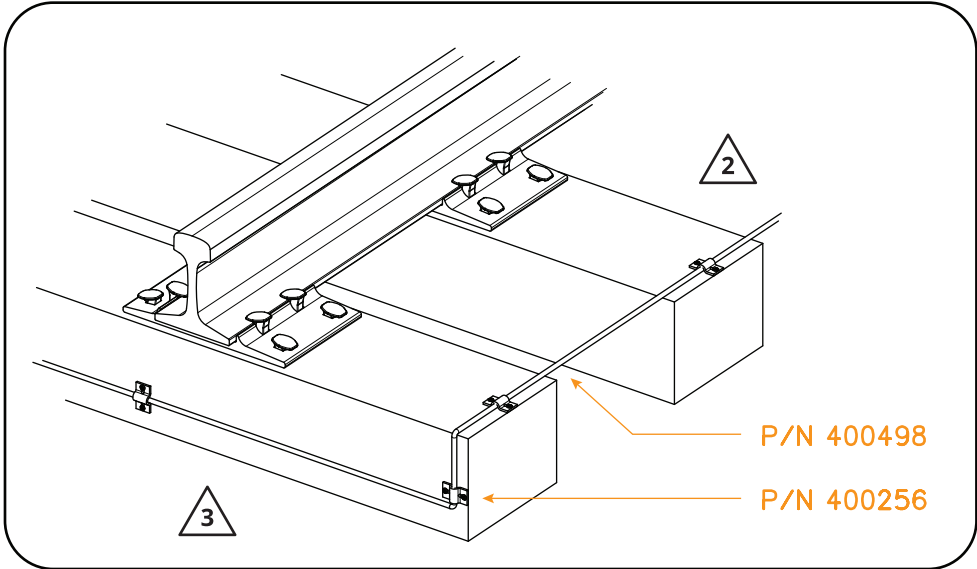
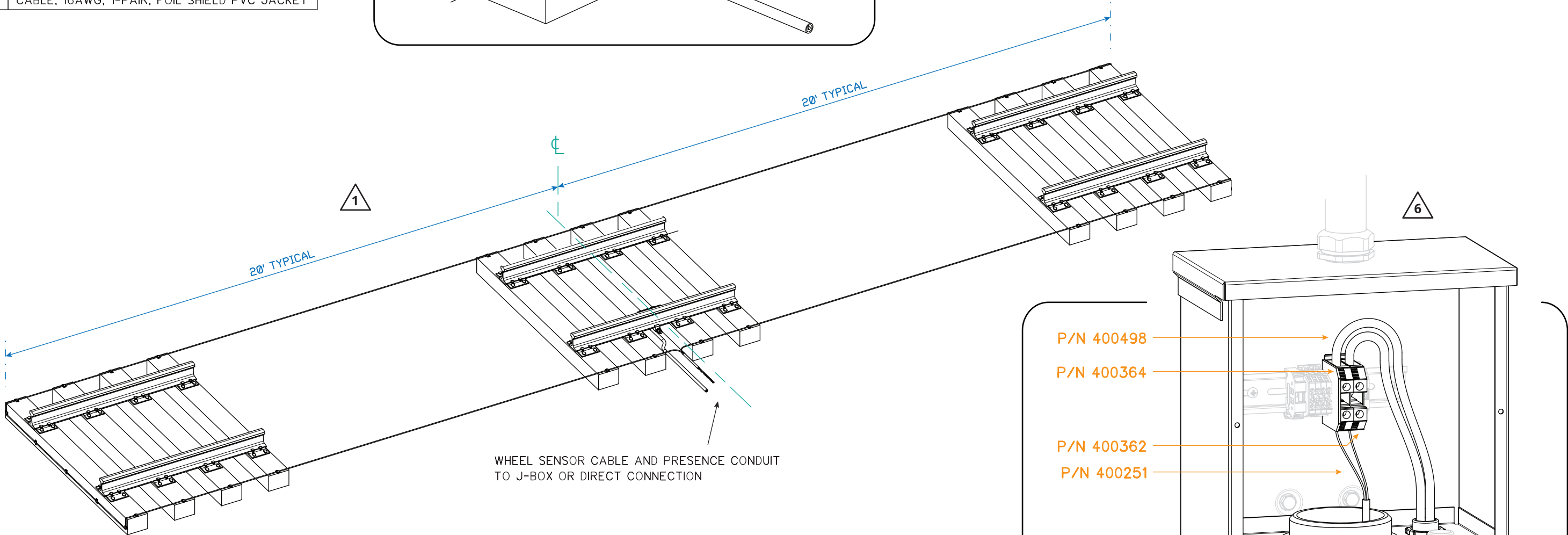
