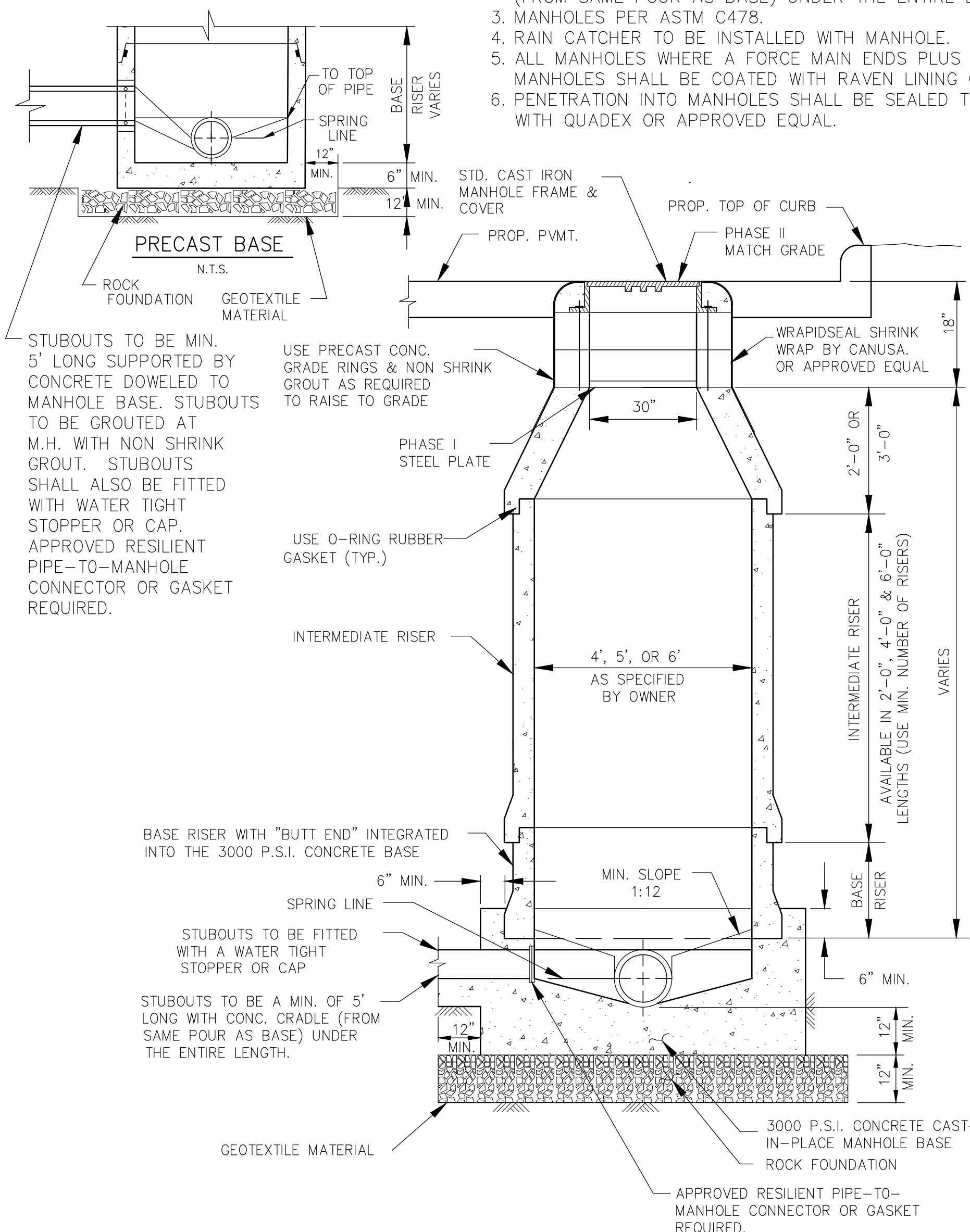
