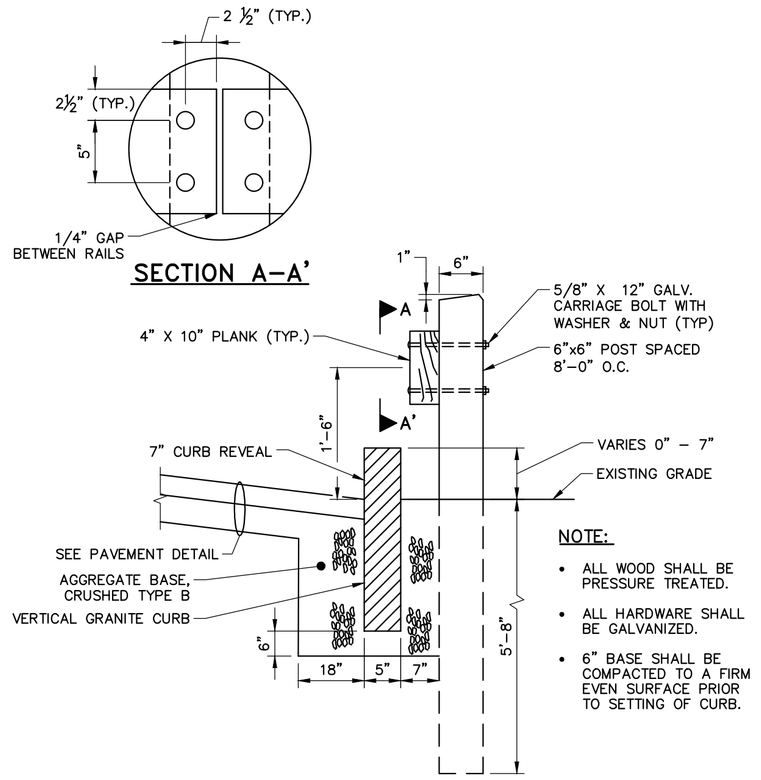
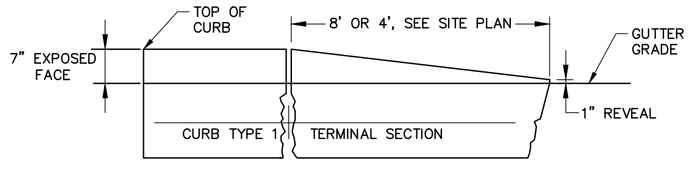


VERTICAL GRANITE CURB W/WOOD GUARDRAIL

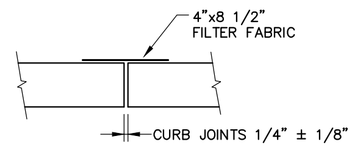
N.T.S.



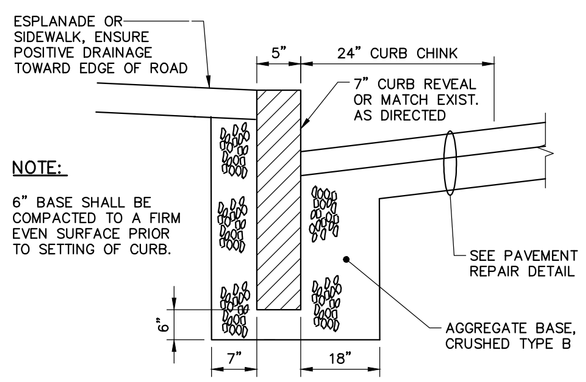
TERMINAL SECTION TYPE "1"

TERMINAL CURB SECTION

N.T.S.



PLAN



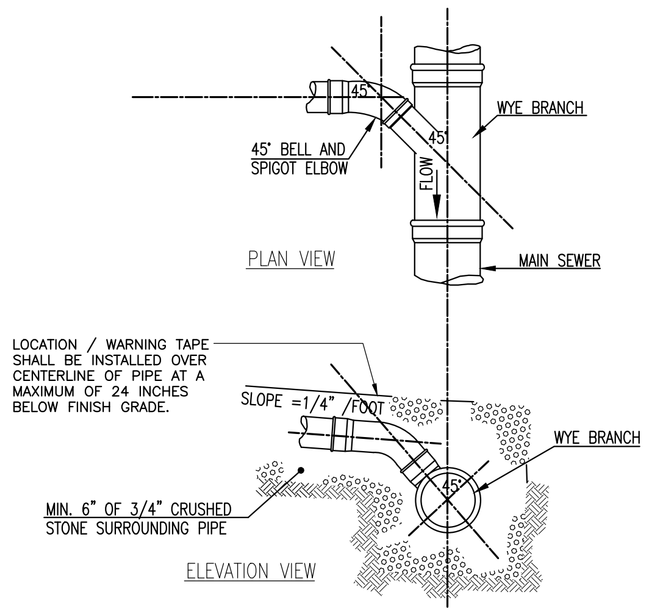
SECTION

CURB TYPE 1 ON CURVES			
TYPE	RADIUS OF CURVE	LENGTH	STONE IS CUT OR CAST
1	0' TO 60' INCL.	4' MIN.	ARC TO FIT CURVE
	OVER 60' TO 160'	4' TO 6'	STRAIGHT PIECES

