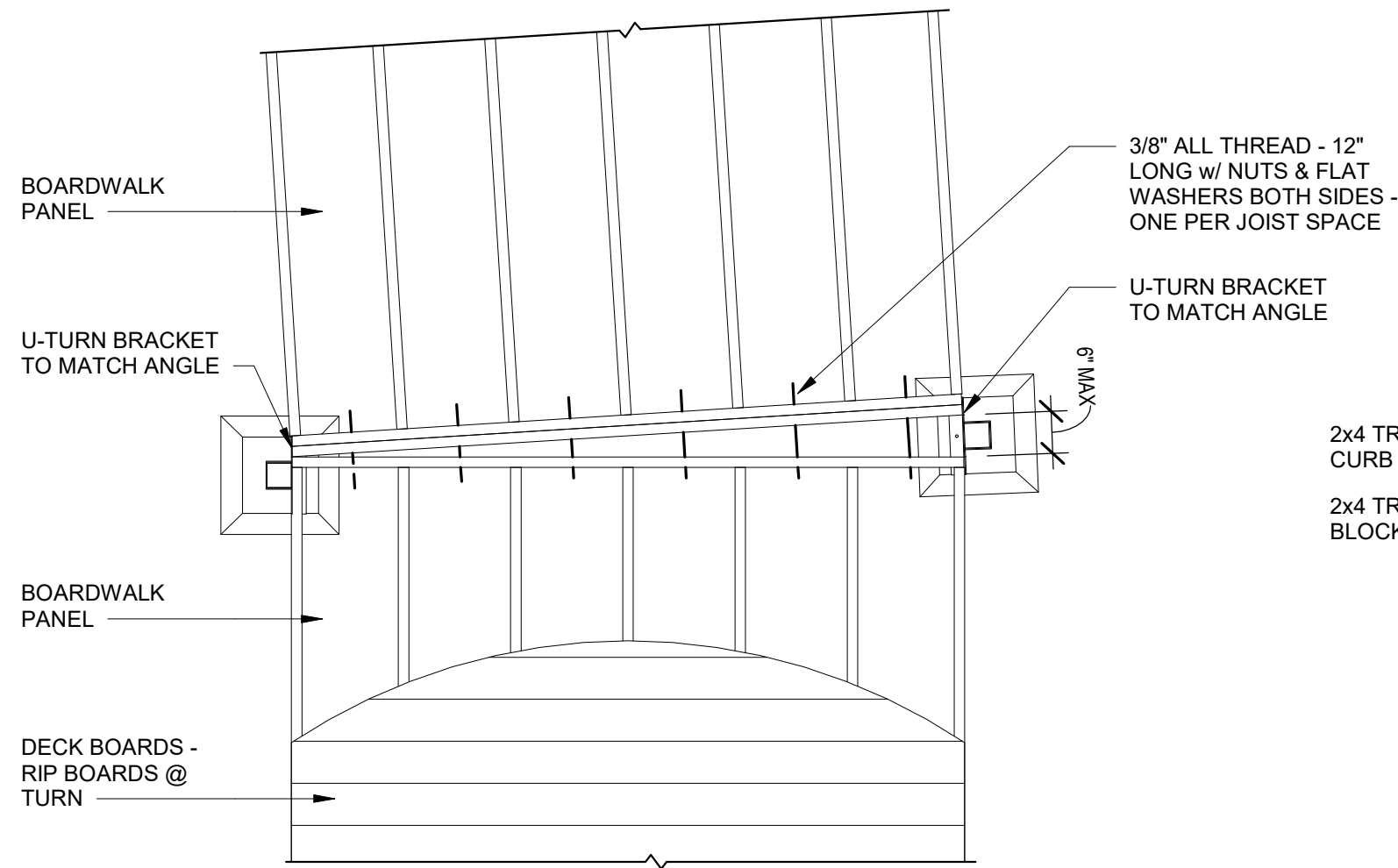
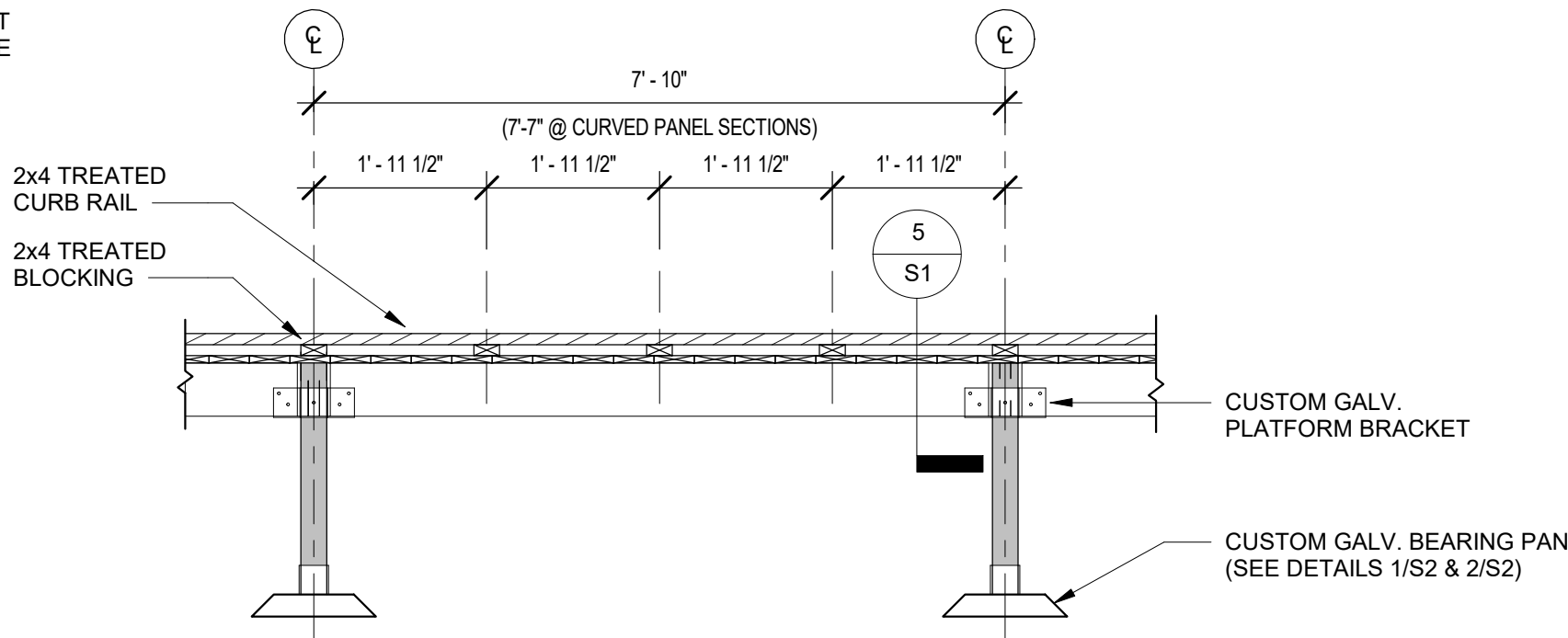


