

Mammoth Lakes Recreational Signage & Wayfinding System

Design Intent Drawings for Trail & Node Signage Design Guideline

December 16, 2009

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The Town of Mammoth Lakes California

Prepared by

corbindesign






109 East Front 304
Traverse City, MI 49684
231 **947.1236**

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These drawings are considered design-intent and are not for construction. Written dimensions on these drawings have precedence over scaled dimensions. The further development and engineering of the design-intent drawings is expected to be shown in the Fabricator’s submitted shop drawings. Contractors shall verify and be responsible for all dimensions and conditions on the job. Corbin Design should be notified of any variations from the dimensions and conditions shown by these drawings prior to the execution of any work, including changes to graphic designs or typography.


COLOR PALETTE

Fabricator is responsible for supplying samples for all colors within the palette.

					
	01 Town of Mammoth Lakes	02 US Forest Service	03 Mammoth Resort	04 White	05 Brown
Pantone Matching System:	---	---	---	---	---
Matthews Paint:	MP06916	MP00811	MP07455	MP11477	MP00857
Exterior grade opaque vinyl:	---	---	---	White 7125-10	---

Steel Specifications

Fabricator is responsible for supplying samples for all colors within the palette.

	Steel Type:	Structural Steel	Steel Supplier:	IMS Industrial Metal Supply Company 8300 San Fernando Rd. Sun Valley, CA 91352Phone: 818-729-3333 Fax: 818-729-3334 Email: www.imsmetals.com Contact: Neil Sherman
	Surface Treatment:	Lightly wire brush to remove scale. Clean with acetone to remove construction markings.		
	Finish:	Natural, wiped with light coat of oil		
06 Steel Finish	Fasteners:	Steel with blackened finish		

TYPOGRAPHY (Editable)

Fabricator is responsible for acquiring project related fonts.

Century Gothic Bold Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz 1 2 3 4 5 6 7 8 9 0	Century Gothic Regular Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz 1 2 3 4 5 6 7 8 9 0	Clearview Highway 1B Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz 1 2 3 4 5 6 7 8 9 0
---	--	--

SYMBOLS

Designer will provide scalable electronic artwork for all symbols in a vector art (outlined) format.

All symbols used in this program have been approved by the National Park Service and can be downloaded from their website www.nps.gov/hfc/carto/map-symbols.htm (except "Information" symbol).

											
Hiking	Dogs on Leash	Cross-Country Ski Trail	Snow Shoe	Restrooms	Picnic Area	Cycling	Public Parking	Do Not Enter	Arrow	Information*	Accessible Symbol

LOGOS

Designer will provide scalable electronic artwork for all logos in a vector art (outlined) format.

	
U. S. Forest Service	the Town of Mammoth Lakes

Fabricator is responsible for matching all colors and materials as specified and are required to provide color and material samples to Corbin for approval.

CAUTION!
CONSISTENT AND ACCURATE COLOR REPRODUCTION
IN THIS DOCUMENT CANNOT BE ASSURED DUE TO THE
LIMITATIONS OF COLOR COPYING TECHNOLOGY.

The Coated Pantone Matching System®, Matthews and/or Akzo Nobel Paint system is used for specifying signage color matches. (In the absence of actual sign material color chip reference sets, actual specified product color swatches should be referenced for color matching.)

Shown here are approximations of the primary signage background colors and supporting accent colors. Actual color finishes on signage must be matte or low luster (not shiny or glossy) and exclusively a premium acrylic polyurethane.

Signage paints produced by MPC Matthews Paint and Akzo Nobel Paint Company are to be the standard reference.

Vinyl Films from 3M and Avery Graphics are to be the standard.

Color application varies per sign type. Refer to drawings for appropriate application.

Sign Type

Graphic Standards

Scale

n.t.s.

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Resort
- 04 White
- 05 Brown
- 06 Steel Finish

Notes

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Date	Description
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03.03.09	Design Intent
----------	---------------

Client

The Town of Mammoth Lakes

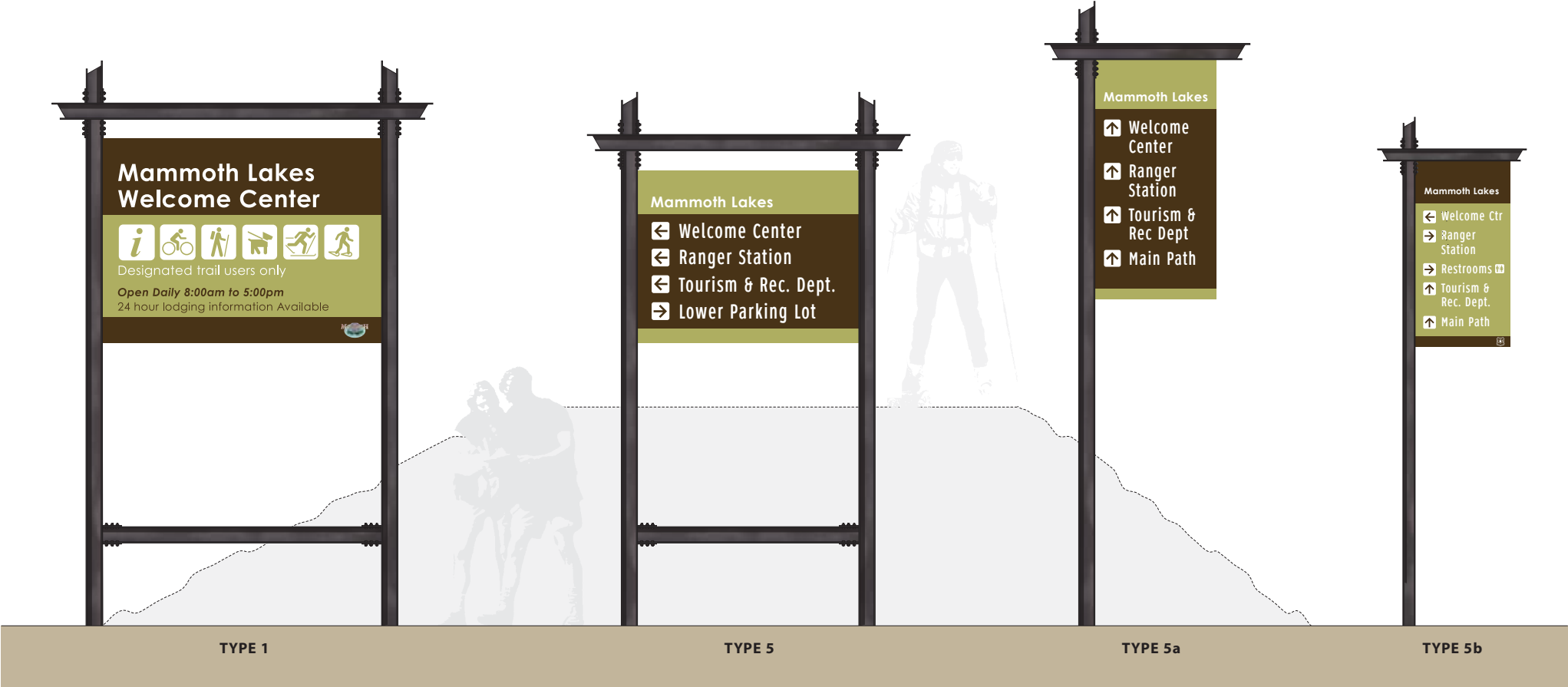
California



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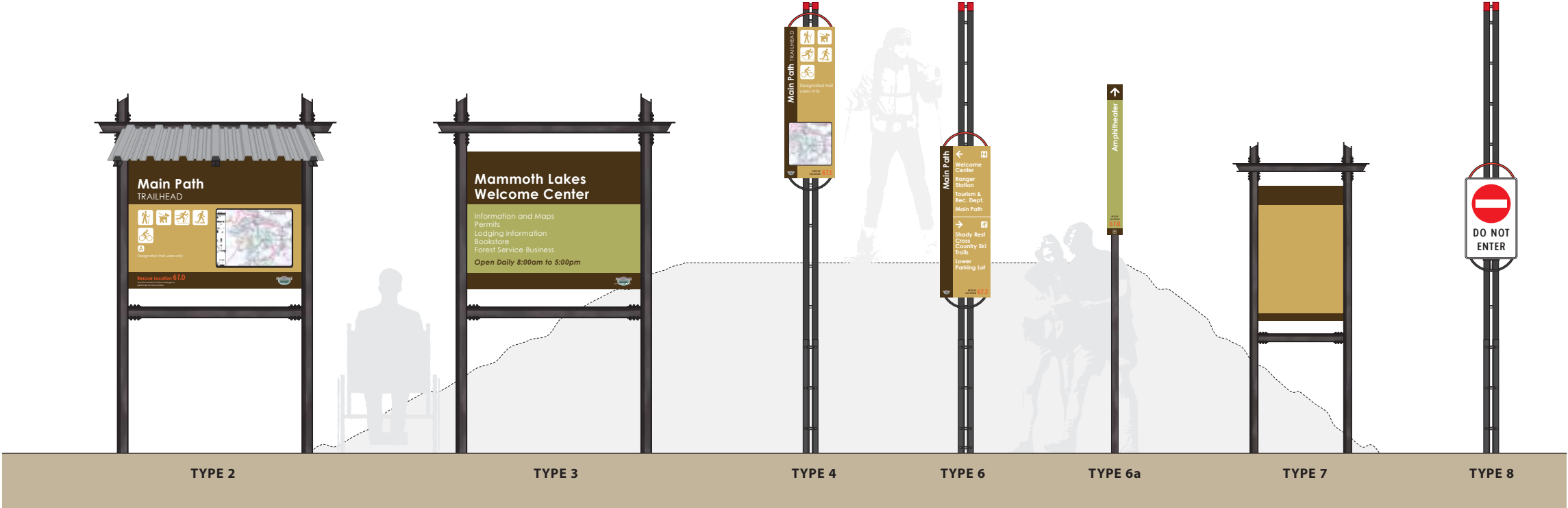


Portal Identification Marker

Vehicular Guide (horizontal)

Vehicular Guide (vertical)

Pedestrian Guide



Trail Information Kiosk

Park ID Marker

Access/Egress Information Sign

Trail Guide (primary)

Trail Guide (secondary)

Interpretive Kiosk

Regulatory

Sign Type

Sign Type Array

Scale

n.t.s.

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish

Notes

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Date Description

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MECHANICAL ASSEMBLY DETAIL

FABRICATOR TO PROVIDE
COORDINATED SHOP DRAWINGS
FOR ENGINEER/OWNER REVIEW
AND ACCEPTANCE.

MECHANICAL FASTENERS
Steel nuts, washers and bolts. Bolts to not
extend beyond nut by more than 1/2".
All bolt heads to face inside of beam.
All fasteners to have blackened finish.

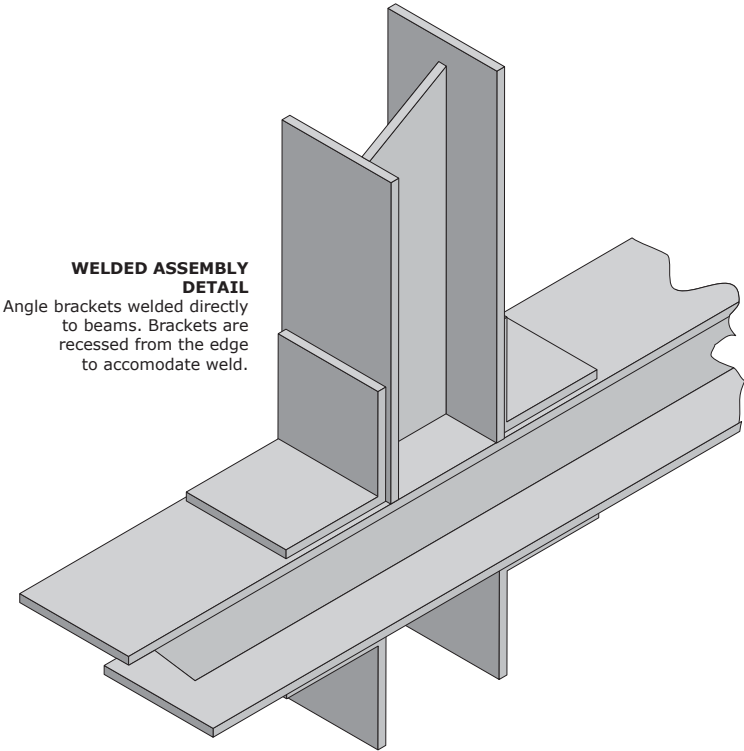
POST EXTENSION
Structural steel wide flange beam with
custom cut decorative end detail

STRUCTURAL BEAMS
Structural steel wide flange beam.

MOUNTING BRACKET
Steel plates welded to beam.
Plate thickness to match steel
beam wall thickness.

UPPER CROSS MEMBER
Structural steel wide flange beam with
custom cut decorative end detail

BID ALTERNATE



**WELDED ASSEMBLY
DETAIL**
Angle brackets welded directly
to beams. Brackets are
recessed from the edge
to accomodate weld.

