



KEYED NOTES:

- 1 RUN SERVICE LINE WITHIN 6" OF EXISTING MAIN.
- 2 MINIMUM BELL HOLE AT BOTTOM OF TRENCH: 24" FROM CENTERLINE OF NEW PIPE ON EACH SIDE; 18" FROM EDGE OF MAIN ON BACK SIDE; 8'-0" IN FRONT OF MAIN (LENGTH OF BELL HOLE); 18" UNDER MAIN. TAPER OR STEP TRENCH TO MEET OSHA REQUIREMENTS.
- 3 LANL CONSTRUCTION INSPECTOR WILL ENSURE MATERIALS REQUIRED FOR HOT TAP ARE AT JOB SITE, DISINFECTING AND PRESSURE TESTING OF THE SERVICE LINE HAVE BEEN COMPLETED, AND EXCAVATION OF BELL HOLE IS DONE PRIOR TO NOTIFYING SSS.
- 4 LANL CONSTRUCTION INSPECTOR WILL GIVE SSS 10 WORKING DAYS NOTICE OF THE NEED TO SCHEDULE A TIE-IN TO EXISTING UTILITIES.
- 5 LOCATE GATE VALVE NEAR MAIN - PREFERABLY IN UNPAVED AREA.

WATER PIPING TIE-IN DETAIL
SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

- 1. SEE SHEET 3.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

NO	DATE	CLASS	REV	ADD	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
2	8-14-03	U			EDITORIAL CHANGES & REVISED NOTE 4.	RP	JH	MS	EH	TO
1	8-23-02	U			GENERAL REVISION AND DWG. NO. WAS STBLOS.	RP	EH	MS	EH	TO

ENGINEERING STANDARDS PROGRAM

ENGINEERING STANDARDS MANUAL		DESIGN	R.PEARSON
		CHECKED	M.SMITHOUR
WATER PIPING TIE-IN DETAIL 3/4" TO 2" COPPER SERVICE LINE		DATE	8-28-99
BLDG X	TA-X		
SUBMITTED		APPROVED FOR RELEASE	
DISCIPLINE POC: GURINDER GREWAL		STANDARDS MANAGER: TOBIN ORUCH	
		PO Box 1663 Los Alamos, New Mexico 87545	
CLASSIFICATION: U	REVIEWER: LARRY BAYS	DATE:	
PROJECT ID	DRAWING NO	REV	
CHAPTER 3	ST-G3010-2	1	3
		2	2