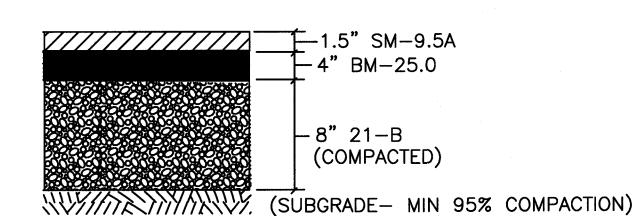
(SUBGRADE - MIN 95% COMPACTION) ARCHCREST DRIVE PAVEMENT SECTION



NO SCALE

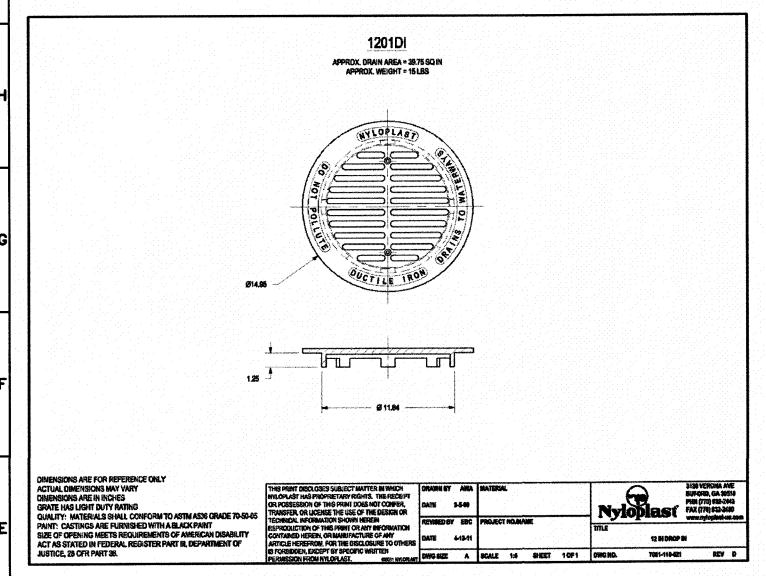
NOVER AVENUE PAVEMENT SECTION

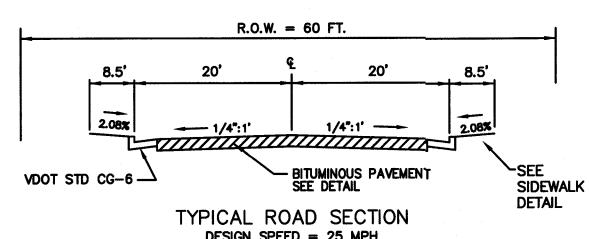
FOR AN EXCAVATED SUBGRADE; THE SUBGRADE AREA SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES FOR A DISTANCE OF 2 FEET BEYOND THE PROPOSED EDGES OF THE PAVEMENT ON EACH SIDE. SUBGRADE MATERIAL SHALL BE COMPACTED AT OPTIMUM MOISTURE (±20%) TO THE REQUIREMENTS SET FORTH BY SEC. 305.03 OF THE VDOT ROAD AND BRIDGE SPECIFICATIONS

FOR AN IMPORTED SUBGRADE; THE TOP 6 INCHES OF THE FINISHED SUBGRADE SHALL BE COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE PROVISIONS.

THE PRELIMINARY PAVEMENT DESIGNS SHOWN ARE BASED ON A PREDICTED SUBGRADE CBR VALUE OF 7.0 AND A RESILIENCY FACTOR (RF) OF 2.0 AS SHOWN IN APPENDIX I OF THE "2000 VIRGINIA DEPARTMENT OF TRANSPORTATION PAVEMENT DESIGN GUIDE FOR SUBDIVISION AND SECONDARY ROADS". THE SUBGRADE SOIL IS TO BE TESTED BY AN INDEPENDENT LABORATORY AND THE RESULTS SUBMITTED TO THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO BASE CONSTRUCTION. SHOULD THE SUBGRADE CBR VALUE AND/OR THE RF VALUE BE LESS THAN THE PREDICTED VALUES, VDOT MAY REQUIRE AN INCREASE IN THE STRUCTURE BASED ON THE ACTUAL RESULTS. REFER TO THE SAME MANUAL FOR THE NUMBER AND LOCATIONS OF THE REQUIRED SOIL SAMPLES TO BE TESTED. ALL PAVEMENT DESIGNS SHALL BE SUBMITTED TO THE DEPARTMENT FOR REVIEW AND APPROVAL