Concept design inspiration



Concept design inspiration



Sign Type

Post and Beam Assembly
Details

Scale

n.t.s.

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish

Notes

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method or other details must be approved
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Lakes, California.

Date	Description
03.03.09	Design Intent

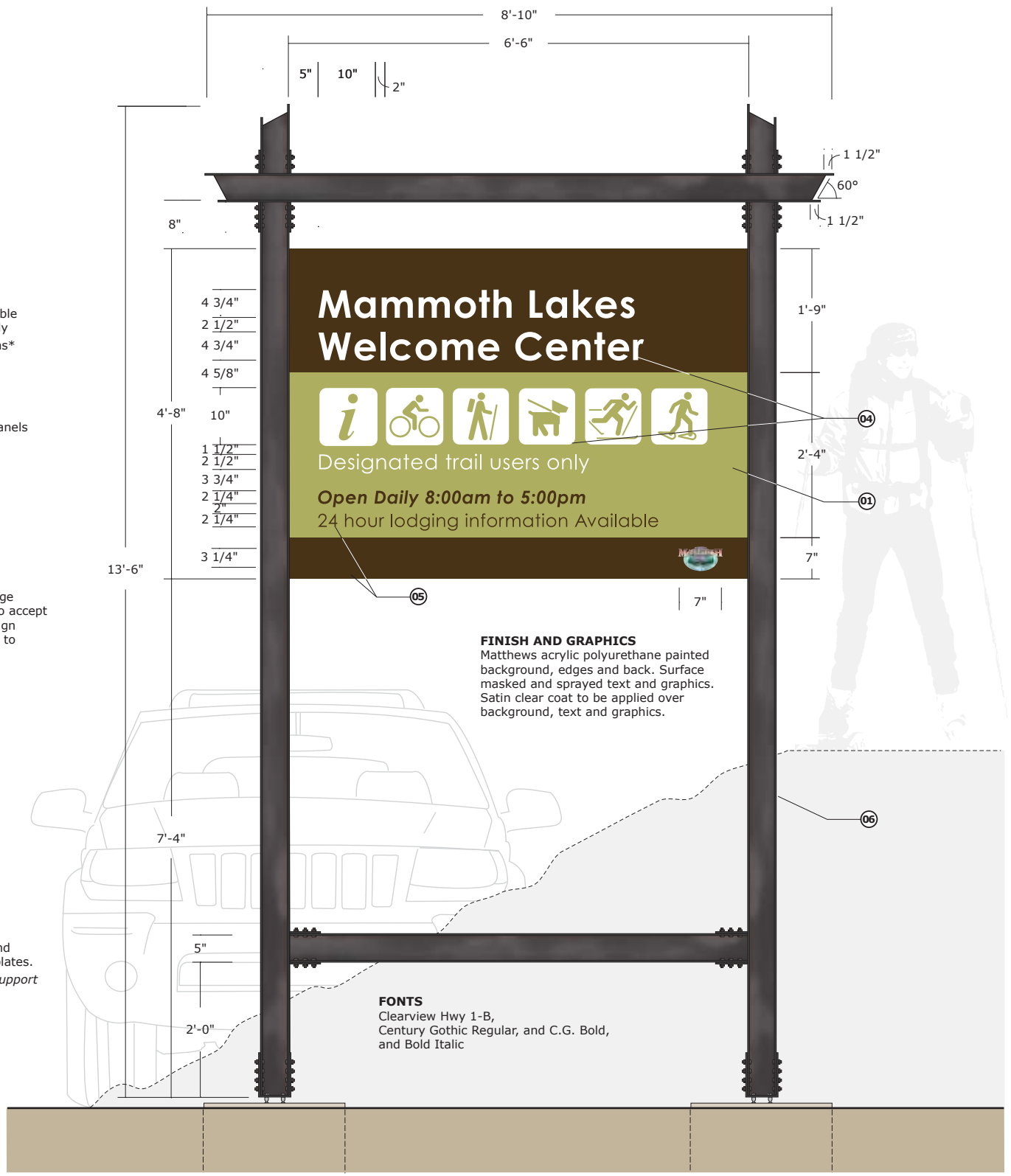
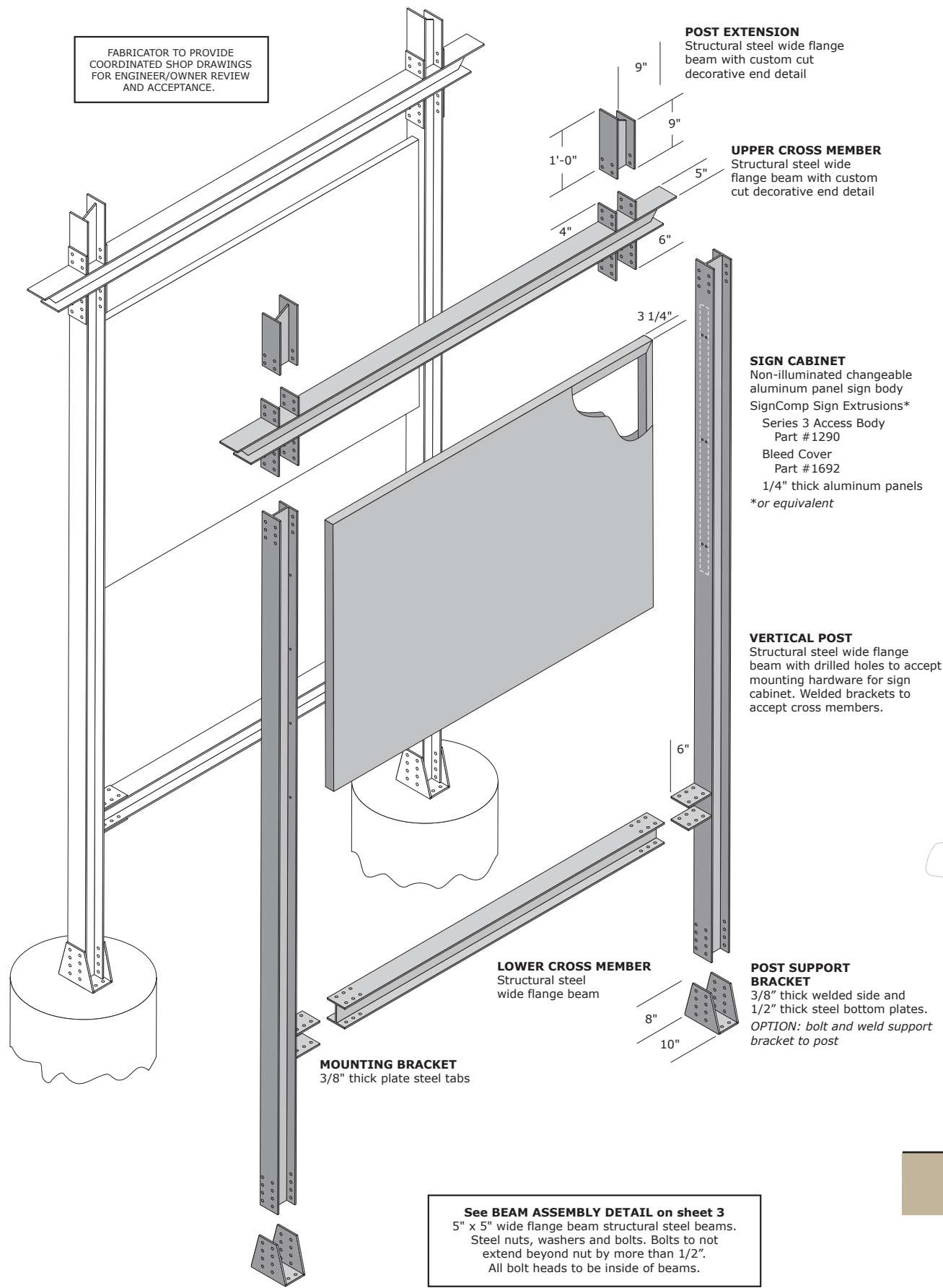
Client

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Sign Type

TYPE 1
Portal identification Marker

Scale

1/2" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish

Notes

5" x 5" steel beam construction

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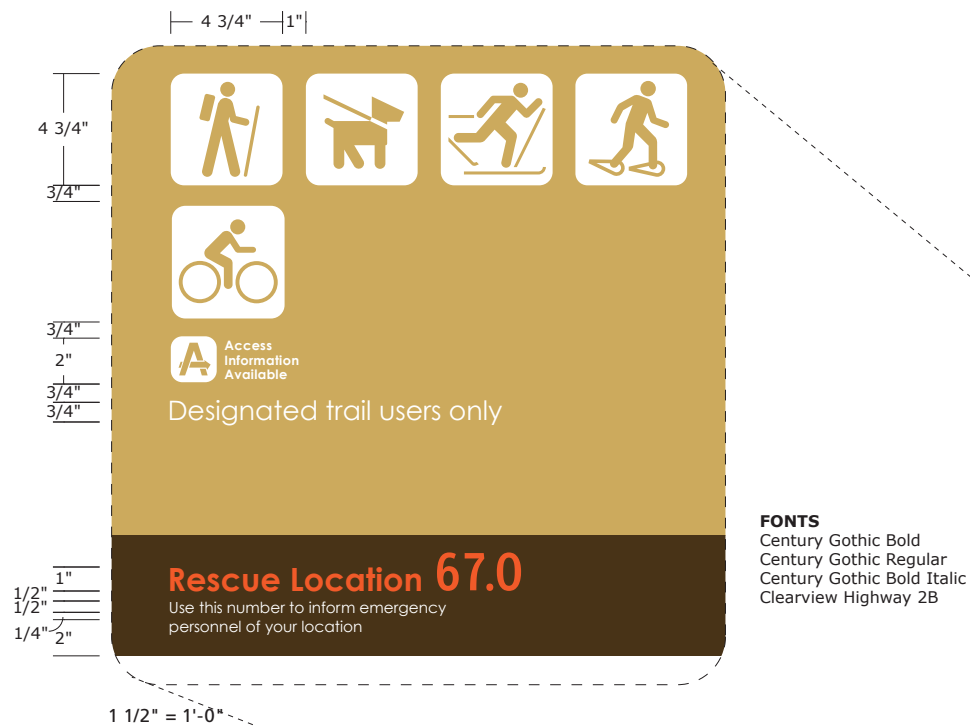
Date Description

