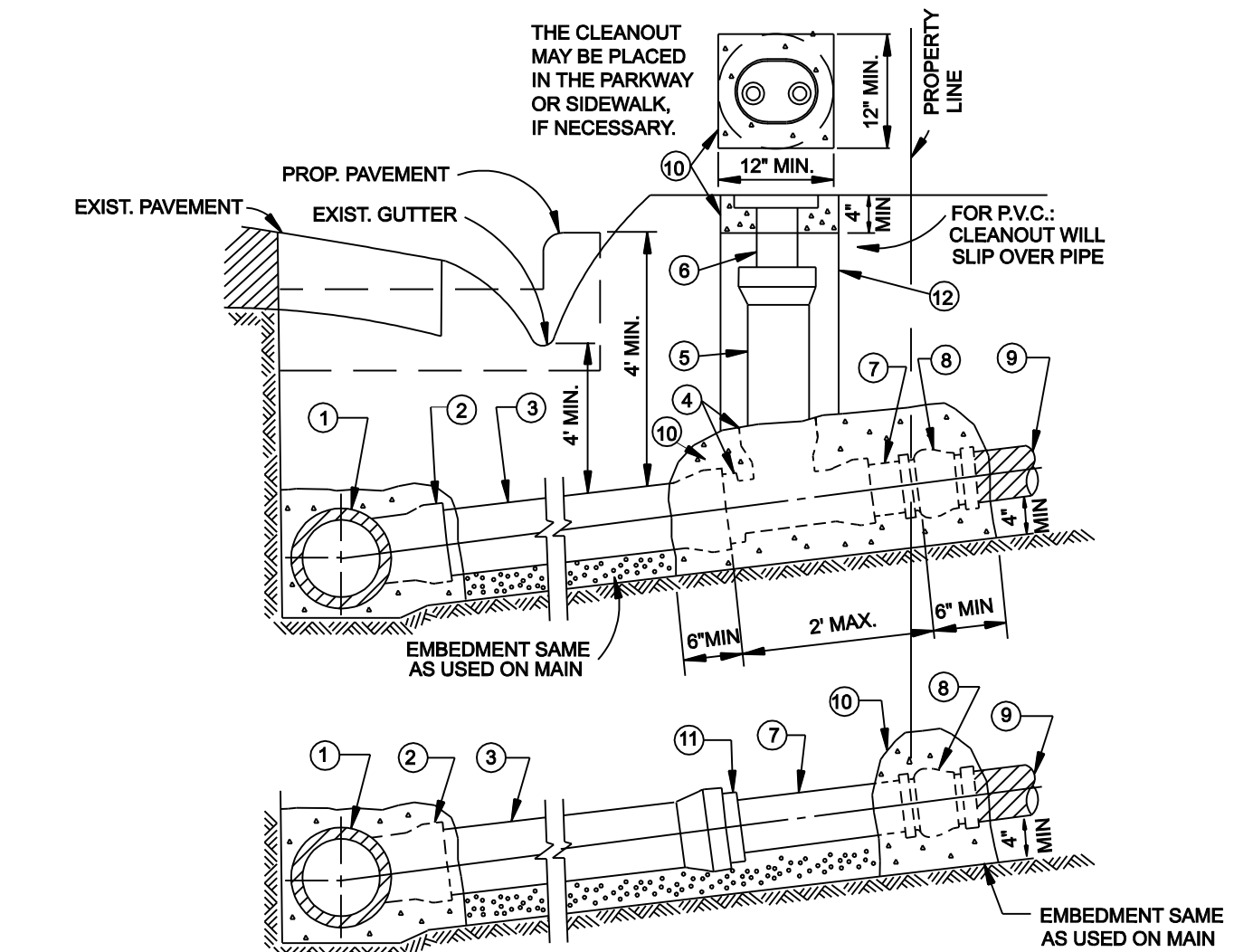
