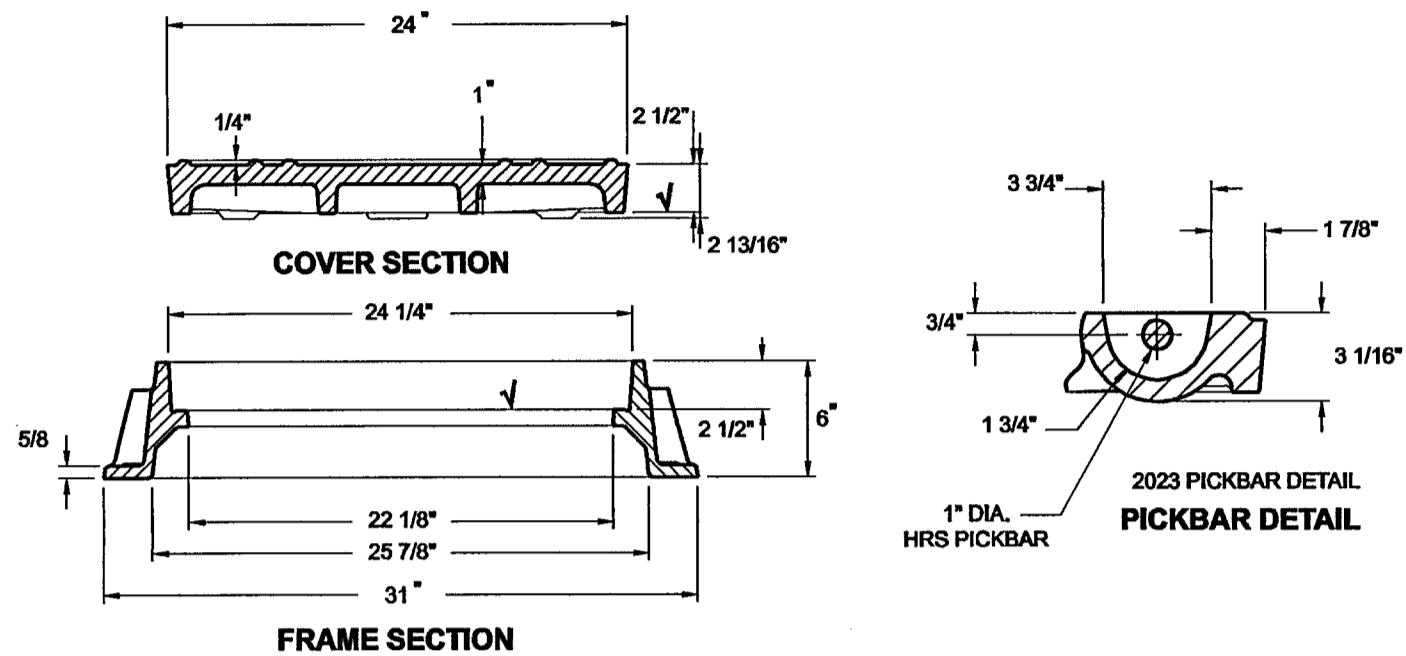


BOTTOM VIEW OF COVER

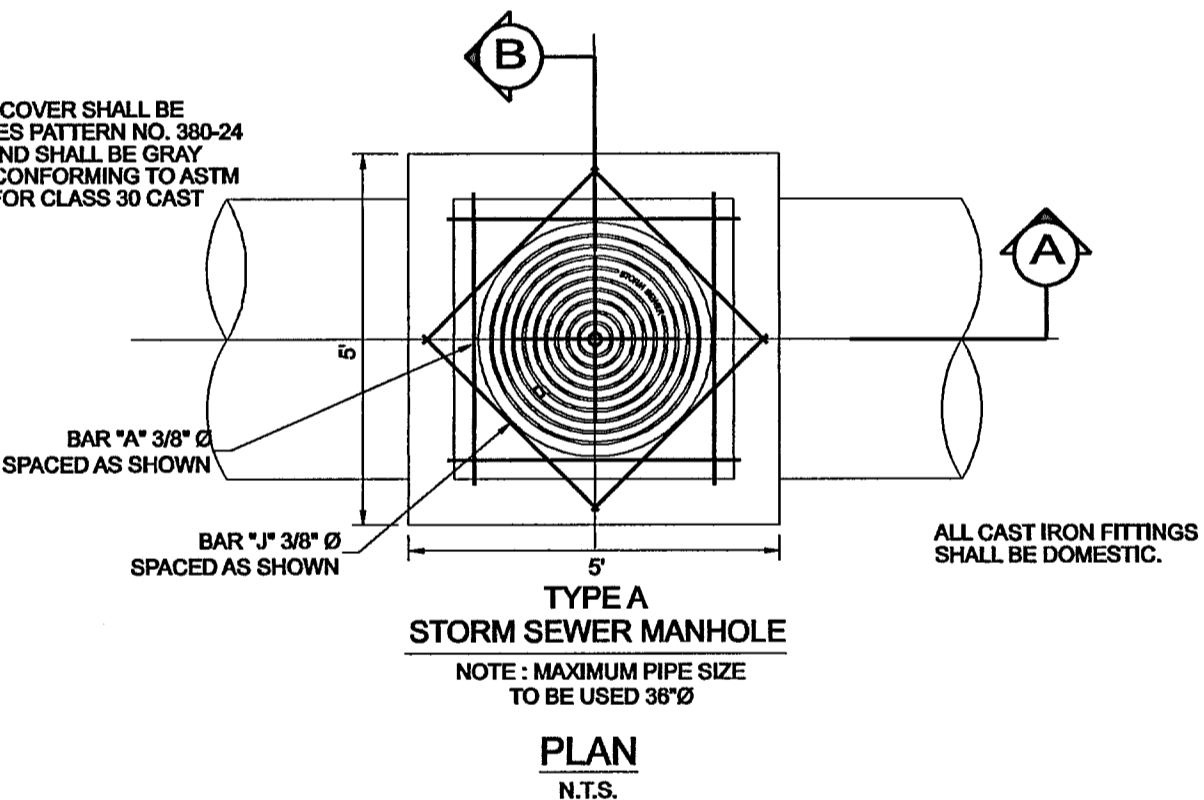


LOAD RATING HEAVY DUTY	COATING DIPPED	ESTIMATED WEIGHT COVER: 193 LBS FRAME: 151 LBS	MATERIAL SPECIFICATION COVER - GRAY IRON ASTM A48 CL35B FRAME - GRAY IRON ASTM A48 CL35B
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DESIGNATES MACHINE SURFACE

CAST IRON FRAME AND COVER

NOTE: FRAME AND COVER SHALL BE BASS & HAYES PATTERN NO. 380-24 OR EQUAL AND SHALL BE GRAY CAST IRON CONFORMING TO ASTM SPEC. A-48 FOR CLASS 30 CAST IRON.