THE SUBGRADE SHALL BE APPROVED BY VDOT PRIOR TO PLACEMENT OF THE BASE. BASE SHALL BE APPROVED BY VDOT FOR DEPTH, TEMPLATE AND COMPACTION BEFORE SURFACE IS APPLIED. THE SUBBASE



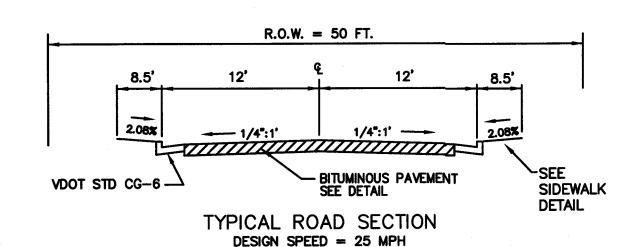


DESIGN SPEED = 25 MPH CBR TESTS AND FINAL PAVEMENT SPECIFICATIONS

APPROVAL PRIOR TO INSTALLATION ARCHCREST DRIVE SECTION

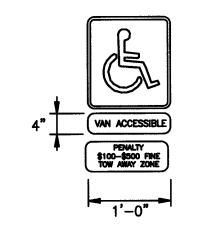
NO SCALE

TO BE PROVIDED TO THE DESIGN ENGINEER FOR



CBR TESTS AND FINAL PAVEMENT SPECIFICATIONS TO BE PROVIDED TO THE DESIGN ENGINEER FOR APPROVAL PRIOR TO INSTALLATION

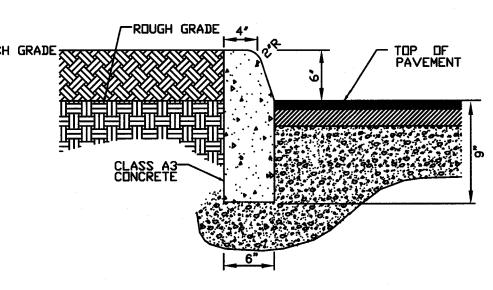
NOVER AVENUE SECTION NO SCALE



HANDICAP SIGN NOTES:

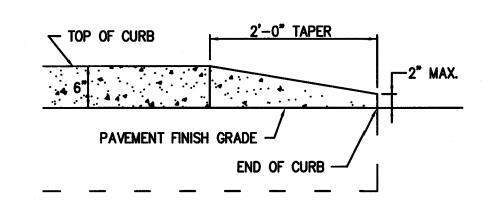
1. EACH SIGN SHALL BE POST MOUNTED 2. ALL SIGNS SHALL BE REFLECTORIZED 3. ALL SIGNS SHALL BE SECURELY MOUNTED TO A GALVANIZED STEEL CHANNEL POST. 4. ALL HANDICAP PARKING SPACE SIGNS SHALL HAVE THE BOTTOM EDGE OF THE SIGN NO LOWER THAN FOUR FEET NOR HIGHER THAN SEVEN FEET ABOVE THE PARKING SURFACE.

HANDICAP SIGN DETAIL

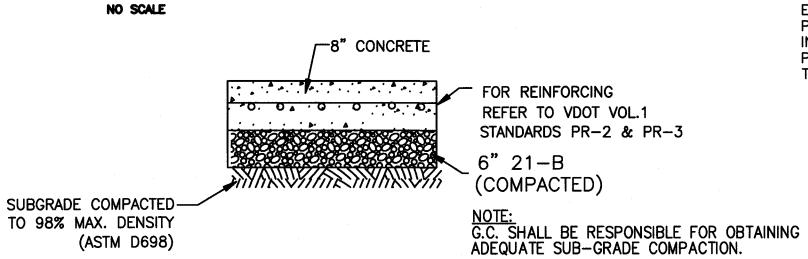


CG-2 DETAIL TYP.

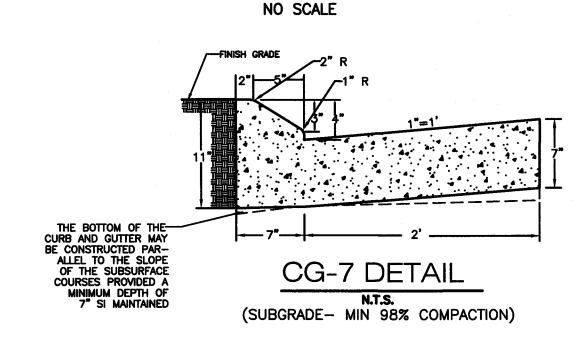
(SUBGRADE - MIN 95% COMPACTION)