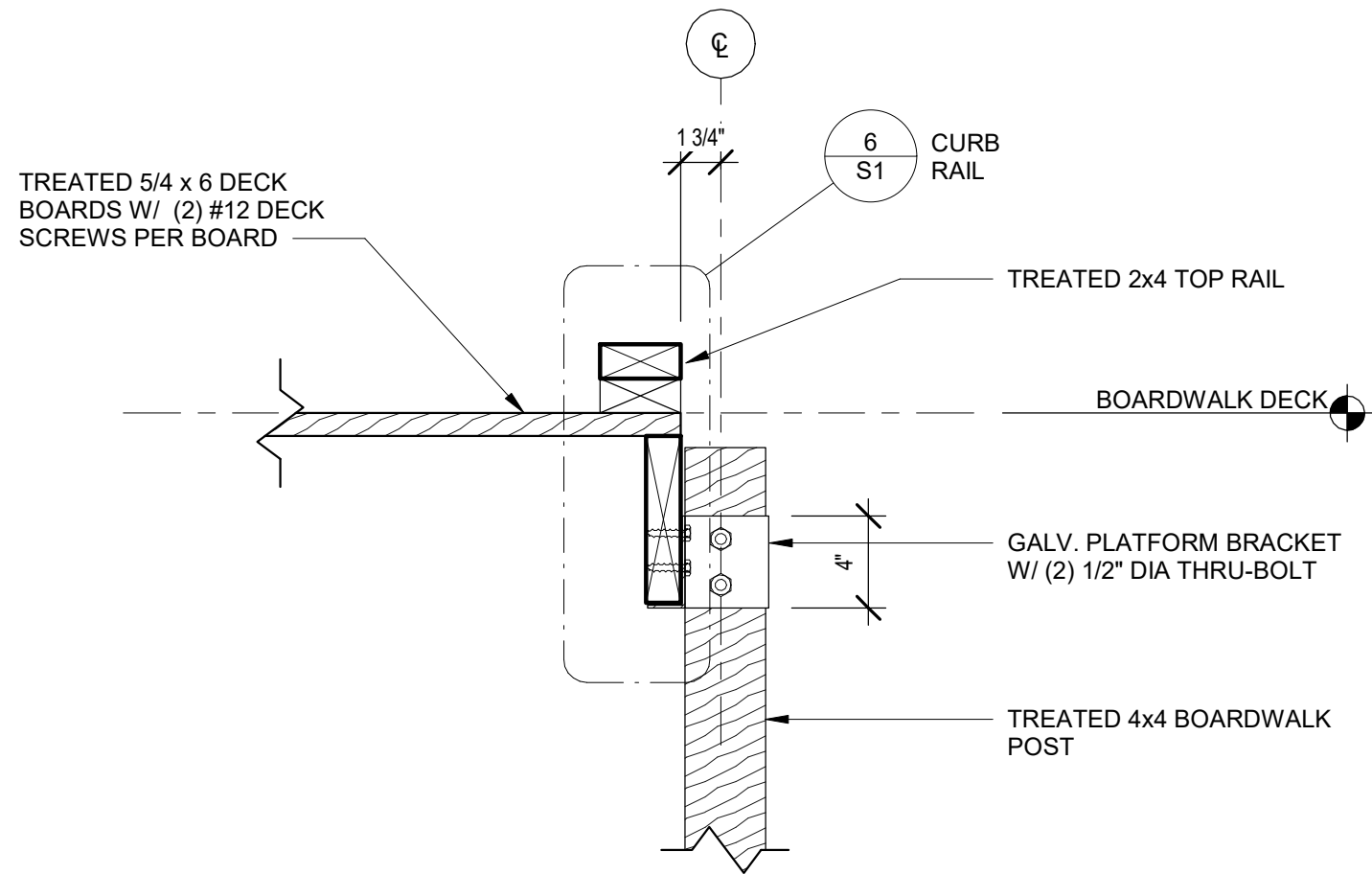
6  
S1  
CURBRAIL DETAIL  
1 1/2" x 1'-0"