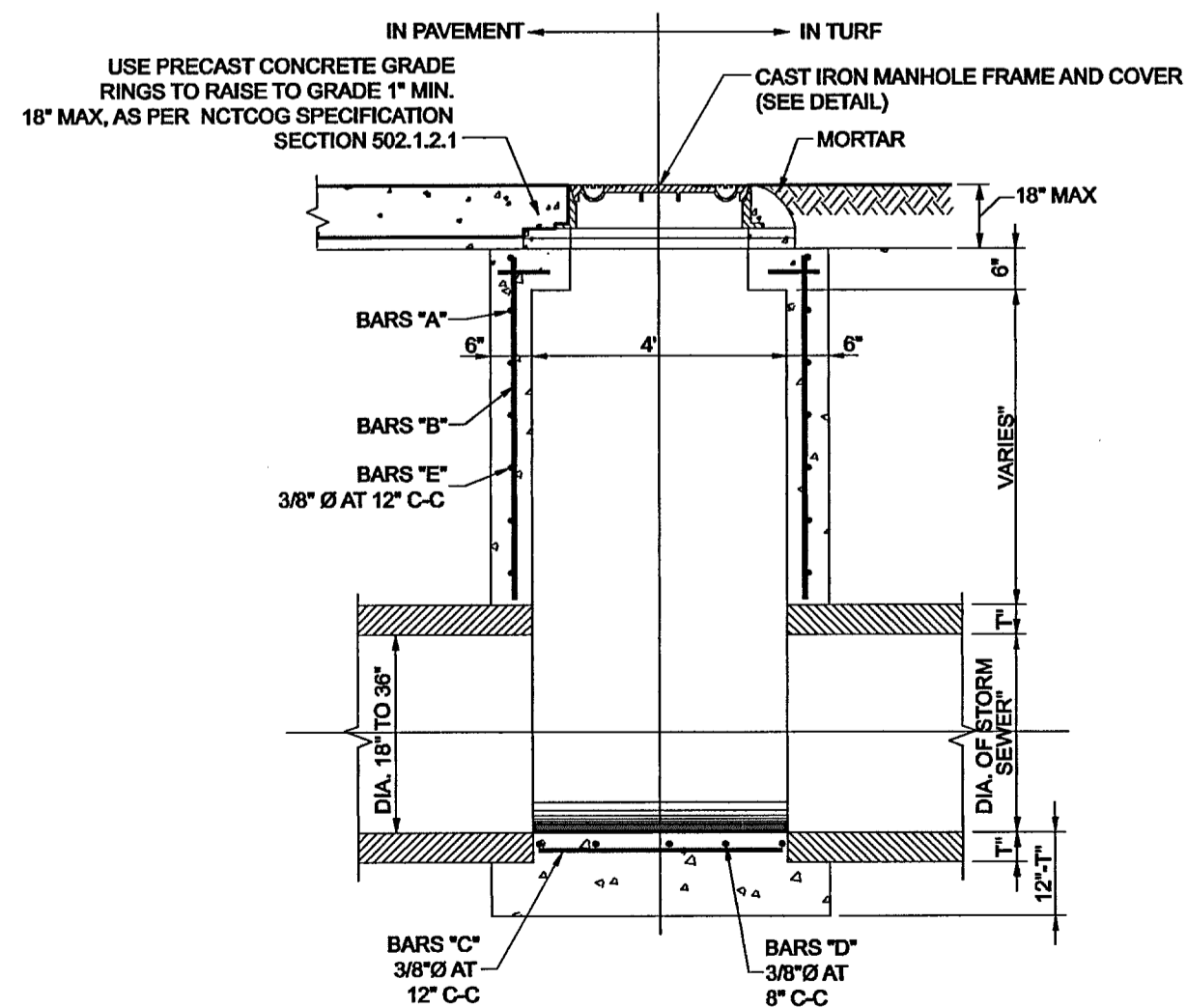


TYPE A STORM SEWER MANHOLE

NOTE: MAXIMUM PIPE SIZE TO BE USED 38" Ø