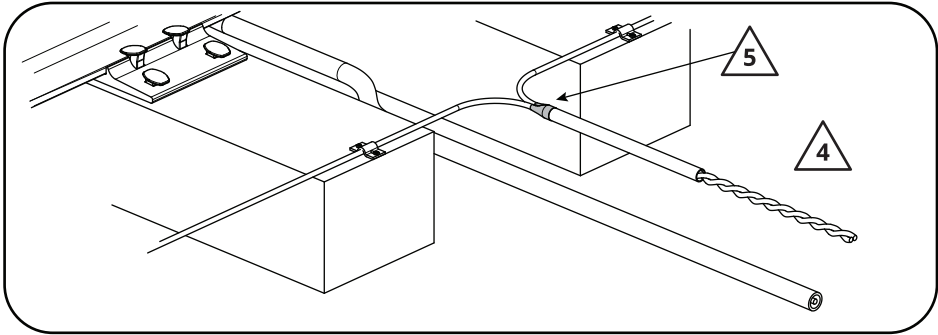
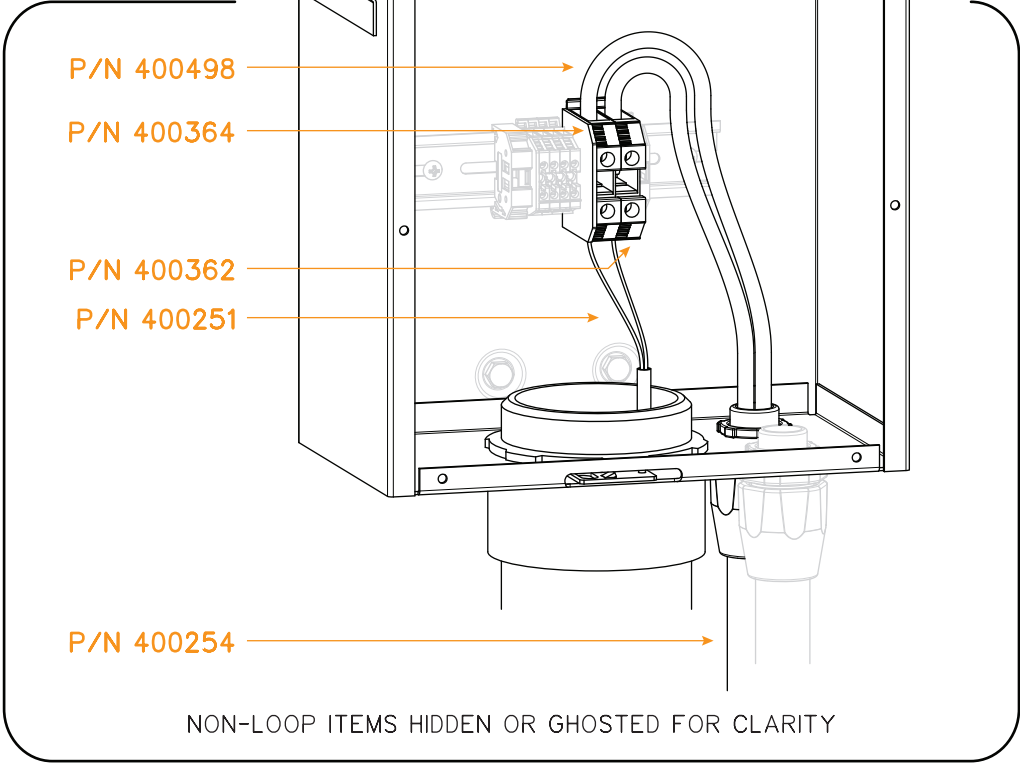