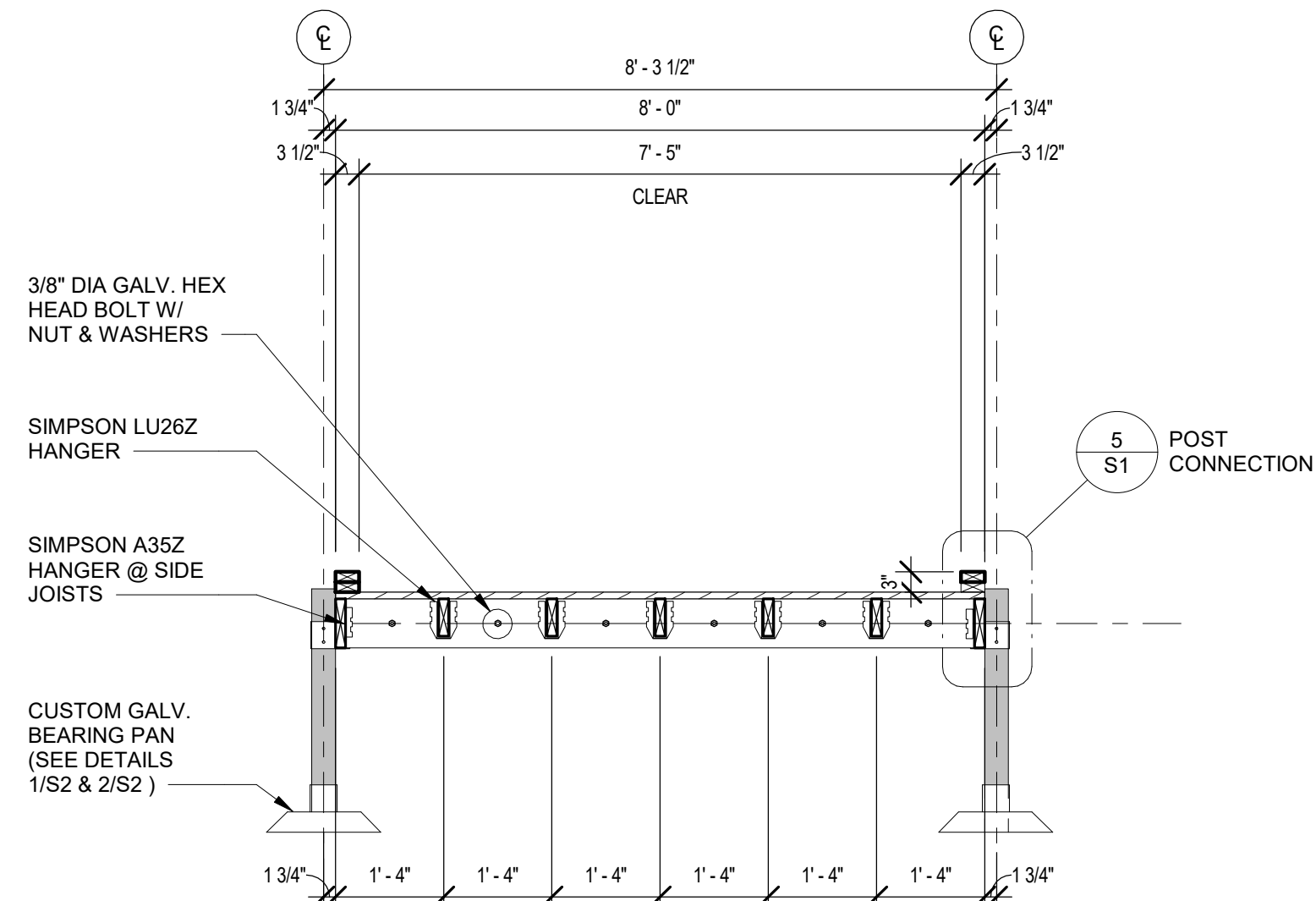
4  
S1  
BOARDWALK PLAN - GRADUAL CURVE  
1 1/2" x 1'-0"



