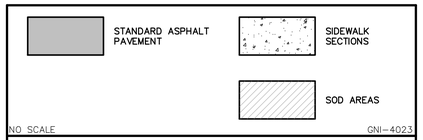
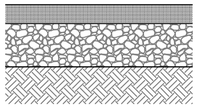


NO SCALE GNI-4023

HATCH LEGEND

STANDARD PAVEMENT



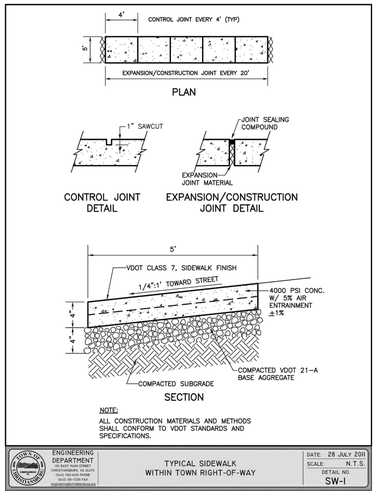
2" V.D.O.T. SM-9.5A ASPHALT SURFACE COURSE

8" V.D.O.T. 21B AGGREGATE BASE

WELL-COMPACTED SUBGRADE

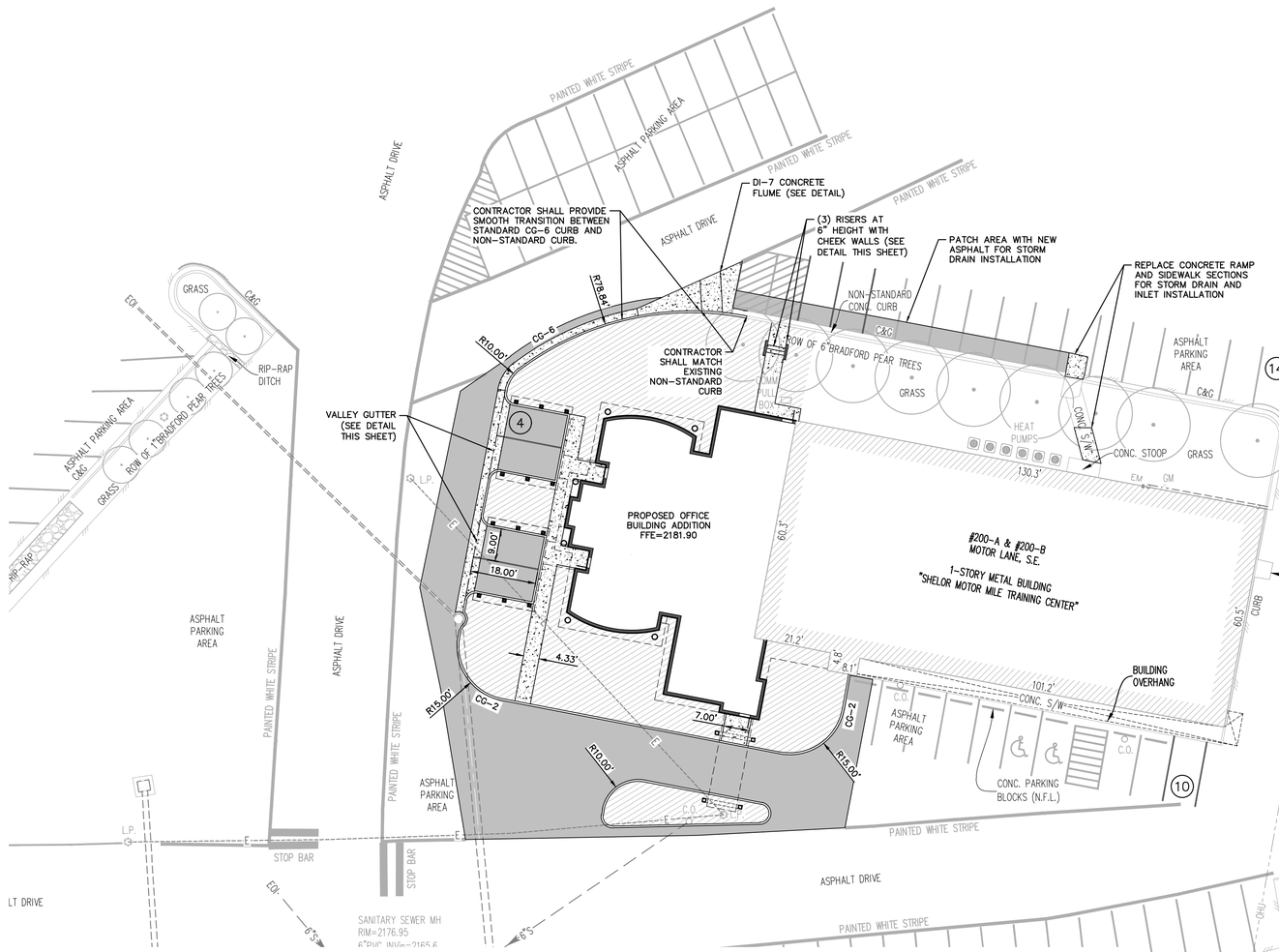
NO SCALE GNI-4006

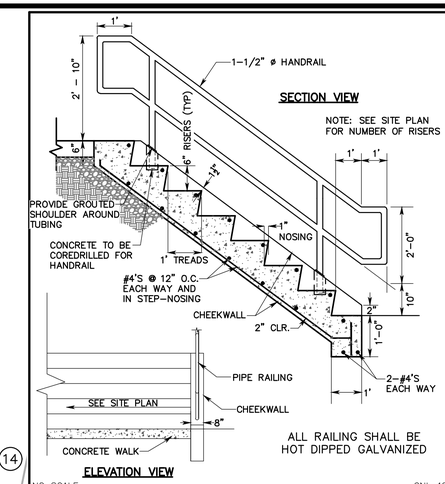
TYPICAL PAVEMENT SECTION



NOTE:
ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO VDOT STANDARDS AND SPECIFICATIONS.

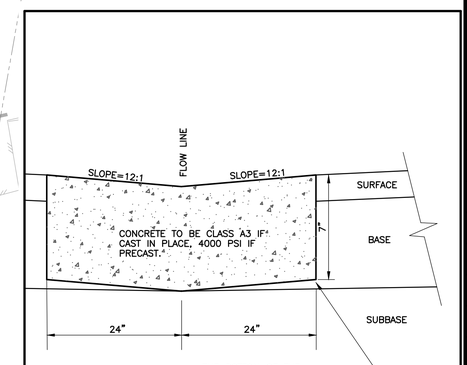
ENGINEERING DEPARTMENT	TYPICAL SIDEWALK WITHIN TOWN RIGHT-OF-WAY	DATE: 28 JULY 2011 SCALE: N.T.S. DETAIL NO. SW-1





NO SCALE GNI-4210

CONC. STAIRS w/ HANDRAIL & CHEEKWALL



NO SCALE GNI-4104