LOOP PRESENCE FIELD INSTALLATION BOM	
COMET P/N	DESCRIPTION
400498	BONDSTRAND #6, LOOP WIRE, AEI
400256	CLIP, BONDSTRAND CLAMP, 50 PK, W/ NAILS
400254	CONDUIT, FLEXIBLE, DIA 3/4IN, NON-METALLIC
400362	BLOCK, TERMINAL, LARGE AB
400364	BARRIER, BLOCK, TERMINAL, LARGE AB
400251	CABLE, 16AWG, 1-PAIR, FOIL SHIELD PVC JACKET

REV	REVISION DESCRIPTION	DATE	APPROVED
A	ADDED SECOND PAGE FOR SWITCH INSTALLATION	06.18.26	----

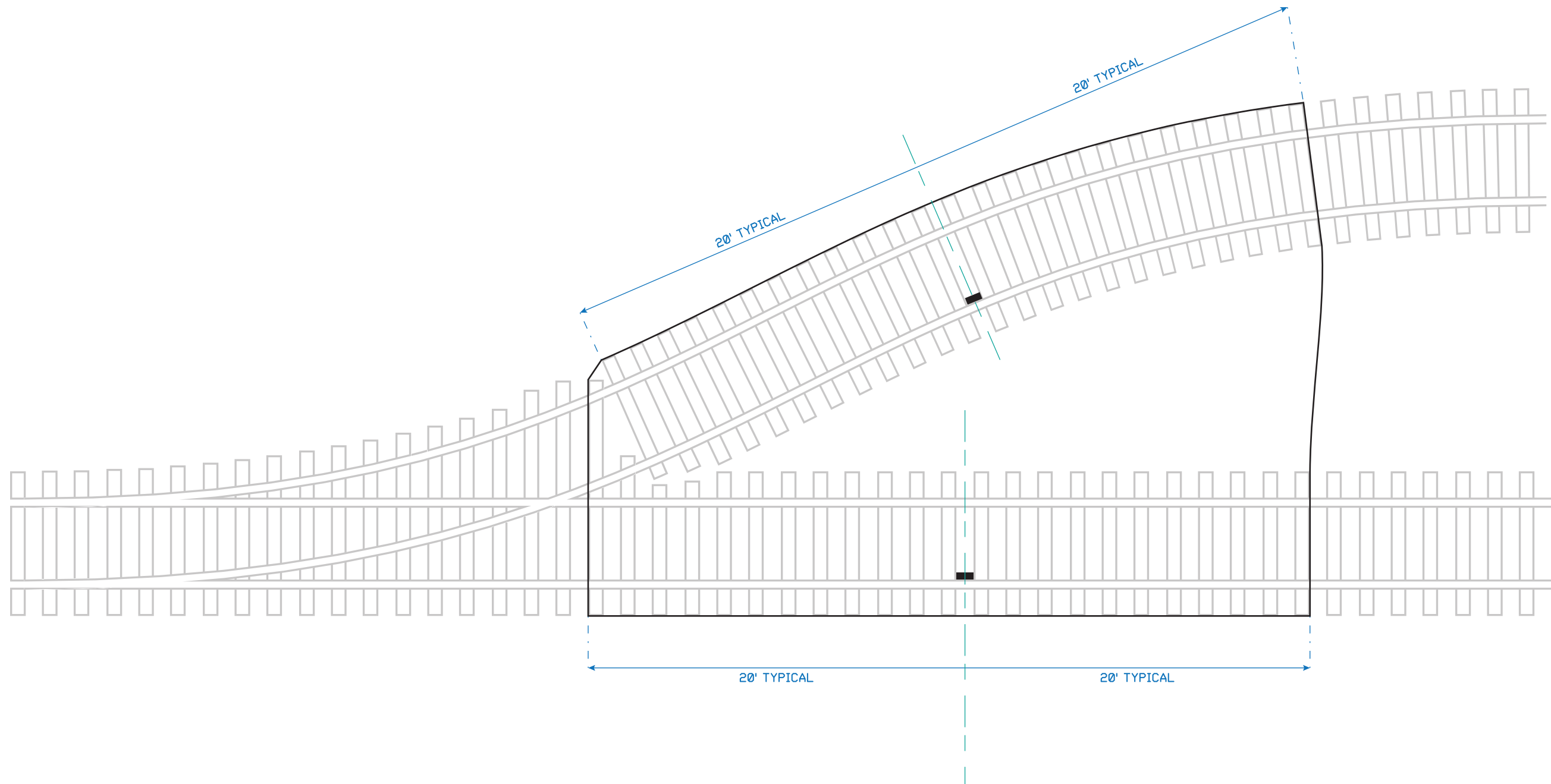


- NOTES :
1. LOOP WIRE TO BE FASTENED 20'-0" TYPICAL ON BOTH SIDES OF WHEEL SENSOR
 2. LOOP WIRE TO BE ATTACHED TO TOP EDGE OF EACH TIE USING CLIPS (400256)
 3. LOOP WIRE TO BE INSTALLED 3"-4" BELOW RAIL WHEN CROSSING UNDER RAILS
 4. LOOP WIRE TO BE TWISTED 5 TIMES PER FOOT BETWEEN THE RAIL AND J-BOX OR HUT TO MAINTAIN A FIXED RELATIONSHIP
 5. END OF CONDUIT TO BE SEALED WITH TAPE
 6. FOR J-BOX INSTALLATIONS, LOOP WIRE (400498) AND PRESENCE LEAD WIRE (400251) ARE JOINED WITH LARGE TERMINAL (400362)



		NAME	DATE	TITLE LOOP PRESENCE LAYOUT AND FIELD INSTALLATION		
	DRAWN	JTW	05.28.26			