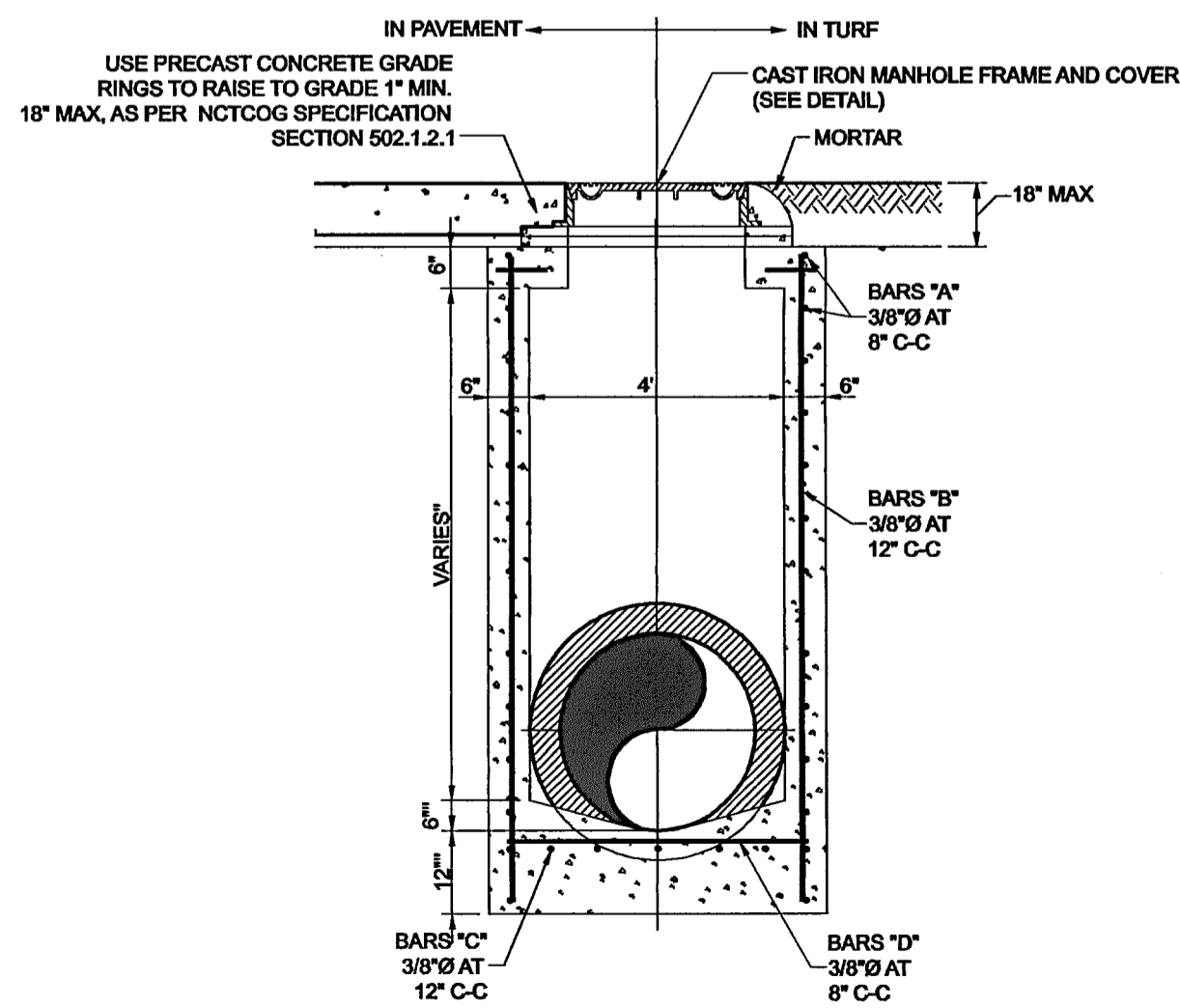
PLAN

N.T.S.



SECTION A

N.T.S.

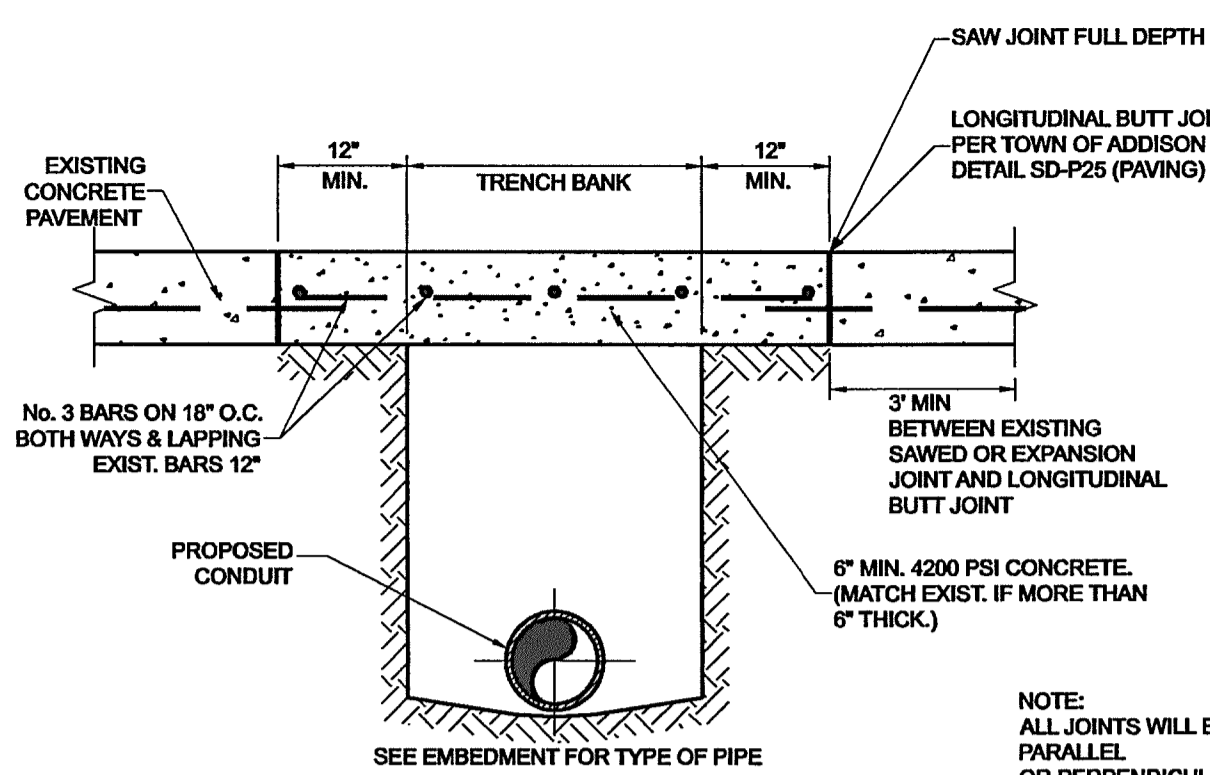


SECTION B

N.T.S.

