

DIAGONAL SIDEWALK RAMP LAYOUT AT INTERSECTION FOR SIDEWALK WITHOUT ESPLANADE

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 2. CAST IN PLACE CONCRETE SHALL MEET SPECIFICATIONS FOR MAINE D.O.T. CLASS A STRUCTURAL CONCRETE, MINIMUM COMPRESSIVE STRENGTH 4,000 PSI. THE COMPOSITE WET SET (REPLACEABLE) 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 DETECTABLE WARNING PANELS SET IN WET CONCRETE PER MANUFACTURERS INSTRUCTIONS OF PEDESTRIAN TRAFFIC. CAST IN PLACE CONCRETE 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. 4.0" 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4. FOR ALL DETECTABLE WARNING PANELS (EXCEPT AS SPECIFIED IN TECHNICAL MANUAL 1.8.4.), FEDERAL DARK GRAY COLORED (#36118) PANEL(S) SHALL BE USED. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION. 24.0" MINIMUM 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 TO 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 EGRESS. BASE Ø= 0.090" 4.0" 48.0" MINIMUM TOP Ø= 0.045" <u>PLAN VIEW</u> - CIP CONCRETE 1.120" 10.0 0.245"

SIDEWALK RAMP DETECTABLE WARNING PANEL NOT TO SCALE

SECTION VIEW

10" COMPACTED
AGGREGATE BASE GRAVEL

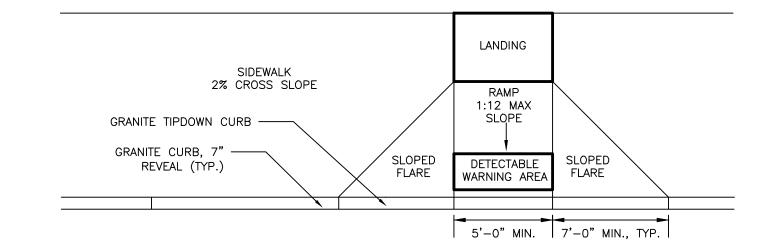
 $R = 0.250^{"}$

HEX HEAD BOLTS -

& WASHER 4-PL

BOLT DETAIL

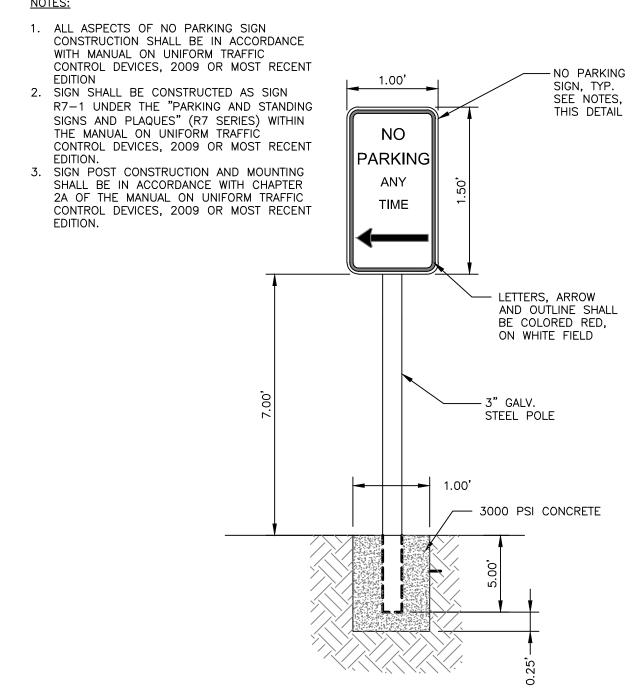
- 1. ALL RAMPS SHALL COMPLY WITH CITY OF PORTLAND AND ADA STANDARDS. 2. VERTICAL GRANITE CURB ADJACENT TO RAMP SHALL BE FLUSH WITH STREET.
- 3. SIDEWALK MATERIAL SHALL BE PER CITY SIDEWALK MATERNAL POLICY. 4. FLARED SECTIONS SHOULD MATCH SURFACE MATERIAL USED FOR SIDEWALK CONSTRUCTION.



DESIGN ELEMENT	SLOPE IN DIRECTION OF TRAVEL	CROSS SLOPE
APPROACH	8.33% MAX	2%
LANDING	2%	2%
RAMP	8.33% MX	MATCH STREET GRADE
FLARE	10% MAX AT CURB FACE	-
SIDEWALK	MATCH STREET GRADE	2%

PREFERRED SIDEWALK RAMP LAYOUT AT INTERSECTION FOR SIDEWALK WITHOUT ESPLANADE NOT TO SCALE

NOTES:



NO PARKING DETAIL NOT TO SCALE

FINAL APPLICATION NOT ISSUED FOR CONSTRUCTION

REVISION REDEVELOPMENT DETAILS STREET SITE ANDERSON REDF CIVIL_106 DESIGNED BY: DRAWN BY: CHECKED BY: DRAWING NO.

PRELIMINARY APP

FINAL APP

NUMBERS TO BE PAINTED AS THE SAME COLOR AS THE CORRESPONDING PARKING SPACE.
 BOTTOM OF NUMBER TO BE FLUSH WITH THE FRONT OF THE PARKING SPACE.

PARKING STALL NUMBER DETAIL NOT TO SCALE