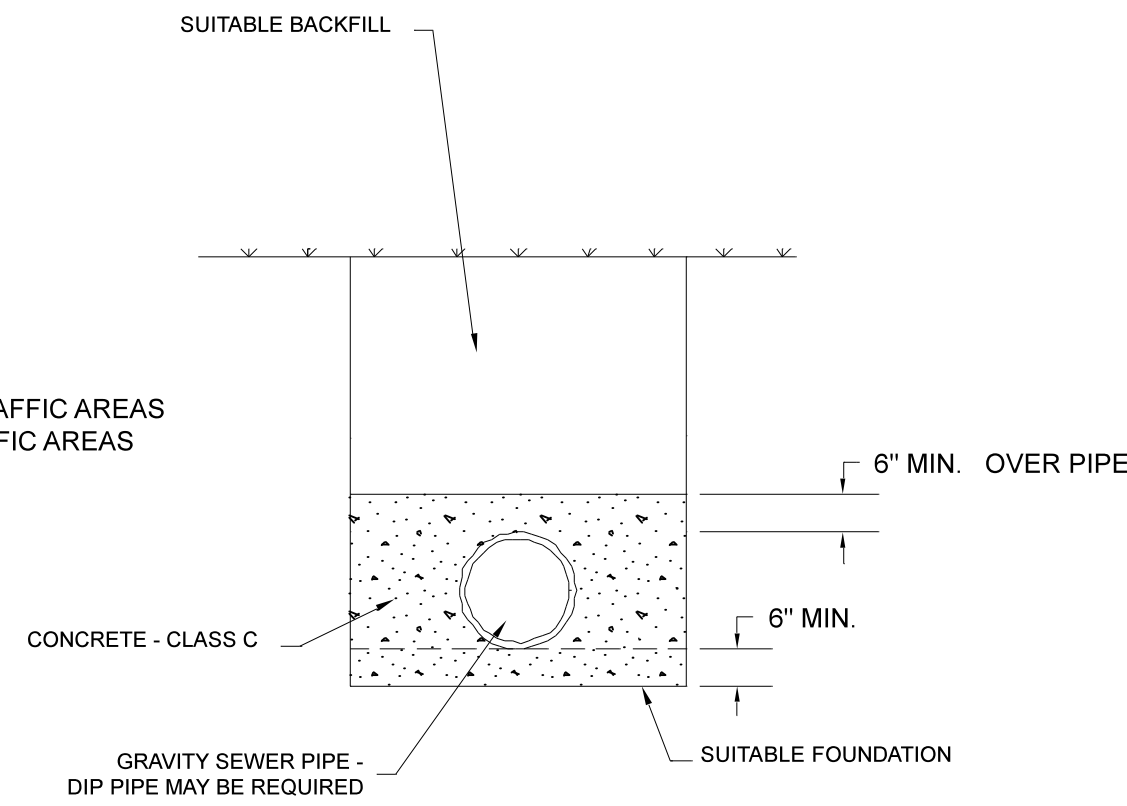


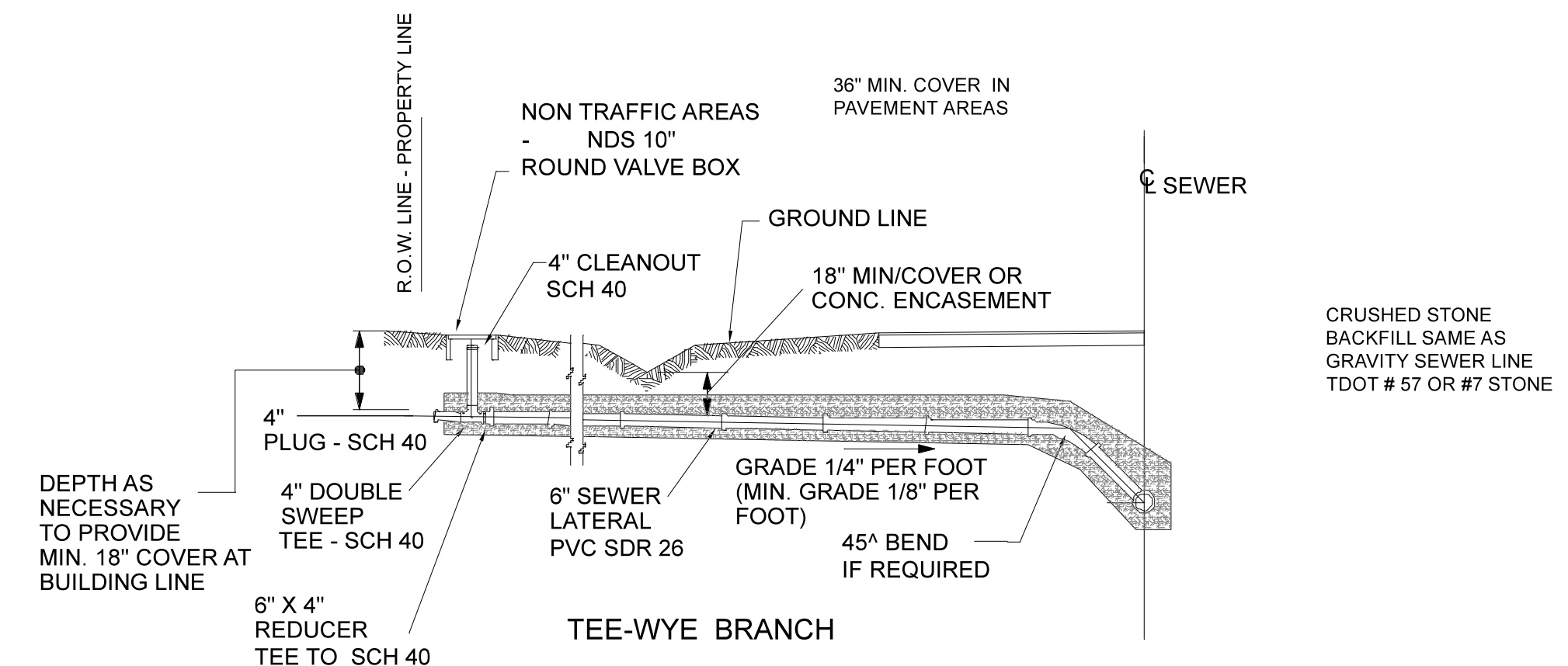
CONCRETE PROTECTION OR CONCRETE CAP FOR MINIMAL COVER