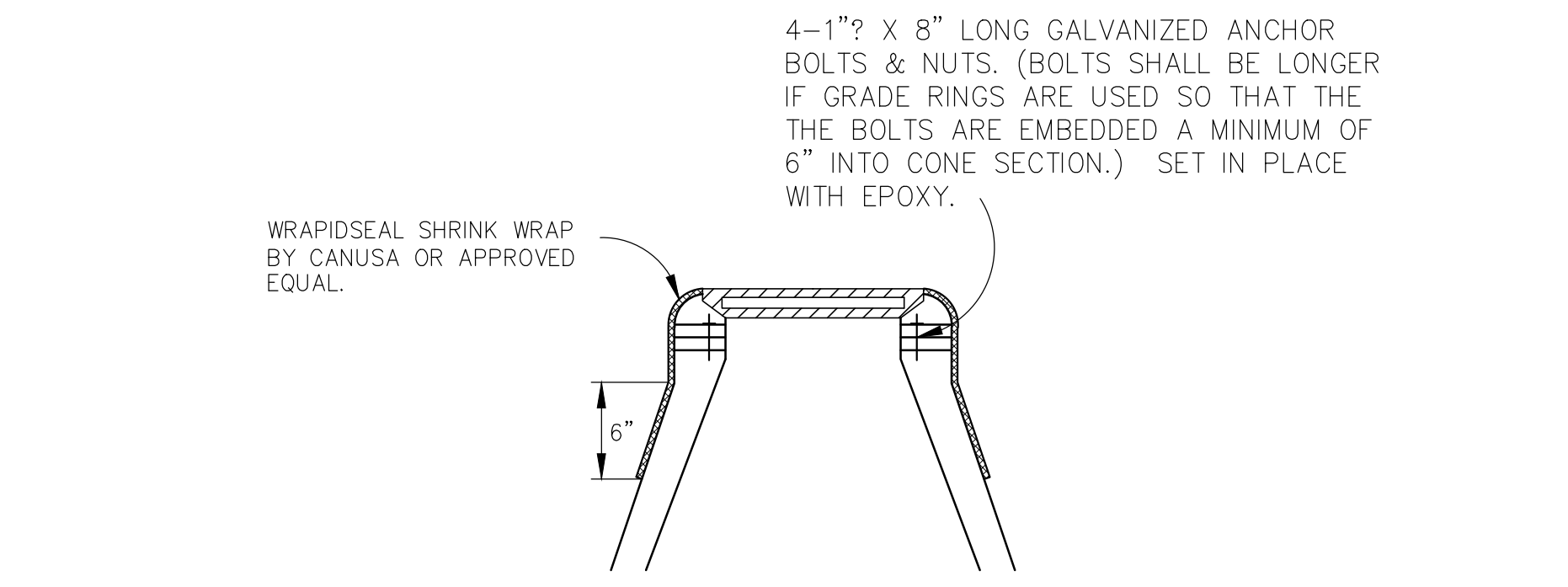


