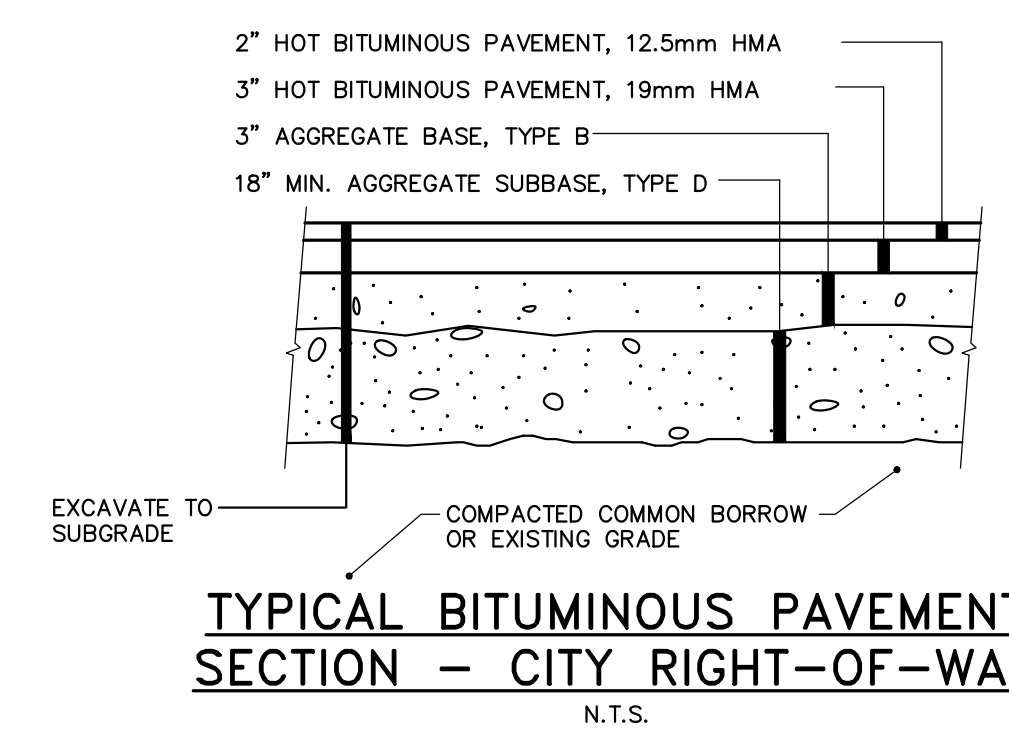
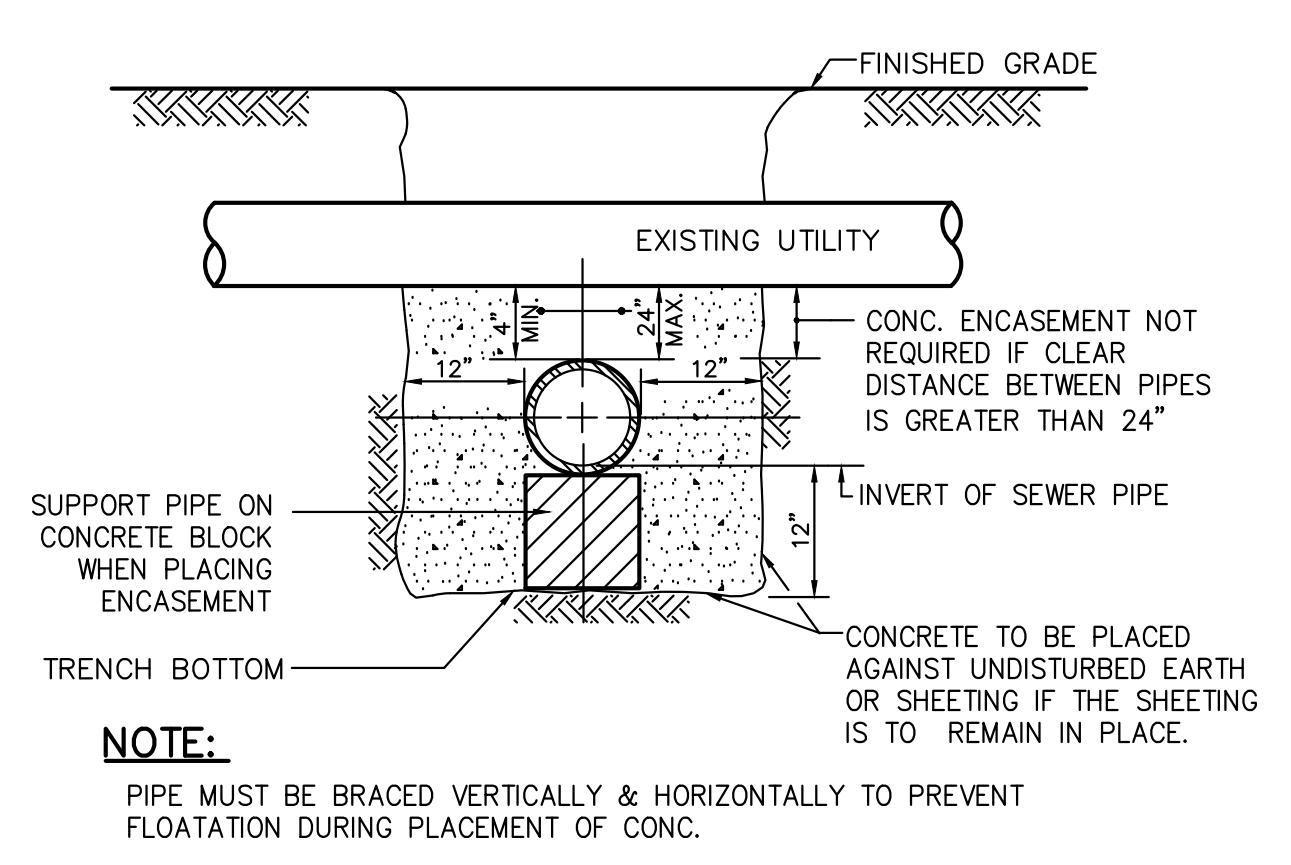