NTS



CONCRETE ENCASEMENT STREAM OR DITCH CROSSINGS

NTS



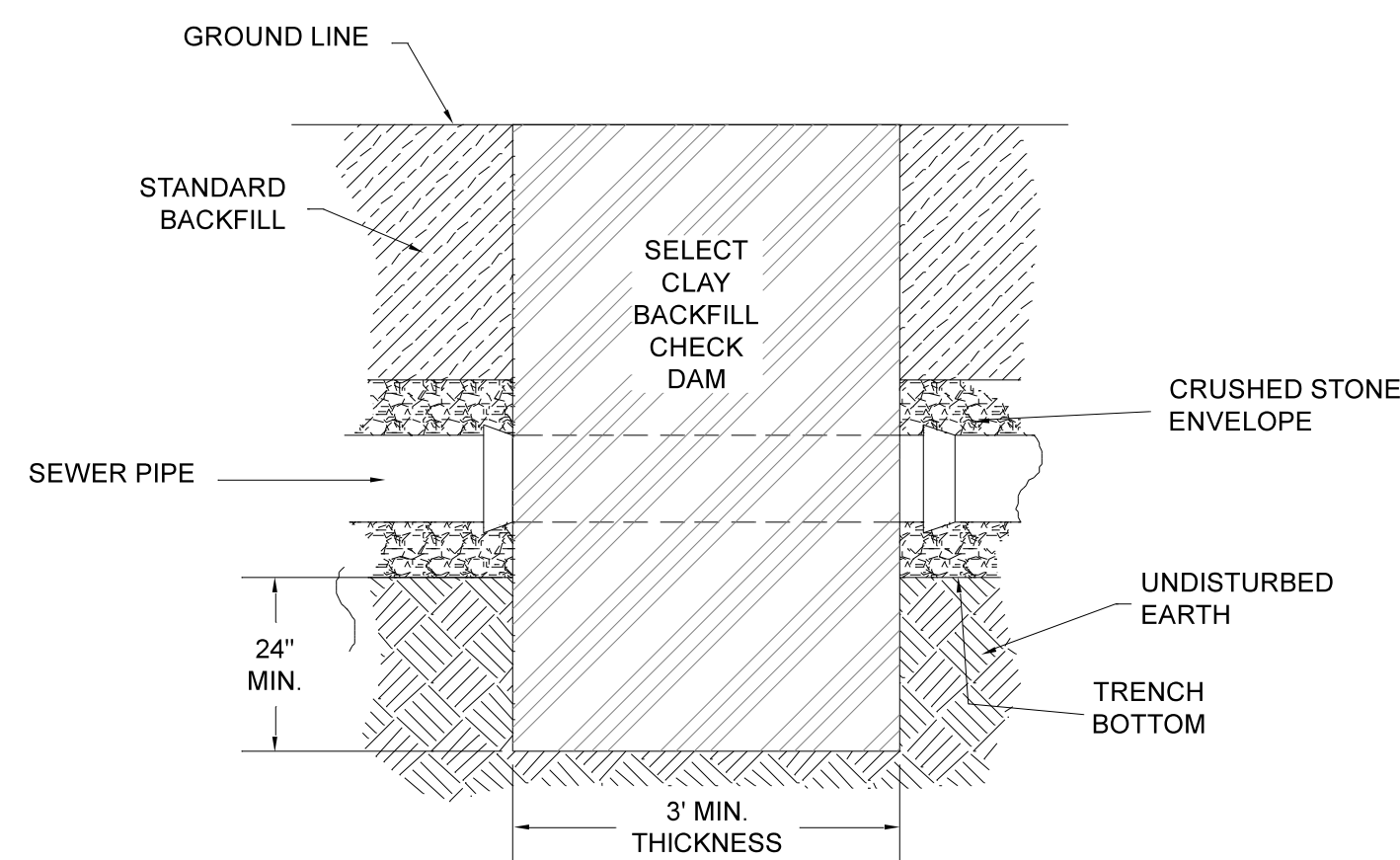
SEWER SERVICE - TYPICAL

NTS

NOTES:

