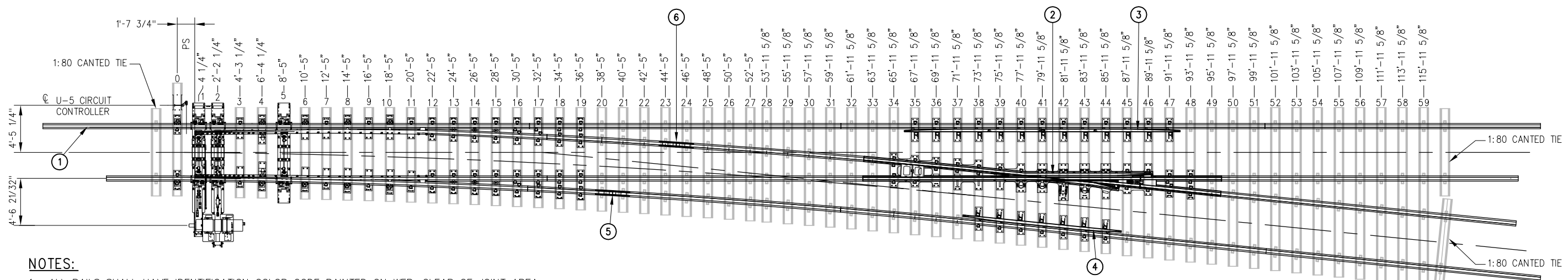
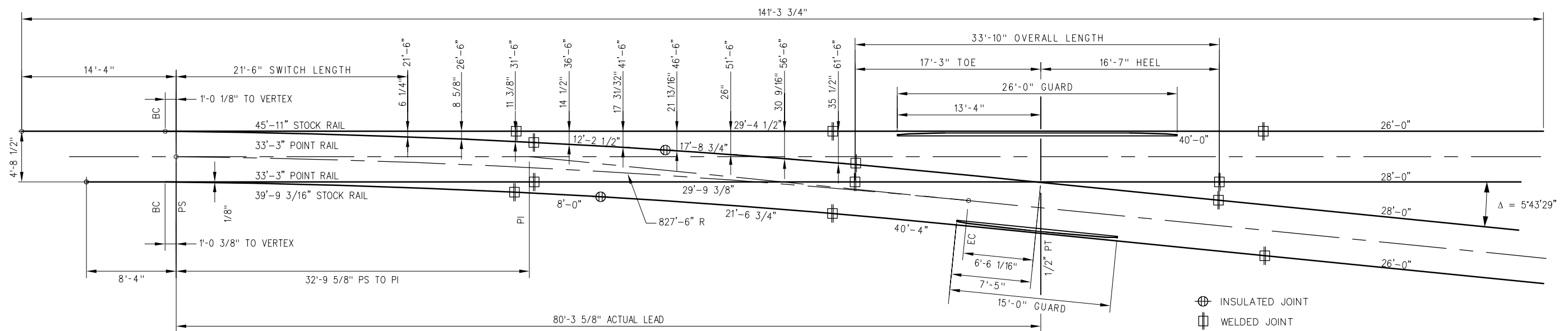


