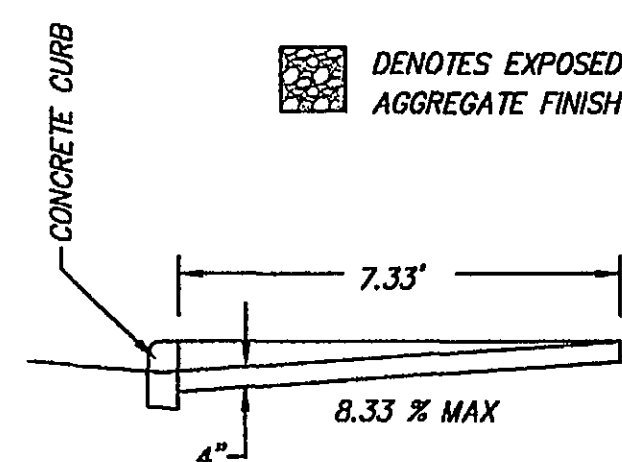
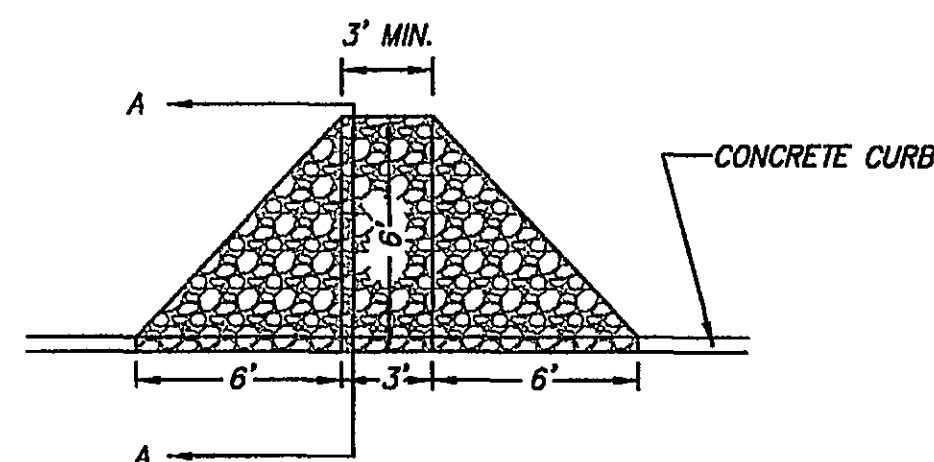