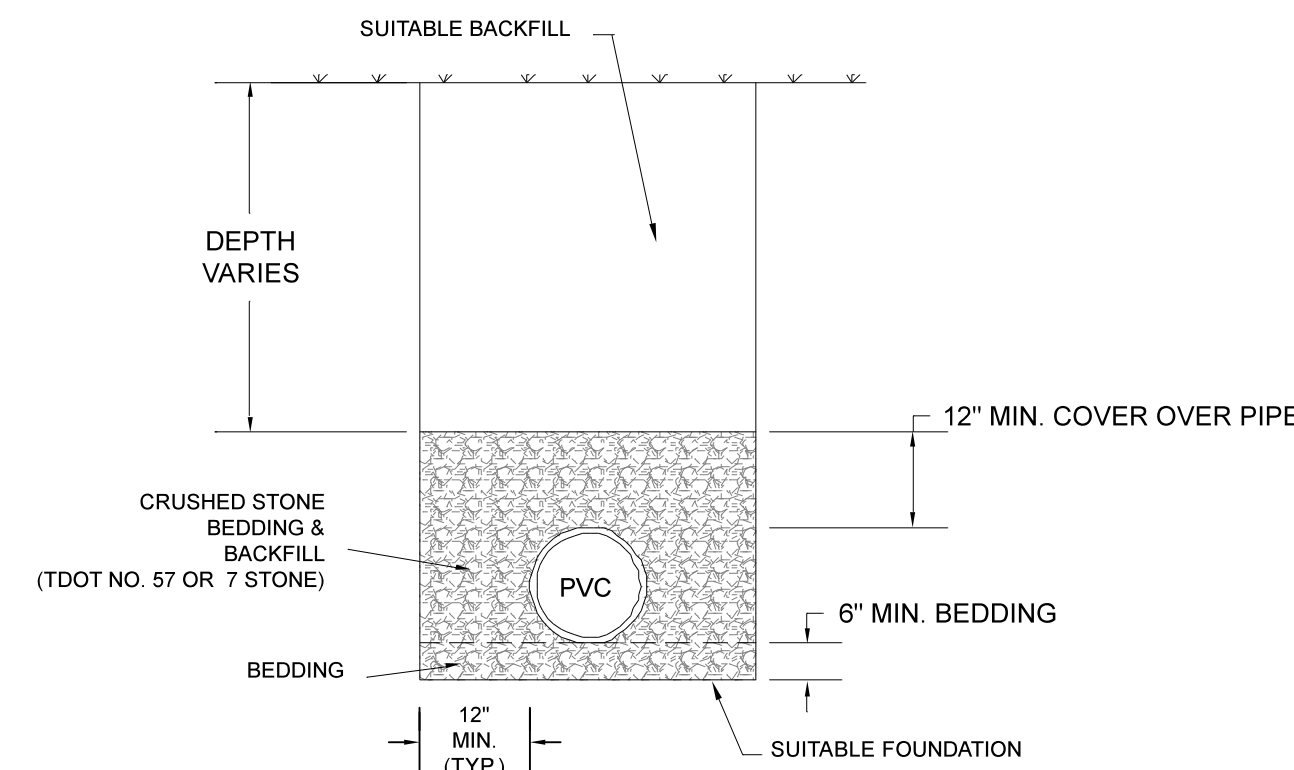
Resilient pipe connectors shall be manufactured in accordance with ASTM C923 and shall consist of a durable rubber boot which shall be clamped securely to the cutout in the manhole wall and to the pipe by means of stainless steel clamps or bands. Or, a compression ring gasket cast in to the manhole wall, pipe is inserted and held by compression. (A-LOK) Resilient connectors shall be as manufactured by the NPC INC, KOR-N-SEAL Co. of Milford, New Hampshire, Press-Seal Gasket Corp., PRESS-BOOT of Fort Wayne, Indiana, A-LOK Products of Tullytown, PA, or approved equal.

Flexible plastic sealant for joints in precast manhole sections, grade rings and castings shall provide permanently flexible watertight joints, shall remain workable over a wide temperature range, and shall not shrink, harden, or oxidize upon aging. Material shall be butyl resin sealant ConSeal CS-102 or CS-202 as manufactured by Concrete Sealants, Inc. of New Carlisle, Ohio, RUB'R-NEK L-T-M manufactured by K. T. Snyder Co., Inc. of Houston, Texas, or other approved equal. A minimum of two (2) strips of joint sealant shall be required at each joint and shall conform to AASHTO M198B. Rubber gaskets conforming to the physical properties of ASTM C443 may be used in lieu of butyl sealant.