TYPICAL NEW AND RESET CURB INSTALLATION

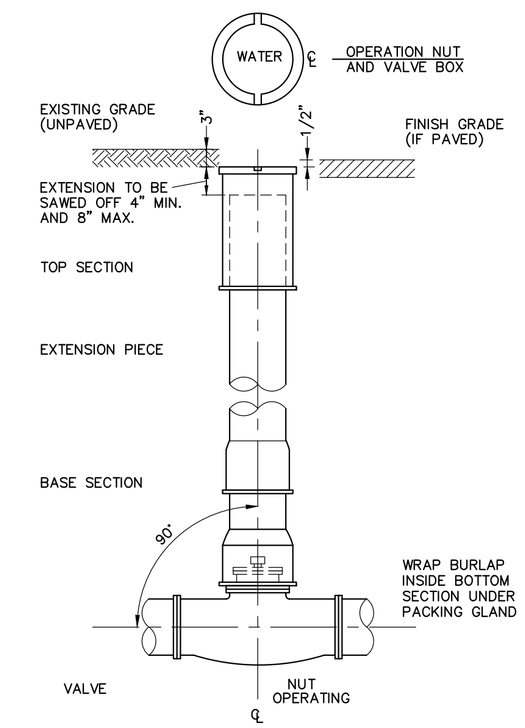
N.T.S.

NOTE: AGGREGATE TYPES PER MDOT SECTION 304.02



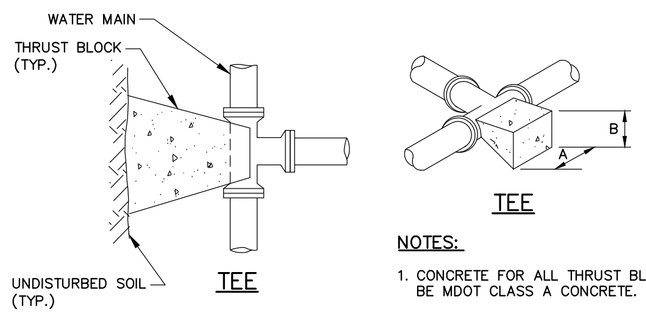
TYPICAL SEWER LATERAL WYE CONNECTION DETAILS ALTERNATE #4

N.T.S.



GATE VALVE WITH VALVE BOX

N.T.S.



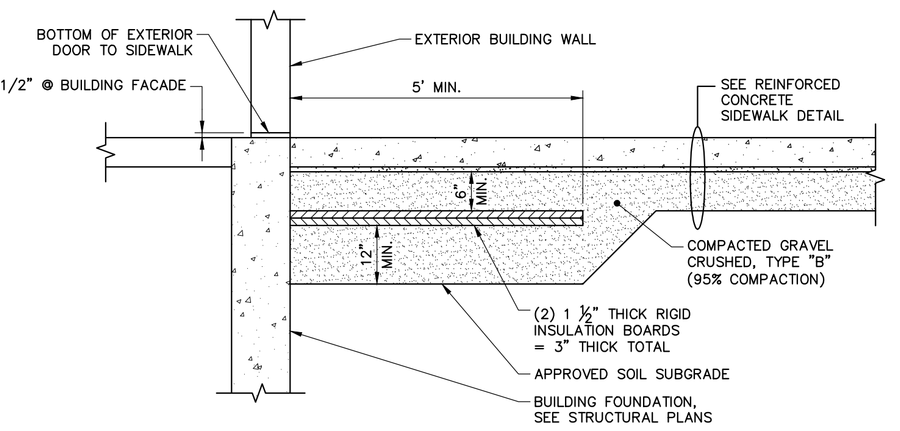
NOTES:

1. CONCRETE FOR ALL THRUST BLOCKS TO BE MDOT CLASS A CONCRETE.
2. WHERE POSSIBLE, CONSTRUCT THRUST BLOCKS AGAINST UNDISTURBED SOIL. WHERE NOT POSSIBLE, PLACE FILL BETWEEN THE THRUST BLOCK AND THE UNDISTURBED SOIL COMPACTED TO 90% STANDARD PROCTOR DENSITY.
3. WRAP FITTINGS WITH POLYETHYLENE PRIOR TO CONSTRUCTING THRUST BLOCKS. NO JOINTS SHALL BE COVERED WITH CONCRETE.
4. THRUST BLOCK DIMENSIONS ARE BASED ON A MAXIMUM WATER MAIN PRESSURE OF 150 PSI.

TABLE 1: 4" THRU 10" FITTINGS				
SOIL TYPE	TEES		BENDS	
	A	B	A	B
SOFT CLAY	48"	24"	48"	24"
SAND	24"	24"	24"	24"
GRAVEL	24"	18"	24"	18"

TYPICAL THRUST BLOCK DETAIL

N.T.S.



