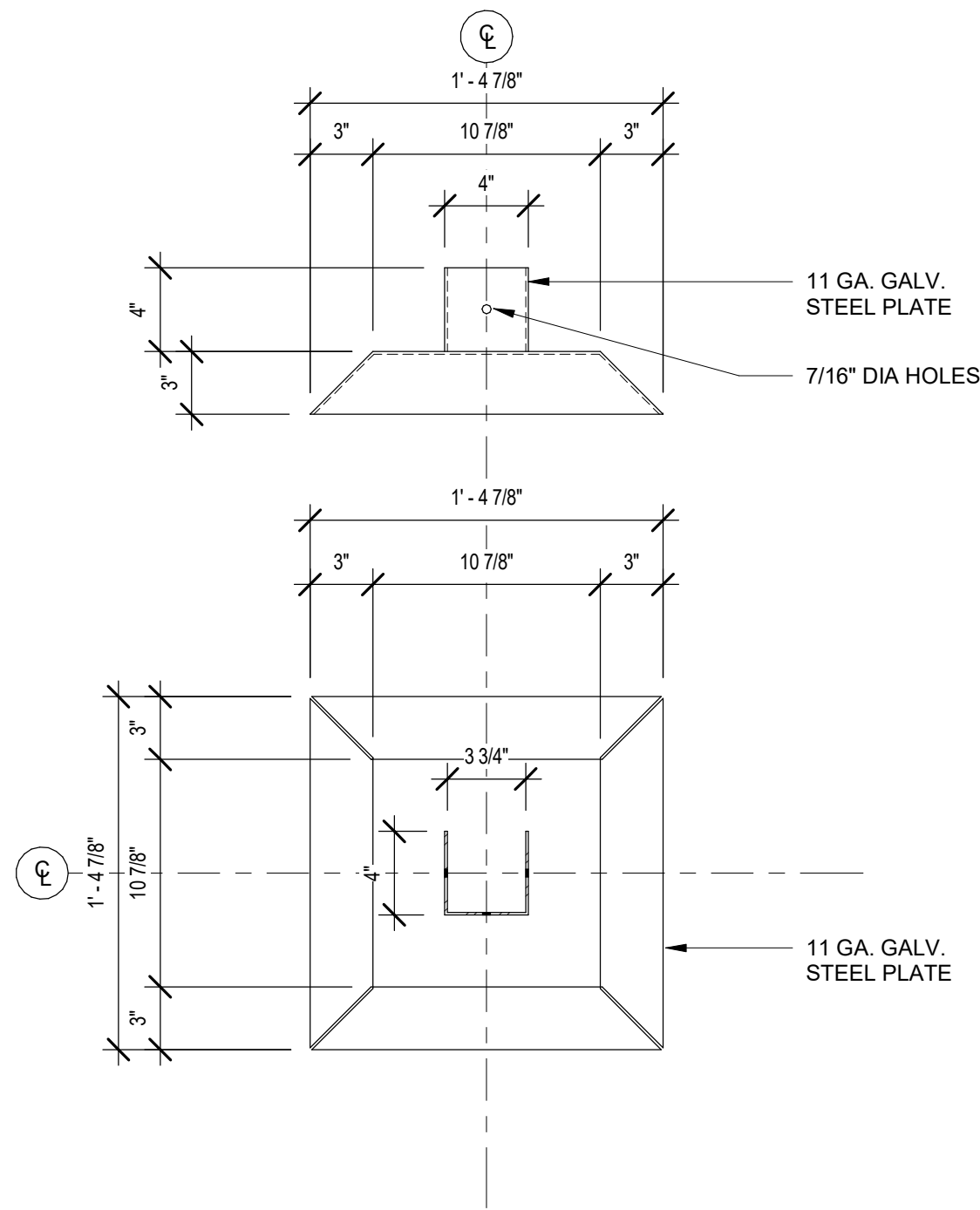
