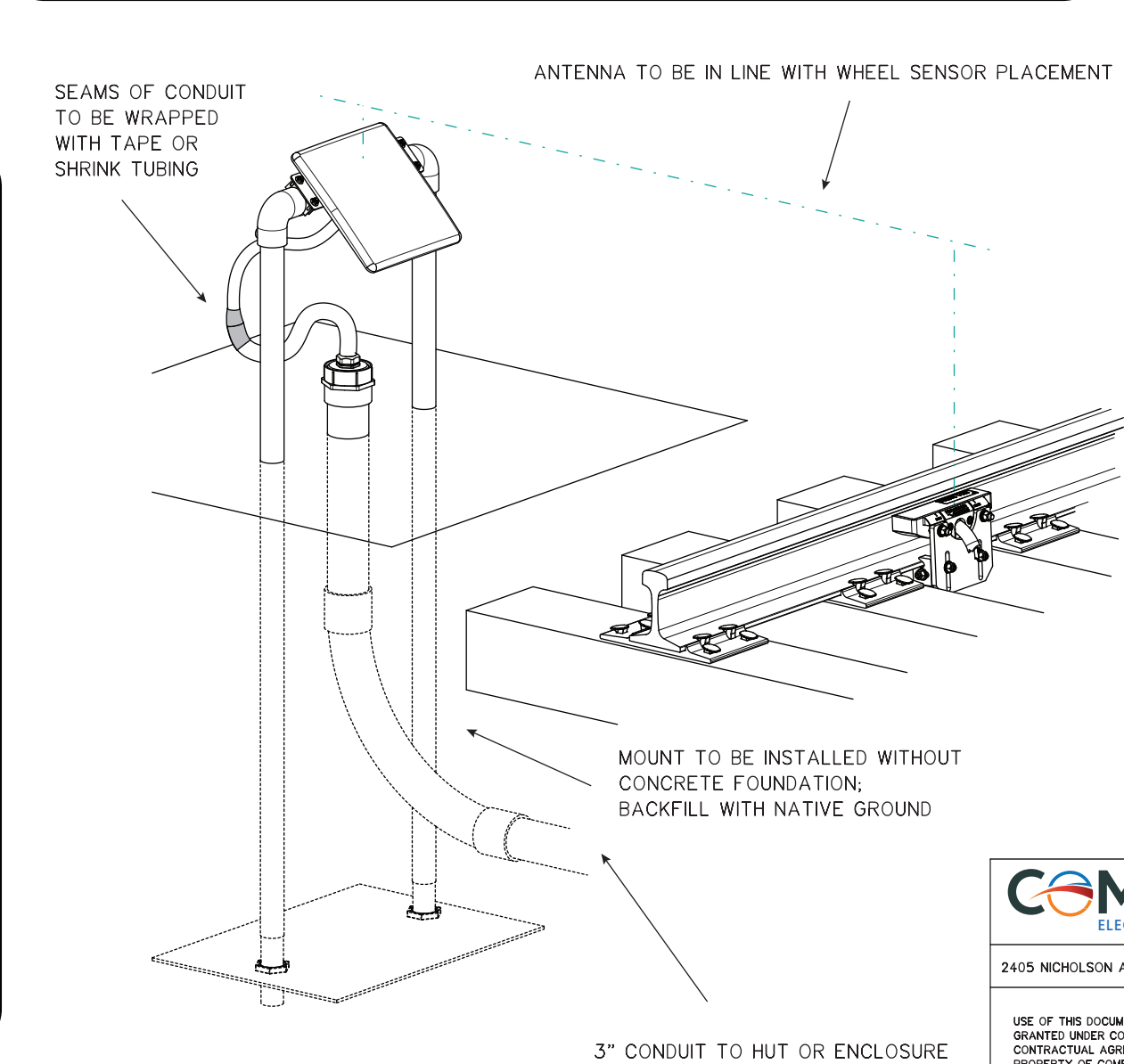
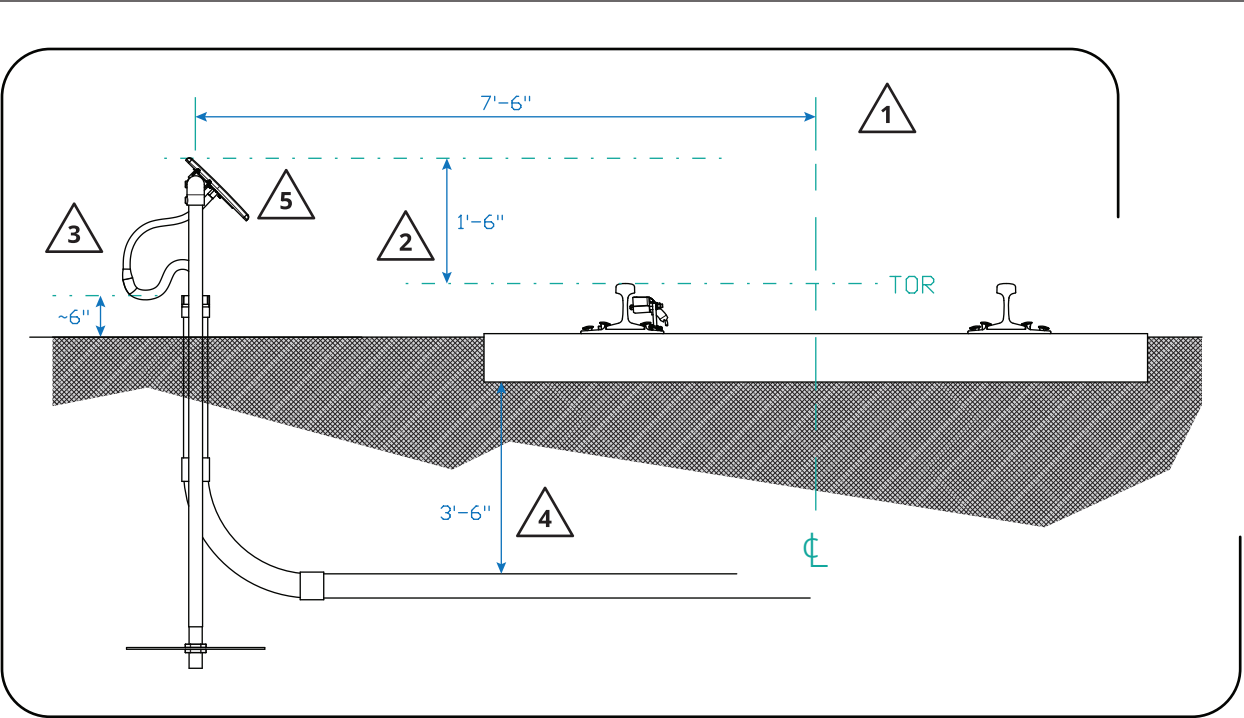
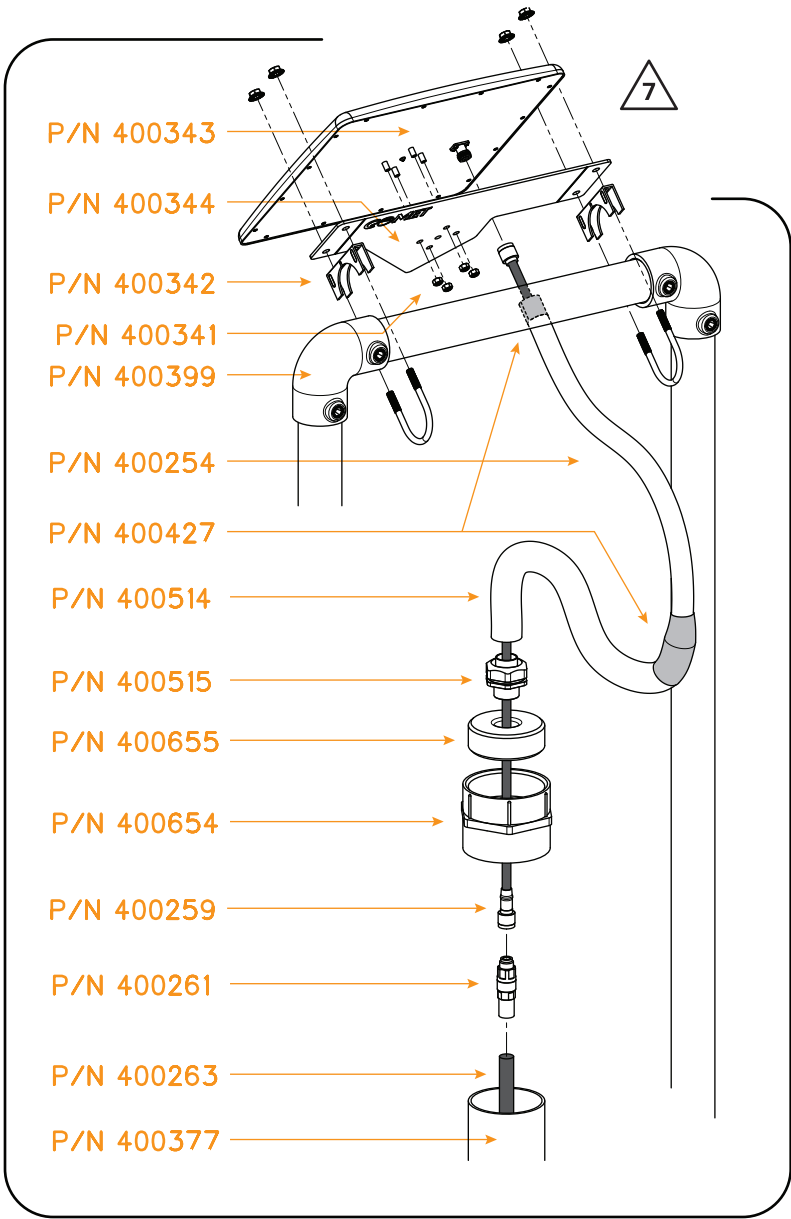
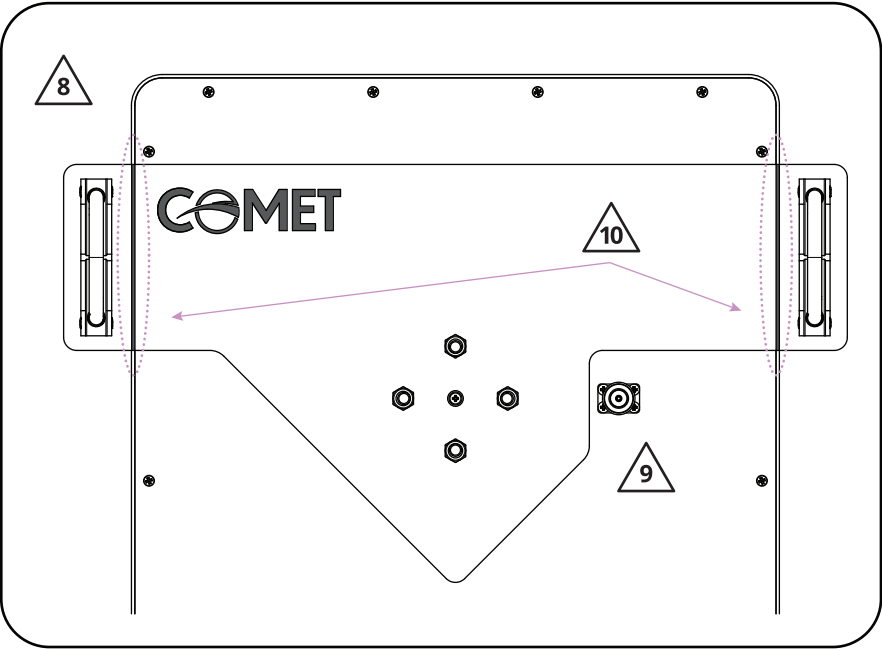


FLAT PANEL ANTENNA INSTALLATION BOM	
COMET P/N	DESCRIPTION
400399	MOUNT, LOW PROFILE ANTENNA
400344	BRACKET, FLAT ANTENNA, ALUM
400343	ANTENNA, FLAT PANEL, HEAVY DUTY, 900 MHZ
400342	U-BOLT, CLAMPING, 2IN ID, 5/16-18, SS
400341	NUT, NYLON LOCK, M6, SS
400259	CABLE, COAX, 4FT, M-M
400254	CONDUIT, CARFLEX, 3/4"
400514	CONDUIT, SEALTIGHT, 1"
400515	CONNECTOR, 1" CONDUIT
400655	REDUCER, 3"-1"
400654	ADAPTOR, 3" PVC FEMALE
400261	CONNECTOR, HELIAX, 1/2", FEMALE
400263	CABLE, HELIAX, 1/2"
