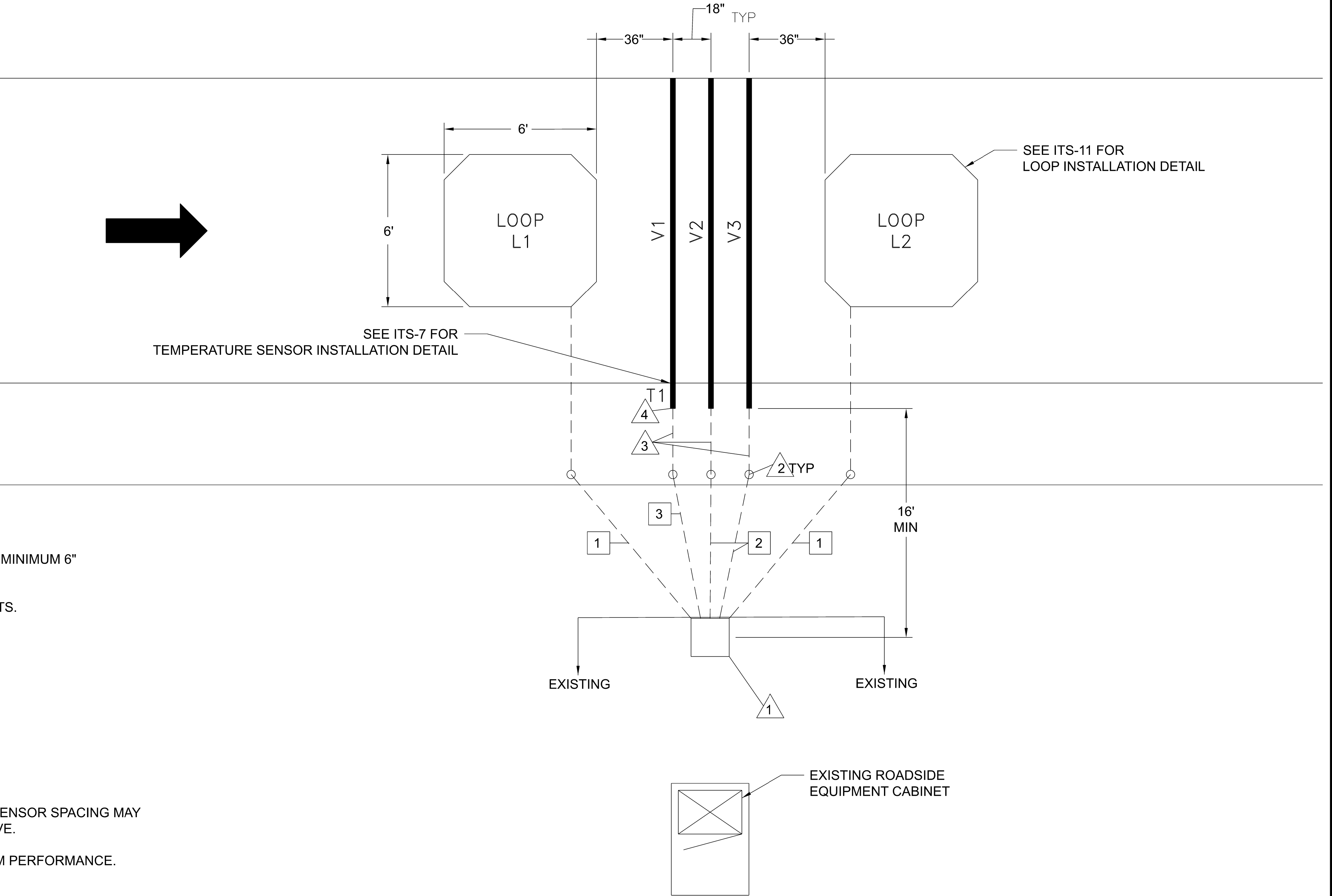


L - INDUCTIVE LOOP
T - TEMPERATURE SENSOR
V - TACS SENSOR

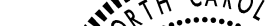
1	1" NON-METALLIC FLEX OR PVC CONDUIT 2 - 1C 14AWG (LOOP WIRE)
2	1" NON-METALLIC FLEX OR PVC CONDUIT 1 - COAXIAL CABLE (TACS LEAD-IN)
3	1" NON-METALLIC FLEX OR PVC CONDUIT 1 - COAXIAL CABLE (TACS LEAD-IN) 1 - TEMPERATURE SENSOR LEAD-IN

1. EXISTING JUNCTION BOX WITH TACS ELECTRONICS.
2. DRILL THROUGH SHOULDER FOR CONDUIT.
3. INSTALL LEAD-IN CABLE PROTECTIVE TUBING FROM END OF SENSOR TO MINIMUM 6" INTO THE CONDUIT.
4. CABLE ENTRY TO SENSOR MUST BE MINIMUM 6" FROM CRACKS OR JOINTS.

1. SENSOR SPACING SHOWN IS TYPICAL SPACING REQUIREMENT, ACTUAL SENSOR SPACING MAY BE ALTERED TO SUIT SITE CONDITIONS BY THE IRD FIELD REPRESENTATIVE.
2. ROAD SURFACE MUST MEET ASTM E1318-09 TO ACHIEVE OPTIMAL SYSTEM PERFORMANCE.
3. SENSORS MUST BE A MINIMUM OF 6' AWAY FROM CRACKS OR JOINTS.
4. CABLES MUST BE PROTECTED BY PVC SLEEVES WHERE THEY CROSS PAVEMENT JOINTS/CRACKS.



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

Prepared in the Office of: 		Prepared For _____ TYPICAL INSTALLATION DETAILS- TACS INSTALLATION <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 33%;">Division 07</td> <td style="width: 33%;">Orange Co.</td> <td style="width: 33%;">Hillsborough</td> </tr> <tr> <td>PLAN DATE: SEPTEMBER 2026</td> <td>REVIEWED BY: S. Yow</td> <td></td> </tr> <tr> <td>PREPARED BY: E. Holman</td> <td>REVIEWED BY:</td> <td></td> </tr> </table>	Division 07	Orange Co.	Hillsborough	PLAN DATE: SEPTEMBER 2026	REVIEWED BY: S. Yow		PREPARED BY: E. Holman	REVIEWED BY:																			
Division 07	Orange Co.	Hillsborough																											
PLAN DATE: SEPTEMBER 2026	REVIEWED BY: S. Yow																												
PREPARED BY: E. Holman	REVIEWED BY:																												
NC FIRM LICENSE No: P-0339 320 Executive Court Hillsborough, NC 27278 (919) 732-3883 (919) 732-6676 (FAX)	750 N. Greenfield Pkwy, Garner, NC 27529 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">SCALE</td> <td style="width: 33%;">NOT TO SCALE</td> <td style="width: 33%;"></td> </tr> <tr> <td style="height: 40px;"></td> <td></td> <td></td> </tr> </table>	SCALE	NOT TO SCALE					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">REVISIONS</td> <td style="width: 33%;">INIT.</td> <td style="width: 33%;">DATE</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	REVISIONS	INIT.	DATE																		
SCALE	NOT TO SCALE																												
REVISIONS	INIT.	DATE																											
		SEAL 																											
		Signed by:  9/25/2026 DATE																											
		INVENTORY NO: _____																											