NOTES: 1. COMPOSITE WET SET (REPLACEABLE) DETECTABLE WARNING PANELS SHALL BE AS MANUFÀCTURED BY ADA SOLUTIONS, INC. (WWW.ADATILE.COM), OR APPROVED EQUAL.

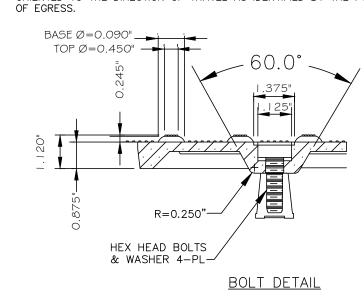
2. CAST IN PLACE CONCRETE SHALL MEET SPECIFICATIONS FOR MAINE D.O.T. CLASS A STRUCTURAL CONCRETE, MINIMUM
COMPRESSIVE STRENGTH 4,000 PSI. THE CONCRETE SHALL BE
SEALED PRIOR TO SETTING PANELS. THE EXPOSED CONCRETE BORDER SHALL RECEIVE A GROOVED EDGE BETWEEN THE PANEL AND CONCRETE, ALONG WITH A UNIFORM BROOM FINISH PERPENDICULAR TO THE FLOW OF PEDESTRIAN TRAFFIC.

TRUNCATED DOMES SHALL BE ALIGNED IN ROWS, PARALLEL AND PERPENDICULAR TO THE PREDOMINANT DIRECTION OF TRAVEL.

TRUNCATED DOME BRICKS AND GRANITE PAVERS ARE NOT ALLOWED. 4. FOR ALL DETECTABLE WARNING PANELS (EXCEPT AS SPECIFIED IN FIGURE 1-7A AND TECHNICAL MANUAL SECTION 1.8.4.), FEDERAL YELLOW COLORED (#33538) PANELS SHALL BE USED. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.

5. 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.

6. 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



---- 12" AGGREGATE BASE COURSE CRUSHED GRAVEL (MDOT 703.06a TYPE B) 2" HMA (19mm) —— I" HMA (12.5mm) FINISHED STREET GRADE EXISTING DRIVEWAY ---

C401

CONCRETE THRUST BLOCK FOR

SIZE REQ'D. SEE SCHEDULE

- PIPE BEND

NOT TO SCALE

BITUMINOUS DRIVEWAY APRON DETAIL

CONCRETE THRUST BLOCK FOR SIZE REQ'D. SEE STD. NO. C.D.S.-0573 SECTION __UNDISTURBED SIDE OF TRENCH

- COMPOSITE WET SET (REPLACEABLE)

DETECTABLE WARNING PANELS SET IN

WET CONCRETE PER MANUFACTURERS

<u>PLAN VIEW</u>

48.0" MINIMUM

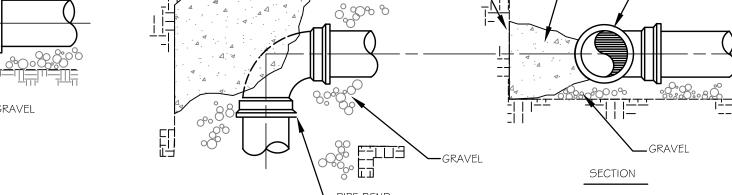
SECTION VIEW

SIDEWALK RAMP DETECTABLE WARNING PANEL

CONCRETE

AGGREGATE

BASE GRAVEL



— UNDISTURBED SIDE OF TRENCH —

SIZE REQUIREMENTS FOR					
CONCRETE THRUST BLOCKS					
		BEARING ON UNDISTURBED SOIL (SQUARE FT.)			
FITTINGS		90° BENDS	45° BENDS	TEES # PLUGS	HYDRANTS
PIPE SIZE	4"	2.0	1.0	1.0	N/A
	6"	3.0	2.0	2.0	6.0
	8"	5.0	3.0	4.0	N/A

THRUST BLOCK SCHEDULE

NOT TO SCALE TAPPING SADDLE SHALL BE NYLON COATED

MONUMENT TO BE MARKED BY PROFESSIONAL

LAND SURVEYOR EMPLOYED BY CITY OF PORTLAND FOR CITY PROJECTS, OR PRIVATE

LAND SURVEYOR FOR PRIVATE PROJECTS.

