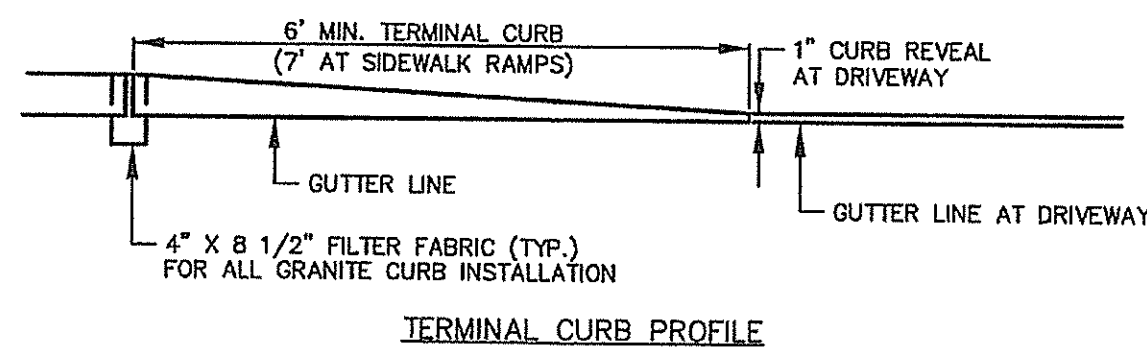
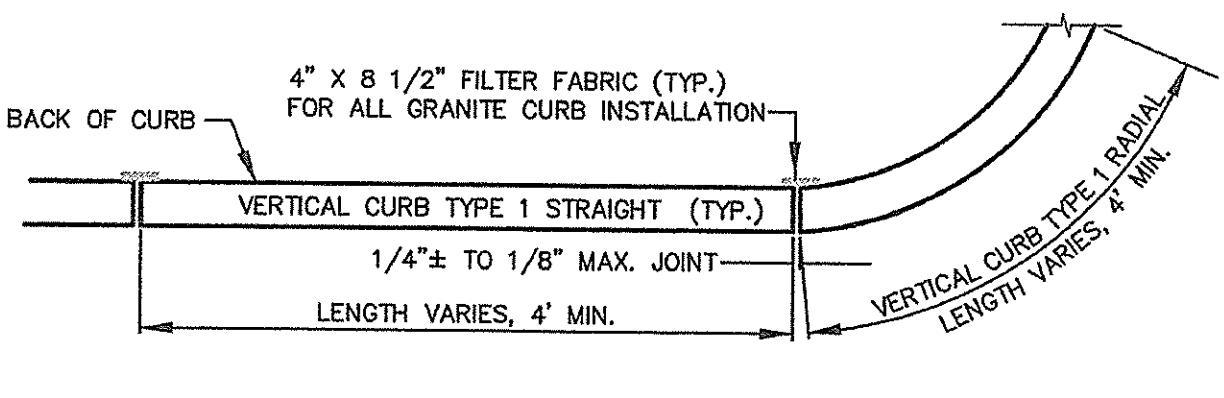