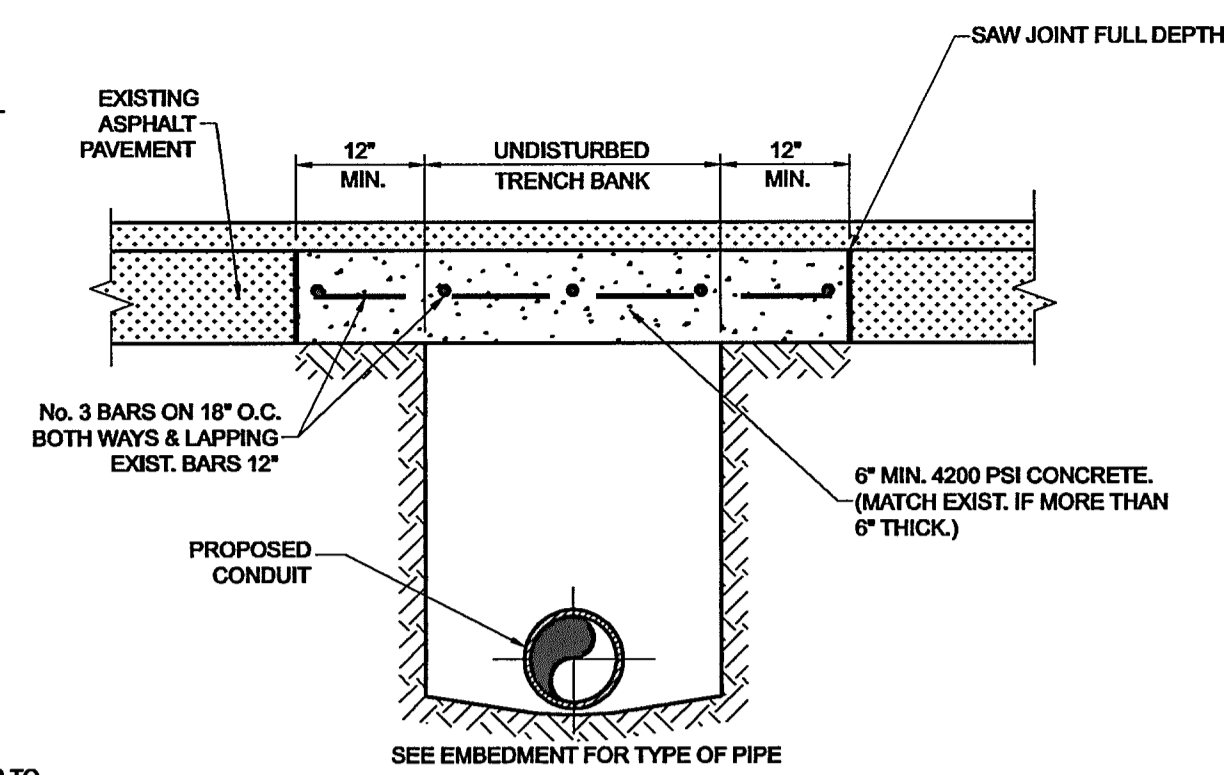
TYPE 'A' STORM DRAIN MANHOLE

N.T.S.