BILL OF MATERIAL				BILL OF MATERIAL			
ITEM	QTY	DESCRIPTION	DWG NO	ITEM	QTY	DESCRIPTION	DWG NO
1	1	SWITCH PACK, NO 10-136 LB RE MODIFIED TANGENTIAL, RH, HST	SD-2508	12	1	DRILLED RAIL, 136 LB RE, 40'-4" LONG	-
2	1	FROG PACK, NO 10-136 LB RE WSM, RH	SD-2523	13	276	TIE SCREW, CONCRETE 7/8" DIAMETER x 6" HEX HEAD	-
3	1	GUARD RAIL ASSEMBLY BOLTLESS, 26'-0" LG, 136 LB RE RAISED 1", STRAIGHT	SD-2301	14	276	WASHER FLAT 7/8" TYPE A NARROW 15/16" x 1 3/4" x 0.134"	-
4	1	GUARD RAIL ASSEMBLY BOLTLESS, 15'-0" LG, 136 LB RE RAISED 1", RH	SD-2534	15	276	SPRING WASHER, DOUBLE COIL (Fe6)	-
5	1	INSULATED RAIL ASSEMBLY, 29'-6 3/4" C/W BONDED INSULATED JOINT	-	16	1	CONCRETE TIE SET, 0-59 + (3) 1:80 TIES, PLATE PADS, RH	-
6	1	INSULATED RAIL ASSEMBLY, 29'-11 1/4" C/W BONDED INSULATED JOINT	-	17	224	CLIP PANDROL E2055	-
7	2	DRILLED RAIL, 136 LB RE, 26'-0" LONG	-	18	224	INSULATOR PANDROL FEATURES BASE HOLDOWN NYLON HD-10	-
8	2	DRILLED RAIL, 136 LB RE, 28'-0" LONG	-	19	8	CLIP PANDROL E2063	-
9	1	DRILLED RAIL, 136 LB RE, 29'-4 1/2" LONG	-	20	8	INSULATION, PANDROL NYLON 6790	-
10	1	DRILLED RAIL, 136 LB RE, 29'-9 3/8" LONG	-	21	116	TIE PAD PANDROL 6993SR	-
11	1	DRILLED RAIL, 136 LB RE, 40'-0" LONG	-	22	138	SHIM, TO REDUCE PLATE FLEXURE	-



NOTES:

1. ALL RAILS SHALL HAVE IDENTIFICATION COLOR CODE PAINTED ON WEB, CLEAR OF JOINT AREA
2. RAIL LENGTHS ALLOW 1/8" GAP BETWEEN RAIL JOINTS FOR WELDING
3. GUARD RAILS ARE RAISED 1" AND FORM A 1 7/8" FLANGWAY
4. COORDINATE SWITCH MACHINE AND MACHINE PLATE (NIC) WITH CALTRAIN
5. ALL TIE LENGTHS SHALL INCLUDE 1'-9" FROM TIE ENDS TO RAIL CENTERLINE, EXCEPT AS NOTED AND 1:80 CANTED TIES
6. TIGHTEN TIE SCREW WITH DOUBLE COIL SPRING WASHER IN PLACE

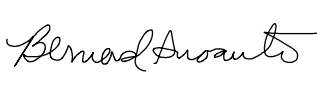

TURNOUT DATA:


FROG		SWITCH		ACTUAL LEAD:	80'-3 5/8"
#10 FROG ANGLE:	5'43'29"	LENGTH OF POINTS:	21'-6" / 33'-3"	CLOSURE AREA	
TOE LENGTH:	17'-3"	ENTRY ANGLE:	0'37'11"	CENTERLINE RADIUS:	827'-6"
HEEL LENGTH:	16'-7"	VERTEX DISTANCE:	VARIABLE PER SIDE	DEGREE OF CURVE:	6'55'41"
TOTAL LENGTH:	33'-10"	THICKNESS AT POINT:	1/8"	DESIGN SPEEDS:	
		CENTERLINE RADIUS:	827'-6"	25 MPH PASSENGER @ 3" UNBALANCE	
		THROW AT ROD #1:	4 3/4"	15 MPH FREIGHT @ 2" UNBALANCE	

REV	DATE	BY	CHK	APP	DESCRIPTION

PENINSULA CORRIDOR JOINT POWERS BOARD

APPROVED BY:



1250 San Carlos Avenue
San Carlos, CA 94070

STANDARD DRAWINGS

SPECIAL TRACKWORK
NO 10 TURNOUT
NO 10 RH TURNOUT WITH WSM FROG AND HST
SWITCH MACHINE ON TURNOUT SIDE

CADD FILE NO:	SD-2504
REV	DATE
0	093011
SPECIAL TRACKWORK	
STANDARD NO.:	SD-2504