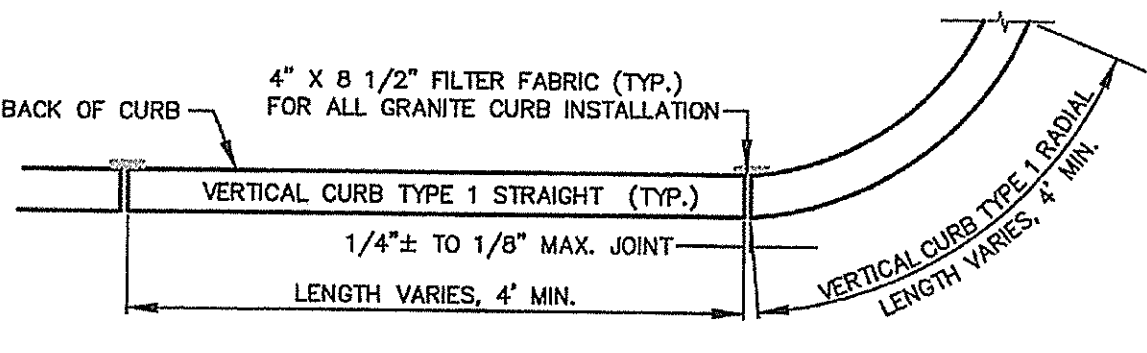
TERMINAL CURB PROFILE



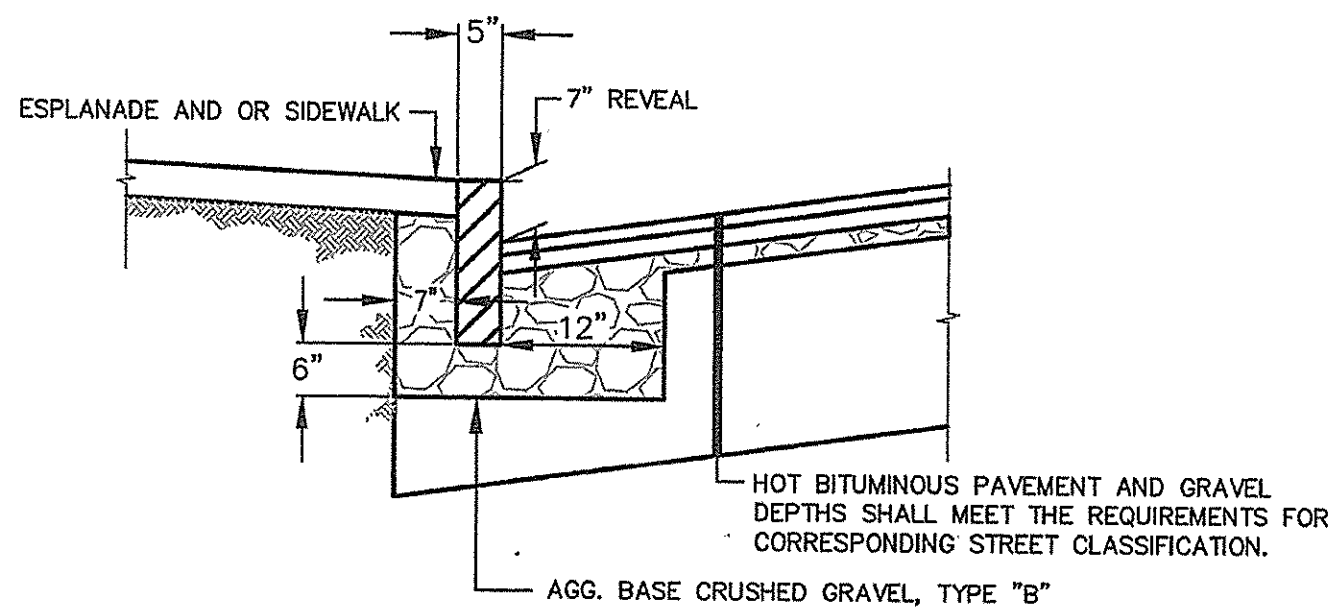
TERMINAL CURB PROFILE



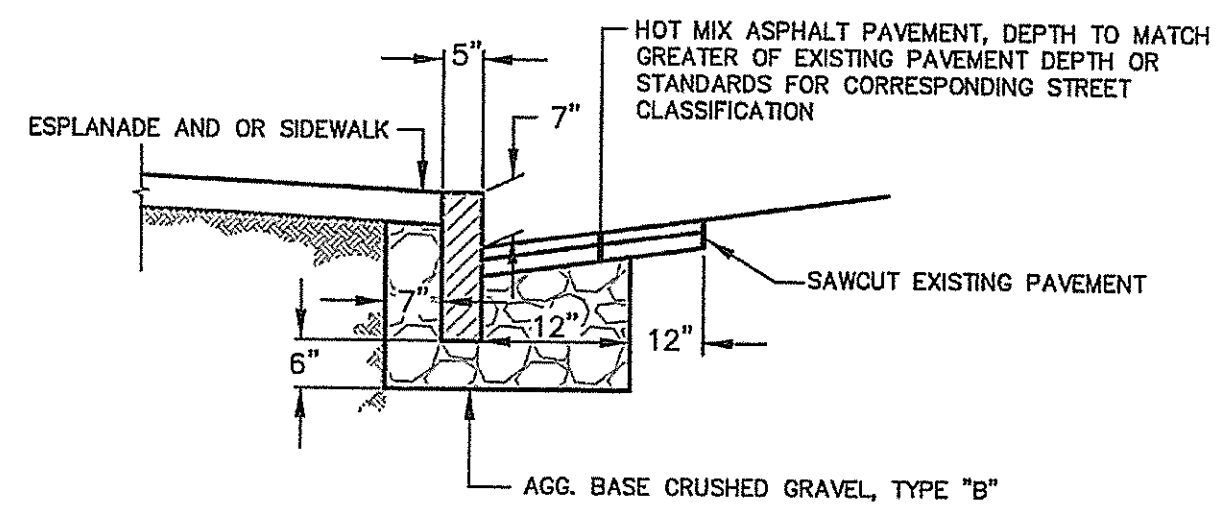
VERTICAL GRANITE CURB PLAN VIEW



VERTICAL GRANITE CURB PLAN VIEW



VERTICAL GRANITE CURB CROSS SECTION



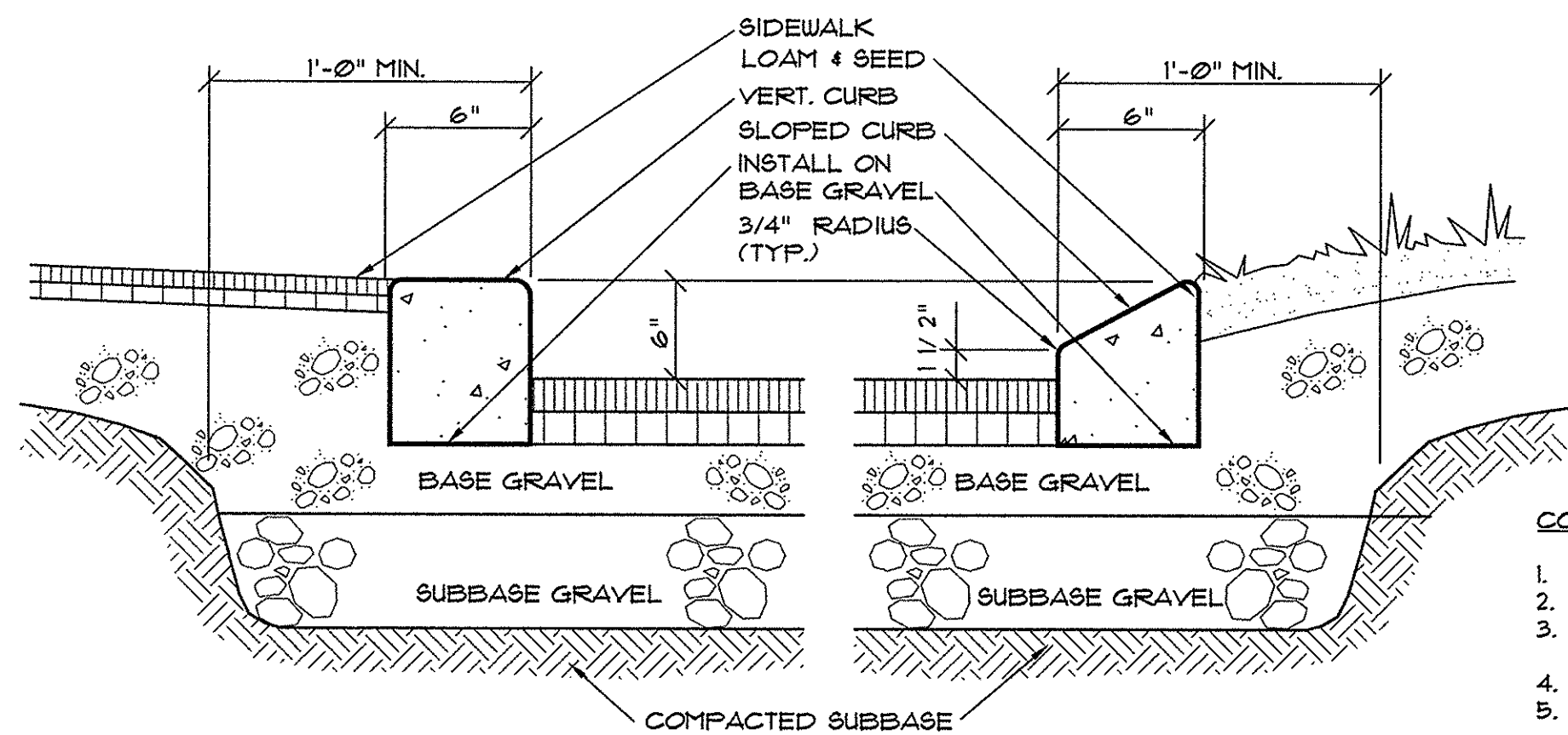