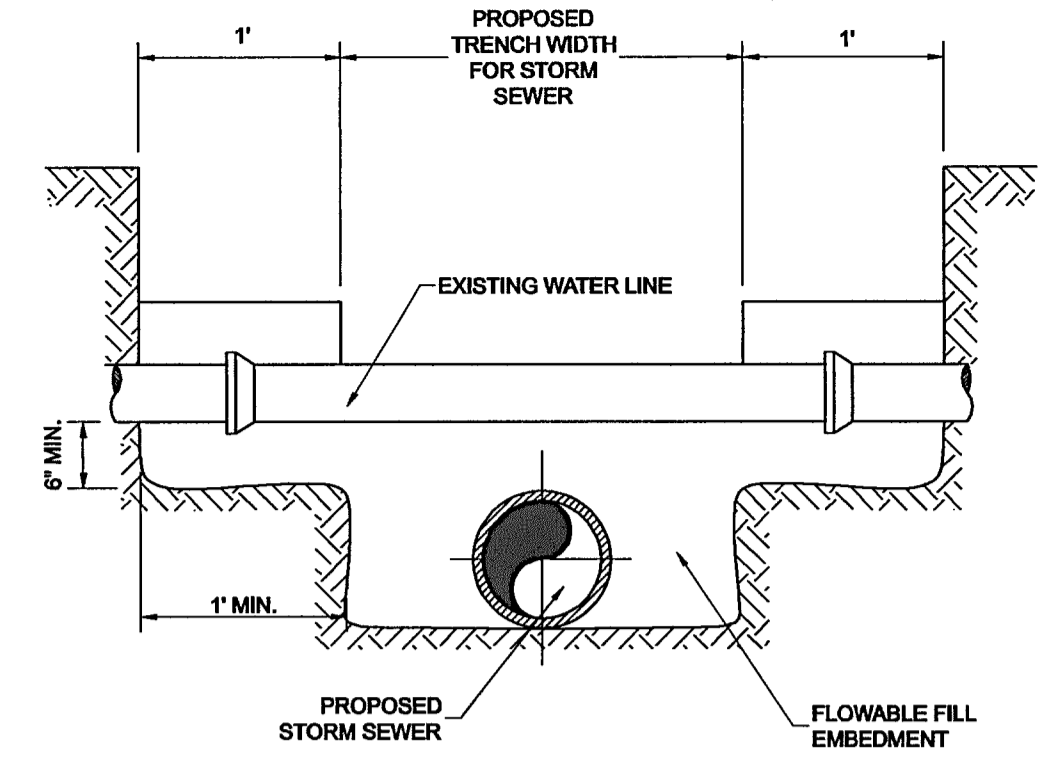
CONCRETE STREET OR DRIVEWAY REPAIR

N.T.S.