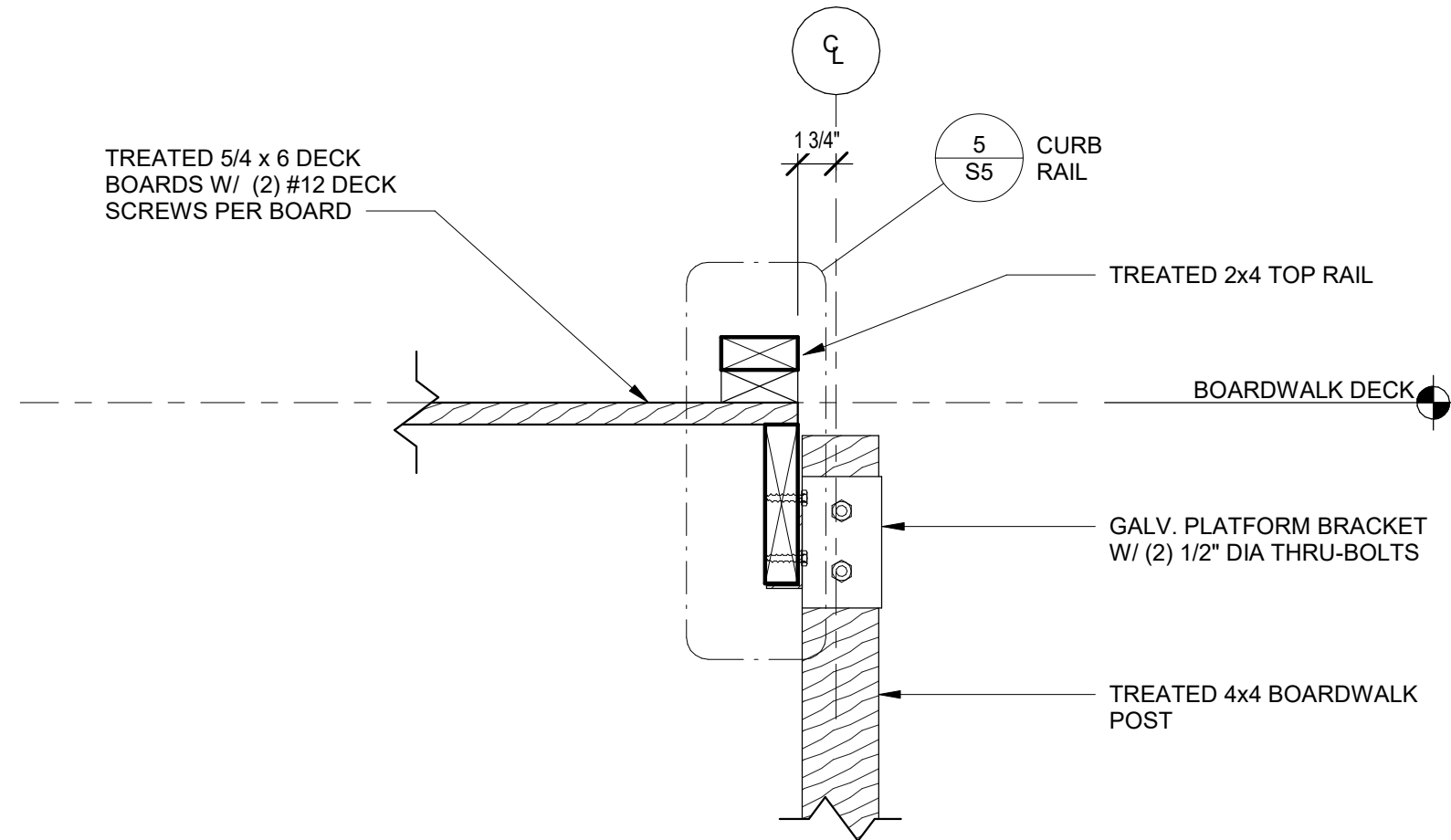




