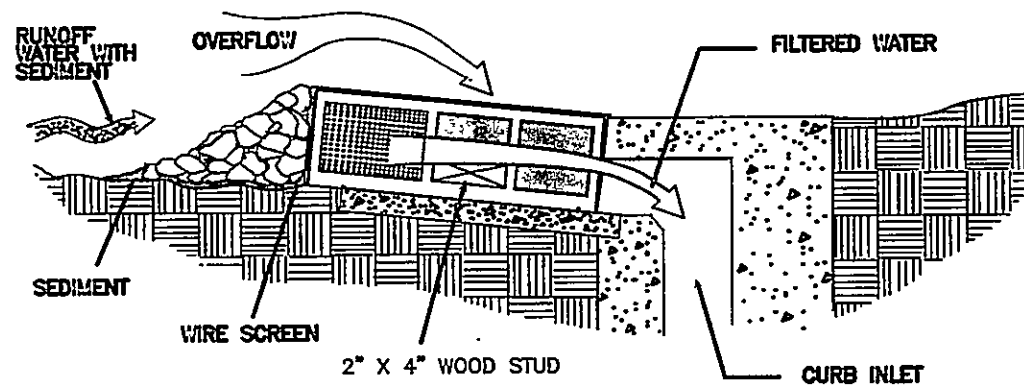
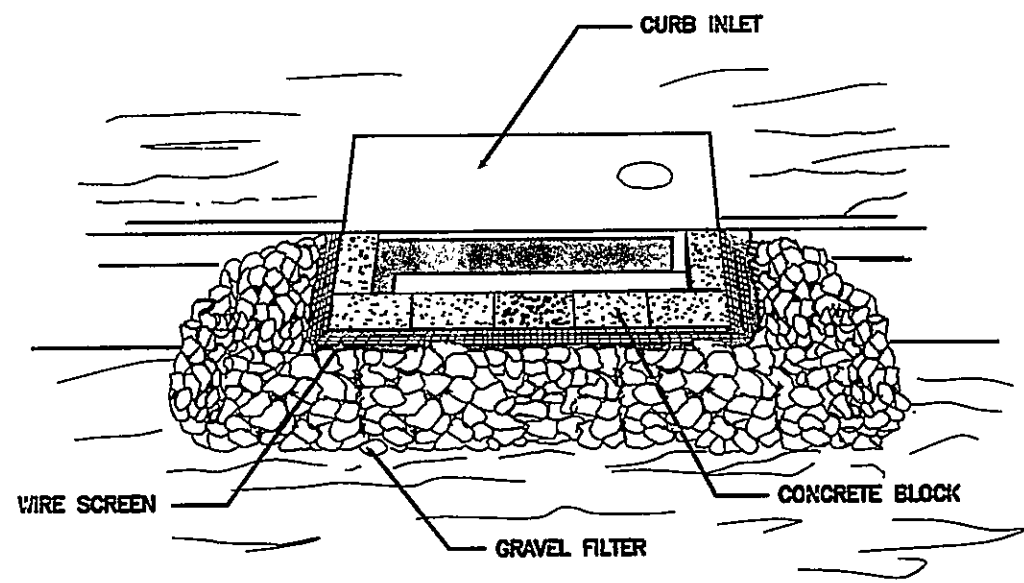




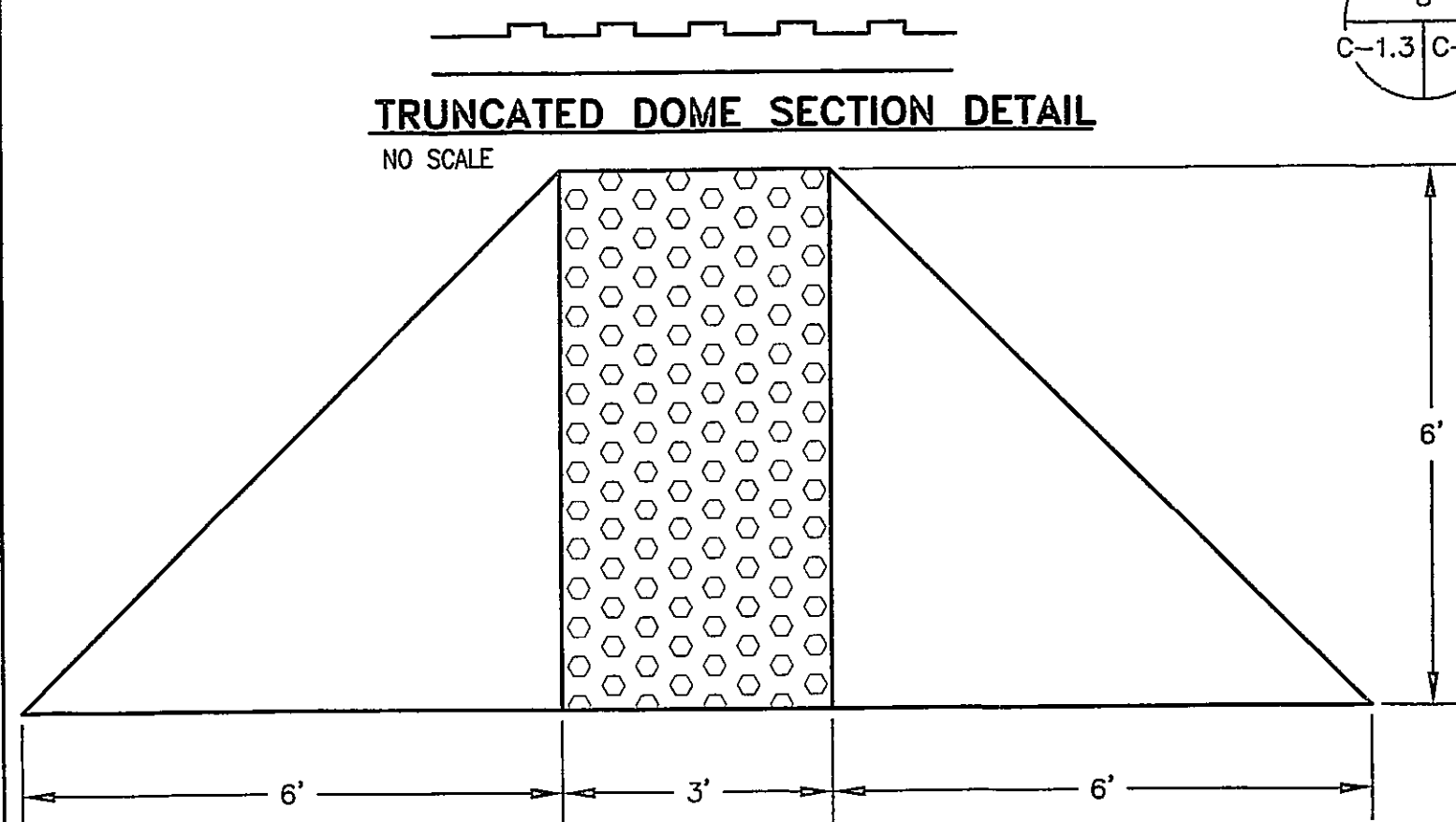
SPECIAL APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

• GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE
PLATE 3.07-8

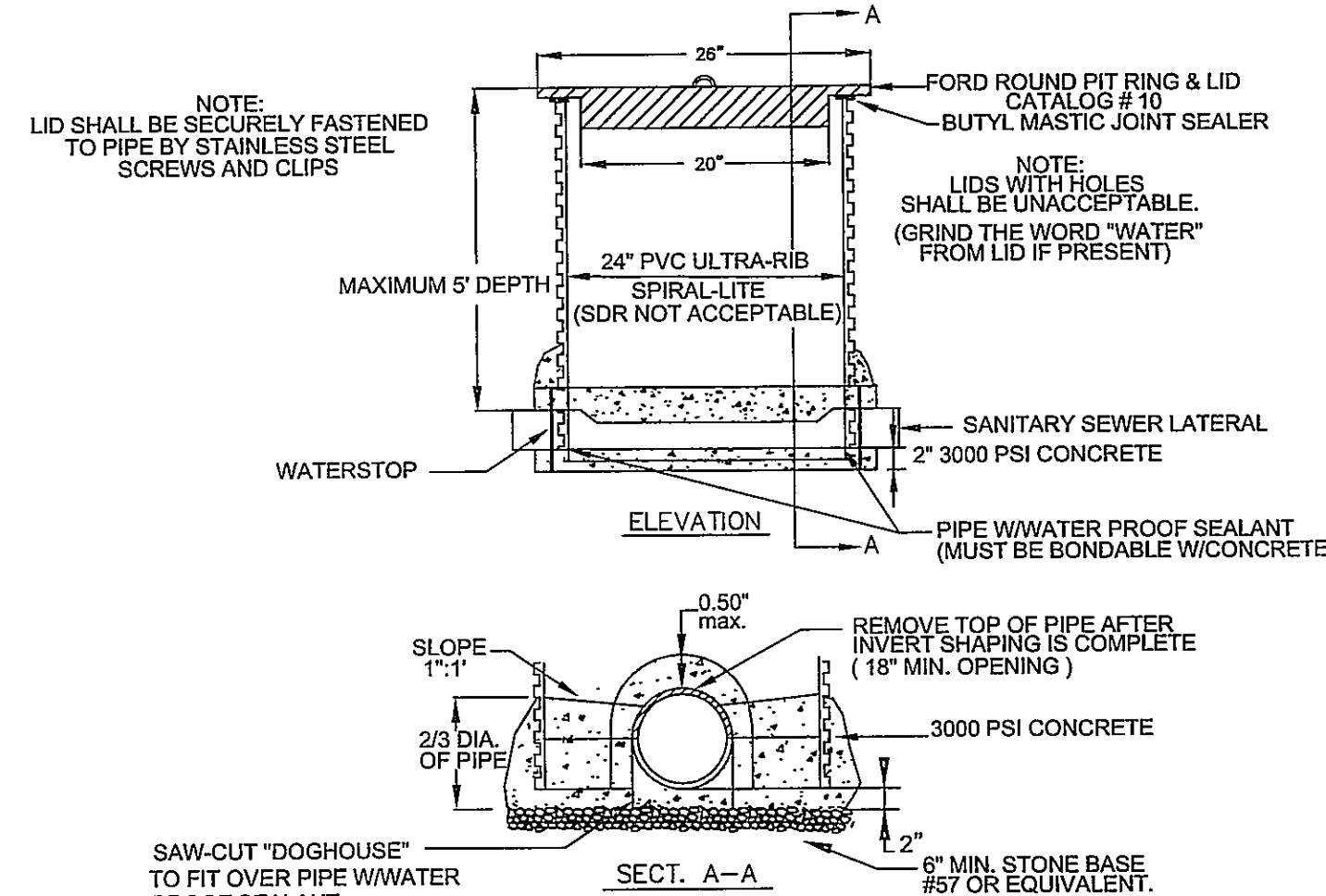
10 CURB INLET PROTECTION DETAIL

C-1.3 C-5.1 NO SCALE



9 H/C RAMP DETAIL

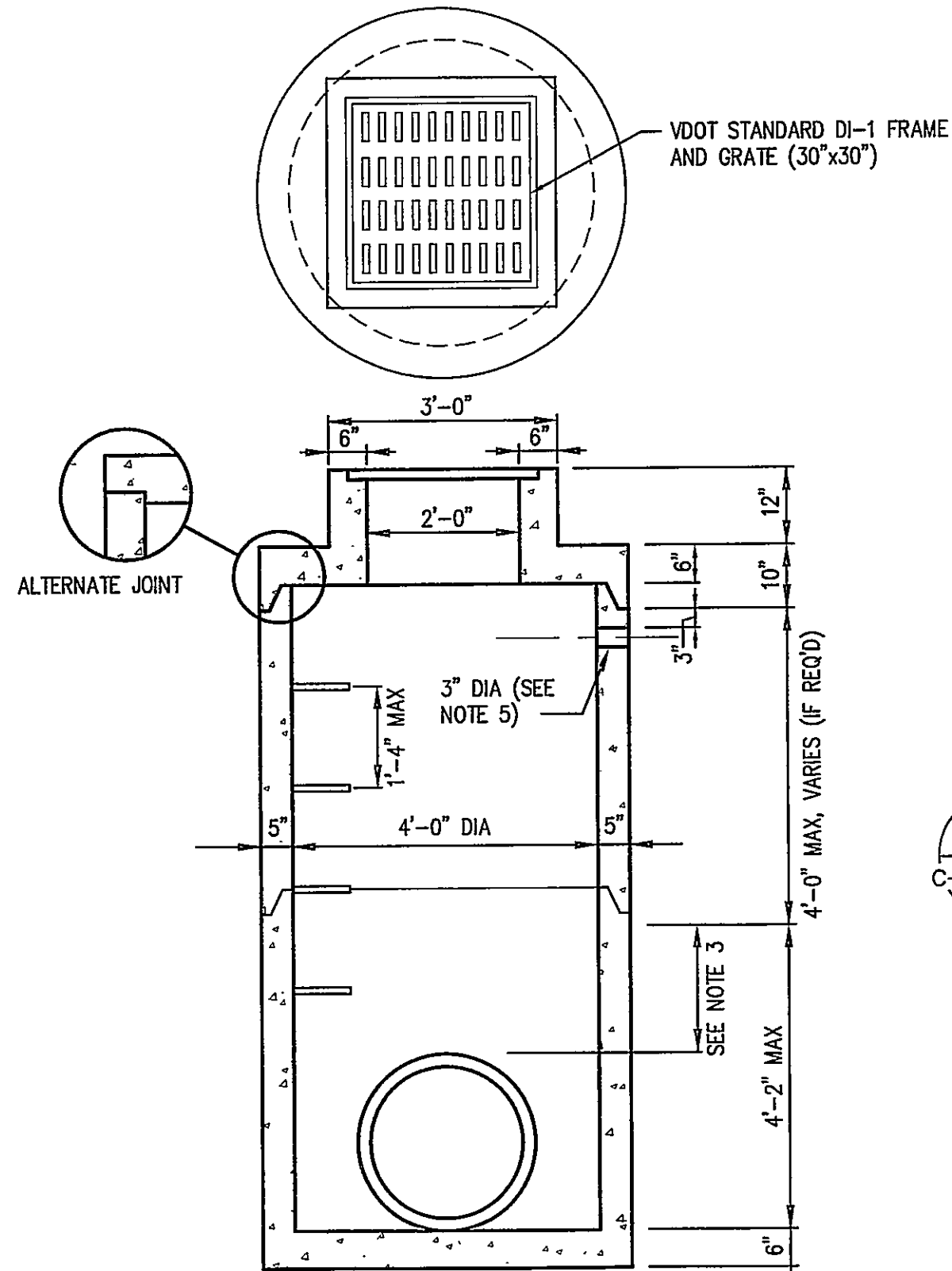
C-1.2 C-5.1 NO SCALE



- 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.
 - "Aquablock" WASTEWATER ACCESS CHAMBERS MAY BE SUBSTITUTED. TRAFFIC BEARING BOXES WOULD BE REQUIRED IF INSTALLED IN TRAFFIC AREAS. TESTING OF "Aquablock" SHALL BE BY APPLICABLE PLUMBING CODE FOR SEWER LATERALS.
 - 2' DIA. CONCRETE WELL CASING 3000 PSI MAY BE SUBSTITUTED FOR ULTRA-RIG PIPE. ANY VERT. JOINTS IN THE CASING PIPE MUST BE BY BELL & SPIGOT CONNECTION WITH MASTIC.