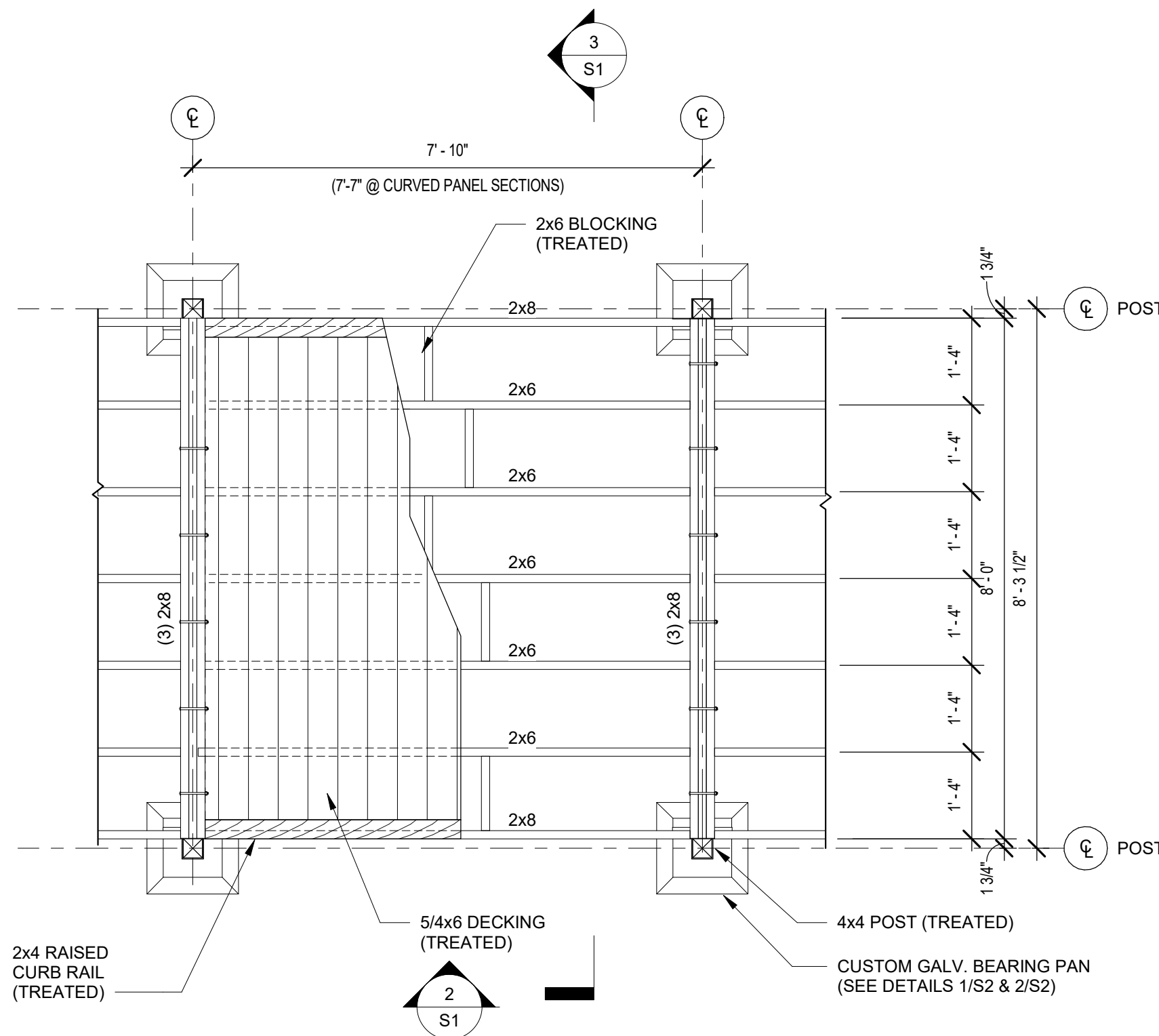
2  
S1  
BOARDWALK SIDE ELEVATION  
1 1/2" x 1'-0"



5  
S1  
BOARDWALK POST CONNECTION DETAIL  
1 1/2" x 1'-0"



3  
S1  
BOARDWALK CROSS-SECTION  
1 1/2" x 1'-0"



1  
S1  
BOARDWALK PLAN - TYPICAL PANEL  
1 1/2" x 1'-0"

## NOTES

### DESIGN CRITERIA

- THE PEDESTRIAN BOARDWALK IS DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE & ASCE 7-10 AND THE LOAD COMBINATIONS PRESCRIBED WITHIN FOR ALLOWABLE STRESS DESIGN, WITH THE FOLLOWING:

DESIGN LOADS:		
DEAD LOAD	=	12 PSF
PEDESTRIAN LOAD	=	60 PSF
GROUND SNOW LOAD	=	30 PSF
WIND LOAD	=	107 MPH
VEHICLE LOAD	=	N/A

MATERIAL STRESSES:		
WOOD DECKING:	=	SYP #1
WOOD JOISTS	=	SYP#1
WOOD CURB RAILS	=	SYP #1
END BEAMS:	=	SYP SELECT STRUCTURAL

### GENERAL CONSTRUCTION

- THE ENGINEER IS NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS AND METHODS OR FOR SUPERVISION OF CONSTRUCTION.
- ALL DIMENSIONS ARE TO BE CROSS-CHECKED WITH EXISTING FIELD DIMENSIONS AND APPROVED FABRICATION DRAWINGS FOR THE VARIOUS MATERIALS AND BUILDING COMPONENTS. ALL DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

### SITEWORK

- THE GENERAL CONTRACTOR IS TO VERIFY ALL CONDITIONS AT THE PROJECT SITE, INCLUDING UNDERGROUND UTILITY LOCATIONS PRIOR TO COMMENCING ANY EXCAVATION ACTIVITIES.