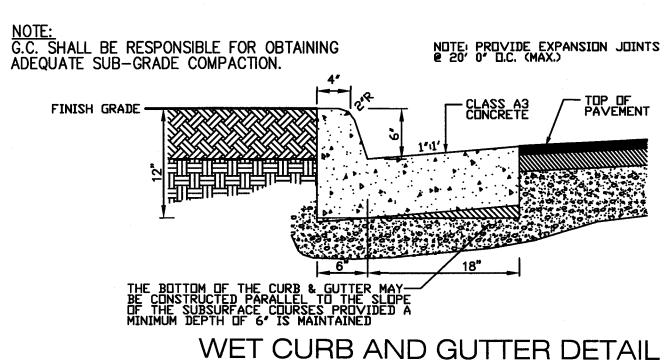


**CURB TAPER DETAIL - SECTION** 

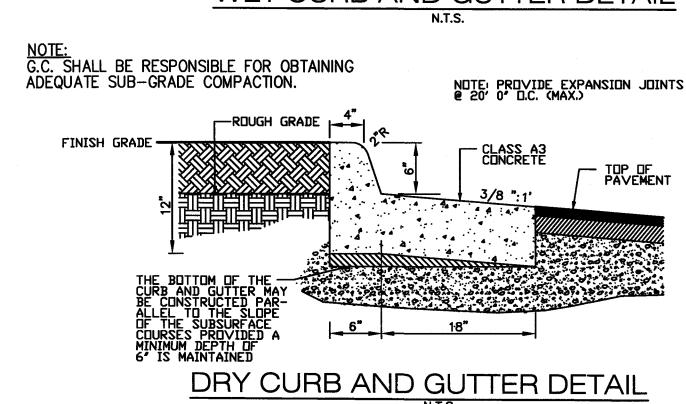


SECTION THROUGH DUMPSTER PAD





WET CURB AND GUTTER DETAIL



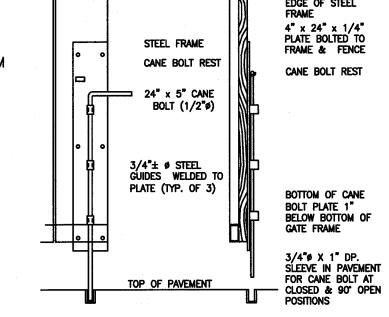
DUMPSTER NOTES:

1. GATE POST: 6" CONC. FILLED STEEL PIPE WITH 8"# x48" DEEP FOOTING 2. 1"# x2"L GALV. STEEL PIPE EMBEDDED IN CONC FOR FOOTBOLT © BOTH OPEN & CLOSED POSITIONS BOARD ON BOARD GATE -3. (2) 6" CONCRETE-FILLED STEEL PIPE BOLLARDS (BOARDS SHALL BE PAINTED TO MATCH BLOCK) / 18" x36" DEEP FOOTING FOR DUMPSTER STOP 4. 6" 3500 psi AIR-ENTRAINED CONCRETE SLAB ON GRADE W/ FIBERMESH REINFORCEMENT 5. FOOTING: 12" x2'-0" xCONT. CONC. FTG. W/ (2) #5's CONT. • BOTTOM . ENCLOSURE WALL: SEE ARCHITECTURAL PLANS - CONCRETE (NOTE: ALL LUMBER TO BE PRESSURE TREATED GATE POST: 6"# CONC. FILLED STEEL PIPE WITH 18"# x48" DEEP FOOTING **FRONT VIEW** 

**©** 11'-0"

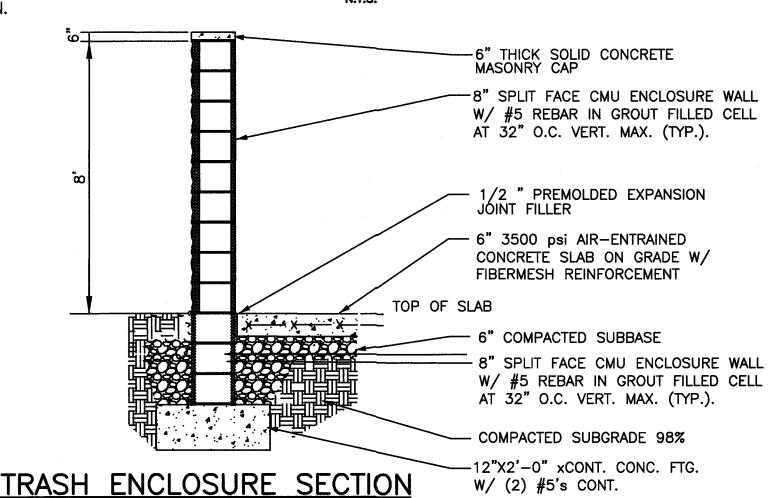
NOTE: 1.THE PROPOSED DUMPSTER ENCLOSURE SHALL BE A MINIMUM OF 1' HIGHER THAN THE DUMPSTER HEIGHT OR OTHER SIMILIAR RECEPTACLE. G.C. TO CONFIRM THE PROPOSED DUMPSTER DIMENSIONS BEING USED PRIOR TO ANY CONSTRUCTION OF THE ENCLOSURE

