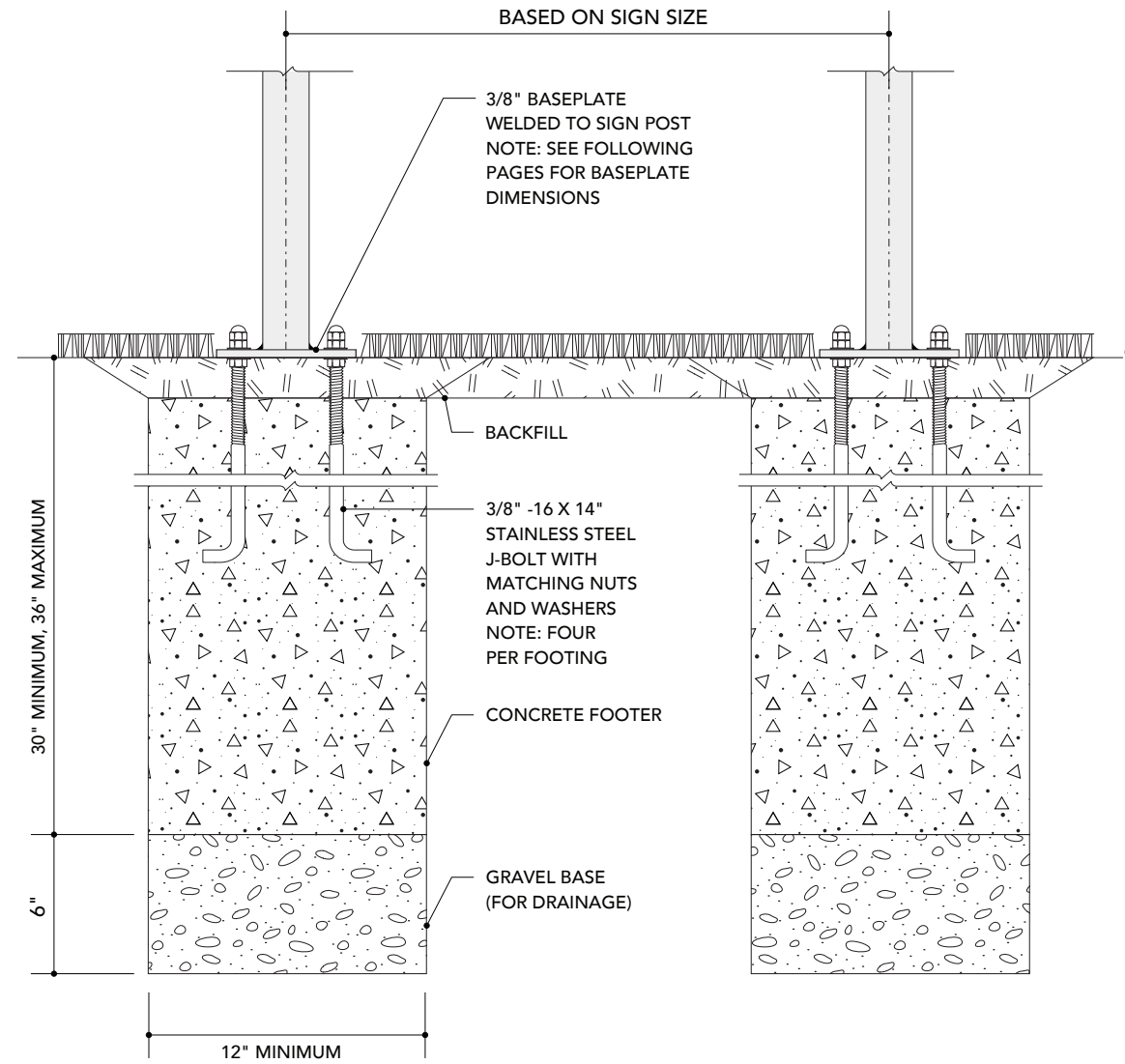
02 Socket Cap Detail Section



03 Socket Cap Front and Side Elevations

Scale: NTS

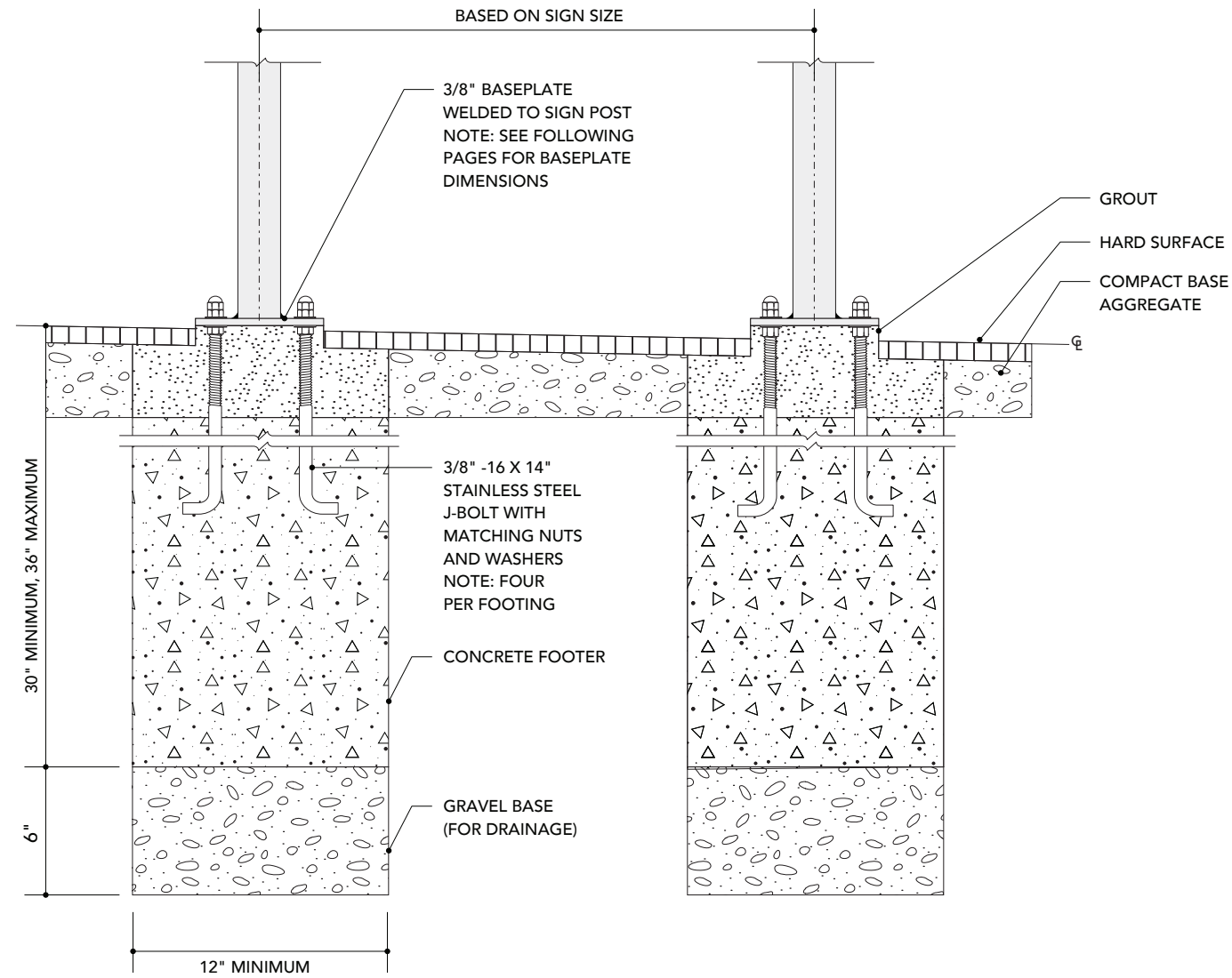




01 Baseplate Mount: Landscape, Elevation
Section

Scale: NTS

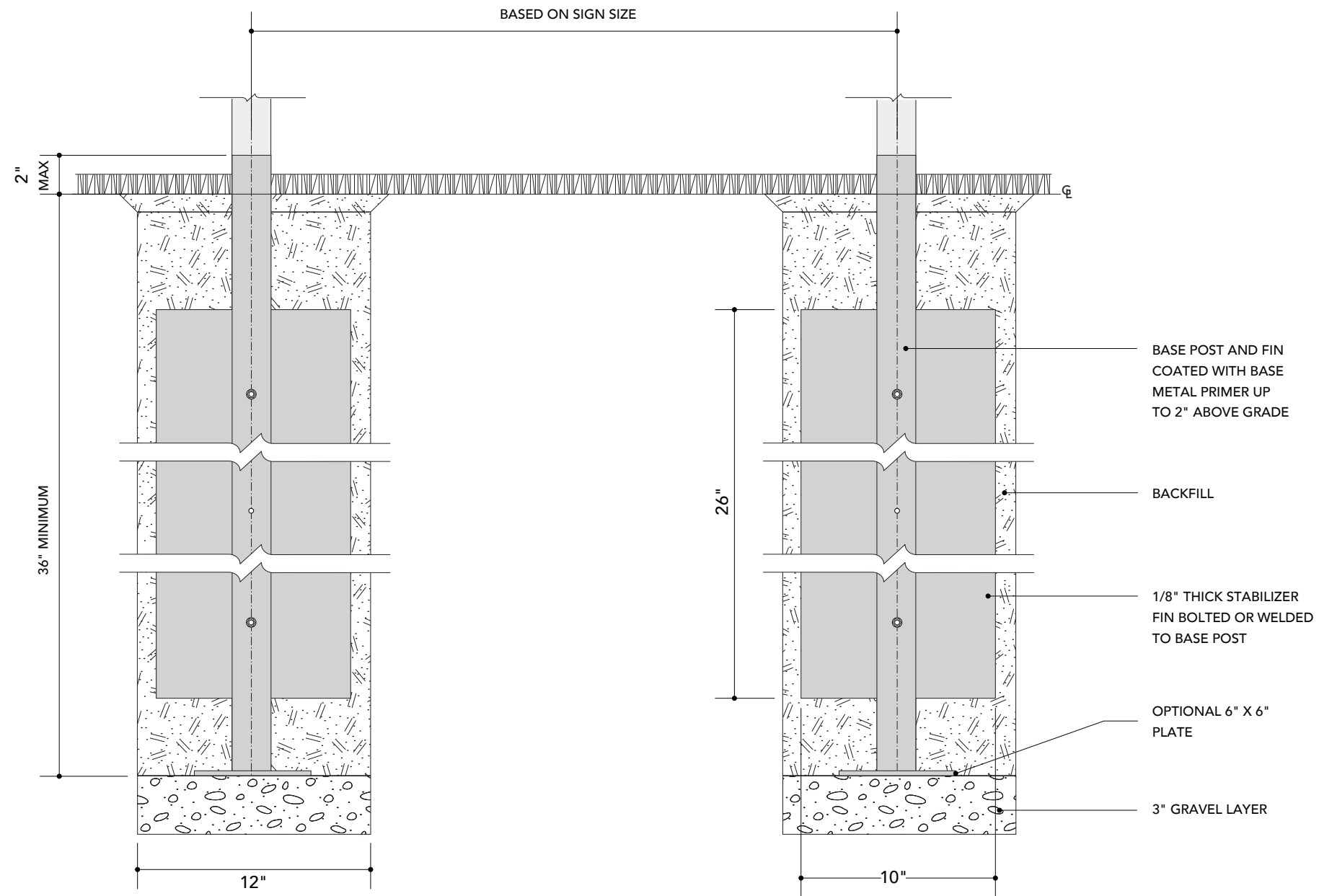




01 Baseplate Mount: Hard Surface, Elevation
Section

Scale: NTS

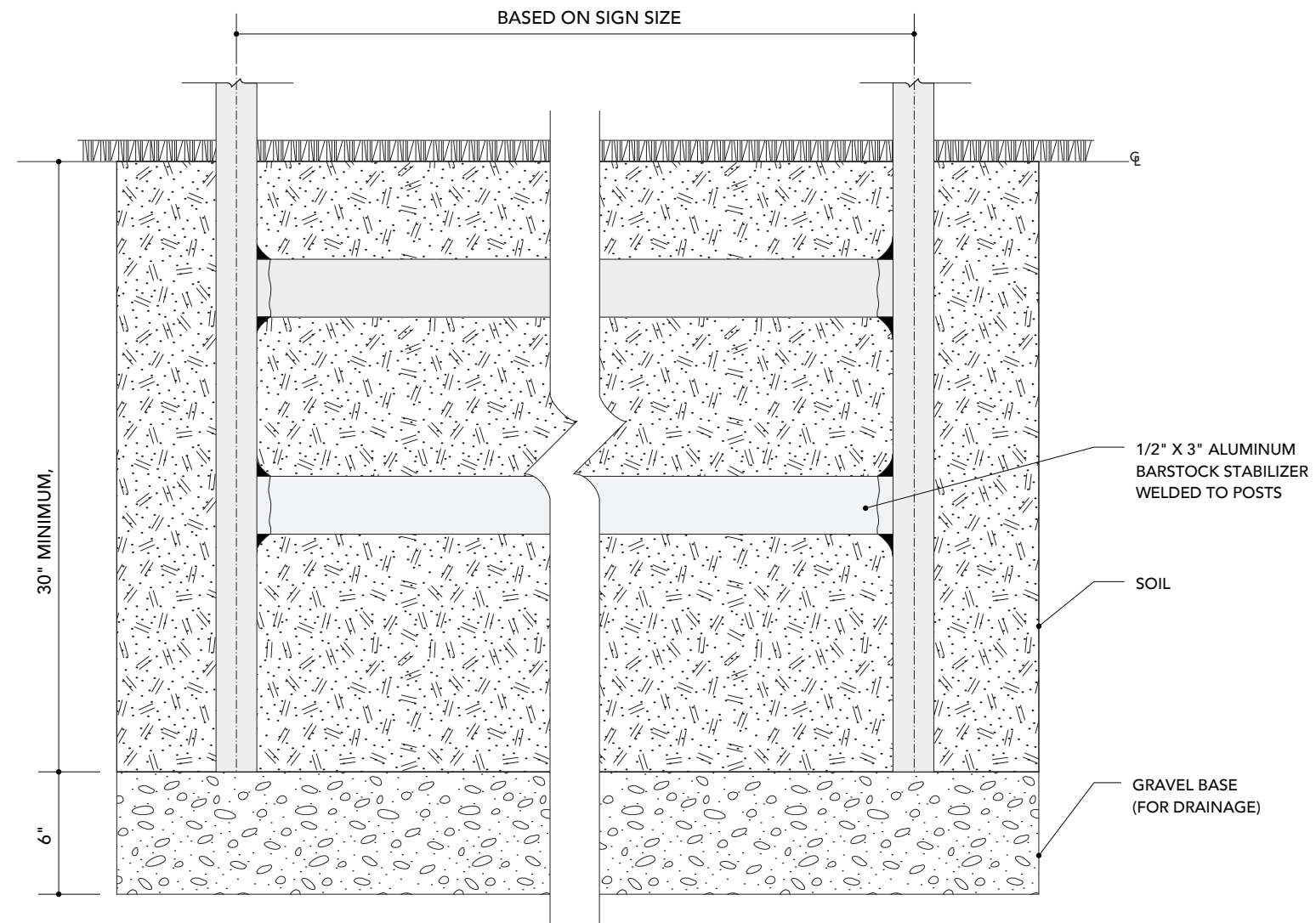




01 Upright Direct Embed with Stabilizer Fins
Section

Scale: NTS

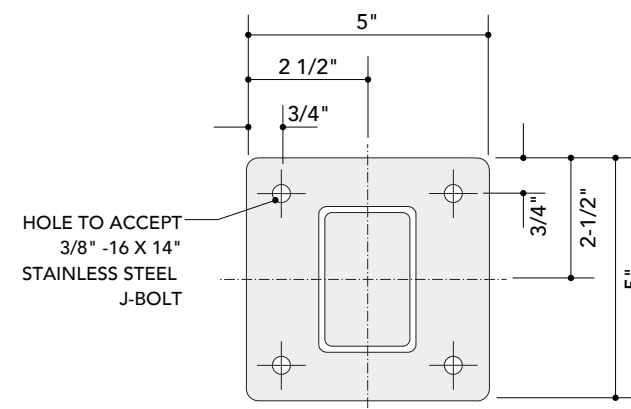




01 Direct Embed with Stabilizer Bars
Section

Scale: NTS





01 Baseplate Plan View, 2" x 3" Post
Section

Scale: NTS

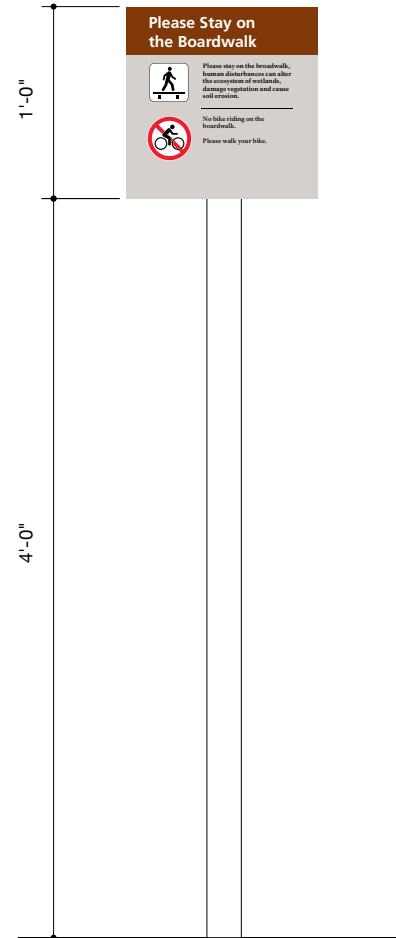


SIGN SPECIFICATIONS

Sign Type - PP-L - Post and Panel - 12x12

Material: 1/8" Thick Aluminum

Graphics Method:
 Letter Style - Highway Gothic
 Letter And Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Type II Retro-Reflective
 Sheeting Applied Directly To Alupalite™
 Fabrication Method -
 4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir,
 Select Grade Dimensional Timber Post Or
 Southern Yellow Pine
 Adhesive Bond Aluminum Angle To Back Of Sign
 Panel