03.03.09 IDesign Intent

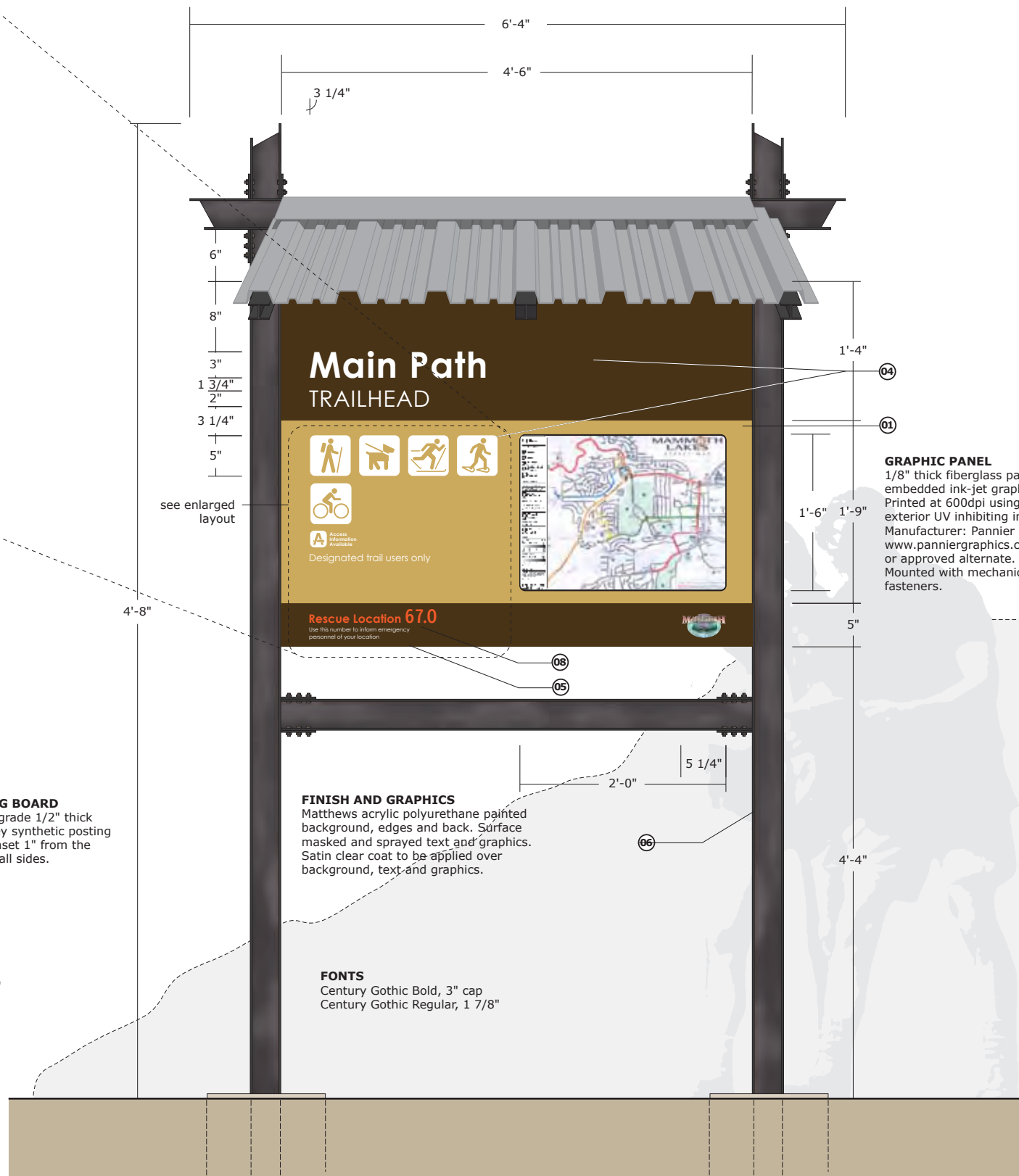
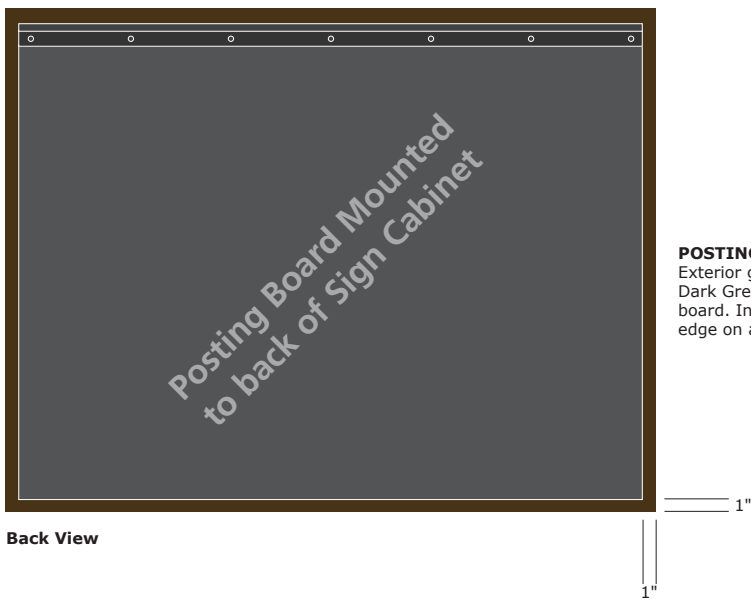
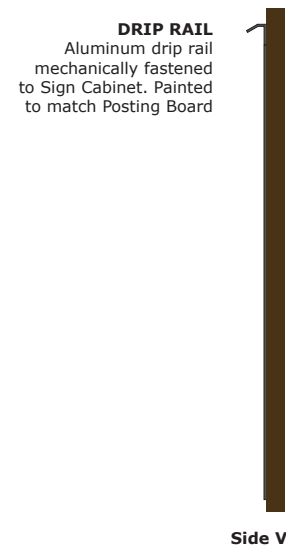
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EXPLODED VIEW
See Type 3 Exploded View Sheet



Sign Type

TYPE 2 Elevation
Trail Information Kiosk

Scale

3/4" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish
- 07 Red
- 08 Orange
- 09 Black

Notes

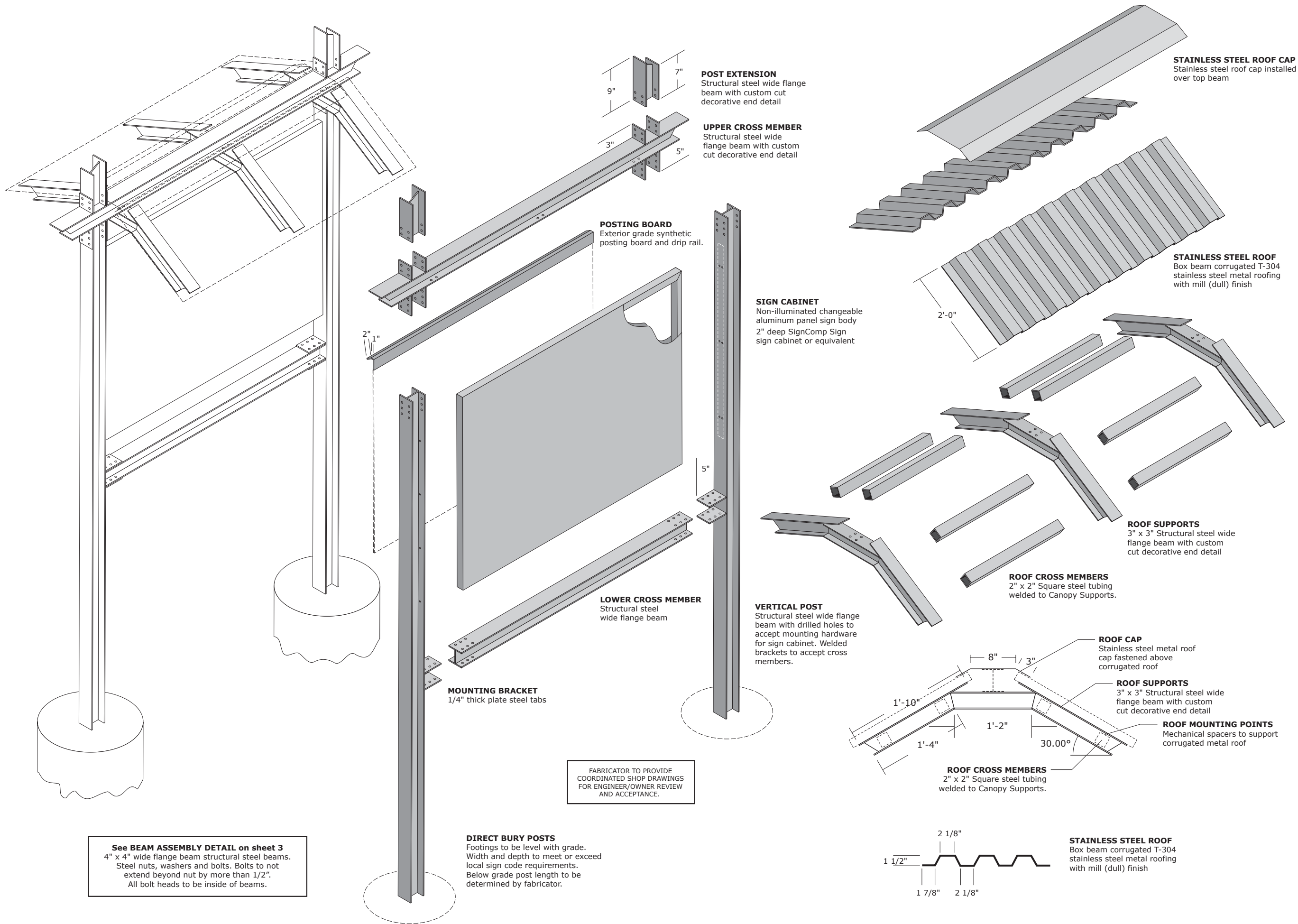
4" x 4" steel beam construction
3" x 3" steel beam canopy supports

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California



Sign Type

TYPE 2 Exploded View

Trail Information Kiosk

Scale

3/4" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish
- 07 Red
- 08 Orange
- 09 Black

Notes

4" x 4" steel beam construction
3" x 3" steel beam canopy supports

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Date Description

03.03.09 Design Intent

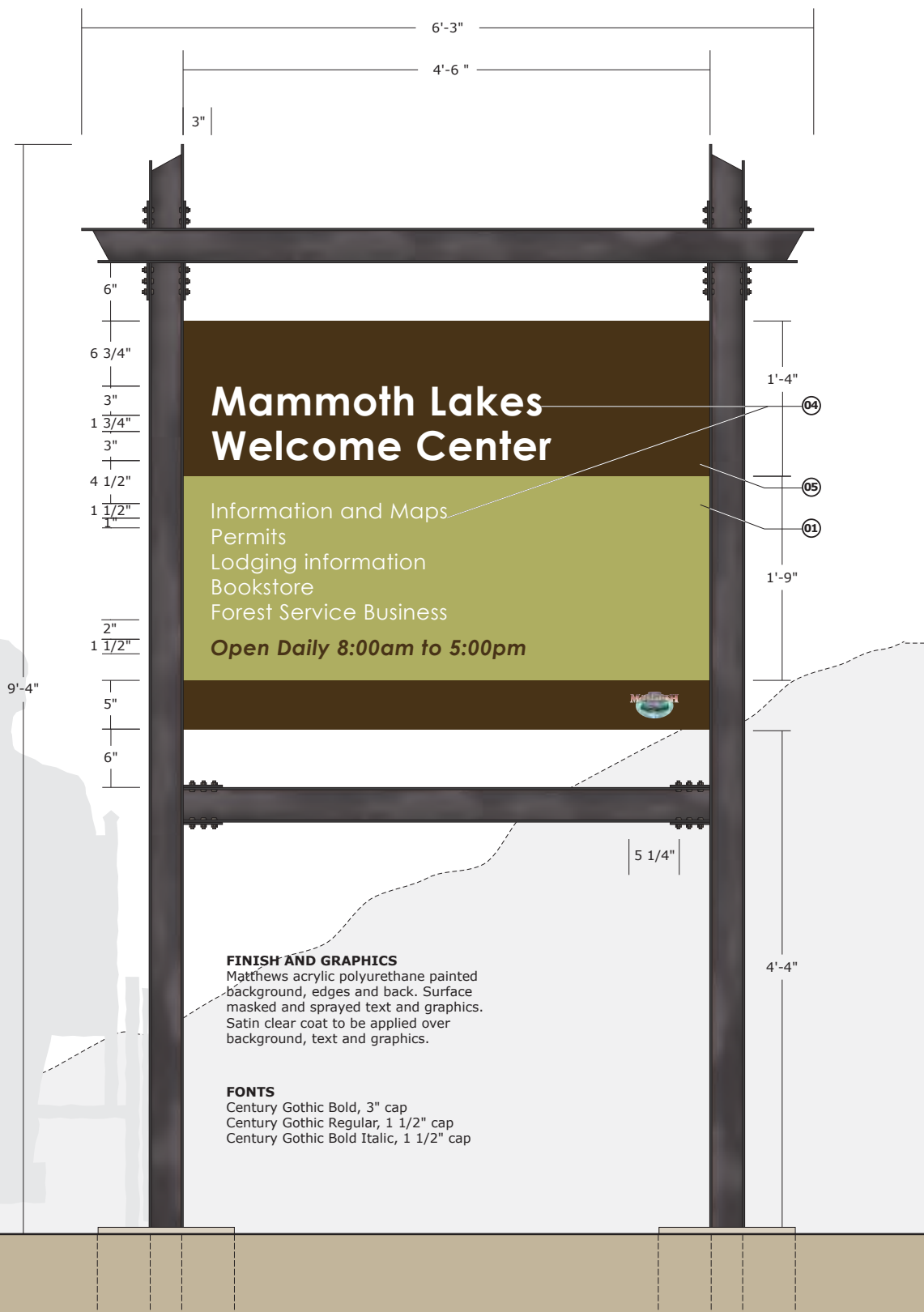
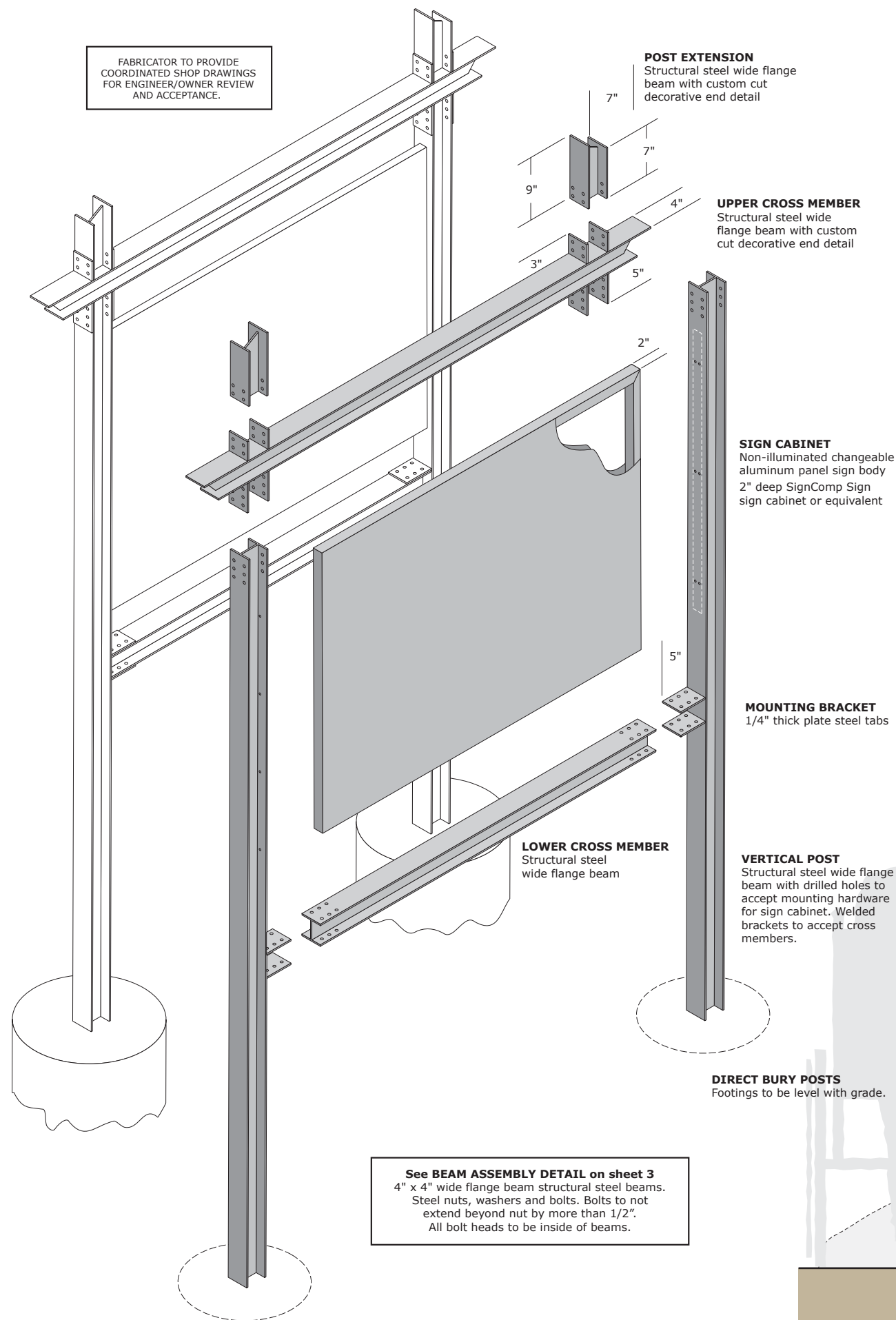
Client