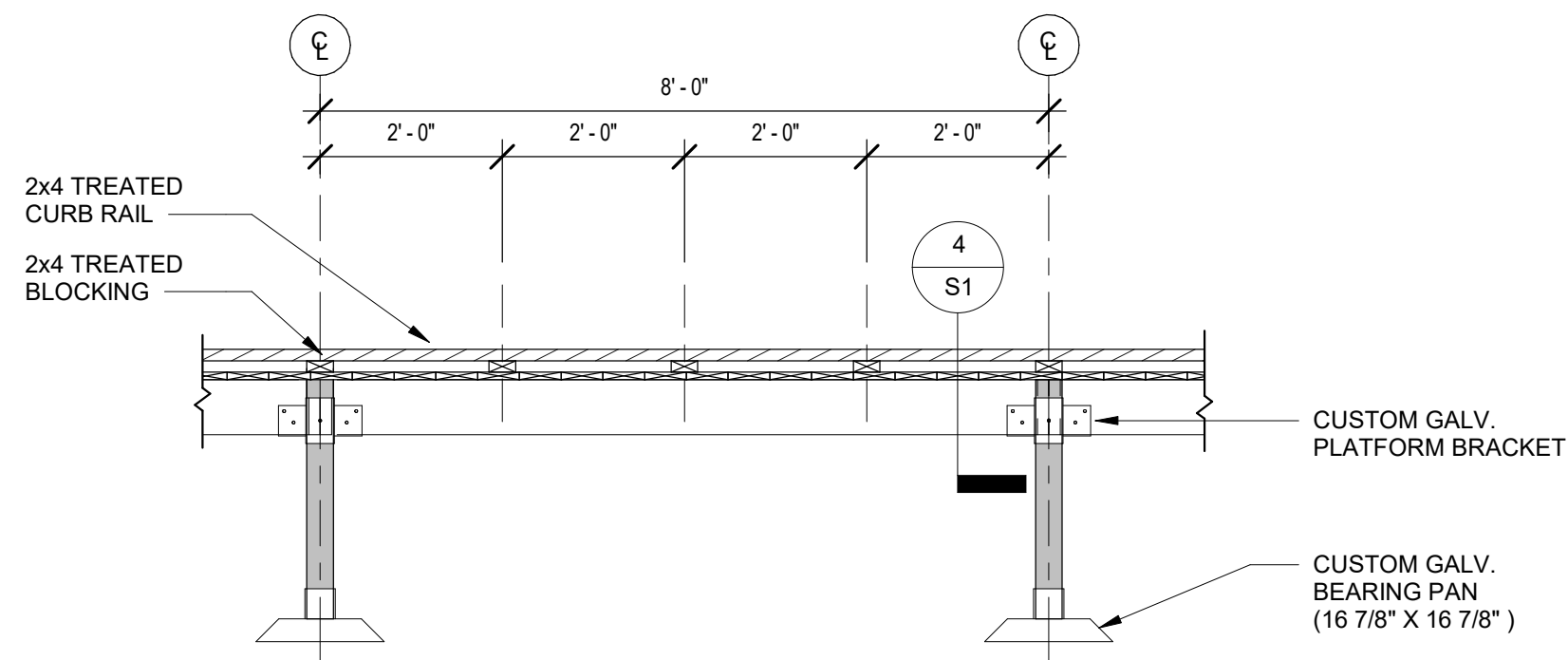
6  
SI 11/2" x 1'-0"