01 Sign Type - PP-L - Post and Panel - 12x12
Elevation



02 Sign Type - PP-L - Post and Panel - 12x12
Elevation

Scale: 3" = 1' 0"

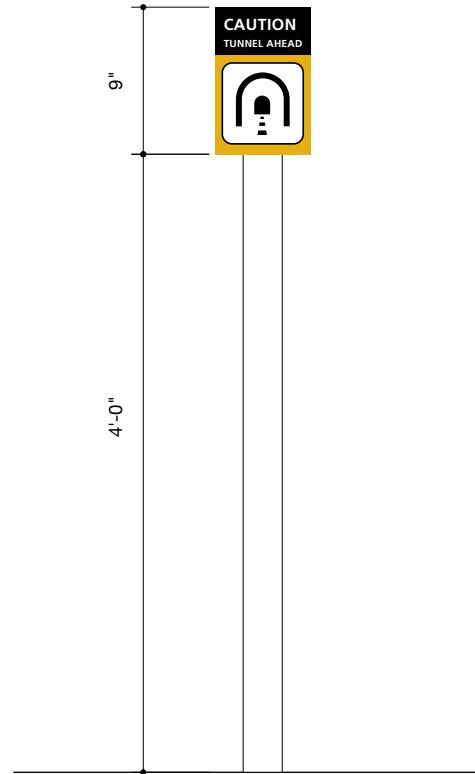


SIGN SPECIFICATIONS

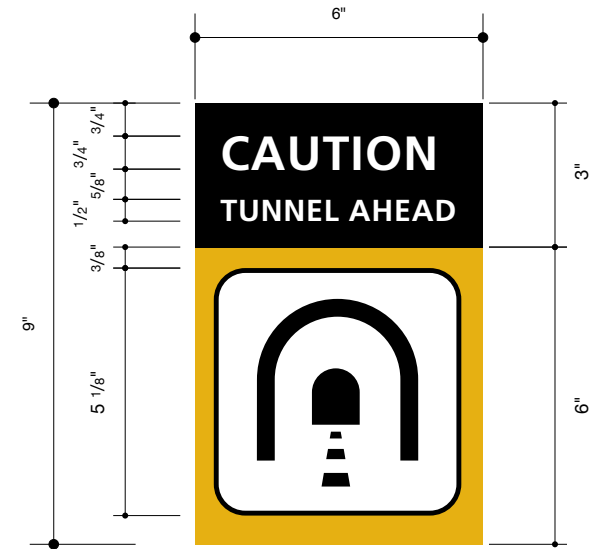
Sign Type - PP-L - Post and Panel - 6x9

Material: 1/8" Thick Aluminum

Graphics Method:
 Letter Style - Highway Gothic
 Letter And Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Type II Retro-Reflective
 Sheeting Applied Directly To Aluminum
 Fabrication Method -
 4" X 4", 4" X 6", 4" X 8", 6" X 8" Douglas Fir,
 Select Grade Dimensional Timber Post Or
 Southern Yellow Pine
 Adhesive Bond Aluminum Angle To Back Of Sign
 Panel



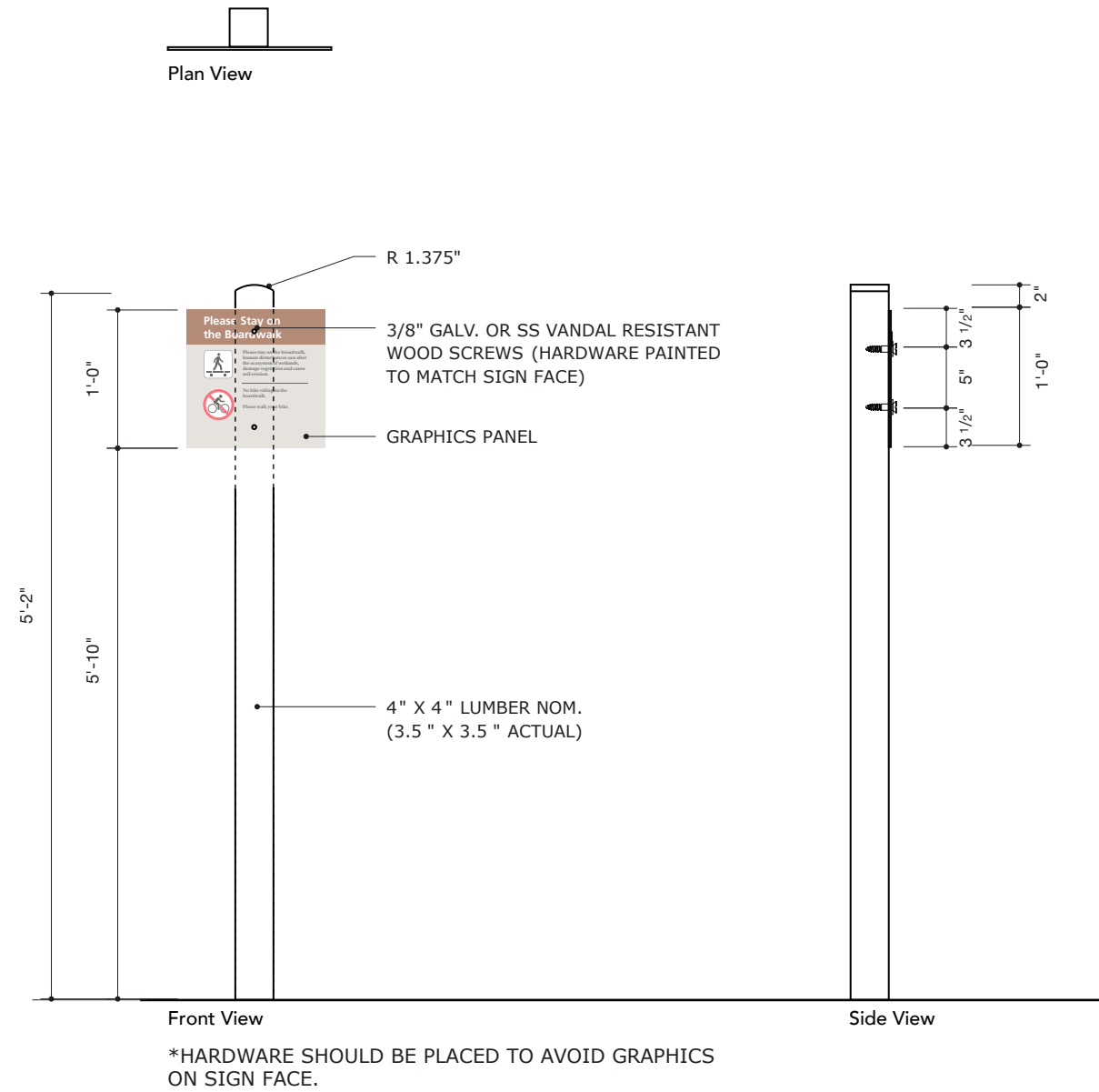
01 Sign Type - PP-L - Post and Panel - 6x9
Elevation



02 Sign Type - PP-L - Post and Panel - 6x9
Elevation

Scale: 3" = 1' 0"

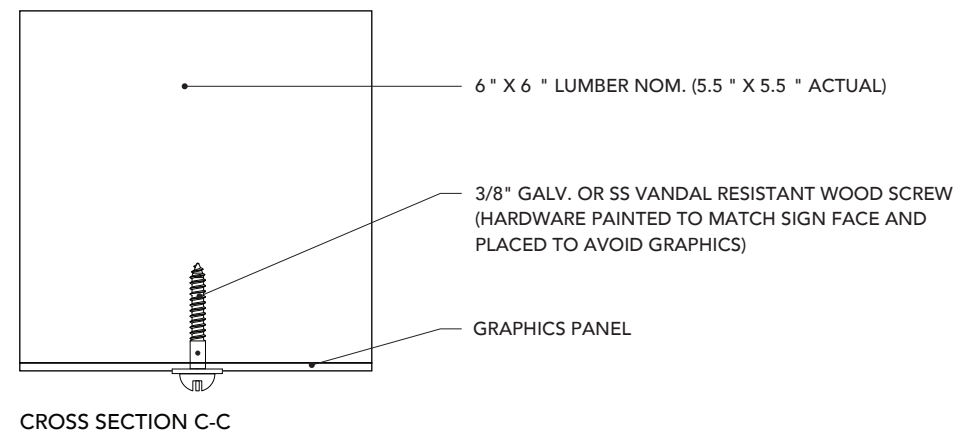
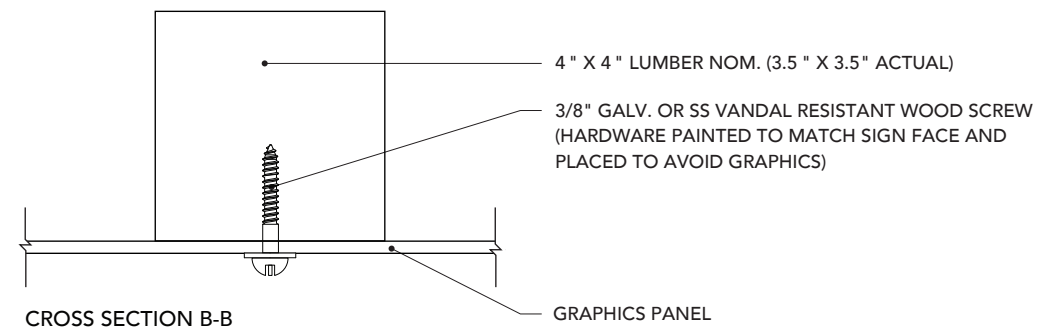
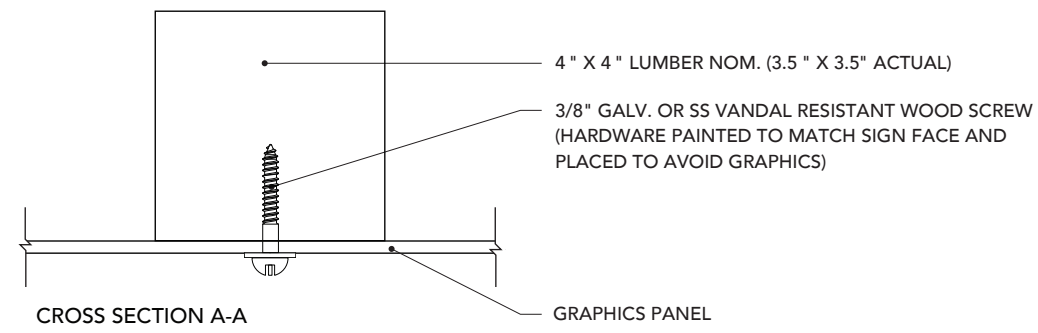




01 Sign Type - PP-L - Post and Panel - Wood Post Attached Through Sign Face
Elevation

Scale: 3/4" = 1' 0"





01 Sign Type - PP-L - Post and Panel
Elevation

Scale: NTS

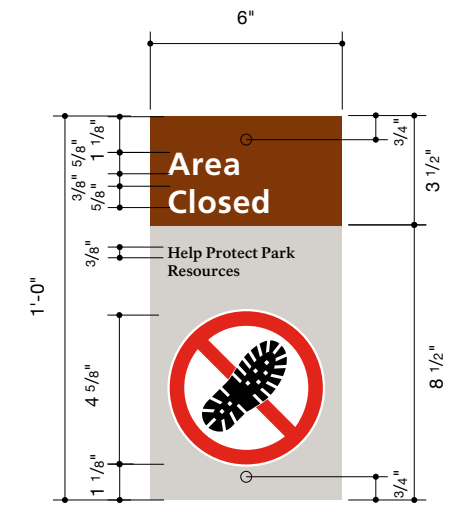
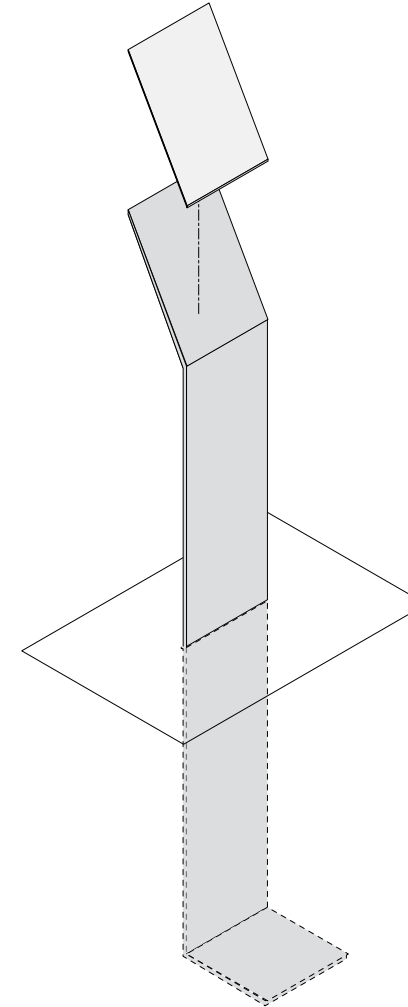
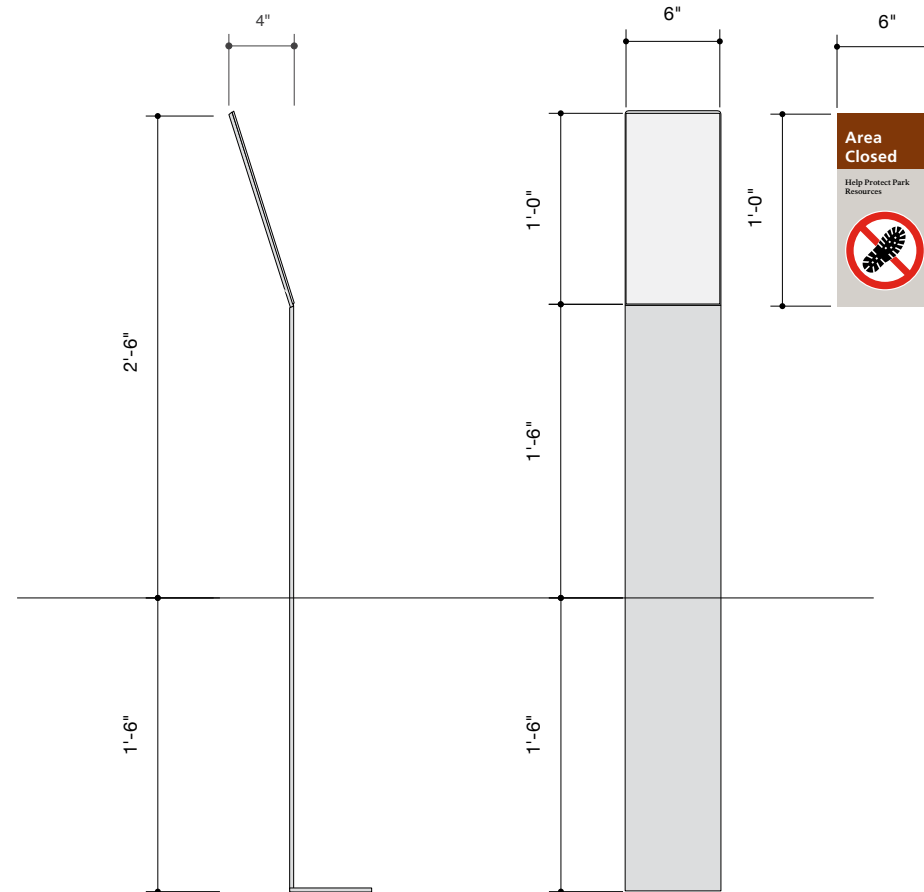


SIGN SPECIFICATIONS

Sign Type - TS-M - Trailside - Medium - TS6x12

Material: 1/4 " Thick Aluminum
Painted PMS 469

Graphics Method:
Letter Style - Rawlinson Ot Heavy
Letter And Icon Color - PMS White / PMS 185
PMS Black
Background Method - Reflective White Vinyl
Background Method - Type II Retro-Reflective
Sheeting Applied Directly To Alupalite™w
Background Color - NPS Brown - PMS-1615



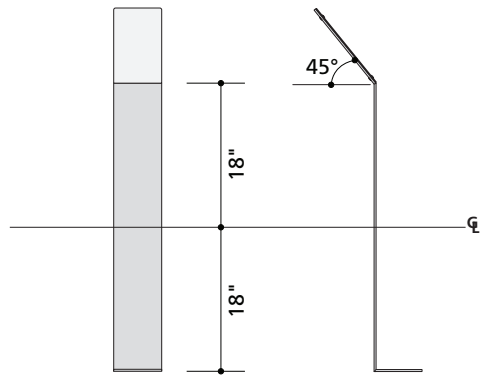
01 Sign Type - TS-M - Trailside - Medium - TS6x12
Elevation / End View

02 Sign Type - TS-M - Trailside - Medium - TS6x12
Elevation

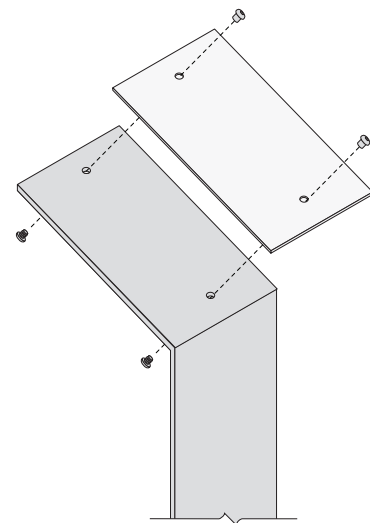
02 Sign Type - TS-M - Trailside - Medium - TS6x12
Elevation