5/8"ø x 1" DEEP DRILL HOLE WITH 5/8"ø x

SURVEYOR PLS #, AND SET PUNCH MARK. 6" x 6" SMOOTH TOP GRANITE MONUMENT

FORMERLY EAST JORDAN IRON WORKS

16 3/4"

→ 18"ø (MIN.) SONOTUBE

8360Z

18"ø (MIN.) CONCRETE FILLED SONOTUBE

PARALLEL WITH THE TOP SURFACE.

ALL MONUMENTS SHALL BE A FULL 5'-3" IN LENGTH, PLUS OR MINUS ONE INCH,

UNLESS THE CITY HAS PREAPPROVED AN

└── AGGREGATE BASE — CRUSHED, TYPE "B"

ALL MONUMENTS SHALL BE A HARD AND DURABLE GRANITE, OF LIGHT COLOR, WITH A SMOOTH SPLIT APPEARANCE, AND FREE FROM SEAMS WHICH IMPAIR

ALL MONUMENTS, EXCEPT FOR IN DESIGNATED AREAS, MAY HAVE SPLIT OR SAWN SIDES. THE BOTTOM SURFACE SHALL BE 7" TO 9" SQUARE, MAY BE CUT ROUGH, AND SHALL BE

THE TOP SURFACE SHALL BE SMOOTH, NOT PREMARKED,

6" SQUARE, AND MARKED BY A MAINE PROFESSIONAL

LAND SURVEYOR AFTER BACKFILL AND COMPACTION.

THE CONTRACTOR SHALL SET THE CENTER OF THE MONUMENT WITHIN 1" OF THE SURVEY POINT, OR THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING IT AND SETTING ANOTHER MONUMENT.

FILTER FABRIC WRAP

STRUCTURAL INTEGRITY.

ALTERNATIVE.

GRANITE STREET MONUMENT

V5613 19 1/8"

— CAST IRON COVER - RAISED DIAMOND DESIGN

EJ USA CAST IRON FRAME V5613 AND COVER V6713

EJ USA CAST IRON FRAME 8360Z AND COVER 8360A

— TOP OF SOD, SIDEWALK, OR ADA RAMP.

EJ USA CAST IRON FRAME

LETTERED "PORTLAND DPS" / "SURVEY MONUMENT"

Centered on Cover with 1" Clearance to edges COVER

6" MIN.

C401

19 1/8"

V5613

PLAN - COVER REMOVED

1/2" COPPER ROD, CITY SURVEY WASHER,

ALL WORK TO CONFORM TO THE PORTLAND WATER DISTRICT STANDARDS AND REQUIREMENTS.

EXISTING 16" WATER

STANDARD CORPORATION STOP DETAIL C401 NOT TO SCALE

THRUST BLOCK PLACEMENT AT TEE(S)

