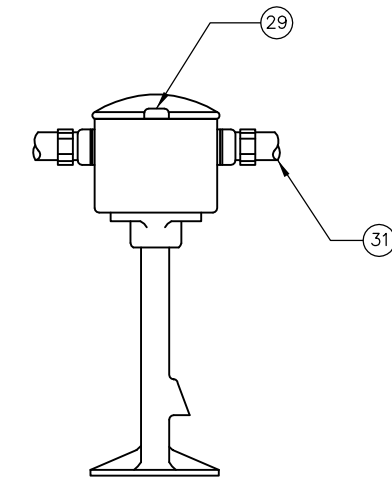


SWITCH LOCK TO BE PLACED AS CLOSE TO SWITCH STAND AS POSSIBLE WITHOUT INTERFERING WITH THROW BUT IN NO CIRCUMSTANCE BE CLOSER THAN 6' OF C/L.

ITEM #	DESCRIPTION / MATERIAL/ APPROX. SIZE	NO. REQ'D
1	U-5 SWITCH CIRCUIT CONTROLLER, 4 POINT CAM, 2 POSITION W/ SPRING, 3/4" OFFSET CRANK & INSULATED BALL STUD	1
2	CIRCUIT CONTROLLER CONNECTING ROD, NEAR SIDE	1
3	CONTROLLER SOCKET, STRAIGHT, ASSEMBLY	1
4	SWIVEL FRONT ROD, HIGH PROFILE	1
5	POINT LUG, BALL END	1
6	SWIVEL POINT LUG	2
7	PLATE WASHER	2
8	LOCKROD CONNECTING ROD, ELECTRIC LOCK	1
9	TIE STRAP, DOUBLE OFFSET, 2-TIE	1
10	TIE STRAP, FLAT, 2-TIE	1
11	TIE STRAP, FLAT, 4-TIE	1
12		
13	STUD, 3/4-10 X 12"	3
14	BOLT, 1-8 X 5" THIN SQ. HD. DR. @ 3 29/32" & 4 21/32"	4
15	LAG SCREW, 3/4" X 5"	8
16	WASHER, SPERICAL	2
17	FLAT WASHER, 3/4" USS	3
18	LOCK WASHER 3/4" HEAVY SPLIT	3
19	LOCK WASHER, 1" HEAVY SPLIT	5
20	NUT, 1 1/4-7 HEAVY HEX CUPPED	3
21	NUT, 3/4" HEAVY HEX HEAD	4
22	NUT, 3/4" HEAVY SQUARE HEAD	4
23	NUT, 1" HEAVY HEX HEAD SLOTTED	5
24	NUT, 1-8 HEAVY HEX	1
25	NUT, 1 1/4-7 HEAVY HEX JAM	2
26	COTTER PIN, 1/4" X 1 3/4"	4
27	GRIP WASHER	3
28		
29	JUNCTION BOX COMPLETE, DOUBLE OUTLET	1
30	CONDUIT, 1 1/2" LUQUIDTITE FLEX	
31	SEALTITE COUPLING, 1 1/2"	2



JUNCTION BOX DETAIL

FOR PEDESTAL JUNCTION BOX DETAIL SEE SD-5301. LOCATE JUNCTION BOX OUTSIDE BALLAST LINE AND BURY CONDUIT TO PREVENT TRIPPING HAZARD. TOP OF JUNCTION BOX LEVEL WITH TOP OF TIE.

PROCEDURE:

1. CENTER SCREW JAWS ON THREADED PORTION OF POINT DETECTOR ROD
2. POSITION SWCC ON HEADBLOCK TIE INSURING AMPLE CLEARANCE FOR OPERATING ROD ON THE POINT LUG AND OPERATING CRANK POINTED VERTICALLY DOWNWARD
3. WITH THE SWITCH POINT IN MID-POSITION INSTALL THE OPERATING ROD ON THE POINT LUG AND OPERATING CRANK
4. WITH CRANK VERTICALLY DOWNWARD AND SWITCH POINTS CENTERED, MARK HOLES AND DRILL



NOTES:

1. THIS DRAWING SHALL BE USED ONLY IF SWITCH STAND MUST BE BETWEEN TRACKS
2. FLEX CONDUIT BETWEEN JUNCTION BOX AND SWITCH CIRCUIT CONTROLLER TO BE A MAXIMUM 24". TOP OF JUNCTION BOX LID LEVEL W/ TOP OF TIE
3. FOR TIE LENGTH AND SPACING REFER TO TRACK STANDARDS
4. CIRCUIT CONTROLLER SHALL BE POSITIONED SO THAT LID OPENS AWAY FROM THE TRACK


REV	DATE	BY	CHK	APP	DESCRIPTION

PENINSULA CORRIDOR JOINT POWERS BOARD

APPROVED BY:

ENGINEERING MANAGER DEPUTY DIRECTOR OF ENGINEERING



1250 San Carlos Avenue
 San Carlos, CA 94070

STANDARD DRAWINGS		CADD FILE NO.:
SIGNAL AND COMMUNICATION SWITCH APPARATUS		SD-5322
9B ELECTRIC LOCK		REV 0 DATE 093011
LOW SWITCH LAYOUT		SIGNAL
STANDARD NO.:		SD-5322