TERMINAL CURB PROFILE

VERTICAL GRANITE CURB PLAN VIEW

VERTICAL GRANITE CURB CROSS SECTION

6 VERTICAL GRANITE CURB FULL DEPTH STREET CONSTRUCTION (I-16)

NOT TO SCALE

TERMINAL CURB PROFILE

VERTICAL GRANITE CURB PLAN VIEW

VERTICAL GRANITE CURB CROSS SECTION

5 VERTICAL GRANITE CURB INSTALLATION IN EXISTING STREET (I-17)

NOT TO SCALE

NOTE:
INDIVIDUAL PIECES OF CURB SHORTER THAN 4 L.F. ARE NOT ALLOWED, WITH THE EXCEPTION OF RADIAL CURB.

4 SLOPED GRANITE CURB– FULL DEPTH STREET CONSTRUCITON (I-18)

NOT TO SCALE

TIP-DOWN & TERMINAL END DIMENSIONS

GRANITE VERTICAL TO SLOPED TRANSITION PIECE

D CURB INLET

2 CURB TERMINATION & TRANSITIONS

NOT TO SCALE

CONSTRUCTION	USE
1 1/4" HMA MDOT 9.5mm 2 1/4" HMA MDOT 19.0mm 4" COMPACTED AGGREGATE BASE, MDOT 703.06(a) TYPE A 15" COMPACTED AGGREGATE SUBBASE, MDOT 703.06(b) TYPE D COMPACTED SUBGRADE	BITUMINOUS PAVEMENT ACCESS ROAD PARKING LOT
PERMEA PAVER, SEE NOTE 3 2" STONE BEDDING COURSE & JOINT FILL 15" COMPACTED 3/4" CRUSHED STONE GEOTEXTILE, TURN UP AT SIDES COMPACTED SUBGRADE	PERVIOUS PAVEMENT PARKING
2 - 1" LAYERS OF HMA MDOT 9.5mm 12" COMPACTED AGGREGATE BASE, MDOT 703.06(a) TYPE A COMPACTED SUBGRADE	BITUMINOUS SIDEWALKS
4" COMPACTED AGGREGATE BASE, MDOT 703.06(a) TYPE A 15" COMPACTED AGGREGATE SUBBASE, MDOT 703.06(b) TYPE D COMPACTED SUBGRADE	GRAVEL TRAIL
7" CONC. SLAB W/ 6x6 W2.9xW2.9 WWF @ MIDHEIGHT OF SLAB THICKENED SLAB 2 - #4 CONT. 12" COMPACTED AGGREGATE BASE, MDOT 703.06(a) TYPE A COMPACTED SUBGRADE	CONCRETE PLAZA AREAS
EXTEND BASE 4" MIN. CONCRETE PAVERS W/ STABILIZED SAND FILL EDGING WITH STEEL SPIKES ALONG NON-PAVEMENT EDGES 4" COMPACTED AGGREGATE BASE, MDOT 703.06(a) TYPE A COMPACTED SUBGRADE	CONCRETE PAVERS PLAZA AREAS
7" CONC. SLAB W/ #4 @ 12" E.W. @ MIDHEIGHT OF SLAB THICKENED SLAB 2 - #4 CONT. 12" COMPACTED AGGREGATE BASE, MDOT 703.06(a) TYPE A COMPACTED SUBGRADE	CONCRETE EQUIPMENT & BIKE RACK PADS
4" TOPSOIL, NO STONES OVER 3/4" DIA. GRANULAR MATERIAL IN FILL AREAS COMPACTED SUBGRADE	GRASS ALL DISTURBED AREAS
3" BARKMULCH PREPARED SUBGRADE	PLANT BED BARKMULCH

NOTES:

1. HMA = HOT MIX ASPHALT.
   MDOT = MAINE DEPARTMENT OF TRANSPORTATION.
2. ALL COURSE THICKNESS AFTER FINAL COMPACTION.
3. TECHO-BLOC PERMEA PERMEABLE PAVEMENT OR APPROVED EQUAL. AVALABLE THRU GAGNE & SON.

1 SCHEDULE OF SURFACE FINISHES

NOT TO SCALE

VERTICAL CURB SLOPED CURB

CONCRETE NOTES:

1. MIN. 28 DAY COMPRESSIVE STRENGTH: 4,000 PSI
2. AIR ENTRAINMENT: 4% TO 6%
3. REINFORCING: FIBERMESH OR EQUIVALENT GRACE PRODUCT, STRAND LENGTH 1 1/2", 1" TO 1 1/2 LB/CUBIC YARD.
4. SLUMP: 1" TO 1 1/2"
5. FINISH: VERTICAL AND TOP FACES: SMOOTH SLIPFORM
   SLOPED FACES: BROOM
6. JOINTS: SAWCUT 10' O.C. 3" DEEP THE DAY AFTER PLACING.
7. SEALER: SALTGUARD OR EQUAL WATER BASED SEALER.

7 SLIPFORM CONCRETE CURB DETAILS

NOT TO SCALE

TILE PLAN

RAMP WITH END LANDING – ELEVATION

TILE SECTION

RAMP WITH END LANDING – PLAN

NOTE: DETECTABLE WARNING TILE REQUIRED AT ALL SIDEWALK RAMPS.

8 DETECTABLE WARNING SECTIONS

NOT TO SCALE

9 WHEELSTOP DETAIL

NOT TO SCALE

3 PAVEMENT CUTTING & MATCHING SECTION

NOT TO SCALE

PINKHAM & GREER
CIVIL ENGINEERS
28 VAUGHAN AVE. PORTLAND, ME. 04103
TEL. 207.781.5242 FAX. 207.781.4265

STATE OF MAINE
THOMAS S. GREER
No. 4208
LICENSED
PROFESSIONAL ENGINEER
12/12/16

REV.	DATE	DESCRIPTION
3	12/12/16	REV'D EQUIOMENT & BIKE RACK PAD DEPTH
2	9/14/16	REV'D PER CITY REVIEW COMMENTS
1	8/25/16	REV'D PER CITY REVIEW COMMENTS

NORTHLAND ENTERPRISES, LLC
17 SOUTH STREET
PORTLAND, MAINE 04101

SCALE: AS SHOWN
DATE: JUNE 17, 2016
PROJECT: 13151
DRN BY: RJS
DESG BY: TSG
CHK BY: TSG

1945 CONGRESS STREET
ELKS LODGE, PORTLAND, MAINE

DETAILS

C2.3

MAP/LOT 216-A-6 & 217-A-1

Reviewed for Code Compliance
Inspection Division
Department of Public Services
Date: 05/08/17