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Sign Type

TYPE 3

Park ID Marker

Scale

3/4" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish
- 07 Red
- 08 Orange
- 09 Black

Notes

4" x 4" steel beam construction

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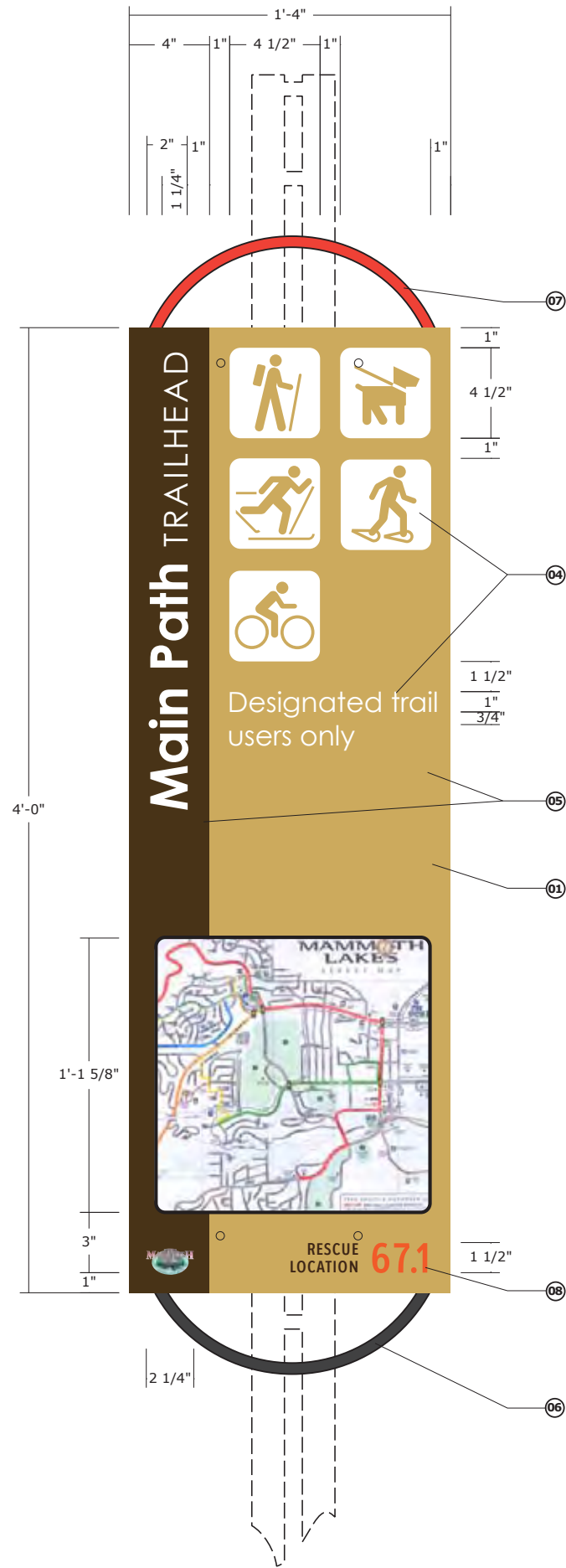
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FONTS
Century Gothic Bold
Century Gothic Regular
Century Gothic Bold Italic
Clearview Hwy 2-B

POST & FRAME DETAILS
Please see "Post for Adjustable Height Sign Types" and "Frame for Adjustable Height Sign Types" pages at the end of this document.

FINISH AND GRAPHICS
Matthews acrylic polyurethane painted background, edges and back. Surface masked and sprayed text and graphics. Satin clear coat to be applied over background, text and graphics.

GRAPHIC PANEL
1/8" thick fiberglass panel with embedded ink-jet graphics. Printed at 600dpi using exterior UV inhibiting inks. Manufacturer: Pannier www.panniergraphics.com or approved alternate. Mounted with mechanical fasteners.

Sign Type

TYPE 4
Access/Egress Information Sign

Scale

1 1/2" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish
- 07 Red
- 08 Orange
- 09 Dark Gold

Notes

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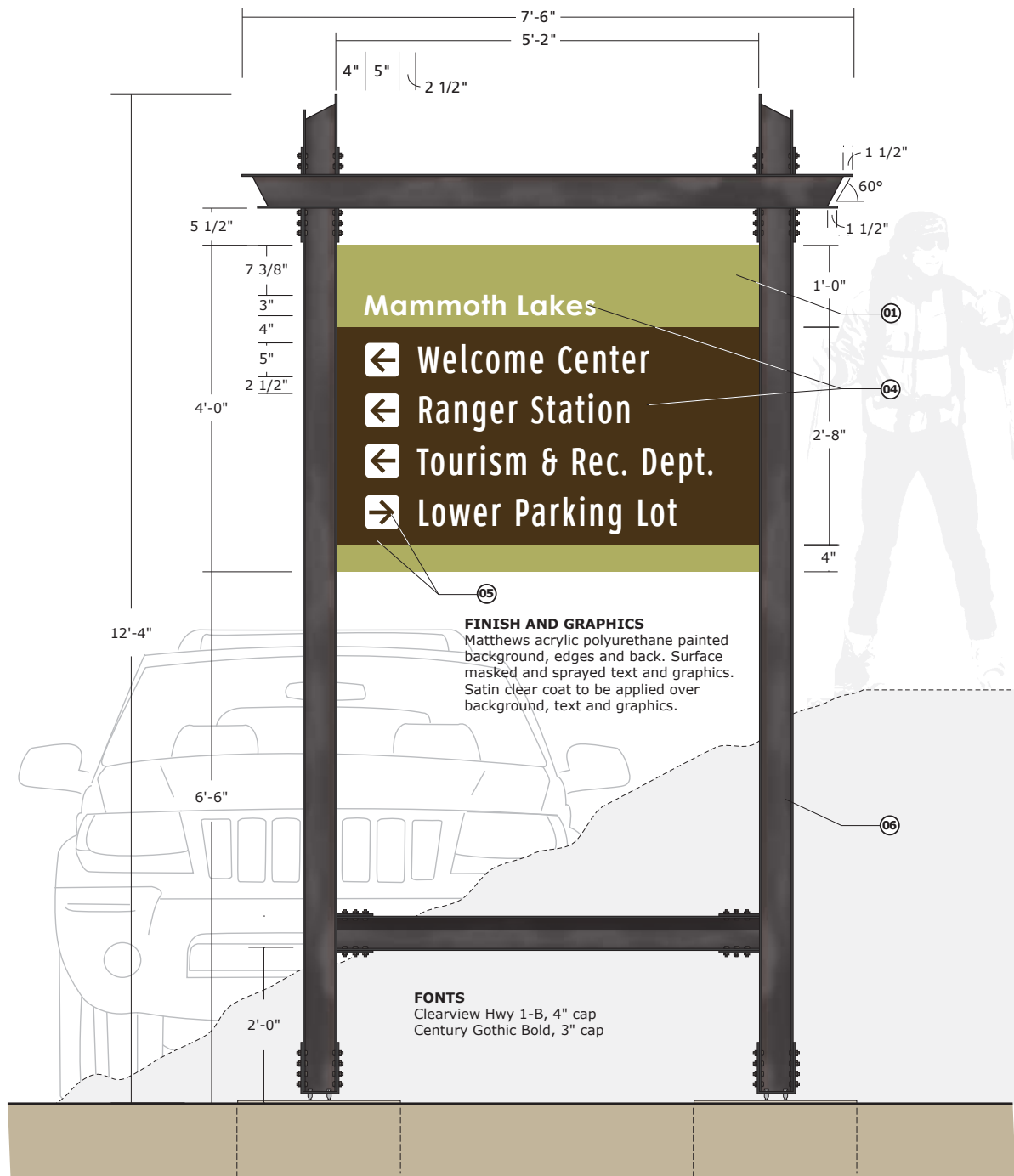
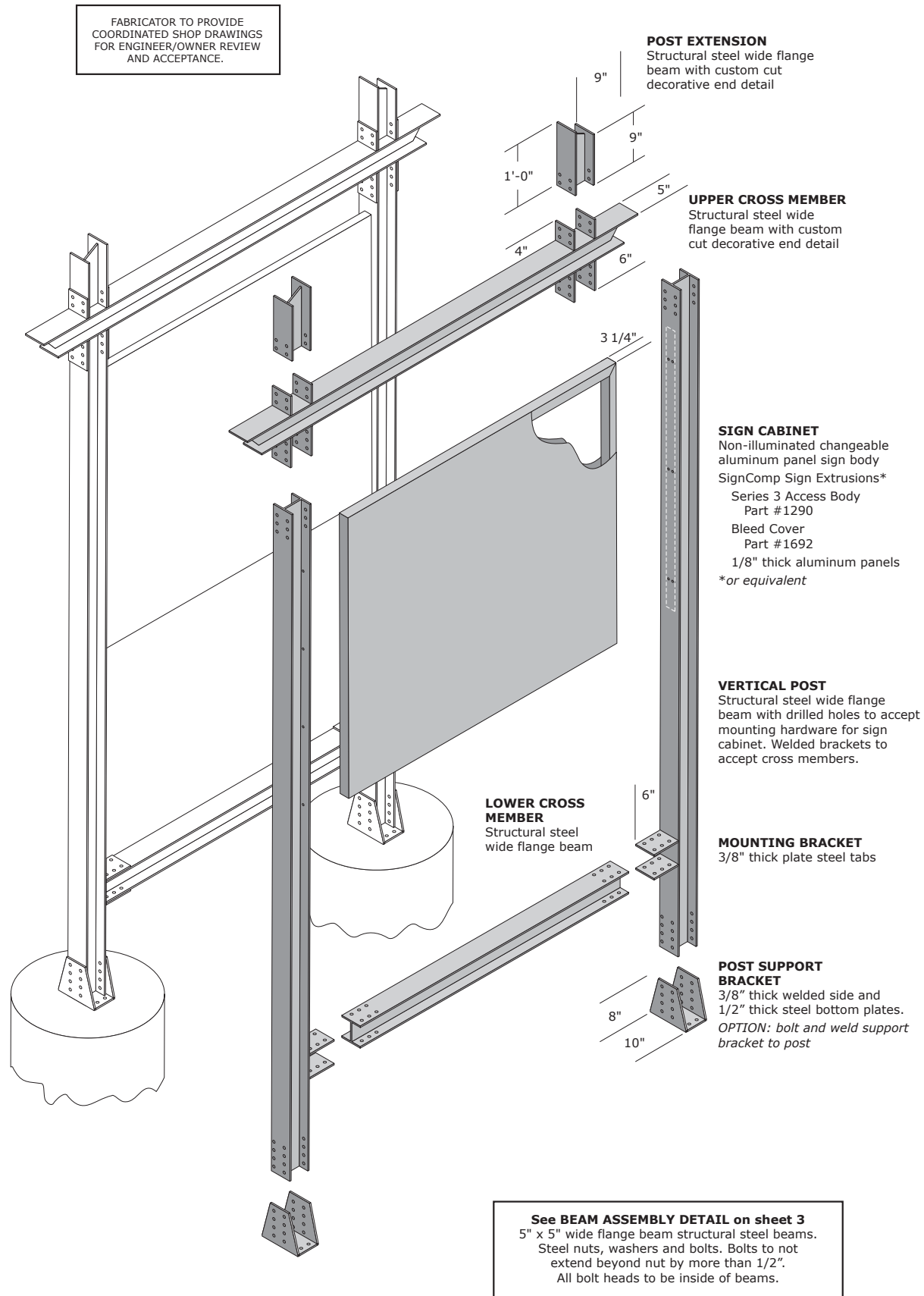
Date	Description
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Sign Type