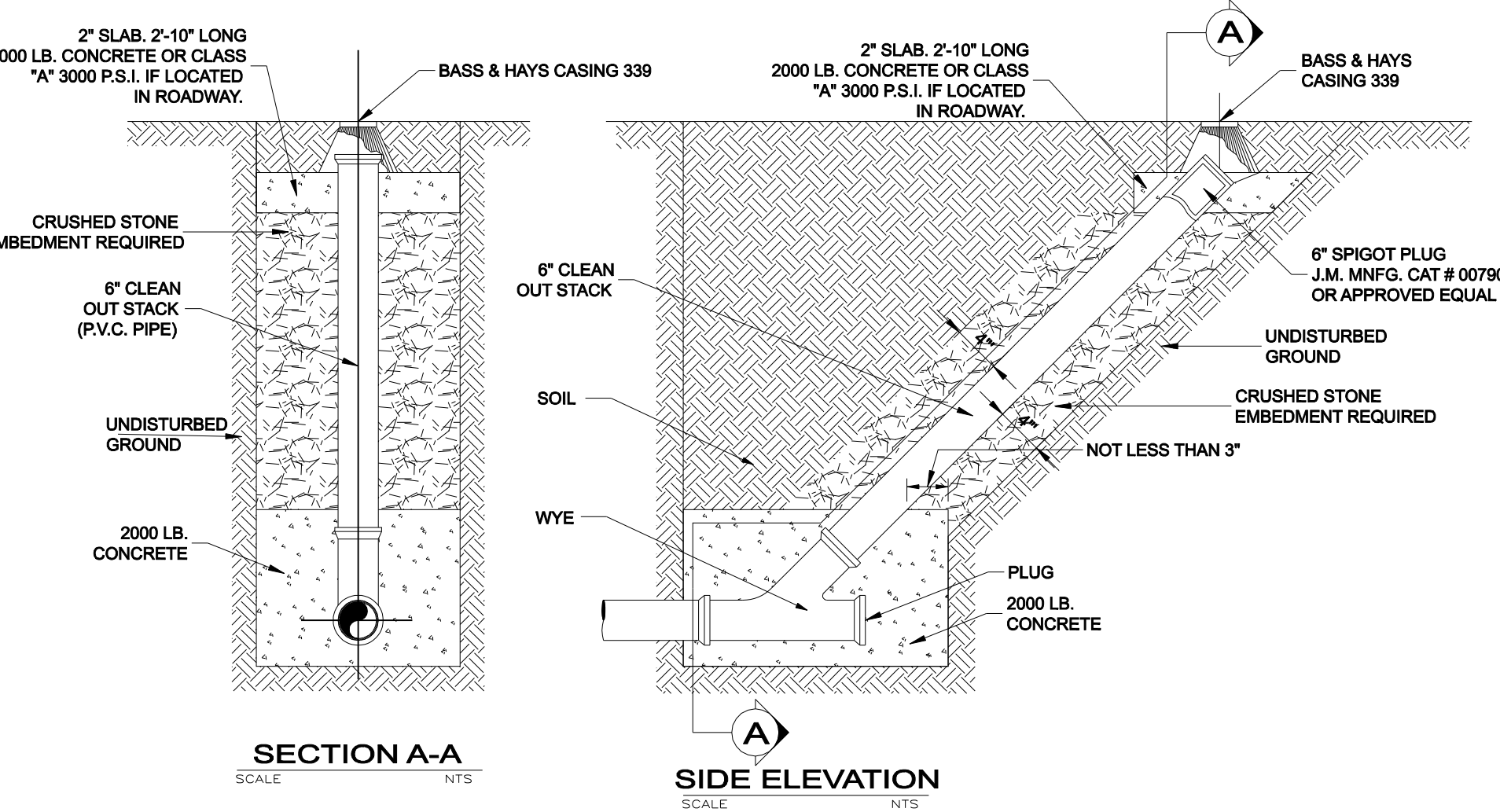