VERTICAL GRANITE CURB CROSS SECTION

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

NOT TO SCALE

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

NOT TO SCALE



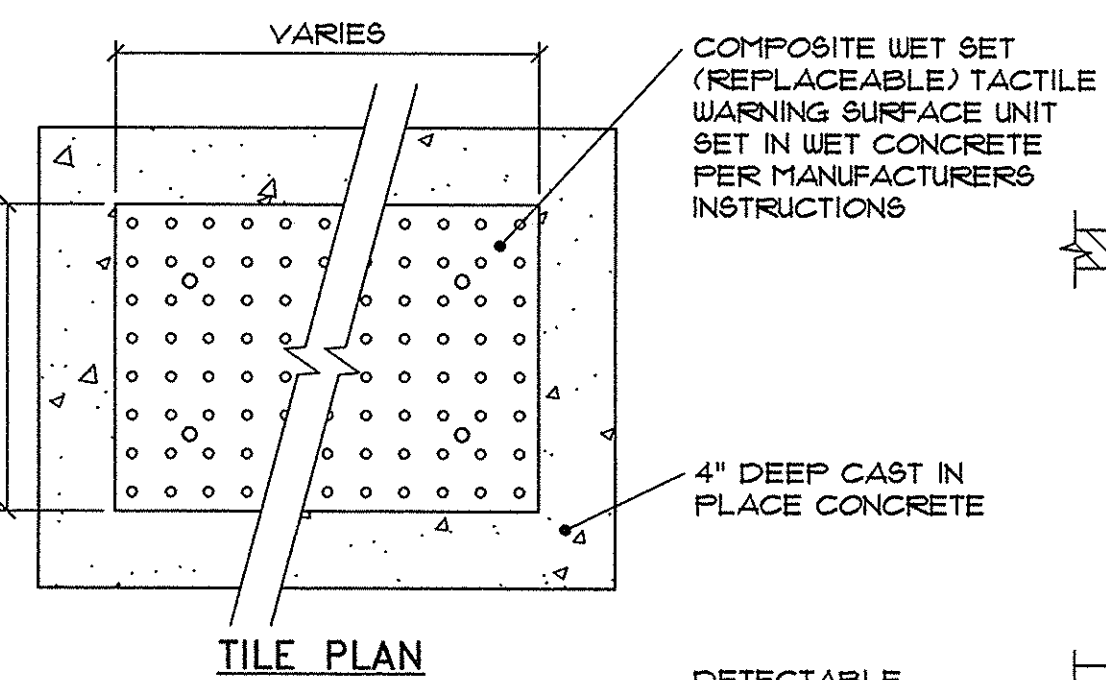
VERTICAL CURB SLOPED CURB

7 SLIPFORM CONCRETE CURB DETAILS

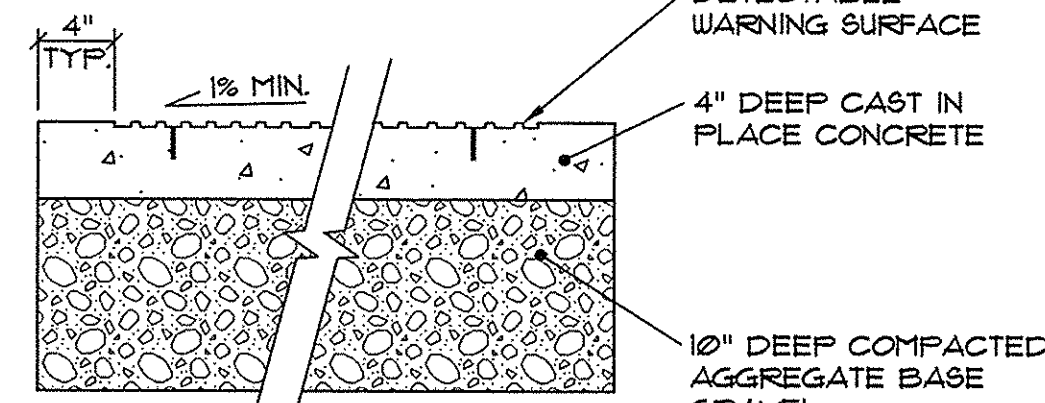
NOT TO SCALE

CONCRETE NOTES:

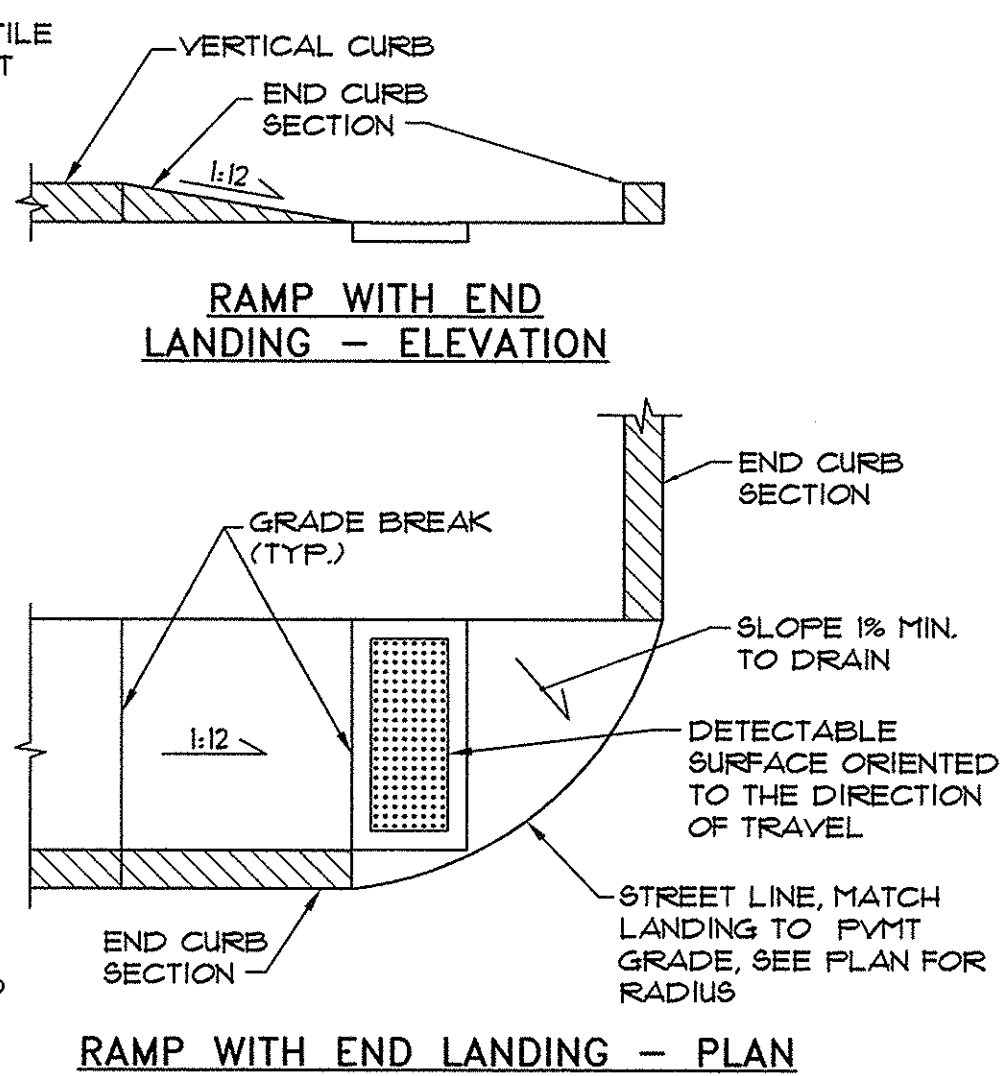
- MIN. 28 DAY COMPRESSIVE STRENGTH: 4,000 PSI
- AIR ENTRAINMENT: 4% TO 6%
- REINFORCING: FIBERMESH OR EQUIVALENT GRACE PRODUCT. STRAND LENGTH 1 1/2", 1" TO 1 1/2 LB/CUBIC YARD.
- SLUMP: 1" TO 1 1/2"
- FINISH: VERTICAL AND TOP FACES: SMOOTH SLIPFORM SLOPED FACES: BROOM
- JOINTS: SAWCUT 1/2" O.C. 3" DEEP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