TYPE 5
Vehicular Guide (horizontal)

Scale

1/2" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish

Notes

5" x 5" steel beam construction

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Date Description

03.03.09 Design Intent

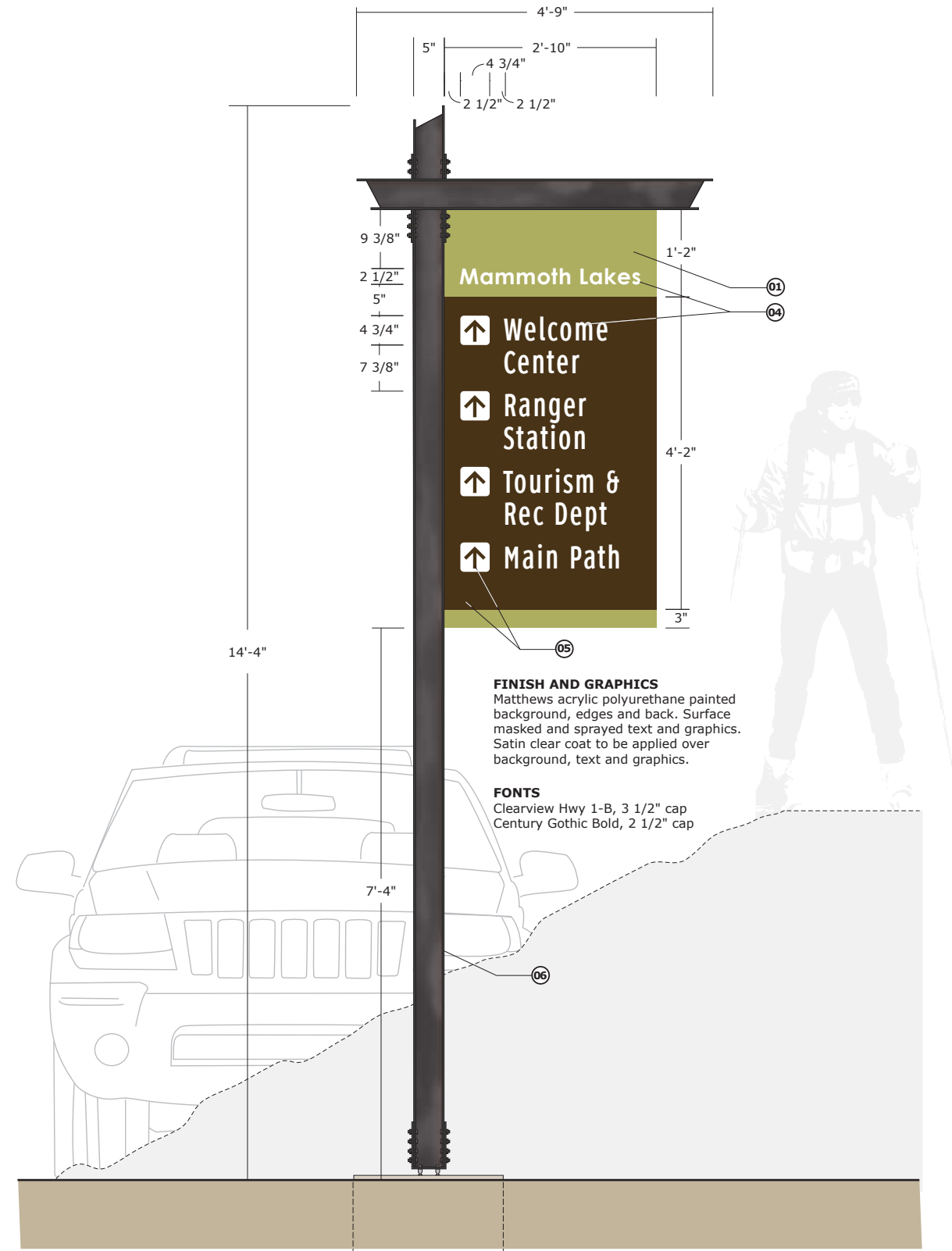
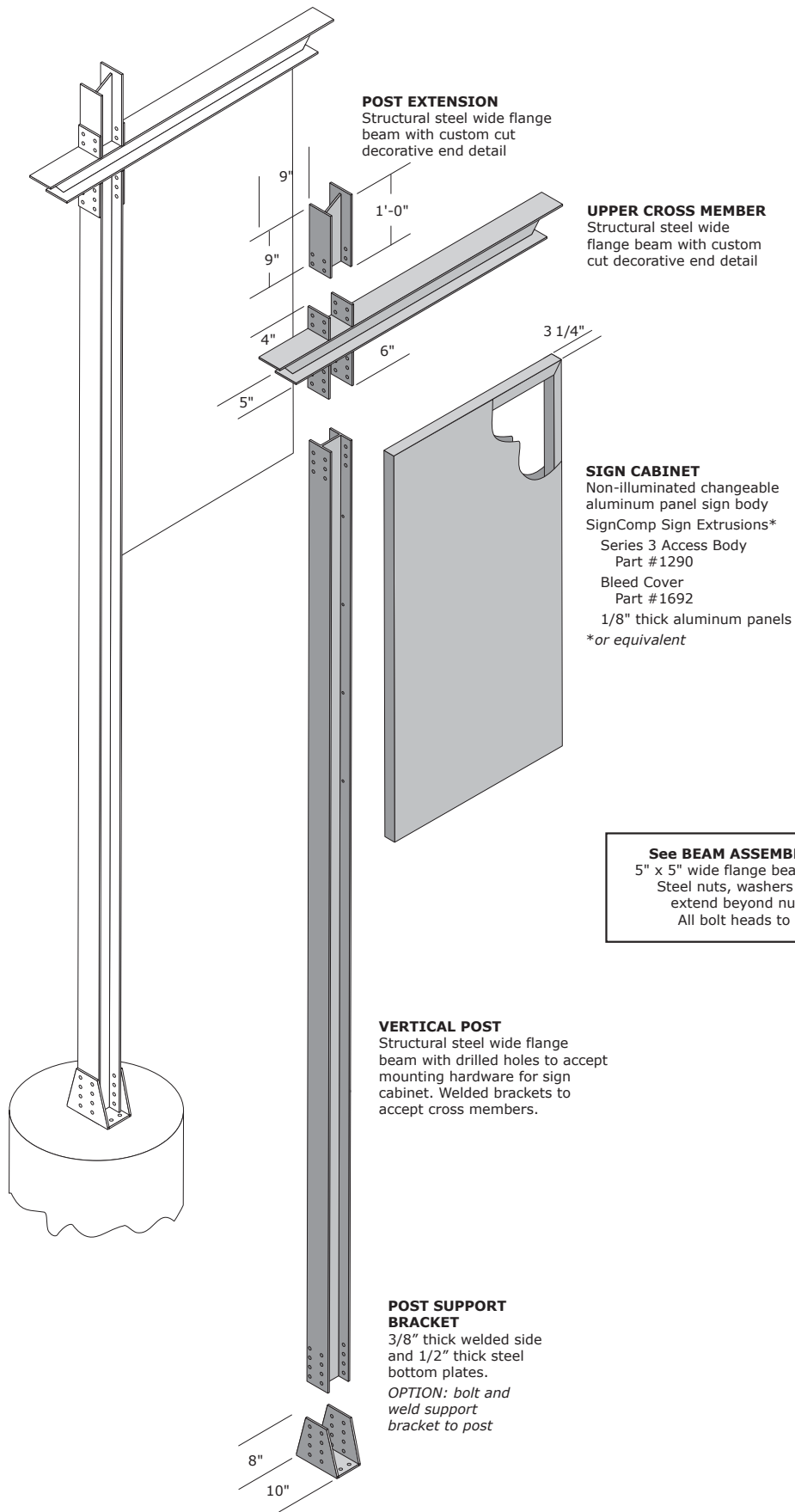
Client

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FABRICATOR TO PROVIDE
COORDINATED SHOP DRAWINGS
FOR ENGINEER/OWNER REVIEW
AND ACCEPTANCE.



Sign Type

TYPE 5a
Vehicular Guide (vertical)

Scale

1/2" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain White
- 04 Brown
- 05 Steel Finish
- 06

Notes

5" x 5" steel beam construction

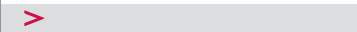
This drawing is design-intent only. Fabricator is responsible for engineering, fabrication and overall level of quality. Any changes in design, materials, fabrication method or other details must be approved by Corbin Design and the Town of Mammoth Lakes, California.

Date Description

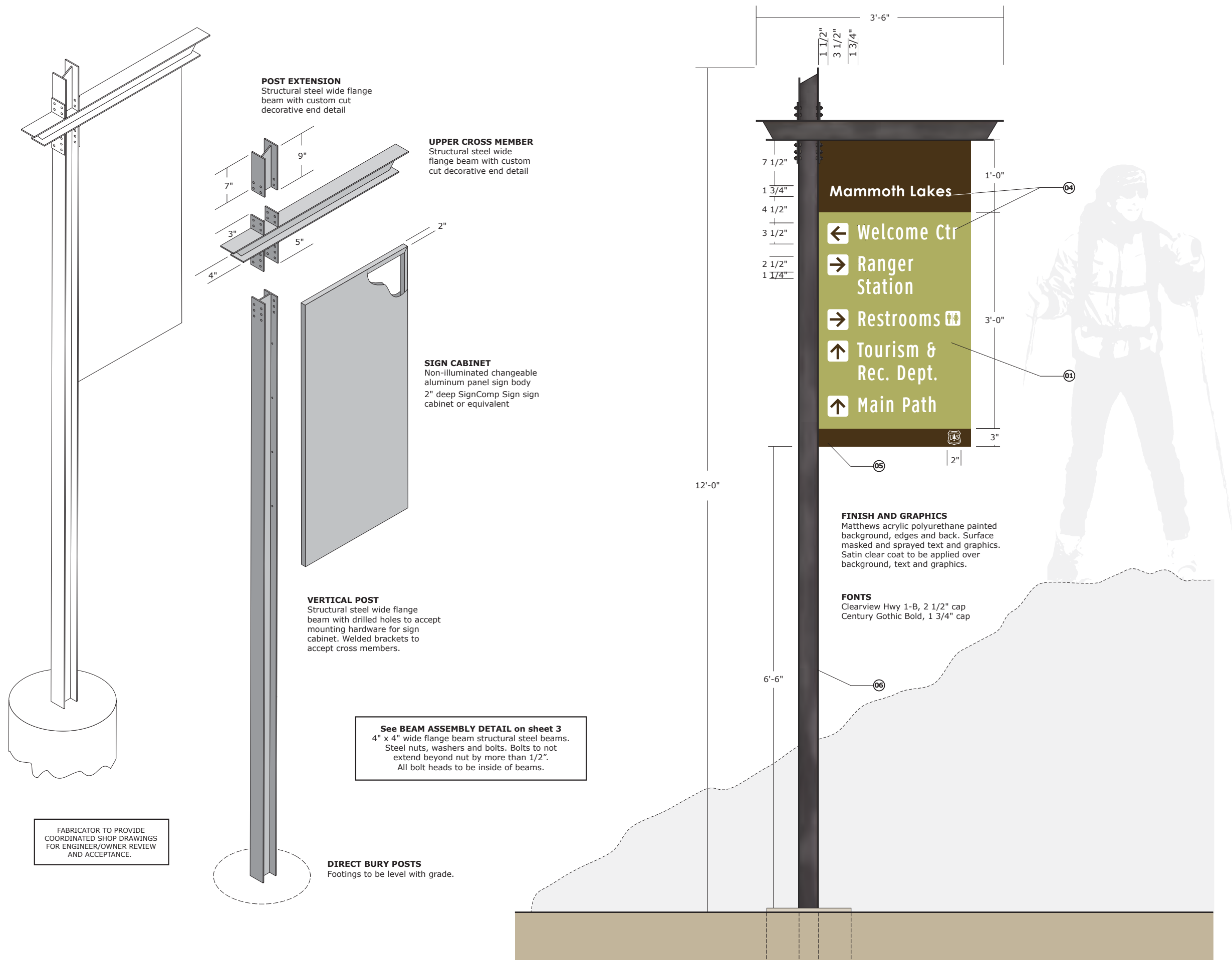
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Sign Type