	APPROVED	-	-	PART NUMBER	----	
2405 NICHOLSON AVE, KANSAS CITY, MO 64120		DIVISION		DESCRIPTION LOOP PRESENCE FIELD INSTALLATION NOTES AND MEASUREMENTS		
		ELECTRONICS				
USE OF THIS DOCUMENT AND INFORMATION IS ONLY GRANTED UNDER CONSIDERATION OF OR USE UNDER CONTRACTUAL AGREEMENT. THIS DOCUMENT IS PROPERTY OF COMET INDUSTRIES AND MUST BE RETURNED / DESTROYED ON REQUEST.		SERIES				
		INSTALL				
		PROJECT	----	DWG NO.	481505	VERSION
			SCALE	NTS	SHEET	1 OF 2

- NOTES :
- 1. LOOP WIRE TO ENCOMPASS BOTH TRACKS THROUGH THE SWITCH AREA
 - 2. LOOP WIRE TO EXTEND 20'-0" TYPICAL BEYOND THE CENTERLINE OF EACH WHEEL SENSOR AT BOTH ENDS OF THE INSTALLATION
 - 3. ALL STANDARD LOOP PRESENCE INSTALLATION NOTES AND REQUIREMENTS SHALL APPLY UNLESS OTHERWISE NOTED
 - 4. WHEEL SENSOR AND AEI ANTENNA LOCATIONS SHALL BE ESTABLISHED TO MAINTAIN INLINE ALIGNMENT - INLINE ALIGNMENT SHALL TAKE PRECEDENCE OVER LOCATION RELATIVE TO THE SWITCH.



DESCRIPTION		LOOP PRESENCE LAYOUT WITH DOUBLE TRACK / TRACK SWITCH	
DWG NO.	481505	VERSION	A
SCALE	1 : 20	SHEET	2 OF 2