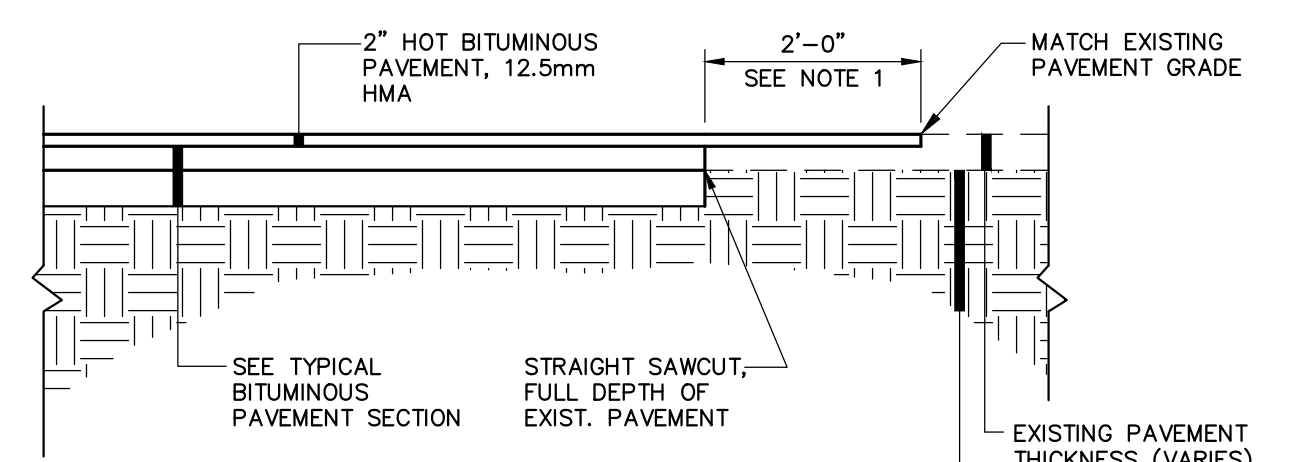
TYPICAL BITUMINOUS PAVEMENT SECTION - PARKING
N.T.S.



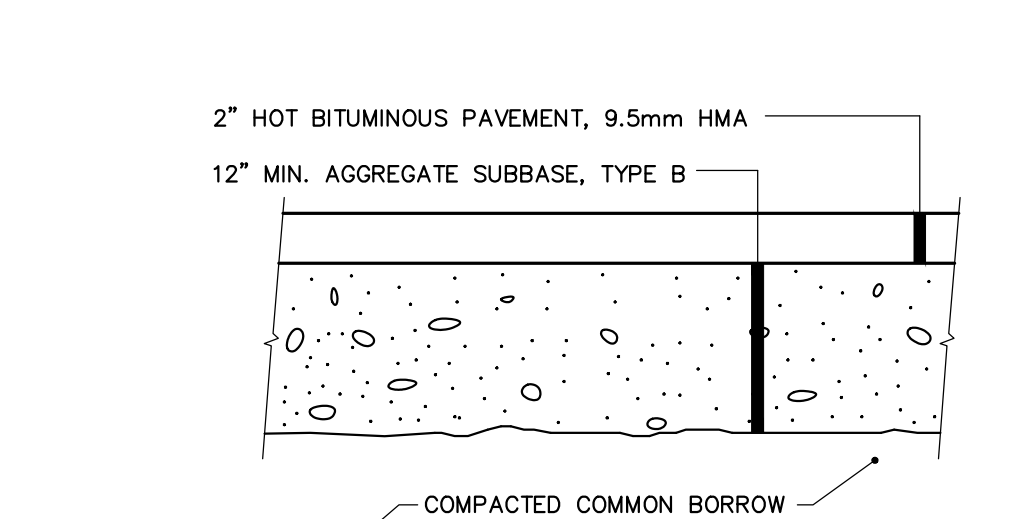
TYPICAL BITUMINOUS PAVEMENT SECTION - CITY RIGHT-OF-WAY
N.T.S.



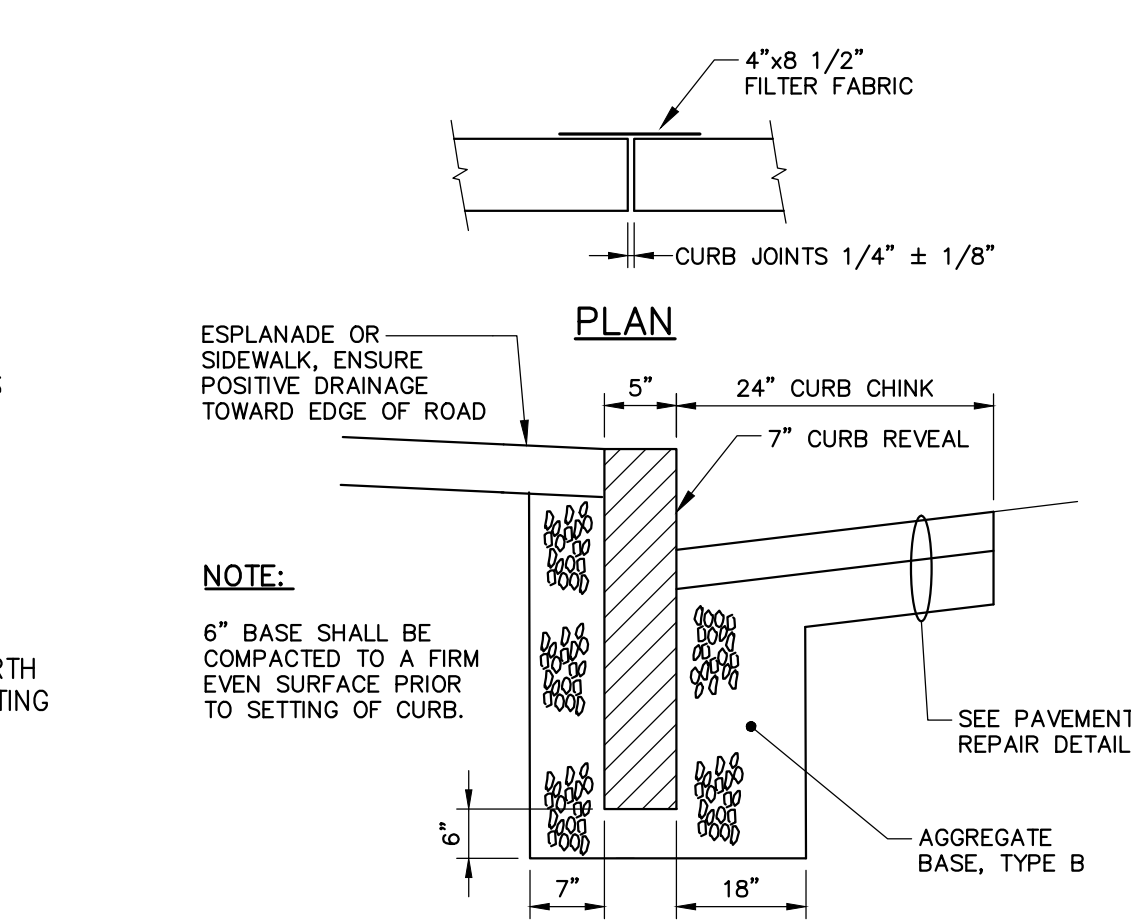
UTILITY CROSSING LESS THAN 24\"/>



PAVEMENT BUTT JOINT DETAIL
N.T.S.