TILE PLAN



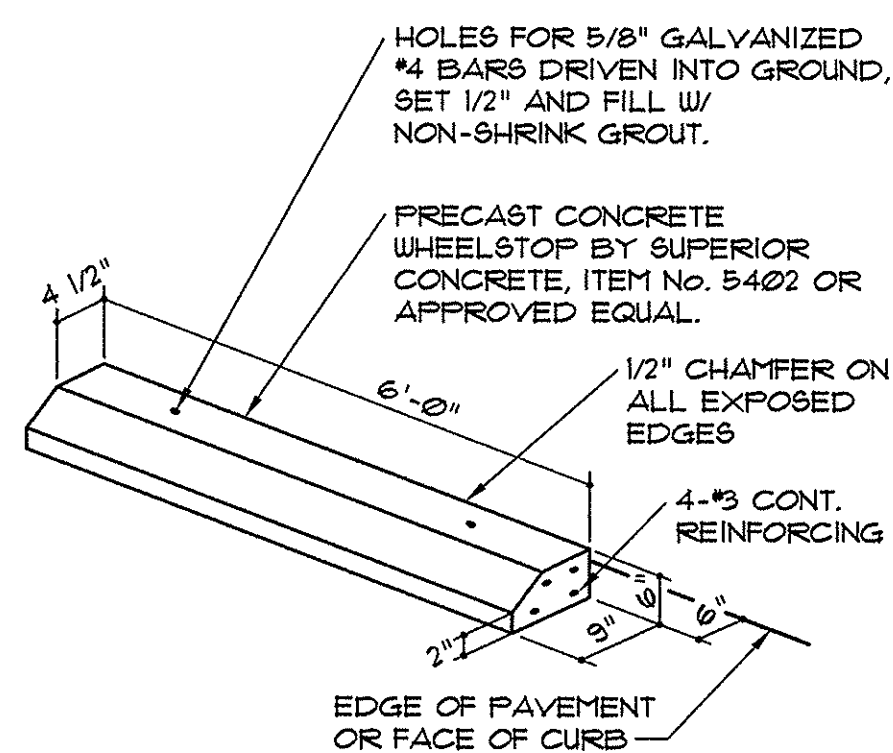
TILE SECTION



RAMP WITH END LANDING - ELEVATION

RAMP WITH END LANDING - PLAN

NOTE: DETECTABLE WARNING TILE REQUIRED AT ALL SIDEWALK RAMPS.