THRUST BLOCK DETAILS C401 NOT TO SCALE

-CAST IN PLACE

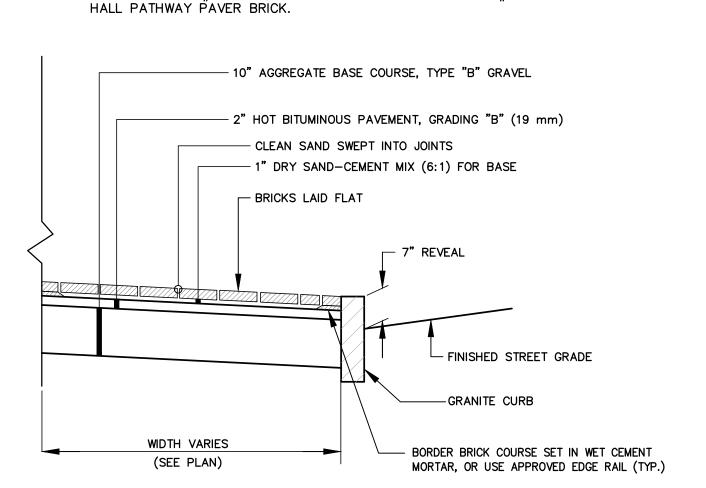
CONCRETE

NOT TO SCALE

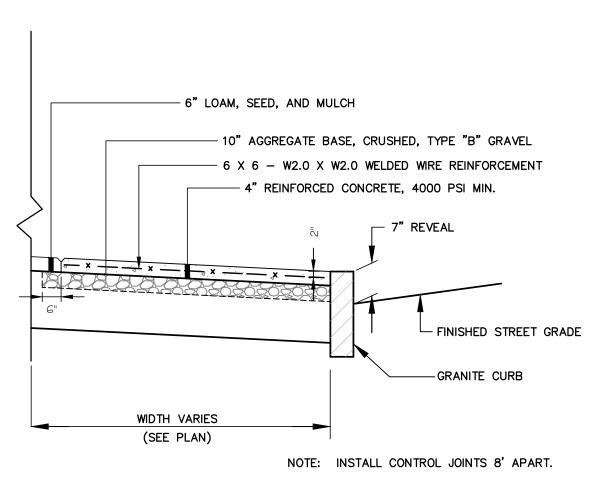
C401

BRICKS TO BE USED: NEW CONSTRUCTION: (LANCASTER)
4"x8" PINE HALL PATHWAY PAVER BRICK: MFG. BY PINE HALL BRICK CO., MADISON, NORTH CAROLINA. LACHANCE ITEM # 193623, PINE

REPAIR /MAINTENANCE TO EXISTING BRICK SIDEWALKS: (PREBLE)
VERMONT PAVER; SUPPLIED BY GAGNE AND SONS. SPECIFICATION NUMBER: "VERMONT BACKER BRICK", ITEM NUMBER # VBBB

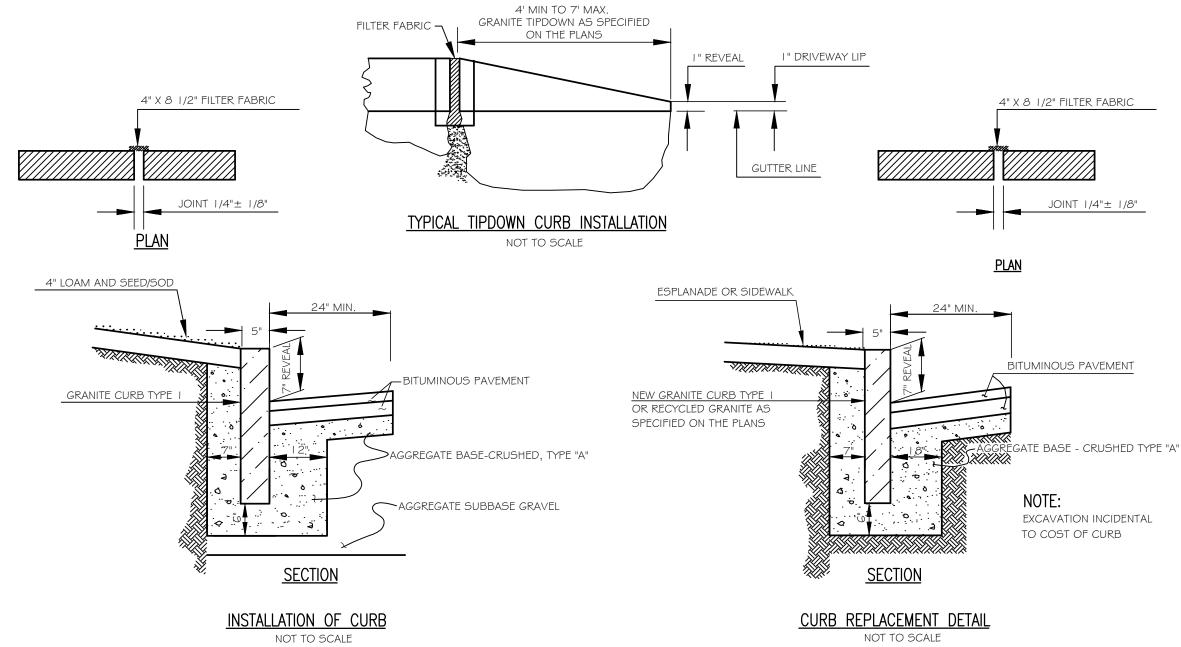






THRUST BLOCK PLACEMENT AT BEND(S)











Bild

30 JE **50**

1 1 1 1 1

1 2 E 4 E

5 0 DOCUMENTS NOT CONSTRUCT

ISSUE DATE 8/2/16 SHEET SCALE N.T.S.