



TRENCH WIDTH	
UTILITY SIZE	TRENCH WIDTH
TO 4"	24"
6"	30"
8"	32"
10"	34"
12"	36"
14"	38"
16"	40"
18"	42"

WARNING TAPE COLOR	
TAPE	COLOR
ELECTRIC	RED
NATURAL GAS	YELLOW
COMMUNICATION	ORANGE
SEWER	GREEN
OIL, FUEL, RAD WASTE, ETC.	YELLOW
WATER	BLUE
STEAM/CONDENSATE	YELLOW
EFFLUENT/RECLAIMED WATER	PURPLE

UTILITY BURIAL DEPTH	
SERVICE	MIN DEPTH
COMMUNICATIONS/ELECTRICAL CONDUITS/DUCT BANKS (TOP)	24"
NATURAL GAS MAINS	36"
FUEL/NATURAL GAS SERVICE LINES	30"
PE FUEL/NATURAL GAS LINES UNDER ROADWAYS AND PARKING AREAS	60"
SEWER/RAD WASTE LINES	48"
STEAM/CONDENSTATE LINES	48"
WATER LINES	48"

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).

2	9-27-04	U		ADDED "NATURAL" TO GAS UTILITIES.	RP	EH	MS	EH	TO	
1	8-23-02	U		TABLES REVISE & ADDED TO SHEET 2.	RP	EH	MS	EH	TO	
NO	DATE	CLASS	REV	ADD	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP

ENGINEERING STANDARDS PROGRAM

ENGINEERING STANDARDS MANUAL

EARTHWORK UTILITIES TABLES

BLDG X TA-X DATE 2-25-02

APPROVED FOR RELEASE

DISCIPLINE POC: E. HOTH STANDARDS MANAGER: TOBIN ORUCH

Los Alamos NATIONAL LABORATORY PO Box 1663 Los Alamos, New Mexico 87545

CLASSIFICATION: U REVIEWER: LARRY BAYS DATE: 2 OF 2

PROJECT ID: CHAPTER 3 DRAWING NO: ST-G30GEN-4 REV: 2

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