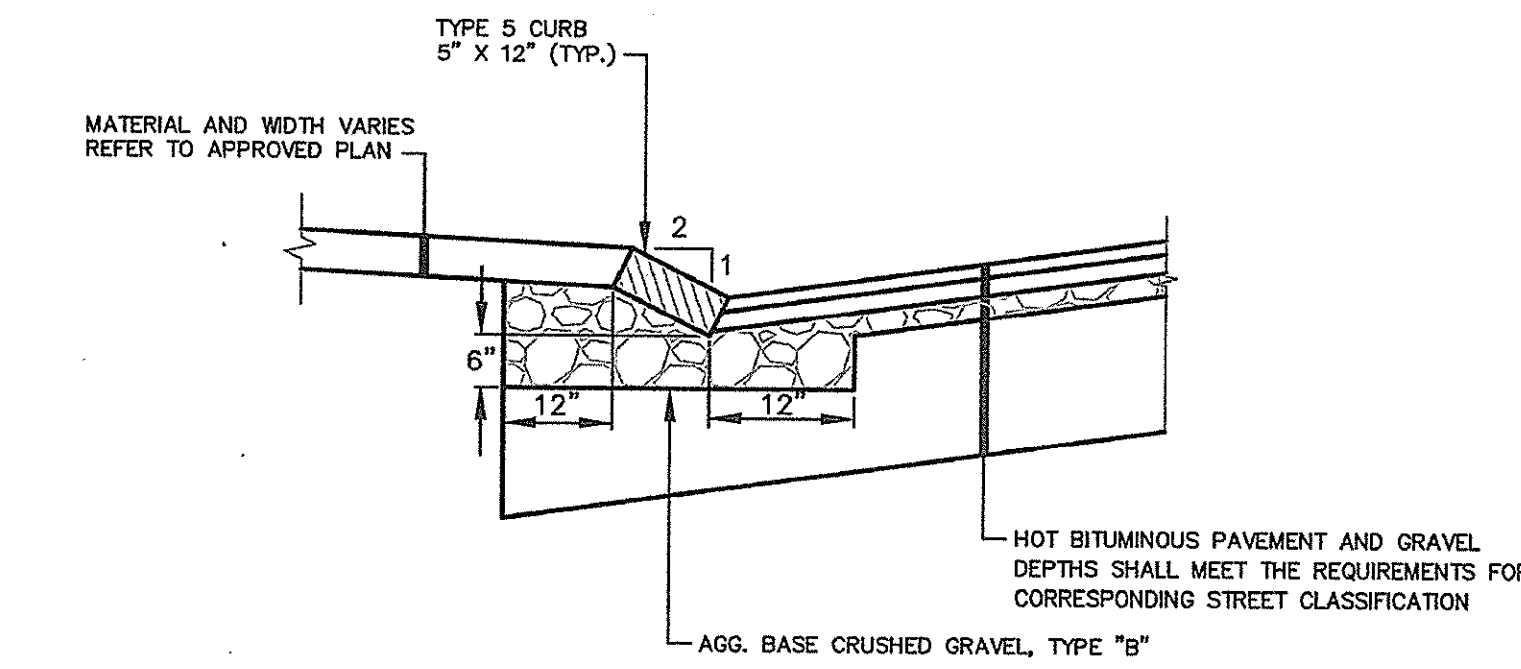
9 WHEELSTOP DETAIL

NOT TO SCALE

8 DETECTABLE WARNING SECTIONS

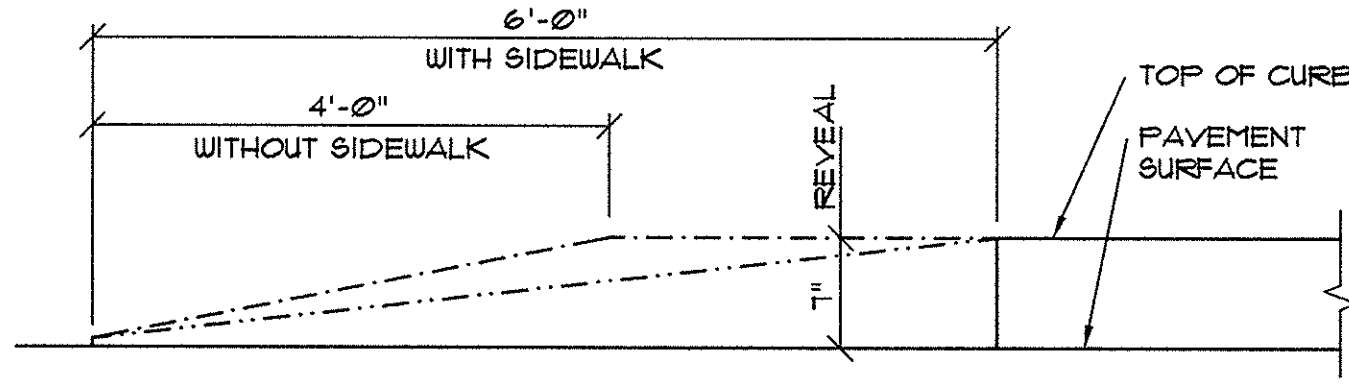
NOT TO SCALE

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

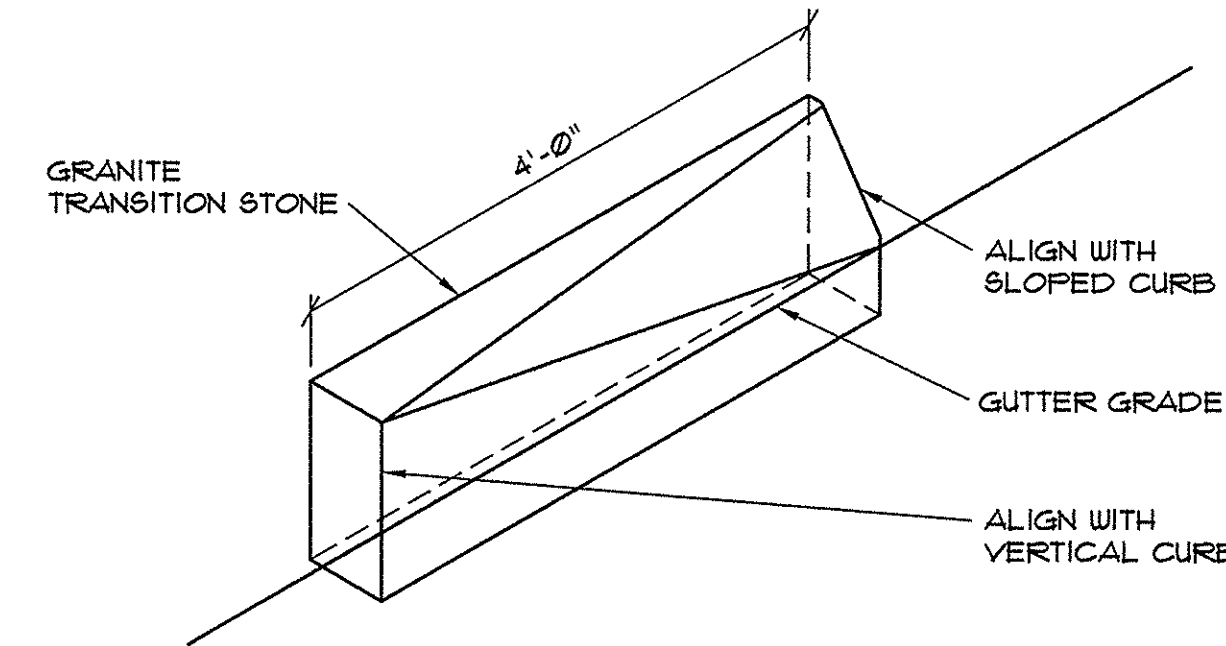