REFER TO VDOT SPECIFICATIONS FOR INDIVIDUAL PAVEMENT COURSES SHOWN HEREON

**A BITUMINOUS PAVEMENT DETAIL**  
C1.7 NO SCALE

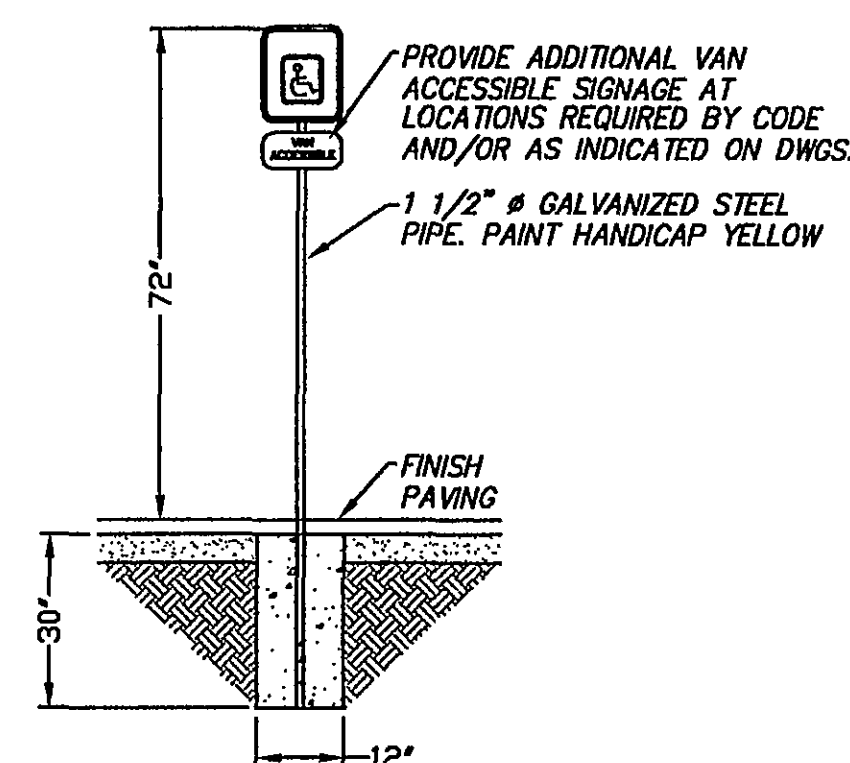


**SECTION A-A**

#### NOTES:

- CURB RAMP TO BE VDOT STD. CLASS A-3 CONCRETE WITH EXPOSED AGGREGATE FINISH.
- RAMP SHALL NOT EXCEED A MAXIMUM SLOPE OF 12H:1V

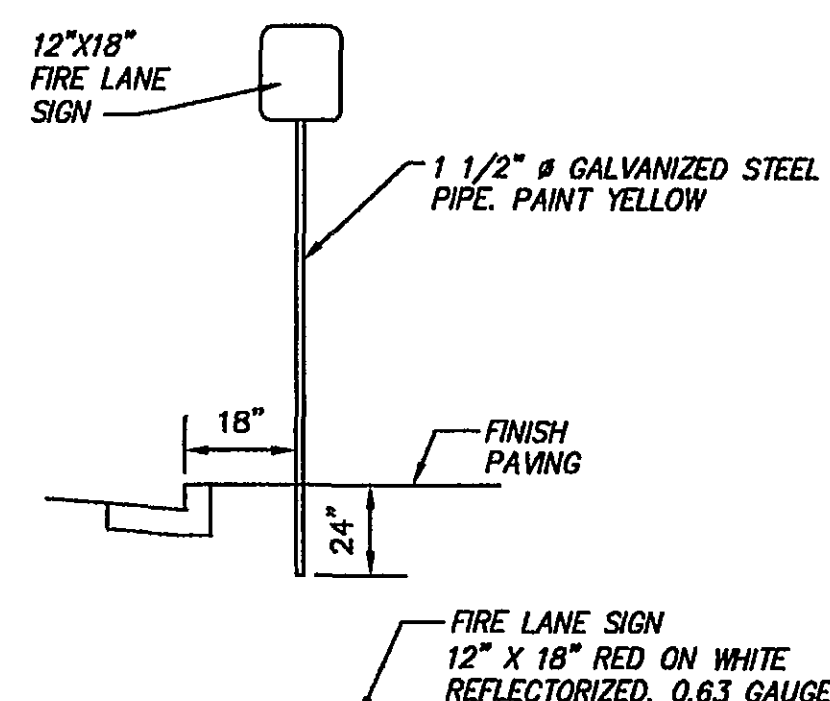
**B CONCRETE RAMP DETAIL**  
C1.7 NO SCALE



#### NOTES:

- ALL SIGNS SHOWN SHALL BE REFLECTORIZED TO SHOW THE SAME COLOR BY DAY.
- ALL SIGNS SHALL BE SECURELY MOUNTED ON GALVANIZED STEEL CHANNEL POSTS.
- INSTALL QUANTITY AND AT LOCATIONS REQUIRED BY CODE AND/OR AS INDICATED ON DRAWINGS. CONFIRM ALL HANDICAPPED SIGNAGE CODES

