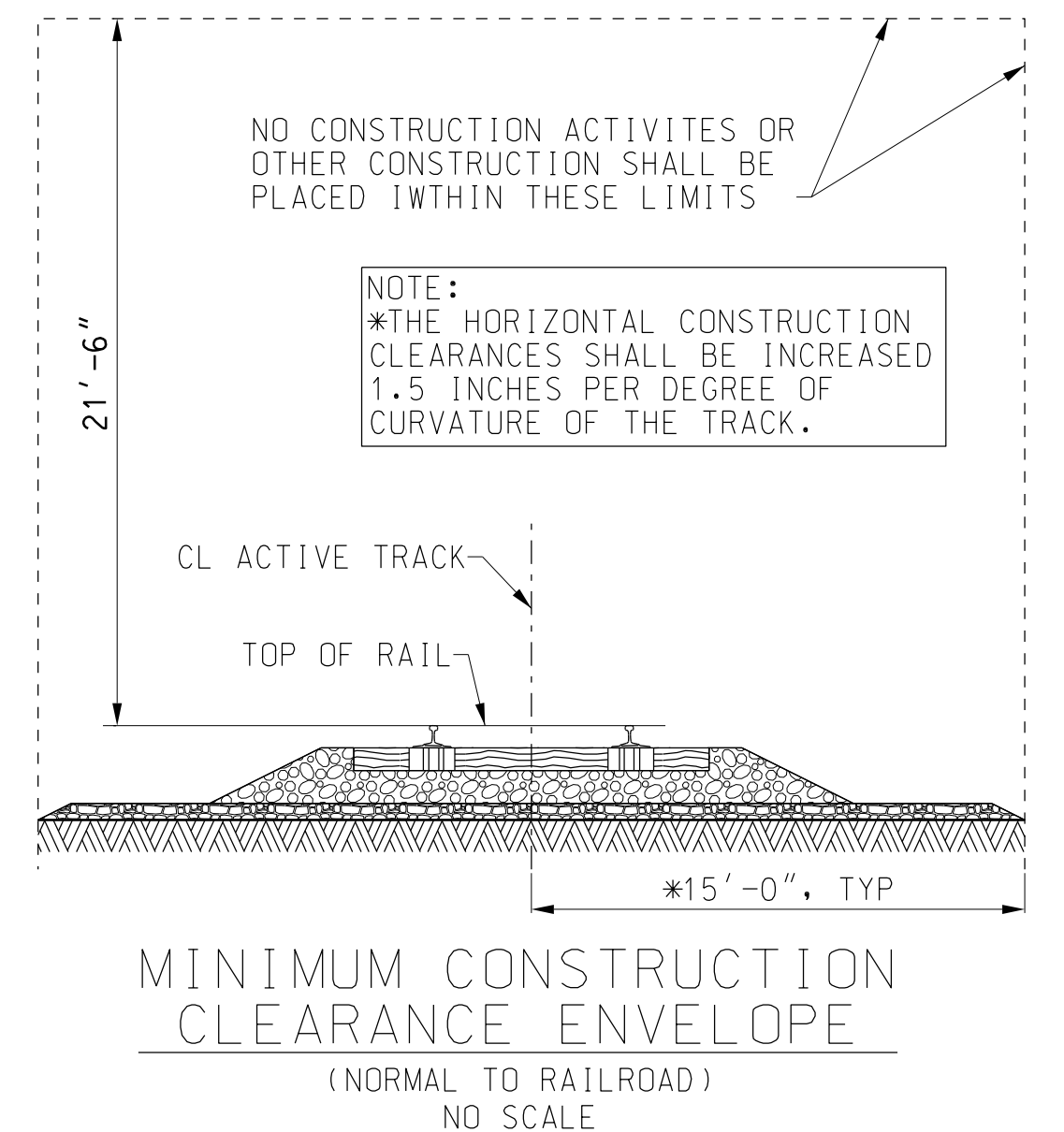




APPROX	APPROXIMATE
CIDH	CAST-IN-DRILLED-HOLE
CL	CENTERLINE
CLR	CLEARANCE
DIA	DIAMETER
ELEV	ELEVATION
FG	FINISHED GRADE
MIN	MINIMUM
OG	ORIGINAL GROUND
PROP	PROPOSED
R/W	RIGHT-OF-WAY
T/R	TOP OF RAIL
VERT	VERTICAL