Scale: 2" = 1' 0"

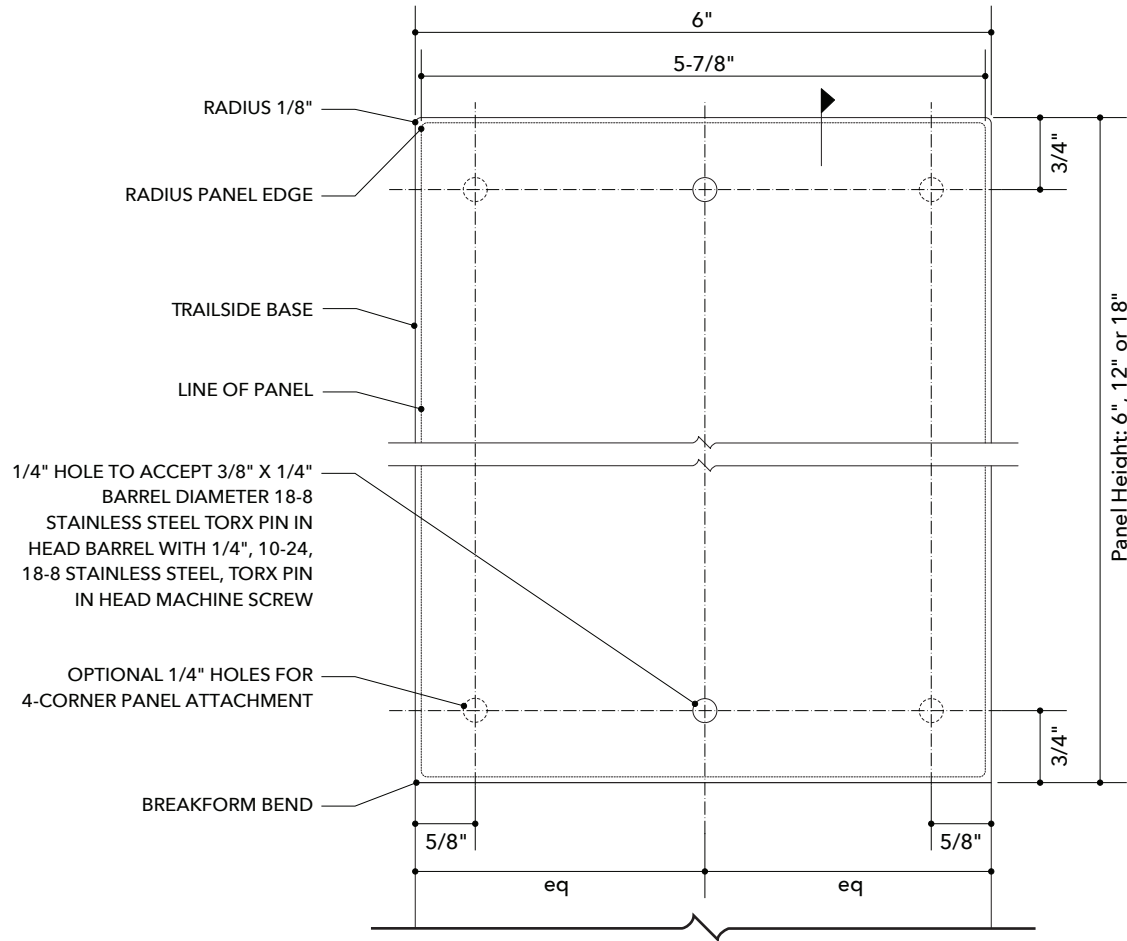




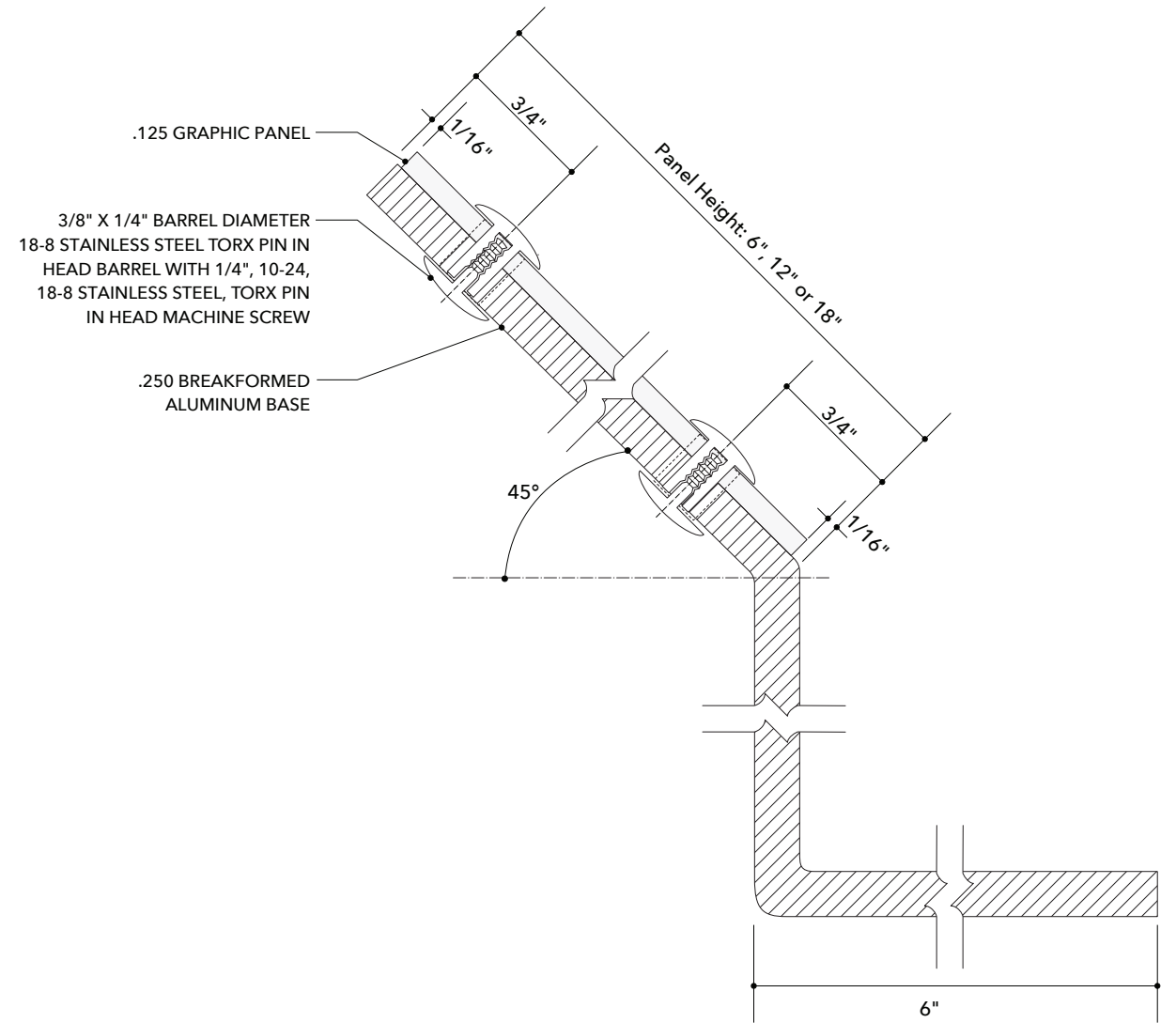
01 Sign Type - TS-S - Trailside - Small - TS6x6
Elevation / End View



02 Sign Type - TS-S - Trailside - Small - TS6x6
Connection View



03 Sign Type - TS-S / TS-M / TS-L - Trailside
Panel Attachment Detail



04 Sign Type - TS-S / TS-M / TS-L - Trailside
Section

Scale: NTS

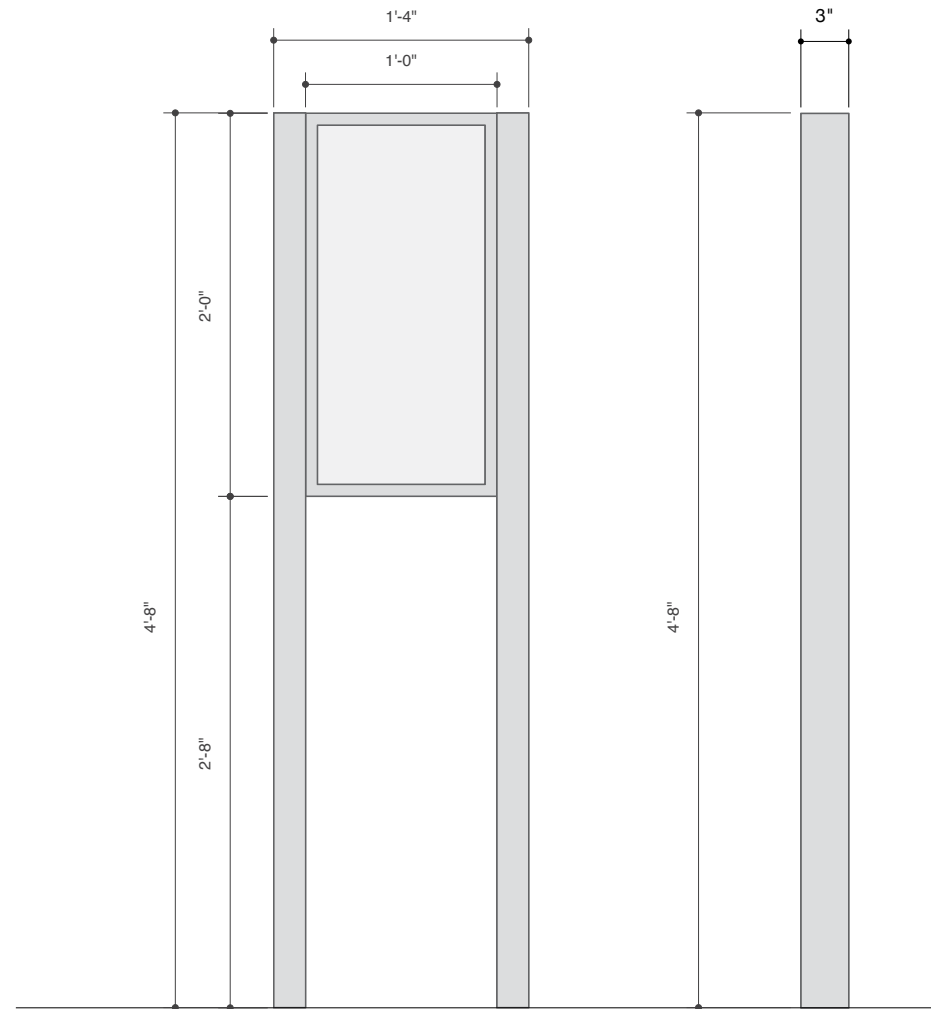


SIGN SPECIFICATIONS

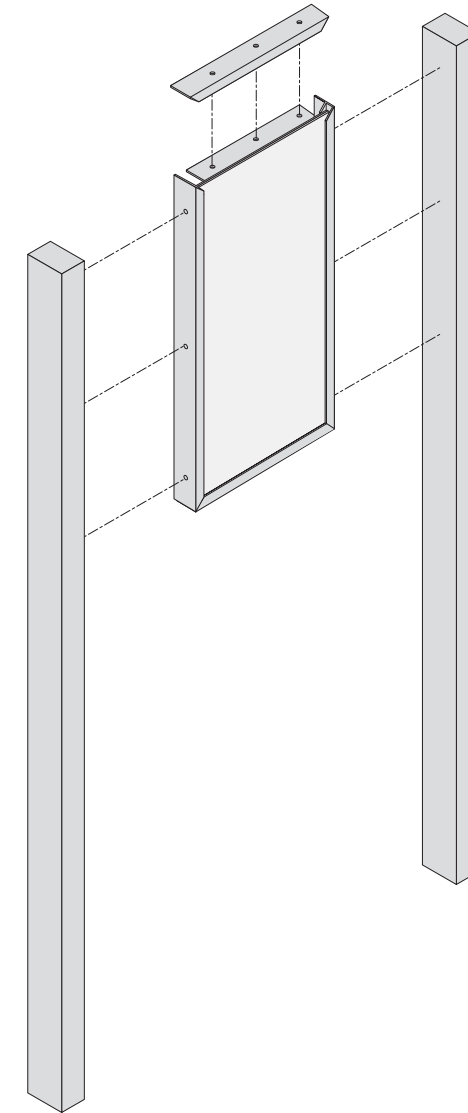
Sign Type - TD-L - Trail Directional Signage - Large - UP12x24

Graphics Method:
 Insert Map - 0.5" High-Pressure Laminate (Hpl)
 Header Attach With Countersunk Galv. Or SS
 Vandal Resistant Hardware

Cabinet:
 Painted PMS 469
 Fabricate To Trail Directional Signage Specifications



01 Sign Type - TD-L - Trail Directional Signage - Large - UP12x24
 Elevation / End View



02 Sign Type - TD-L - Trail Directional Signage - Large - UP12x24
 Elevation

Scale: 1" = 1' 0"

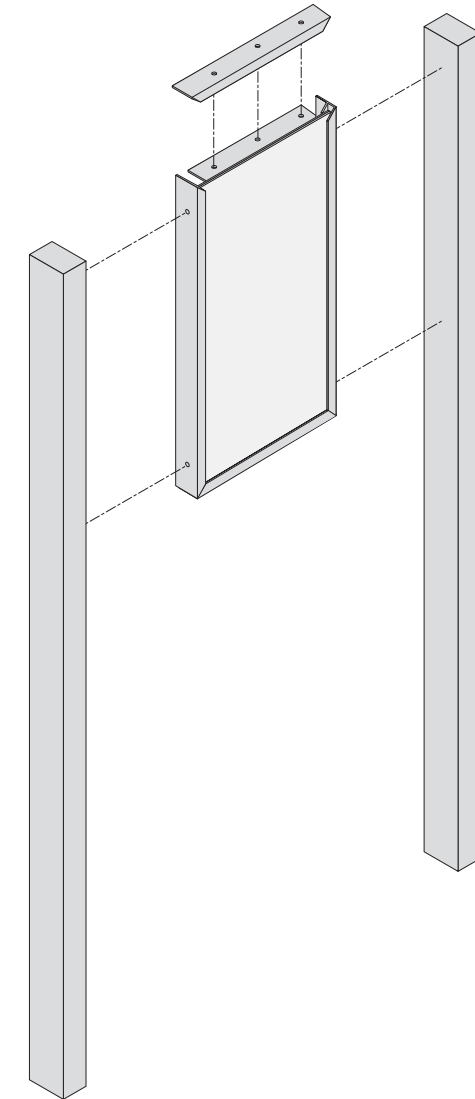
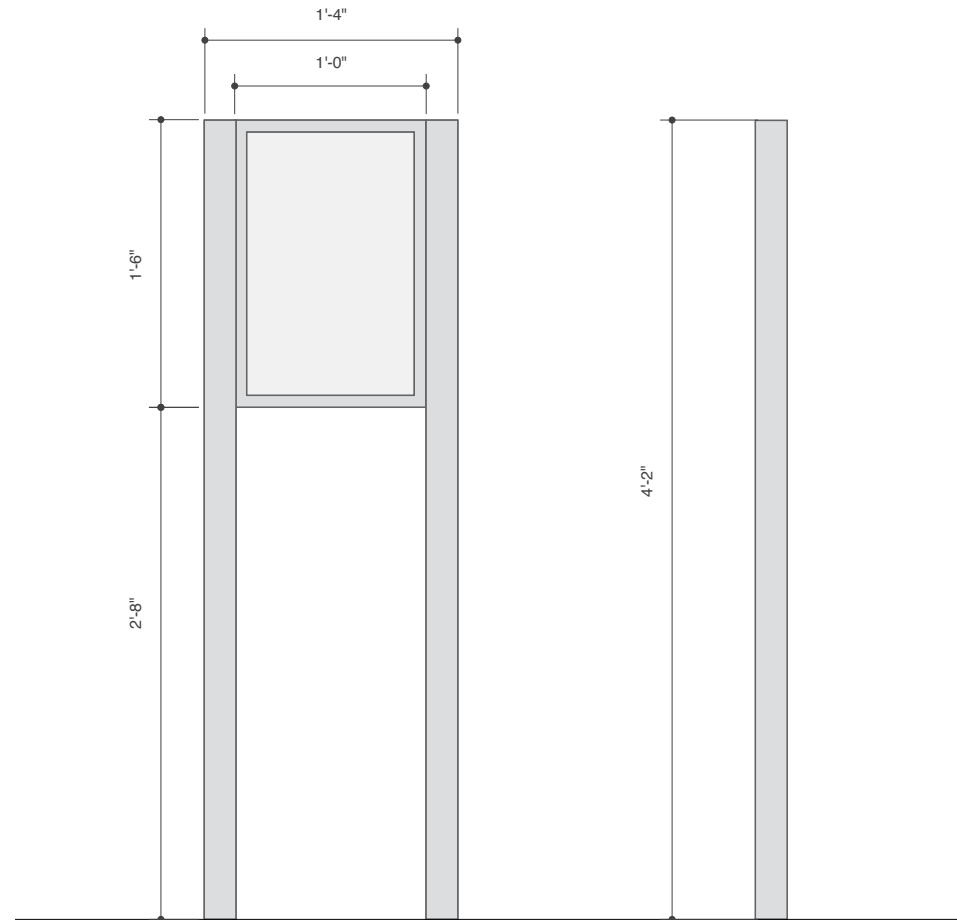


SIGN SPECIFICATIONS

TD-M - Trail Directional Signage - Medium - UP12x18

Graphics Method:
 Insert Map - 0.5" High-Pressure Laminate (Hpl)
 Header Attach With Countersunk Galv. Or SS
 Vandal Resistant Hardware

