



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

**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. PROVIDE TRACER WIRE IN ALL NON-METALLIC, CAST IRON, AND DUCTILE IRON PIPING SYSTEMS.
3. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS:
  - A. MASTER SPECIFICATION 31 2000, EARTH MOVING (INCLUDES TRACER WIRE AND TEST STATION SPECIFICATIONS).
  - B. CIVIL DRAWING ST-G30GEN-4, TRENCH DETAIL.

NO	DATE	CLASS	REV	ADD	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
1	8-23-02	U			GENERAL REVISION AND DWG. NO. WAS STB'D.	RP	EH	MS	EH	TD

**ENGINEERING STANDARDS PROGRAM**

<b>ENGINEERING STANDARDS MANUAL</b>		DRAWN	R.PEARSON
		DESIGN	E.HOTH
TRACER WIRE DETAIL NON-METALLIC AND DUCTILE IRON		CHECKED	M.SMITHOUR
		DATE	8-28-99
BLDG X		TA-X	
SUBMITTED		APPROVED FOR RELEASE	
DISCIPLINE POC: E. HOTH		STANDARDS MANAGER: TOBIN ORUCH	
		SHEET	1
		1	1

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CLASSIFICATION: U      REVIEWER: LARRY BAYS      DATE:      REV: 1  
PROJECT ID:      DRAWING NO:      REV: 1

**CHAPTER 3      ST-G30GEN-3**

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