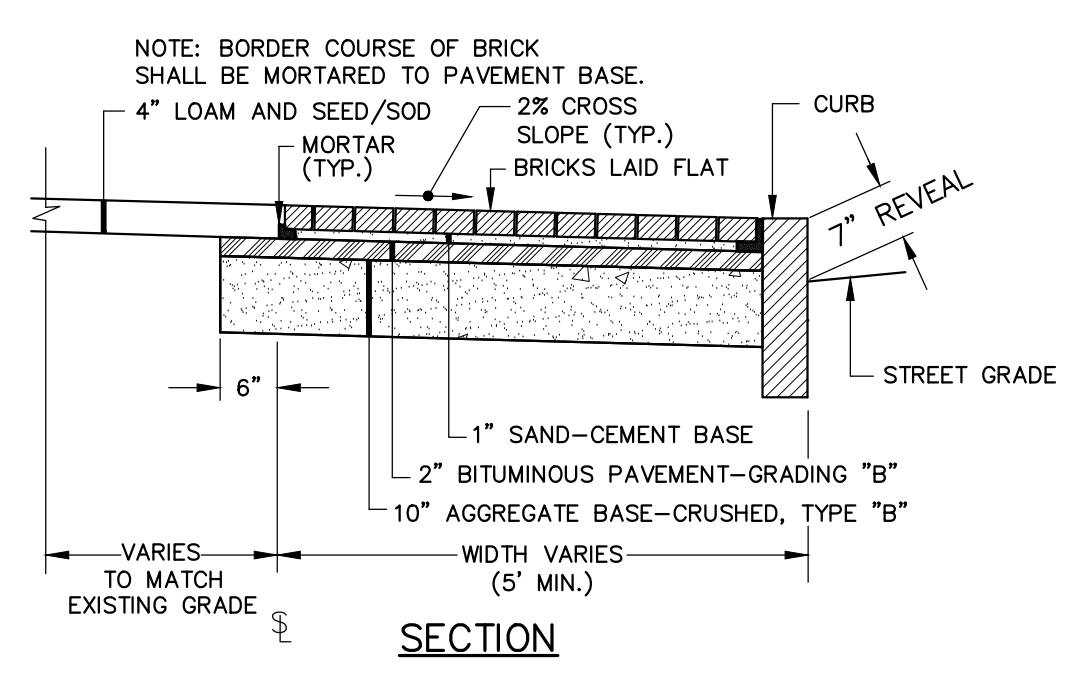
TYPICAL BITUMINOUS PAVEMENT SECTION - SIDEWALKS
N.T.S.



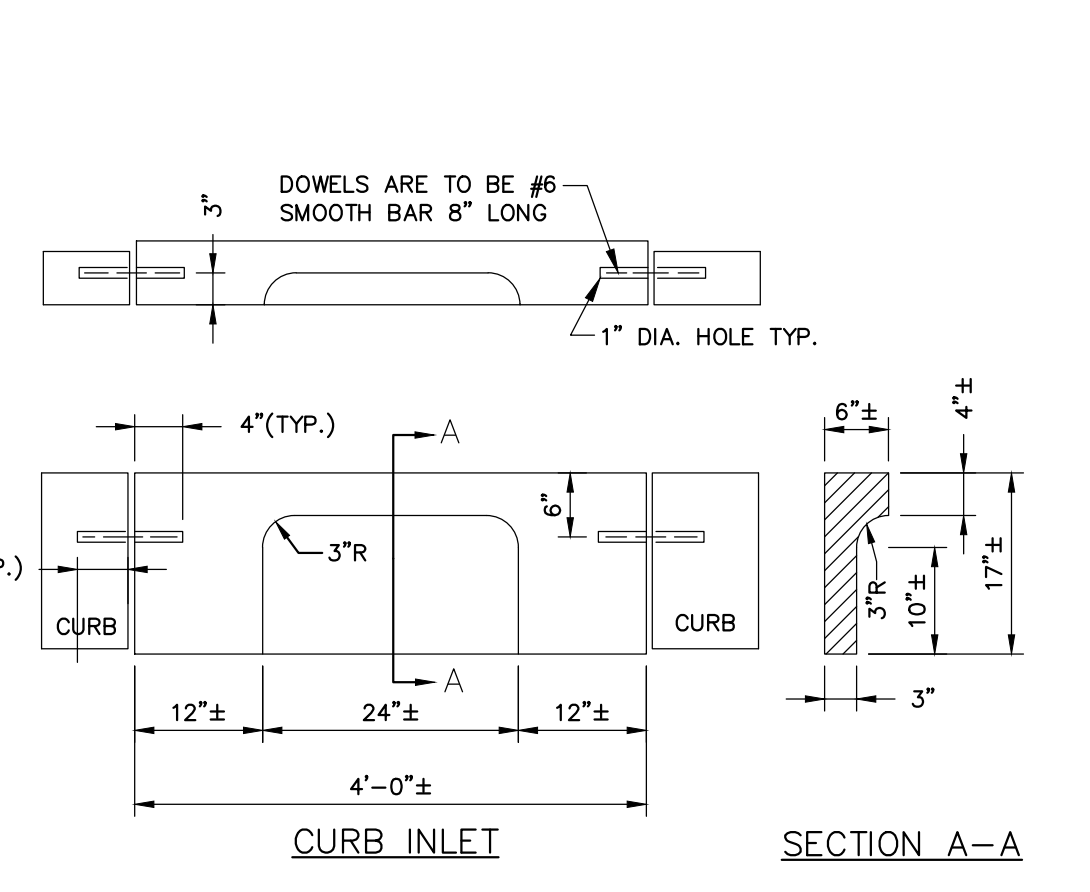
TYPICAL NEW AND RESET CURB INSTALLATION
N.T.S.

CURB TYPE 1 ON CURVES		
TYPE	RADIUS OF CURVE	LENGTH
1	0' TO 60' INCL.	4' MIN.
	OVER 60' TO 160'	4' TO 6'

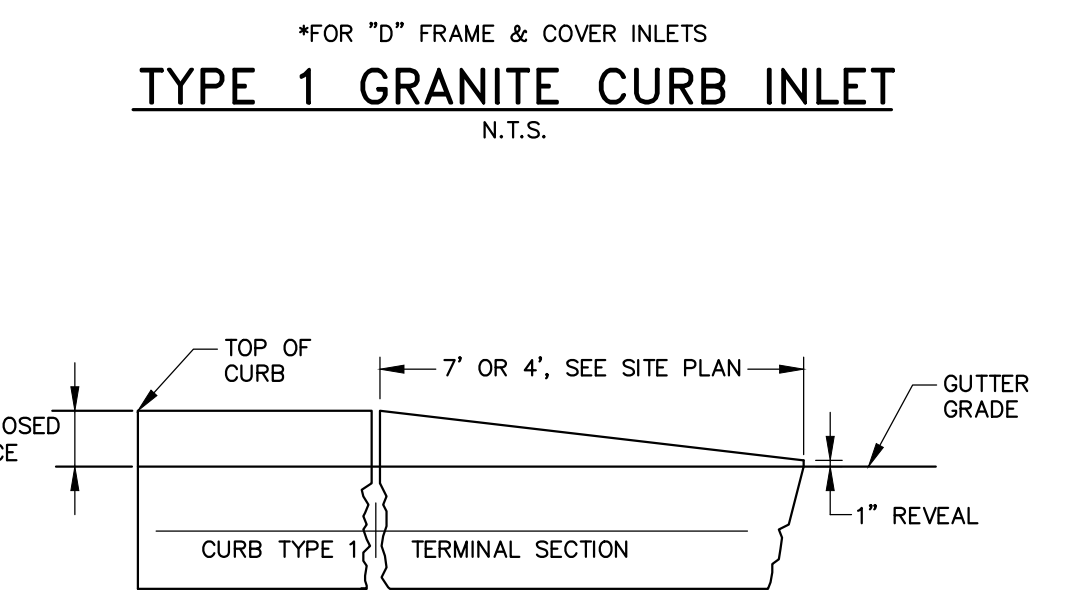
NOTE: AGGREGATE TYPES PER MDOT SECTION 304.02