### FASTENERS:

- FASTENERS AND CONNECTORS IN CONTACT WITH TREATED LUMBER SHALL BE HOT-DIP GALVANIZED.
- DECK SCREWS SHALL BE EVERCOTE #8 x 3" DECK MATE SQUARE DRIVE BY PHILLIPS FASTENER PRODUCTS CO.
- ALL STEEL CONNECTORS SHALL BE HOT-DIP GALVANIZED.

### WOOD

- ALL STRUCTURAL DIMENSIONAL LUMBER SHALL COMPLY WITH THE AMERICAN WOOD COUNCIL'S 2015 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (2015 NDS).
- ALL WOOD MEMBERS SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH THE AMERICAN WOOD COUNCIL REQUIREMENTS FOR PRESERVATIVE TREATED LUMBER.
- ALL WOOD MEMBERS SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% AT THE TIME OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING DURING HANDLING AND ERECTION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL FINAL BRACING, AS SHOWN ON DRAWINGS.

Trail Bridges  
Steel Fabricating & Finishing  
606 Delco Drive  
P.O. Box 279  
Clinton, Wisconsin 53525  
Phone= 608-676-2282  
Fax= 608-676-2283



Project Name:  
**8 FT BOARDWALK**

Sheet Title

**BOARDWALK PLAN & DETAILS**

Revisions:

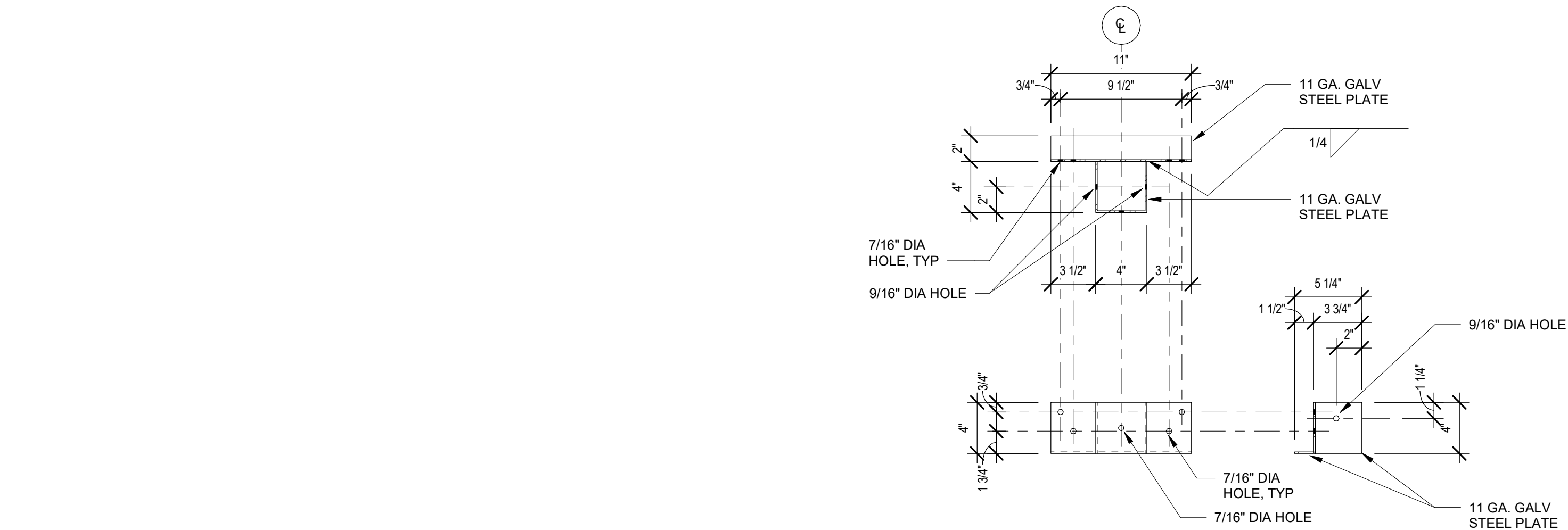
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Date: 2/8/2023