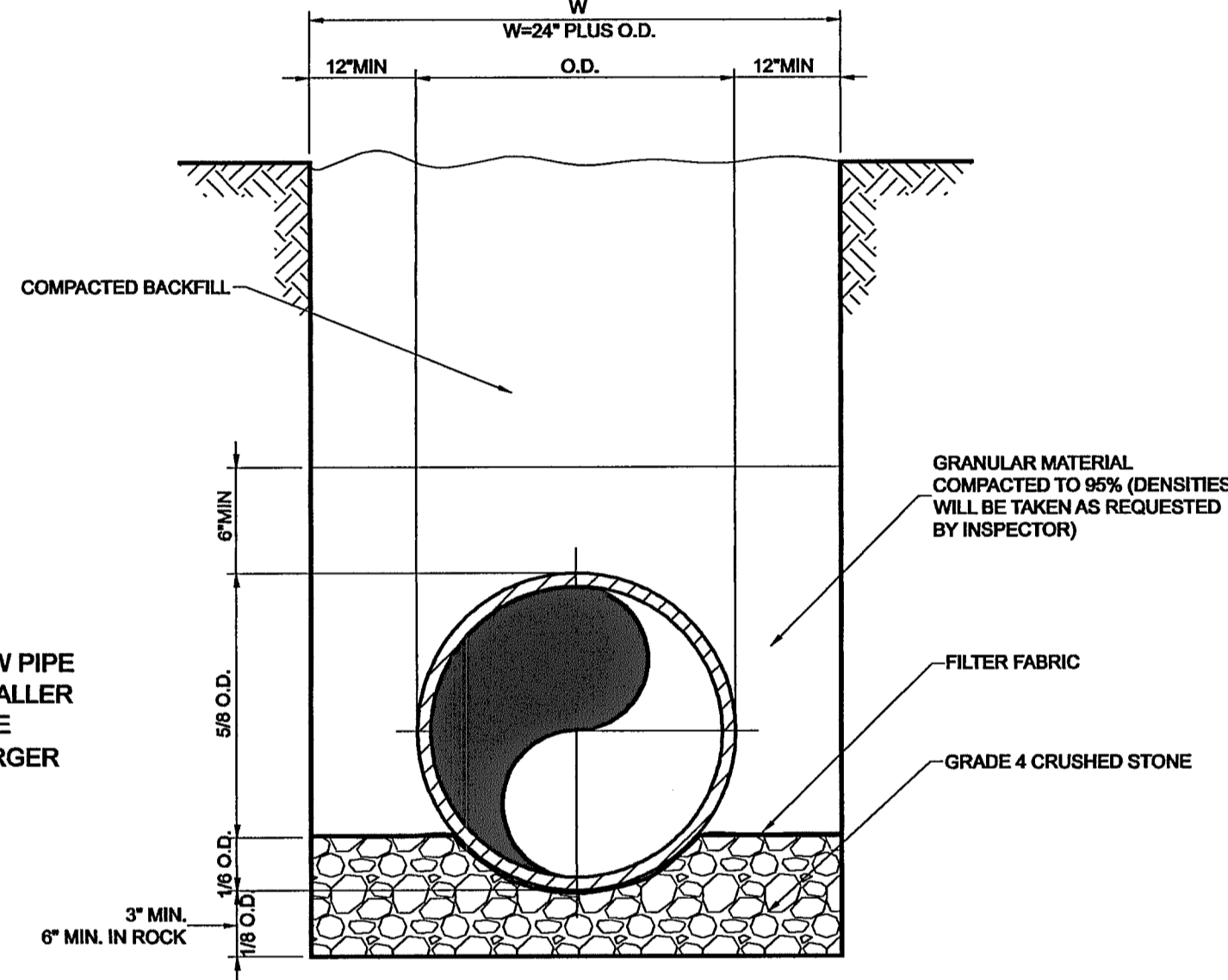


ASPHALT STREET OR