NOTES:

- WHERE M.H.'S ARE IN "PROPOSED" PAVING, STEEL PLATE SHALL BE SET 18" BELOW THE PROPOSED PAVEMENT GRADE.
- FIRST MAIN LINE JOINT TO BE A MIN. OF 5' LONG WITH CONC. CRADLE (FROM SAME POUR AS BASE) UNDER THE ENTIRE LENGTH.
- MANHOLES PER ASTM C478.
- RAIN CATCHER TO BE INSTALLED WITH MANHOLE.
- ALL MANHOLES WHERE A FORCE MAIN ENDS PLUS THE TWO DOWNSTREAM MANHOLES SHALL BE COATED WITH RAVEN LINING OR APPROVED EQUAL.
- PENETRATION INTO MANHOLES SHALL BE SEALED TO WATER TIGHTNESS WITH QUADDEX OR APPROVED EQUAL.



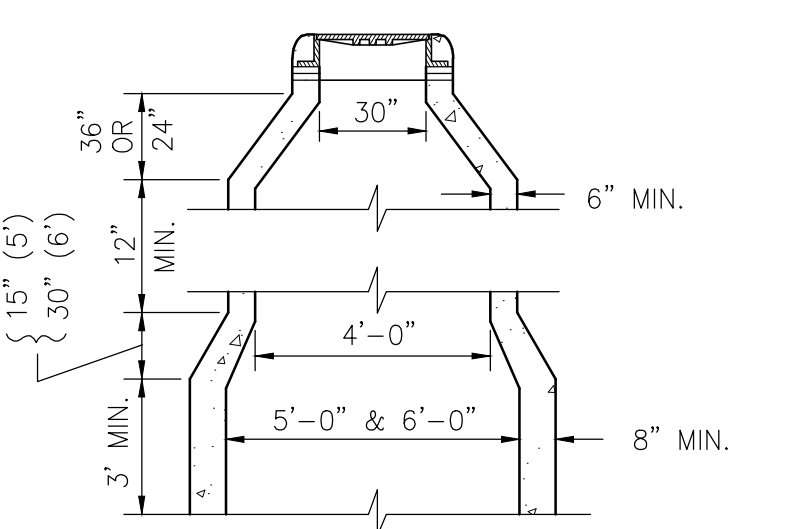
1 PRECAST SANITARY SEWER MANHOLE



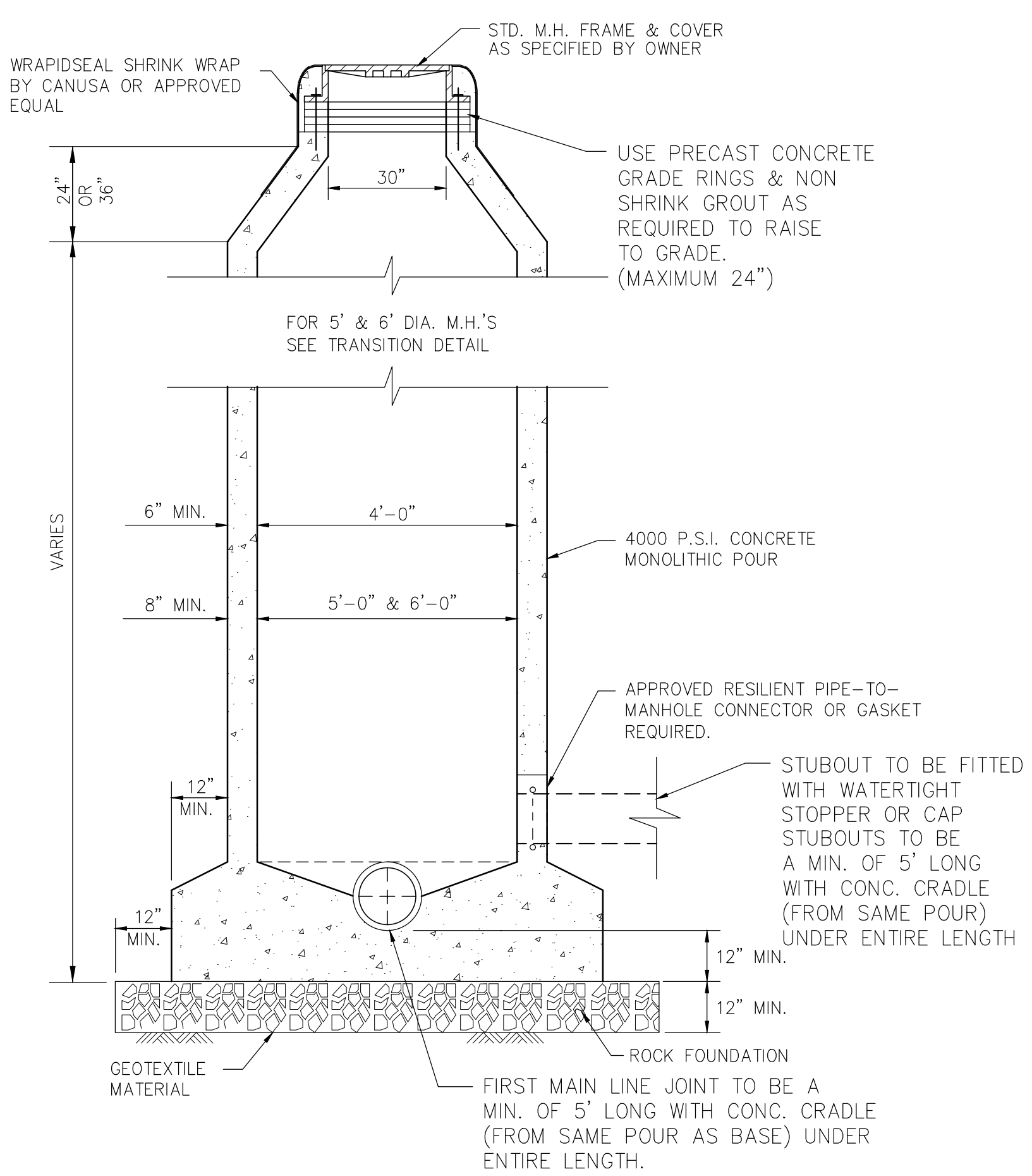
5 MANHOLE FRAME ANCHOR & SEAL (TYPICAL ON ALL MANHOLES)