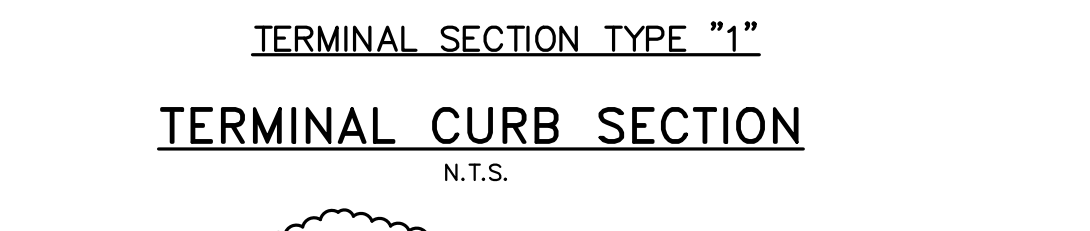
BRICK SIDEWALK DETAIL
N.T.S.



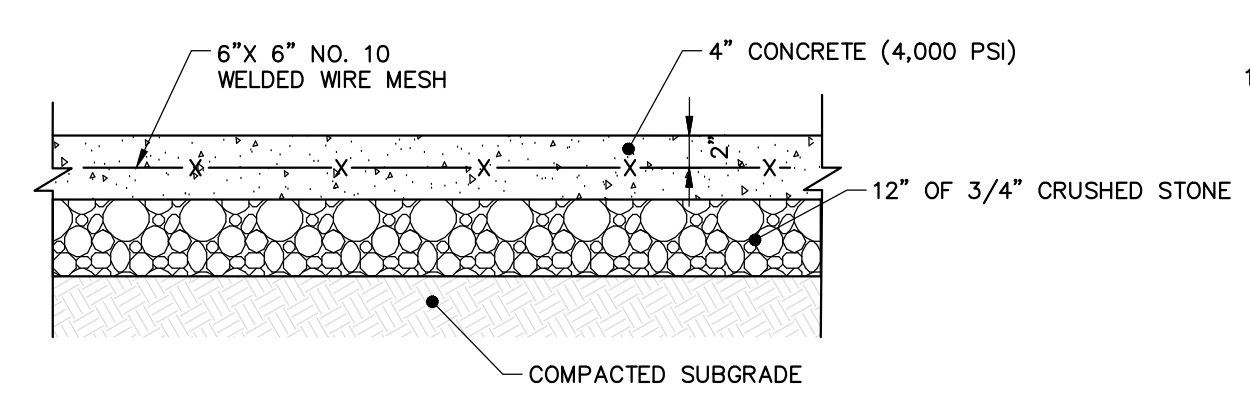
NEW PIPE TO EXISTING STRUCTURE
N.T.S.



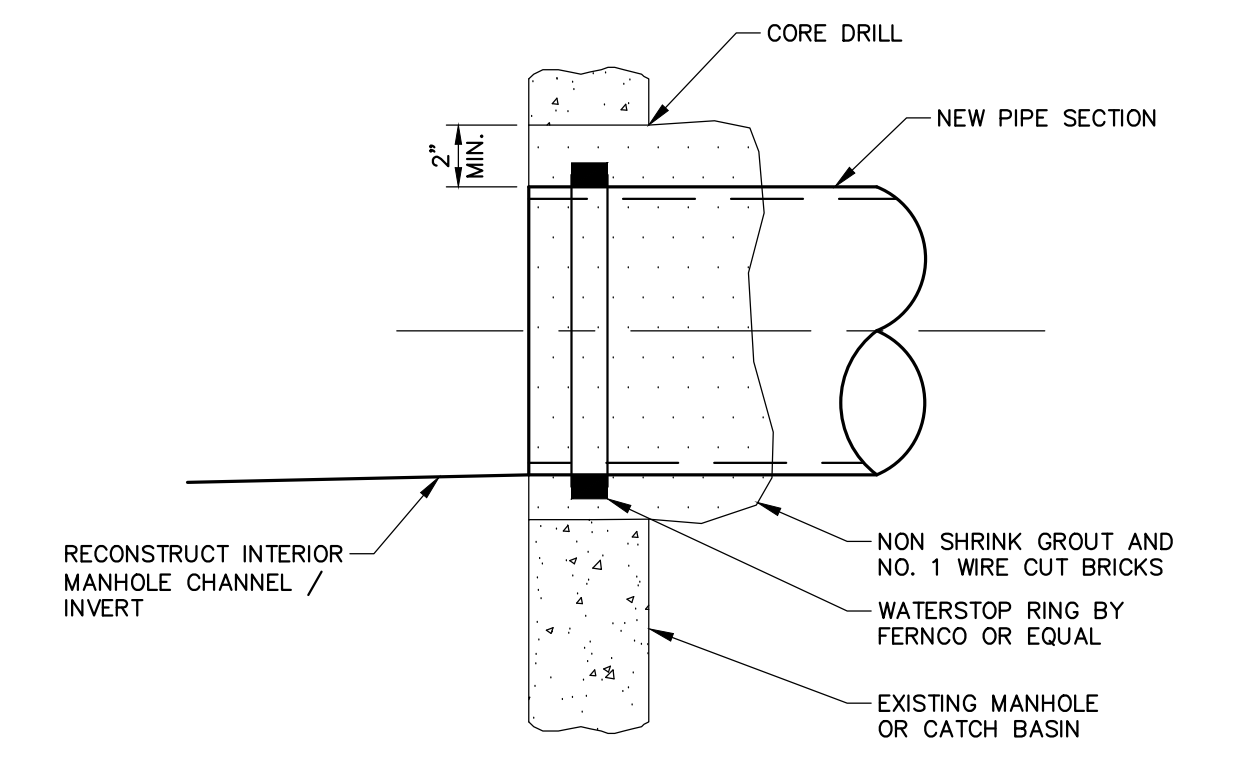
TYPE 1 GRANITE CURB INLET
N.T.S.



