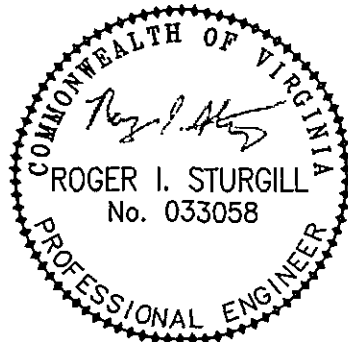




1208 Corporate Circle
Roanoke, Virginia 24018
Phone: 540/772-9580
FAX: 540/772-8050

501 Branchway Road
Richmond, Virginia 23236
Phone: 804/794-0571
FAX: 804/794-2635

880 Technology Park Drive
Suite 200
Glenn Allen, Virginia 23059
Phone: 804/653-0132
FAX: 804/653-0133

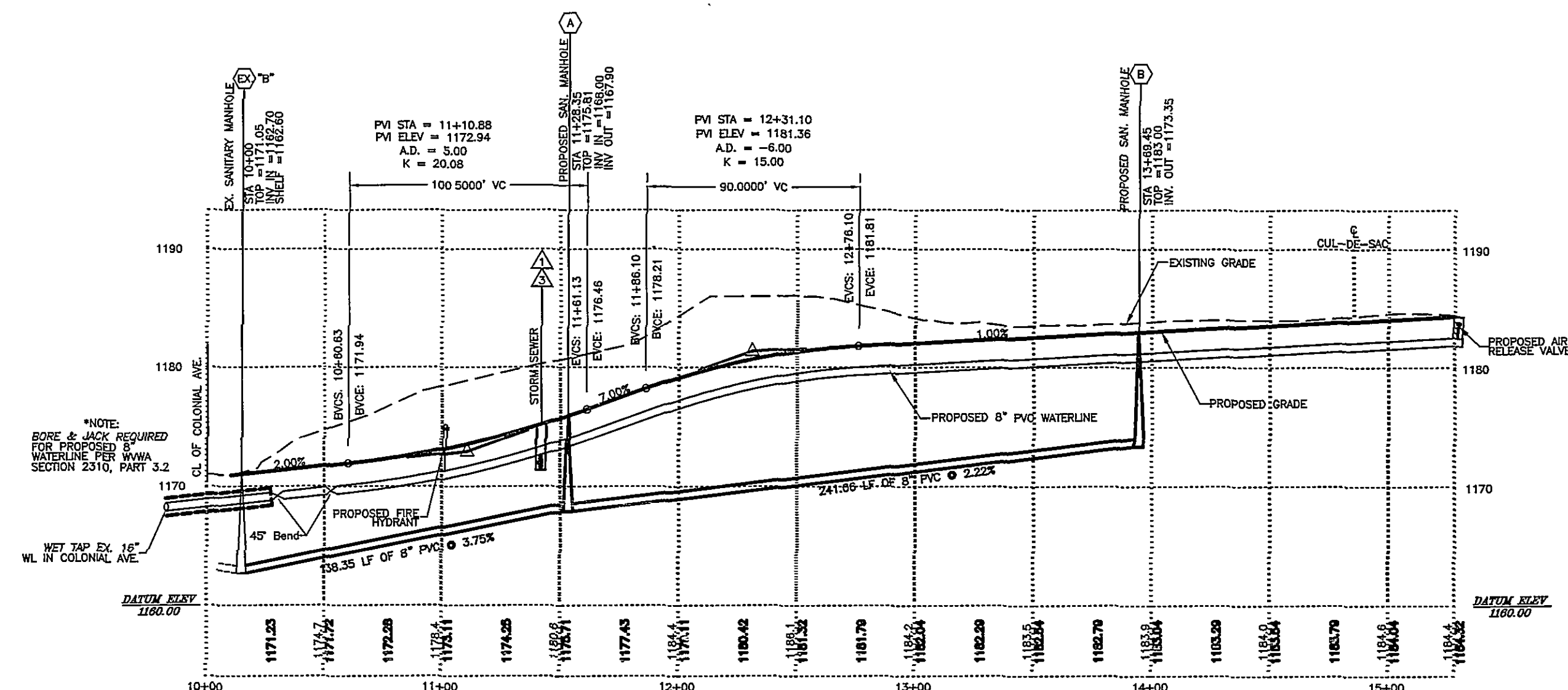
448 Peppers Ferry Road, NW
Christiansburg, Virginia 24073
Phone: 540/381-4200
FAX: 540/381-4201