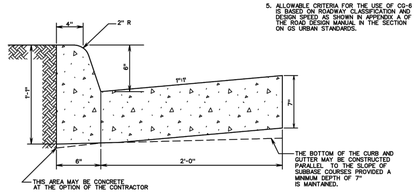
MODIFIED VALLEY-GUTTER

2016 ROAD & BRIDGE STANDARDS

CG-6

NOTES:

1. THIS ITEM MAY BE PRECAST OR CAST IN PLACE.
2. CONCRETE TO BE CLASS A3 IF CAST IN PLACE, 4000 PSI IF PRECAST.
3. COMBINATION CURB & GUTTER HAVING A RADIUS OF 300 FEET OR LESS (ALONG FACE OF CURB) WILL BE PAD FOR AS RADIAL COMBINATION CURB & GUTTER.
4. FOR USE WITH STABILIZED OPEN-GRADED DRAINAGE LAYER. THE BOTTOM OF THE CURB & GUTTER MAY BE CONSTRUCTED PARALLEL TO THE SLOPE OF SUBBASE COURSES AND TO THE DEPTH OF THE PAVEMENT.
5. ALLOWABLE CRITERIA FOR THE USE OF CG-6 IS BASED ON ROADWAY CLASSIFICATION AND DESIGN SPEED, AS SHOWN IN APPENDIX A OF THE ROAD DESIGN MANUAL, IN THE SECTION ON GS URBAN STANDARDS.