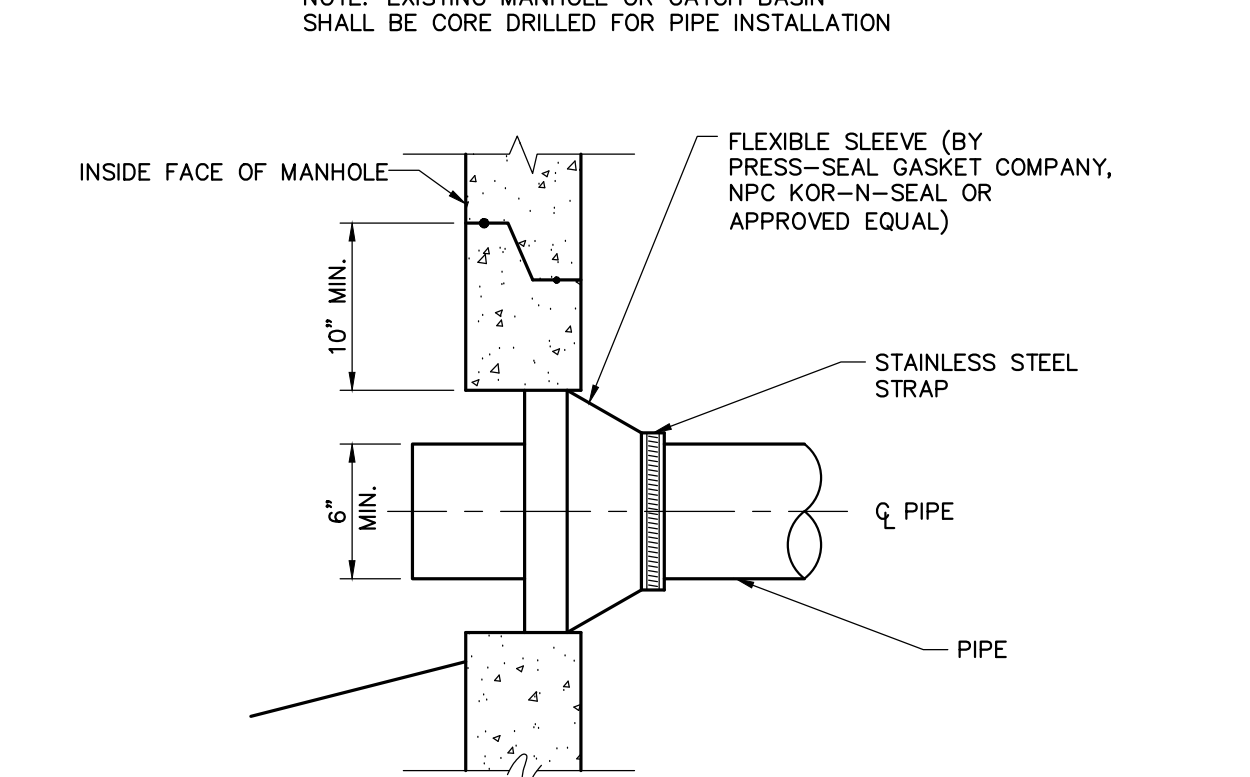
TERMINAL CURB SECTION
N.T.S.



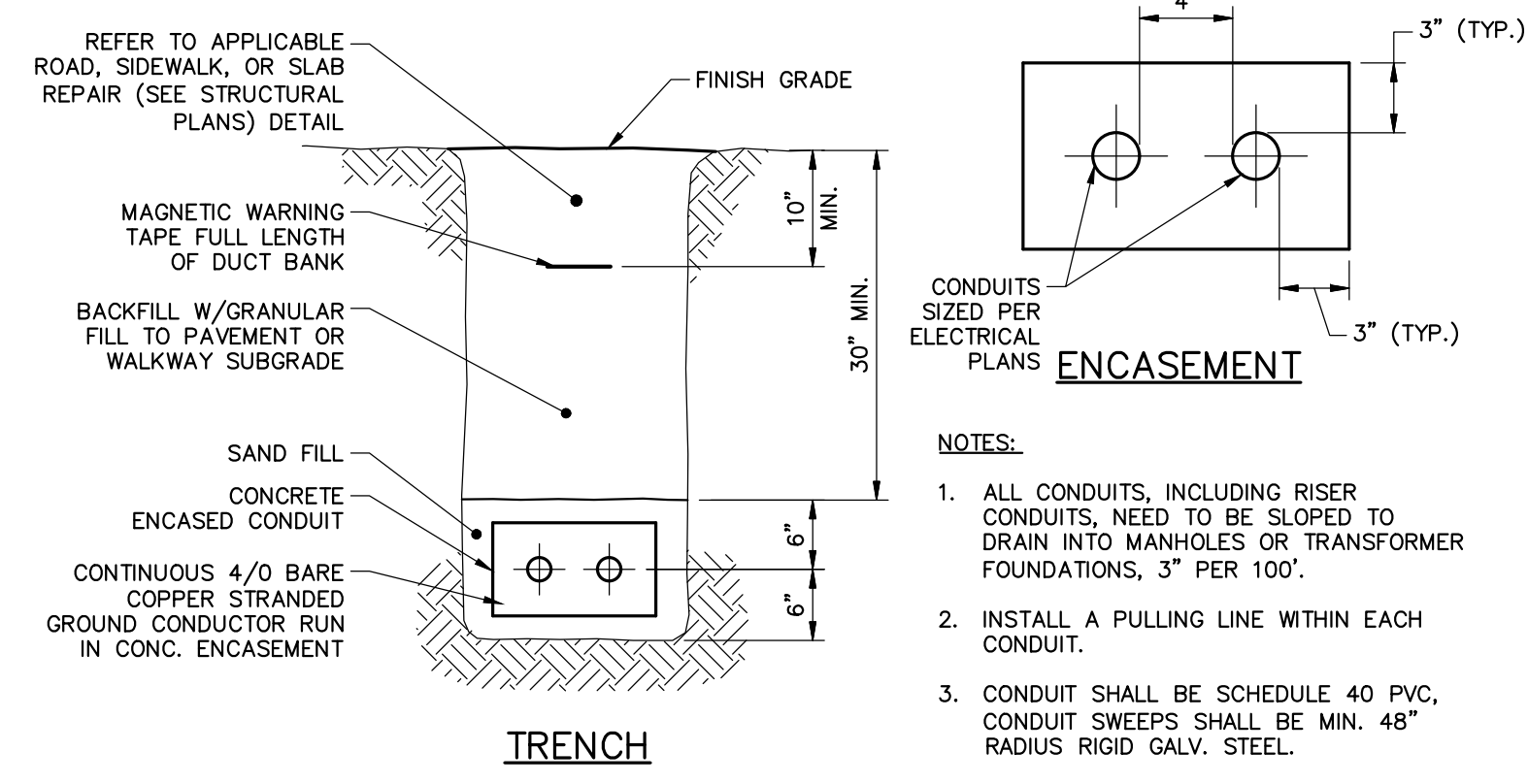
CAST-IN-PLACE CONCRETE SIDEWALK
N.T.S.