1557 Commerce Road
Suite 201
Verona, Virginia 24482
Phone: 540/248-3220
FAX: 540/248-3221

COLONIAL COURT
ROAD PROFILE
CAVE SPRING
ROANOKE COUNTY, VIRGINIA

DRAWN BY: BTC
DESIGNED BY: SMH
CHECKED BY: RIS
DATE: 3-15-06
REVISIONS:
6-1-06
7-10-06
9-26-06

SCALE: AS SHOWN
SHEET NO.
C6
JOB NO.
R0600009.00



PROPOSED ROAD PROFILE

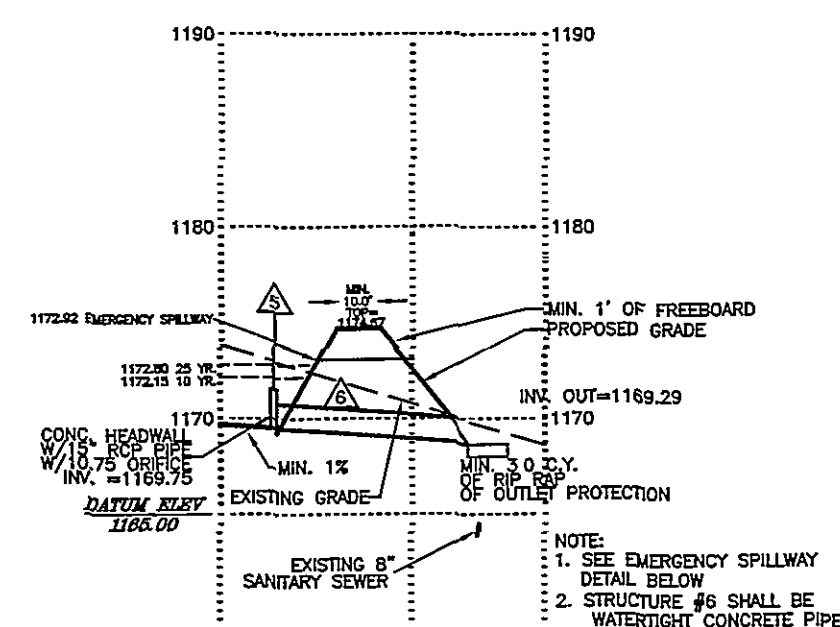
HORIZONTAL 1"=50'
VERTICAL 1"=5'

SANITARY SEWER STRUCTURE SCHEDULE	
EX	EXISTING MANHOLE "B" TOP=1171.05 INV IN=1162.70 INV OUT=1162.00 SHELF=1162.60
A	PROPOSED MANHOLE TOP=1175.81 INV IN=1168.00 INV OUT=1167.90 W/VDOT STD 106.09
B	PROPOSED MANHOLE TOP=1183.00 INV IN=1173.35 W/VDOT STD 106.09

STORM SEWER STRUCTURE SCHEDULE	
1	PROPOSED DI-36 (12') TOP=1175.33 INV OUT=1171.33 W/VDOT STD 106.09
2	32.57 LF OF 15" W/IS-1 RCP @ 1.00%
3	PROPOSED DI-36 (14') TOP=1175.25 INV IN=1171.01 INV OUT=1170.91 W/VDOT STD 106.09
4	53.14 LF OF 15" RCP @ 1.00% INV. OUT=1170.38
5	PROPOSED CONC. HEADWALL INV OUT=1169.75 W/8" ORIFICE PLATE
6	46.00 LF OF 15" WATERTIGHT RCP @ 1.00% END SECTION INV. OUT=1169.29

