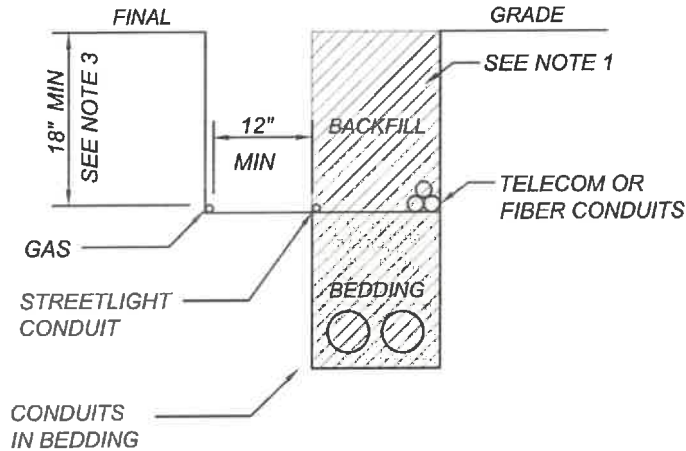


MORENO VALLEY STANDARD No MVEU-724B

**TRENCH DETAILS FOR
CONDUIT INSTALLATIONS JOINT WITH GAS**



NOTES:

- 1.) SEE MVEU-724A FOR MINIMUM DEPTHS AND CLEARANCES FOR COMMUNICATION AND POWER CONDUIT CONFIGURATIONS.
- 2.) GAS LINES IN THE JOINT TRENCH SHALL BE STEPPED OUT HORIZONTALLY AT LEAST 12" FROM COMMUNICATION OR POWER CONDUITS.
- 3.) THE MINIMUM DEPTH OF THE GAS LINE SHALL BE AT LEAST 18" FROM FINAL GRADE, OR AS DETERMINED FROM THE LOCAL GAS PURVEYOR'S STANDARDS, WHICHEVER IS DEEPER.
- 4.) BEDDING MATERIAL SHALL BE CLEAN SAND OR PEA GRAVEL. OTHERWISE, NATIVE MATERIALS MAY BE USED PROVIDED THEY MEET PUBLIC WORKS CONSTRUCTION (GREEN BOOK) STANDARDS PER SUBSECTION 306.1.2.1 AND MUST HAVE A SAND EQUIVALENT OF NOT LESS THAN 30 OR HAVING A COEFFICIENT OF PERMEABILITY GREATER THAN 1.4 INCHES/HR.
- 5.) CONDUITS AND CONDUIT ELBOWS SHALL BE SCH-40, SCH-80, OR FIBERGLASS.
- 6.) FOR CONDUIT INSTALLATION IN A BORE, SEE STD PLANS MVEU-727A & MVEU-727B.
- 7.) FOR CONDUIT INSTALLATION IN EXISTING ROADWAYS, SEE STD PLANS MVS1-132A, MVS1-132B, & MVS1-132C FOR SURFACE RESTORATION AND BACKFILL REQUIREMENTS.
- 8.) CONCRETE SHALL BE TWO SACK ENCASEMENT.
- 9.) ORANGE INSULATED COPPER CLAD STEEL TRACER WIRE PER KRISTECH SPECIFICATIONS SHEET, OR EQUAL. TRACER WIRE TO BE INSTALLED 2" ABOVE COMMUNICATION CONDUIT PER "THE COMPLETE UTILITY LOCATING SYSTEM SPECIFICATIONS FOR TELECOMMUNICATIONS" BY COPPERHEAD INDUSTRIES, OR EQUIVALENT.

NOT TO SCALE

	RECOMMENDED: <i>[Signature]</i> 6-21 DIVISION MANAGER DATE 23	CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT - ELECTRIC UTILITY DIVISION	
	APPROVED: <i>[Signature]</i> 6/21/23 PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER	TRENCH DETAILS FOR CONDUIT INSTALLATIONS JOINT WITH GAS	