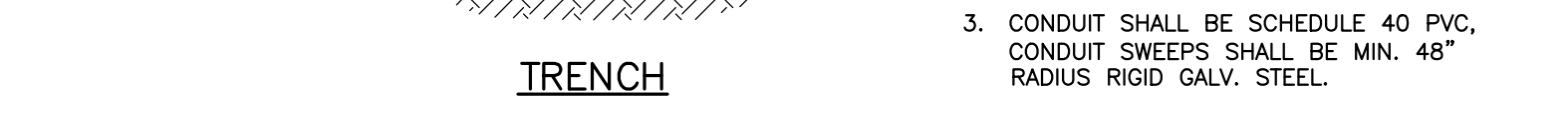
NEW PIPE TO NEW STRUCTURE CONNECTION DETAIL
N.T.S.



BURIED ELECTRICAL CONDUIT DETAIL
N.T.S.



ENCASEMENT
N.T.S.



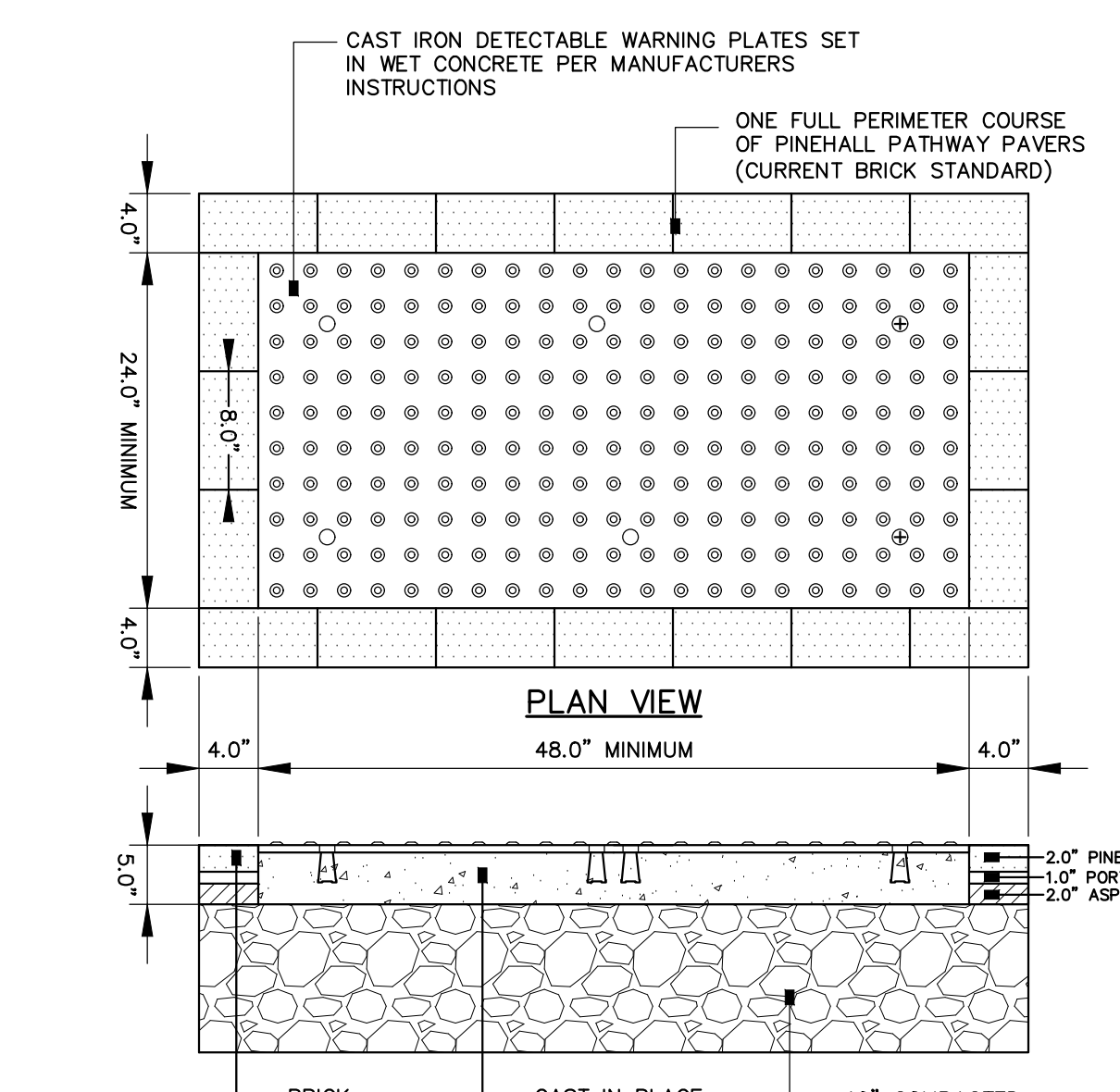
TRENCH
N.T.S.



CONCRETE SIDEWALK EXPANSION JOINT
N.T.S.

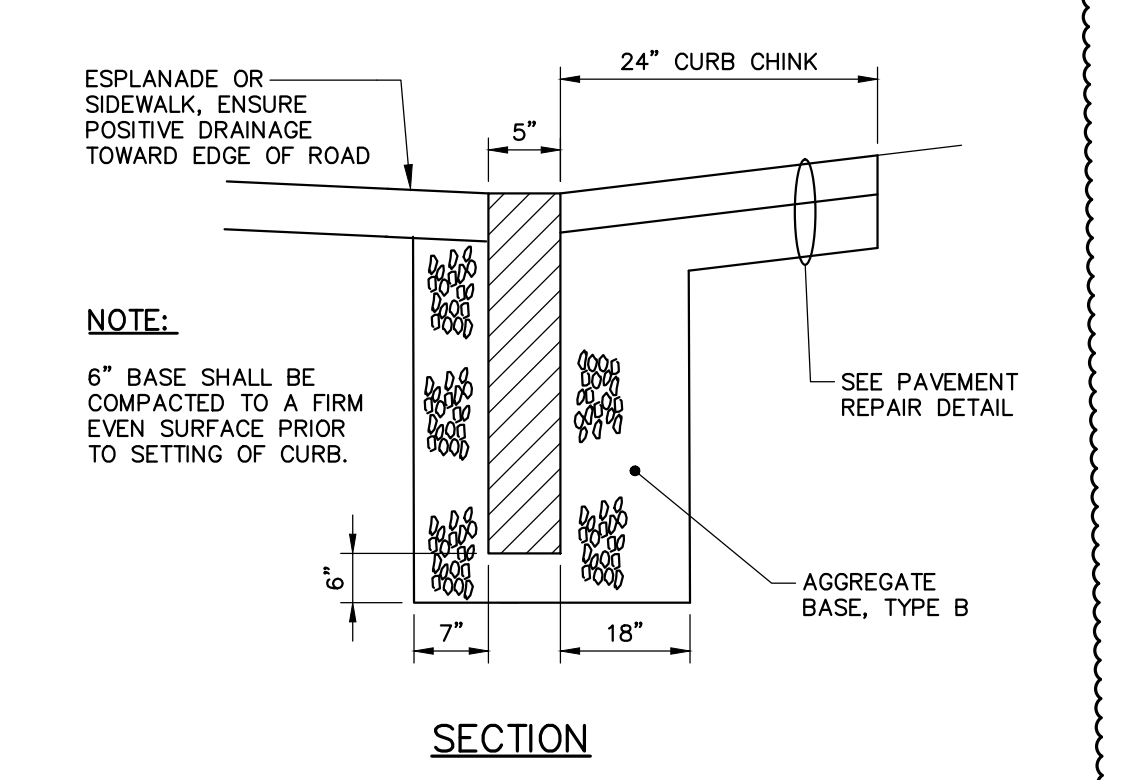


SIDEWALK CONTROL JOINT
N.T.S.