1. ALL WORK REQUIREMENTS SHOWN ON THESE DRAWINGS AND NOT OTHERWISE DETAILED SHALL BE ACCOMPLISHED AS SPECIFIED IN THE UPRR/BNSF GUIDELINES FOR RAILROAD GRADE SEPARATION PROJECTS (2016) AND THE AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION (AREMA) MANUAL FOR RAILWAY ENGINEERING (2023). IN THE EVENT OF CONFLICTS BETWEEN SPECIFICATIONS, THE MORE RESTRICTIVE SHALL APPLY.
2. CONSTRUCTION MEANS AND METHODS SHALL COMPLY WITH ALL APPLICABLE LAWS, PERMITS AND AGREEMENTS.
3. ALL INFORMATION SHOWN ON THESE DRAWINGS REGARDING LOCATION OF THE EXISTING TRACKS, EXISTING STRUCTURES AND EXISTING GROUND ELEVATIONS ARE BASED ON A SITE SURVEY PERFORMED BY CINQUINI & PASSARINO, DATED APRIL 24, 2023 AND ON DRAWINGS OF THE EXISTING STRUCTURES PROVIDED BY CALIFORNIA DEPARTMENT OF TRANSPORTATION.
4. THE EXISTING STRUCTURES ARE TO REMAIN IN SERVICE DURING CONSTRUCTION OF THE NEW STRUCTURES. ALL TRACK CURFEWS SHALL BE COORDINATED WITH BNSF.
5. COORDINATE ALL CONSTRUCTION ACTIVITIES WITH BNSF AND THE PORT OF STOCKTON AS REQUIRED. FOR COORDINATION WITH BNSF, REFER TO THE RAILROAD'S COORDINATION REQUIREMENTS IN THE BNSF STANDARD CONSTRUCTION SPECIFICATIONS, ISSUED 08-01-2023.
6. BEFORE ORDERING ANY MATERIAL, THE CONTRACTOR SHALL MAKE A DETAILED FIELD INSPECTION OF THE SITE VERIFYING ALL PERTINENT DIMENSIONS AND ELEVATIONS. ANY VARIATIONS IN DIMENSIONS OR ELEVATIONS FROM THOSE SHOWN ON THE DRAWINGS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND BNSF PRIOR TO CONSTRUCTION.
7. ISOLATION CASING SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF PROPOSED LD02 TRACK.
8. REFER TO TRACK PLANS FOR TRACK AND GRADING INFORMATION.
9. ANY MODIFICATIONS TO THIS DESIGN SHALL BE APPROVED BY THE ENGINEER, BNSF, AND CALIFORNIA DEPARTMENT OF TRANSPORTATION PRIOR TO CONSTRUCTION.
10. ALL PERMANENT CLEARANCES SHALL BE VERIFIED BEFORE PROJECT CLOSEOUT.



THE CONTRACTOR MUST VERIFY ALL
CONTROLLING FIELD DIMENSIONS BEFORE
ORDERING OR FABRICATING ANY MATERIAL.
NOT ALL EXISTING TRACKS SHOWN.

