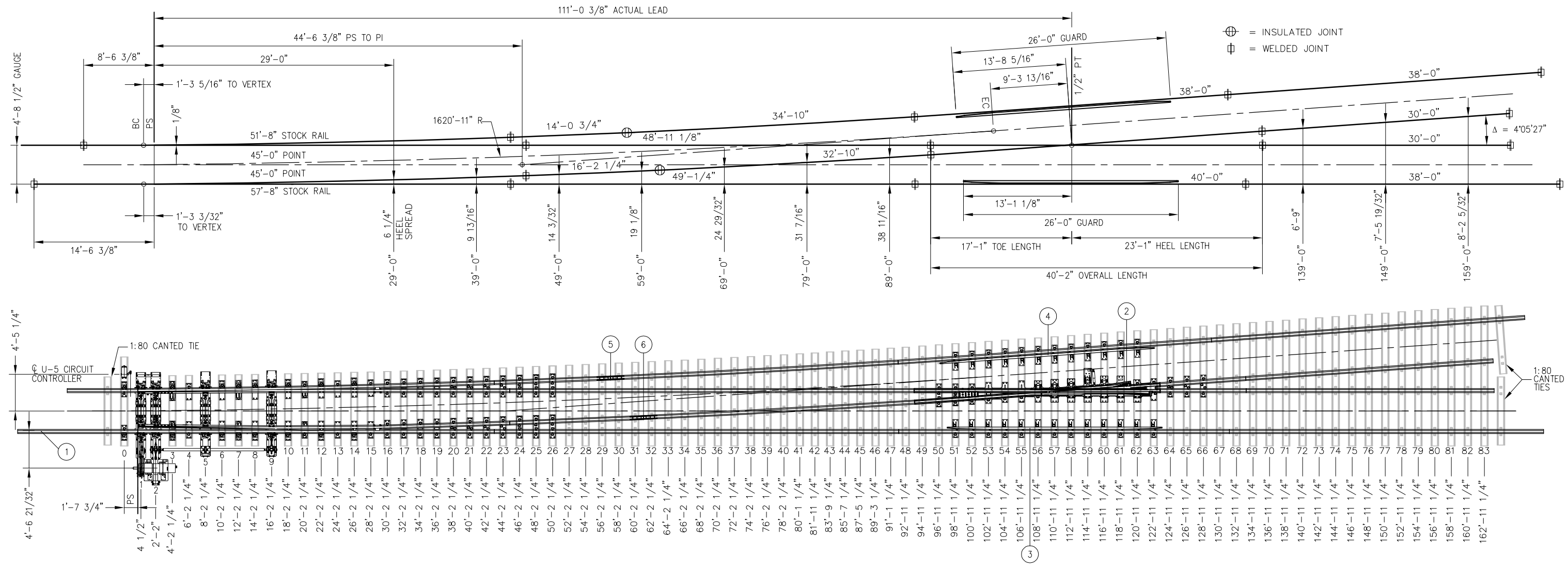


BILL OF MATERIAL				BILL OF MATERIAL			
ITEM	QTY	DESCRIPTION	DWG NO	ITEM	QTY	DESCRIPTION	DWG NO
1	1	SWITCH PACK, NO 14-136 LB RE MODIFIED TANGENTIAL, LH, HST	SD-2605	11	352	TIE SCREW, CONCRETE 7/8" DIA X 6" HEX HEAD	-
2	1	FROG PACK, NO 14-136 LB RE WSM, LH	SD-2623	12	352	WASHER FLAT 7/8" TYPE A NARROW 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", LH	SD-2635	14	1	CONCRETE TIE SET, 0-83 + (3) 1:80 TIES, PLATE PADS, PIM INSERTS, LH	SD-2618
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'-0 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:

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
7. SCHWIHAG ROLLERS SHALL BE INSTALLED AND ADJUSTED IN THE FIELD

TURNOUT DATA

FROG	ANGLE	4°05'27"	ACTUAL LEAD:	111'-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"

SWITCH

LENGTH OF POINTS:	45'-0"
VERTEX DISTANCE:	1'-3 7/32"
ENTRY ANGLE:	0°29'50"
THICKNESS AT POINT:	1/8"
THROW AT ROD #1:	4 3/4"

DESIGN SPEEDS

35 MPH PASSENGER @ 3" UNBALANCE
25 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 14 TURNOUT
NO 14 LH TURNOUT WITH WSM FROG AND HST
SWITCH MACHINE ON MAINLINE SIDE

GADD FILE NO.:	SD-2601
REV	DATE
0	093011
SPECIAL TRACKWORK	
STANDARD NO.:	SD-2601