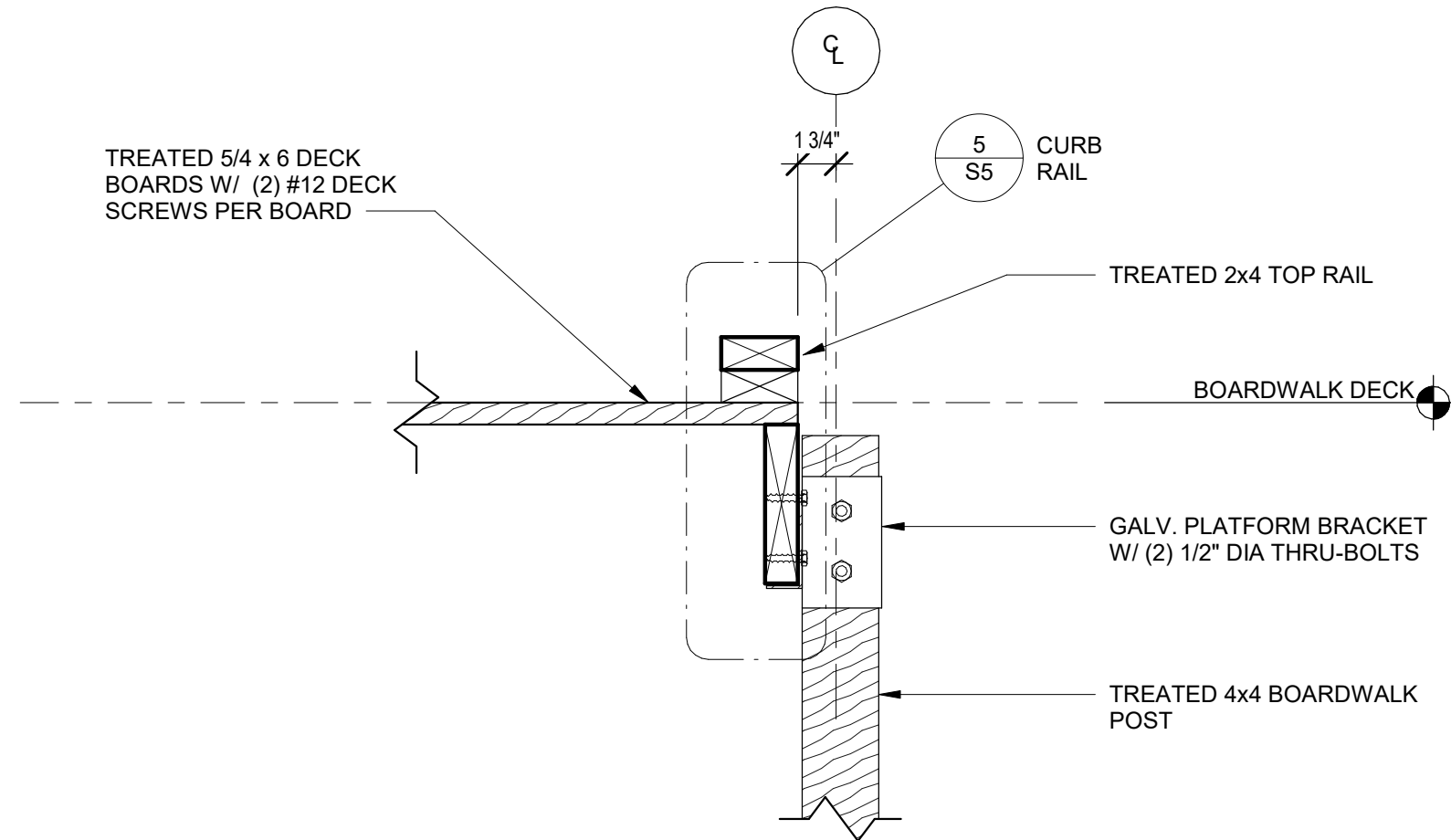