Cabinet:
 Painted PMS 469
 Fabricate To Trail Directional Signage Specifications



01 Sign Type - TD-M - Trail Directional Signage - Medium - UP12x18
 Elevation / End View

02 Sign Type - TD-M - Trail Directional Signage - Medium - UP12x18
 Elevation

Scale: 1" = 1' 0"

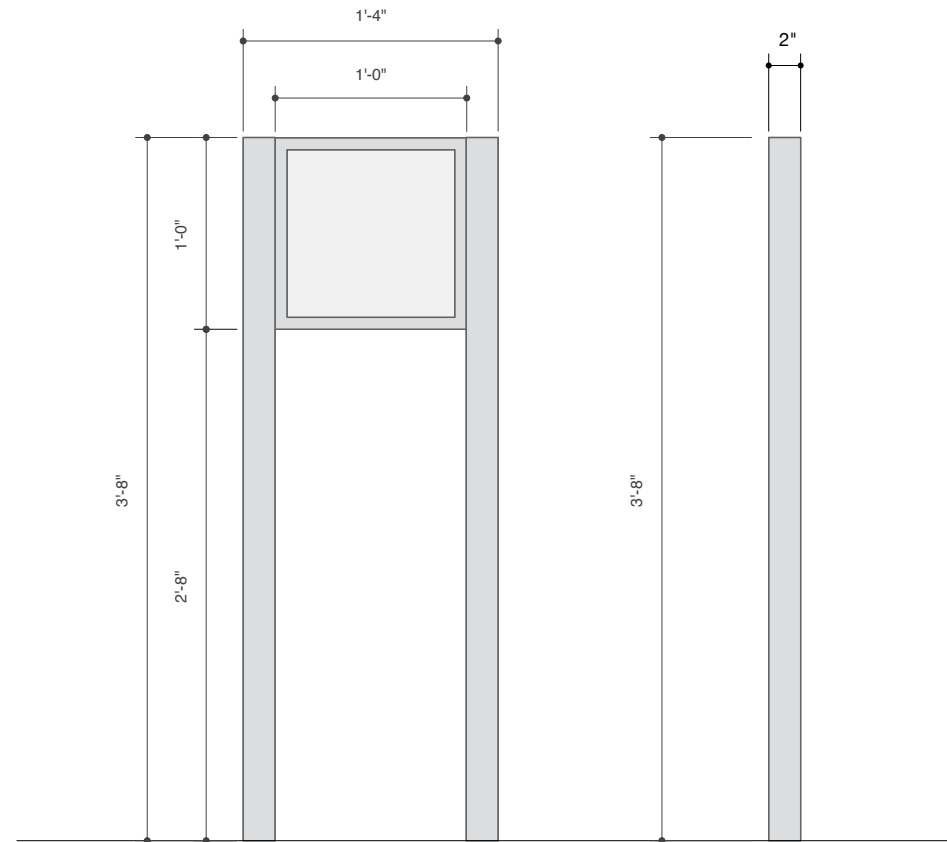


SIGN SPECIFICATIONS

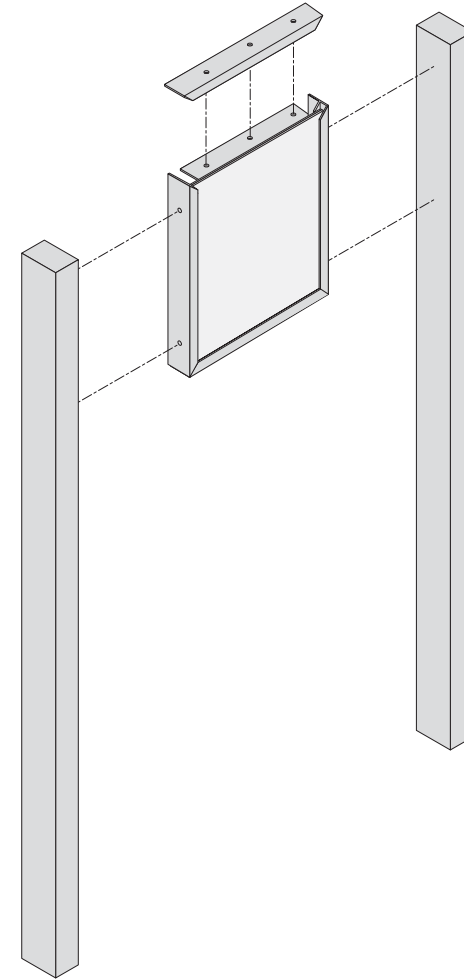
Sign Type - TD-S - Trail Directional Signage - Small - UP12x12

Graphics Method:
 Insert Map - 0.5" High-Pressure Laminate (Hpl)
 Header Attach With Countersunk Galv. Or SS
 Vandal Resistant Hardware

Cabinet:
 Painted PMS 469
 Fabricate To Trail Directional Signage Specifications



01 Sign Type - TD-S - Trail Directional Signage - Small - UP12x12
 Elevation / End View



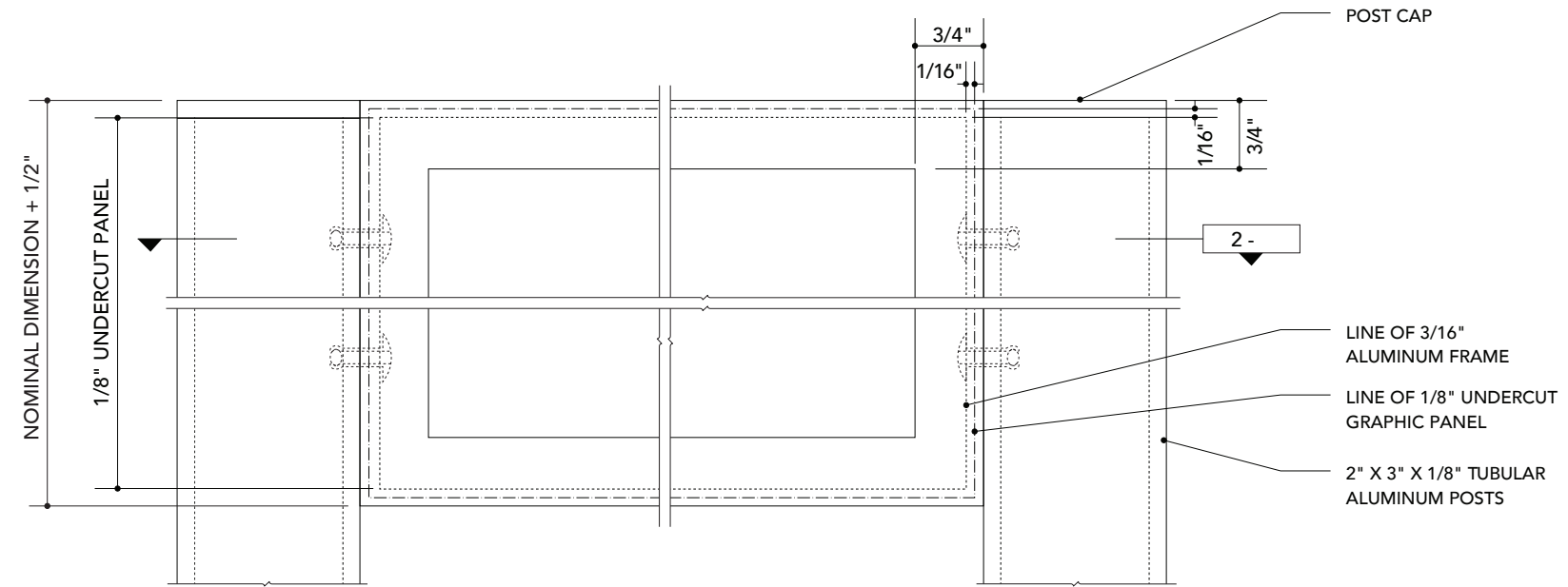
02 Sign Type - TD-S - Trail Directional Signage - Small - UP12x12
 Elevation

Scale: 1" = 1' 0"

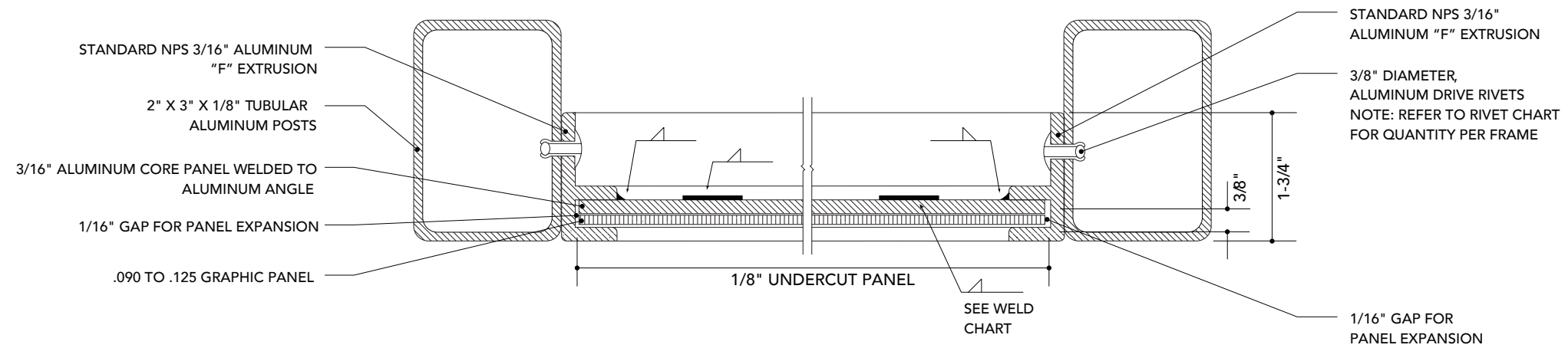


Upright Series (UP): 2" x 3" Post

Single-sided Aluminum Fabrication



01 Frame Front Elevation Section



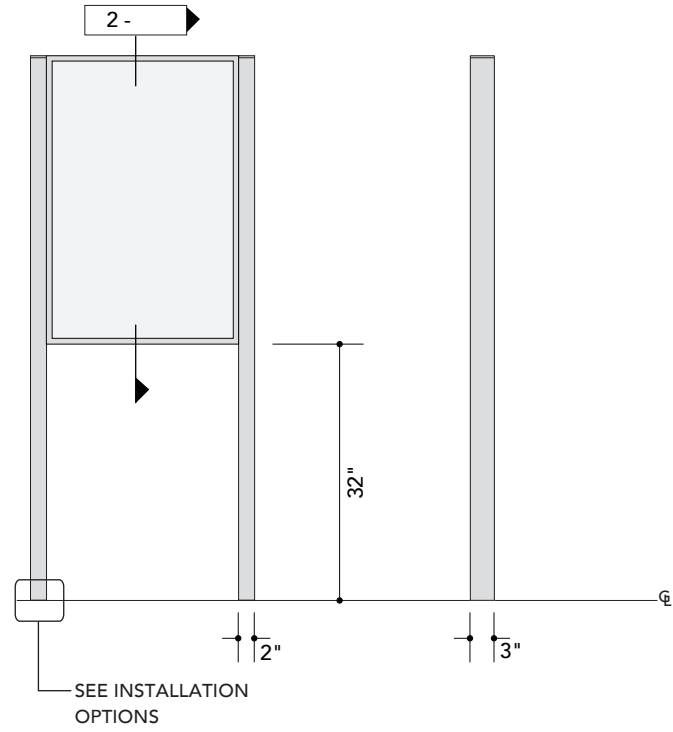
02 Frame Top Section

Scale: NTS

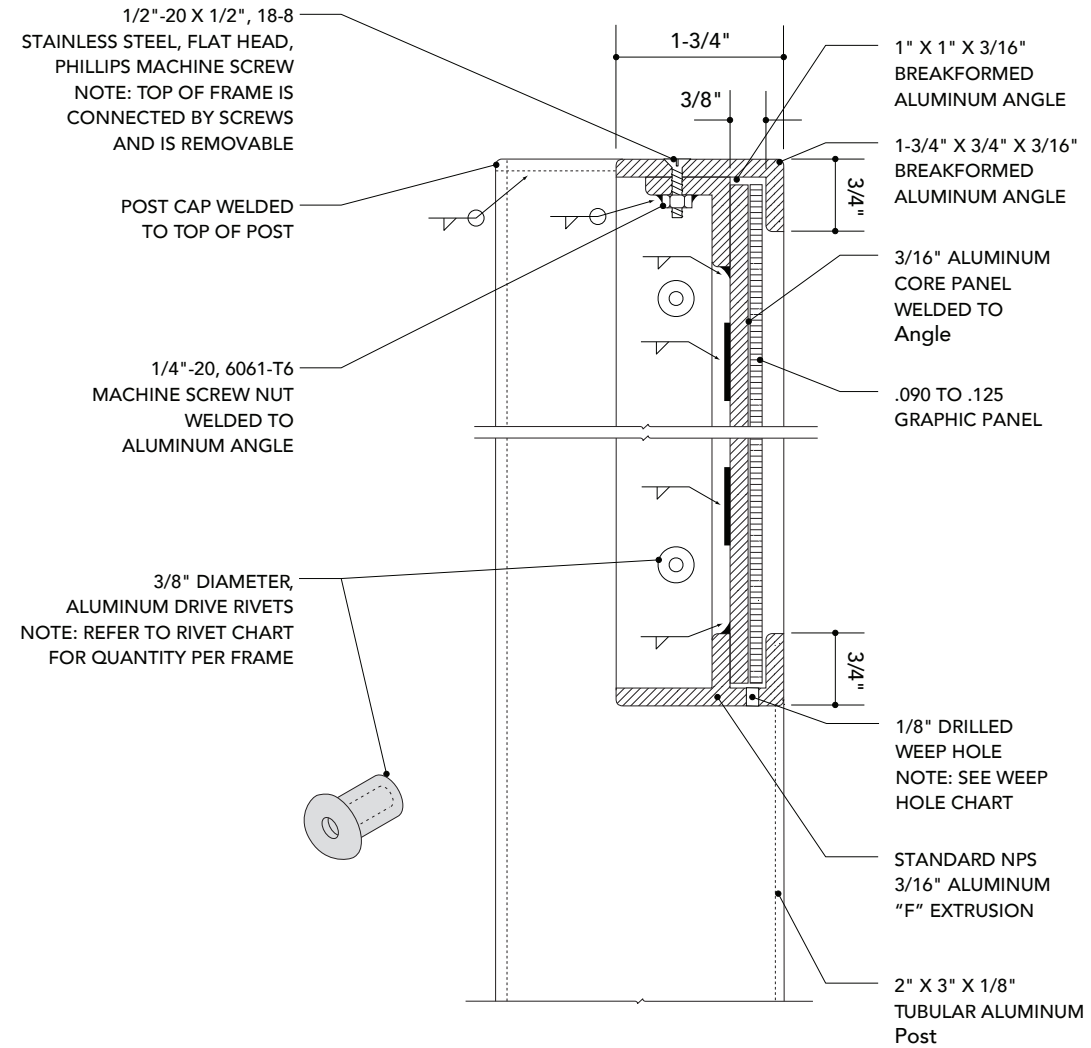


Upright Series (UP): 2" x 3" Post

Single-sided Aluminum Fabrication



GENERAL NOTE:
ALL BREAKFORMED STEEL
AND ALUMINUM FRAME
EDGES SHALL BE EASED TO
PREVENT SHARP EDGES AND
ALLOW PAINT ADHERENCE.