DRIVEWAY REPAIR

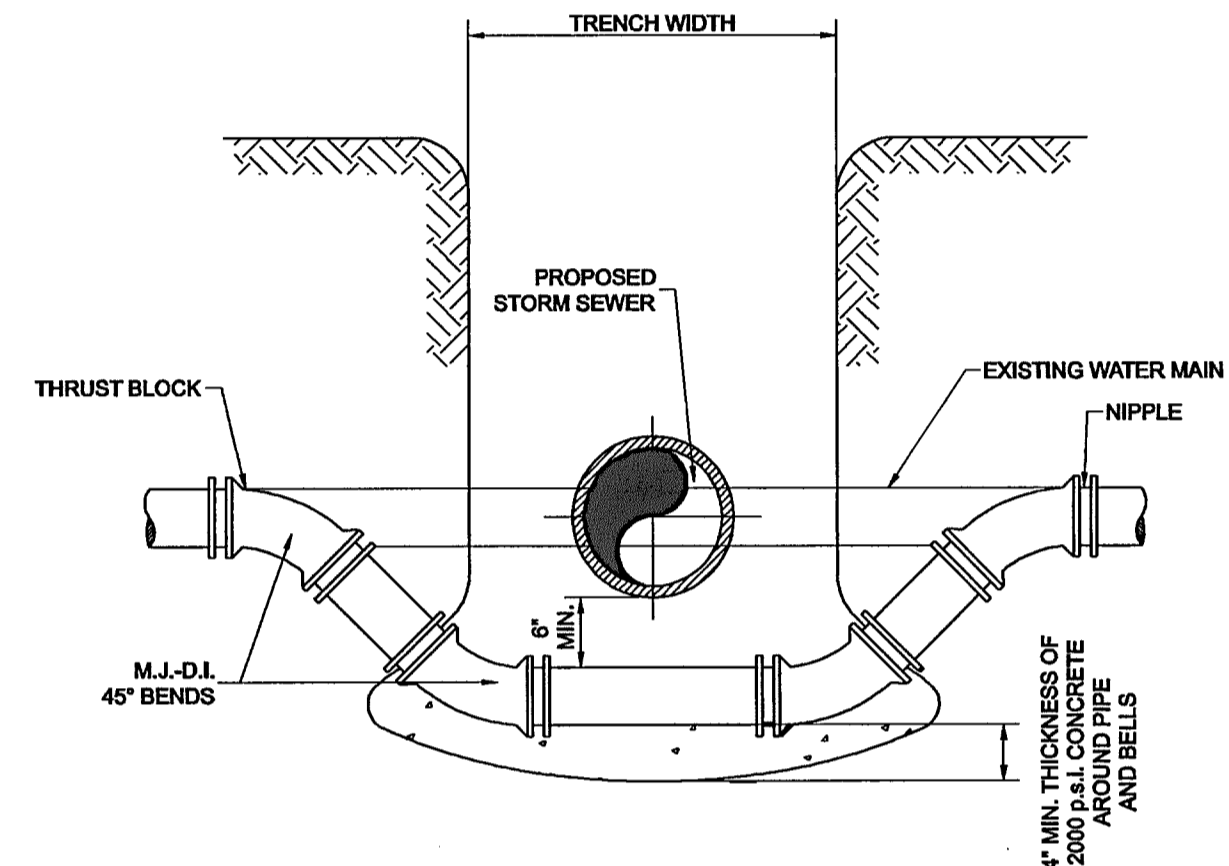
N.T.S.