SCALE: 1" = 30' - 0"

SCALE: $1'' = 30' - 0''$

⊕ INDICATES POINT OF MINIMUM VERTICAL CLEARANCE

ISSUED FOR BID NOT FOR CONSTRUCTION

			
		08/31/26	ISSUED FOR BID
	ISSUE	DATE	DESCRIPTION



SCALE	AS NOTED
DESIGNED BY	KG.
DRAWN BY	TM
CHECKED BY	CL
APPROVED BY	
DATE	08/31/2026

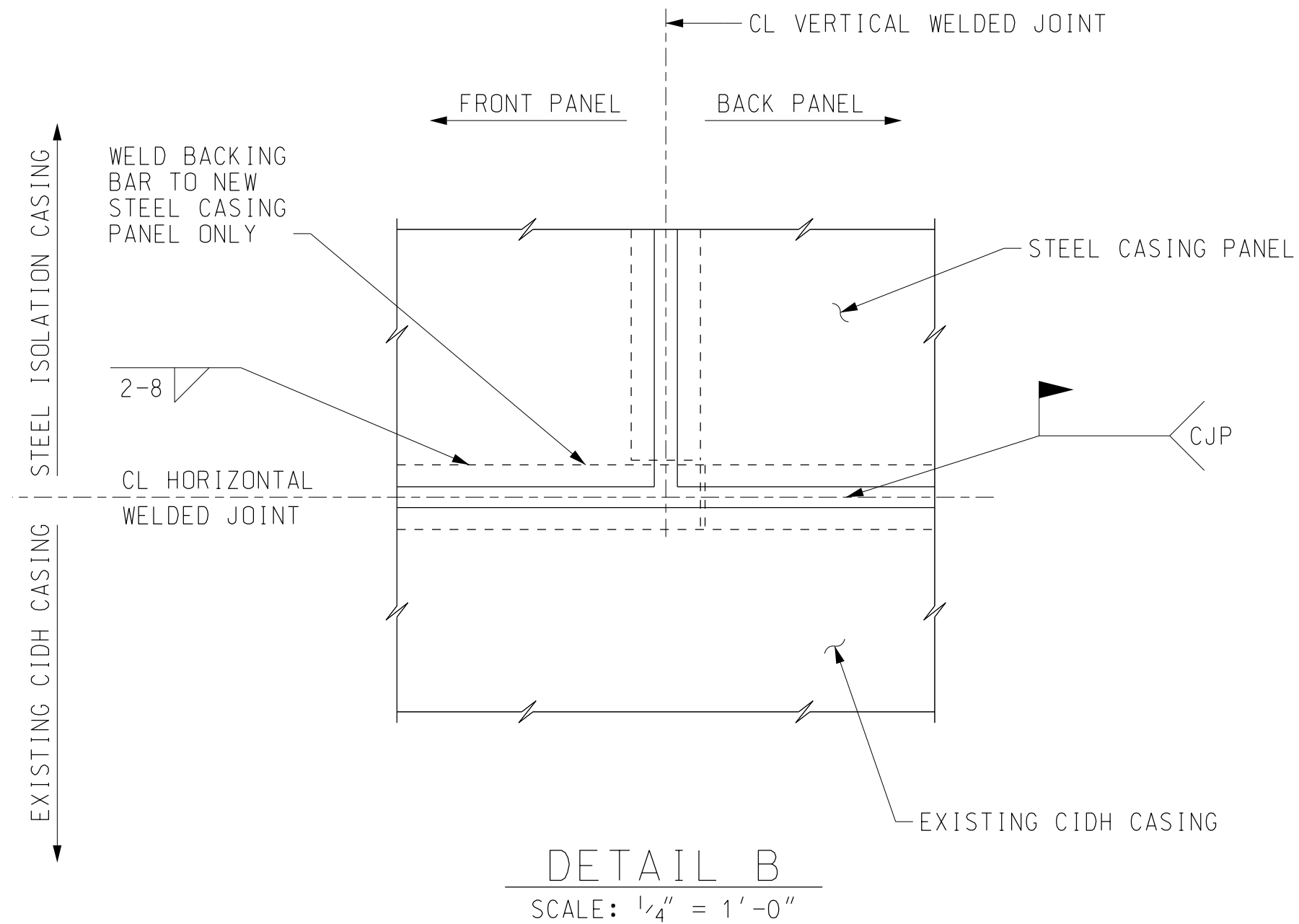
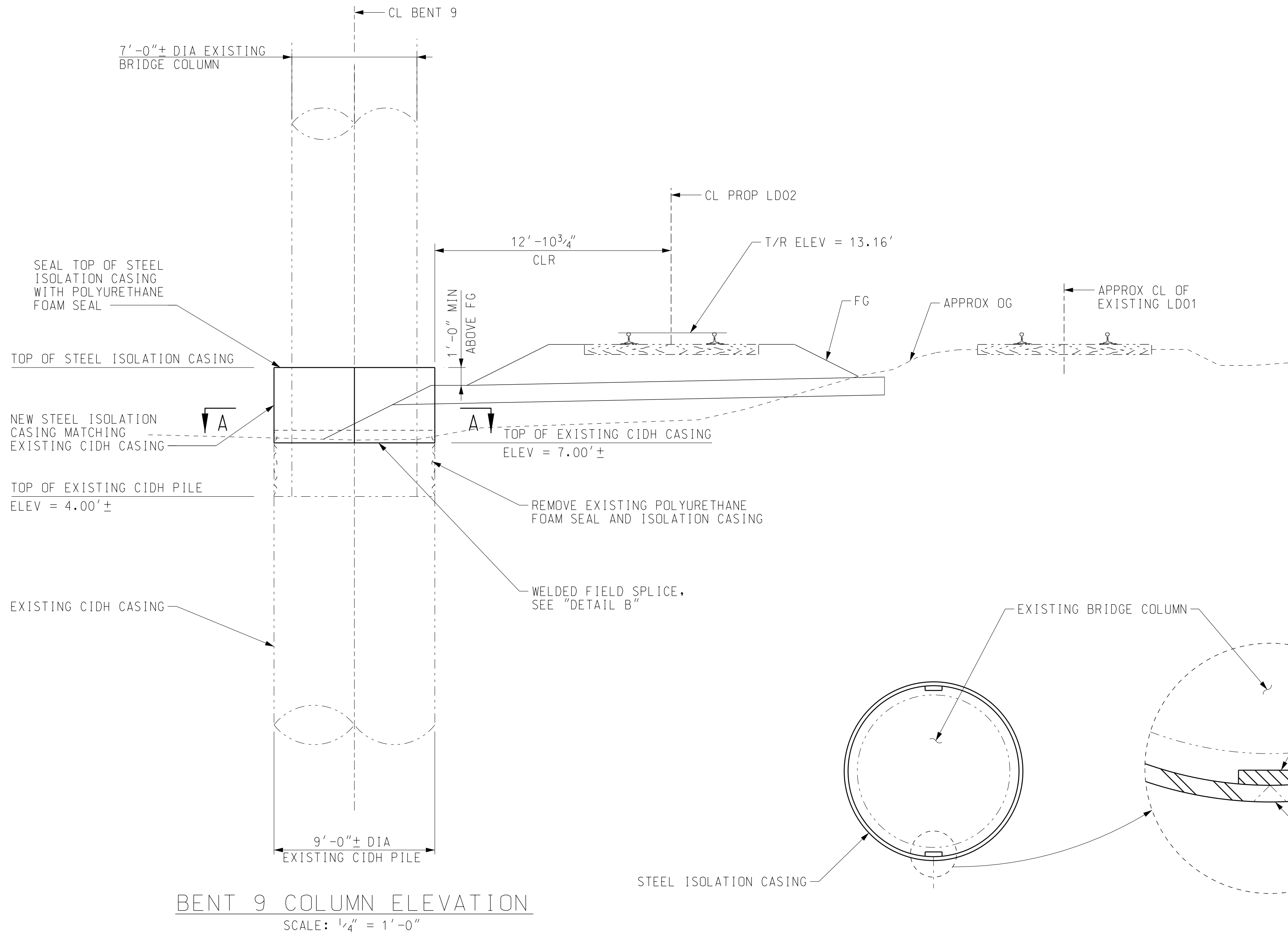


