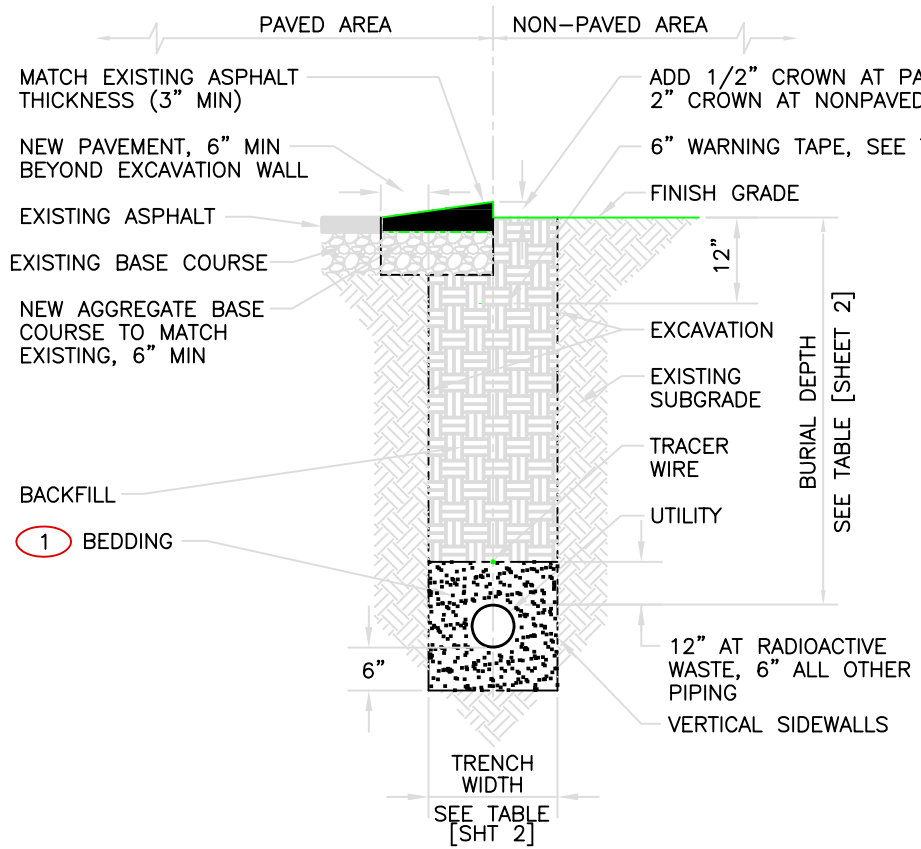

KEYED NOTES:

1. 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).

SINGLE TRENCH DETAIL

SCALE: NONE

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. CIVIL DRAWING ST–G30GEN–3, TRACER WIRE.
   B. MASTER SPECIFICATION 31 2000, EARTH MOVING, (COMPACTION, BEDDING, TRACER WIRE, WARNING TAPE, ETC, SPECIFICATIONS).

NO	DATE	CLASS REV	ADC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
2	8–23–02	U		GENERAL REVISION DWG. NO. WAS ST3211 AND ADDED SHEET 2.	RP	EH	MS	EH	TO
1	7–9–01	U		DELETED KEYED NOTES & COMPACTION REQUIREMENT (SPECIFIED IN SPEC 02310). ADDED NOTES FOR DESIGNER AND REVISED TITLEBLOCK.	RP	EH	JC	JC	TO

ENGINEERING STANDARDS PROGRAM

ENGINEERING STANDARDS MANUAL

SINGLE TRENCH DETAIL

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

BLDG X TA–X

SUBMITTED DISCIPLINE POC: E. HOTH

APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH

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

SHEET 1 OF 2

CLASSIFICATION: U REVIEWER: LARRY BAYS DATE:

PROJECT ID CHAPTER 3 DRAWING NO ST–G30GEN–4 REV 2