BUILDING TO CONCRETE SIDEWALK TRANSITION DETAIL

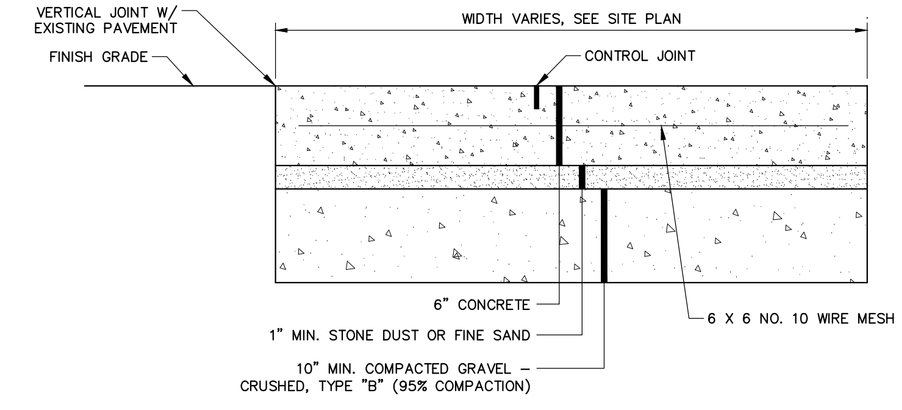
N.T.S.

CONCRETE SPECIFICATION:
- MDOT CLASS A CONCRETE

CONTROL JOINT SPECIFICATION:
- SPACING OF JOINTS – 10 FEET ON CENTER ALONG LENGTH OR AS INDICATED ON STRUCTURAL AND ARCHITECTURAL PLANS.
- SAW CUT JOINTS AT 1 1/2" MAX. DEPTH

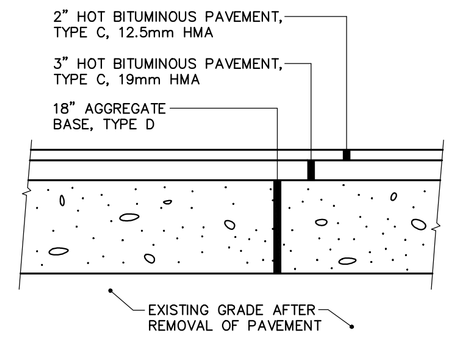
FINISH SPECIFICATION:
- BROOM SWEPT FINISH
- CURE WITH CURE–TO–SPEC MS
- AFTER CONSTRUCTION JOINTS HAVE BEEN FILLED AND SEALED; APPLY "CONSOLIDECK SALTGUARD"

NOTE:
- ALL CONCRETE SHALL BE PLACED BY AN A.C.I. FLATWORK CERTIFIED FINISHER
- GEOFOAM NOT SHOWN FOR CLARITY, SEE FOUNDATION PLANS.



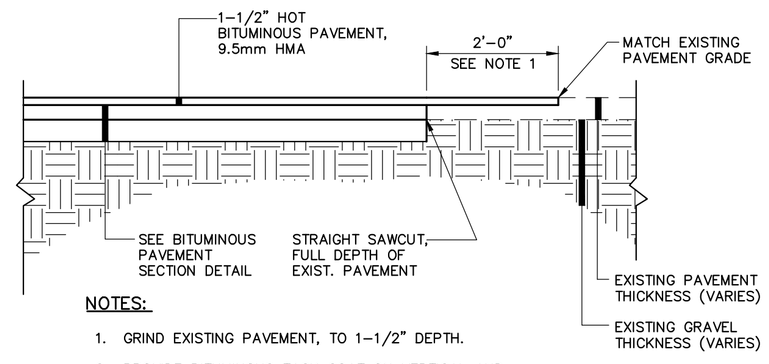
REINFORCED CONCRETE SIDEWALK

N.T.S.



BITUMINOUS PAVEMENT

N.T.S.



NOTES:

1. GRIND EXISTING PAVEMENT, TO 1–1/2" DEPTH.
2. PROVIDE BITUMINOUS TACK COAT ON VERTICAL AND HORIZONTAL SURFACES PRIOR TO PAVING.
3. DETAIL APPLICABLE TO PAVEMENT BUTT JOINTS AT ROADWAY WORK LIMITS. REFER TO PIPE INSTALLATION DTL. OR PAVED ROAD SECTION DTLS. FOR TRENCH REPAIR REQUIREMENTS.

PAVEMENT BUTT JOINT DETAIL

N.T.S.

LEVEL II SITE PLAN SUBMITTAL
AUGUST 9, 2017

WOODARD & CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS
41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2194202

WIN
021942.02

CIVIL PLANS

STATE OF MAINE · DAVID A. SENUS 10791 · REGISTERED PROFESSIONAL ENGINEER

P.E. NUMBER	SIGNATURE	DATE
10791		8/9/2017

PROJ. MANAGER	JOEL KITTREDGE	
DESIGN–RET'AILED	CMS/JBC	8–9–17
CHECKED–REVIEWED	DAS	8–9–17
DESIGN2–2E'AILED2		8–9–17
DESIGN3–3E'AILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PORTLAND INTERNATIONAL MARINE TERMINAL
MAINTANANCE & OPERATIONS BUILDING
CUMBERLAND COUNTY
PORTLAND

CIVIL DETAILS - 1

SHEET NUMBER

C-07

OF

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