01 Upright Series (UP): 2" x 3" Post
Upright Elevation

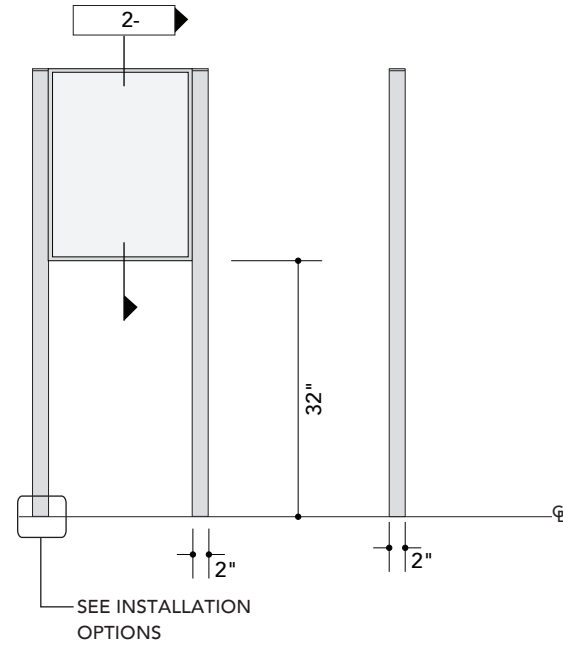
02 Upright Series (UP): 2" x 3" Post
Side Section Cut

Scale: NTS

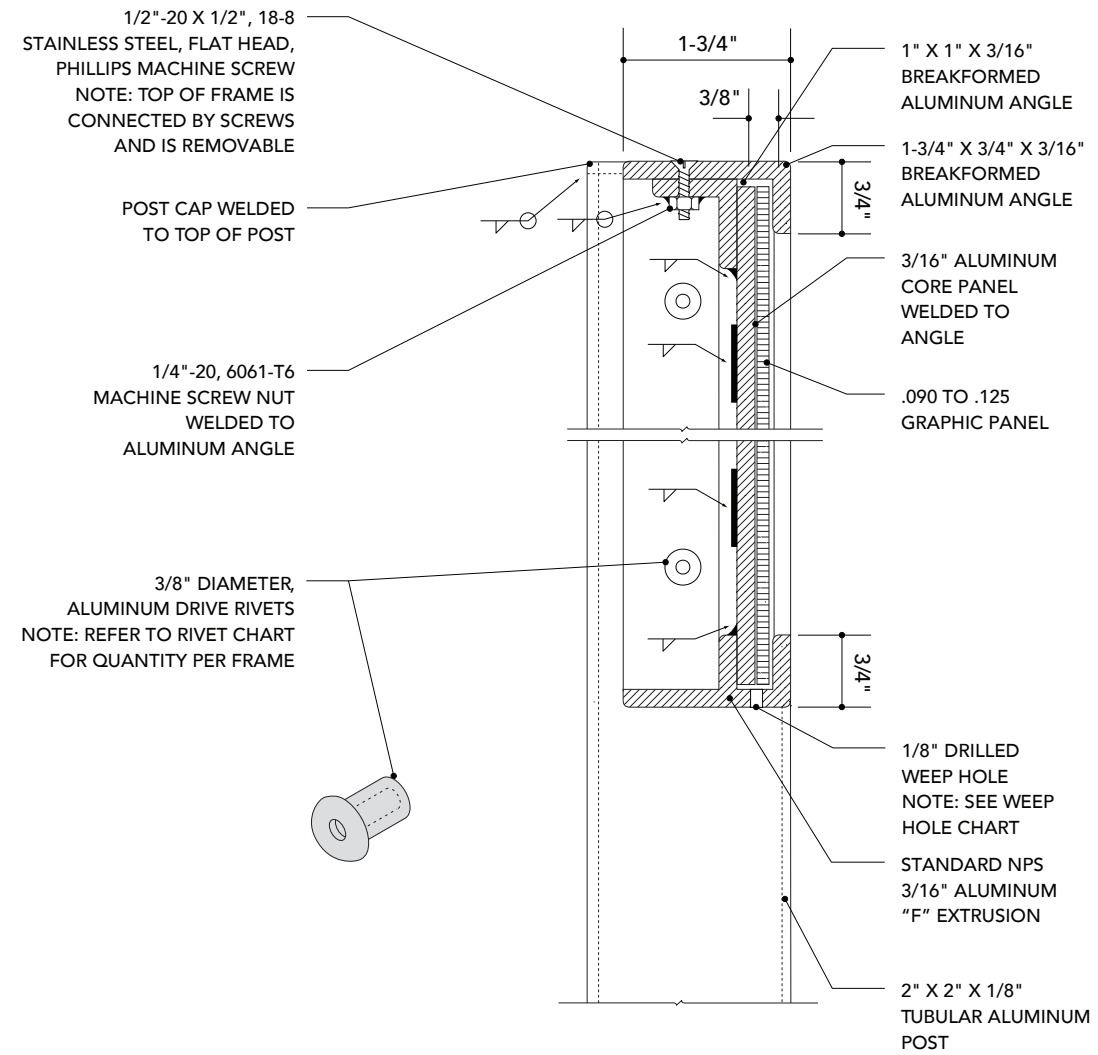


Upright Series (UP): 2" x 2" Post

Single-sided Aluminum Fabrication



GENERAL NOTE:
ALL BREAKFORMED STEEL
AND ALUMINUM FRAME
EDGES SHALL BE EASED TO
PREVENT SHARP EDGES AND
ALLOW PAINT ADHERENCE.



01 Upright Series (UP): 2" x 2" Post
Upright Elevation

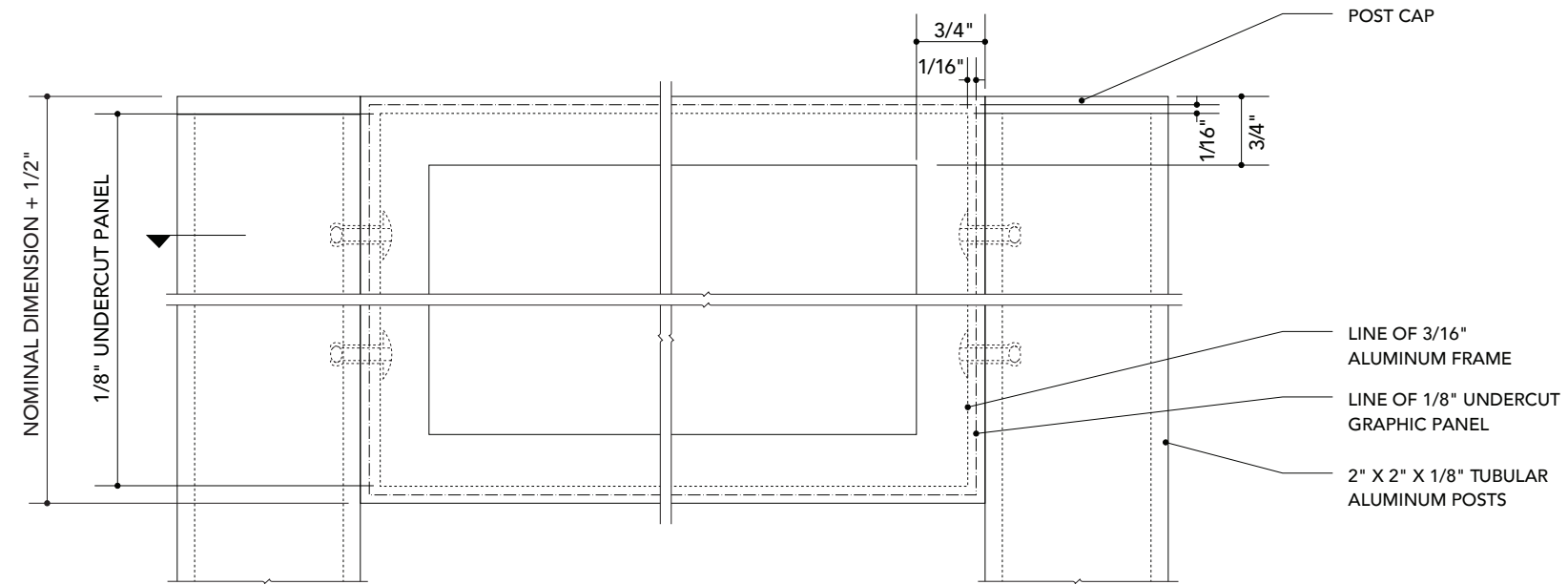
02 Upright Series (UP): 2" x 2" Post
Side Section Cut

Scale: NTS

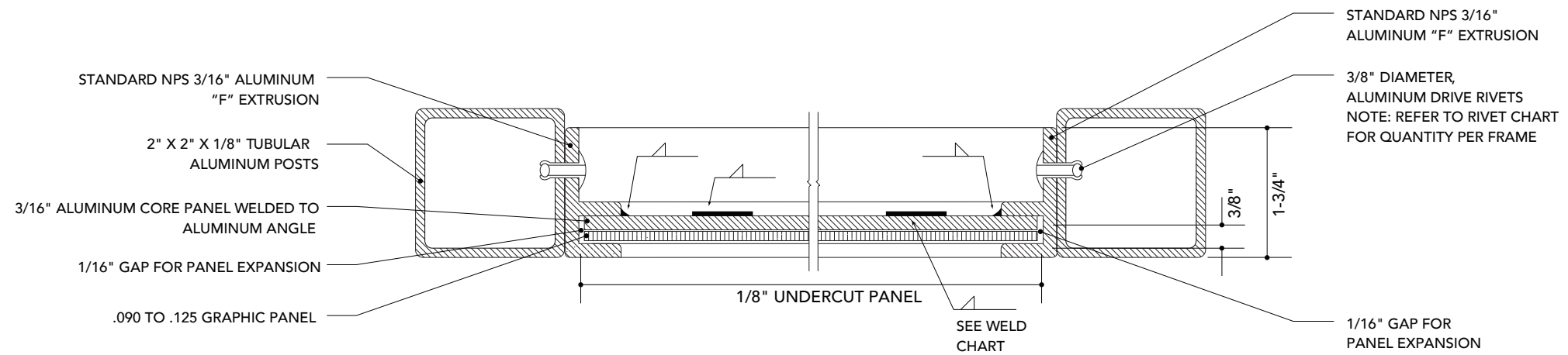


Upright Series (UP): 2" x 2" Post

Single-sided Aluminum Fabrication



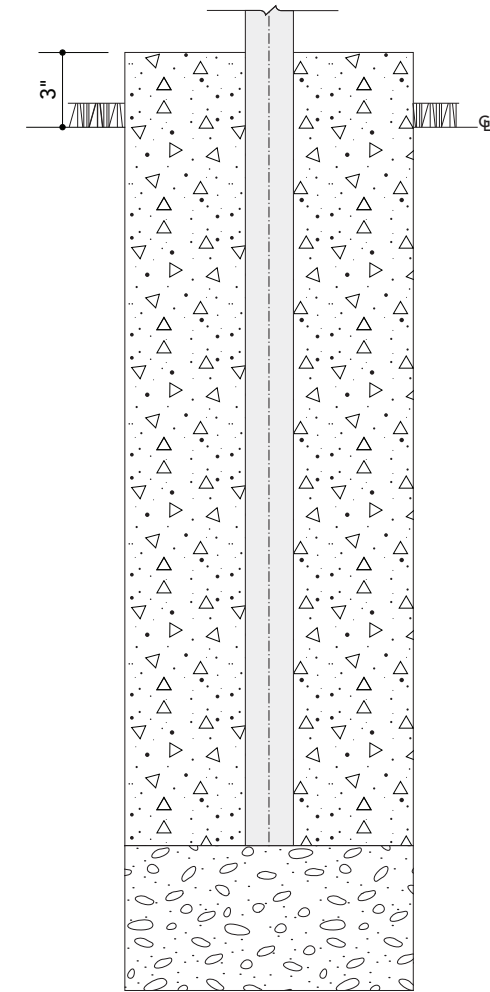
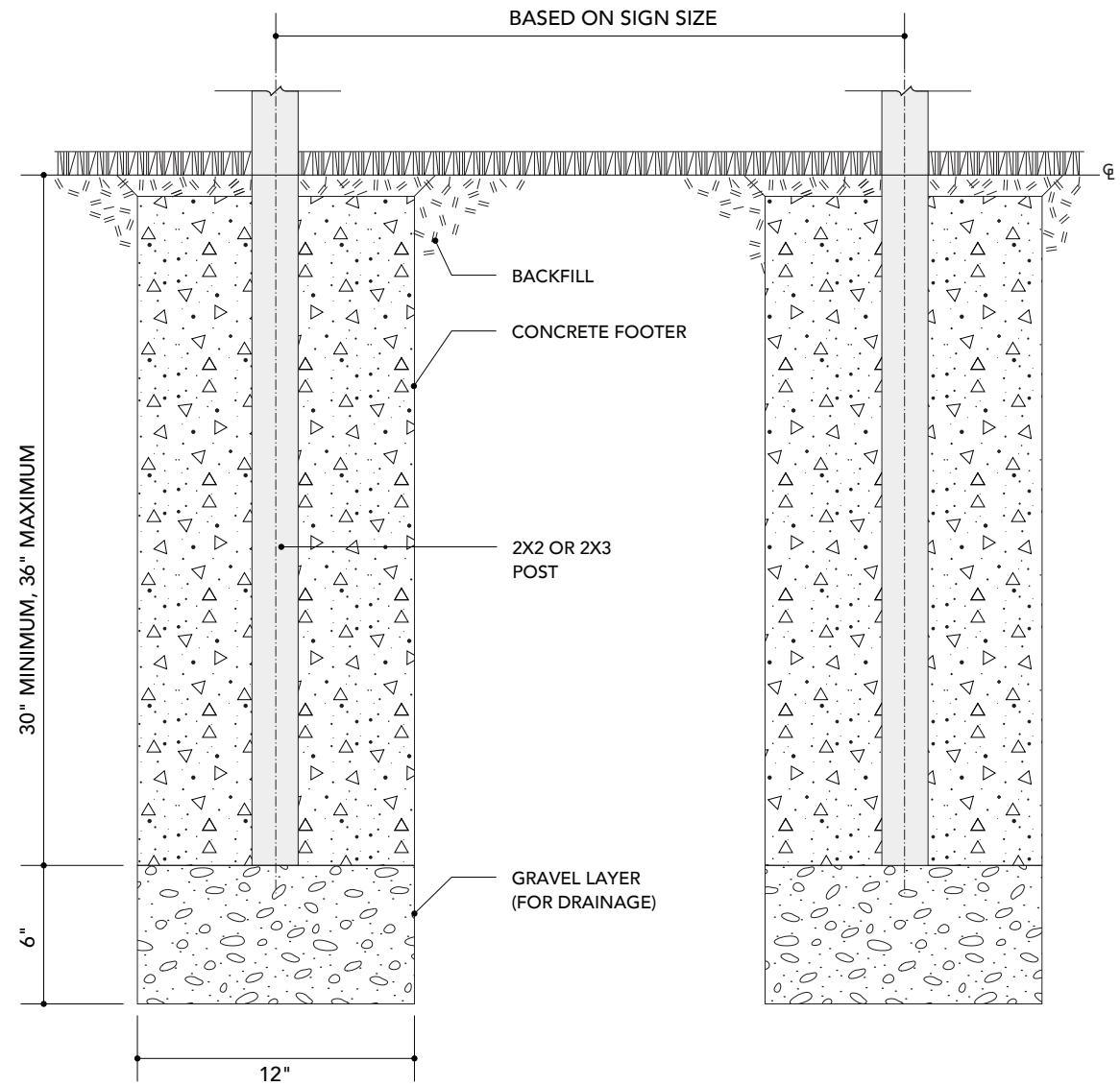
01 Frame Front Elevation Section