11 WVWA SAMPLING STRUCTURE

C-1.2 C-5.1 NO SCALE

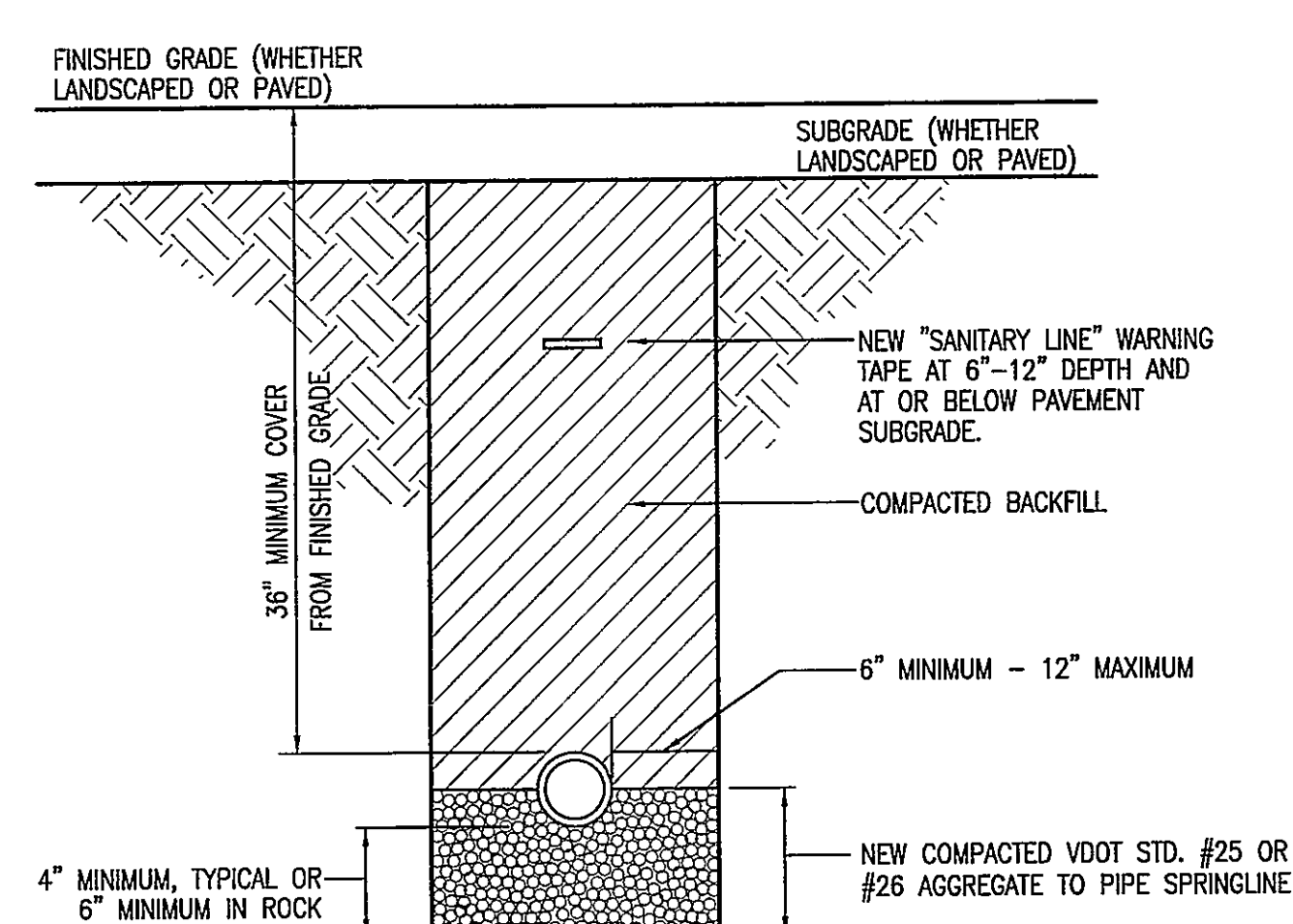
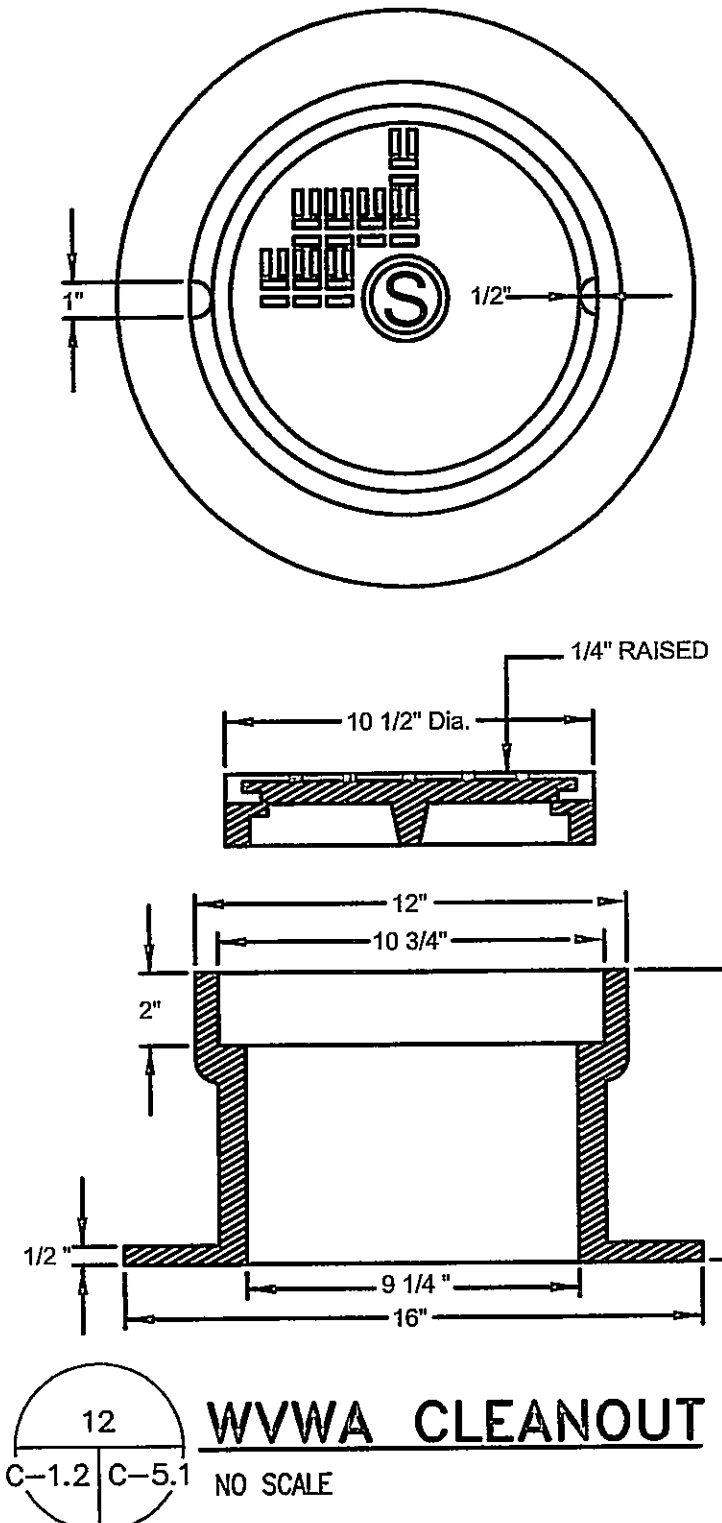


