

SANITARY SEWER STRUCTURE SCHEDULE	
(EX)	PROPOSED MANHOLE TOP=1101.00 INV IN=1191.66 INV OUT=1193.56 SHELF=1193.56
(A)	PROPOSED MANHOLE TOP=1101.00 INV IN=1092.56 INV OUT=1092.46 W/ROOT STD 106.09
(B)	PROPOSED MANHOLE TOP=1102.75 INV IN=1092.93 INV OUT=1092.63 W/ROOT STD 106.09
(C)	PROPOSED MANHOLE TOP=1108.49 INV IN=1100.75 INV OUT=1100.75 W/ROOT STD 106.09
(D)	PROPOSED MANHOLE TOP=1088.75 INV IN=1094.06 INV OUT=1093.96 W/ROOT STD 106.09
(E)	PROPOSED MANHOLE TOP=1089.00 INV IN=1094.30 INV OUT=1094.40 W/ROOT STD 106.09
(F)	PROPOSED MANHOLE TOP=1102.35 INV IN=1095.02 INV OUT=1095.92 W/ROOT STD 106.09
(G)	PROPOSED MANHOLE TOP=1118.00 INV IN=1104.10 INV OUT=1104.00 W/ROOT STD 106.09
(H)	PROPOSED MANHOLE TOP=1112.00 INV IN=1107.35 INV OUT=1107.25 W/ROOT STD 106.09
(I)	PROPOSED MANHOLE TOP=1167.00 INV IN=1108.25 INV OUT=1108.25 W/ROOT STD 106.09
STANDARD PAVEMENT	
HEAVY DUTY PAVEMENT	

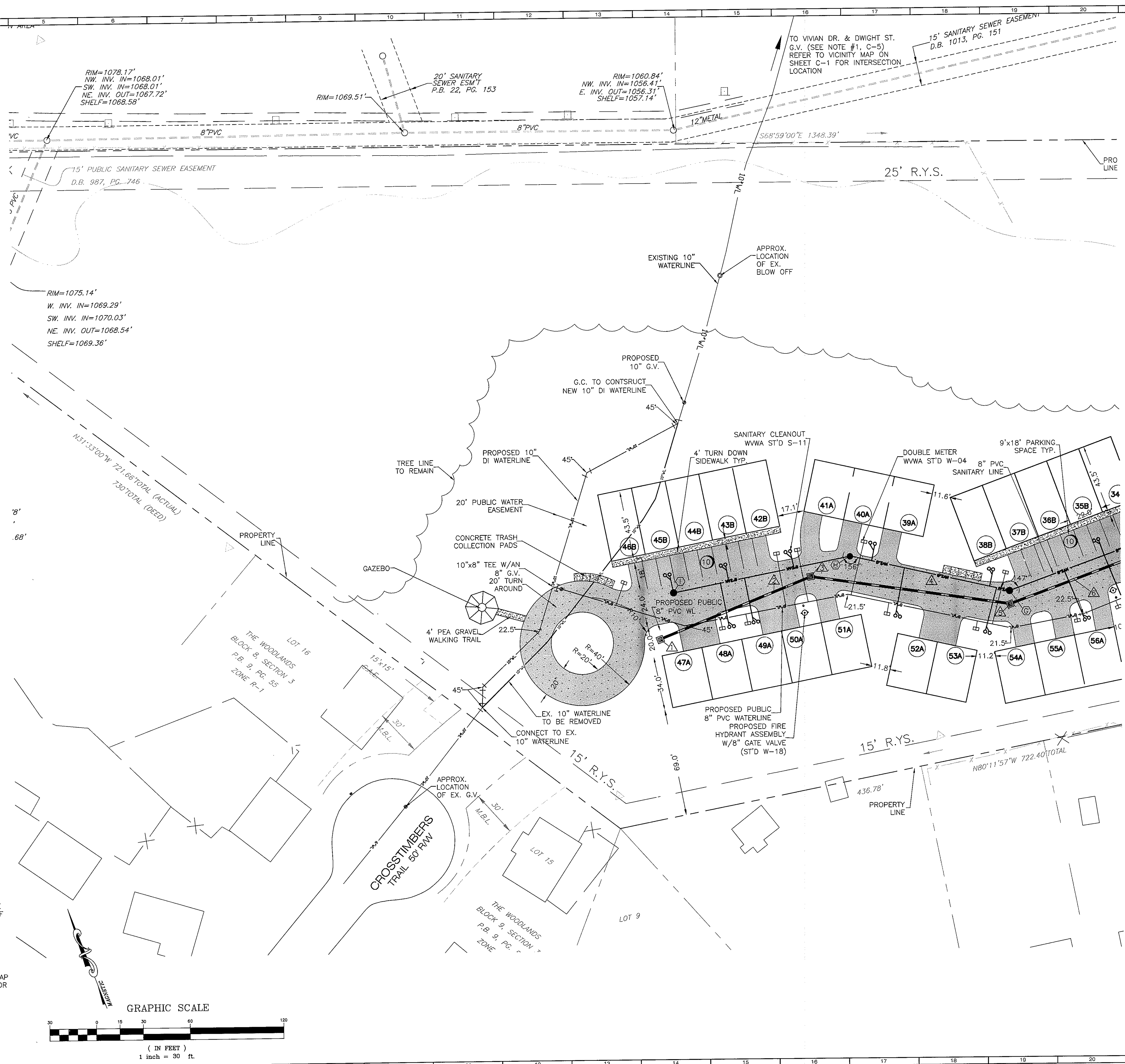
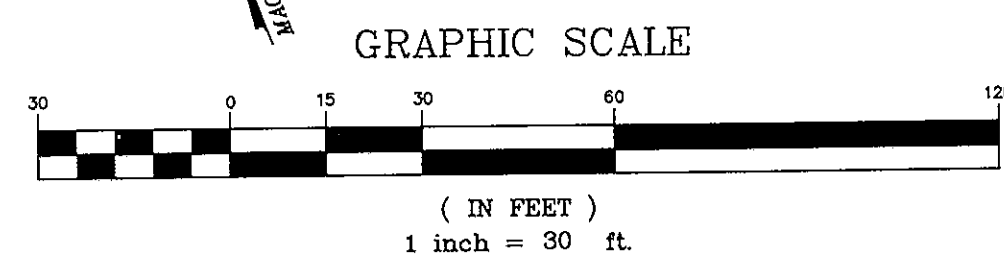
1. CONTRACTOR TO VERIFY THE LOCATION OF THE EXISTING WATERLINE AND GATE VALVES TO BE UTILIZED DURING THE TEMPORARY SHUT DOWN OF THE 10" LINE.