**BEARING PAN - STANDARD**



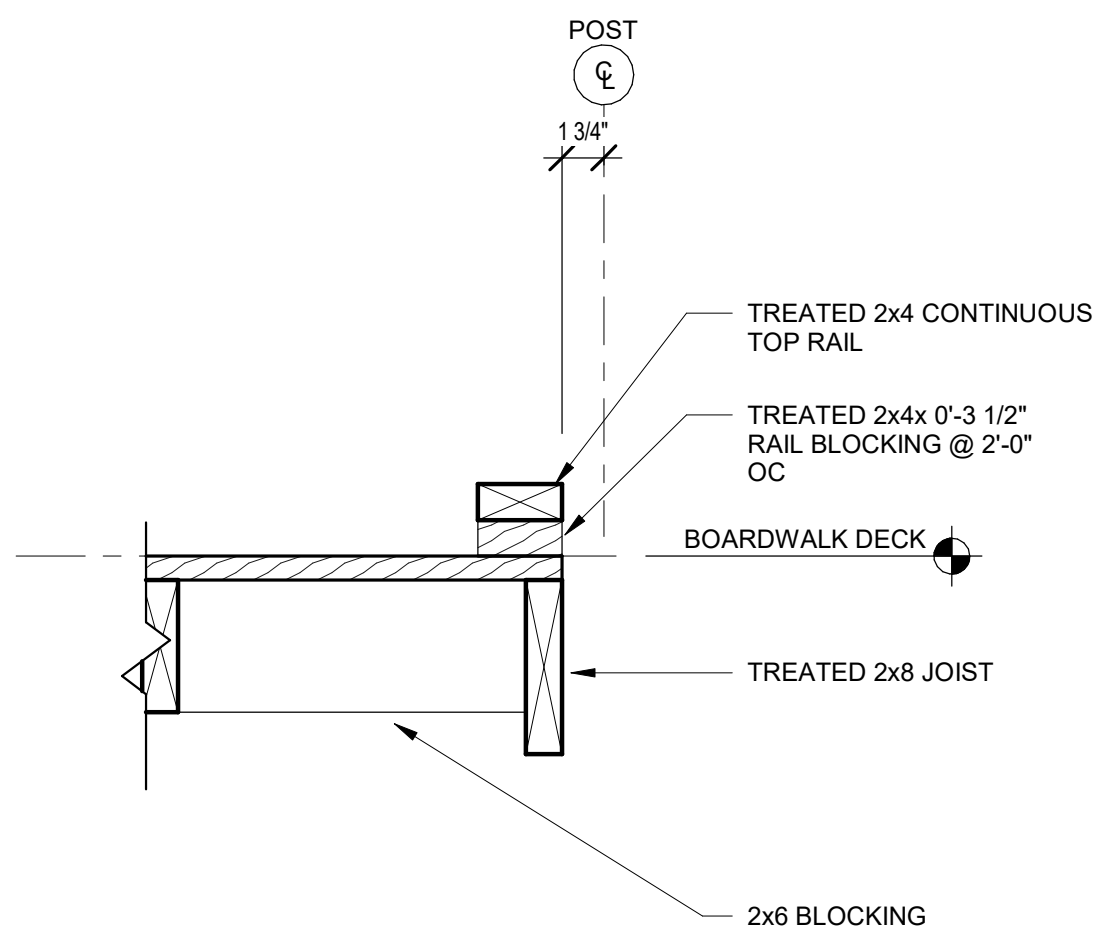
4  
SI 11/2" x 1'-0"