8 MODIFIED 48" DIA DI-1 DROP INLET

C-1.3 C-5.1 NO SCALE

- NOTES:
- 4000 PSI CONCRETE.
 - MANHOLE SHALL MEET ASTM C478.
 - WHEN LESS THAN 6", THERE IS CONTINUOUS CIRCUMFERENTIAL REINFORCING STEEL ABOVE PIPE OPENING.
 - REFER TO CONTRACT DOCUMENTS FOR PIPE SIZES, LOCATIONS, AND ELEVATIONS.
 - 3" DIA WEEP HOLE TO BE PROVIDED IN FIRST RISER SECTION WHEN SUBSURFACE DRAINAGE IS REQUIRED.
 - REINFORCING STEEL PER ASTM C478; AASHTO M-199, VDOT STANDARD FOR SPACING AND LOCATION.
 - STRUCTURE HAS BEEN APPROVED FOR H-20 LOADING.

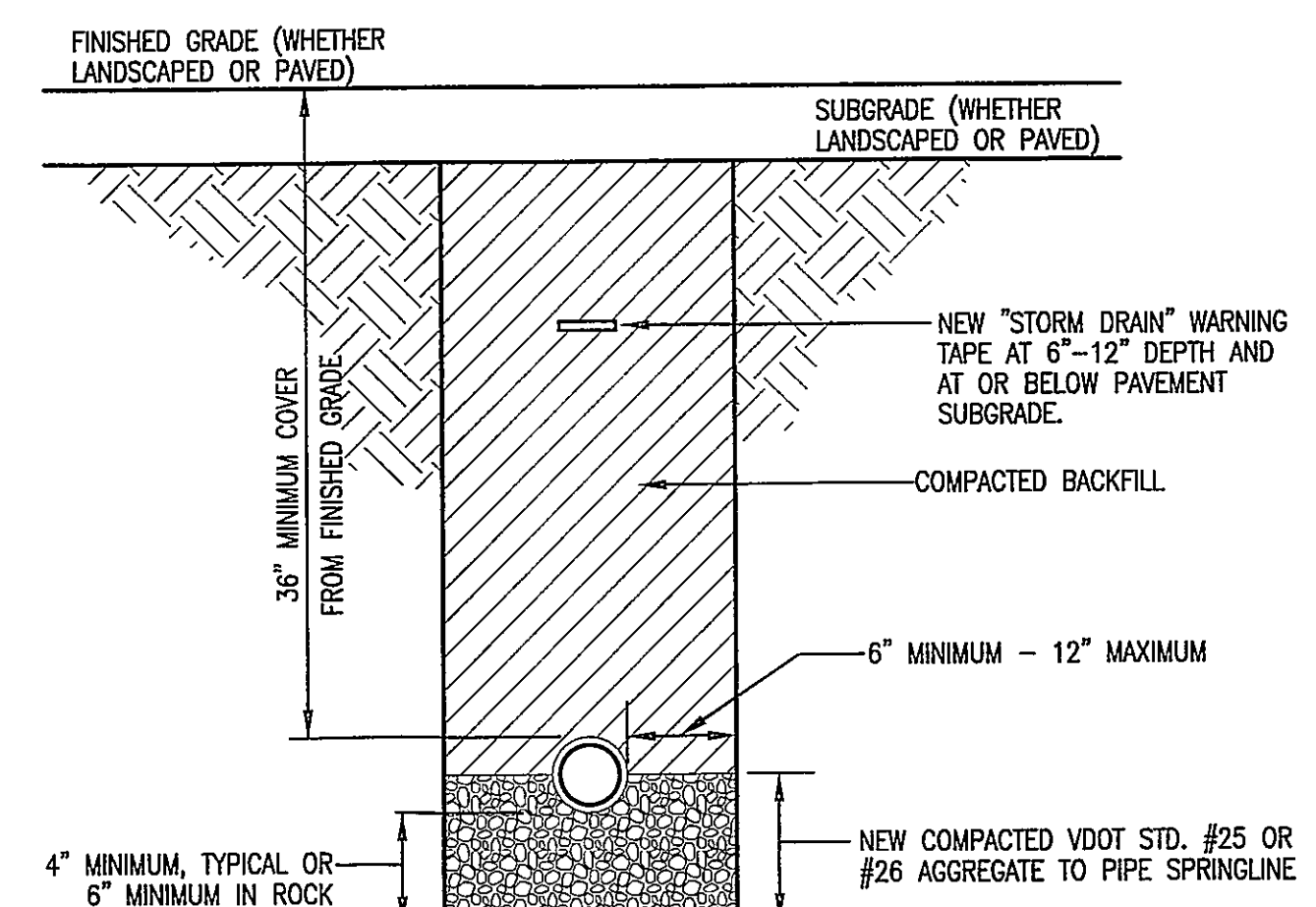
- NOTES:
- A MINIMUM CLEARANCE OF 4 INCHES IS REQUIRED BETWEEN CLEANOUT CAP AND TOP OF COVER.
 - CAPITOL FOUNDRY FRAME AND COVER ITEM # VB-9'S