- KEY:**
- ① WASTEWATER MAIN
 - ② 6" WYE
 - ③ 6" WASTEWATER LAT. (LENGTH VARIES)
 - ④ 6" X 4" RED. AND 4" X 4" TEE OR WYE, OR 6" X 4" TEE OR WYE, AS REQ'D. BY OWNER.
 - ⑤ 4" STACK (LENGTH VARIES)
 - ⑥ 4" WASTEWATER LAT. CLEANOUT CASTING
 - ⑦ 4" WASTEWATER PIPE (LENGTH VARIES)
 - ⑧ ADAPTOR
 - ⑨ BUILDING SEWER LAT.
 - ⑩ CLASS "B" CONCRETE
 - ⑪ 6" X 4" REDUCER
 - ⑫ COMPACTED AS SPECIFIED, OR INUNDATED SAND

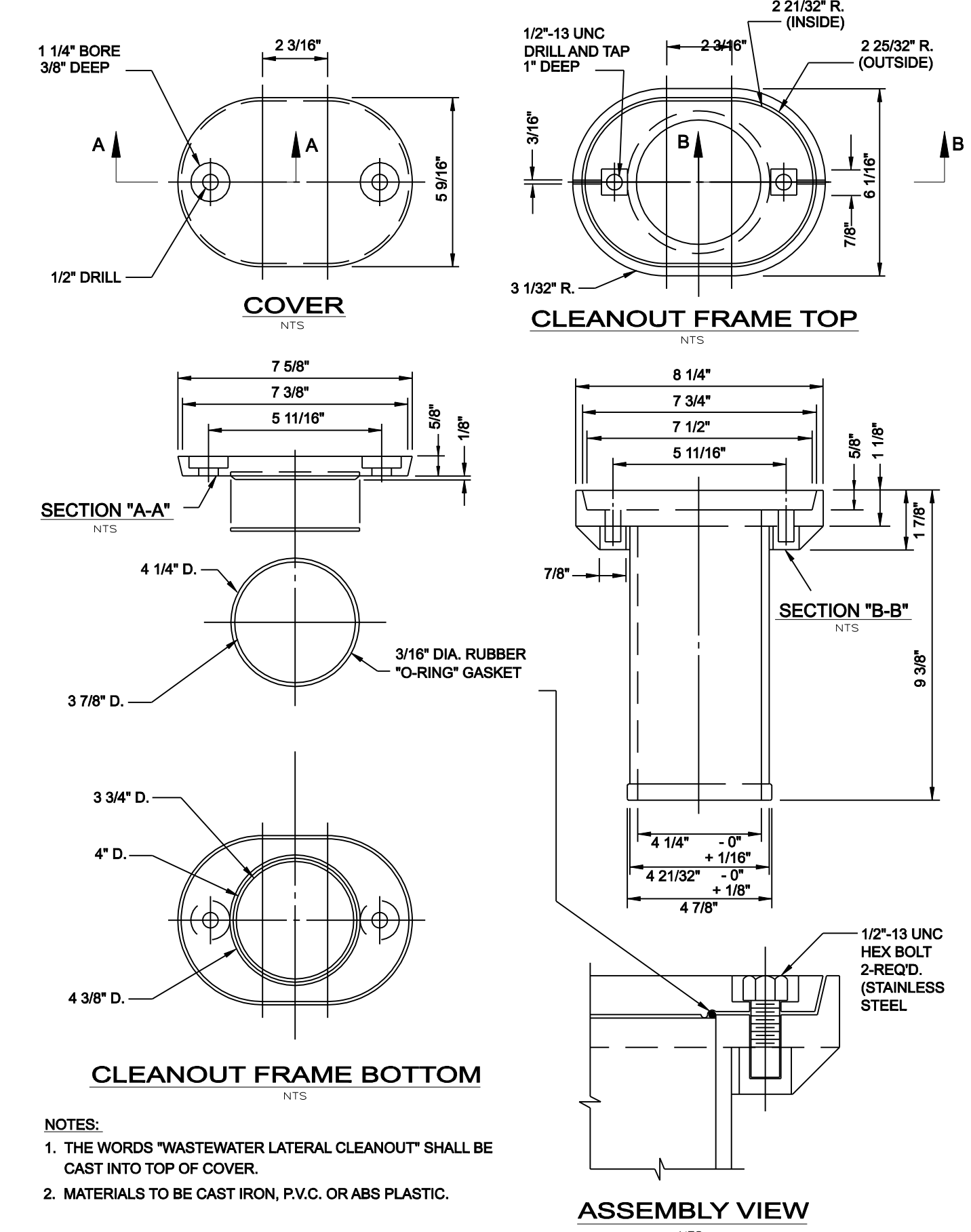


- NOTES:**
- CLEANOUT CASTING TO BE FURNISHED AND PLACED PER SPECIAL CONDITIONS. IN VEHICLE TRAFFIC AREAS AND FOR COMMERCIAL MAINLINE LATERALS, WASTEWATER CLEANOUT SHALL BE OF CAST IRON.
 - SLOPE OF LATERAL TO BE 1% MIN., 2% MAX. UNLESS INSTRUCTED OTHERWISE BY OWNER.
 - THE WASTEWATER LATERAL SHALL BE CONNECTED TO BUILDING LATERAL AND CONSTRUCTED IN SUCH MANNER AS TO CLEAR EXISTING UTILITIES AND PROPOSED FACILITIES SUCH AS STORM SEWER MAINS, PAVING, SIDEWALKS, RETAINING WALLS, ETC. VERTICAL BENDS (22.5° MAX.) MAY BE USED IF APPROVED BY OWNER.
 - THE MAINLINE LATERAL CONNECTION TO THE PRIVATE BUILDING LATERAL SHALL BE AS CLOSE TO THE PROPERTY LINE AS POSSIBLE.
 - INSTALL 4" STOPPER OR CAP AT PROPERTY LINE IF BUILDING LATERAL DOES NOT EXIST.
 - SUBSTITUTE 4" FOR 6" FITTINGS IF PLANS OR SPEC. COND. CALL FOR 4" LATERALS.
 - THE CLEANOUT STACK & CASTING MAY BE PLACED IN THE PARKWAY, VEHICLE TRAFFIC AREAS, OR SIDEWALK, IF NECESSARY.