NOTE: THE TWO GATE VALVES BEING USED TO SHUTOFF THE WATER SUPPLY ARE LOCATED IN THE CUL-DE-SAC OF CROSSTIMBERS TRAIL (CURRENTLY OFF) AND IN THE INTERSECTION OF VIVIAN AVENUE AND DWIGHT STREET. VERIFY WITH WYWA PRIOR TO CONSTRUCTION. CONTACT WYWA TO TURN OFF THE G.V.'S AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

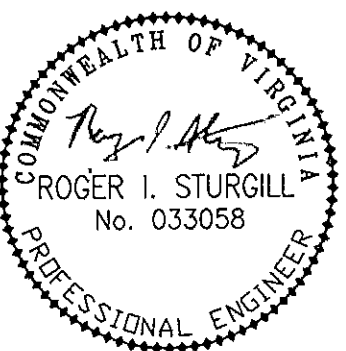
*CONTRACTOR TO SCHEDULE WITH WVWA THE BEST TIME TO SHUT DOWN THE PORTION OF THE 10" WATERLINE WITH THE LEAST IMPACTS ON RESIDENTIAL WATER SERVICES

2. CONTRACTOR TO INSTALL NEW 10" G.V. ON THE EXISTING 10" WATERLINE WHILE THE LINE IS SHUT DOWN.
3. AS SOON AS THE G.V. HAS BEEN INSTALLED AND THE LINE TESTED AND REPRESSURIZED AS APPROVED BY THE WWA, THE CONTRACTOR SHALL INSTALL THE NEW 10" DI WATERLINE.
4. CONSTRUCT THE NEW PORTION OF THE 10" WATERLINE ADJACENT TO EACH PROPOSED CONNECTION TO A DEPTH SO THAT THE WATERLINE HAS A MINIMUM OF 3' OF COVER FROM FINISHED GRADE. REFER TO WATERLINE PROFILE ON SHEET C-12.
5. ONCE THE NEW LINE HAS BEEN CONSTRUCTED, TESTED, AND DISINFECTED, THE CONTRACTOR SHALL NOTIFY THE WWA FOR OPENING THE RECENTLY INSTALLED GATE VALVE AND BRINGING THE NEW LINE INTO SERVICE. THE GATE VALVE IN THE INTERSECTION OF CROSSTIMBERS TRAIL SHALL BE LEFT IN THE OFF POSITION.
6. REMOVE ALL OF THE ABANDONED 10" WATERLINE DUE TO THE PROPOSED GRADING AND TOWNHOUSE UNITS BEING CONSTRUCTED.

NOTE:
CONTRACTOR TO FURNISH AND INSTALL TAPPING SLEEVE AND VALVE, TAP TO BE MADE BY THE WWA. CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION AND SHORING PER OSHA REGULATIONS.



SEE SHEET C4



BALZER
AND ASSOCIATES, INC.
BUTNER

REFLECTING TOMORROW
www.balzer.cc

PLANNERS • ARCHITECTS
ENGINEERS • SURVEYORS

**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
Glen Allen, Virginia 23059
Phone: 804/553-0132
FAX: 804/553-0133

448 Peppers Ferry Road, NW
Christiansburg, Virginia 24073
Phone: 540/381-4290
FAX: 540/381-4291

1561 Commerce Road
Suite 401
Verona, Virginia 24482
Phone: 540/248-3220
FAX: 540/248-3221

AS OF THE VALLEY
LAYOUT & UTILITY "B"
HOLLINS
ROANOKE COUNTY, VIRGINIA

DRAWN BY: BTC
DESIGNED BY: SMH
CHECKED BY: RIS
DATE: 3-10-06
REVISIONS:
6-9-06
9-29-06
12-19-06
1-25-07

SCALE: 1"=30'
SHEET NO.
C5
JOB NO.
R0500134.01