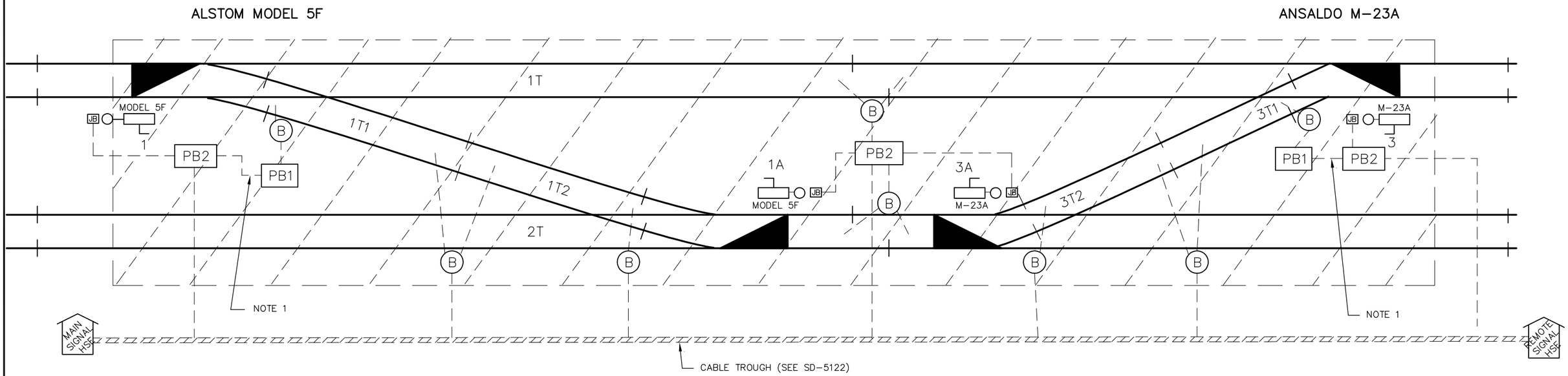
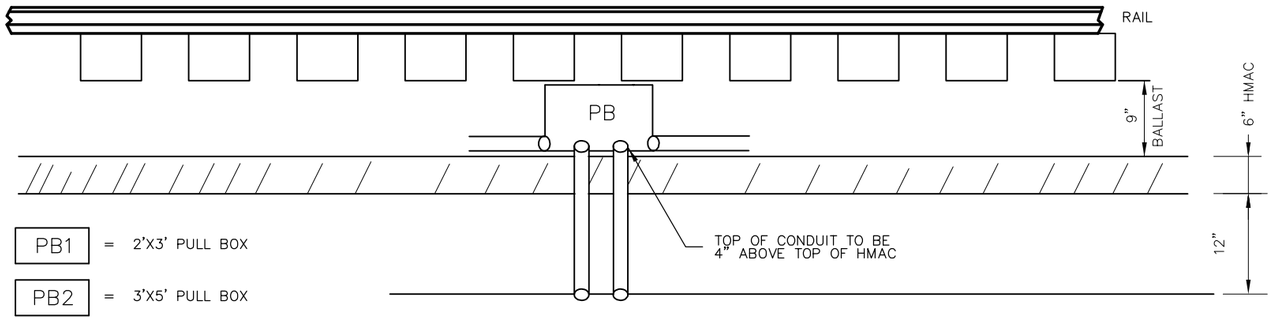


NOTES:

1. INSTALL ON TOP OF HMAC IN SCHEDULE 80 PVC CONDUIT OR GRS CONDUIT
2. WHERE HMAC UNDERLAY IS INSTALLED, ALL SIGNAL CABLES AND TRACK WIRES SHALL BE INSTALLED IN 4" SCHEDULE 80 PVC MIDWAY BETWEEN TRACK CENTERS ABOVE HMAC PAD. SIGNAL AND TRACK CONSTRUCTION CREWS MUST COORDINATE INSTALLATION OF CONDUITS UNDER TRACKS PRIOR TO INSTALLATION OF HMAC. FINAL GRADE SHALL BE IDENTIFIED, INCLUDING ANY DRAINAGE DITCHES WHICH SIGNAL CABLES TRAVERSE. SIGNAL CABLES SHALL BE 36" BELOW BOTTOM OF THE DRAINAGE DITCH UNLESS DITCH IS LINED, OR VARIANCE APPROVED BY THE ENGINEER
3. WHEN FIELD CONDITIONS PERMIT, POLARITY TRACK WIRES MAY BE INSTALLED AS SHOWN INSTEAD OF ON TOP OF HMAC
4. REFER TO SD-5123 FOR CONDUIT ENTRANCE-EXIT REQUIREMENTS FOR PULL-BOXES
5. ALSTOM (FORMERLY GRS)
   ANSALDO (FORMERLY US&S)



TYPICAL CROSS SECTION

PB1 = 2'X3' PULL BOX

PB2 = 3'X5' PULL BOX

JB = JUNCTION BOX

(B) = TRACK WIRE BOOTLEG (SEE SD-5111)

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

Caltrain

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STANDARD DRAWINGS

SIGNAL AND COMMUNICATION
GENERAL SIGNAL
CROSSOVER WITH HMAC UNDERLAY
TYPICAL CROSSOVER LAYOUT

CADD FILE NO.:	
SD-5115	
REV: 0	DATE: 093011
SIGNAL	
STANDARD NO.:	
SD-5115	