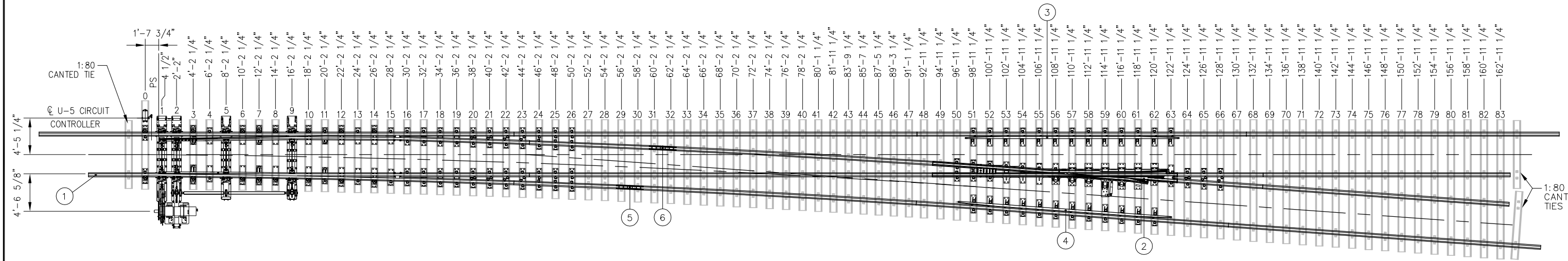
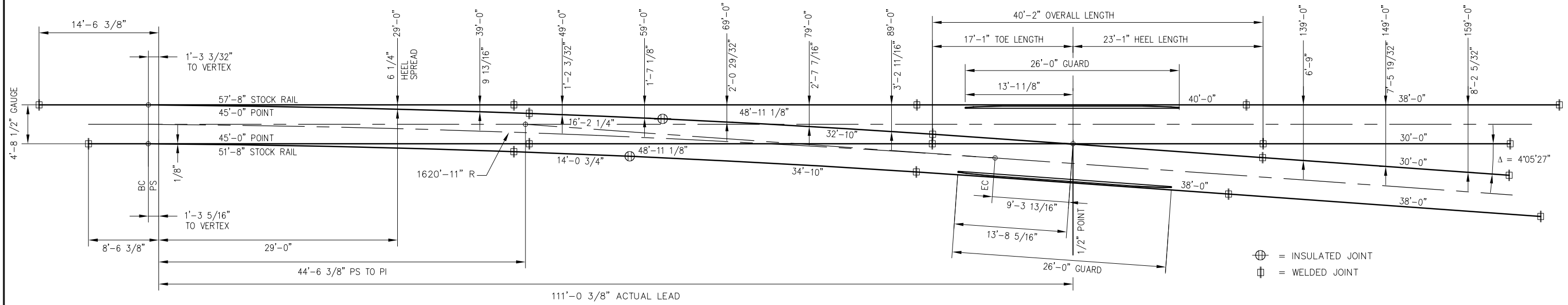


BILL OF MATERIAL				BILL OF MATERIAL			
ITEM	QTY	DESCRIPTION	DWG NO	ITEM	QTY	DESCRIPTION	DWG NO
1	1	SWITCH PACK, NO 14-136 LB RE MODIFIED TANGENTIAL, RH, HST	SD-2608	11	352	TIE SCREW, CONCRETE 7/8" DIA x 6" HEX HEAD	-
2	1	FROG PACK, NO 14-136 LB RE WSM, RH	SD-2624	12	352	WASHER FLAT 7/8" TYPE A NARROW 15/16" x 1 3/4" x 0.134"	-
3	1	GUARD RAIL ASSEMBLY BOLTLESS, 26'-0" LONG, 136 LB RE RAISED 1", STRAIGHT	SD-2301	13	352	SPRING WASHER, DOUBLE COIL (Fe6)	-
4	1	GUARD RAIL ASSEMBLY BOLTLESS, 26'-0" LONG, 136 LB RE RAISED 1", RH	SD-2636	14	1	CONCRETE TIE SET, 0-83 + (3) 1:80 TIES, PLATE PADS, PIM INSERTS, RH	SD-2617
5	1	INSULATED RAIL ASSEMBLY, 48'-10 3/4" C/W BONDED INSULATED JOINT	-	15	342	CLIP PANDROL E2055	-
6	1	INSULATED RAIL ASSEMBLY, 49'-1 1/4" C/W BONDED INSULATED JOINT	-	16	342	INSULATOR PANDROL FEATURES BASE HOLDOWN NYLON HD-10	-
7	2	DRILLED RAIL, 136 LB RE, 30'-0" LONG	-	17	8	CLIP PANDROL E2063	-
8	3	DRILLED RAIL, 136 LB RE, 38'-0" LONG	-	18	8	INSULATION, PANDROL NYLON 6790	-
9	1	DRILLED RAIL, 136 LB RE, 40'-0" LONG	-	19	175	TIE PAD PANDROL 6993SR	-
10	2	DRILLED RAIL, 136 LB RE, 48'-11 1/8" LONG	-	20	176	SHIM, TO REDUCE PLATE FLEXURE	-



**NOTES:**

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

**TURNOUT DATA**

<b>FROG</b>	ANGLE	4°05'27"	ACTUAL LEAD:	111'-3 3/8"
	TOE LENGTH:	17'-1"	CLOSURE AREA	
	HEEL LENGTH:	23'-1"	CENTERLINE RADIUS:	1620'-11"
	TOTAL LENGTH:	40'-2"	DEGREE OF CURVE:	3°32'07"
<b>SWITCH</b>	LENGTH OF POINTS:	45'-0"	<b>DESIGN SPEEDS</b>	
	VERTEX DISTANCE:	1'-3 7/32"	35 MPH PASSENGER @ 3" UNBALANCE	
	ENTRY ANGLE:	0°29'50"	25 MPH FREIGHT @ 2" UNBALANCE	
	THICKNESS AT POINT:	1/8"		
	THROW AT ROD #1:	4 3/4"		

REV	DATE	BY	CHK	APP	DESCRIPTION

**PENINSULA CORRIDOR JOINT POWERS BOARD**

APPROVED BY:






1250 San Carlos Avenue  
San Carlos, CA 94070

STANDARD DRAWINGS		CADD FILE NO.:
<b>SPECIAL TRACKWORK</b>		SD-2604
<b>NO 14 TURNOUT</b>		REV 0 DATE 093011
<b>NO 14 RH TURNOUT WITH WSM FROG AND HST SWITCH MACHINE ON TURNOUT SIDE</b>		SPECIAL TRACKWORK
STANDARD NO.:		SD-2604