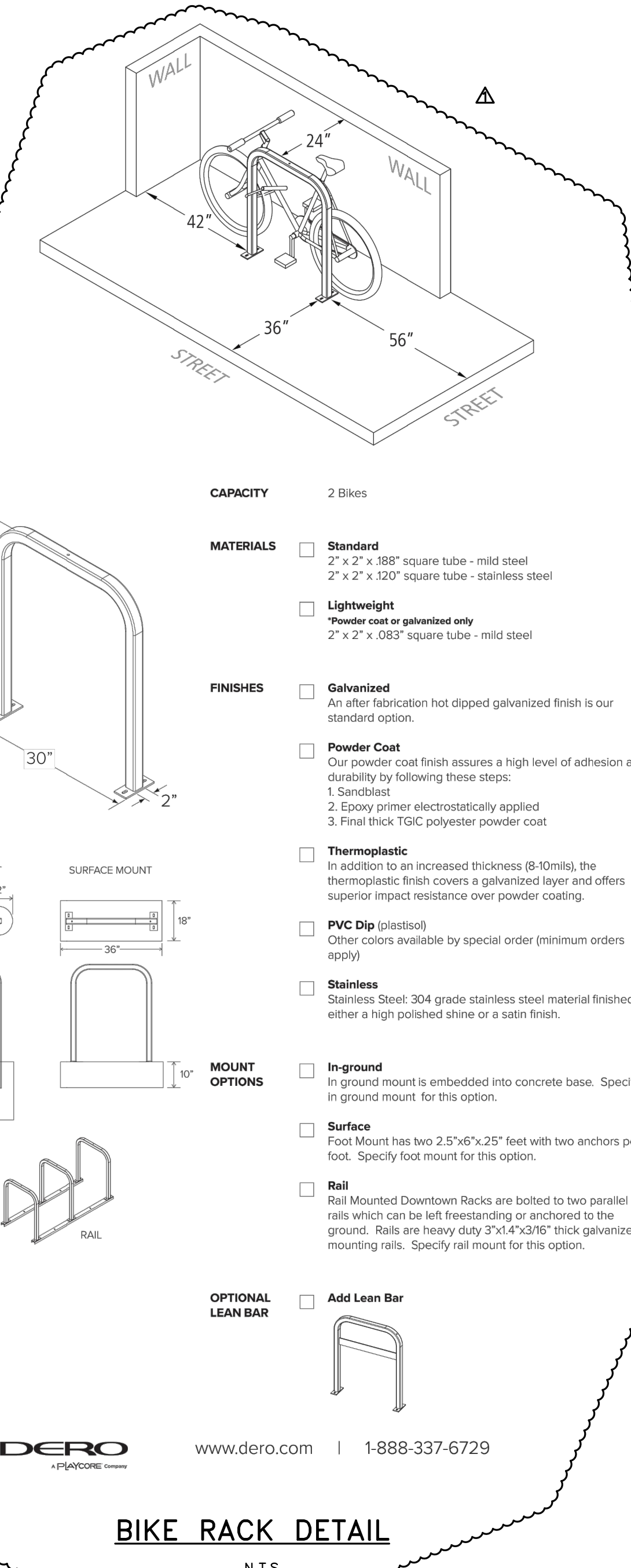
SIDEWALK RAMP DETECTABLE WARNING
N.T.S.

- NOTES:
- ALL DETECTABLE WARNING PLATES SHALL BE UNCOATED CAST IRON. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.
 - CAST IN PLACE CONCRETE SHALL MEET SPECIFICATIONS FOR MAINE D.O.T. CLASS A STRUCTURAL CONCRETE. MINIMUM COMPRESSIVE STRENGTH 4000 PSI. THE CONCRETE SHALL BE SEALED PRIOR TO SETTING PANELS.
 - TRUNCATED DOMES SHALL BE ALIGNED IN ROWS, PARALLEL AND PERPENDICULAR TO THE PREDOMINANT DIRECTION OF TRAVEL. NO OTHER DETECTABLE WARNING DESIGN OR CONFIGURATION IS ALLOWED.
 - FOR ALL DETECTABLE WARNING PANELS, WITHIN OR ABUTTING HISTORIC DISTRICTS AND HISTORIC LANDSCAPES, "DARK GRAY" COLORED (#3118) PANELS SHALL BE USED. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.
 - THE DETECTABLE WARNING PANEL SHALL HAVE ONE FULL COURSE OF FINISHALL PATHWAY PAVERS (CURRENT BRICK STANDARD) AROUND THE FULL PERIMETER OF THE PANEL. THIS PERIMETER COURSE SHALL BE SET USING PORTLAND MORTAR CEMENT TO CREATE A FLUSH SURFACE BETWEEN THE BRICK AND THE PANEL.
 - SIZE: THE DETECTABLE WARNING PANEL(S) SHALL EXTEND 24 INCHES MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP, LANDING OR BLENDED TRANSITION TO THE STREET.
 - ORIENTATION: THE DETECTABLE WARNING PANEL SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS 6 INCHES MINIMUM AND 8 INCHES MAXIMUM FROM THE CURB LINE. THE PANEL SHALL BE ORIENTED TO THE DIRECTION OF TRAVEL AS IDENTIFIED BY THE POINT OF FORCE.