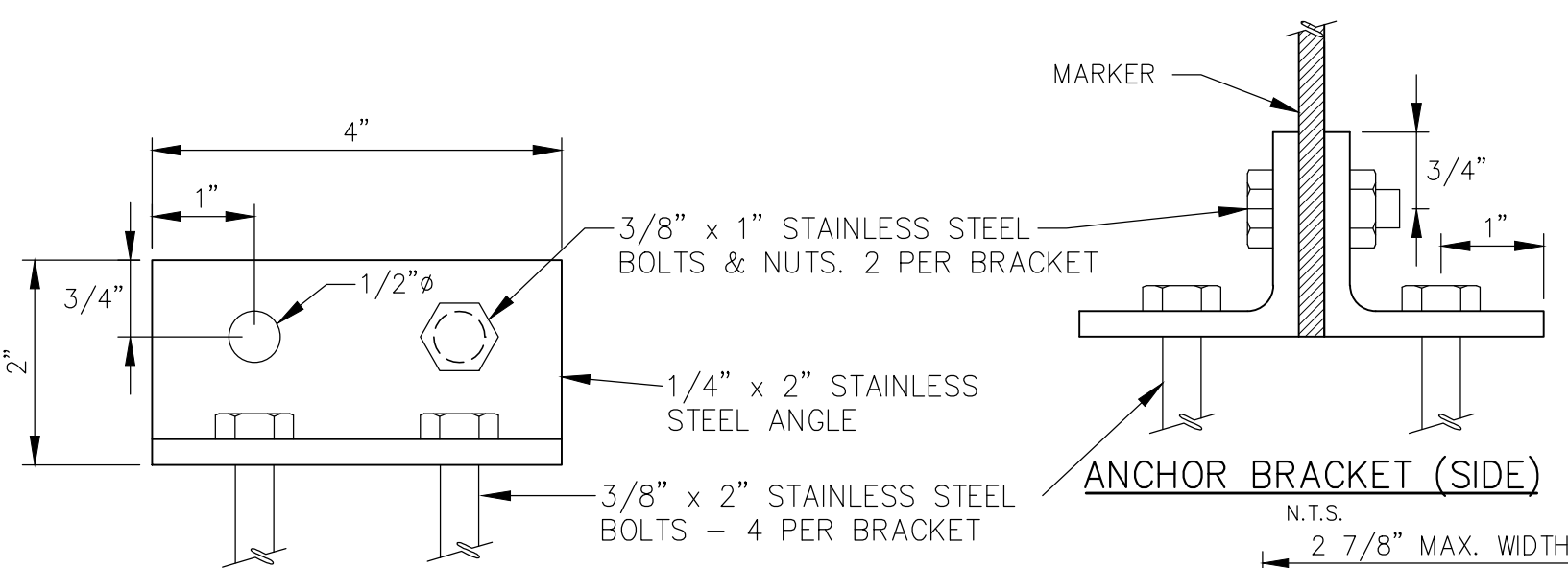
4 MANHOLE COVER DETAIL
SCALE: 1" = 1'-0"



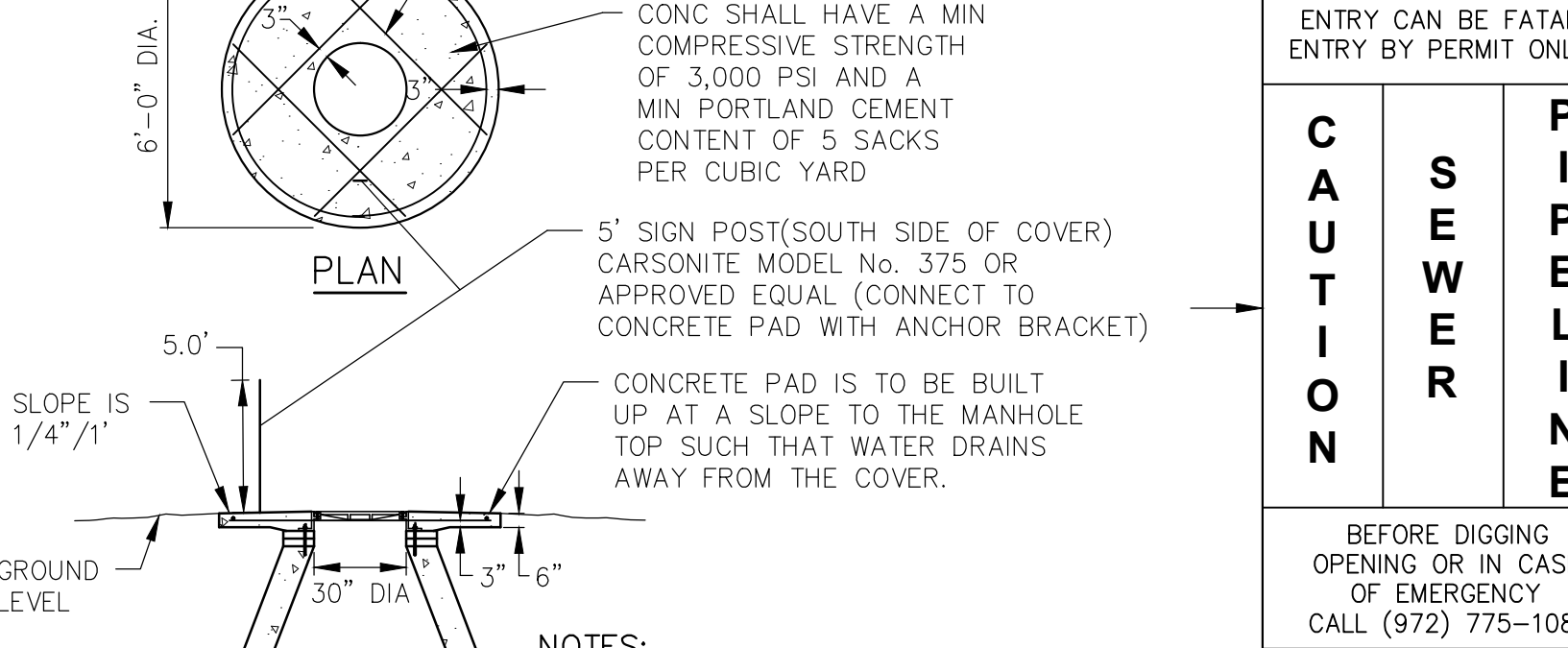
6 TRANSITION DETAIL FOR 5' & 6' DIA. M.H.'S
N.T.S.