02 Frame Top Section

Scale: NTS



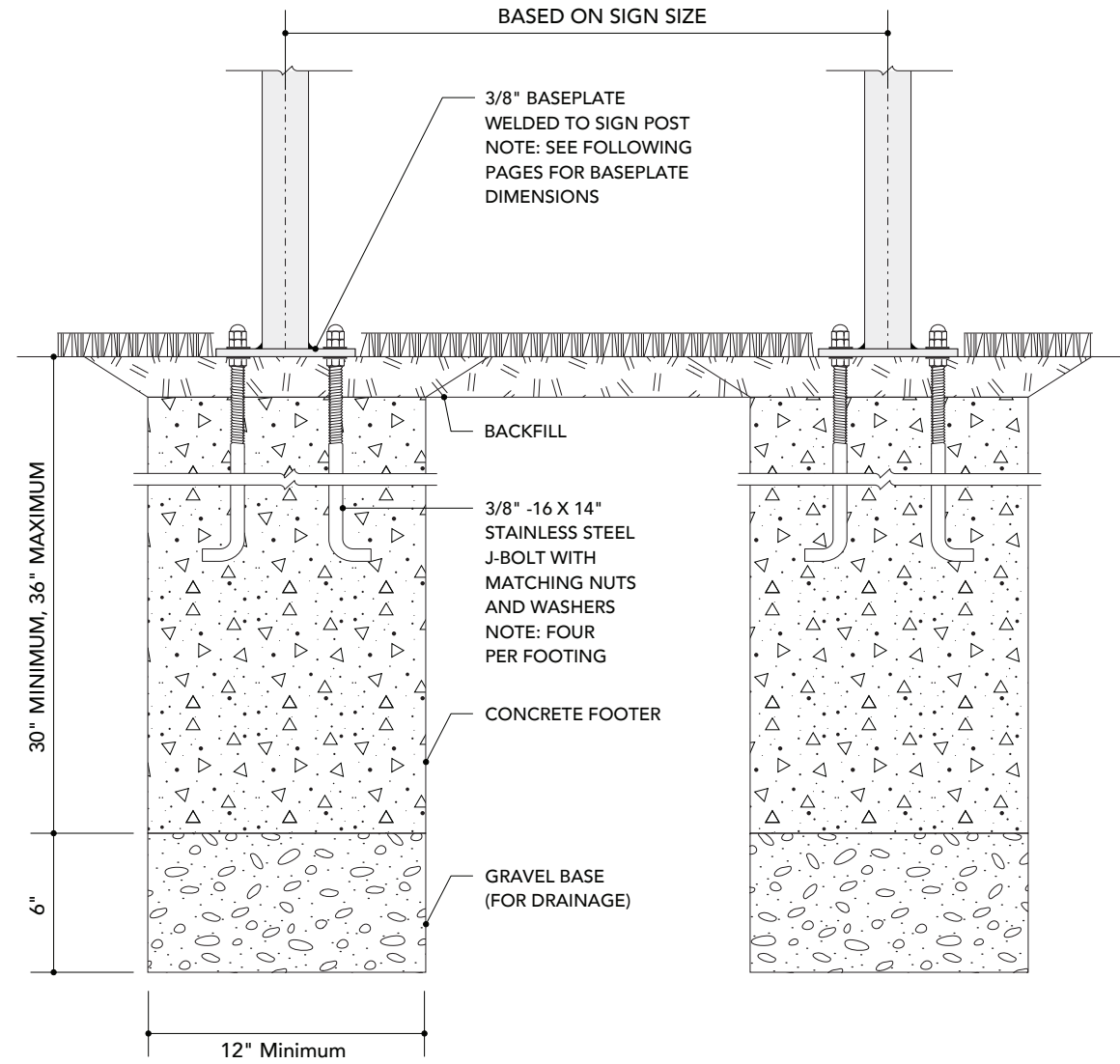


01 Direct Embedment Section

02 Direct Embedment with Mow Ring Section

Scale: NTS

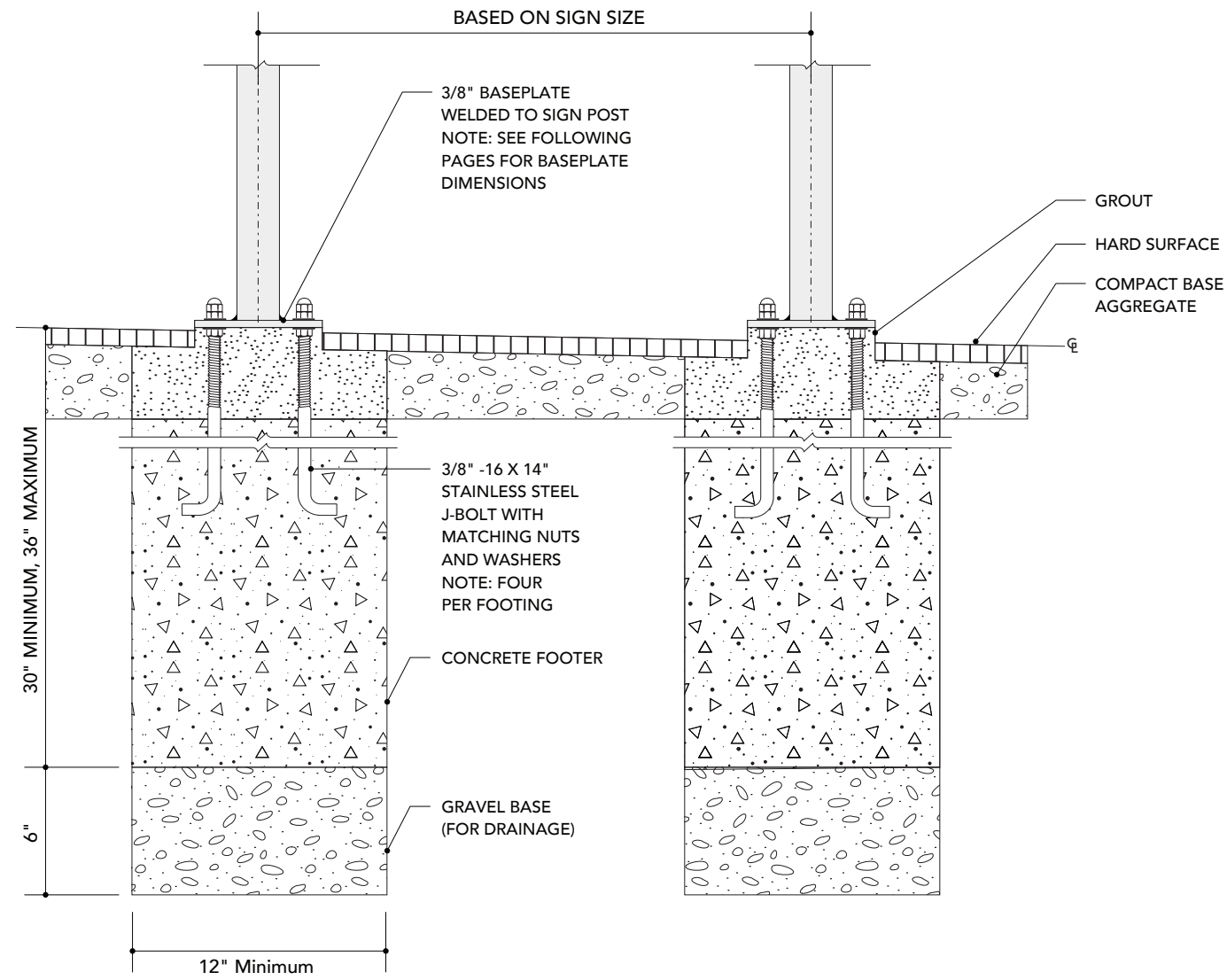




01 Baseplate Mount: Landscape, Elevation
Section

Scale: NTS

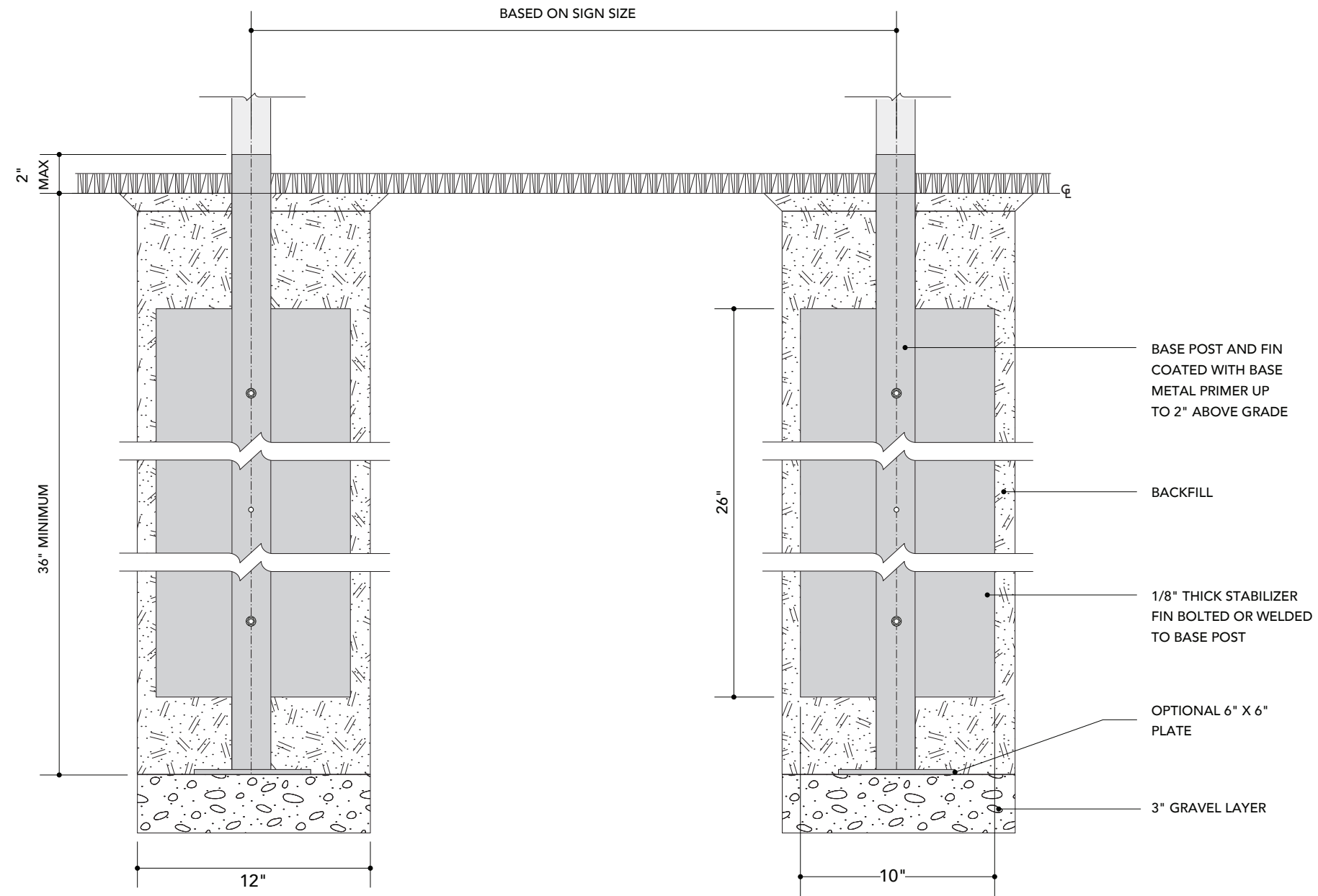




01 Baseplate Mount: Hard Surface, Elevation
Section

Scale: NTS

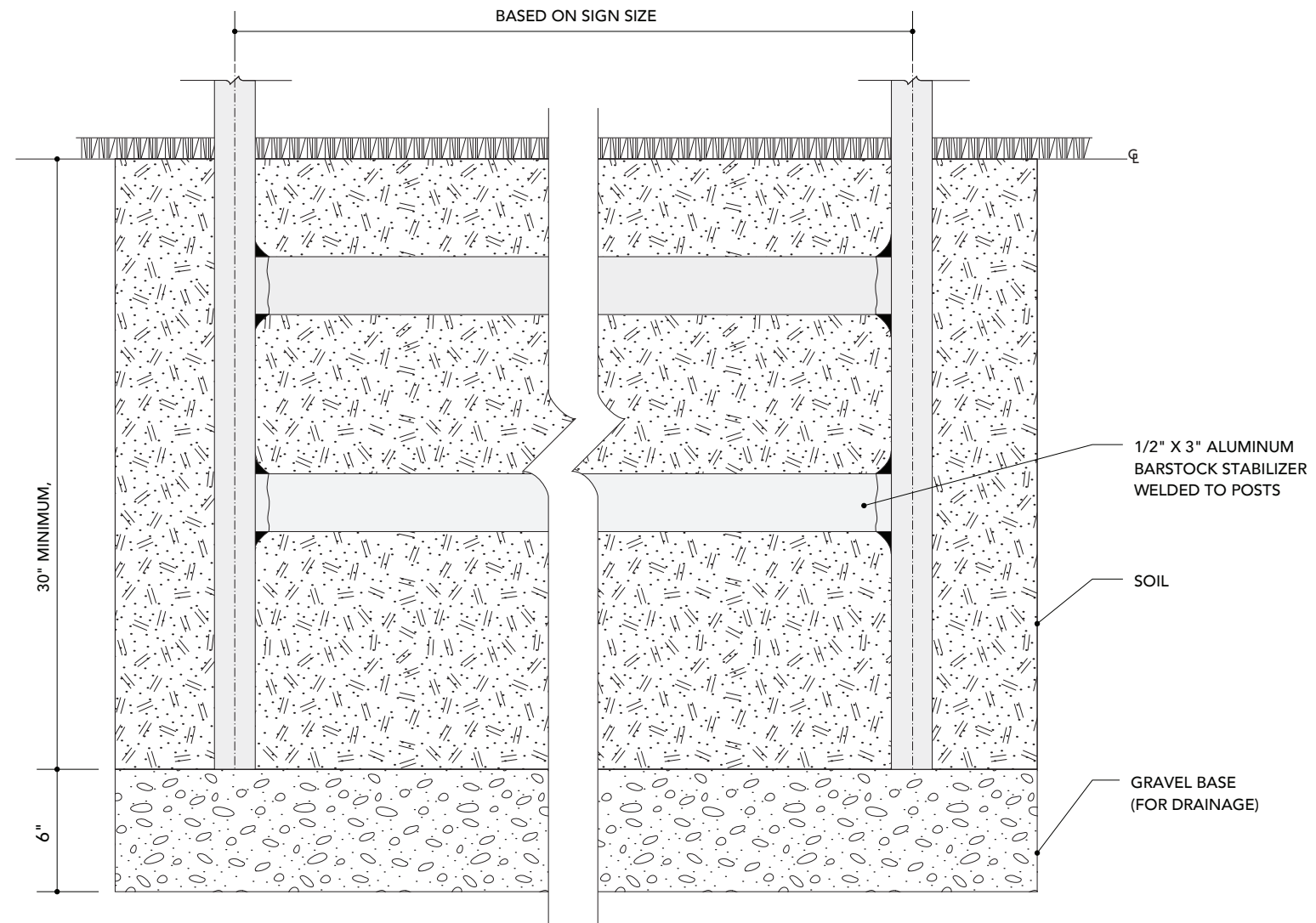




01 Upright Direct Embed with Stabilizer Fins Section

Scale: NTS

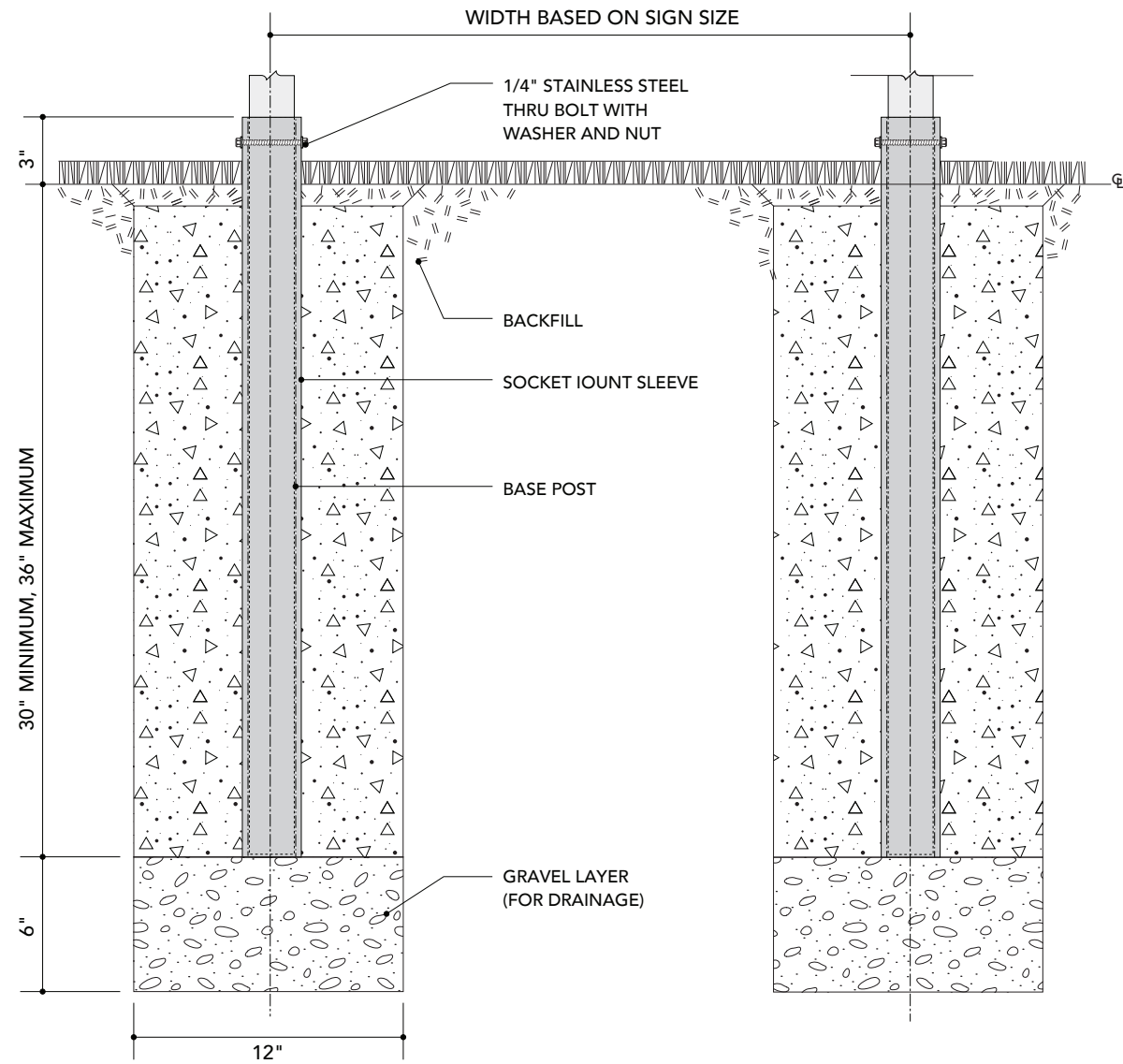




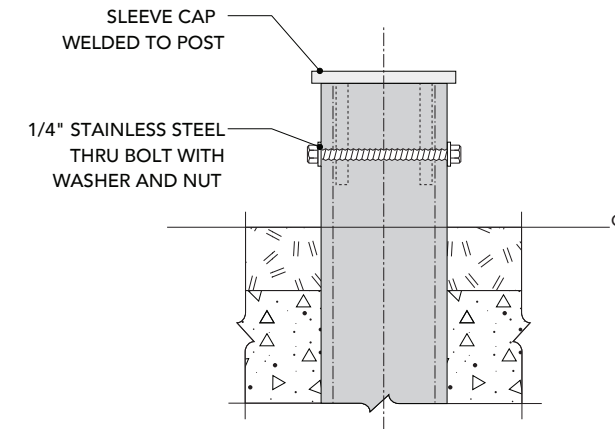
01 Direct Embed with Stabilizer Bars
Section

