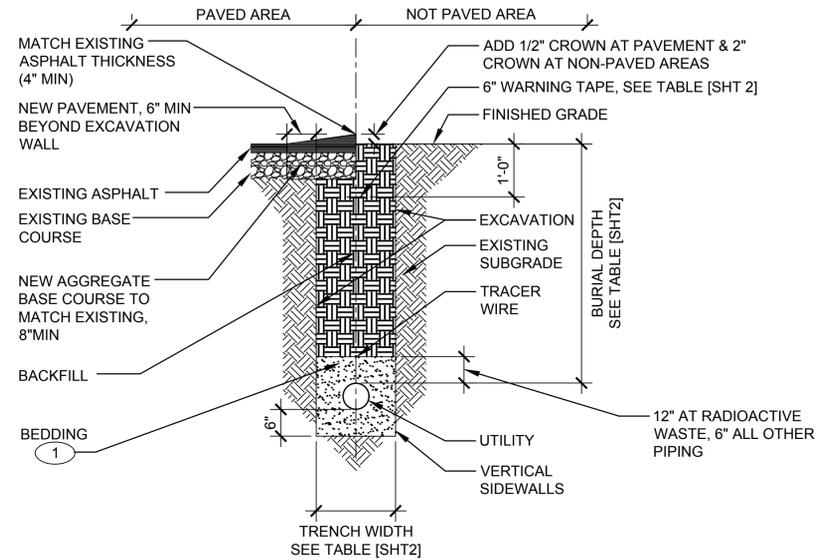


GENERAL NOTES:

- IF THIS SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.

KEYED NOTES:

- PROVIDE A MINIMUM OF 6" OF SAND BEDDING BETWEEN PIPE AND VERTICAL SIDEWALLS



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)

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

NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
4	08/04/2016	UNCLASS		ADMIN. CHANGES TO NEW FORMAT CAD STD REV#5. MINOR DESIGN CHANGES	EJS	MS	MS	GJRR	TO
3	01/28/14	U		GENERAL REVISION	KT	MS	JG	RT	TO
2	08/23/2002	U	EJS	GENERAL REVISIONS & CHANGED DWG NUMBER FROM ST3211. ADDED SHT 2	RP	EH	MS	EH	TO
1	07/09/2001	U	EJS	DELETED KEYED NOTES & COMPACTION REQUIREMENT (SPECIFIED IN SPEC 02310). ADDED NOTES FOR DESIGNER & REVISED TITLEBLOCK	RP	EH	JC	JC	TO

ENGINEERING STANDARDS

CIVIL

SINGLE TRENCH DETAIL

DRAWN	R. PEARSON
DESIGN	E. HOTH
CHECKED	J. COVEY
DATE	6-28-99

TA- XX BLDG XXXX

DISCIPLINE POC: E.HOTH APPROVED FOR RELEASE STANDARDS MANAGER: T.ORUCH

SHEET **1**

1 OF **2**

D.C.: UNCLASSIFIED REVIEWER: LARRY BAYS DATE:

PROJECT ID DRAWING NO **CHAPTER 3 ST-G30GEN-4.1** REV **4**

00% REVIEW
NOT FOR CONSTRUCTION