SANITARY SEWER LATERAL WITH & WITHOUT CLEANOUT

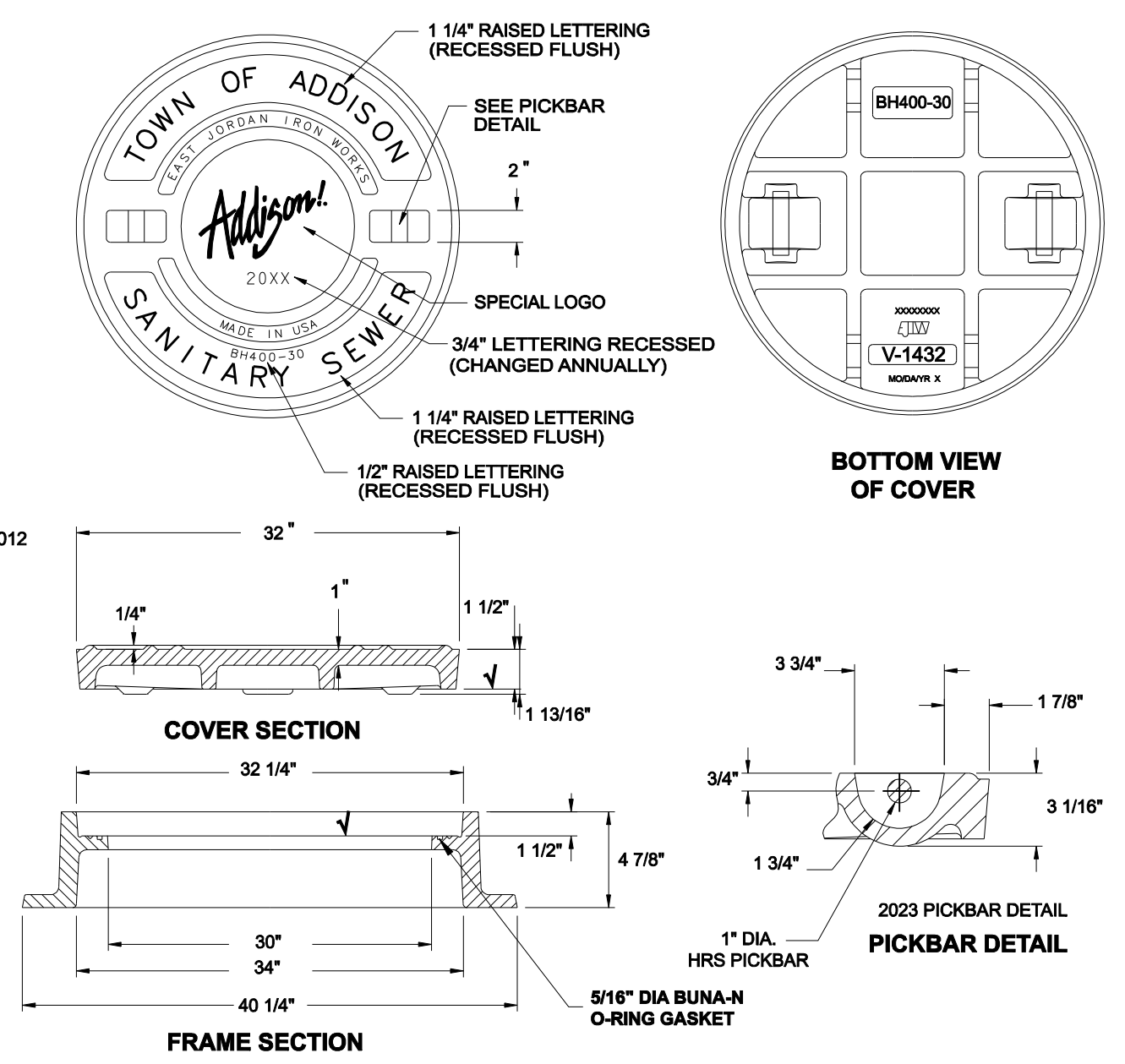


STANDARD CLEANOUT



- NOTES:**
- THE WORDS "WASTEWATER LATERAL CLEANOUT" SHALL