**BOARDWALK POST CONNECTION DETAIL**



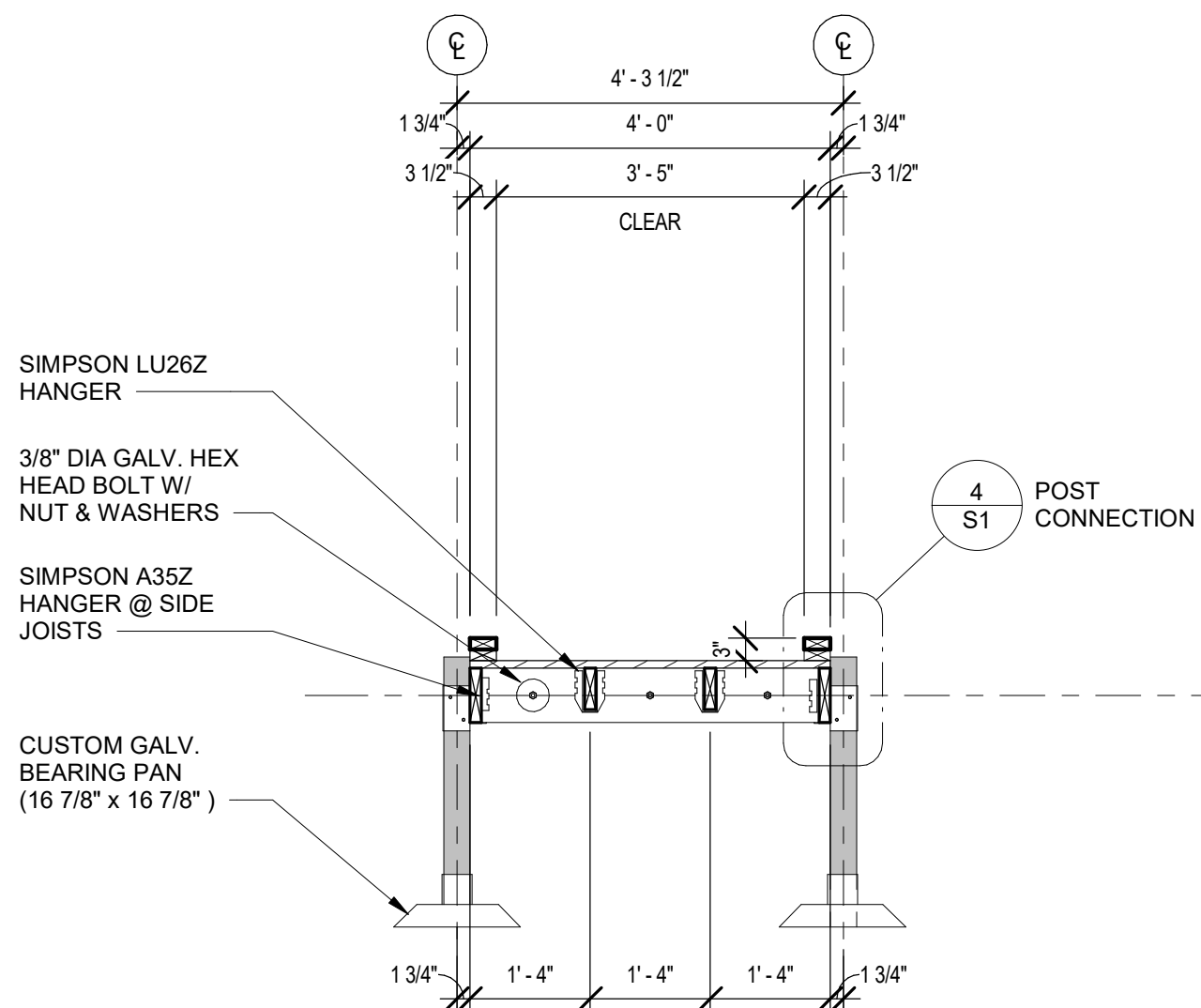
2  
SI 1/2" x 1'-0"

