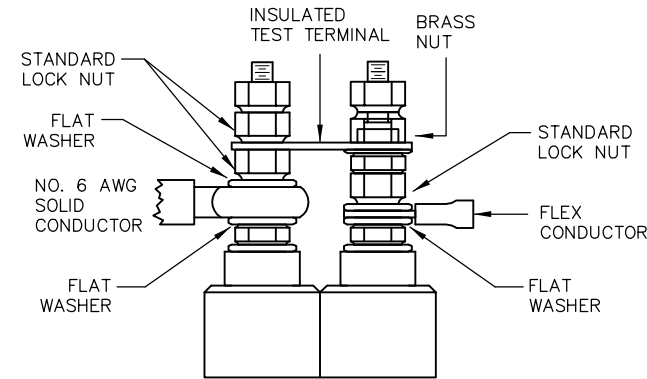


NOTE:

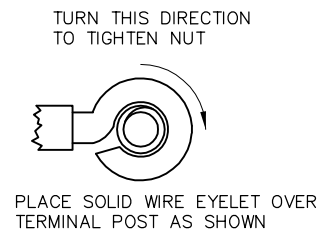
WHEN SMALLER SIZED SOLID CONDUCTORS ARE REQUIRED, FLAT NUT AND STANDARD NUTS WILL EXCHANGE POSITIONS

NOTES:

1. ALL CABLES SHALL BE POTHEADED, METAL SHIELDING SHALL BE ATTACHED TO GROUNDING BOLT IN SIGNAL HOUSE
2. INSULATION ON SOLID CONDUCTORS SHALL BE REMOVED AND THE EXPOSED BARE WIRE THOROUGHLY CLEANED TO PROVIDE HIGH CONDUCTIVITY, TAKING CARE NOT TO NICK OR DAMAGE WIRE
3. THE BARE WIRE SHALL BE FORMED TO PRODUCE AN EYELET WHICH SHALL BE PLACED OVER THE BINDING POST. THE EYELET SHALL BE SIZED TO PROVIDE A TIGHT FITTING LOOP AROUND THE POST BUT LOOSE ENOUGH TO EASILY SLIDE ON AND OFF
4. A FLAT WASHER SHALL BE PLACED ON THE BINDING POST. THE EYELET SHALL THEN BE PLACED ON THE POST FOLLOWED BY ANOTHER FLAT WASHER. A NUT SHALL BE APPLIED AND SECURELY TIGHTENED WITH A TERMINAL WRENCH
5. INSULATION ON FLEX CONDUCTORS SHALL BE REMOVED USING A SPRING LOADED STRIPPING TOOL RECOMMENDED BY THE MANUFACTURER OF THE WIRE AND THE EXPOSED BARE WIRE THOROUGHLY CLEANED TO PROVIDE HIGH CONDUCTIVITY
6. EYELET SHALL BE ATTACHED TO FLEX CONDUCTORS. ONLY CALTRAIN APPROVED EYELET SHALL BE UTILIZED. A COMPRESSION TOOL RECOMMENDED BY THE MANUFACTURER OF THE EYELET SHALL BE USED TO ATTACH THE EYELET
7. A FLAT WASHER SHALL BE PLACED ON THE BINDING POST. THE EYELET SHALL THEN BE PLACED ON THE POST FOLLOWED BY ANOTHER FLAT WASHER. IF APPLICABLE THE SECOND EYELET SHALL BE PLACED ON THE POST FOLLOWED BY A FLAT WASHER. A NUT SHALL BE APPLIED AND SECURELY TIGHTENED WITH A TERMINAL WRENCH
8. AN INSULATED TEST LINK SHALL BE INSTALLED ONCE THE SOLID CONDUCTORS AND EYELETS ARE ATTACHED. THE TEST LINK SHALL BE SECURED USING ONE FLAT AND ONE CROWN NUT AND THE CIRCUIT "CLOSED" BY APPLYING THE BRASS NUT
9. FLEX CONDUCTORS SHALL BE TAGGED USING PCJPB APPROVED TAGS
10. WHERE POSSIBLE, SPARE SOLID CABLE CONDUCTORS SHALL BE ATTACHED TO SPARE BINDING POSTS. NO MORE THAN ONE SOLID CONDUCTOR SHALL BE SECURED TO A POST
11. DRAWING DEPICTS TERMINATION OF CABLE CONDUCTORS AND EQUIPMENT WIRING. THIS METHOD SHALL BE USED IN JUNCTION BOXES USED FOR SWITCHES, SIGNALS, CROSSING GATES, CANTILEVERS, ETC. INSULATED TEST TERMINALS SHALL BE INSTALLED ON EACH END OF ANY CABLE TERMINATED SO THAT CABLE CONDUCTORS MAY BE ISOLATED WITHOUT REMOVING CONDUCTOR FROM TERMINAL



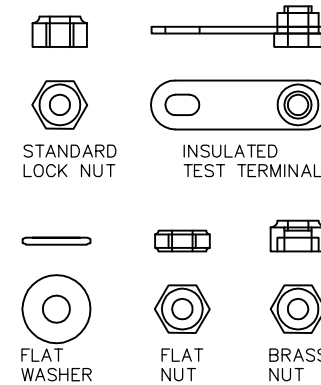
AAR TERMINAL WITH 1 5/8" STUDS



SHOWN LESS BUT A MINIMUM OF 32 TERMINALS SHALL BE PROVIDED FOR A CROSSING SIGNAL JUNCTION BOX

UNDERGROUND CABLE TO SHELTER
SEAL CABLE ENTRANCE

NO. 10 AWG FLEX WIRE TO SIGNAL UNIT (WIRES SHALL BE TAGGED)
INSULATED TEST TERMINAL



3/4" - 1" SPACE BETWEEN NUTS

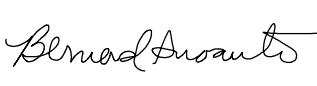

3-INCH METAL PIPE NIPPLE

TOP OF GALVANIZED FOUNDATION


REV	DATE	BY	CHK	APP	DESCRIPTION	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.: SD-5109
SIGNAL AND COMMUNICATION GENERAL SIGNAL TERMINATION TYPICAL CABLE TERMINATION	REV 0	DATE 093011
SIGNAL	STANDARD NO.: SD-5109	