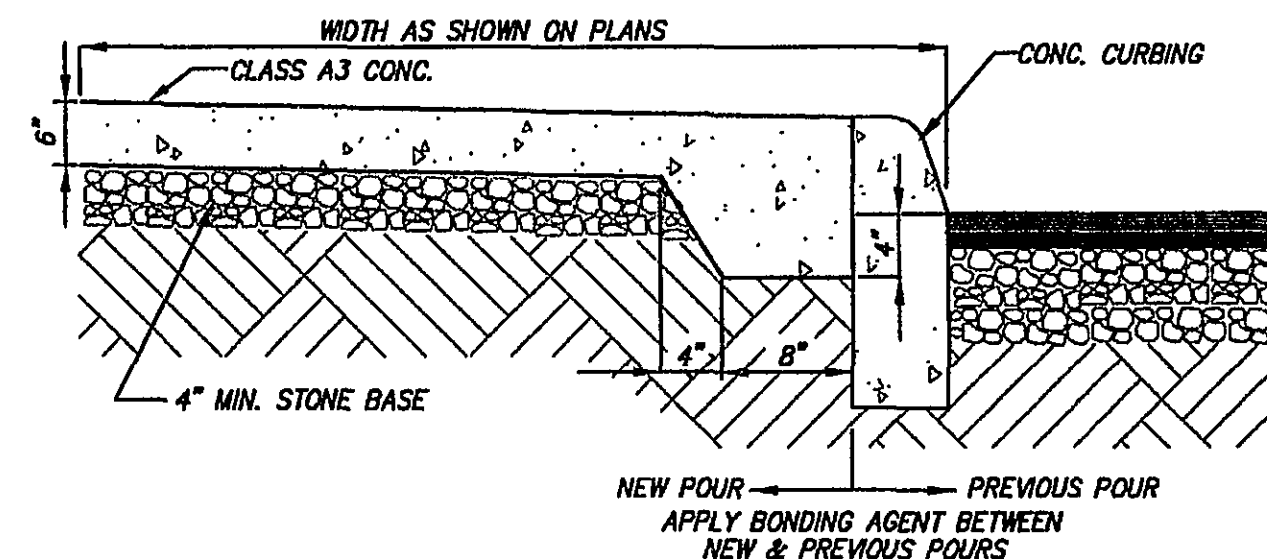
**C HANDICAP SIGN DETAIL**  
C1.7 NO SCALE



#### NOTES:

- ALL SIGNS SHOWN SHALL BE REFLECTORIZED TO SHOW THE SAME COLOR BY DAY.
- ALL SIGNS SHALL BE SECURELY MOUNTED ON GALVANIZED STEEL CHANNEL POSTS.
- INSTALL QUANTITY AND AT LOCATIONS REQUIRED BY CODE AND/OR AS INDICATED ON DRAWINGS. CONFIRM ALL FIRE LANE SIGNAGE CODES

