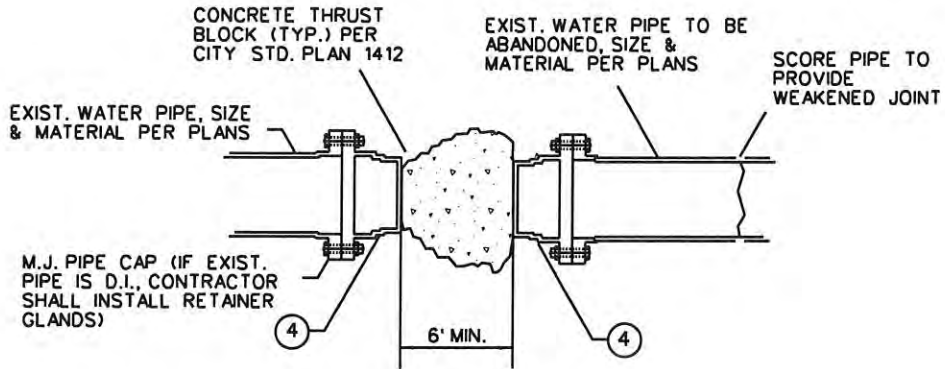


OPTION 1:



OPTION 2:

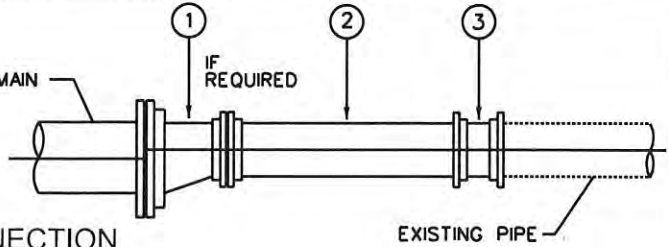
**NOTES:**

1. DRAIN WATERLINE COMPLETELY BEFORE PLUGGING. ALL WATER DRAINED FROM PIPELINE SHALL BE DISCHARGED INTO A SEWER SYSTEM.
2. CAP, PLUG OR BLIND FLANGE PER FIELD CONDITIONS

CUT / CAP AND PLUG

**NOTE:**

IF EXISTING PIPE IS ACP, INSTALL LONG BODY FLEXIBLE TRANSITION COUPLING IN LIEU OF MJ SLEEVE



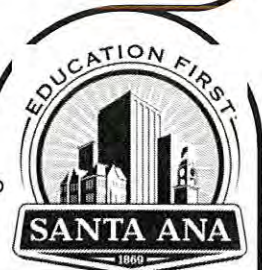
CONSTRUCTION ITEMS / MATERIALS LIST		
NO.	SIZE AND DESCRIPTION	MANUFACTURER
①	REDUCER (IF NEEDED)	SIGMA, U.S. PIPE, TYLER
②	SPOOL	
③	COUPLING	SIGMA, U.S. PIPE, TYLER
④	CAP	SIGMA, U.S. PIPE, TYLER

APPROVED:

DATE: 3/18/2016

*Namir Saba*

CITY OF SANTA ANA  
PUBLIC WORKS AGENCY



DATE	REVISION
3/1/16	RR NEW STD.

CUT / CAP AND PLUG INSTALLATION  
TIE-IN CONNECTION INSTALLATION

STD. PLAN  
NUMBER  
1409