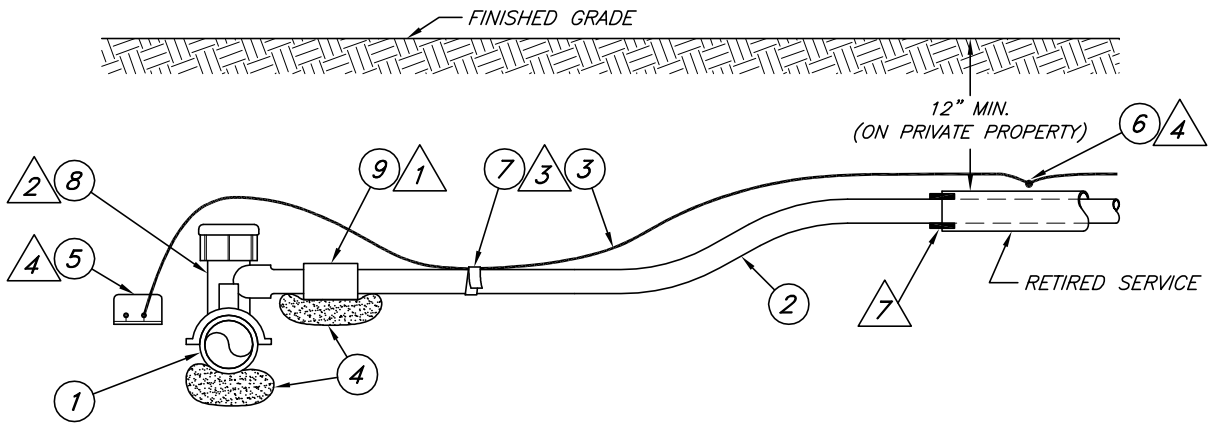


1" PLASTIC SERVICE



1" PLASTIC INSERTION IN EXISTING SERVICE

MATERIAL LIST

QTY	DESCRIPTION	STOCK NO.	QTY	DESCRIPTION	STOCK NO.	
1	PLASTIC MAIN, 1-1/4" - 6"		8	ELECTROFUSION TAP TEE'S:		
2	1" PLASTIC PIPE	201210	1	1-1/4" x 3/4" x 0.8" PUNCH - NOTE 5 & 6	203425	
3	#10 LOCATOR WIRE	211571		2" x 1" x 0.8" PUNCH	201933	
4	SANDBAG WITH DRAW STRING	203244		3" x 1" x 0.8" PUNCH	202991	
5	DIRECT BURY 3-WAY SPICE LUG	211804		4" x 1" x 0.8" PUNCH	201956	
6	DIRECT BURY SPLICE KIT	202577		6" x 3/4" x 0.8" PUNCH - NOTE 6	203440	
7	POLY TAPE	211522	9	1	PLASTIC COUPLING:	
				1" x 1"	(PREFERRED) SOCKET	203055
				(ALTERNATE) ELECTROFUSION	203053	
				1" x 3/4" REDUCING:		
				(PREFERRED) SOCKET	203185	
				(ALTERNATE) ELECTROFUSION	210098	

GENERAL NOTES

- 1 INSTALL A 3/4" EXCESS FLOW VALVE (EFV) PER GS-212, IF APPLICABLE, BY TRIMMING ENDS OF EFV AND USING REDUCING COUPLINGS.
- 2 AIR PRESSURE TEST PER GS-555 PRIOR TO TAPPING THE MAIN.
- 3 LOCATOR WIRE SHALL BE INSTALLED DIRECTLY ABOVE THE GAS PIPE, AND TAPED TO THE NEW PIPE NEAR THE TAP TEE AND EVERY 20' WITH POLY TAPE.
- 4 PROVIDE A CONTINUOUS TRACE-SIGNAL PATH FROM THE MAIN TO THE SERVICE RISER BY CONNECTING NEW LOCATOR WIRE TO THE EXISTING LOCATOR WIRE, USING SPLICE KITS, OR BY THERMITE WELDING TO THE ENDS OF THE RETIRED STEEL SERVICE (PER GS-415).
- 5 SOCKET-WELD A SHORT LENGTH OF 3/4" PLASTIC PIPE TO THE TAP TEE OUTLET, THEN USE THE APPROPRIATE COUPLING.
- 6 USE A REDUCING COUPLING TO JOIN THE TAP TEE TO THE SERVICE LINE.
- 7 FABRICATE PROTECTIVE SLEEVE FROM GAS PIPE OR SIMILAR MATERIAL.

**CONSTRUCTION STANDARD
CITY UTILITIES OF
SPRINGFIELD, MISSOURI**

**INSTALLATION OF
1" PLASTIC SERVICE
FROM PLASTIC MAIN**