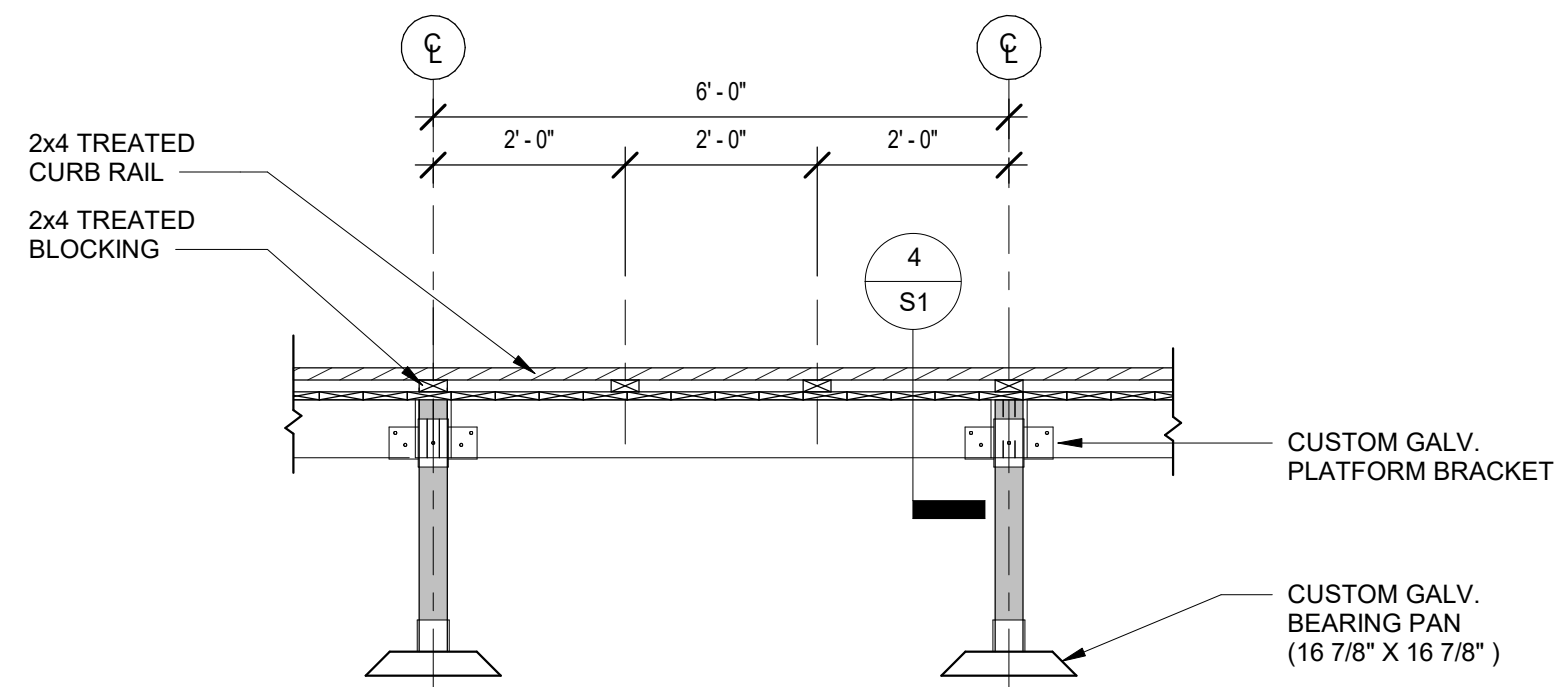


