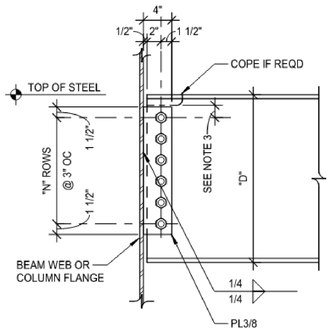
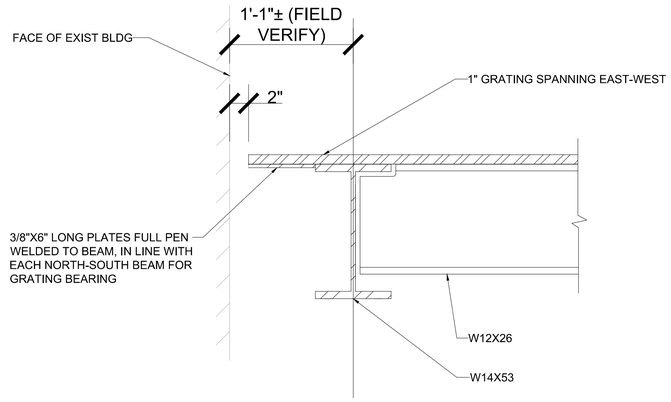


SINGLE PLATE BEAM CONN SCHEDULE	
NOMINAL BEAM SIZE "D"	NUMBER OF BOLT ROWS "N"
W8	2
W10	2
W12	3
W14	3
W16	4
W18	5
W21	6
W24	6
W27	7
W30	8
W33	9
W36	10

NOTES:
1. ALL BOLTS SHALL BE F3125, GRADE A325 UNLESS NOTED OTHERWISE.
2. PROVIDE MINIMUM BOLT NUMBER BOLTS TYPICAL. WHERE BOLT ROWS AND/OR BOLT DIAMETER AS INDICATED I.E. 4'-1"Ø AT CONNECTION, INCREASE NUMBER OF ROWS AND/OR BOLT DIAMETER AS INDICATED.
3. MINIMUM DISTANCE FROM TOP BOLT TO A COPE SHALL BE 1 1/2". INCREASE DISTANCE FROM TOP OF BEAM TO TOP OF BOLT, IF REQUIRED.
4. USE ONLY SHORT HORIZONTAL SLOTTED HOLES.

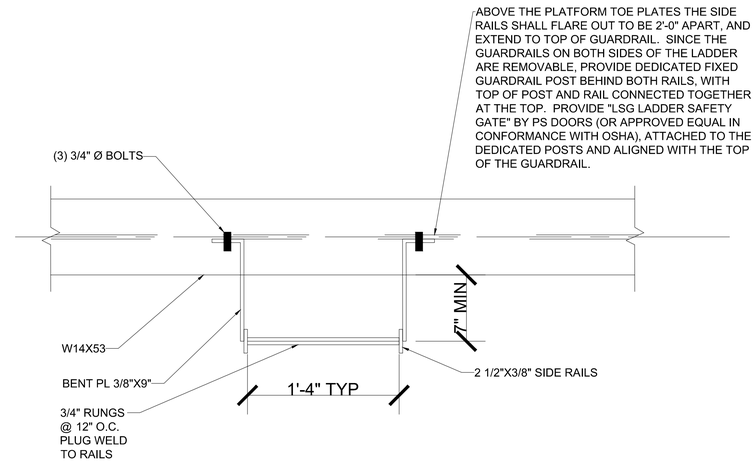
1 TYPICAL SINGLE PLATE SHEAR CONNECTION (SHEAR TAB) W/ 3/4" Ø BOLTS

SCALE: 1" = 1'-0"



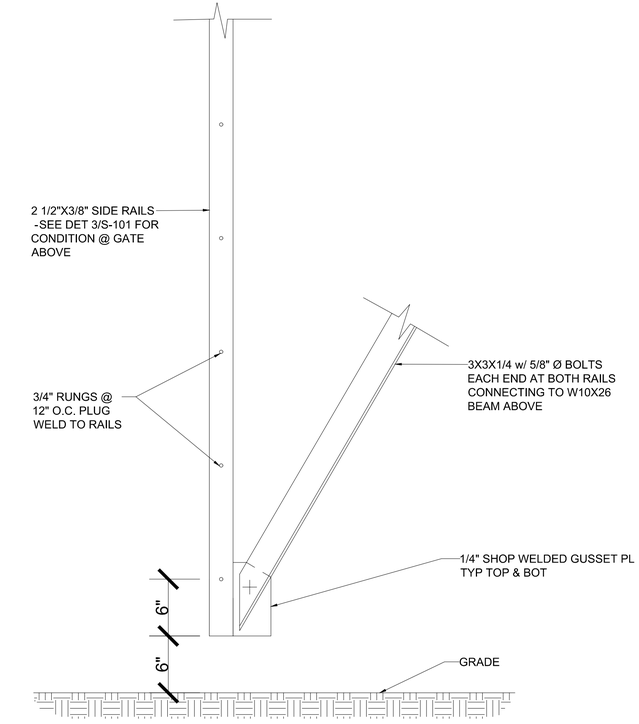
2 SECTION

SCALE: 1 1/2" = 1'-0"