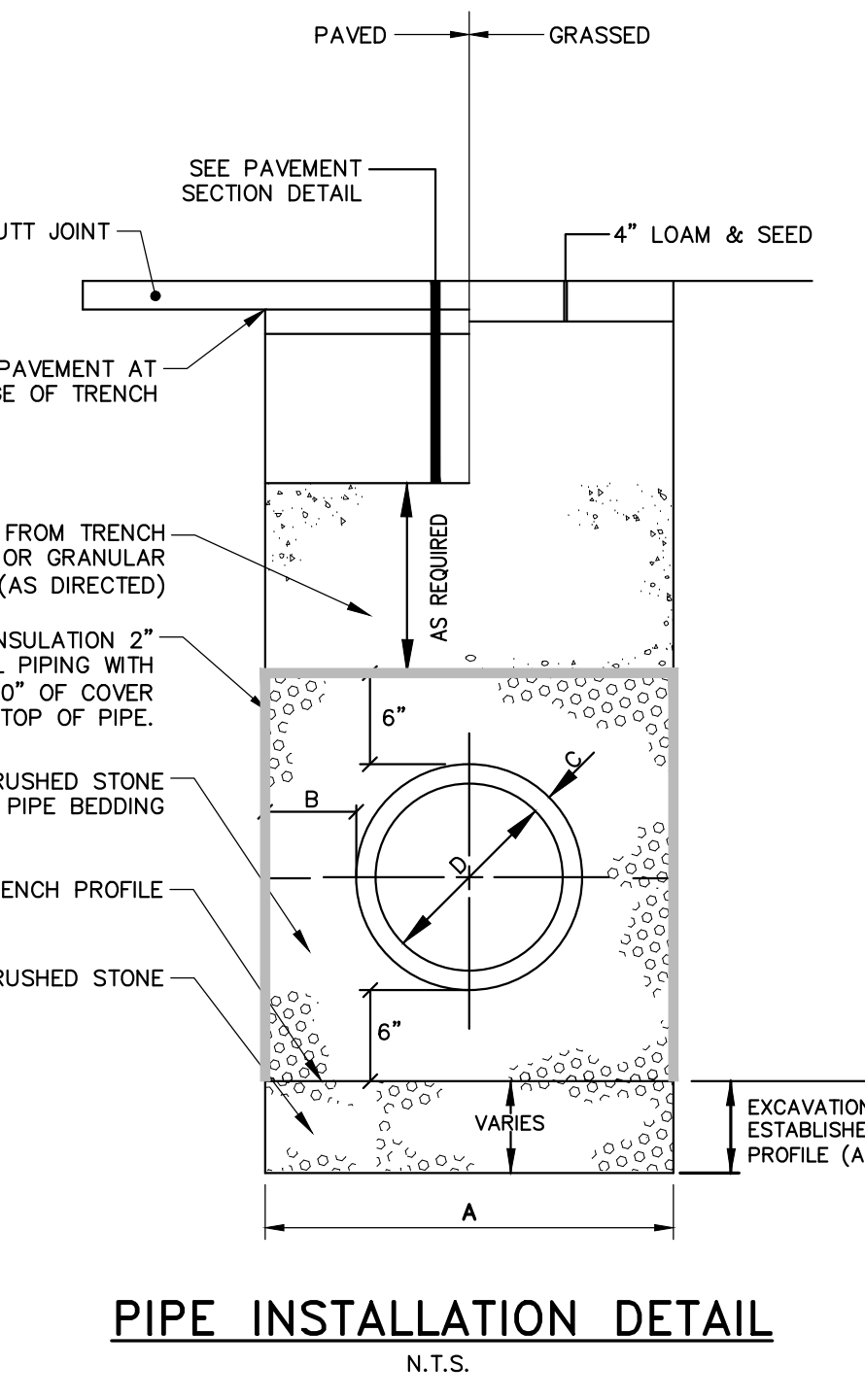
TYPICAL FLUSH CURB INSTALLATION
N.T.S.

NOTE: AGGREGATE TYPES PER MDOT SECTION 304.02



BIKE RACK DETAIL
N.T.S.

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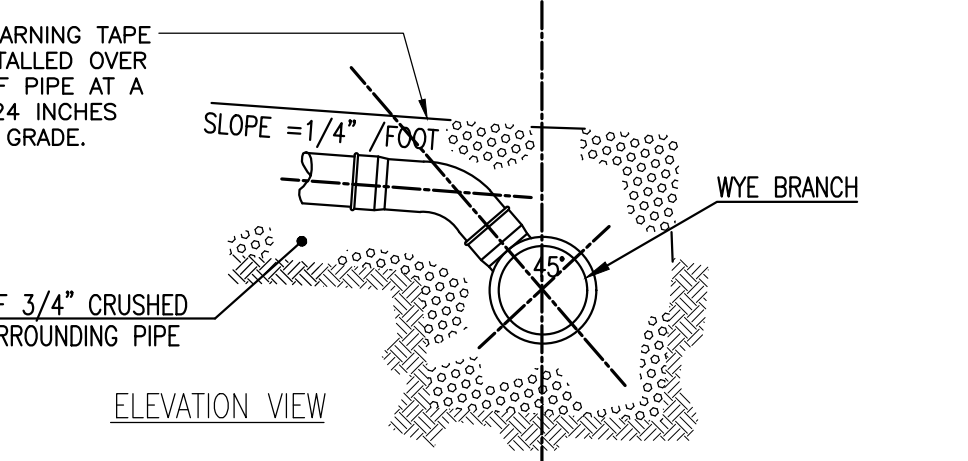


PIPE INSTALLATION DETAIL
N.T.S.

PIPE INSTALLATION DETAIL - NOTES

- ALTERNATIVE CONSTRUCTION METHODS OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE.
- IN PAVED AREAS, DEPTHS OF GRAVEL AND HOT MIX ASPHALT PAVEMENT SHALL MATCH THE GREATER OF EXISTING CONDITIONS OR THE REQUIREMENTS FOR THE CORRESPONDING STREET CLASSIFICATION.
- DIMENSION "B" SHALL BE SUFFICIENT TO ALLOW CRUSHED STONE BEDDING TO BE PLACED AND COMPACTED UNDER THE HAUNCHES OF THE PIPE; BUT IN ALL CASES "B" SHALL BE AT LEAST 9".
- DIMENSION "A" SHALL BE BASED ON PIPE DIAMETER, AS SET FORTH IN THE FOLLOWING TABLE.

PIPE DIAMETER, "D"	MAX. TRENCH WIDTH, "A"
(INCHES)	(FEET)
6	4.0
8	4.0
10	4.0
12	4.0
15	4.0
18	4.0
24	5.0
27	5.5
30	6.0
36	7.0
42	8.0
48	8.0

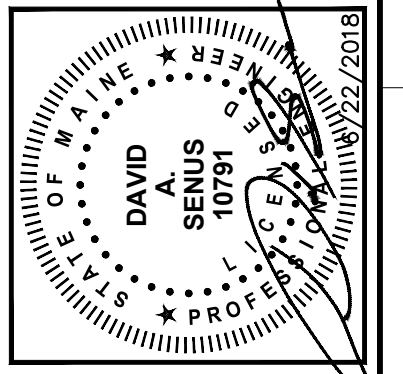


TYPICAL SEWER LATERAL WYE CONNECTION DETAILS
N.T.S.

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WOODWARD-CLARK

COMMITMENT & INTEGRITY DRIVE RESULTS



NO.	DATE	DESCRIPTION	BY	CHKD.
1	1/24/2018	RESPONSE TO COMMENTS SUBMISSION		
2	1/24/2018	REVISED BY: DAS		

CIVIL DETAILS - 3

MAINE MEDICAL CENTER
BRANCHALL STREET
PORTLAND, ME 04102

MMC ST. JOHN STREET
EMPLOYEE PARKING GARAGE

JOB NO: 0231158-00
DATE: LINE 22, 2018
SCALE: AS NOTED
SHEET: 14 OF 17