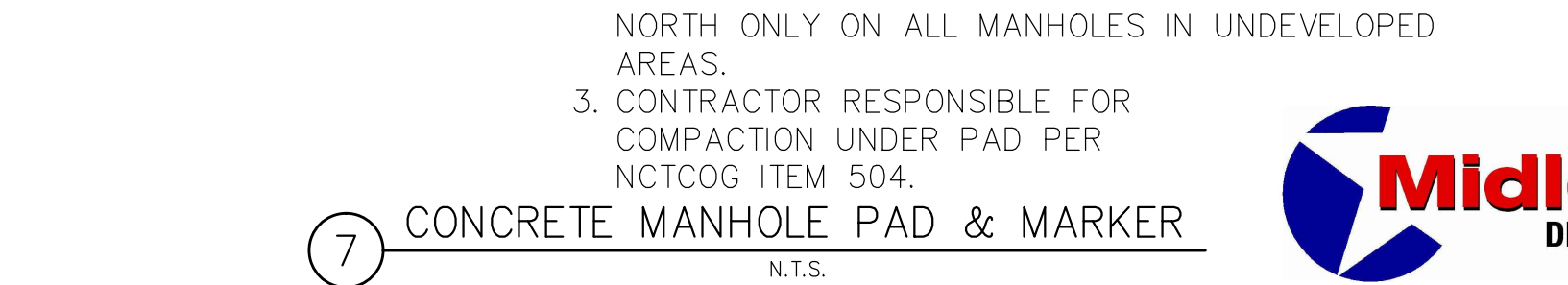
2 CAST-IN-PLACE SANITARY SEWER MANHOLE



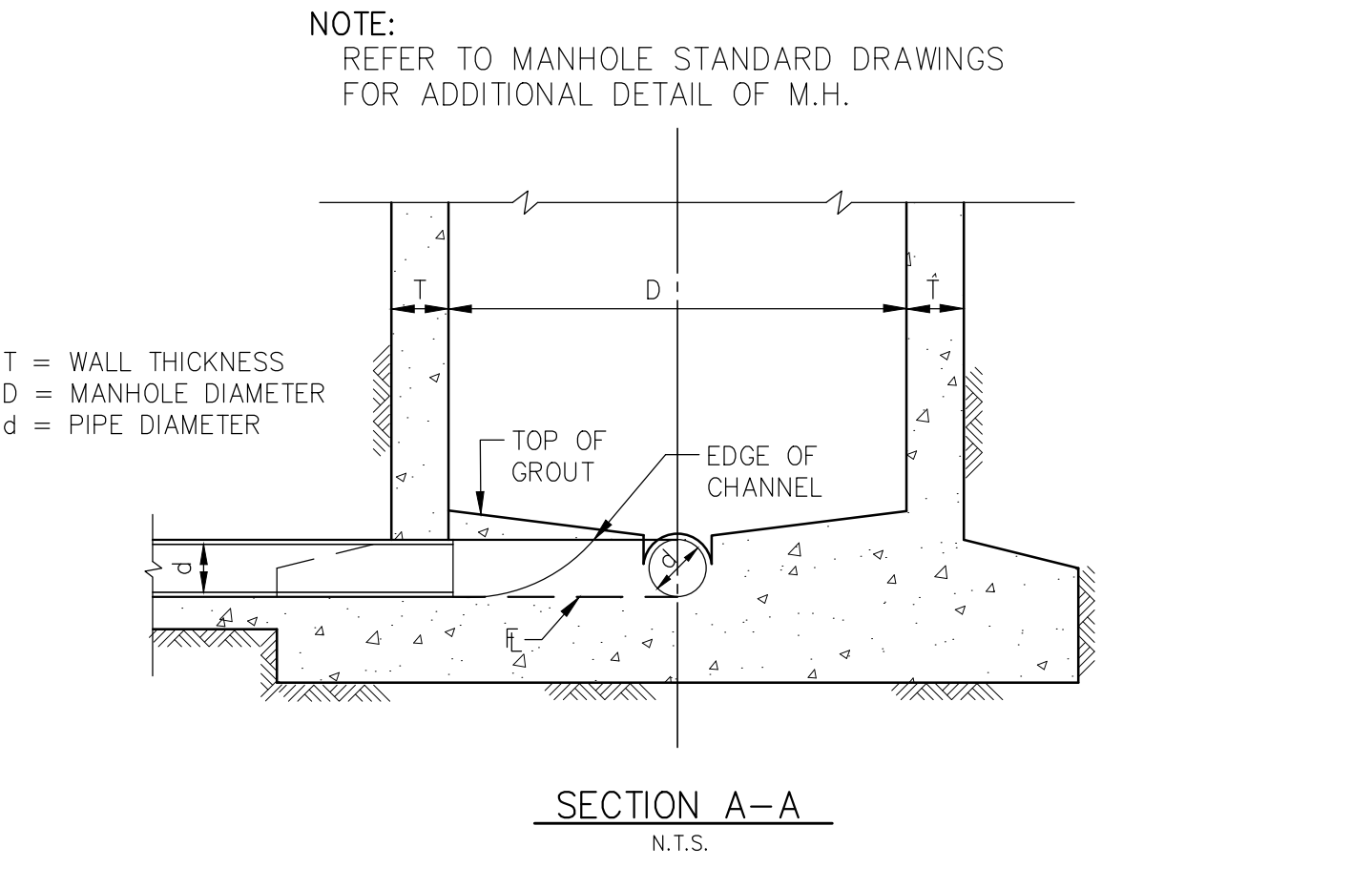
7 CONCRETE MANHOLE PAD & MARKER
N.T.S.