5 NEW SANITARY LINE TRENCH SECTION

C-1.2 C-5.1 NO SCALE

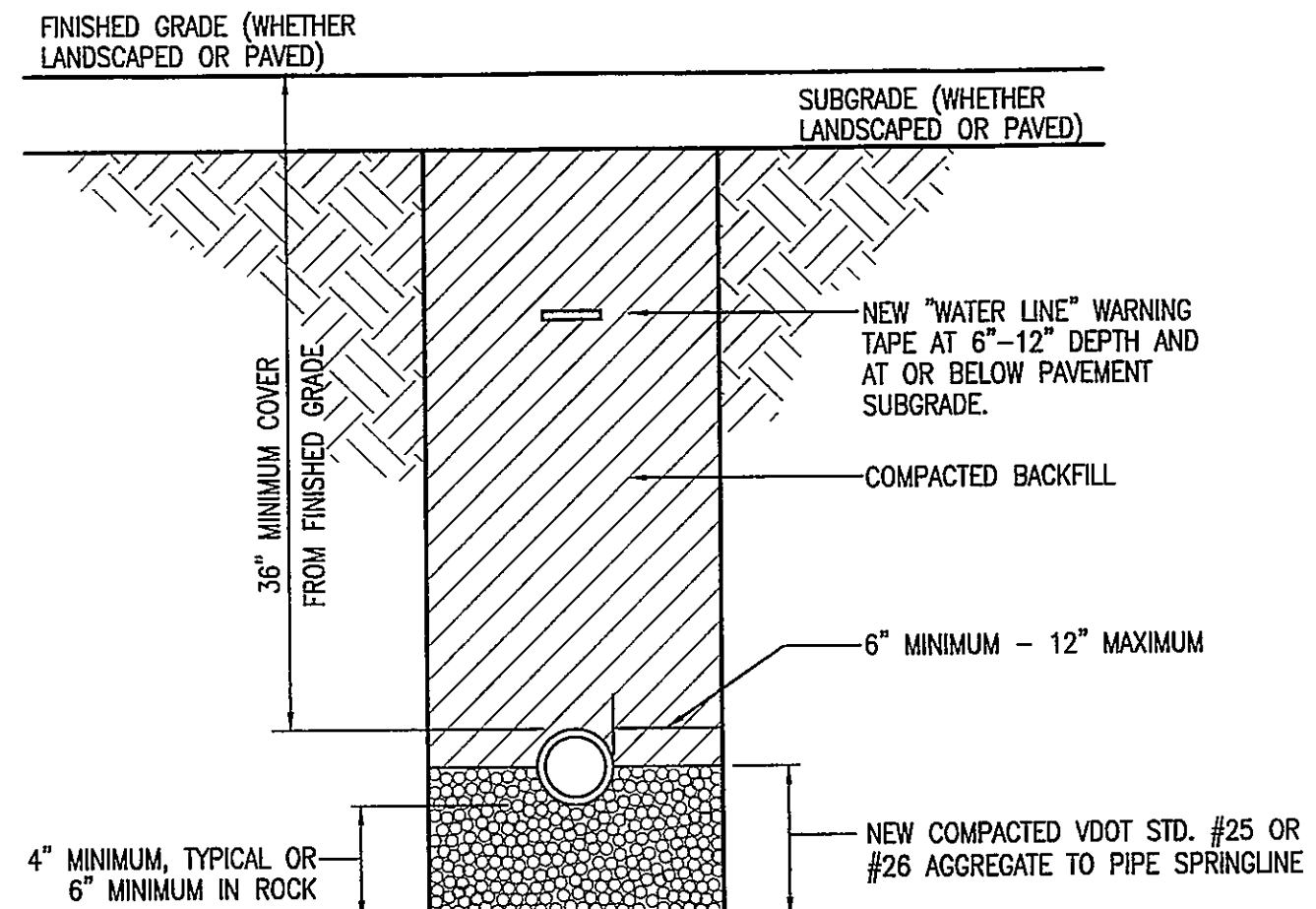
UNLESS DEFINED ELSEWHERE BY SPECS (BOUND OR ON PLAN SHEETS), BACKFILL SHALL BE AS APPROVED BY THE GEOTECHNICAL ENGINEER.



6 NEW STORM LINE TRENCH SECTION

C-1.2 C-5.1 NO SCALE

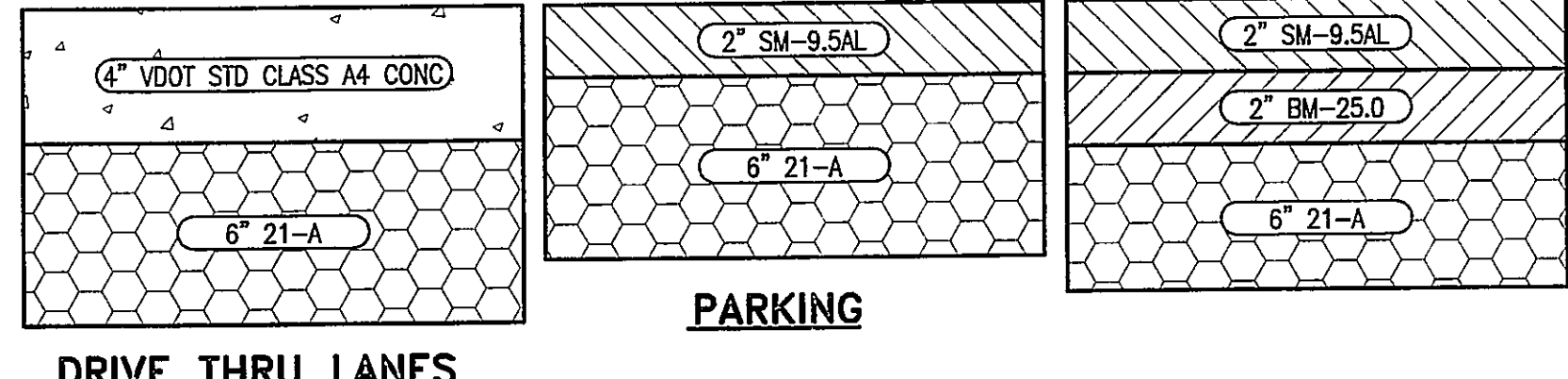
UNLESS DEFINED ELSEWHERE BY SPECS (BOUND OR ON PLAN SHEETS), BACKFILL AND SELECT BACKFILL SHALL BE AS APPROVED BY THE GEOTECHNICAL ENGINEER.