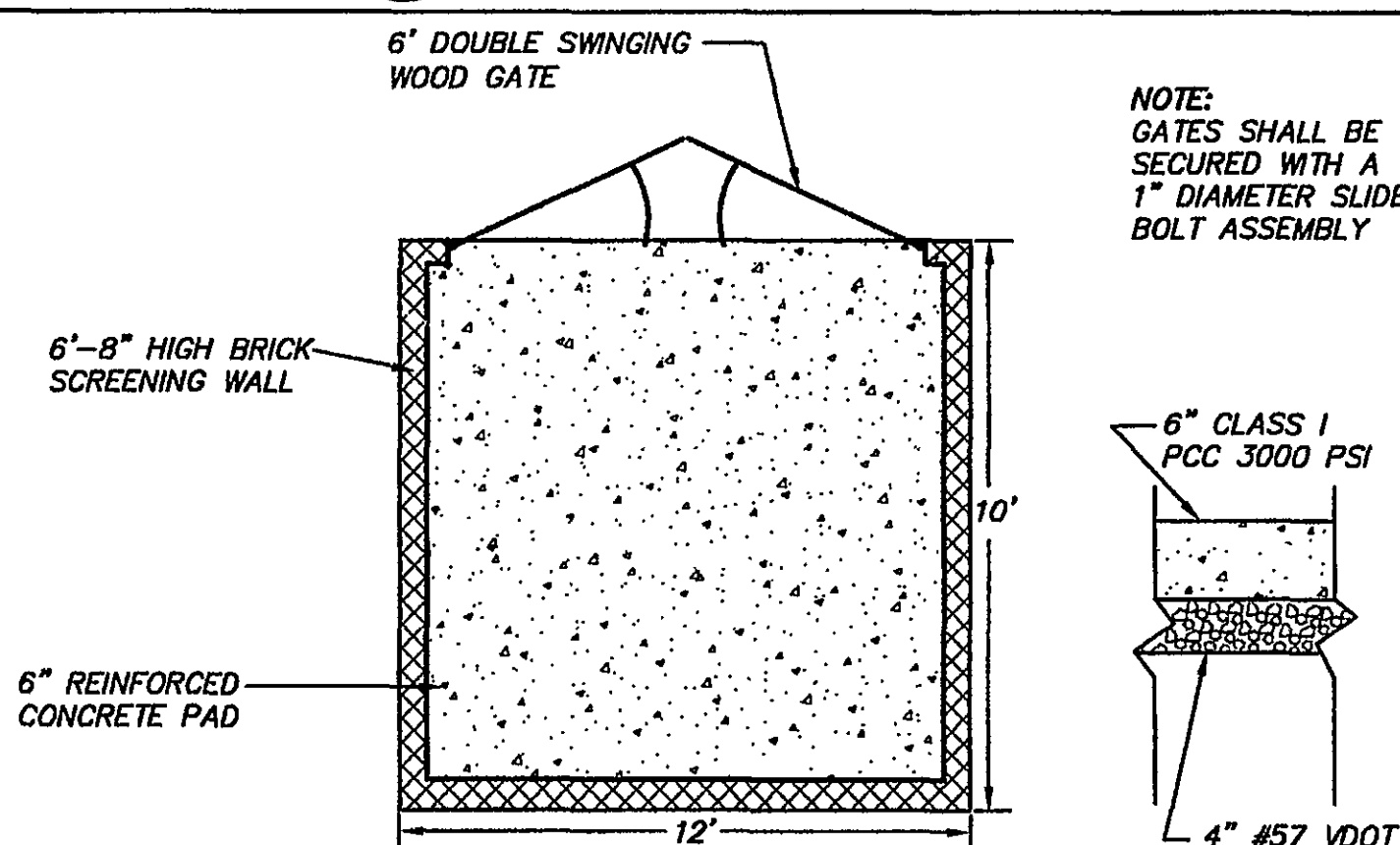
**L FIRE LANE SIGN DETAIL**  
C1.7 NO SCALE



NEW CONCRETE SIDEWALK MAY BE POURED SEPARATELY FROM NEW CONCRETE CURBING (OR CURB AND GUTTER), OR MAY BE POURED MONOLITHICALLY, AT THE CONTRACTOR'S DISCRETION. IF POURED SEPARATELY, A PRE-MOLDED EXPANSION JOINT SHALL BE PLACED BETWEEN THE SIDEWALK AND THE CURBING. THIS EXPANSION JOINT SHALL EXTEND THE FULL DEPTH OF THE SIDEWALK.