4 SLOPED GRANITE CURB - FULL DEPTH STREET CONSTRUCTION (I-18)

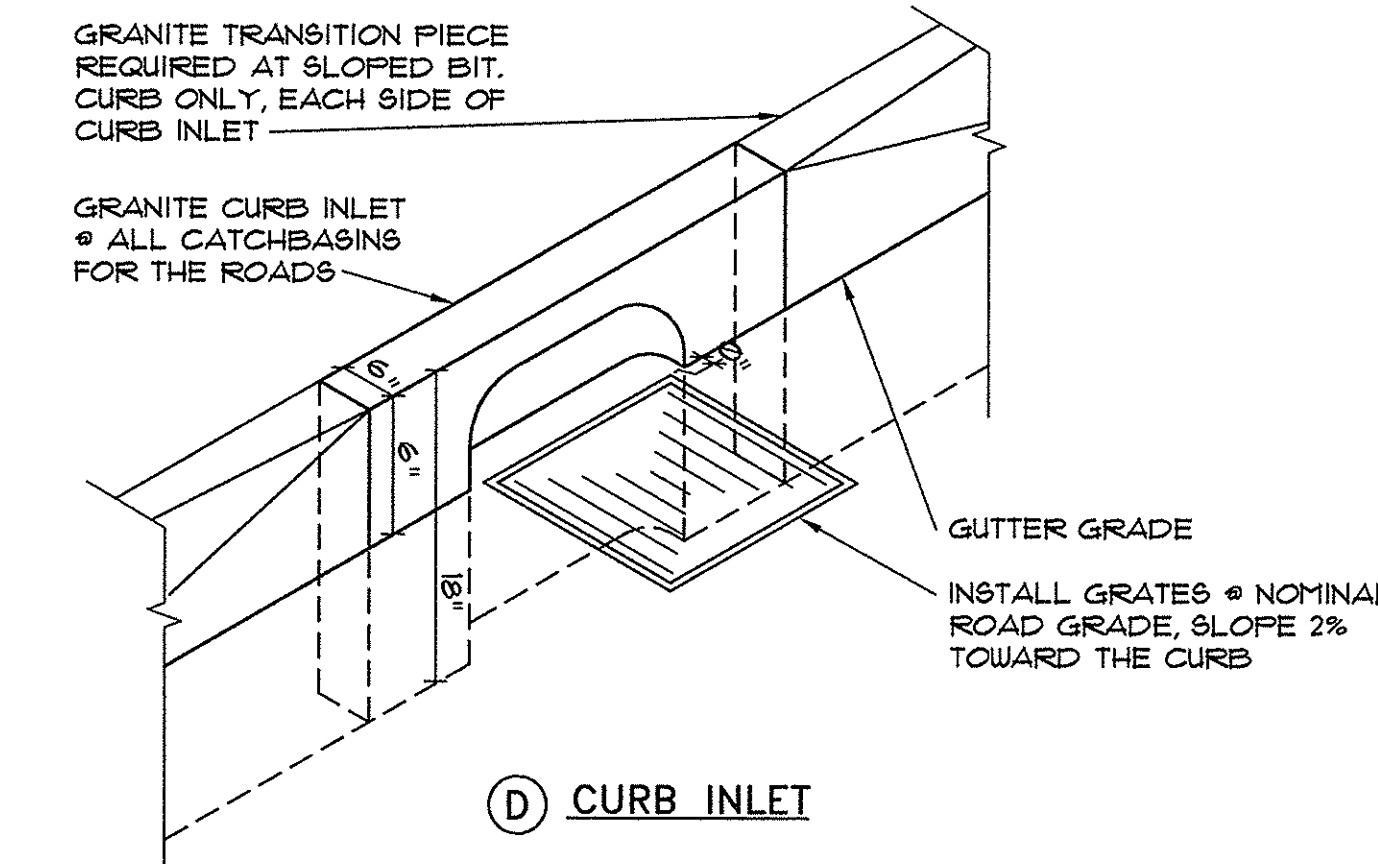
NOT TO SCALE



TIP-DOWN & TERMINAL END DIMENSIONS



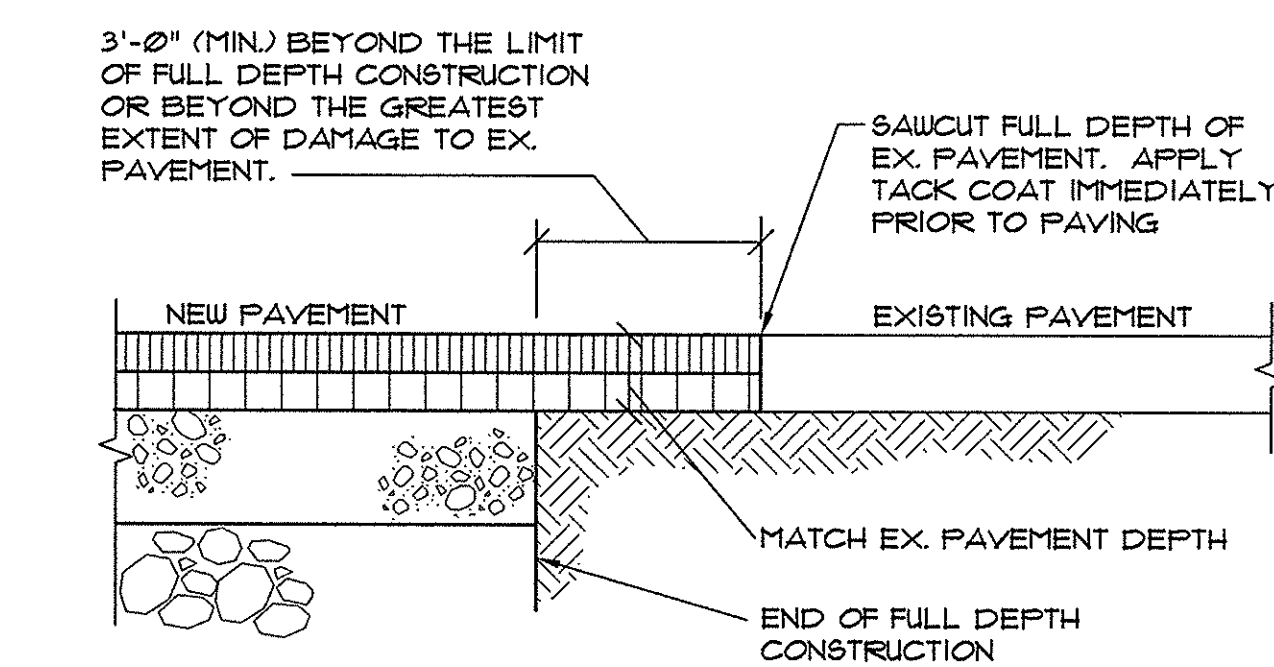
GRANITE VERTICAL TO SLOPED TRANSITION PIECE