7 NEW WATER LINE TRENCH SECTION

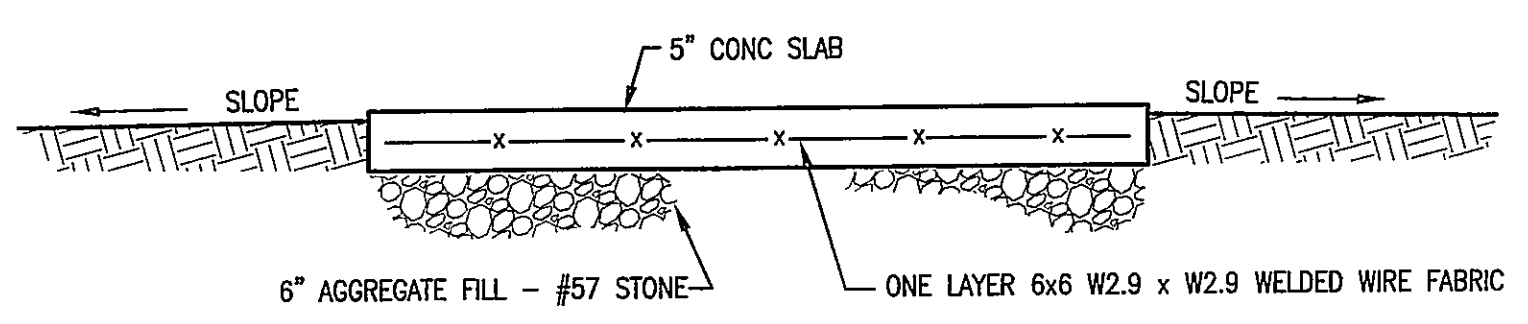
C-1.2 C-5.1 NO SCALE

UNLESS DEFINED ELSEWHERE BY SPECS (BOUND OR ON PLAN SHEETS), BACKFILL SHALL BE AS APPROVED BY THE GEOTECHNICAL ENGINEER.