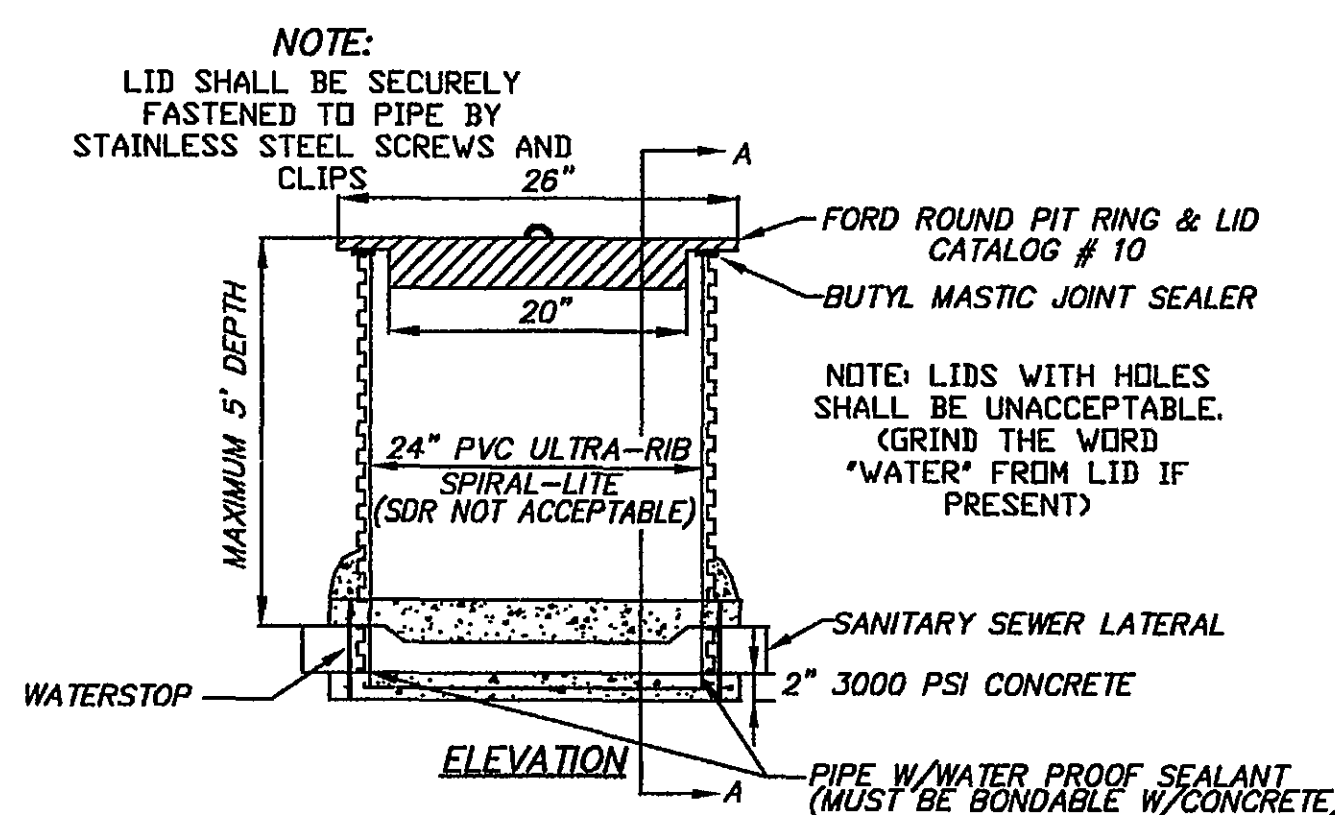
THE COLOR AND FINISH OF THE NEW SIDEWALK SHALL MATCH THAT OF THE EXISTING SIDEWALK