Sheet Number

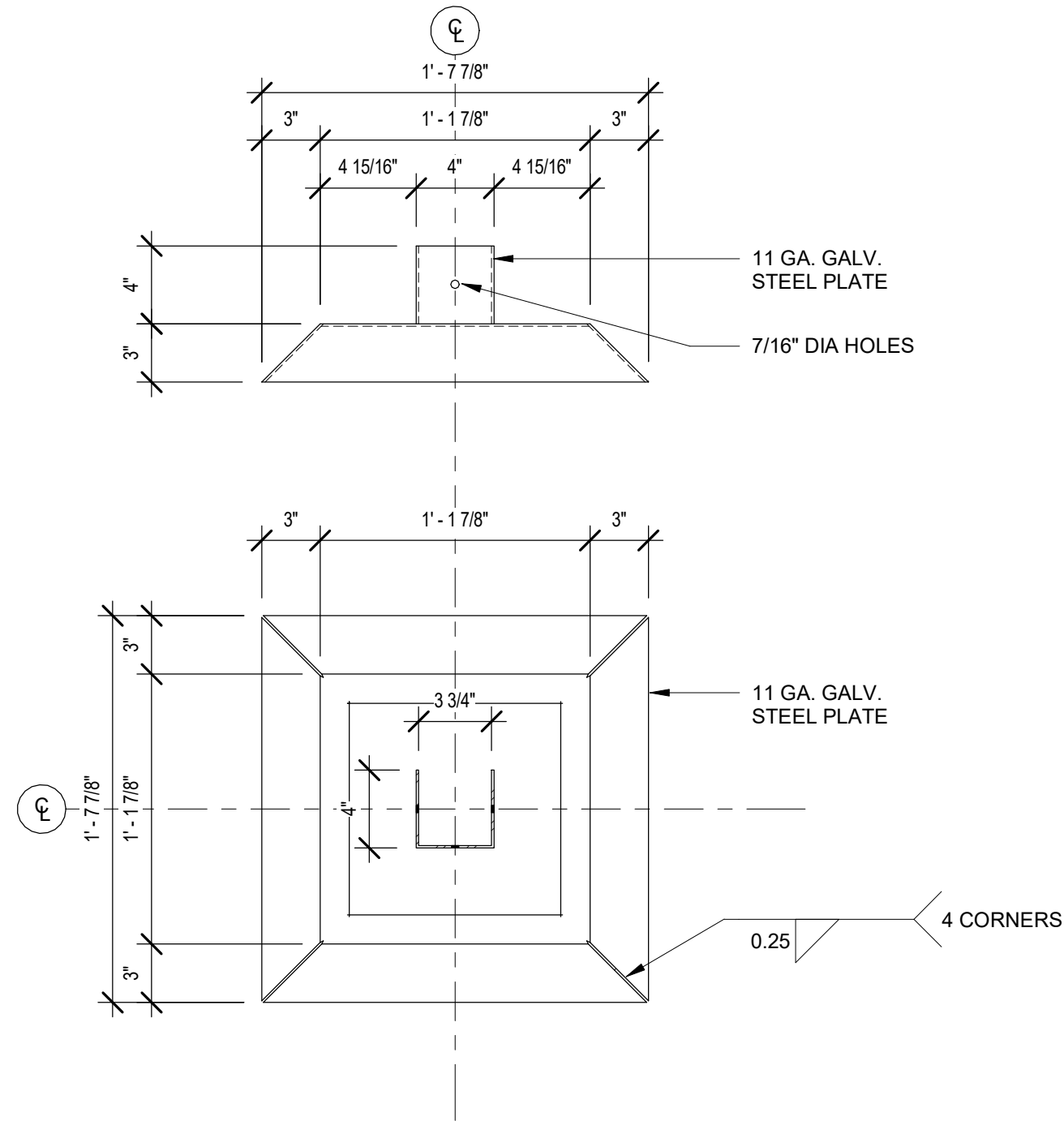
**S1**

**ONE DESIGN & ENGINEERING**  
Est. 2020

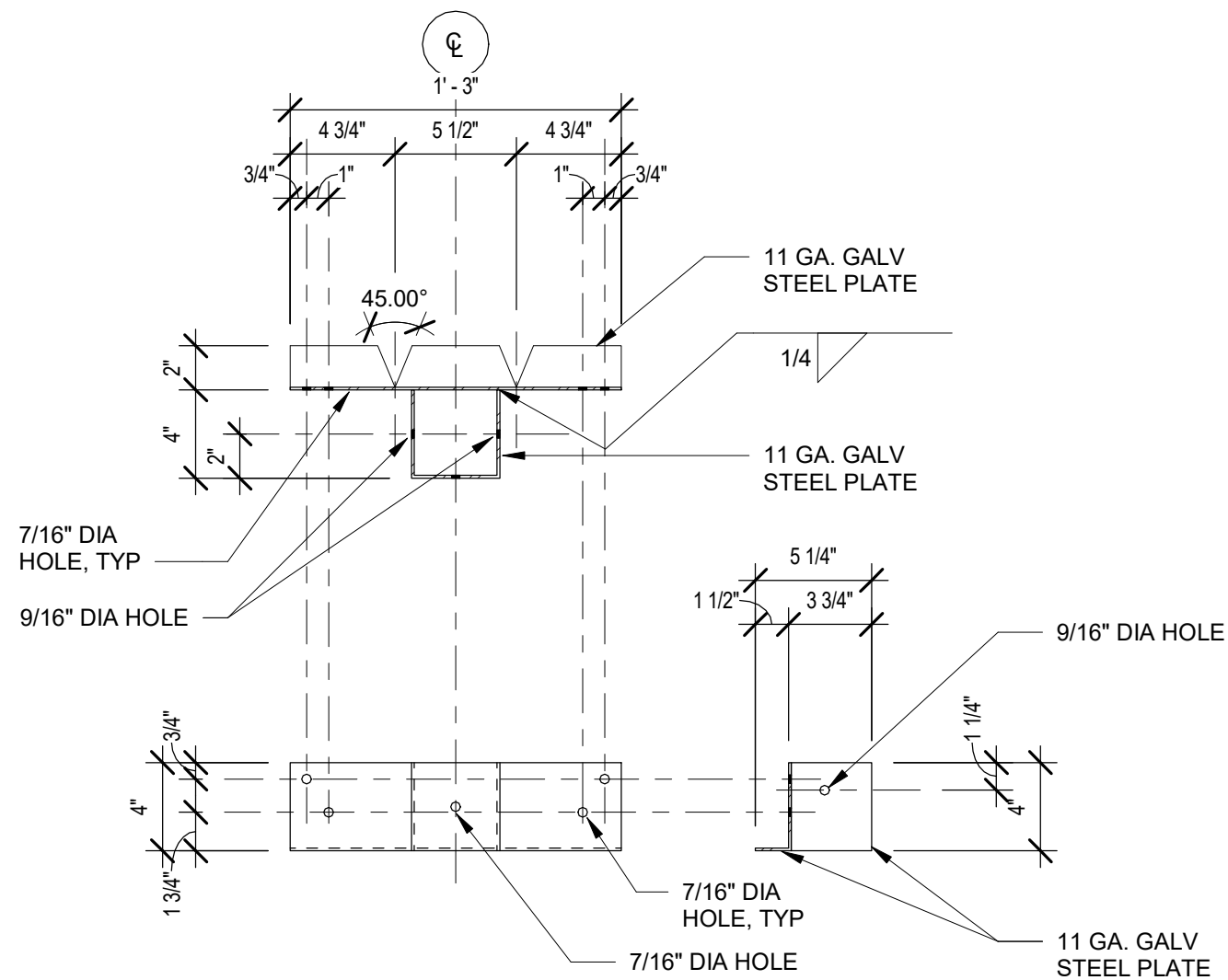