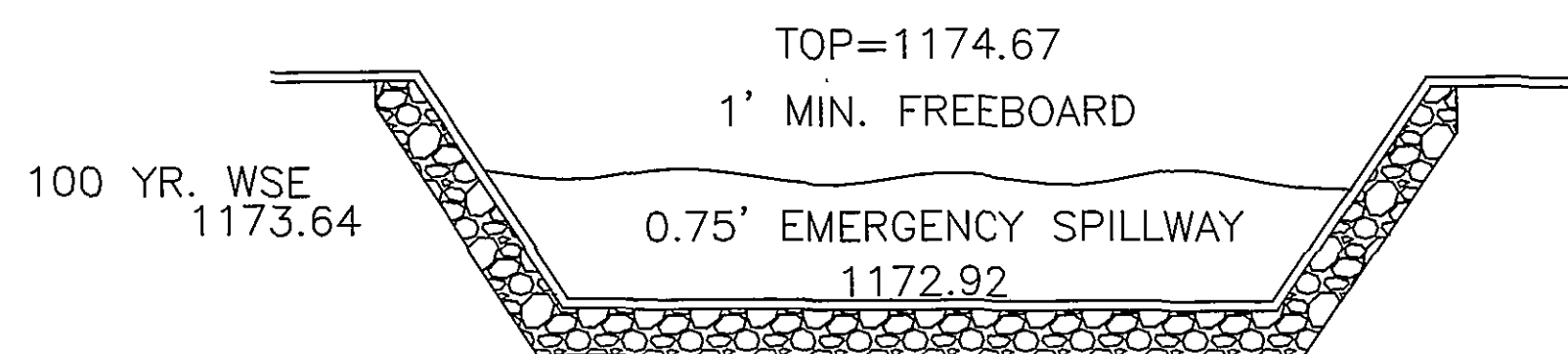
*STEPS ARE REQUIRED IN STRUCTURES EXCEEDING 4.0' IN DEPTH (VDOT STD 106.09)

CL OF ROAD LINE/CURVE DATA	
L1:	S 35°43'16" E LENGTH=60.06
C1:	LENGTH=147.26' R=250 D=33°45'01" T=75.84' CB= N 15°33'00" W CH=145.14'
L2:	S 02°08'31" W LENGTH=193.03
C2:	LENGTH=14.97' R=165 D=05°11'50" T=7.49' CB= N 04°44'26" E CH=14.96'
L3:	S 07° 20' 21" W LENGTH=120.16



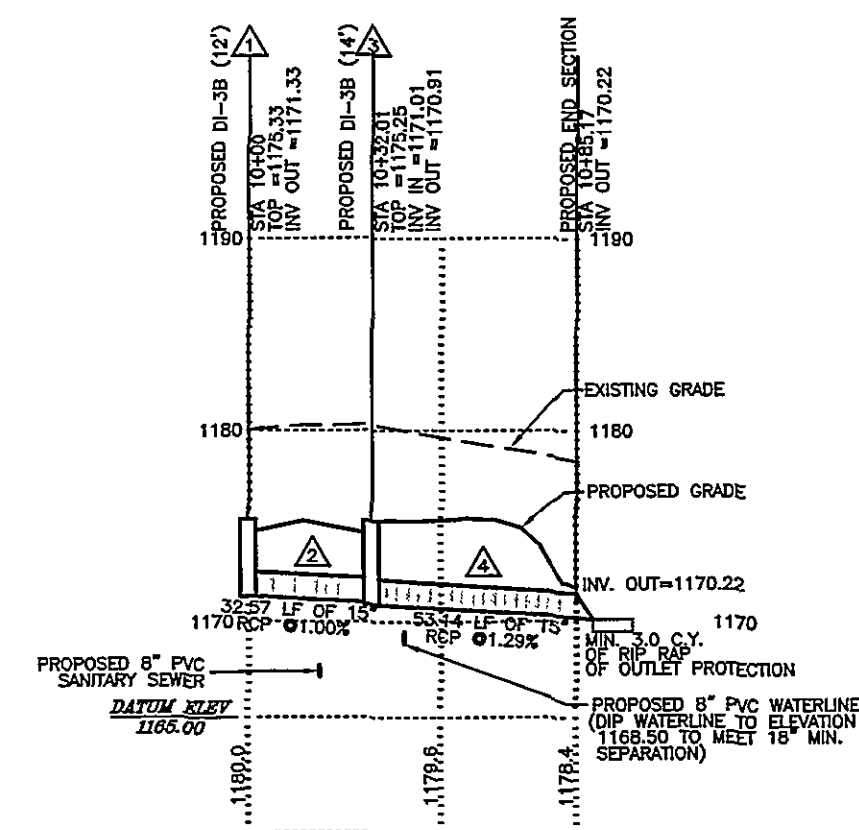
STORMWATER POND PROFILE

HORIZONTAL 1"=50'
VERTICAL 1"=5'



EMERGENCY SPILLWAY

NO SCALE



STORM SEWER PROFILE

HORIZONTAL 1"=50'
VERTICAL 1"=5'