**D CONCRETE SIDEWALK**  
C1.7 NO SCALE



NOTE: GATES SHALL BE SECURED WITH A 1" DIAMETER SLIDE BOLT ASSEMBLY

**E DUMPSTER PAD DETAIL**  
C1.7 NO SCALE

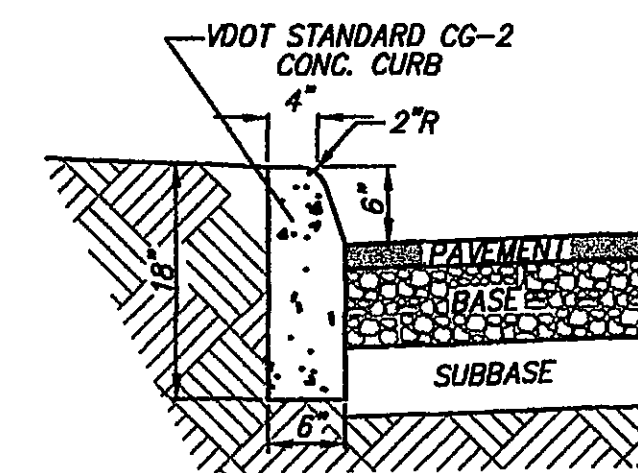


SAW-CUT "DOGHOUSE" TO FIT OVER PIPE W/WATER PROOF SEALANT

#### NOTES:

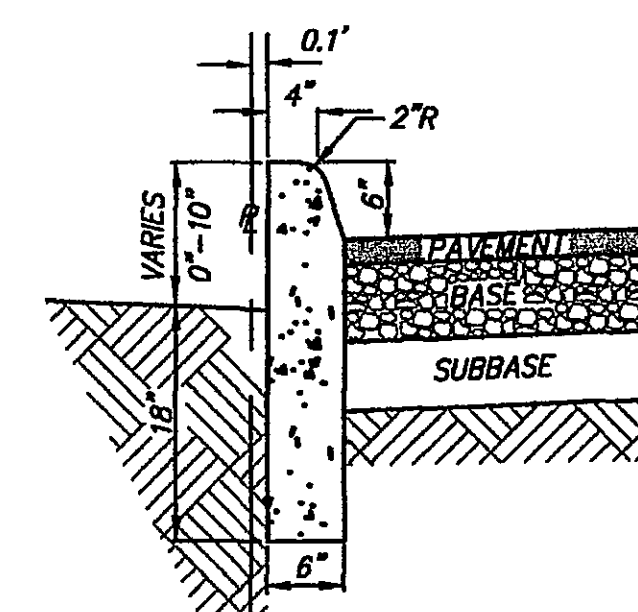
- NOT ACCEPTABLE FOR USE IN TRAFFIC AREAS OR AREAS SUBJECT TO FLOODING.
- VACUUM OR EXFILTRATION TESTING SHALL BE USED. VACUUM TESTING SHALL MEET THE SAME STANDARD FOR CONCRETE MANHOLES. EXFILTRATION TESTING SHALL HAVE NO LEAKAGE WITHIN 1 HOUR.
- "AquaBlok" WASTEWATER ACCESS CHAMBERS MAY BE SUBSTITUTED FOR ULTRA-RIB PIPE. ANY VERT. JOINTS IN THE CASING PIPE MUST BE BY BELL & SPIGOT CONNECTION WITH MASTIC.
- 2" DIA. CONCRETE WELL CASING 3000 PSI MAY BE SUBSTITUTED FOR ULTRA-RIB PIPE.

**F SAMPLING STRUCTURE DETAIL**  
C1.7 NO SCALE



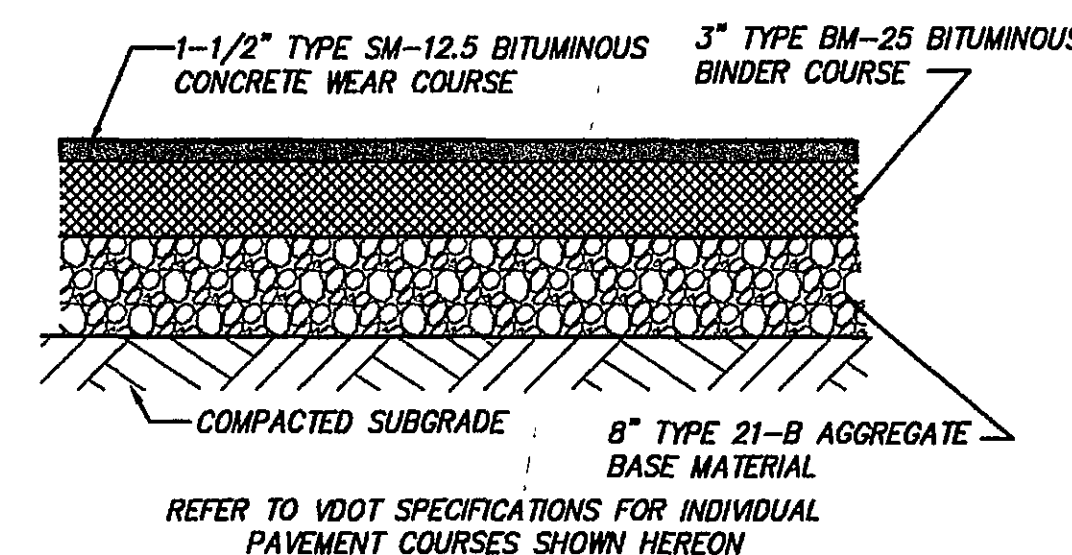
CG-2 IS DESIGN FOR SPEEDS OF 45 M.P.H. OR LESS. USE CLASS A3 CONCRETE IF CAST IN PLACE OR 4000 P.S.I. CONCRETE FOR PRECAST.

