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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*
COMMUNICATINS/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/CONDENSATE LINES	48"
WATER LINES	48"

* MEASURED FROM FINISHED GRADE TO TOP OF PIPE

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)

EARTHWORK - UTILITIES TABLES

NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
4	08/04/2016	UNCLASS	EJS	ADMIN. CHANGES TO NEW FORMAT CAD STD REV#5. MINOR DESIGN CHANGES	EJS	MS	MS	CJRR	TO
3	01/28/2014	U		GENERAL REVISION. ADDED STARRED NOTE	KT	MS	JG	RT	TO
2	09/27/2004	U	EJS	ADDED "NATURAL" TO GAS UTILITIES	RP	EH	MS	EH	TO
1	08/23/2002	U	EJS	TABLE REVISED & ADDED TO SHEET 2	RP	EH	MS	EH	TO

ENGINEERING STANDARDS

CIVIL		DRAWN	R. PEARSON
EARTHWORK - UTILITIES TABLES <td>DESIGN</td> <td>E. HOTH</td>		DESIGN	E. HOTH
TA- XX		CHECKED	M. SMITHOUR
BLDG XXXX		DATE	2-25-02
SUBMITTED DISCIPLINE POC: E.HOTH		APPROVED FOR RELEASE STANDARDS MANAGER: T.ORUCH	
SHEET		2	
Los Alamos NATIONAL LABORATORY		P0 Box 1663 Los Alamos, New Mexico 87545	
D.C.: UNCLASSIFIED		REVIEWER: LARRY BAYS	DATE:
PROJECT ID	DRAWING NO	REV	4
CHAPTER 3	ST-G30GEN-4.2		

00% REVIEW NOT FOR CONSTRUCTION