BE CAST INTO TOP OF COVER.
 - MATERIALS TO BE CAST IRON, P.V.C. OR ABS PLASTIC.

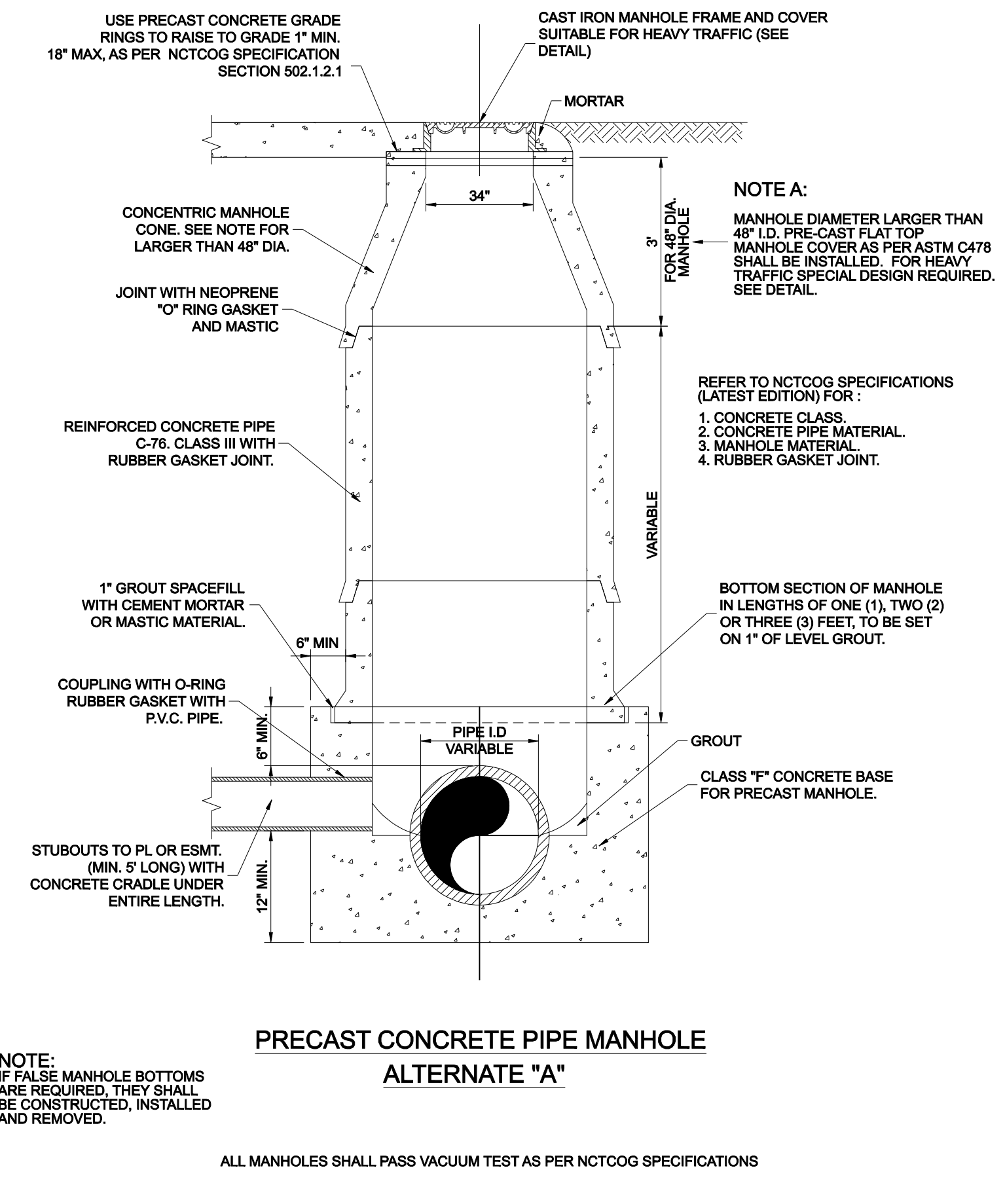
SANITARY SEWER LATERAL CLEANOUT FRAME & COVER