D CURB INLET

2 CURB TERMINATION & TRANSITIONS

NOT TO SCALE



3 PAVEMENT CUTTING & MATCHING SECTION

NOT TO SCALE

CONSTRUCTION	USE
<ul style="list-style-type: none"> <li>1 1/4" HMA MDOT 9.5mm</li> <li>2 1/4" HMA MDOT 19.0mm</li> <li>4" COMPACTED AGGREGATE BASE, MDOT 103.06(a) TYPE A</li> <li>15" COMPACTED AGGREGATE SUBBASE, MDOT 103.06(b) TYPE D</li> <li>COMPACTED SUBGRADE</li> </ul>	<ul style="list-style-type: none"> <li>BITUMINOUS PAVEMENT</li> <li>ACCESS ROAD</li> <li>PARKING LOT</li> </ul>
<ul style="list-style-type: none"> <li>PERMEA PAVES, SEE NOTE 3</li> <li>2" STONE BEDDING COURSE &amp; JOINT FILL</li> <li>15" COMPACTED 3/4" CRUSHED STONE</li> <li>GEOTEXTILE, TURN UP AT SIDES</li> <li>COMPACTED SUBGRADE</li> </ul>	<ul style="list-style-type: none"> <li>PERVIOUS PAVEMENT</li> <li>PARKING</li> </ul>
<ul style="list-style-type: none"> <li>2 - 1" LAYERS OF HMA MDOT 9.5mm</li> <li>12" COMPACTED AGGREGATE BASE, MDOT 103.06(a) TYPE A</li> <li>COMPACTED SUBGRADE</li> </ul>	<ul style="list-style-type: none"> <li>BITUMINOUS SIDEWALKS</li> </ul>
<ul style="list-style-type: none"> <li>4" COMPACTED AGGREGATE BASE, MDOT 103.06(a) TYPE A</li> <li>15" COMPACTED AGGREGATE SUBBASE, MDOT 103.06(b) TYPE D</li> <li>COMPACTED SUBGRADE</li> </ul>	<ul style="list-style-type: none"> <li>GRAVEL TRAIL</li> </ul>
<ul style="list-style-type: none"> <li>1" CONC. SLAB W/ 6x6 W2.5xW2.5 WUF @ MIDHEIGHT OF SLAB</li> <li>THICKENED SLAB</li> <li>2 - #4 CONT.</li> <li>12" COMPACTED AGGREGATE BASE, MDOT 103.06(a) TYPE A</li> <li>COMPACTED SUBGRADE</li> </ul>	<ul style="list-style-type: none"> <li>CONCRETE PLAZA AREAS</li> </ul>
<ul style="list-style-type: none"> <li>EXTEND BASE 4" MIN.</li> <li>CONCRETE PAVERS W/ STABILIZED SAND FILL</li> <li>EDGING WITH STEEL SPIKES ALONG NON-PAVEMENT EDGES</li> <li>4" COMPACTED AGGREGATE BASE, MDOT 103.06(a) TYPE A</li> <li>COMPACTED SUBGRADE</li> </ul>	<ul style="list-style-type: none"> <li>CONCRETE PAVERS</li> <li>PLAZA AREAS</li> </ul>
<ul style="list-style-type: none"> <li>1" CONC. SLAB W/ #4 @ 12" E.W. @ MIDHEIGHT OF SLAB</li> <li>THICKENED SLAB</li> <li>2 - #4 CONT.</li> <li>12" COMPACTED AGGREGATE BASE, MDOT 103.06(a) TYPE A</li> <li>COMPACTED SUBGRADE</li> </ul>	<ul style="list-style-type: none"> <li>CONCRETE EQUIPMENT &amp; BIKE RACK PADS</li> </ul>
<ul style="list-style-type: none"> <li>4" TOPSOIL, NO STONES OVER 3/4" DIA.</li> <li>GRANULAR MATERIAL IN FILL AREAS</li> <li>COMPACTED SUBGRADE</li> </ul>	<ul style="list-style-type: none"> <li>GRASS</li> <li>ALL DISTURBED AREAS</li> </ul>
<ul style="list-style-type: none"> <li>3" BARKMULCH</li> <li>PREPARED SUBGRADE</li> </ul>	<ul style="list-style-type: none"> <li>PLANT BED</li> <li>BARKMULCH</li> </ul>

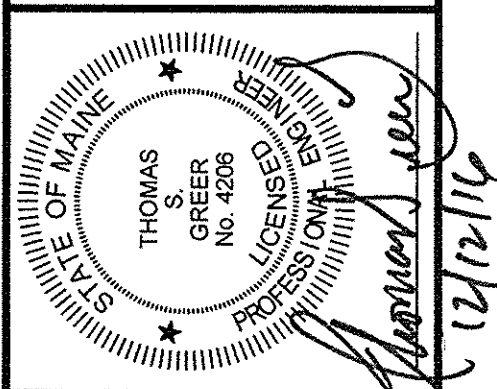
NOTES:

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

1 SCHEDULE OF SURFACE FINISHES

NOT TO SCALE

**PINKHAM & GREER**  
CIVIL ENGINEERS  
28 WINDHAM AVE. PORTLAND, ME. 04103  
TEL. 207.781.3502 FAX. 207.781.0245



REV.	DATE	DESCRIPTION
3	12/21/16	REVISED EQUIPMENT & BIKE RACK PAD DEPTH
2	9/14/16	REVISED PER CITY REVIEW COMMENTS
1	9/25/16	REVISED PER CITY REVIEW COMMENTS

NORTLAND ENTERPRISES, LLC  
17 SOUTH STREET  
PORTLAND, MAINE 04101

1945 CONGRESS STREET  
ELKS LODGE, PORTLAND, MAINE

C2.3

MAPILOT 216-A-8 & 217-A-1