TYPE 5b
Pedestrian Guide

Scale

3/4" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish

Notes

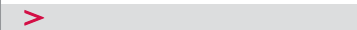
4" x 4" steel beam construction

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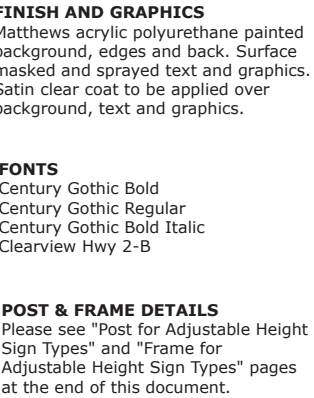
Date	Description
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Client

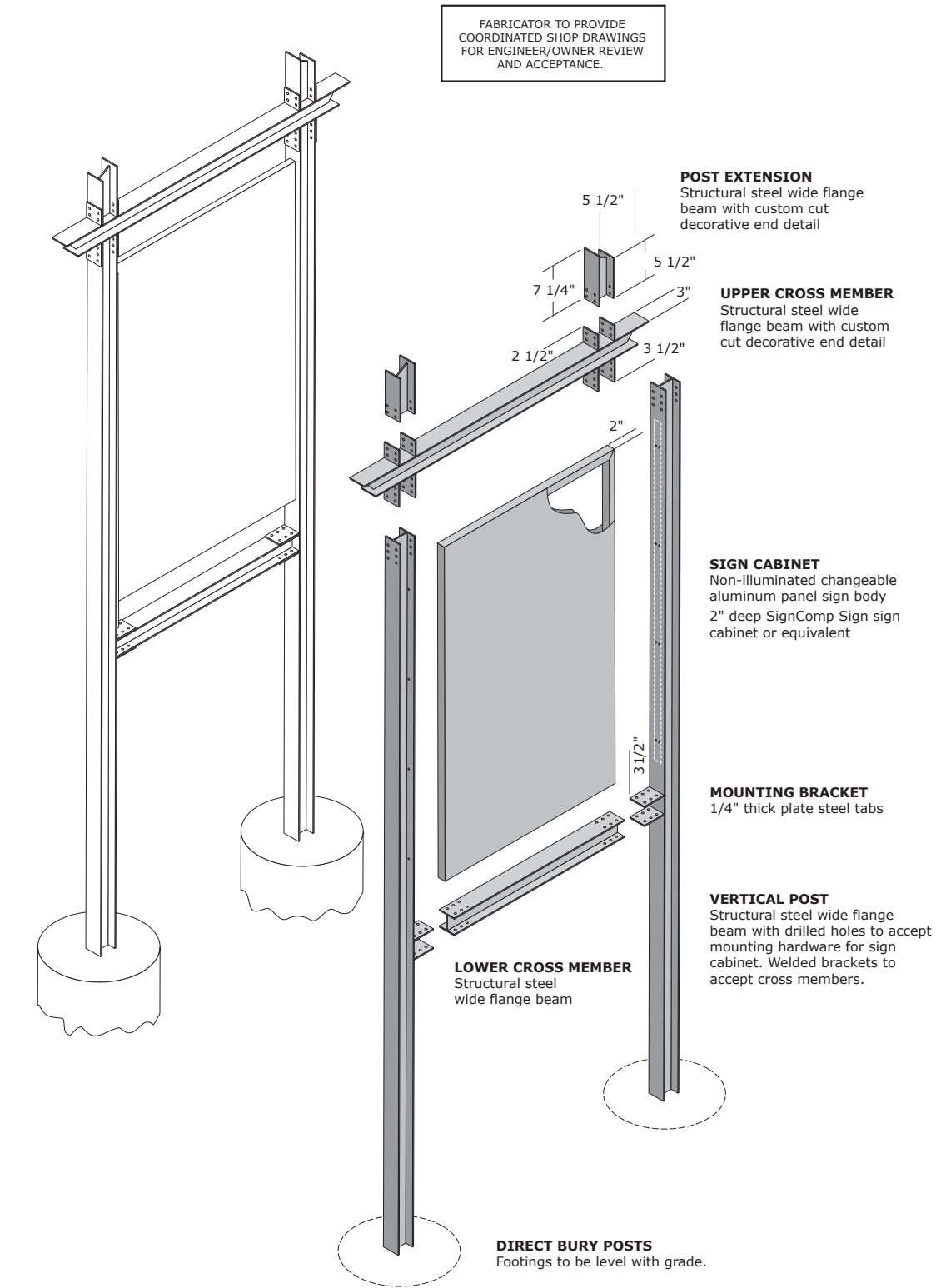
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California



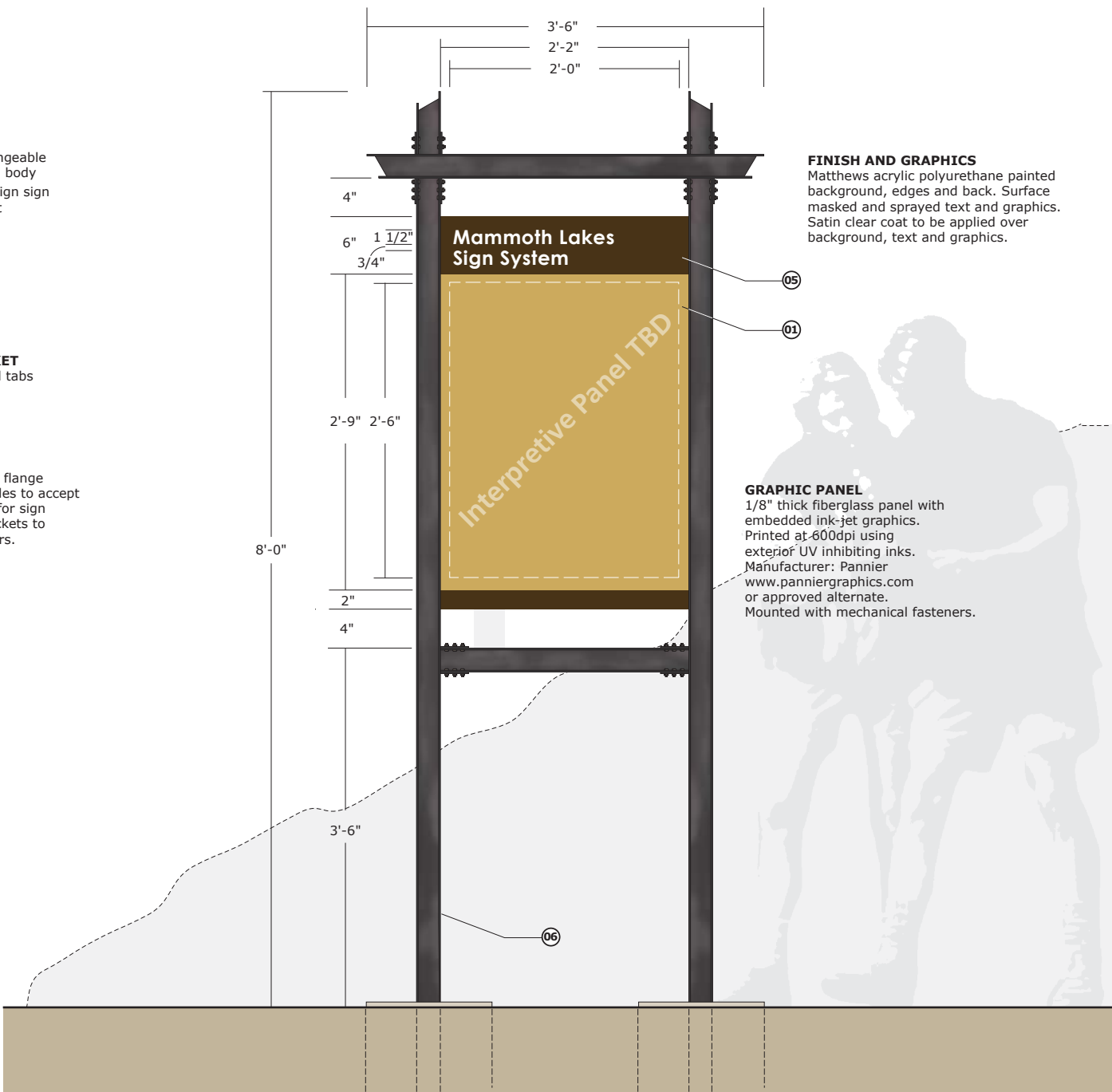
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Sign Type	
TYPE 6	
Trail Guide (primary)	
Scale	
1 1/2" = 1'-0" (on an 11 x 17 sheet)	
Color Code	
01	Town of Mammoth Lakes
02	US Forest Service
03	Mammoth Mountain
04	White
05	Brown
06	Steel Finish
07	Red
08	Orange
08	Dark Gold
Notes	
<p>This drawing is design-intent only. Fabricator is responsible for engineering, fabrication and overall level of quality. Any changes in design, materials, fabrication method or other details must be approved by Corbin Design and the Town of Mammoth Lakes, California..</p>	
Date	Description
03.03.09	Design Intent
Client	
The Town of Mammoth Lakes California	
>	
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See BEAM ASSEMBLY DETAIL on sheet 3
3" x 3" wide flange beam structural steel beams.
Steel nuts, washers and bolts. Bolts to not extend beyond nut by more than 1/2".
All bolt heads to be inside of beams.



Sign Type

TYPE 7

Interpretive Kiosk

Scale

3/4" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish
- 07 Red
- 08 Orange
- 09 Black

Notes

3" x 3" steel beam construction

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Date Description

03.03.09 Design Intent

Client

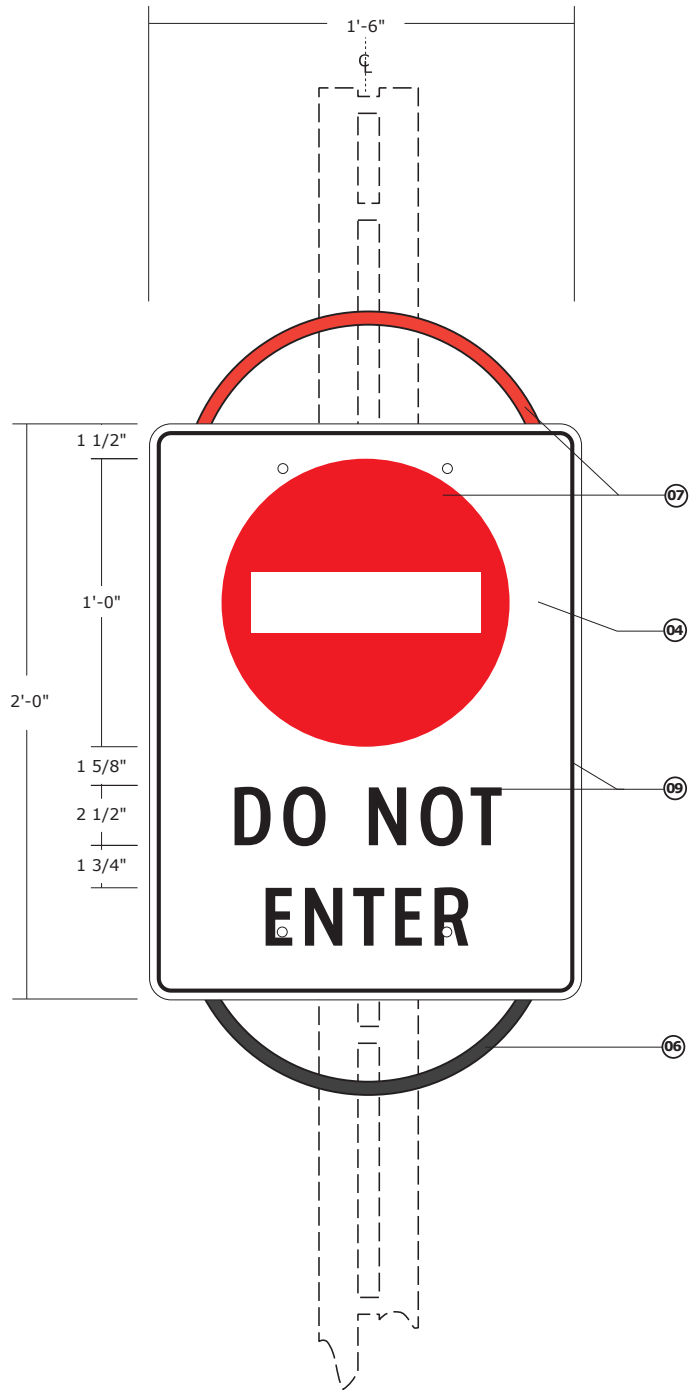
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Fonts
Clearview Hwy 2-B

Post & Frame Details
Please see "Post for Adjustable Height Sign Types" and "Frame for Adjustable Height Sign Types" pages at the end of this document.

