

NOTES FOR DESIGNER:

(DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM CIVIL POC.
2. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS:
 - A. ENGINEERING MANUAL, CIVIL CHAPTER.
 - B. MASTER SPECIFICATION 31 2000, EARTH MOVING.
 - C. MASTER SPECIFICATION 33 1000, WATER UTILITIES.
 - D. CIVIL DRAWING ST-G30GEN-1, BOLLARD DETAIL.
 - E. MECH DRAWING ST-D2020-1, SITE/BUILDING WATER COMPONENT DIAGRAM.
3. PROVIDE BOLLARDS IF VEHICLES ARE LIKELY TO CONTACT PIV.

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	1-28-14	U		GENERAL REVISION/ADJUSTED FORMATTING	KT	MS	JG	RT	TO
1	8-23-02	U		GENERAL REVISION AND DWG. NO. WAS ST610B.	RP	EH	MS	EH	TO
NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP

ENGINEERING STANDARDS PROGRAM

ENGINEERING STANDARDS MANUAL		DRAWN	R.PEARSON
WATER PIPING SHUT OFF VALVE DETAIL		DESIGN	E.HOTH
NOTES		CHECKED	M.SMITHOUR
TA-XX	BLDG XXX	DATE	6-28-99

SUBMITTED DISCIPLINE POC: EDWARD HOTH	APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH
SHEET	
3	

	PO Box 1663 Los Alamos, New Mexico 87545	3 OF 3
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D.C.: UNCLASSIFIED	REVIEWER: LARRY BAYS	BASIS: BASIS	DATE:
PROJECT ID	DRAWING NO	ESR NO.:	REV
CHAPTER 3	ST-G3010-3	ESR #	2