**BOARDWALK SIDE ELEVATION**



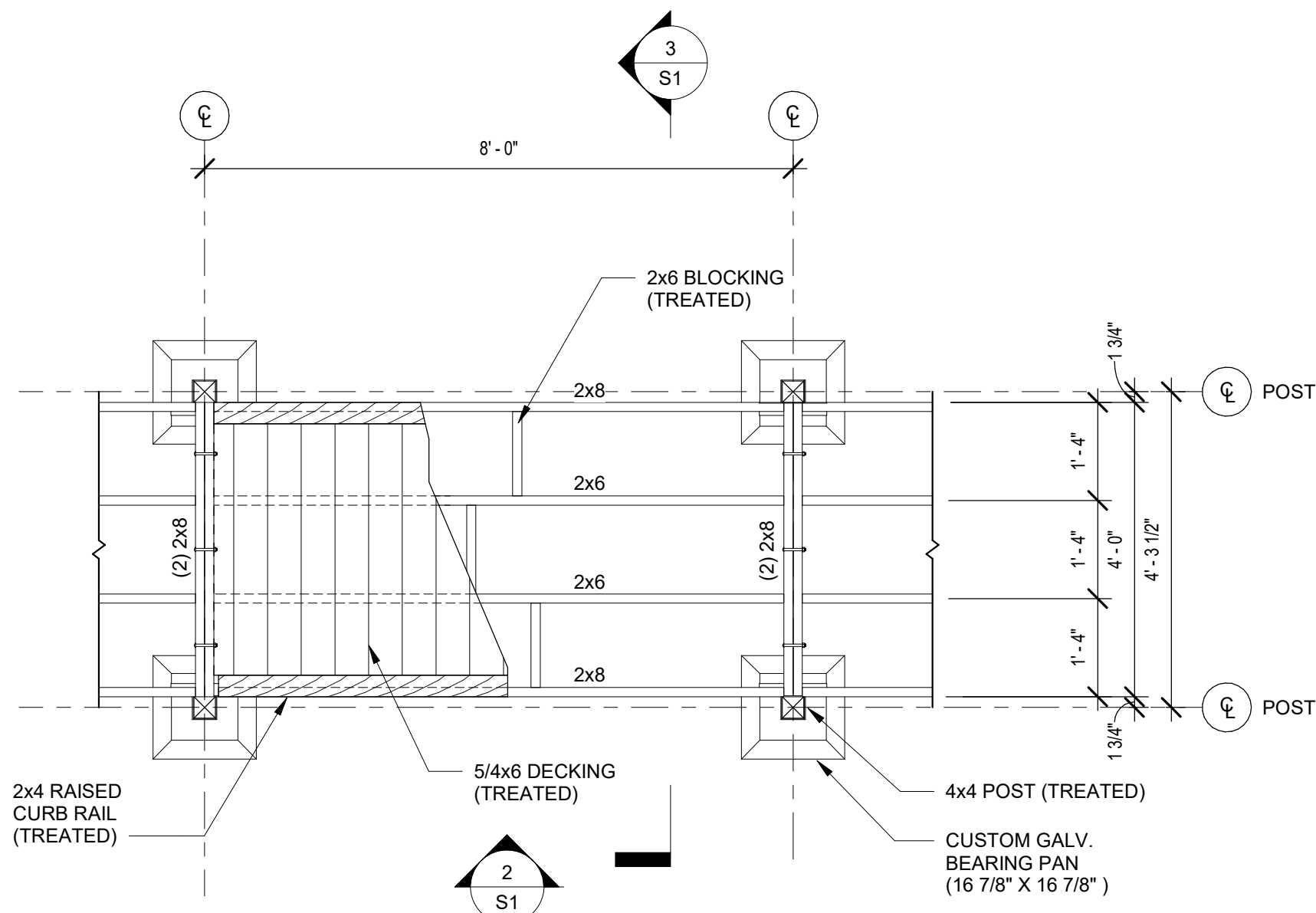
5  
SI 11/2" x 1'-0"

**BOARDWALK RAILING BRACKET**



3  
SI 1/2" x 1'-0"

**BOARDWALK CROSS-SECTION**



1  
SI 1/2" x 1'-0"

**BOARDWALK PLAN - TYPICAL PANEL**

## 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     | = | N/A     |

|                    |   |        |
|--------------------|---|--------|
| MATERIAL STRESSES: |   |        |
| WOOD DECKING:      | = | SYP #1 |
| WOOD JOISTS        | = | SYP#1  |
| WOOD CURB RAILS    | = | 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

**CUSTOM**  
MANUFACTURING INC.

Project Name:  
**4 FT BOARDWALK**

Standard  
City, State

Sheet Title  
**BOARDWALK PLAN & DETAILS**

Revisions:

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

Sheet Number

**S1**

**ONE DESIGN & ENGINEERING**  
Est. 2020

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