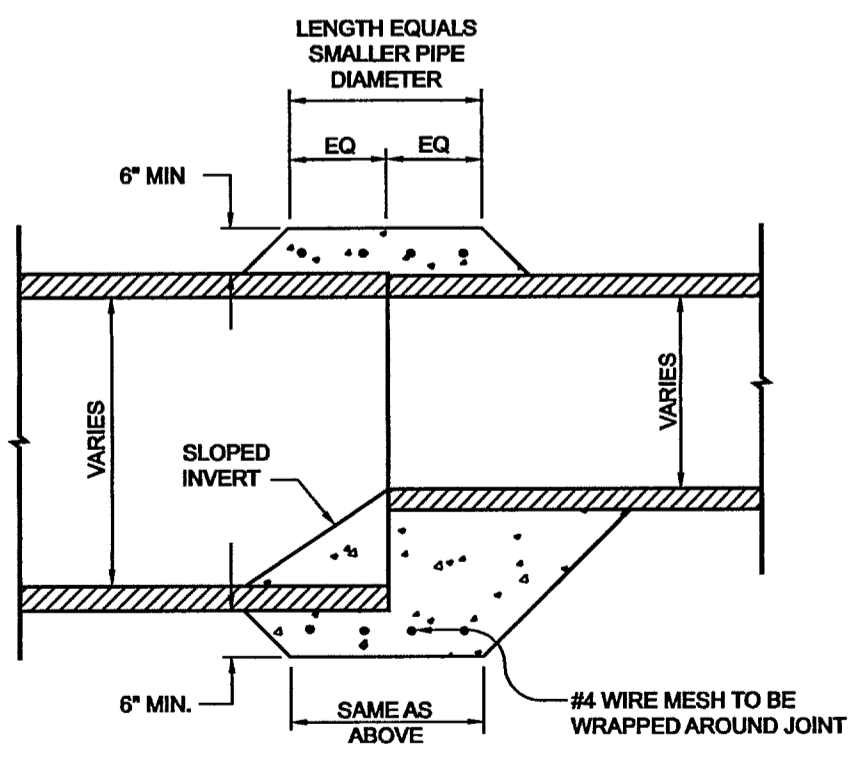
DETAIL OF UTILITY SUPPORT



RCP STORM SEWER PIPE BEDDING



DETAIL FOR WATER MAIN LOWERING

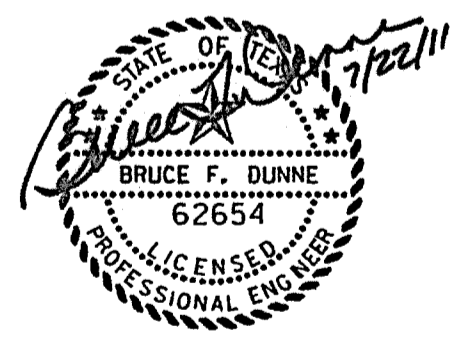


PIPE COLLAR DETAIL

NOTES
1. THIS PROCEDURE/DETAIL WILL ONLY BE USED WHEN 1 PREFAB REDUCTION IS NOT POSSIBLE.
2. CONCRETE FOR COLLAR WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO THE VARIOUS OTHER BIDS.
3. CONCRETE SHALL BE 5 SACK 3000 PSI.

GENERAL NOTES

1. ALL CONCRETE DRAINAGE STRUCTURES SHALL HAVE A MINIMUM COMPRESSED STRENGTH OF 3800 P.S.I.
2. ALL CRUSHED STONE SHALL BE 3/4", PASSING #4 SIEVE.
3. ALL FIELD JOINTS WILL BE APPROVED BY THE CITY ENGINEER IF NECESSARY. FIELD JOINTS SHALL BE WIPED ON THE INSIDE AND OUTSIDE TO PROVIDE FOR SMOOTH FLOW OF WATER.
4. RAMNECK COMPOUND OR APPROVED EQUAL SHALL BE USED FOR JOINT SEALS.
5. ALL STORM SEWER PIPE SHALL BE CAMERA INSPECTED AFTER THE INSTALLATION OF ALL PAVING, UTILITIES, AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.



NO.	REVISION	BY	DATE

Addison TOWN OF ADDISON
DALLAS COUNTY, TEXAS
PAVING, DRAINAGE & UTILITY IMPROVEMENTS
PONTE AVENUE CIRCLE

STORM DRAIN DETAILS

icon Consulting Engineers, Inc.		250 W. Southlake Blvd., Suite 117			
Civil Engineers - Designers - Planners		Southlake, Tx 76092 (817) 552-6210			
PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
5019-09	ICE	ICE	JULY 22, 2011	PW# 2011-03	13

PAVING, DRAINAGE, & UTILITY IMPROVEMENTS - PONTE AVENUE CIRCLE