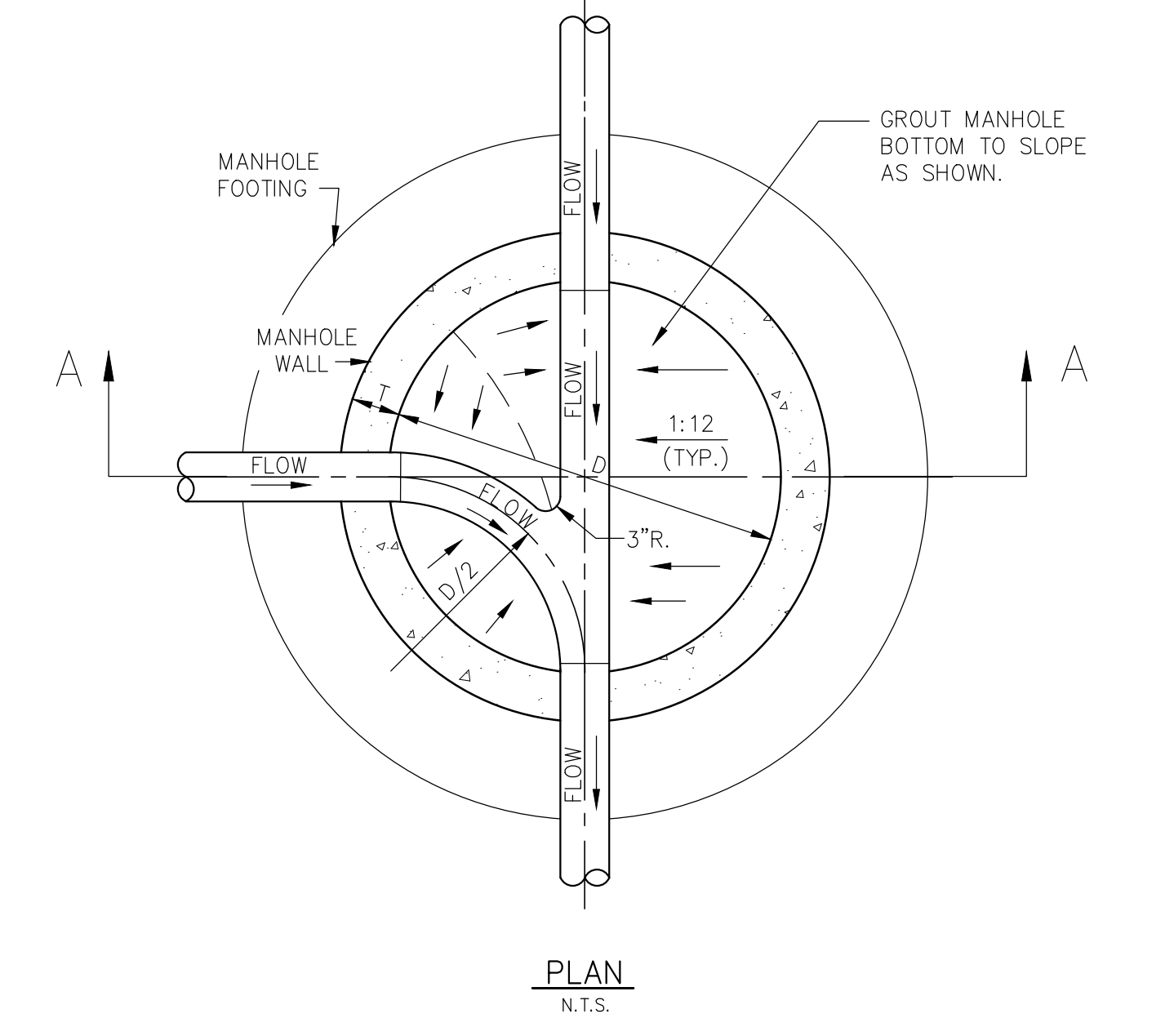
3 SANITARY SEWER MANHOLE LINE INTERSECTION