LOAD RATING HEAVY DUTY	COATING DIPPED	ESTIMATED WEIGHT COVER: LBS 86 kg	MATERIAL SPECIFICATION COVER - GRAY IRON ASTM A48 CL35B
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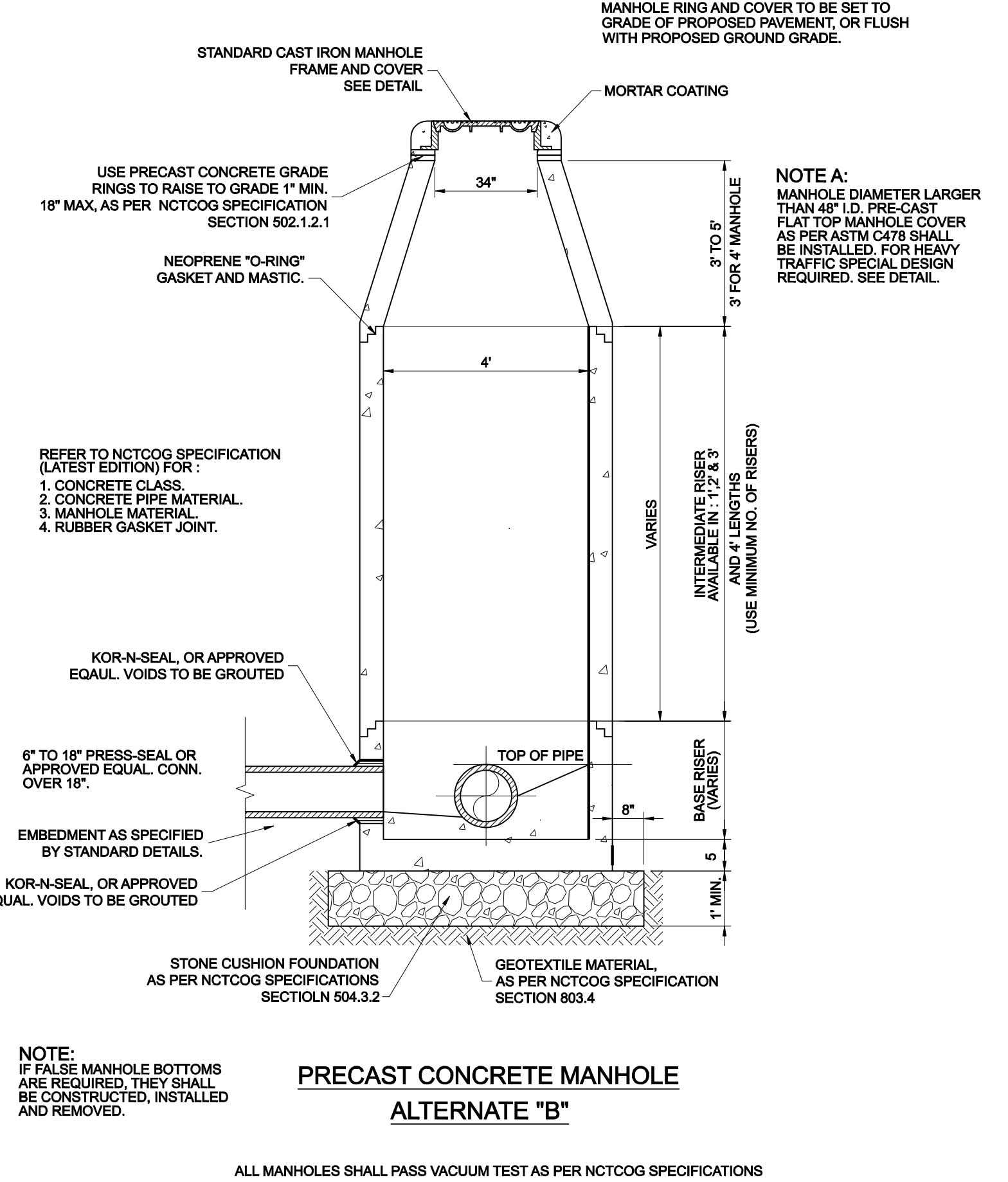
↑ DESIGNATES MACHINE SURFACE

