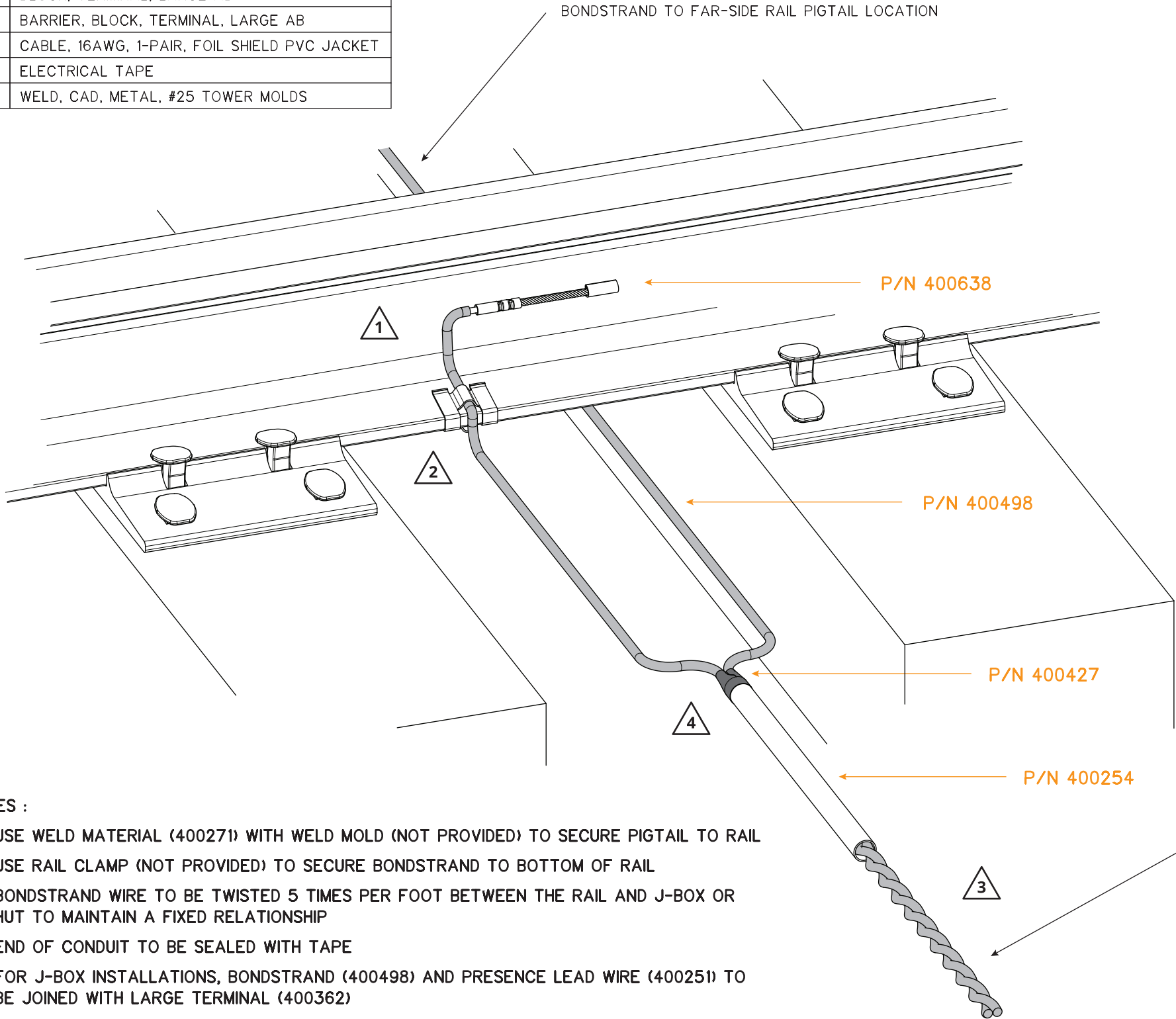
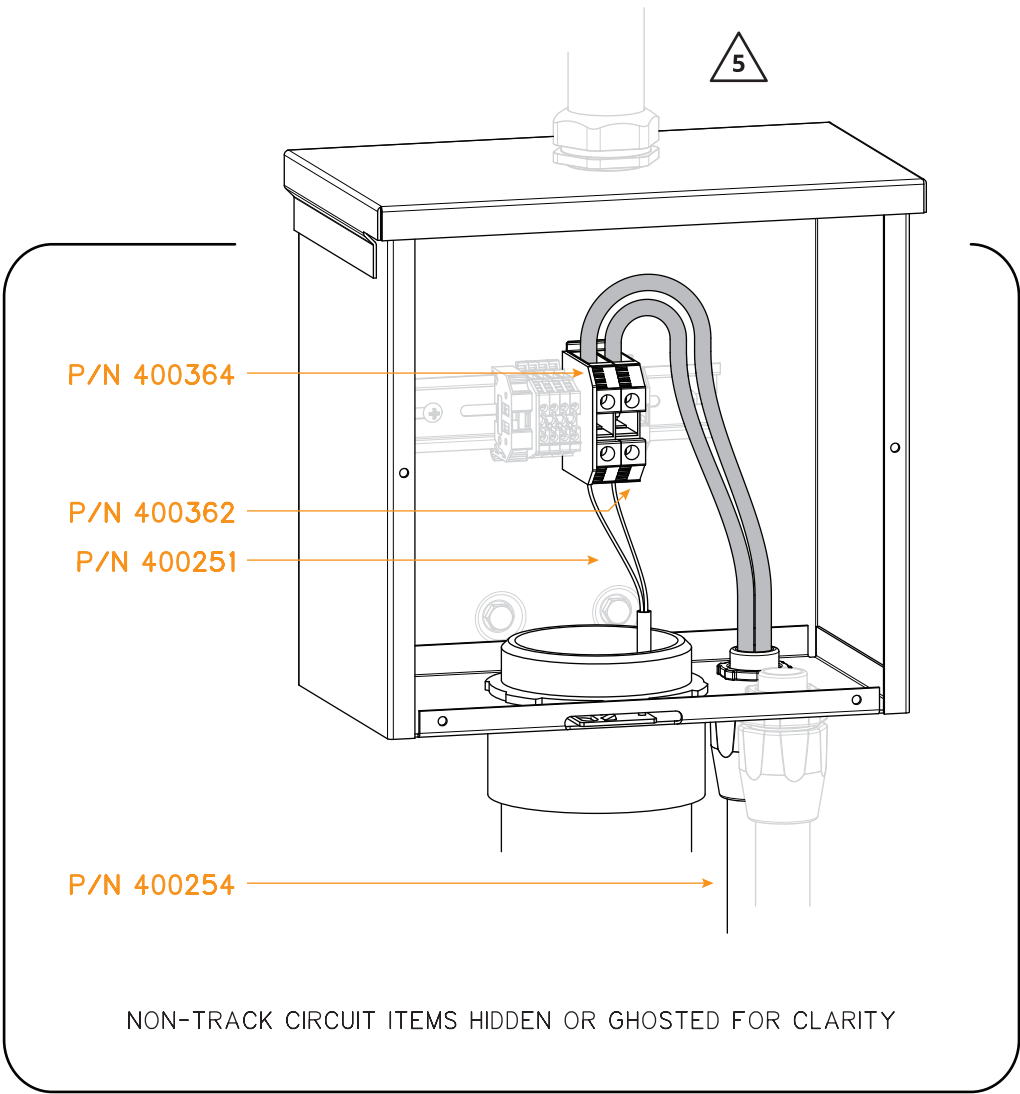