N.T.S.



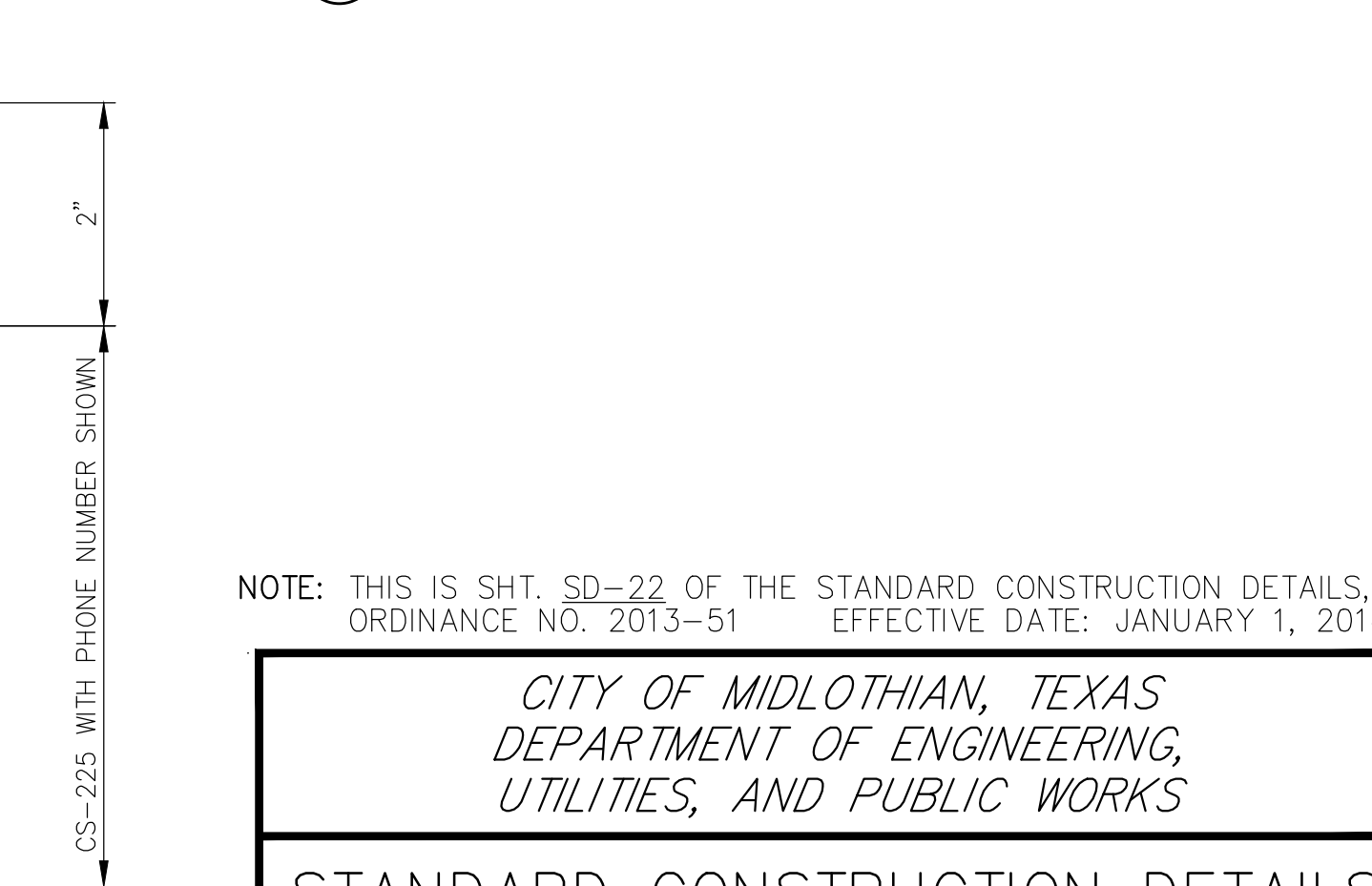
7 CONCRETE MANHOLE PAD & MARKER
N.T.S.