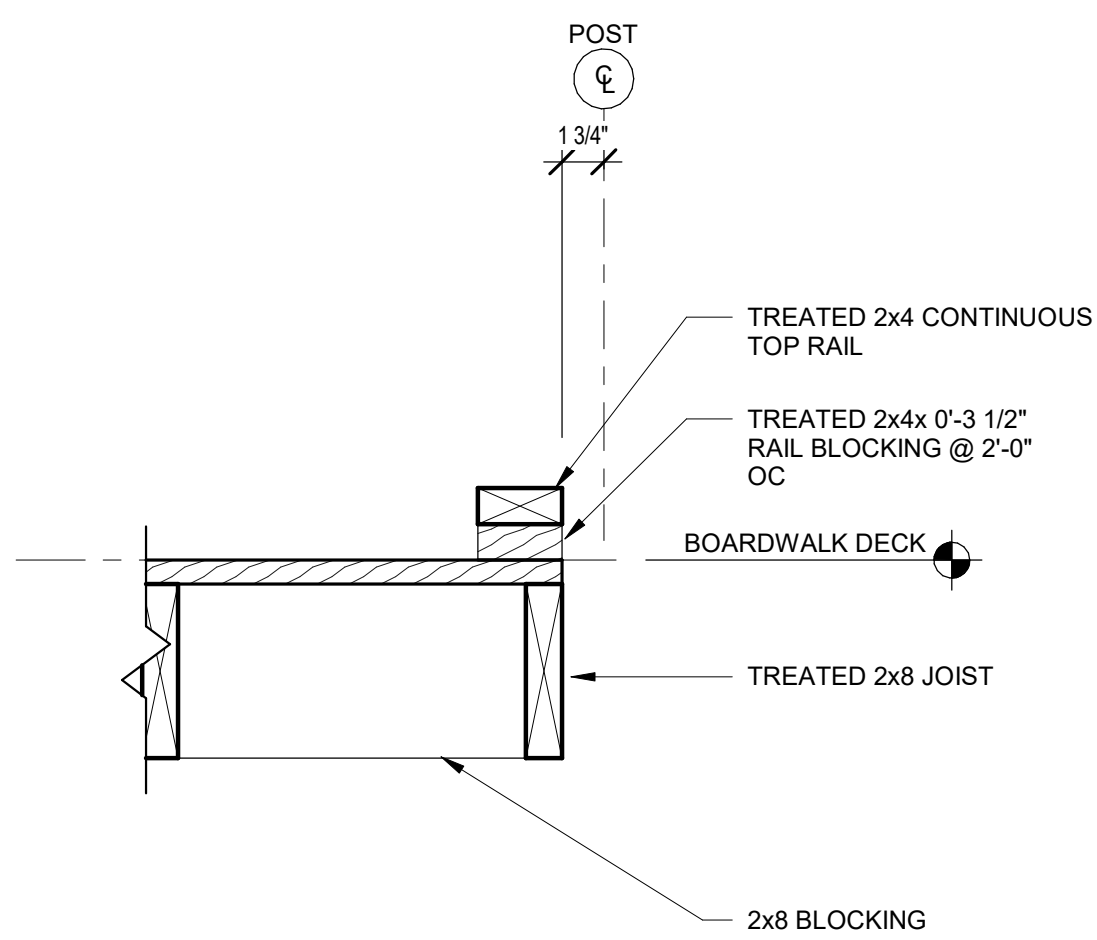
6
S1
BEARING PAN - STANDARD
1 1/2" x 1'-0"



