

1

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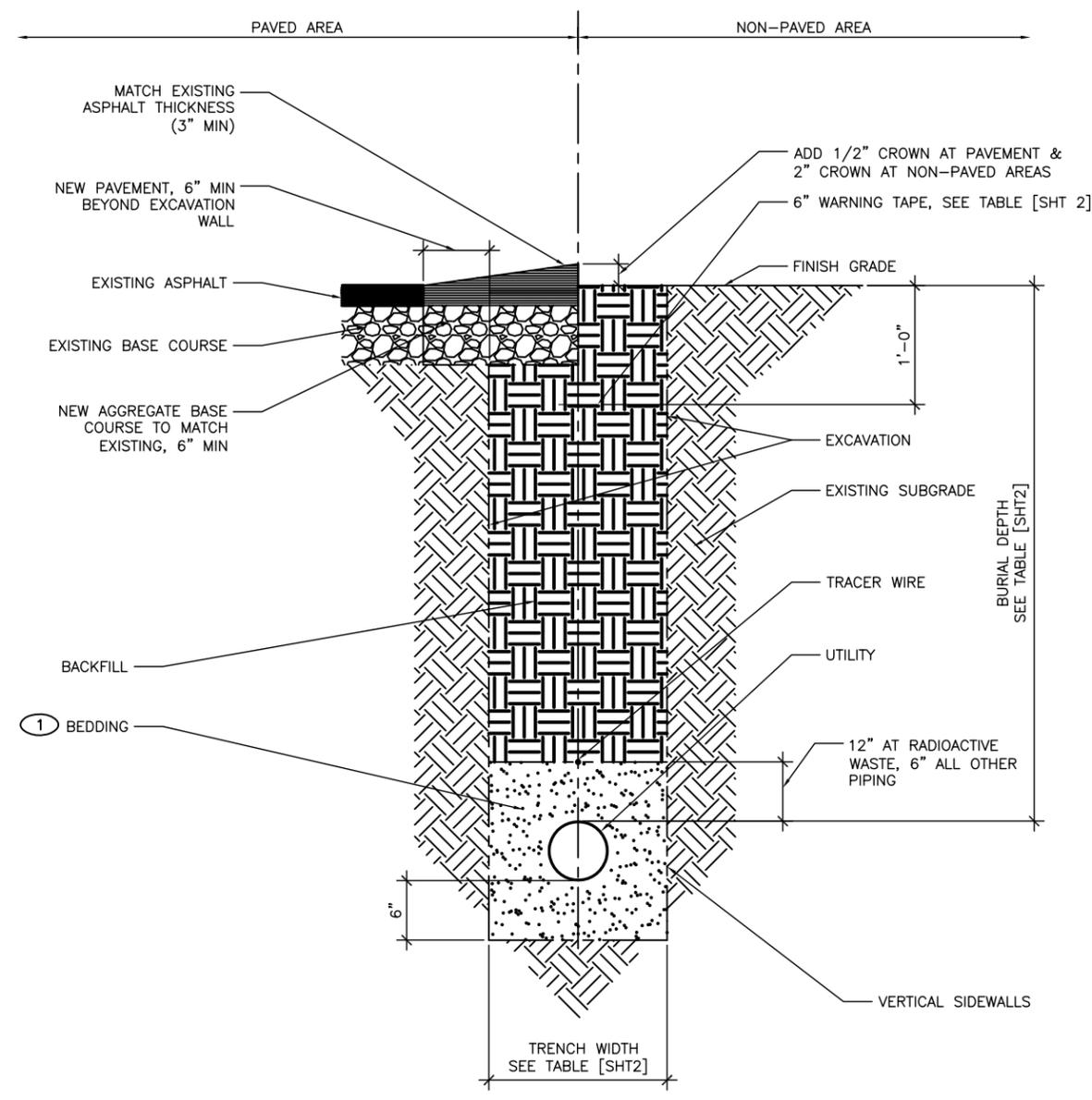
6

D

C

B

A



KEYED NOTES:

① PROVIDE A MINIMUM OF 6" OF SAND BEDDING BETWEEN PIPE AND VERTICAL SIDEWALLS.

X SINGLE TRENCH DETAIL
C-XXXX SCALE: NONE

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 (COMPACTION, BEDDING, TRACER WIRE, WARNING TAPE, ETC, SPECIFICATIONS).
 - CIVIL DRAWING ST-G30GEN-3, TRACER WIRE.

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).

NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
3	1-28-14	U		GENERAL REVISION	KT	MS	JG	RT	TO
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

TA-XX BLDG XXX

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

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

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

1 OF 2 SHEET

D.C.: UNCLASSIFIED REVIEWER: LARRY BAYS BASIS: BASIS DATE: PROJECT ID DRAWING NO BASIS: BASIS ESR NO.: DATE: REV

CHAPTER3ST-G30GEN-4 ESR # 3