Finish and Graphics
Standard Regulatory construction.
Engineer grade reflective background with high performance grade opaque vinyl graphics










Sign Type

TYPE 8
Regulatory

Scale

1 1/2" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01  Town of Mammoth Lakes
- 02  US Forest Service
- 03  Mammoth Mountain
- 04  White
- 05  Brown
- 06  Steel Finish
- 07  Red
- 08  Orange
- 09  Black

Notes

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03.03.09	Design Intent

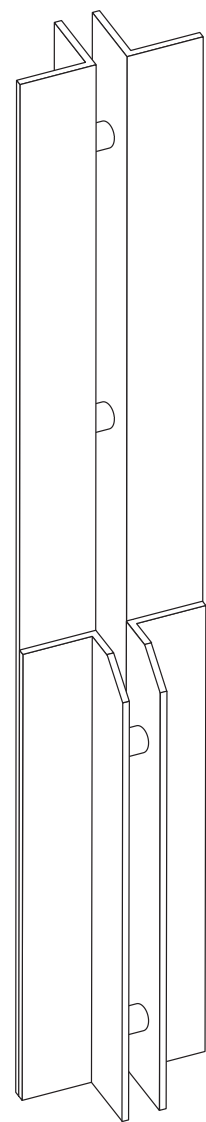
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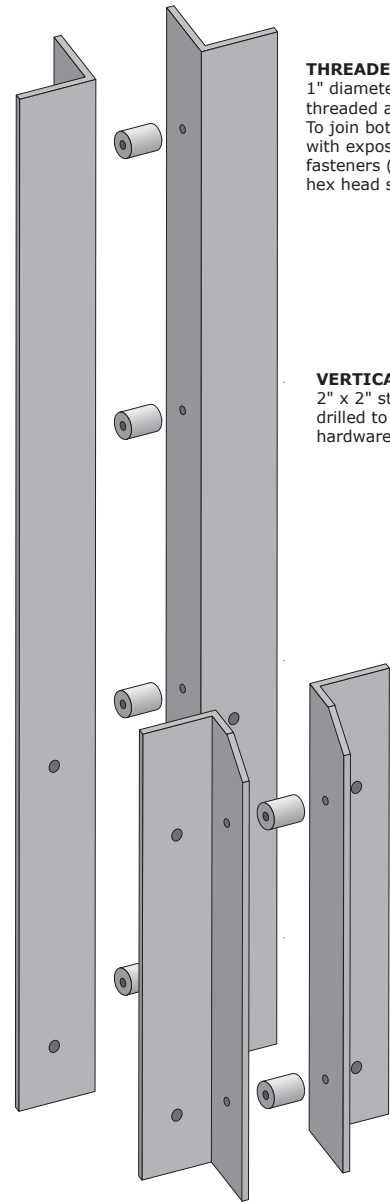


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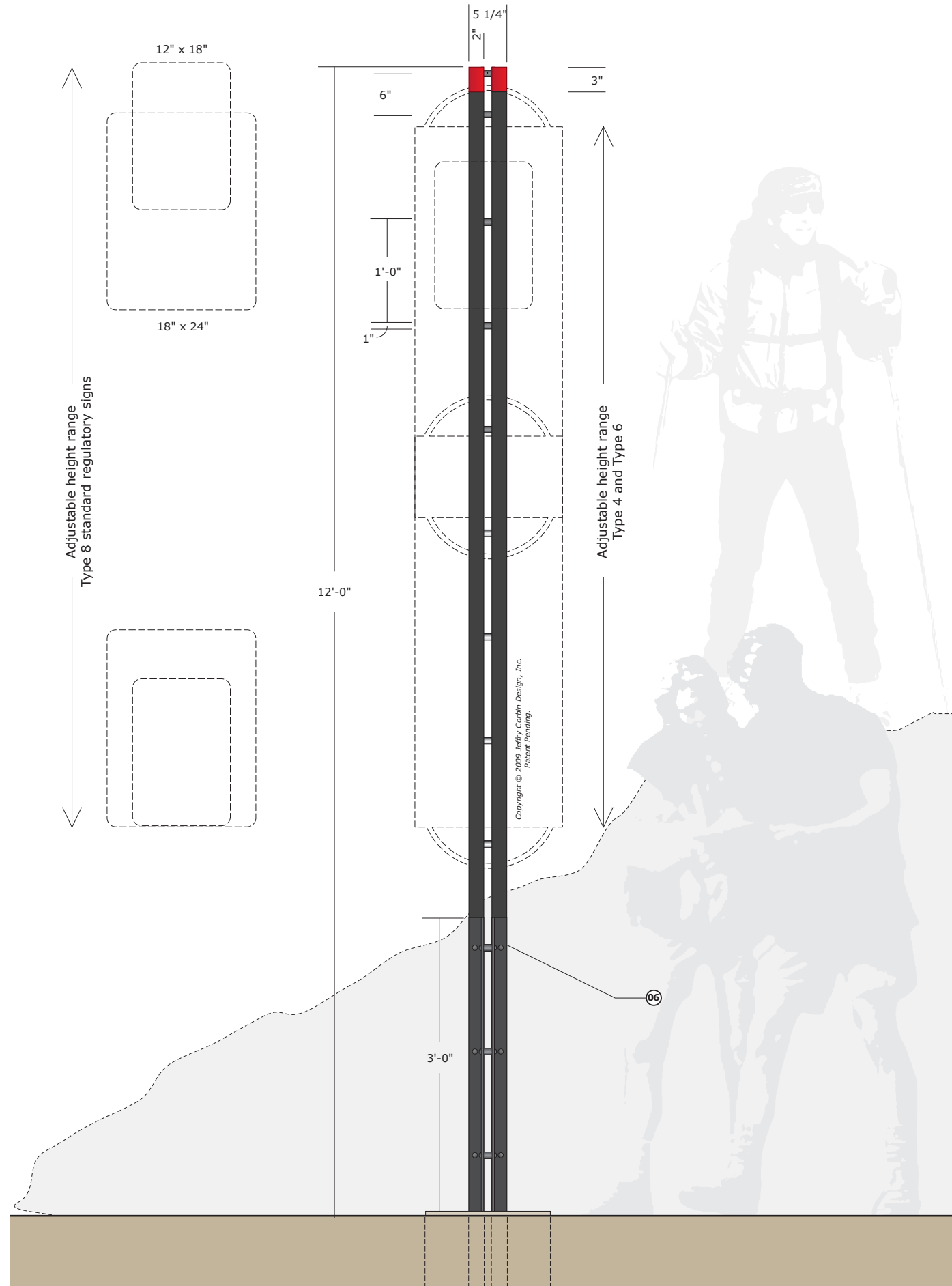
Copyright © 2009 Jeffry Corbin Design, Inc.
Patent Pending.



THREADED RODS
1" diameter x 1 1/4" wide threaded aluminum rods. To join both Vertical Posts with exposed mechanical fasteners (3/8" steel round hex head screws.)

VERTICAL POSTS
2" x 2" structural steel with holes drilled to accept mounting hardware for threaded rods.

POSTS SUPPORTS
2" x 2" structural steel with holes drilled to accept mounting hardware for threaded rods. Exposed corners are cut to 45° angle.



Sign Type

Post Details for Adjustable Height Sign Types

Sign Types 4, 6 and 8

Scale

3/4" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish
- 07 Red
- 08 Orange

Notes

2" x 2" structural steel "L" beams

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Patent Pending.

Date Description

03.03.09 Design Intent

Client

The Town of Mammoth Lakes

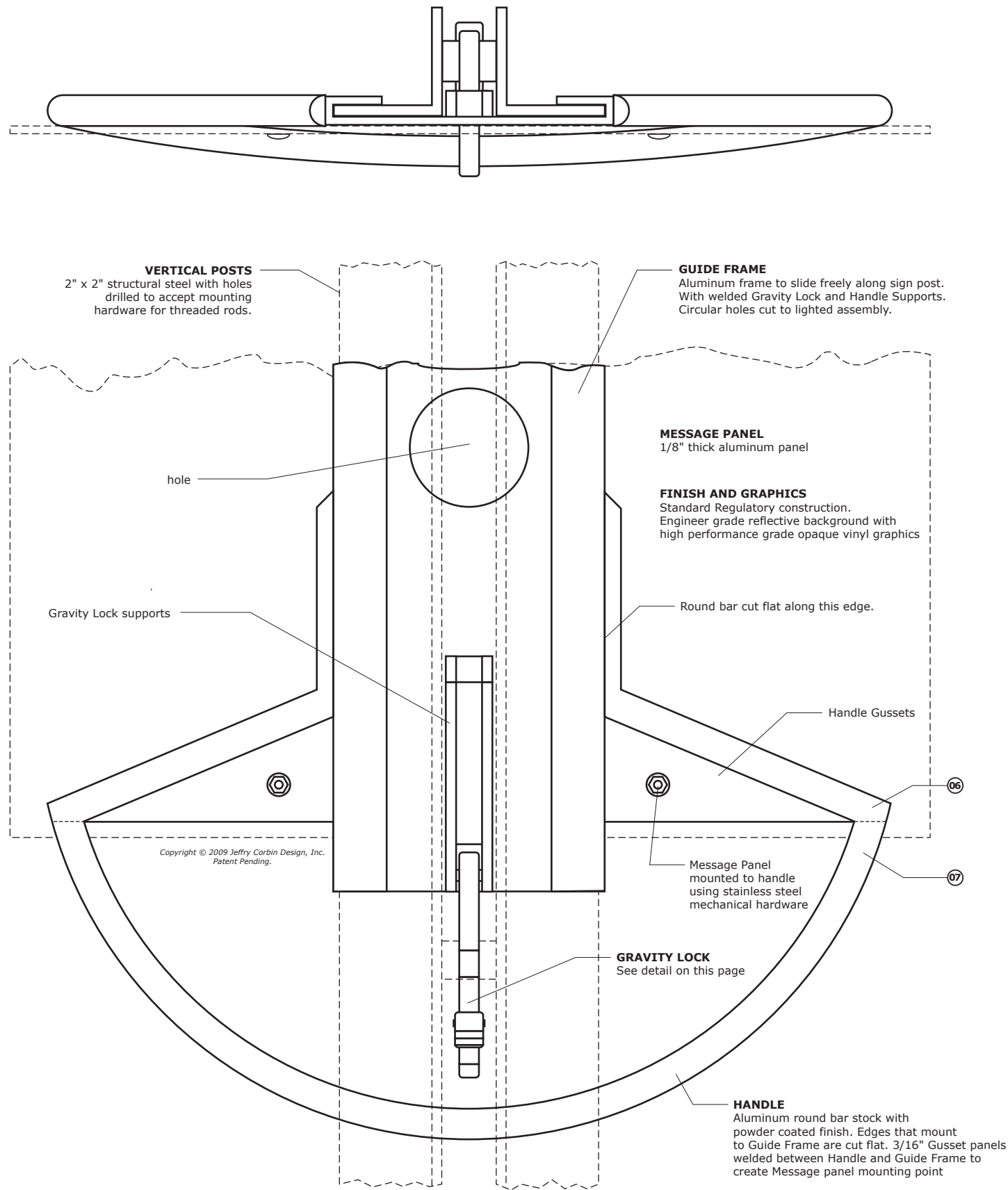
California



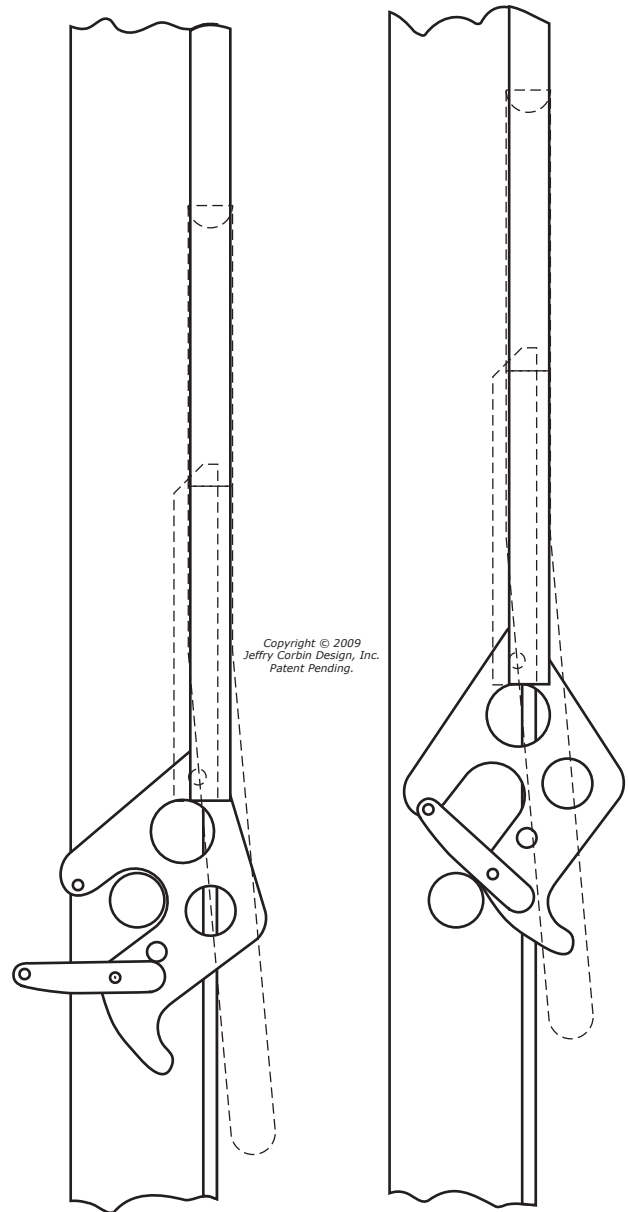
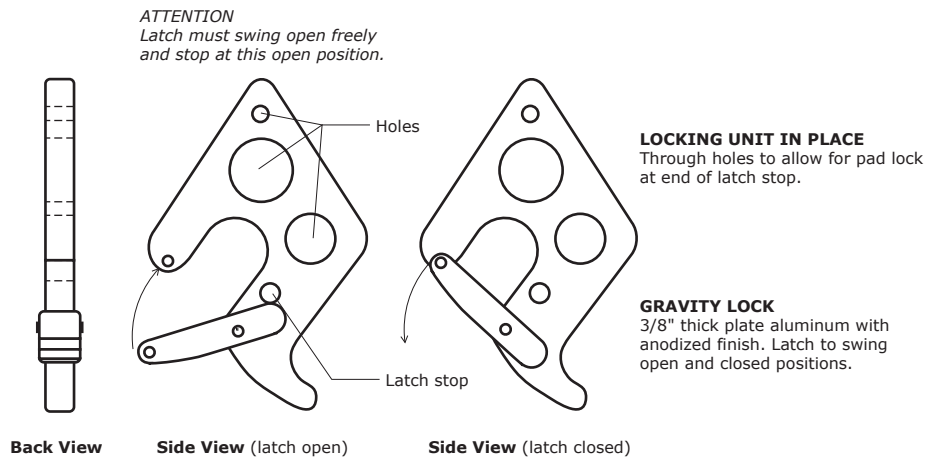
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Back View