Scale: NTS

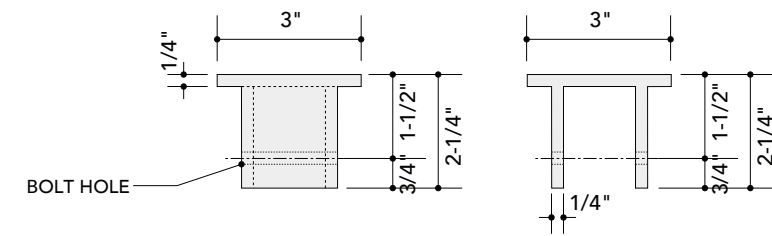




01 Direct Embedment with Socket Mount Section



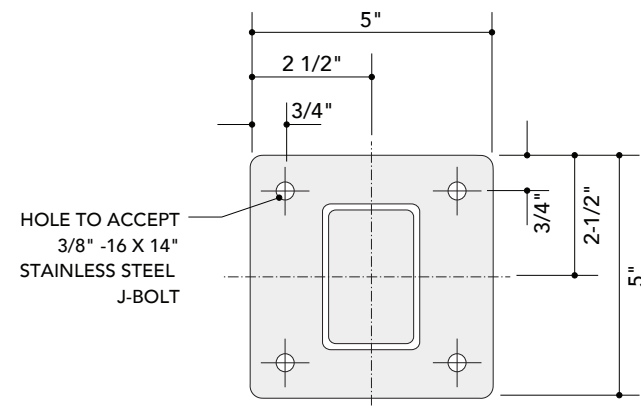
02 Socket Cap Detail Section



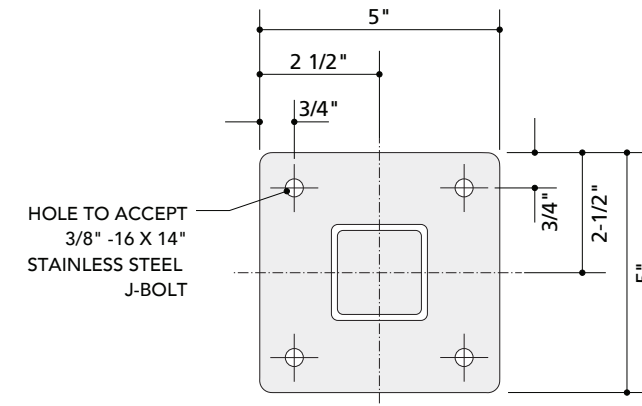
03 Socket Cap Front and Side Elevations

Scale: NTS





01 Baseplate Plan View, 2" x 3" Post Section



02 Baseplate Plan View, 2" x 2" Post Section

Scale: NTS



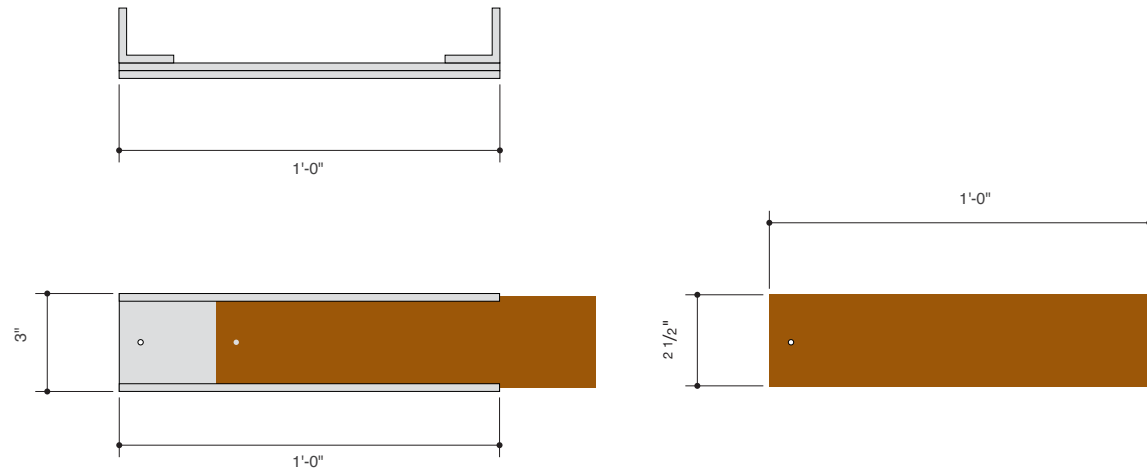
SIGN SPECIFICATIONS

Sign Type - TD-SP - Trail Directional Signage - Secondary Panel

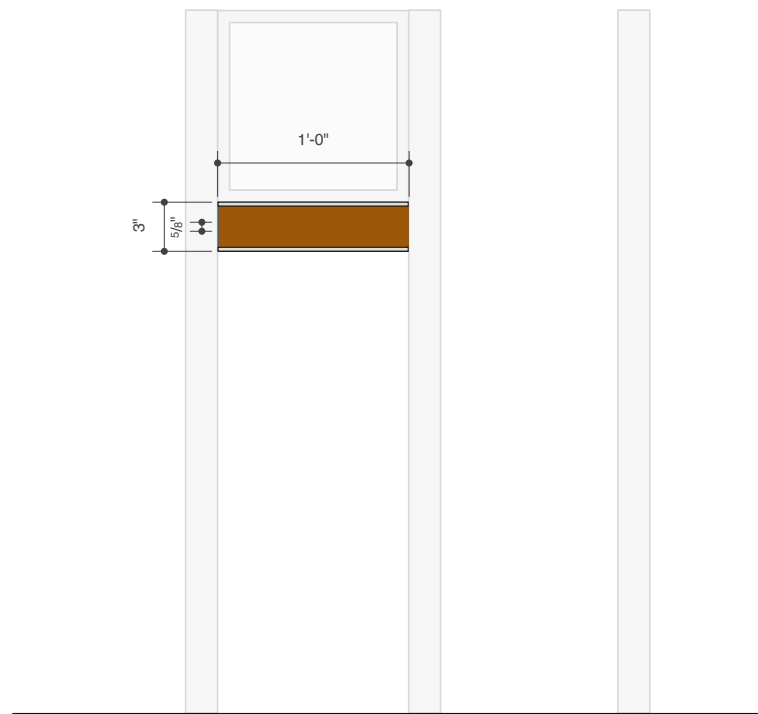
Graphics Method:
 Letter Style - Highway Gothic
 Letter And Icon Color - PMS White
 Background Method - Reflective White Vinyl
 Background Method - Type II Retro-Reflective Sheeting Applied Directly To Aluminum Panel

Cabinet:
 Painted PMS 469
 Fabricate To Trailhead Signage Specifications

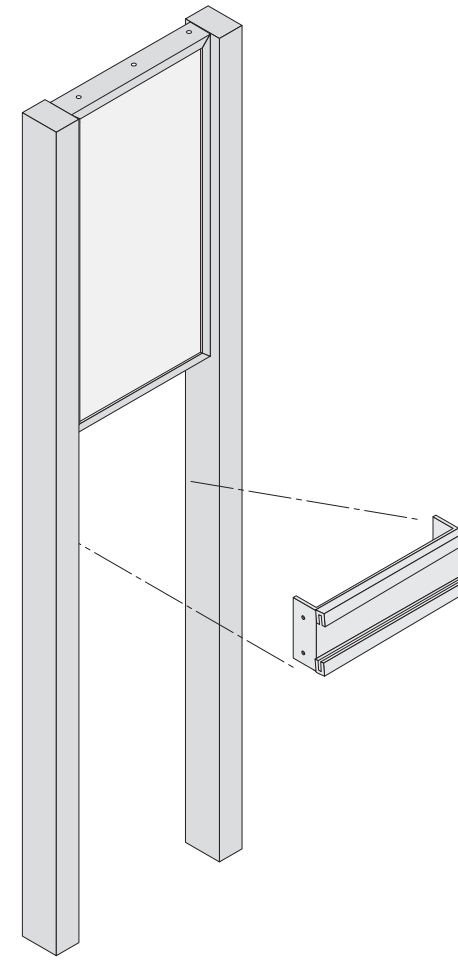
Removable Insert:
 1/8" Aluminum Panel Painted PMS 1615
 U-Channel Adhesive Bond Aluminum Angle To Front Of Sign Panel
 Tamper Resistant Screw To Secure Panel



01 Sign Type - TD-SP - Trail Directional Signage - Secondary Panel
 Panel Layout



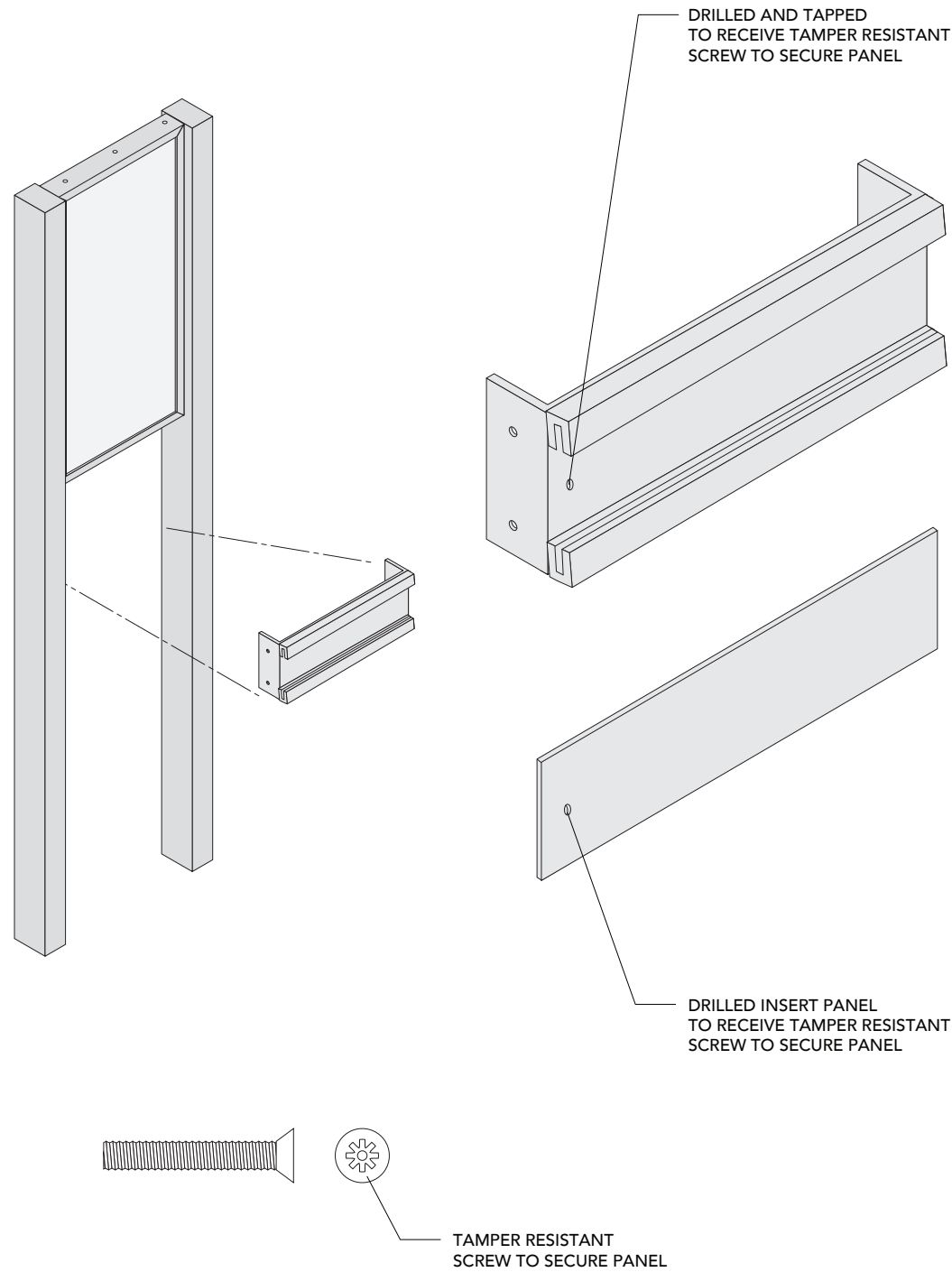
02 Sign Type - TD-SP - Trail Directional Signage - Secondary Panel
 Elevation / End View



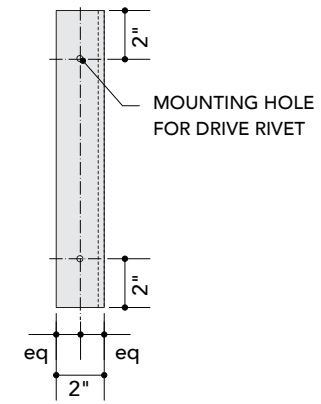
03 Sign Type - TD-SP - Trail Directional Signage - Secondary Panel
 Elevation

Scale: 1" = 1' 0"

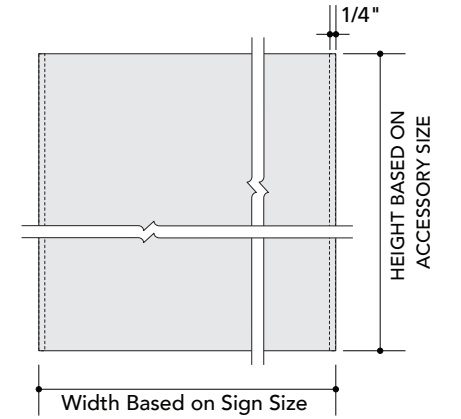




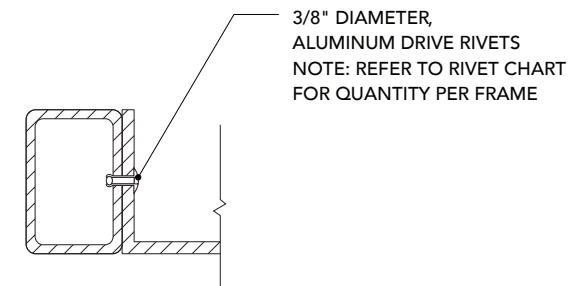
01 Upright with Accessory Add On Panel Elevation



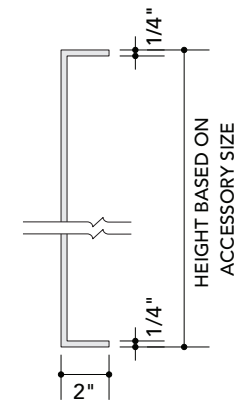
02 Side Elevation (2" x 2" Post) Elevation



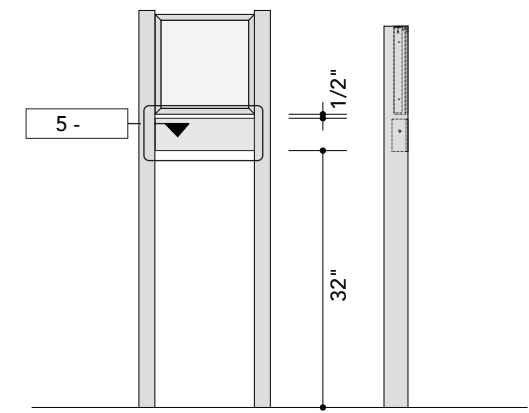
03 Front Elevation Elevation



04 Aluminum Post Connection Section



05 Plan View (2" x 2" Post) Plan View



06 Upright with Accessory Add On Panel Elevation

Scale: NTS

SIGN SPECIFICATIONS

Sign Type - TD-FP - Directional Post with Flush Panel

Material: 1/8" Thick Aluminum

Graphics Method:

Letter Style - Highway Gothic

Letter And Icon Color - PMS White

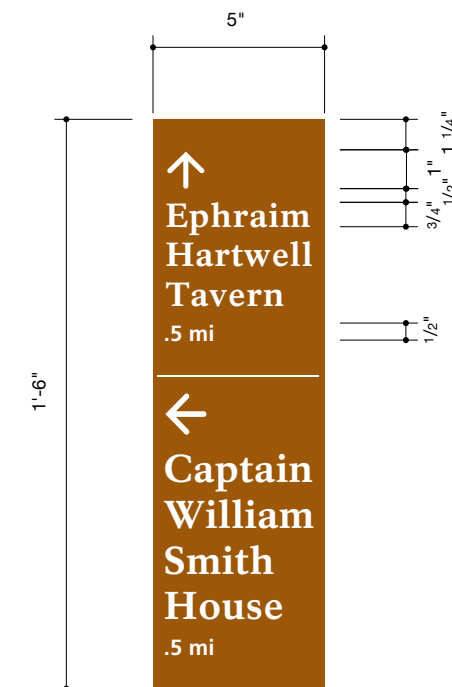
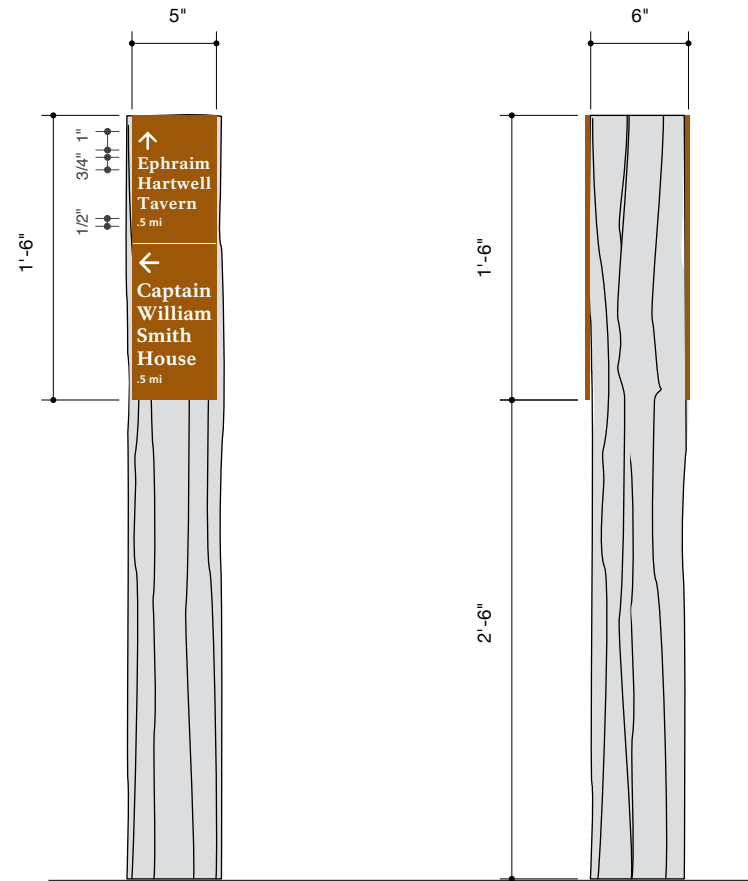
Background Method - Reflective White Vinyl

Background Method - Type II Retro-Reflective

Sheeting Applied Directly To Aluminum

6" X 6" Douglas Fir, Select Grade Dimensional

Timber Post Or Southern Yellow Pine



01 Sign Type - TD-FP - Directional Post with Flush Panel
Elevation / End View

02 Sign Type - TD-FP - Directional Post with Flush Panel
Elevation

Scale: 2" = 1' 0"



SIGN SPECIFICATIONS

Arrowhead Routing Details

3" thick HDU foam, 30lb density or greater. All non-routed areas remain at the surface level of the original material. Routed areas to be routed to a depth of 3/4". Material must be sealed and finished on all sides per manufacturer's specifications.