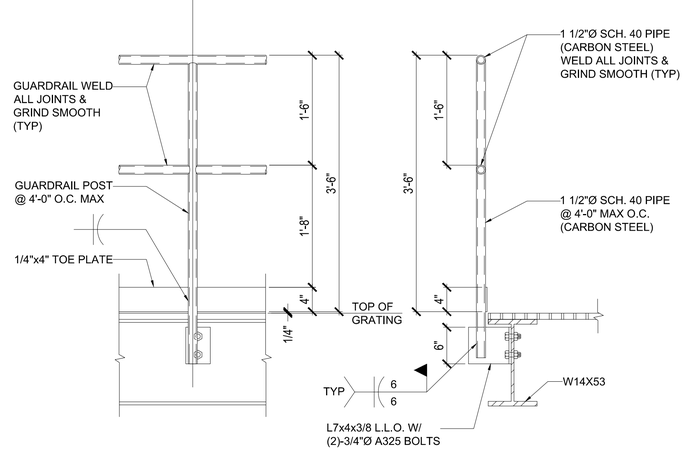
3 TOP LADDER CONNECTION DETAIL

SCALE: 1 1/2" = 1'-0"



4 SECTION

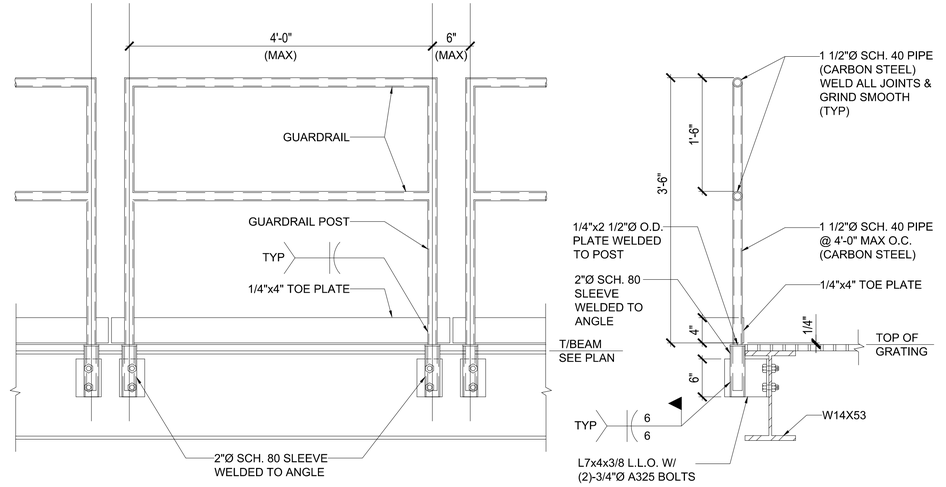
SCALE: 1 1/2" = 1'-0"



NOTES:
1. ALL RAILS AND POST = 1 1/2"Ø SCH. 40 PIPE, GALVANIZED.
2. TOUCH UP GALVANIZED SURFACES DAMAGED BY FIELD WELDING WITH ZRC COLD GALVANIZING PAINT.

5 FIXED GUARDRAIL DETAILS

SCALE: 1" = 1'-0"



6 REMOVABLE GUARDRAIL DETAILS

SCALE: 1" = 1'-0"

FINAL CONSTRUCTION DOCUMENTS

A/E FIRM PRIME: KENNETH HAHN ARCHITECTS, INC. OMAHA, NE. SUBCONTRACTOR: ALVINE ENGINEERING OMAHA, NE.	DESIGNED: NRJ DRAWN BY: MF TECH. REVIEW: NRJ DATE: 2/15/2024	SUB SHEET NO. S-101	TITLE OF SHEET DETAILS & SECTIONS BUCKSTAFF BATHHOUSE HVAC HOT SPRINGS NATIONAL PARK HOT SPRINGS, AK	DRAWING NO. PMIS NO. 177425 SHEET 4 OF 60

Feb 15, 2024 - 12:49pm \\oa.ad.oaconsulting.com\fnfs-rs1\projects-dnver\2022\055001-055500\023-055001\40-Design\Revit\01-SD\00-Project Content\ 145-090 WCBP Buckstaff XFP901 _ STRC.dwg - USER mfujan