Sign Type

Frame Details for Adjustable Height Sign Types

Sign Types 4, 6 and 8

Scale

3/8" = 1'-0"
(on an 11 x 17 sheet)

Color Code

- 01 Town of Mammoth Lakes
- 02 US Forest Service
- 03 Mammoth Mountain
- 04 White
- 05 Brown
- 06 Steel Finish
- 07 Red
- 08 Orange
- 09 Black

Notes

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Patent Pending.

Date	Description
03.03.09	Design Intent

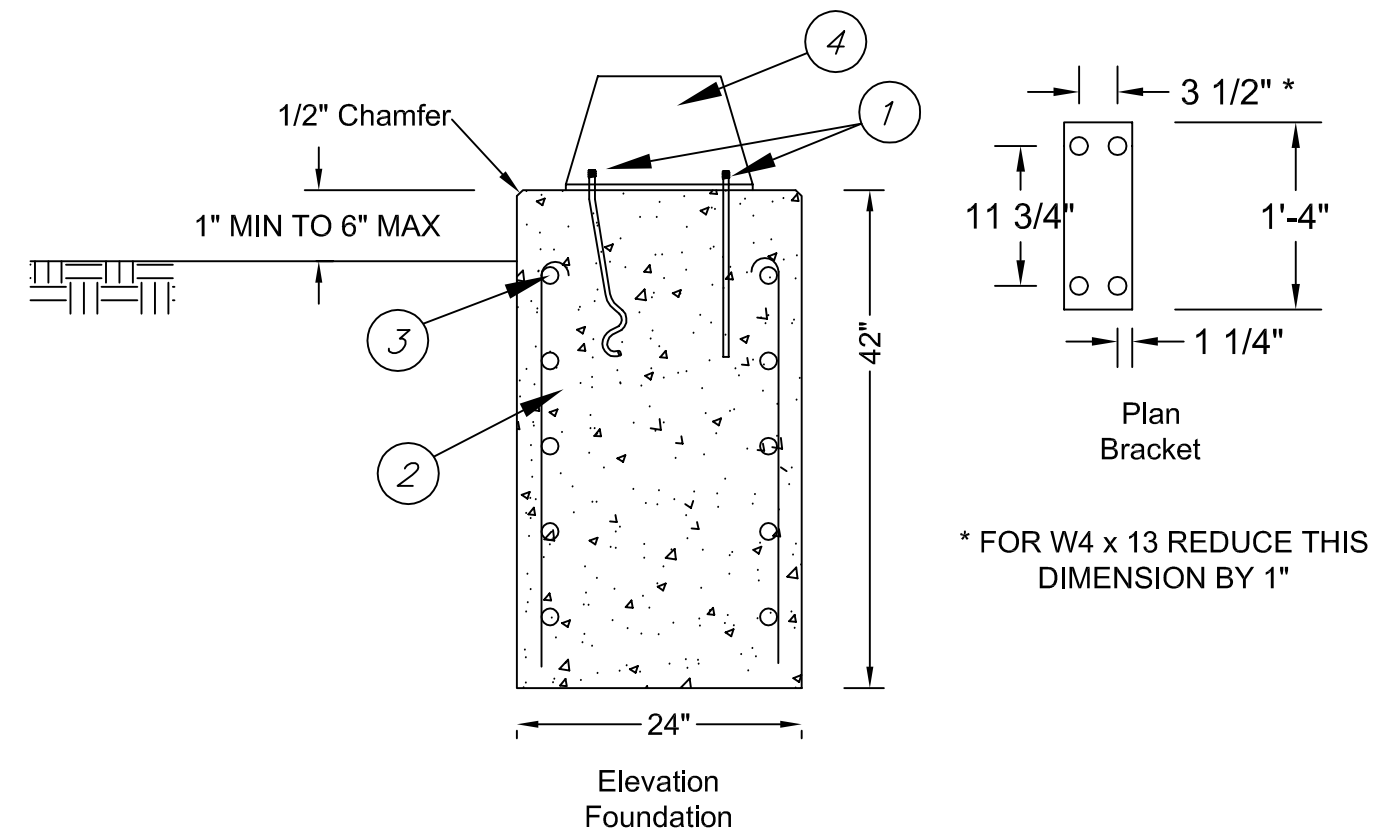
Client

The Town of Mammoth Lakes
California

>
corbindesign

109 East Front Suite 304
Traverse City, MI 49684
231 947.1236

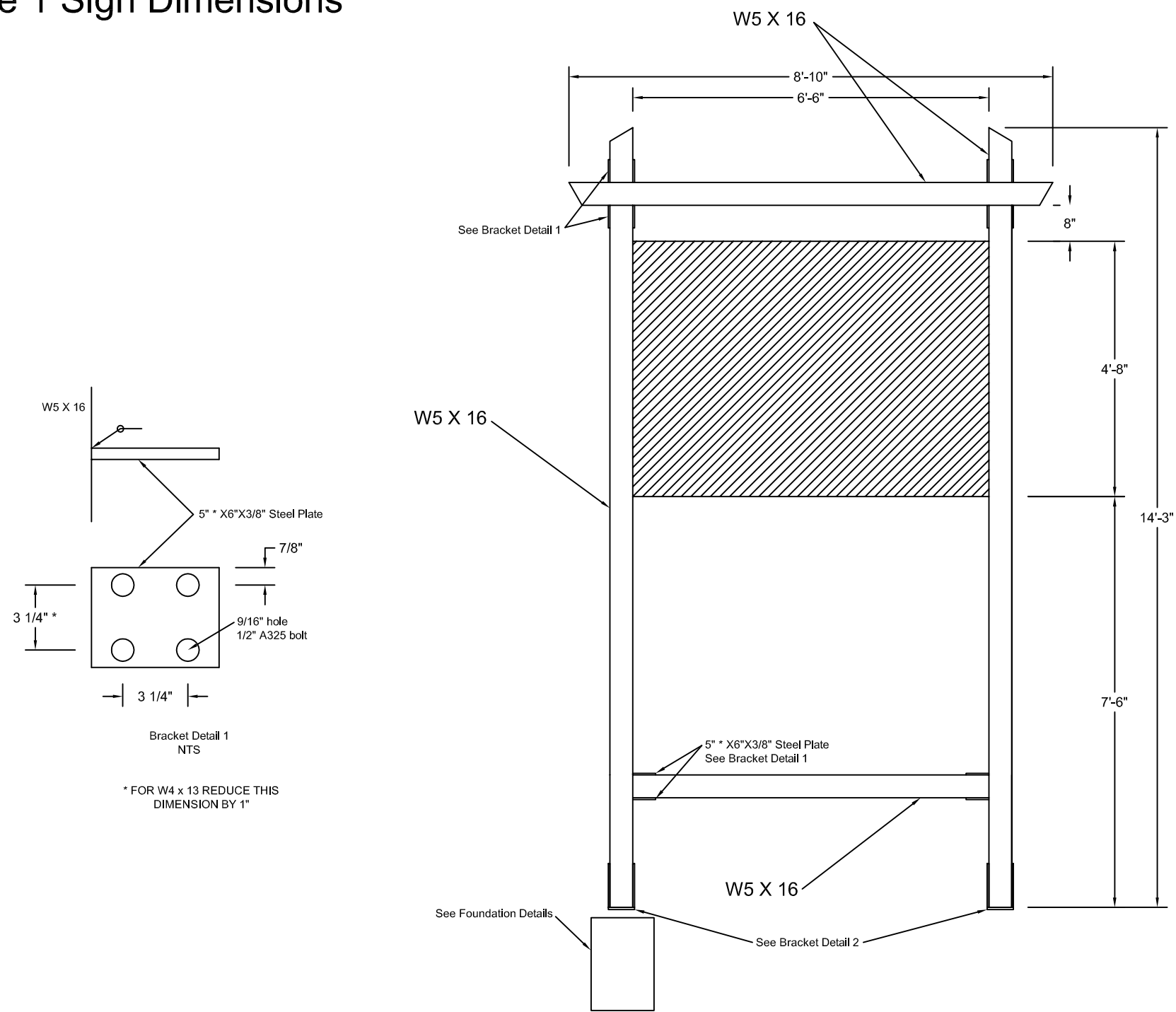
Foundation Design



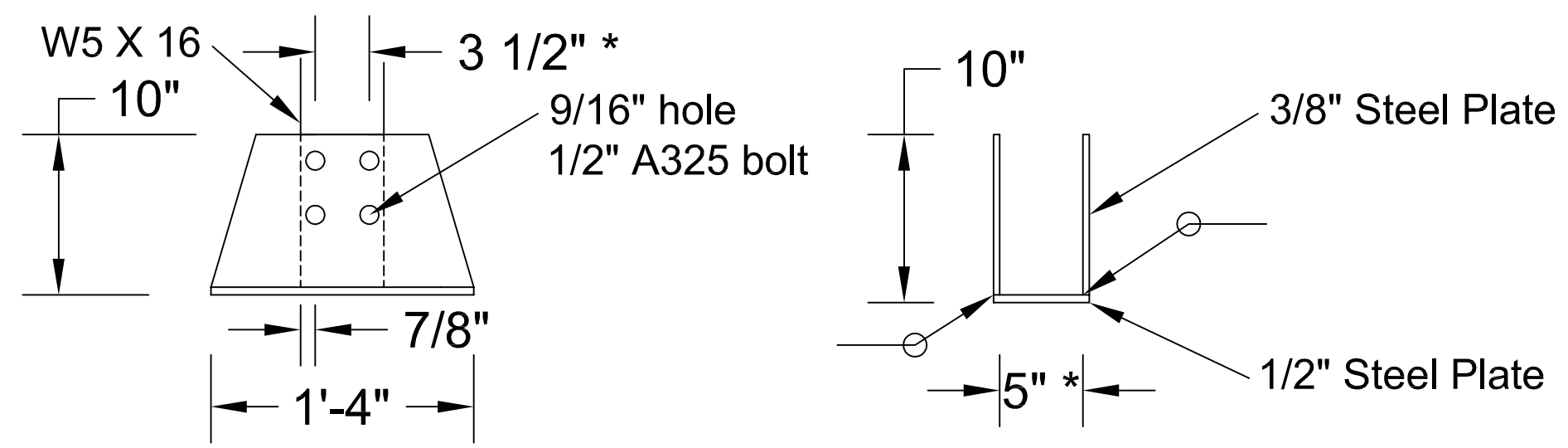
CONSTRUCTION NOTES FOR SIGN BASE

1. SIMPSON SSTB 5/8" ANCHOR 15 3/8" LONG OR APPROVED SIMILAR.
2. CONCRETE PER TOWN STANDARD 004.
3. #4 HOOP BARS @ 6" OC AND #5 VENT BARS WITH TOP HOOK. 2 1/2" COVER MIN.
4. 1/2" BOTTOM BASE PLATE WELDED TO 3/8" SIDES AS SHOWN ON BRACKET DETAIL 2.
5. FOR DIRECT BURRY USE SAME DEPTH AND DIAMETER OF CONCRETE, ELIMINATE NOTES 1 & 4.

Type 1 Sign Dimensions



Bracket Detail 2



* FOR W4 x 13 REDUCE THIS
DIMENSION BY 1"