TRACK CIRCUIT PRESENCE FIELD INSTALLATION BOM	
COMET P/N	DESCRIPTION
400498	BONDSTRAND #6, LOOP WIRE, AEI
400638	TRACK CIRCUIT, PIGTAIL, RAIL BOND, ZEPIC
400254	CONDUIT, FLEXIBLE, DIA 3/4IN, NON-METALLIC
400362	BLOCK, TERMINAL, LARGE AB
400364	BARRIER, BLOCK, TERMINAL, LARGE AB
400251	CABLE, 16AWG, 1-PAIR, FOIL SHIELD PVC JACKET
400427	ELECTRICAL TAPE
400271	WELD, CAD, METAL, #25 TOWER MOLDS



- NOTES :
1. USE WELD MATERIAL (400271) WITH WELD MOLD (NOT PROVIDED) TO SECURE PIGTAIL TO RAIL
 2. USE RAIL CLAMP (NOT PROVIDED) TO SECURE BONDSTRAND TO BOTTOM OF RAIL
 3. BONDSTRAND WIRE TO BE TWISTED 5 TIMES PER FOOT BETWEEN THE RAIL AND J-BOX OR HUT TO MAINTAIN A FIXED RELATIONSHIP
 4. END OF CONDUIT TO BE SEALED WITH TAPE
 5. FOR J-BOX INSTALLATIONS, BONDSTRAND (400498) AND PRESENCE LEAD WIRE (400251) TO BE JOINED WITH LARGE TERMINAL (400362)
 6. FINAL TRACK CIRCUIT DETECTION POINT TO BE SET DURING THE OPTIMIZATION STAGE BY APPLYING A TEMPORARY RAIL SHUNT AT THE DESIRED DETECTION LOCATION
 7. PRESET OPERATING FREQUENCY MAY REQUIRE ADJUSTMENT DURING THE OPTIMIZATION STAGE IF INTERFERENCE FROM SURROUNDING SITE SYSTEMS IS PRESENT

REV	REVISION DESCRIPTION	DATE	APPROVED
-	----	-----	-----



WHEEL SENSOR CABLE AND PRESENCE CONDUIT
TO J-BOX OR DIRECT CONNECTION

	DRAWN	NAME	DATE	TITLE	
	APPROVED	JTW	07.15.26	TRACK CIRCUIT PRESENCE LAYOUT AND FIELD INSTALLATION	
2405 NICHOLSON AVE, KANSAS CITY, MO 64120		DIVISION		PART NUMBER	
		ELECTRONICS		----	
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		INSTALL		TRACK CIRCUIT PRESENCE FIELD INSTALLATION NOTES AND MEASUREMENTS	
		PROJECT		DWG NO.	VERSION
		----		481512	-
				SCALE	SHEET
				NTS	1 OF 1