3 SANITARY SEWER MANHOLE LINE INTERSECTION
N.T.S.



3 SANITARY SEWER MANHOLE LINE INTERSECTION
N.T.S.



7 CONCRETE MANHOLE PAD & MARKER
N.T.S.

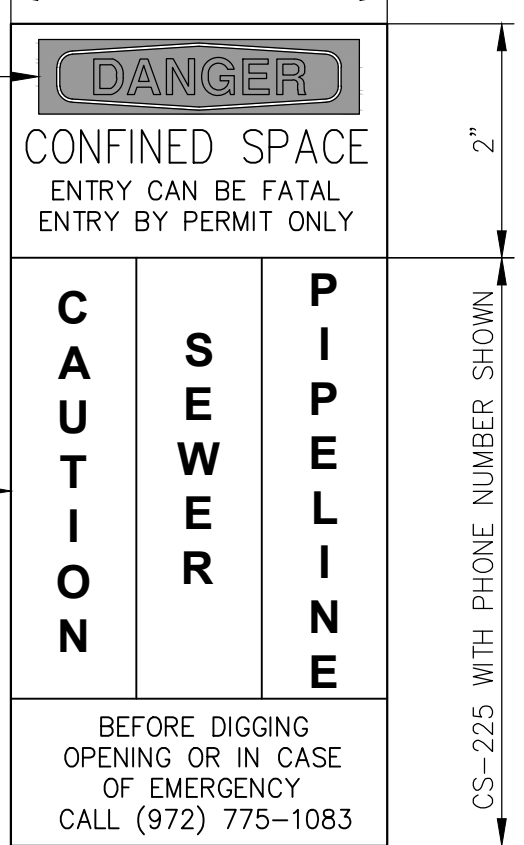


7 CONCRETE MANHOLE PAD & MARKER
N.T.S.

NOTE: REFER TO MANHOLE STANDARD DRAWINGS FOR ADDITIONAL DETAIL OF M.H.

T = WALL THICKNESS
D = MANHOLE DIAMETER
d = PIPE DIAMETER

NOTE: MANHOLE COVER AND FRAME SHALL BE EAST JORDAN IRON WORKS, INC. NO. 1480 Z AND 1495 A FOR REGULAR FRAME AND COVER OR 1480 ZPT AND 1495 APT FOR BOLT DOWN FRAME AND COVER. LOCAL SUPPLIER IS BASS & HAYS FOUNDRY, INC., GRAND PRAIRIE, TEXAS.



7 CONCRETE MANHOLE PAD & MARKER
N.T.S.

NOTE: THIS IS SHT. SD-22 OF THE STANDARD CONSTRUCTION DETAILS, ORDINANCE NO. 2013-51 EFFECTIVE DATE: JANUARY 1, 2014

CITY OF MIDLOTHIAN, TEXAS
DEPARTMENT OF ENGINEERING,
UTILITIES, AND PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS
SANITARY SEWER

SANITARY SEWER
MANHOLE DETAILS

NO:	REVISION:	DATE:	SHEET:
			SD-22

