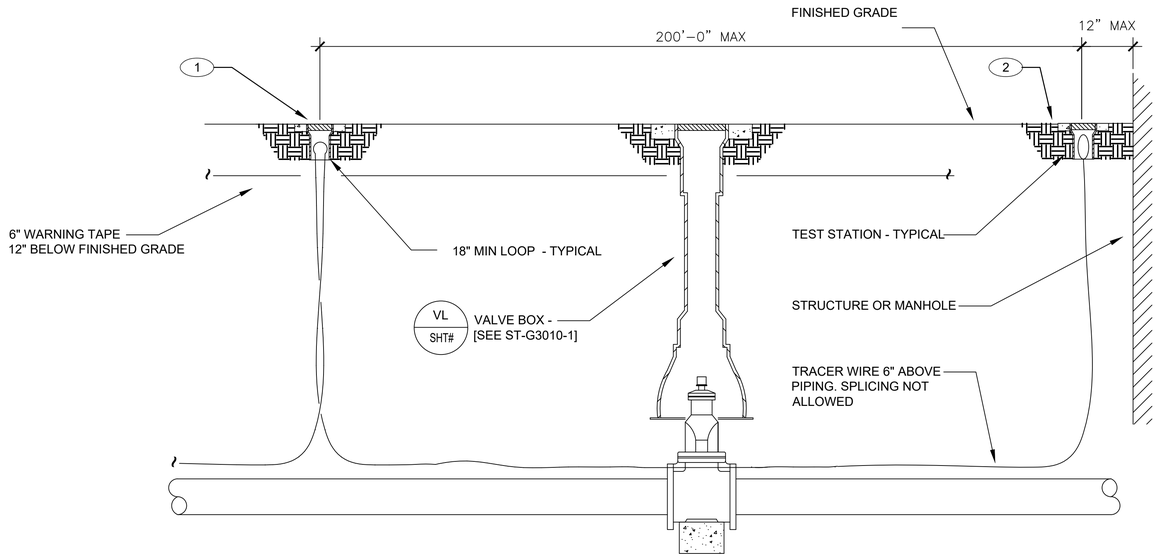
GENERAL NOTES:

1. IF THIS SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.

KEYED NOTES:

(1) DO NOT CUT TRACER WIRE IN TEST. LEAVE A LOOP.

(2) TEST STATION CONCRETE COLLAR 6" THICK AND 6" WIDTH AROUND TEST BOX.



VL / SHT# **TRACER WIRE DETAIL**

1' 9" 6" 3" 0 1'

1"=1'-0"

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)

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.
3. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS:
   - 3.1. MASTER SPECIFICATION 31 2000, EARTH MOVING (INCLUDES TRACER WIRE AND TEST STATION SPECIFICATIONS).
   - 3.2. CIVIL DRAWING ST-G30GEN-4, TRENCH DETAIL
4. TRACER WIRE IS NOT REQUIRED FOR ANY ELECTRICAL TRENCH, EITHER UTILITY OR LOW-VOLTAGE (CUSTOMER OWNED).

LBO-DESIGN PACKAGE REVIEWER	N/A	Posted 9/30/24	CHRISTINA SALAZAR-BARNES (Affiliate) Digitally signed by CHRISTINA SALAZAR-BARNES (Affiliate) Date: 2024.09.30 16:46:40 -06'00'	
APPROVED FOR RELEASE T. ORUCH	FOR NEHA GIDWANI (Affiliate) Digitally signed by NEHA GIDWANI (Affiliate)	4	CLARIFIED TO EXCLUDE ELECTRICAL, REVISED WIRE ROUTING.	09/30/24
SUBMITTED V.BACA	VICTORIA BACA (Affiliate) Digitally signed by VICTORIA BACA (Affiliate) Date: 2024.09.25 16:54:51 -06'00'	3	ADMIN. CHANGES TO NEW FORMAT CAD STD REV#5. MINOR DESIGN CHANGES.	08/04/16
VERIFIED H.SALAZAR	Harold Salazar Digitally signed by Harold Salazar Date: 2024.09.27 12:55:40 -06'00'	2	GENERAL REVISION, ADDED KEYED NOTE 2.	01/28/14
DESIGNED V.BACA	VICTORIA BACA (Affiliate) Digitally signed by VICTORIA BACA (Affiliate) Date: 2024.09.25 16:54:30 -06'00'	1	GENERAL REVISIONS & CHANGED DWG NUMBER FROM ST6109	08/23/02
DRAWN V.BACA		0	INITIAL ISSUE BY E.HOTH	06/28/99
CLASSIFICATION	UNCLASSIFIED LAILA BADRAN (Affiliate) Digitally signed by LAILA BADRAN (Affiliate) Date: 2024.09.30 13:07:38 -06'00'	**NO**	**REVISION DESCRIPTION**	**DATE**

ENGINEERING STANDARDS

CIVIL

TRACER WIRE DETAIL
NON-METALLIC & DUCTILE IRON

TA- XX BLDG XXXX

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

SHEET 1
1 OF 1

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