CLAY CHECK DAM FOR GRAVITY SEWER LINES UPSTREAM SIDE OF MAHHOLES BOTH SIDES OF CREEK CROSSINGS

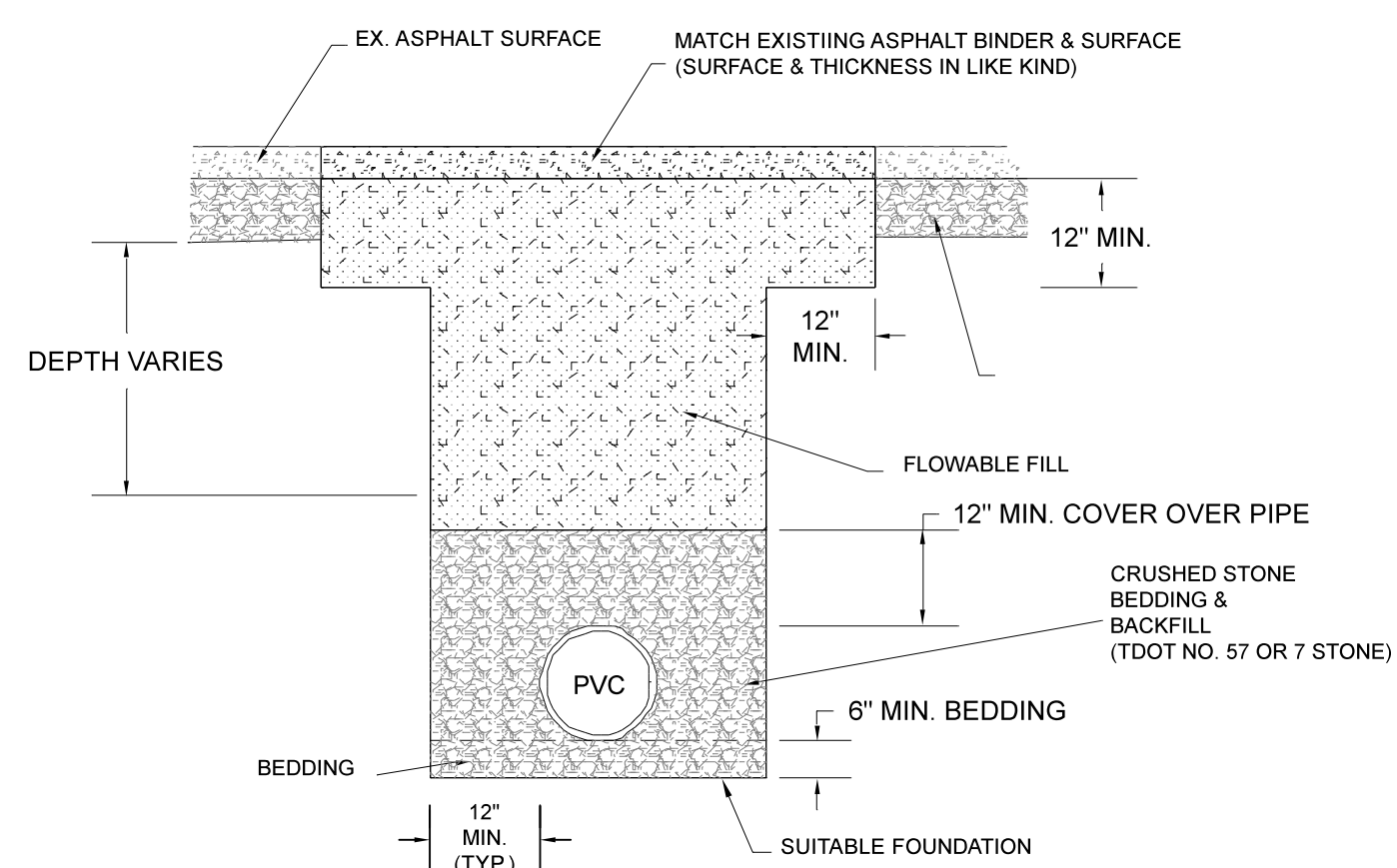
NTS



TYPICAL SEWER PVC SDR 26 TRENCH DETAIL UNPAVED AREAS

NTS

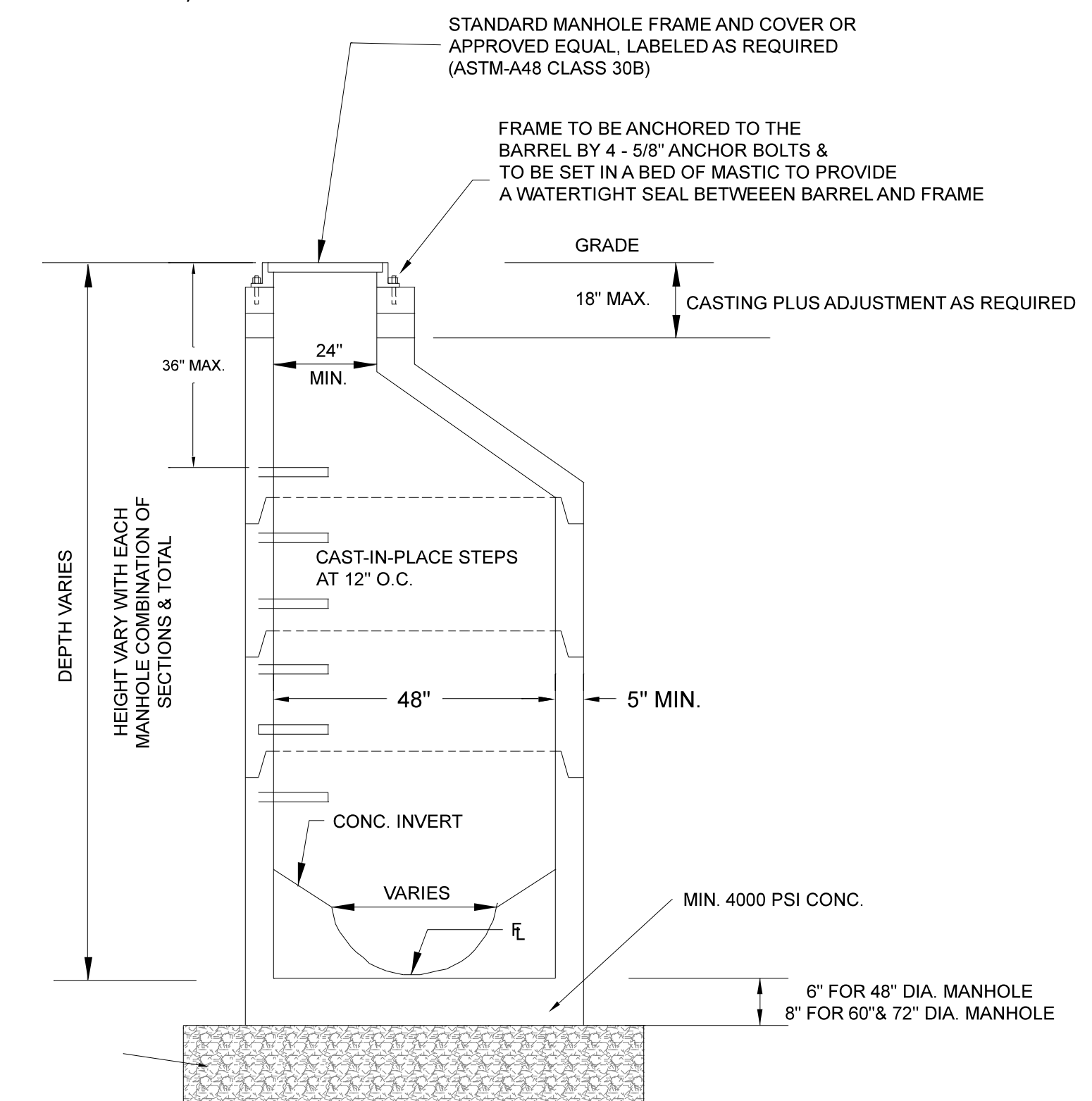
MINIMUM TRENCH WIDTH = PIPE DIAMETER + 12 INCHES ON EACH SIDE OF THE PIPE



TYPICAL SEWER PVC SDR 26 TRENCH DETAIL EX. PAVED AREAS WITH FLOWABLE FILL

NTS

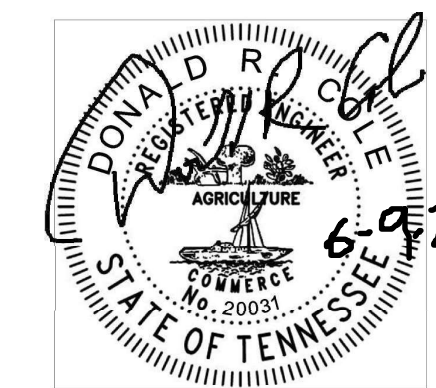
MINIMUM TRENCH WIDTH = PIPE DIAMETER + 12 INCHES ON EACH SIDE OF THE PIPE



PRECAST SEWER MANHOLE

ECCENTRIC CONE

NTS



**CITY OF CROSSVILLE
ENGINEERING DEPARTMENT**
392 N MAIN ST
CROSSVILLE, TN 38655
PHONE: (931) 484-5113
FAX: (931) 484-7713

**DETAIL SHEET
GRAVITY SEWER**

NO.	DATE	REVISION DESCRIPTION

FILE NAME:
DETAIL SHEET
GRAVITY SEWER
DRAWN BY: DRC
CHECKED BY: TB
DATE: 4/2026
PROJECT NO.:

SHEET NO.
1 OF 1

SHEET TITLE
DETAIL SHEET