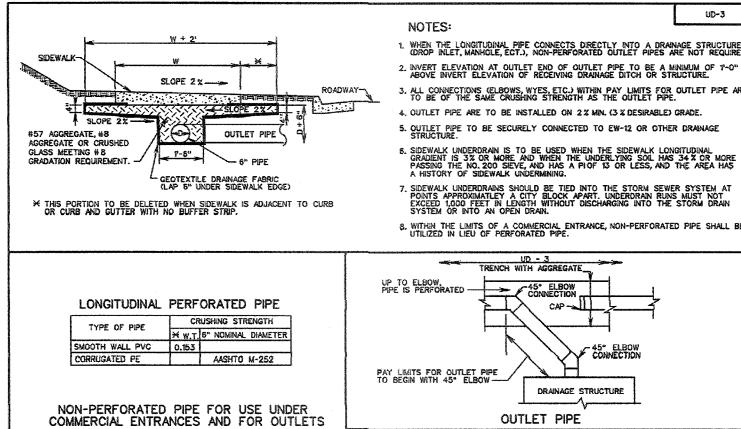
2. G.C. SHALL PROVIDE HEAVY DUTY HINGES AND A METAL FRAME AROUND EACH GATE TO ENSURE THAT THE PROPOSED GATE DOES NOT SAG AFTER INSTALLATION. THE FRAME SHALL BE PAINTED BLACK OR PAINTED TO MATCH THE PROPOSED GATE.



CANE BOLT (1 PER GATE)

## TRASH ENCLOSURE GATE DETAILS





TYPE OF PIPE

CRUSHING STRENGTH

X W.T. 6" NOMINAL DIAMETER

SMOOTH WALL PVC 0.153

SMOOTH WALL PE 70 PSI X X X

\* WALL THICKNESS (MIN) - INCHES

OUTLET PIPE COMMERCIAL ENTRANCE SIDEWALK OR UNPAVED SPACE PERFORATED UNDERDRAIN \*\* TESTED ACCORDING TO ASTM D-2412 AT 5% DEFLECTION. **VOOT** STANDARD SIDEWALK UNDERDRAIN ROAD AND BRIDGE STANDARDS REVISION DATE SHEET 1 OF 1 VIRGINIA DEPARTMENT OF TRANSPORTATION 108.03

REFLECTING TOMORROY

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New River Valley **Shenandoah Valley** 

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Roanoke, VA 24018 540-772-9580 FAX 540-772-8050

CHRISTOPHER P. BURNS Lic. No.047338 12/15/14

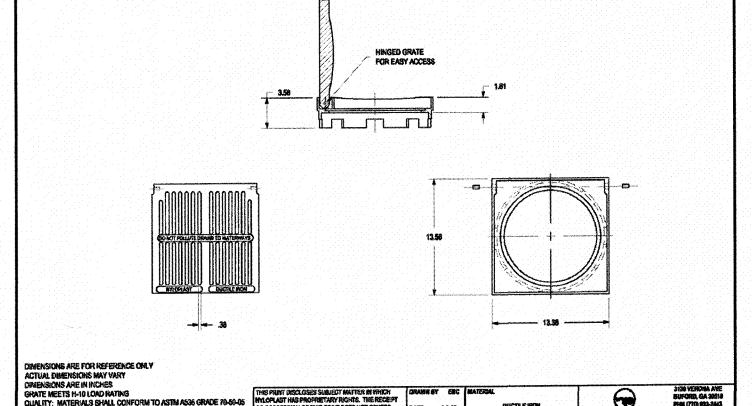
COMMUNITY SUNCREST

DRAWN BY DESIGNED BY BTC CHECKED BY <u>CPB</u> DATE <u>05/24/2010</u>

SCALE **REVISIONS:** 08/13/2010 10/15/2010

12/10/2010 02/06/2012 10/18/2012 02/14/2013 02/27/2013

04/24/2013 08/30/2013 P.R. #2 12/15/2014 P.R. #4 SHEET NO.



1299CGP APPROX. DRAIN AREA = 60.60 SQ IN PPROX. WEIGHT WITH FRAME = 35.04