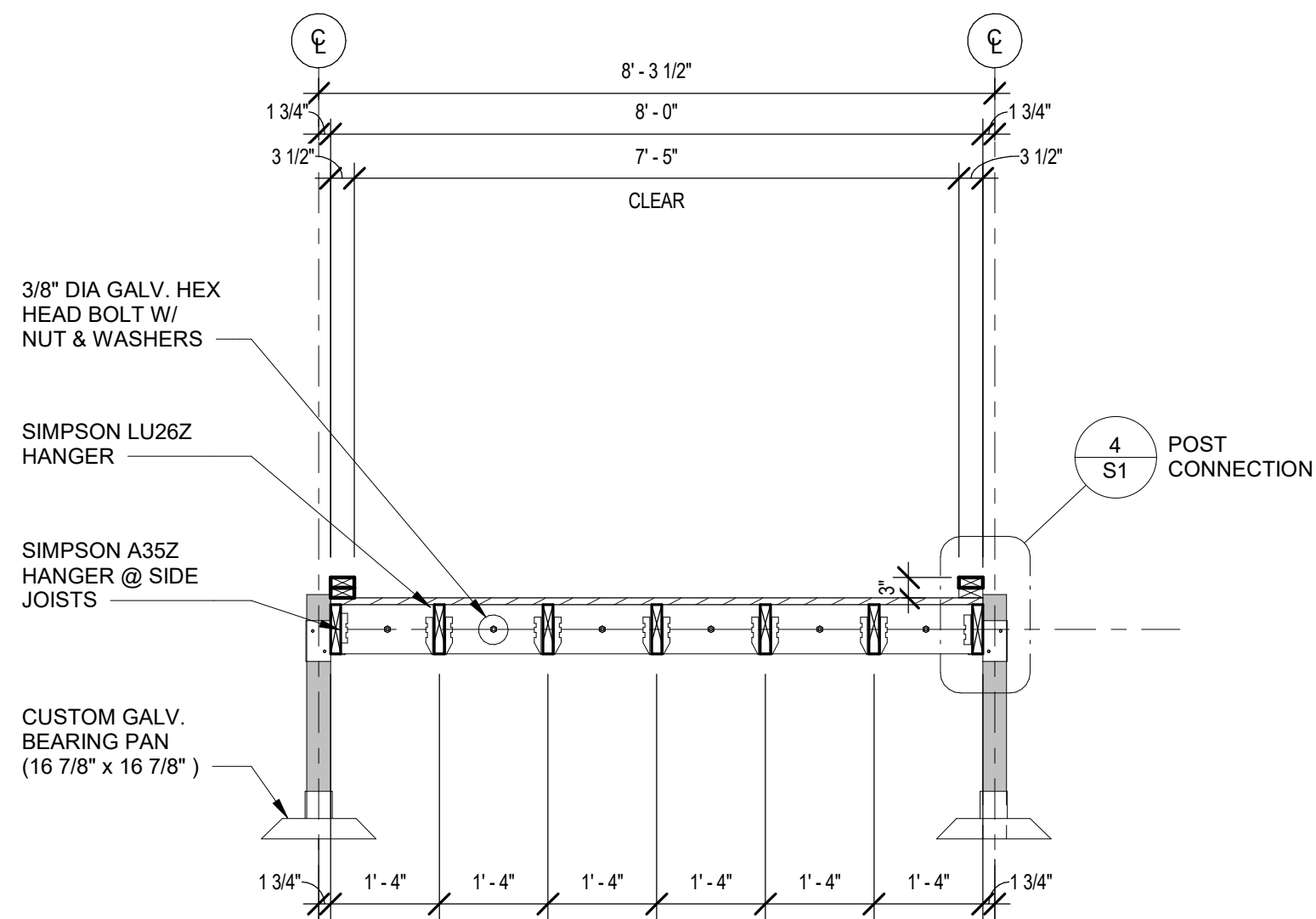
4
S1
BOARDWALK POST CONNECTION DETAIL
1 1/2" x 1'-0"



