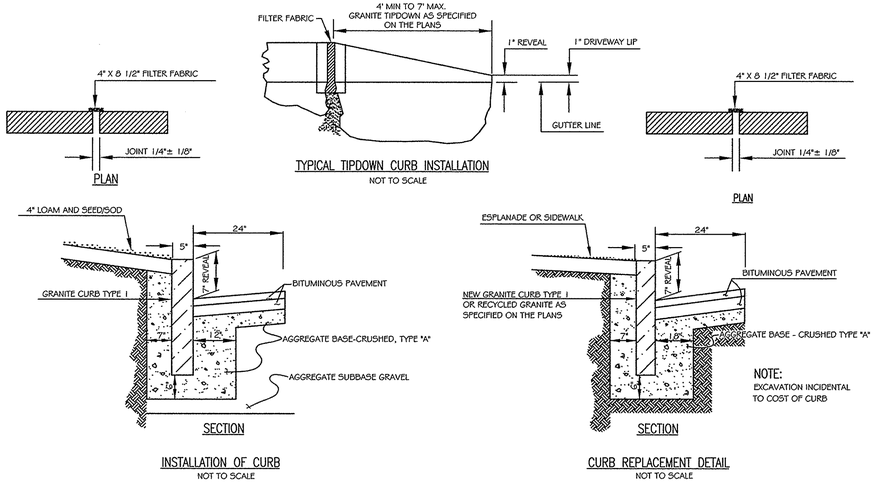
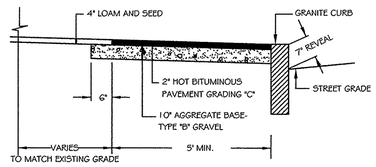


TYPICAL INSTALLATION OF CURB
NOT TO SCALE

1 GRANITE CURB INSTALLATION DETAIL (BRIGHTON AVE R.O.W.)

NOT TO SCALE



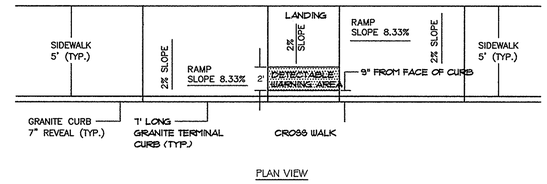
BITUMINOUS SIDEWALK DETAIL – NO ESPLANADE
NOT TO SCALE

2 SIDEWALK RECONSTRUCTION (BRIGHTON AVE)

NOT TO SCALE

NOTES:
ALL RAMPS SHALL COMPLY WITH ADA STANDARDS.

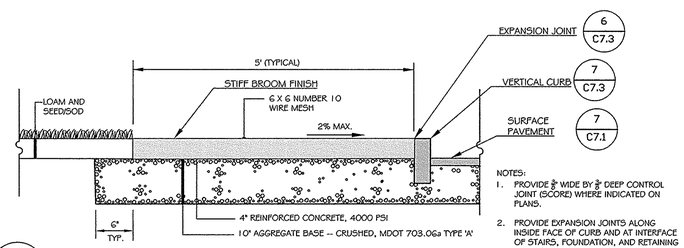
GRANITE CURB ADJACENT TO LANDING SHALL BE FLUSH WITH STREET.
SIDEWALK MATERIAL PER CITY SIDEWALK MATERIAL POLICY.



PARALLEL SIDEWALK RAMP LAYOUT FOR NARROW SIDEWALK WITH NO ESPLANADE
NOT TO SCALE

3 CURB RAMP AT CROSSWALK DETAIL

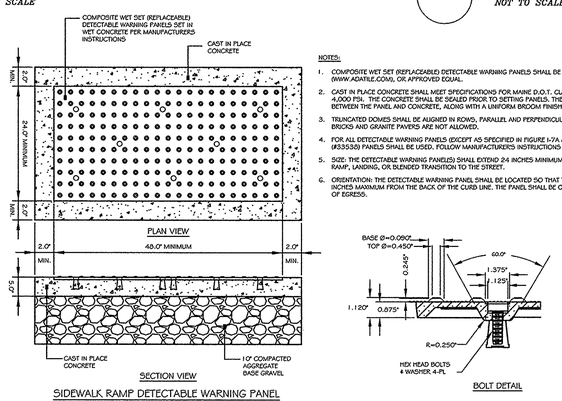
NOT TO SCALE



NOTES:
1. PROVIDE ¾" WIDE BY ¾" DEEP CONTROL JOINT (SCORE) WHERE INDICATED ON PLANS.
2. PROVIDE EXPANSION JOINTS ALONG INSIDE FACE OF CURB AND AT INTERFACE OF STAIRS, FOUNDATION, AND RETAINING WALL.