202 Ash St, Cambridge, WI 53523 ♦ 608.577.0443 ♦ www.oneandne.com



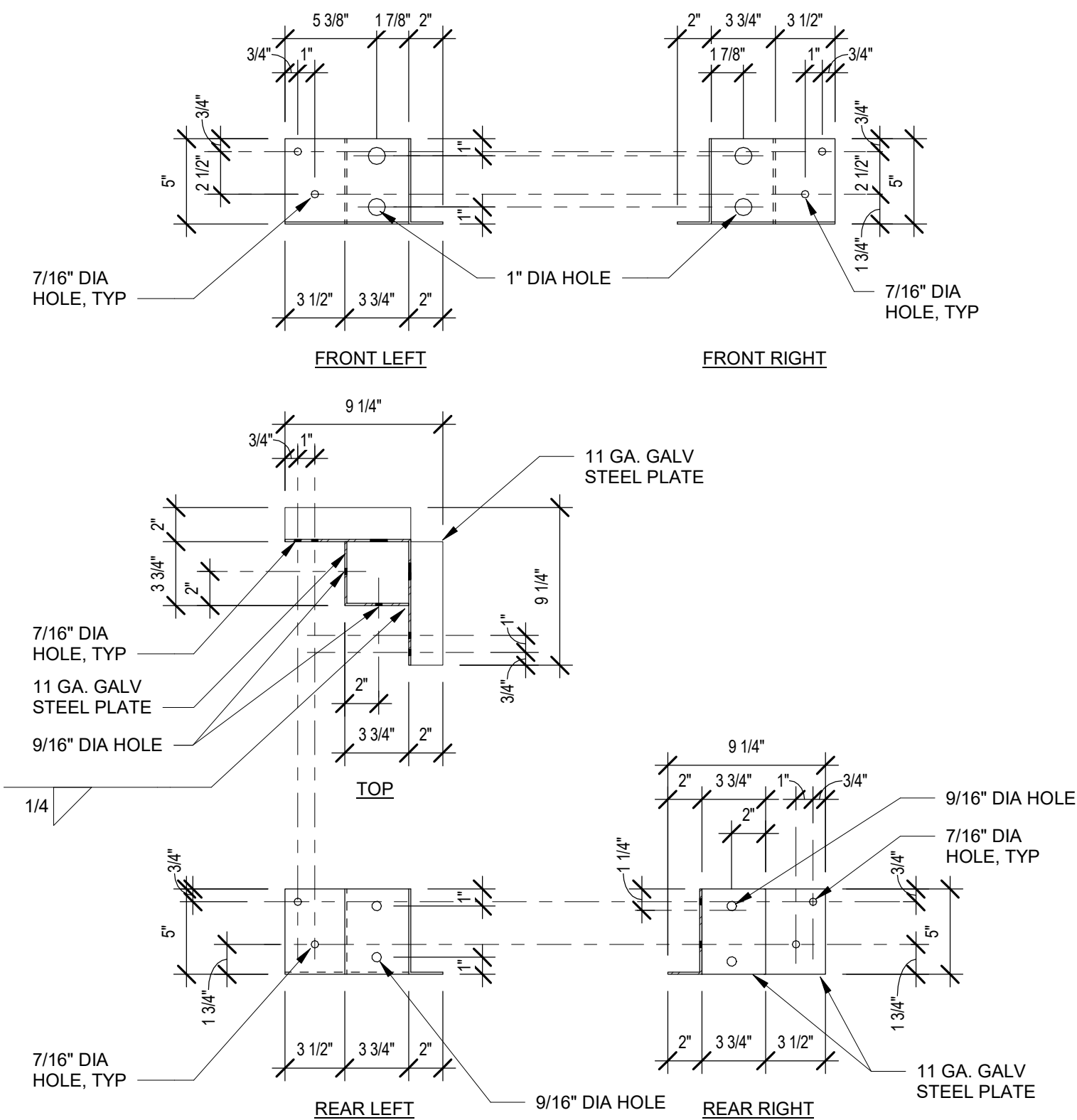
4 4x4 POST BRACKET - STRAIGHT  
1 1/2" = 1'-0"