**G CONCRETE CURB**  
C1.7 NO SCALE

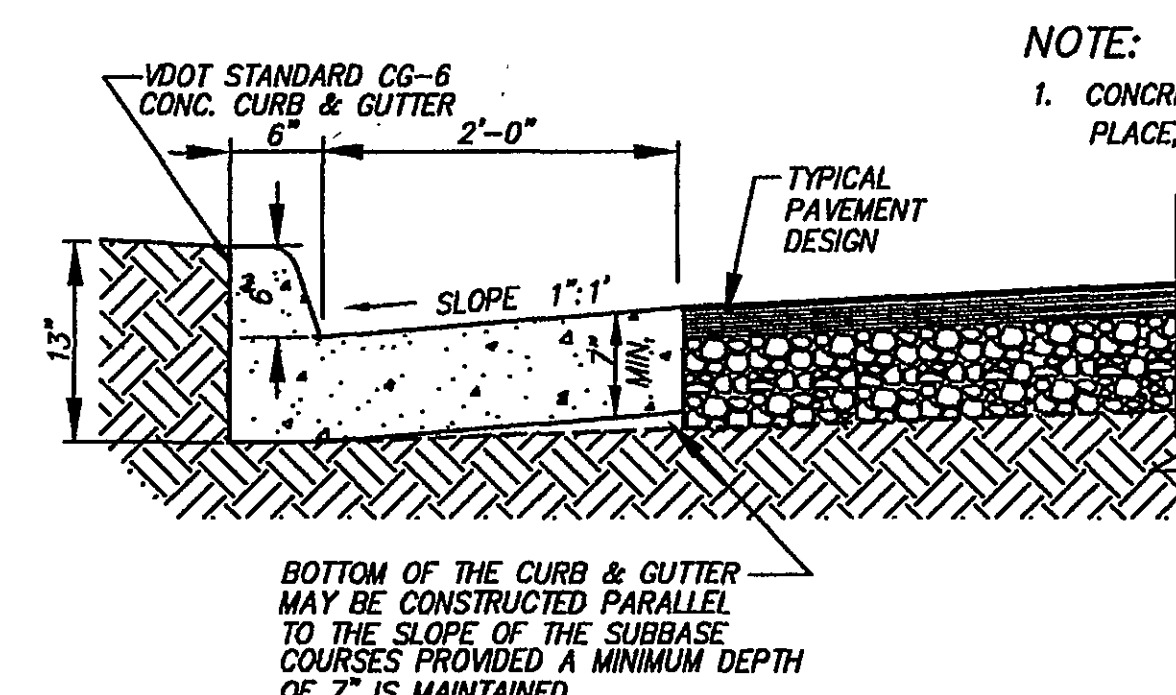


USE CLASS A3 CONCRETE IF CAST IN PLACE OR 4000 P.S.I. CONCRETE FOR PRECAST. CONCRETE FINISH OF ALL EXPOSED CONCRETE SHALL MATCH.

**H MODIFIED CONCRETE CURB**  
C1.7 NO SCALE



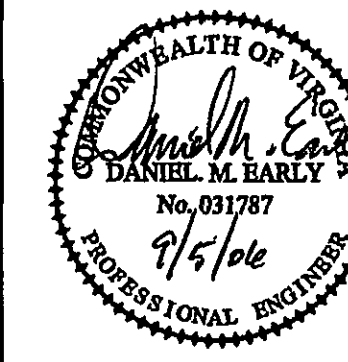
**I HEAVY DUTY BITUMINOUS PAVEMENT DETAIL**  
C1.7 NO SCALE



#### NOTE:

- CONCRETE TO BE CLASS A3 IF CAST IN PLACE, 4000 PSI IF PRECAST.

**J CONCRETE CURB AND GUTTER DETAIL**  
C1.7 NO SCALE



**ACS DESIGN**

Engineering-Planning-Surveying  
Construction Management

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Email: info@acsdesignllc.com  
www.acsdesignllc.com

VISTAR EYE CENTER  
SITE PLAN  
ROANOKE COUNTY, VIRGINIA

DRAWN BY: KAL

DESIGNED BY: KAL

CHECKED BY: DME

DATE: 03/28/2006

SCALE: 1"=20'

#### REVISIONS

REVISION	DATE	DESCRIPTION
1	08/05	AMENDED SITE PLAN

SHEET No.

**C1.7**

CONSTRUCTION DETAILS

JOB No. 06005