4 CONCRETE SIDEWALK DETAIL

NOT TO SCALE



NOTES:
1. COMPOSITE WET SET (REPLACEABLE) DETECTABLE WARNING PANELS SHALL BE AS MANUFACTURED 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.
3. 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 1.6.4.), FEDERAL YELLOW COLORED (#33538) PANELS SHALL BE USED. FOLLOW MANUFACTURERS 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 2 INCHES MINIMUM AND 4 INCHES MAXIMUM FROM THE BACK OF THE CURB LINE. THE PANEL SHALL BE ORIENTED TO THE DIRECTION OF TRAVEL AS IDENTIFIED BY THE POINT OF EGRESS.

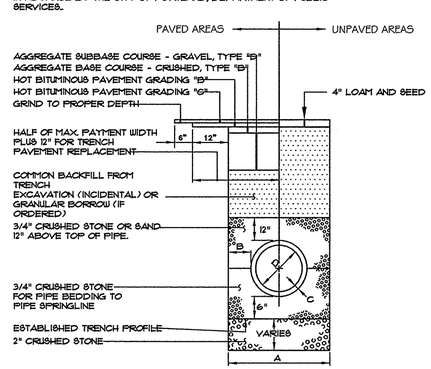
SIDEWALK RAMP DETECTABLE WARNING PANEL
NOT IN OR ADJACENT TO HISTORIC DISTRICT

5 SIDEWALK RAMP DETECTABLE WARNING PANEL

NOT TO SCALE

NOTES:
DEPTH OF BITUMINOUS PAVEMENT AND AGGREGATE COURSES SHALL BE DETERMINED BY STREET CLASSIFICATION.

ANY ALTERNATE TRENCHING OR PAVEMENT METHODS SHALL BE APPROVED
IN ADVANCE BY THE CITY OF PORTLAND, DEPARTMENT OF PUBLIC SERVICES.



TYPICAL PIPE TRENCH INSTALLATION
NOT TO SCALE

NOTES
1. ALTERNATIVE CONSTRUCTION METHODS OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE BY THE CITY.
2. 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.
3. 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 DIMENSION B SHALL BE AT LEAST 9".
4. DIMENSION A IS THE MAXIMUM WIDTH ALLOWED FOR CALCULATING PAY QUANTITIES UNDER GRANULAR BORROW, CRUSHED STONE, STRUCTURAL EARTH EXCAVATION, AND STRUCTURAL ROCK EXCAVATION. DIMENSION A
SHALL BE BASED ON PIPE DIAMETER D, AS SET FORTH IN THE FOLLOWING TABLE.

PIPE DIAMETER, D (INCHES)	MAX. TRENCH WIDTH, A (FEET)
4	4.0
6	4.0
8	4.0
10	4.0
12	5.0
15	5.0
18	5.0
21	5.0
24	6.0
27	6.0
30	6.0
36	6.0
42	7.0
48	7.0

TYPICAL PIPE INSTALLATION – NOTES
NOT TO SCALE

6 PIPE TRENCH DETAIL (BRIGHTON AVE R.O.W.)

NOT TO SCALE

PINKHAM & GREER
CIVIL ENGINEERS
28 WINTHROP AVE, PORTLAND, ME 04102
TEL: 207.781.3242 FAX: 207.781.4245

STATE OF MAINE
THOMAS S. GREER
No. 4236
LICENSED
PROFESSIONAL ENGINEER
4/4/17

REV.	DATE	DESCRIPTION

PORTLAND HOTELS, INC.
1200 BRIGHTON AVENUE
PORTLAND, MAINE

SCALE: AS SHOWN
DATE: APRIL 4, 2017
PROJECT: 16196
DRN BY: JDC
DESG BY: TSG
CHK BY: TSG

HOTEL REDEVELOPMENT
1210 BRIGHTON AVENUE
PORTLAND, MAINE

SITE DETAILS

C7.4

MAP/LOT 265

CITY OF PORTLAND
APPROVED SITE PLAN
Subject to Conditions of Approval and Standard Conditions

DATE of APPROVAL 4/4/15, amended 6/8/17
PLANNER Nell Donaldson
PROJECT NO. 2014-220, amended 2017-077