SPECIFICATION REFERENCE	COMBINATION 6" CURB AND GUTTER	VDOT ROAD AND BRIDGE STANDARDS
105 502	VIRGINIA DEPARTMENT OF TRANSPORTATION	REVISION DATE 2010.03 / SHEET 1 OF 1

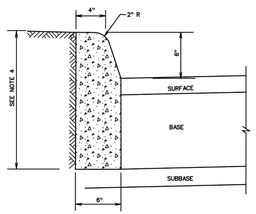
2016 ROAD & BRIDGE STANDARDS

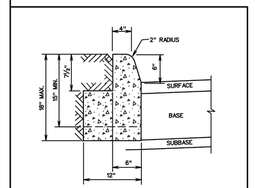
2016 ROAD & BRIDGE STANDARDS

CG-2

NOTES:

1. THIS ITEM MAY BE PRECAST OR CAST IN PLACE.
2. CONCRETE TO BE CLASS A3 IF CAST IN PLACE, 4000 PSI IF PRECAST.
3. CURB HAVING A RADIUS OF 300 FEET OR LESS (ALONG FACE OF CURB) WILL BE PAD FOR AS RADIAL CURB.
4. THE DEPTH OF CURB MAY BE REDUCED AS MUCH AS 3" (3") DEPTH OR INCREASED AS MUCH AS 3" (2") DEPTHS IN ORDER THAT THE BOTTOM OF CURB WILL COINCIDE WITH THE TOP OF A COURSE OF THE PAVEMENT SUBSTRUCTURE. WHEN THE DEPTH OF CURB IS REDUCED (SHOWN), NO ADJUSTMENT OF THE PRICE BID IS TO BE MADE FOR A DECREASE OR AN INCREASE IN DEPTH.
5. CG-2 IS TO BE USED ON ROADWAYS MEETING THE REQUIREMENTS FOR CG-2 AS SHOWN IN APPENDIX A OF THE VDOT ROAD DESIGN MANUAL, IN THE SECTION ON GS URBAN STANDARDS.





ACCEPTABLE ALTERNATIVE IF CURB IS EXTRUDED

SPECIFICATION REFERENCE	STANDARD 6" CURB	VDOT ROAD AND BRIDGE STANDARDS
105 502	VIRGINIA DEPARTMENT OF TRANSPORTATION	REVISION DATE 2001.01 / SHEET 1 OF 1

2016 ROAD & BRIDGE STANDARDS

VIRGINIA STATE GRID NORTH (SOUTH ZONE, NAD 83 (NA2011) EPOCH 2010.00)

20 0 20 40
GRAPHIC SCALE FEET

CONTOUR INTERVAL = 1 FT.

APPROVED: Engineering Date

APPROVED: Planning Date

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SHELOR EXECUTIVE OFFICE RENOVATIONS AND ADDITION 200-A & 200-B MOTOR LANE S.E.

TOWN OF CHRISTIANSBURG, VIRGINIA

COMMONWEALTH OF VIRGINIA
JOHN T. NEEL
Lic. No. 035780
9/11/2020
PROFESSIONAL ENGINEER

REVISIONS		
NO.	COMMENTS	DATE

PROJECT TEAM	
PIC	JOHN T. NEEL, PE
PM	MATTHEW P. TOMLINSON, PE
DESIGN	STC/MBL/EMQ

ISSUE DATE
09/01/2020

GNI JOB NO.
3097

SHEET TITLE
SITE LAYOUT AND DIMENSION PLAN

SHEET NUMBER
C2-01

X:\Drawings\3097\ENGINEERING\Design\Plans\Sheets\3097_Sht_C2_Site Layout Plan.dwg
C2-01 SITE LAYOUT AND DIMENSION PLAN, 08/01/2020 9:04:41 AM, Mlester, DWG To PDF.pc3, 1:1