400377	CONDUIT, PVC, 3"
400427	ELECTRICAL TAPE



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

- NOTES :
1. MOUNT TO BE INSTALLED 7'-6" FROM TRACK CL
 2. TOP OF FLAT PANEL TO BE 1'-6" FROM TOR
 3. TOP OF CONDUIT HOOKUP TO BE ~6" ABOVE GRADE
 4. 3" CONDUIT TO BE A MINIMUM 3'-0" DEEP AND 3'-6" BELOW BOTTOM OF TIE UNDER RAIL
 5. INITIAL FLAT PANEL ANTENNA ANGLE TO BE ~45 DEGREES; ADDITIONAL CALIBRATION REQUIRED DURING OPTIMIZATION STAGE
 6. MINIMUM 15'-0" TRACK CL TO ADJACENT TRACK CL DISTANCE
 7. BRACKET TO BE ATTACHED TO ANTENNA BEFORE SECURING ANTENNA/BRACKET ASSEMBLY TO TO MOUNT
 8. COMET LOGO ON ANTENNA BRACKET TO FACE OUTWARD
 9. ANTENNA BRACKET NOTCH TO BE ALIGNED WITH COAXIAL CABLE CONNECTION
 10. USE ANTENNA ALIGNMENT GUIDELINES TO LEVEL BRACKET WHILE FASTENING BRACKET TO ANTENNA
 11. DO NOT USE THE MOUNTING HARDWARE SUPPLIED WITH THE ANTENNA - INSTALLATION REQUIRES FOLLOWING THE MOUNTING METHOD SHOWN



		NAME	DATE	TITLE	
	DRAWN	JTW	07.10.26	FLAT PANEL ANTENNA INSTALLATION ON RESTRICTED TRACK	
	APPROVED	-	-	PART NUMBER ----	
2405 NICHOLSON AVE, KANSAS CITY, MO 64120		DIVISION ELECTRONICS		DESCRIPTION FLAT PANEL ANTENNA AND MOUNT INSTALLATION NOTES AND MEASUREMENTS	
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		PROJECT ----	DWG NO. 481510	VERSION -	
			SCALE NTS	SHEET 1 OF 1	