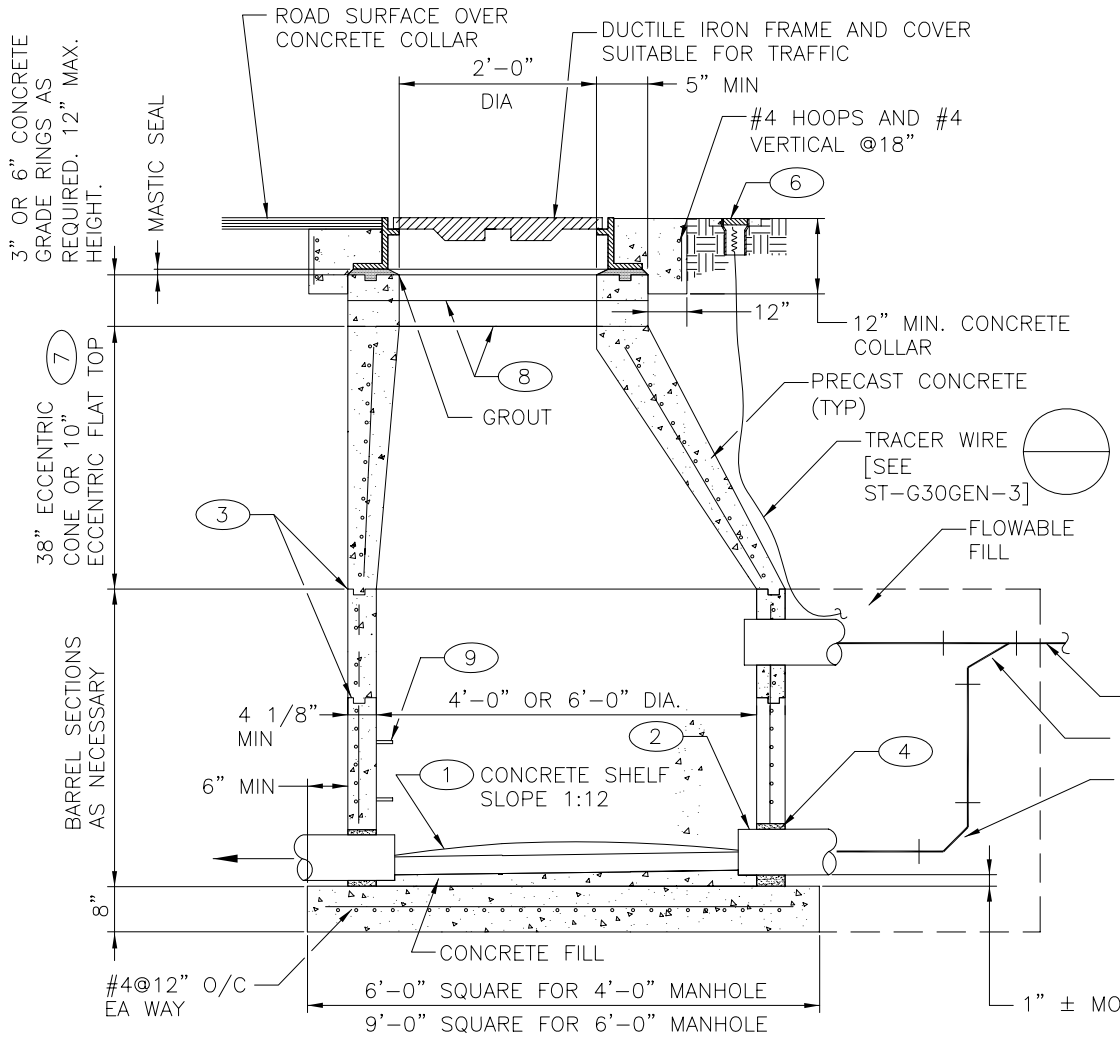

SANITARY SEWER MANHOLE DETAIL

SCALE: NONE

KEYED NOTES:

1. FORM FLOW CHANNELS THRU MANHOLE THE FULL SIZE OF SEWER MAINS CONFORMING TO THE CROSS SECTION OF PIPE; SHAPE AND TROWEL SMOOTH.
2. STOP ALL PIPE 1" INTO MANHOLE.
3. CLEAN ALL JOINTS AND INSTALL SEALING GASKETS.
4. GROUT WATER STOP OR GASKET WATER STOP FOR PLASTIC PIPE (TYP).
5. USE DROP WHERE INVERT CAN NOT BE SET AT MANHOLE FLOWLINE.
6. TEST STATION WITH 6" CONCRETE COLLAR.
7. DO NOT USE FLAT TOPS IN PARKING LOTS OR ROADWAYS.
8. MASTIC AND/OR GROUT FOR WATER TIGHT SEAL AND PREVENTION OF DISPLACEMENT OF RINGS AND COVER.
9. INSTALL TWO BOTTOM STEPS ABOVE OUTLET IN 6' DIA. MANHOLE.

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. SEE SHEET 2.

NO	DATE	CLASS REV	ADC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
2	8-21-06	U	DY	REVISED KEYED NOTE 4, ADDED KEYED NOTE 9, & REVISED DETAIL ACCORDINGLY, 6' DIA MANHOLE WAS 5' DIA, & 9' SQUARE PAD WAS 8'.	RP	EH	MS	EH	TO
1	8-23-02	U	DY	GENERAL REVISION AND DWG. NO. WAS ST3732.	RP	EH	MS	EH	TO

ENGINEERING STANDARDS PROGRAM

ENGINEERING STANDARDS MANUAL

SANITARY SEWER MANHOLE DETAIL

BLDG X TA-X

DRAWN	R.PEARSON
DESIGN	E.HOTH
CHECKED	M.SMITHOUR
DATE	6-28-99

SUBMITTED
DISICPLINE POC: E. HOTH

APPROVED FOR RELEASE
STANDARDS MANAGER: TOBIN ORUCH

Los Alamos NATIONAL LABORATORY
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Los Alamos, New Mexico 87545

SHEET 1 OF 2

CLASSIFICATION: U
REVIEWER: LARRY BAYS
DATE:

PROJECT ID: CHAPTER 3
DRAWING NO: ST-G3020-1
REV: 2

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