**PORT OF STOCKTON
RAIL BRIDGE AND RAIL IMPROVEMENTS**

**SR4 CROSSTOWN VIADUCT
(CALTRANS BRIDGE NO. 29-0350)
BENT 9 COLUMN STEEL ISOLATION CASING**

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA	LATITUDE: 37.94023°N		LONGITUDE: 121.31676°W	
PART OF STOCKTON E AND RAIL IMPROVEMENTS 4 CROSSTOWN VIADUCT TRANS BRIDGE NO. 29-0350) COLUMN STEEL ISOLATION CASING	STOCKTON SUBDIVISION MP 1122.88 TO MP 1125.83			
	GENERAL PLAN (SR4 CROSSTOWN VIADUCT BENT 9 COLUMN STEEL ISOLATION CASING)			
	PROJECT NO:	SHEET NO: S01	SHEET:	OF 1 2

File Location: p:\projects\hdp_us\veg_01\documents\720103071010_CAD_BIM\2_1\BIM\2_16_CONTRACT DOCUMENTS\Structural Sheets\Bent 9 Column Casing\Bent 9 Column Casing.dgn

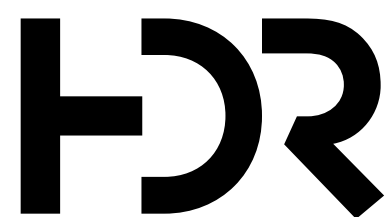


NOTES:

- ELEVATION SHOWN IN PROPOSED LD02 TRACK UP-STATION DIRECTION. THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSION BEFORE ORDERING OR FABRICATING ANY MATERIAL.
- THE CONTRACTOR SHALL FIELD MEASURE THE WALL THICKNESS OF THE EXISTING CIDH CASING. THE NEW STEEL ISOLATION CASING SHALL HAVE THE SAME WALL THICKNESS AS THE EXISTING CIDH CASING.
- THE NEW STEEL ISOLATION CASING SHALL COMPLY WITH ASTM A572, GRADE 50.
- WELDING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN AWS D1.1.
- REFER TO TRACK PLANS FOR TRACK AND GRADING INFORMATION.

ISSUED FOR BID NOT FOR CONSTRUCTION

THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



	08/31/26	ISSUED FOR BID
ISSUE	DATE	DESCRIPTION

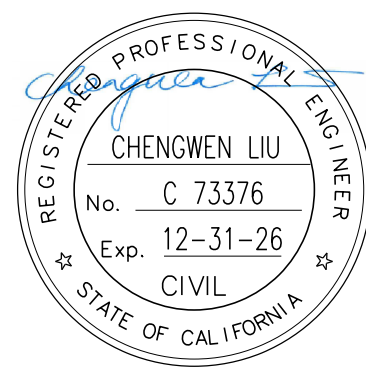


Know what's below.
Call before you dig.



BRIDGE ENGINEERING KANSAS CITY, KS

SCALE	AS NOTED
DESIGNED BY	KGJ
DRAWN BY	TM
CHECKED BY	CL
APPROVED BY	
DATE	08/31/2026



**PORT OF STOCKTON
RAIL BRIDGE AND RAIL IMPROVEMENTS
SR4 CROSSTOWN VIADUCT
(CALTRANS BRIDGE NO. 29-0350)
BENT 9 COLUMN STEEL ISOLATION CASING**

STOCKTON, SAN JOAQUIN COUNTY, CALIFORNIA	LATITUDE: 37.94023°N	LONGITUDE: 121.31676°W
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STOCKTON SUBDIVISION
MP 1122.88 TO MP 1125.83

STEEL ISOLATION CASING DETAILS

PROJECT NO:	SHEET NO: S02	SHEET: 2 OF 2
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