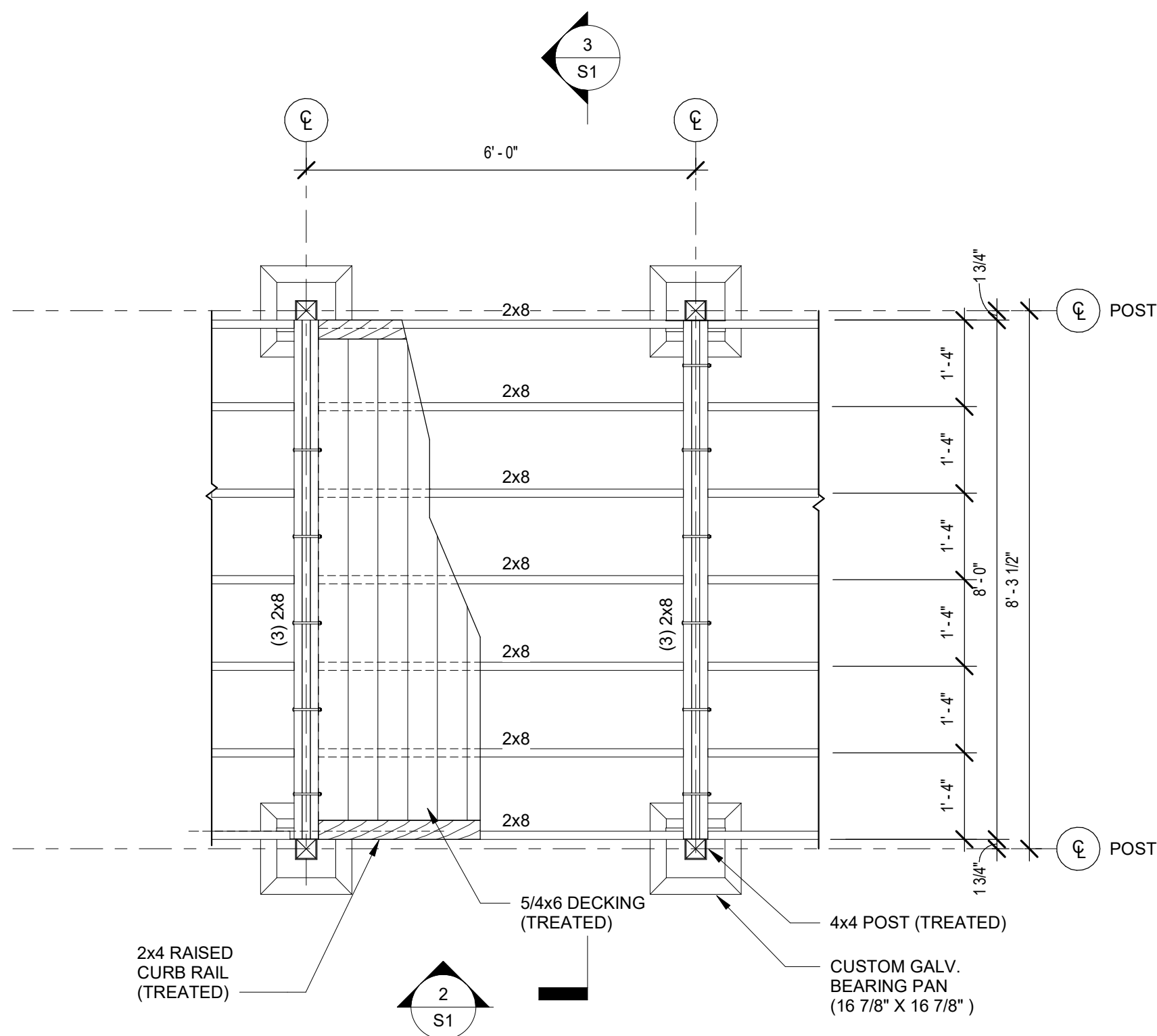
2
S1
BOARDWALK SIDE ELEVATION
1/2" x 1'-0"



5
S1
BOARDWALK RAILING BRACKET
1 1/2" x 1'-0"



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



1
S1
BOARDWALK PLAN - TYPICAL PANEL
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	=	60 PSF
WIND LOAD	=	107 MPH
VEHICLE LOAD	=	4,000 LBS
MATERIAL STRESSES:		
WOOD DECKING:	=	SYP #1
WOOD JOISTS	=	SYP#1
WOOD GIRDERS	=	SELECT
WOOD CURB RAILS	=	STRUCTURAL SYP #1

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 ATTANTION 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 VEHICLE BOARDWALK
Standard
City, State
Sheet Title

Revisions:

Project #:
Issued for: REFERENCE
Date: 3/2/2022

Sheet Number

S1

BOARDWALK PLAN & DETAILS

ONE DESIGN & ENGINEERING
Est. 2020

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