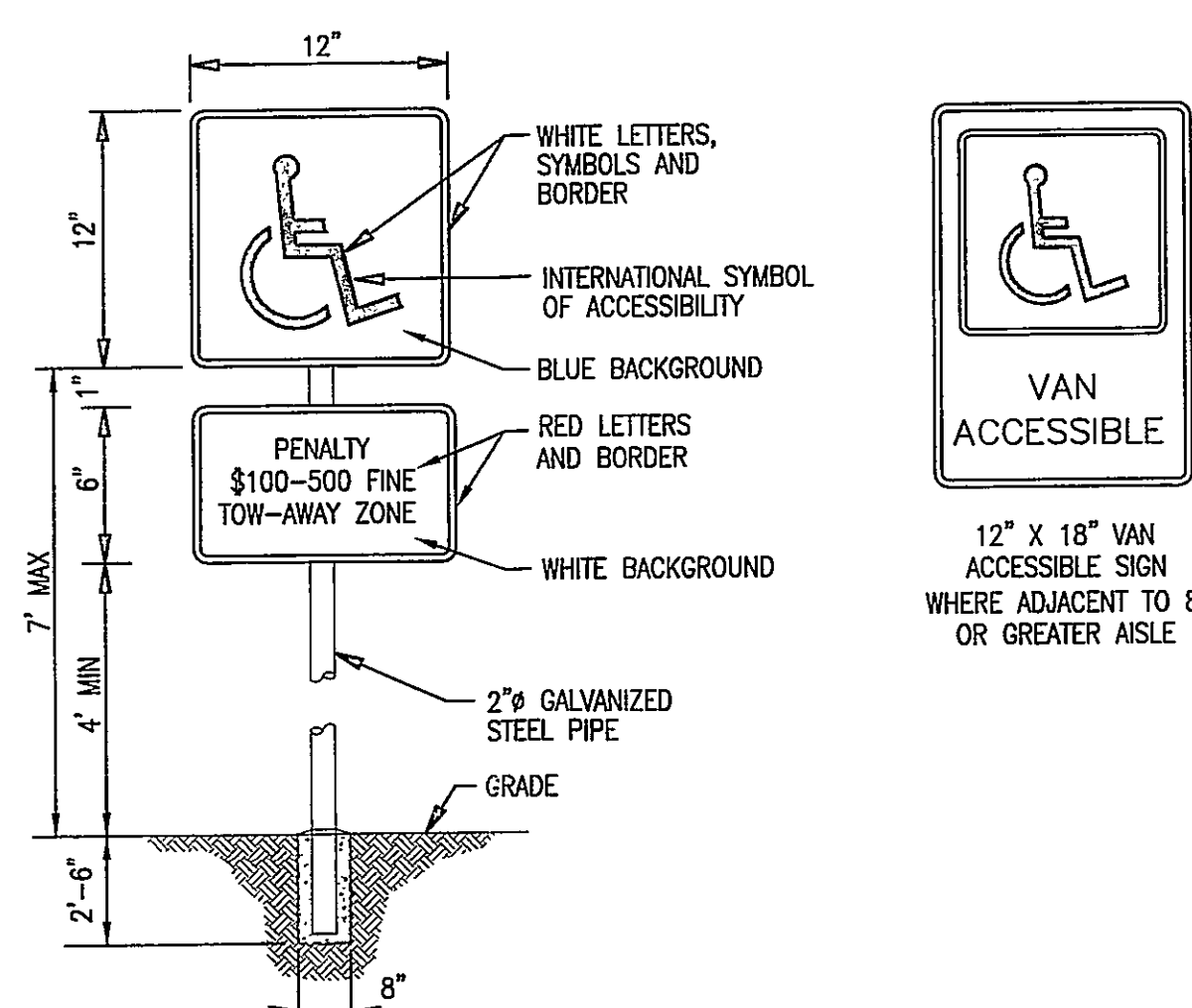
1 PAVEMENT SECTIONS

C-1.2 C-5.1 NO SCALE



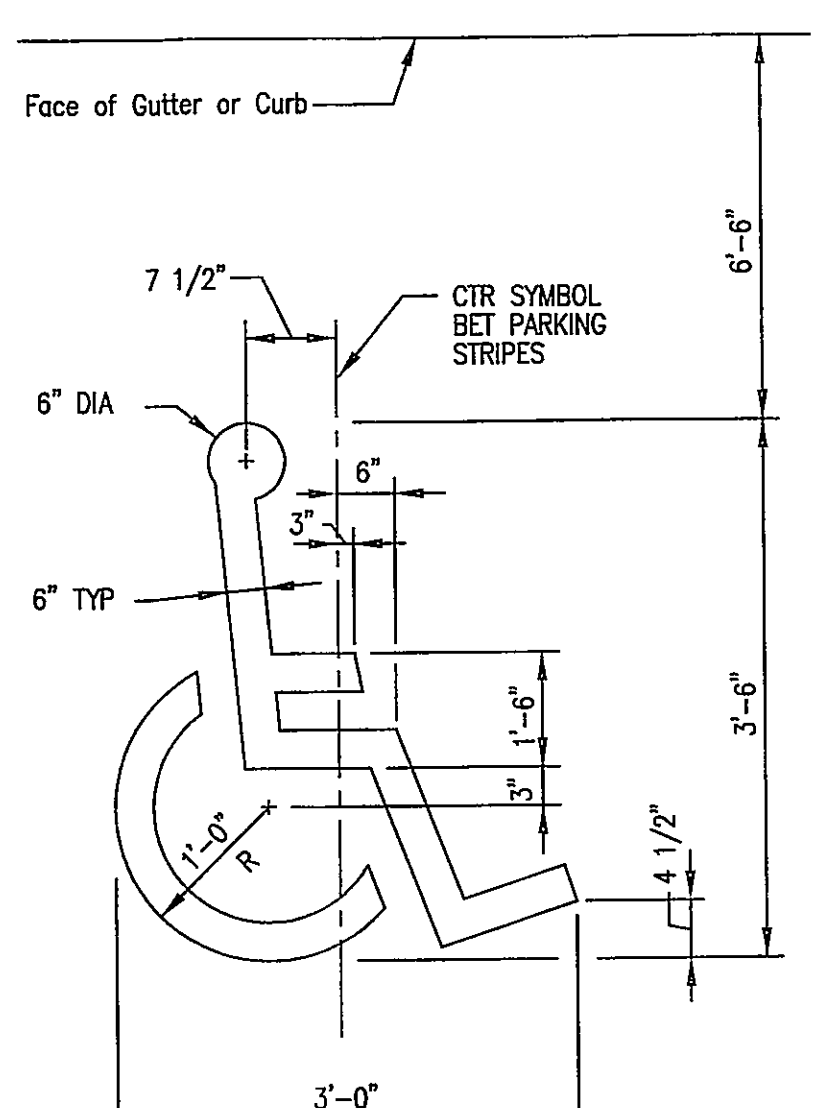
2 TYPICAL SECTION - CONCRETE SIDEWALK

C-1.2 C-5.1 NO SCALE



3 HANDICAPPED PARKING SIGN

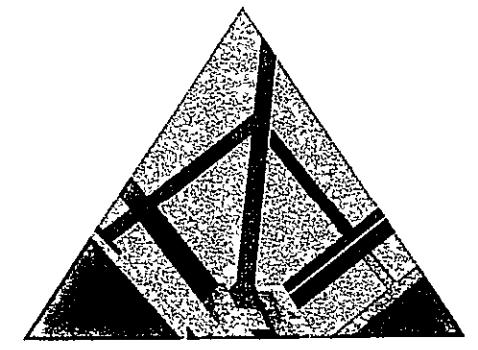
C-1.2 C-5.1 NO SCALE



4 HANDICAPPED SYMBOL

C-1.2 C-5.1 NO SCALE

GENERAL NOTES



SPECTRUM DESIGN

10 CHURCH AVE SE, PLAZA SUITE 1 ROANOKE, VIRGINIA 24011 540.342.6001
ROANOKE • MARION

SUN TRUST BANK - CROSSROADS MALL

NEW BANK FACILITY

SPECTRUM DESIGN PROJECT NO. 06038



DATE: 22 AUGUST, 2006
DESIGN ARCHITECT: MAR
PROJECT ARCHITECT: MF
CHECKED BY: MF
DRAWN BY: MF
REVISIONS: NUMBER DATE

SHEET TITLE

DETAILS

C-5.1