Match Colors:

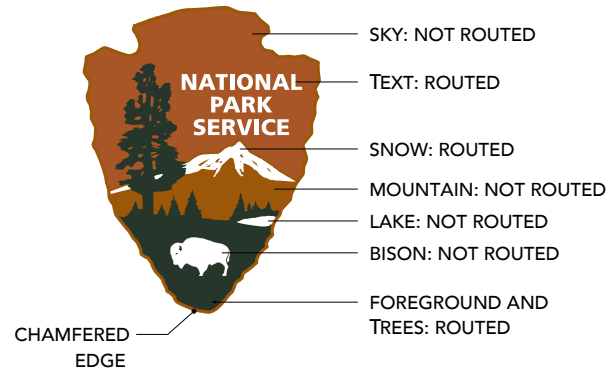


01 Sign Type - AH - Arrowhead - Wall Mounted
Elevation

02 Sign Type - AH - Arrowhead - Wall Mounted
End View

Scale: 1" = 1' 0"





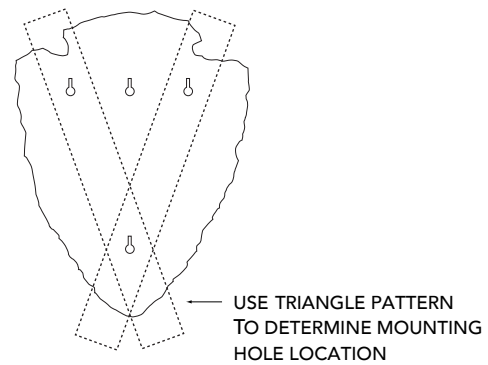
NPS ARROWHEAD ROUTING DETAILS

3" THICK HDU FOAM, 30LB DENSITY OR GREATER. ALL NON-ROUTED AREAS REMAIN AT THE SURFACE LEVEL OF THE ORIGINAL MATERIAL. ROUTED AREAS TO BE ROUTED TO A DEPTH OF 3/4". MATERIAL MUST BE SEALED AND FINISHED ON ALL SIDES PER MANUFACTURER'S SPECIFICATIONS.

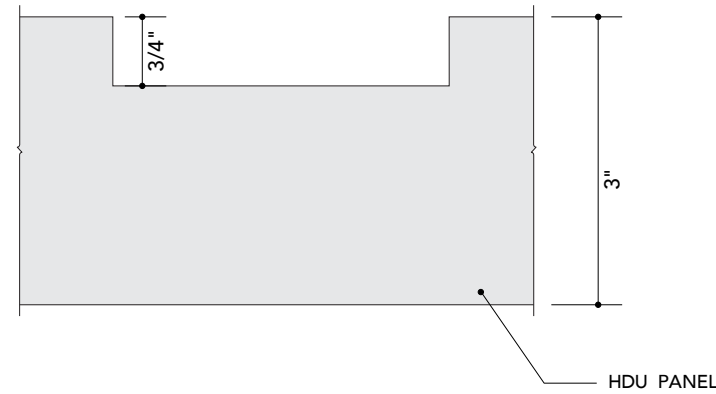
Match Colors:



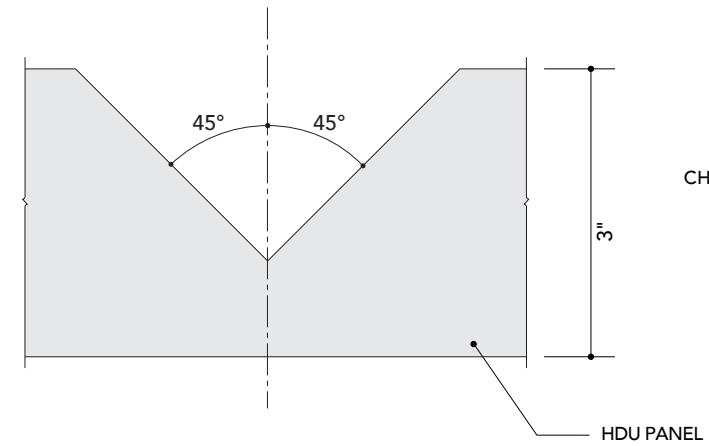
01 Sign Type - AH - Arrowhead - NPS Arrowhead Routing Details Detail



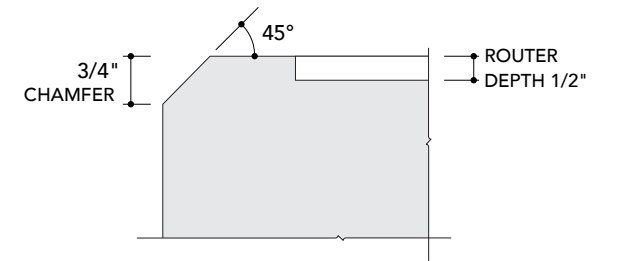
05 Sign Type - AH - Arrowhead - Arrowhead Mounting Detail Detail



02 Sign Type - AH - Arrowhead - Routed Frutiger Typography Section Cut Detail



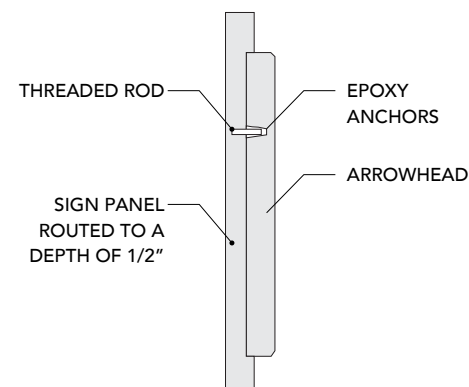
03 Sign Type - AH - Arrowhead - Routed NPS Rawlinson Typography Section Cut Detail



04 Sign Type - AH - Arrowhead - Arrowhead Chamfer Detail Detail

NPS ARROWHEAD ATTACHMENT TO PANEL

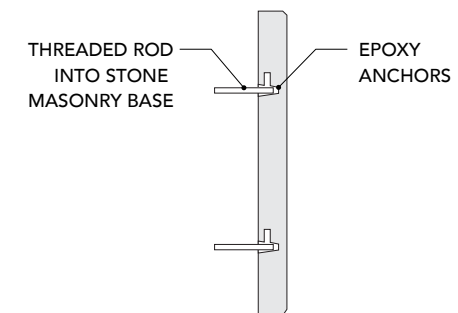
SIGN PANEL SHALL BE MACHINE-ROUTED TO A DEPTH OF 0.5" USING A VERTICAL-SIDED, FLAT-BOTTOM ROUTER BIT TO ACCEPT ROUTED, PAINTED NPS ARROWHEAD. ARROWHEAD SILHOUETTE ROUTED IN THE SIGN PANEL SHALL BE OVERSIZED BY 1/8" TO ACCOMMODATE INSET NPS ARROWHEAD. ARROWHEAD TO AFFIX TO SIGN PANEL USING THREADED RODS AND EPOXY WHICH MUST NOT BE VISIBLE.



06 Sign Type - AH - Arrowhead - Arrowhead Mounting Side Section Detail

NPS ARROWHEAD ATTACHMENT TO MASONRY BASE

ARROWHEAD TO AFFIX TO SIGN BASE USING THREADED RODS AND EPOXY WHICH MUST NOT BE VISIBLE.



07 Sign Type - AH - Arrowhead - Arrowhead Mounting Side Section Detail

Scale: NTS

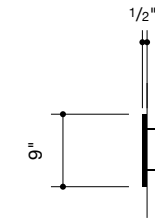
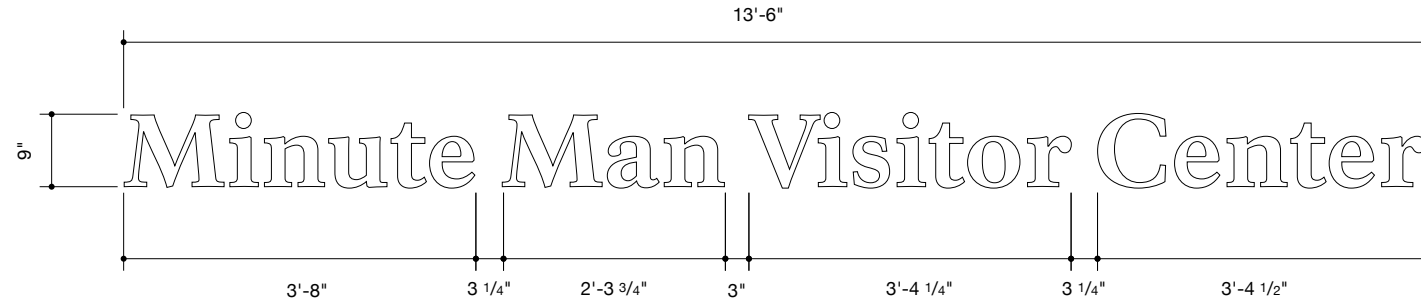


SIGN SPECIFICATIONS

CL - Cut Out Letters

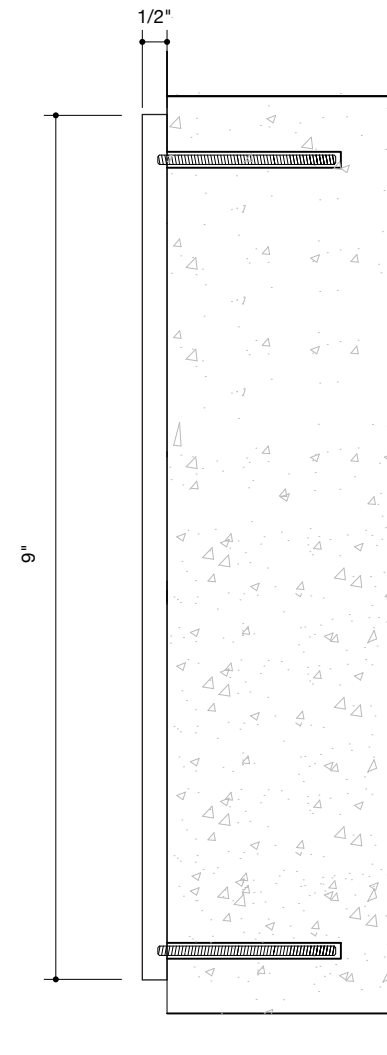
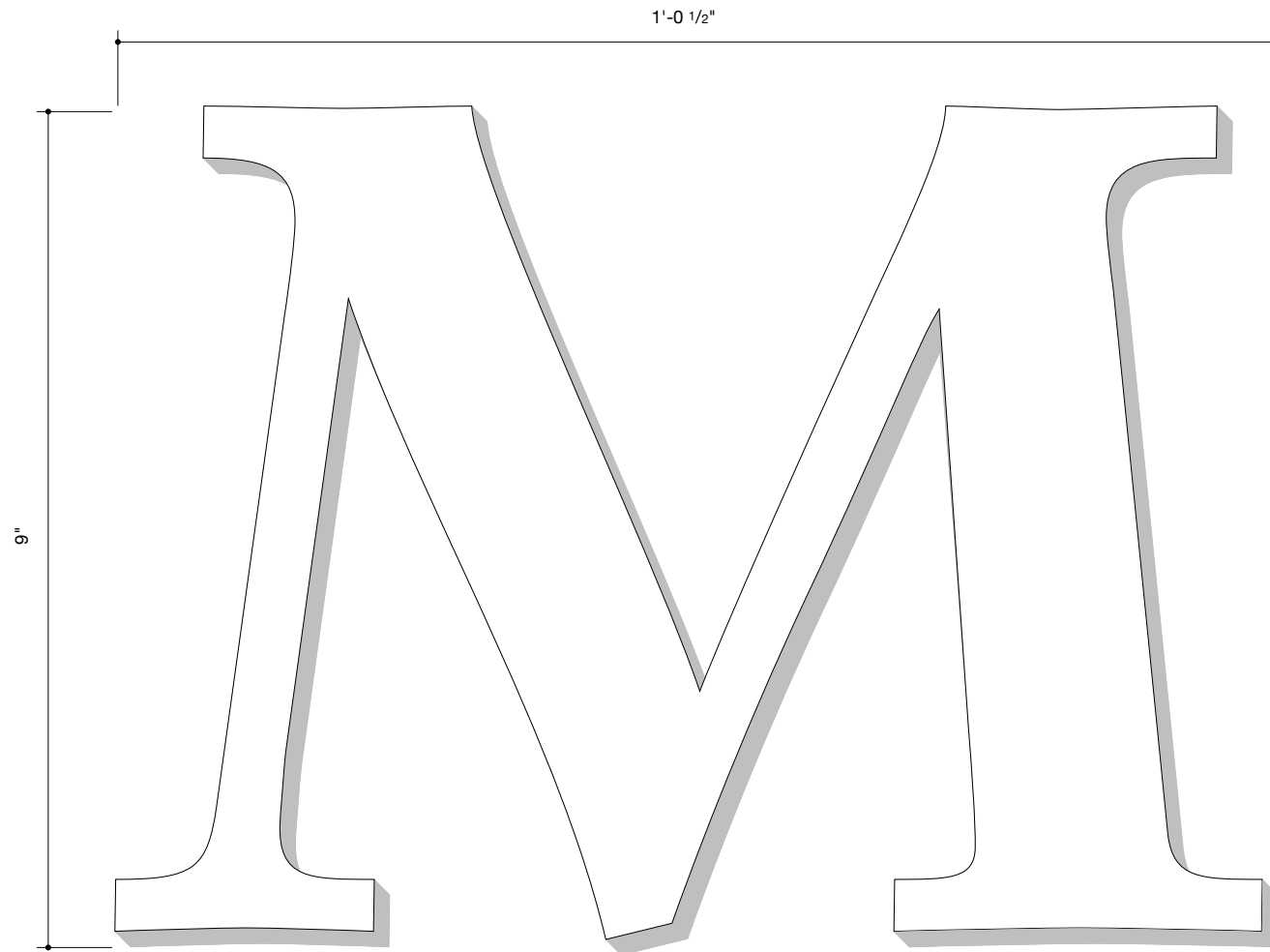
Material: 1/2" Thick Aluminum

Graphics Method:
 Letter Style - Rawlinson Ot Heavy
 Letter And Icon Color - PMS White
 Mount With - Stud Mount And Silicone
 Installer Pre Fill Holes With Silicone Prior To
 Installation
 Installer To Insure All Penetration Are Water
 Tight In
 External Locations



01 Sign Type - Building Signage - CL - Cut Out Letters
Elevation

02 Sign Type - Building Signage - CL - Cut Out Letters
End View



03 Sign Type - Building Signage - CL - Cut Out Letters
Elevation

04 Sign Type - Building Signage - CL - Cut Out Letters
Section

Scale: NTS





01 Sign Type - Building Signage - AH - Arrowhead - Wall Mounted & CL - Cut Out Letters
Elevation

Scale: NTS

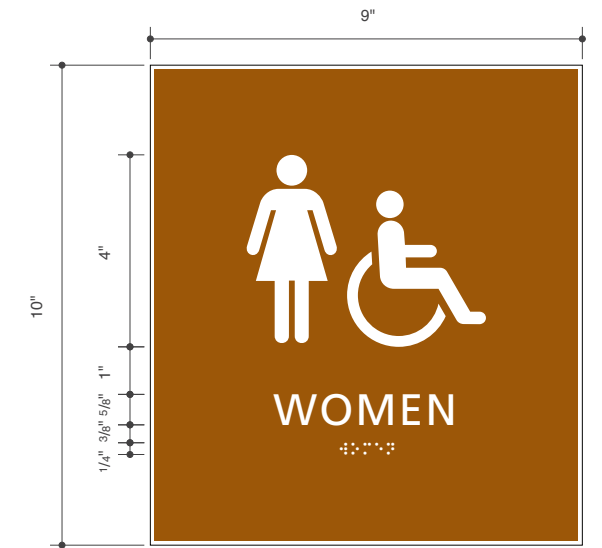


SIGN SPECIFICATIONS

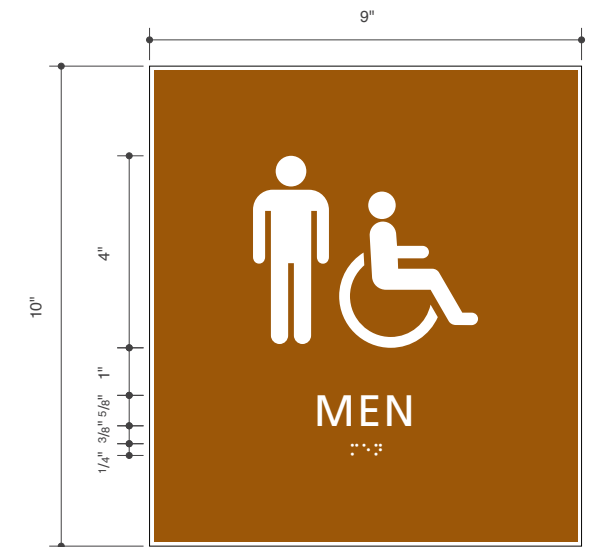
ADA - Tactile Restroom Signage

Material - 1/8" Thick Zinc

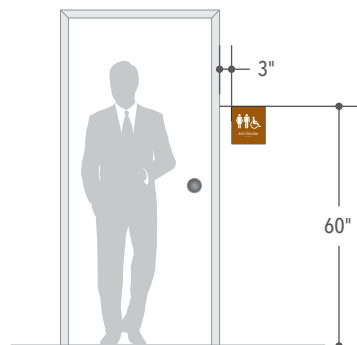
Graphics Method:
 Ruleline - Surface Screen
 Icon and Text - .062 Raised
 Raster Braille
 Letter Style - Frutiger LT
 Letter and Icon Color - PMS White
 Ruleline Color - PMS White
 Background Method - Surface Paint
 Background Color - NPS Brown - PMS-1615
 Mounting - VHB and Stud Mount to Wall



03 Sign Type - ADA - Tactile Restroom Signage (WOMEN)
Elevation



04 Sign Type - ADA - Tactile Restroom Signage (MEN)
Elevation



Mounting (Scale: NTS)

01 Sign Type - ADA - Tactile Restroom Signage
Elevation

02 Sign Type - ADA - Tactile Restroom Signage
End View

Scale: 1/2" = 1"