CAST IRON FRAME AND COVER



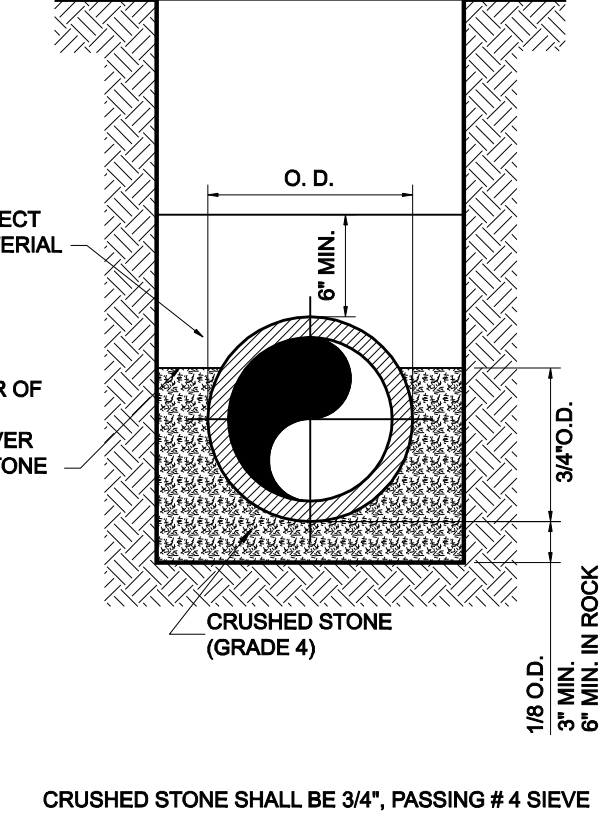
- NOTE:**
IF FALSE MANHOLE BOTTOMS ARE REQUIRED, THEY SHALL BE CONSTRUCTED, INSTALLED AND REMOVED.

EXTERIOR MANHOLE DROP CONNECTION



- NOTE:**
IF FALSE MANHOLE BOTTOMS ARE REQUIRED, THEY SHALL BE CONSTRUCTED, INSTALLED AND REMOVED.

CLASS "B+" EMBEDMENT



CLASS "B+" EMBEDMENT

TYPICAL BACKFILL WATER MAIN P.V.C. WATER PIPE

NO.	REVISION	BY	DATE

ADDISON TOWN OF ADDISON
DALLAS COUNTY, TEXAS

PAVING, DRAINAGE & UTILITY IMPROVEMENTS
VITRUVIAN WAY EXTENSION

SANITARY SEWER 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
5029-01	ICE	ICE	OCT 01 2010
FILE	SHEET		
PW# 2010-02	26		



PAVING, DRAINAGE, & UTILITY IMPROVEMENTS - VITRUVIAN WAY EXTENSION