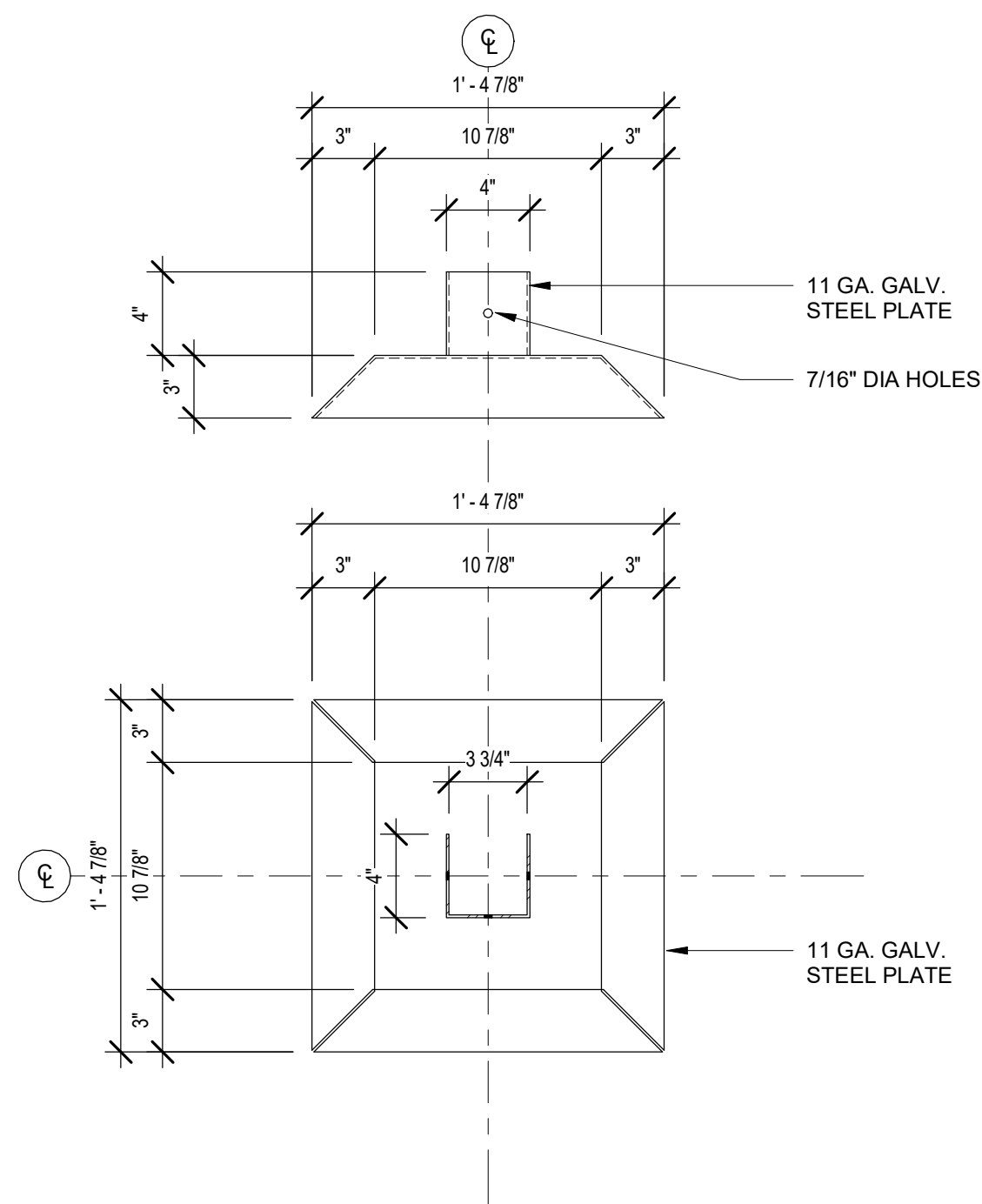
2 BEARING PAN - SWAMP  
1 1/2" = 1'-0"



5 4x4 POST BRACKET - U-TURN  
1 1/2" = 1'-0"



3 4x4 POST BRACKET - INSIDE TURN  
1 1/2" = 1'-0"



1 BEARING PAN - STANDARD  
1 1/2" = 1'-0"