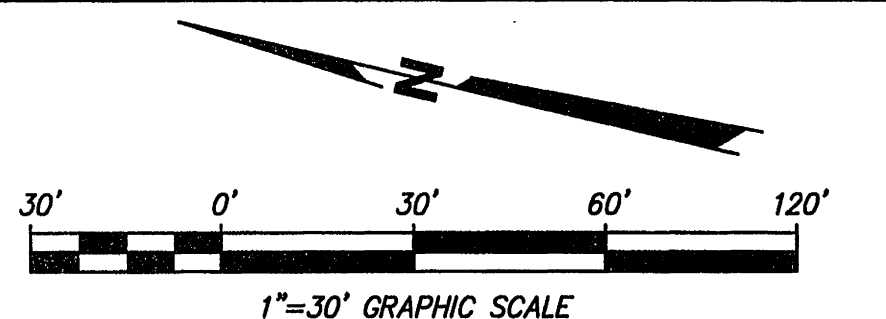
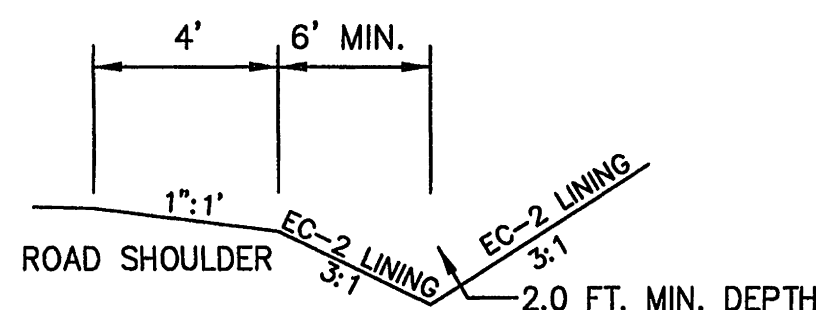




YARD SWALE SECTION:



ROADSIDE DITCH:

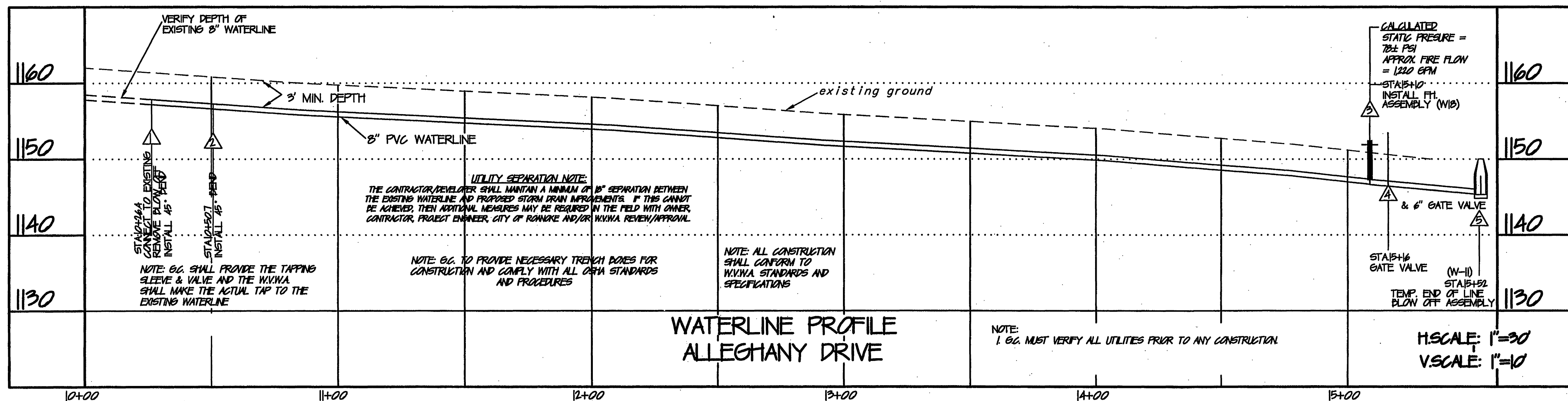
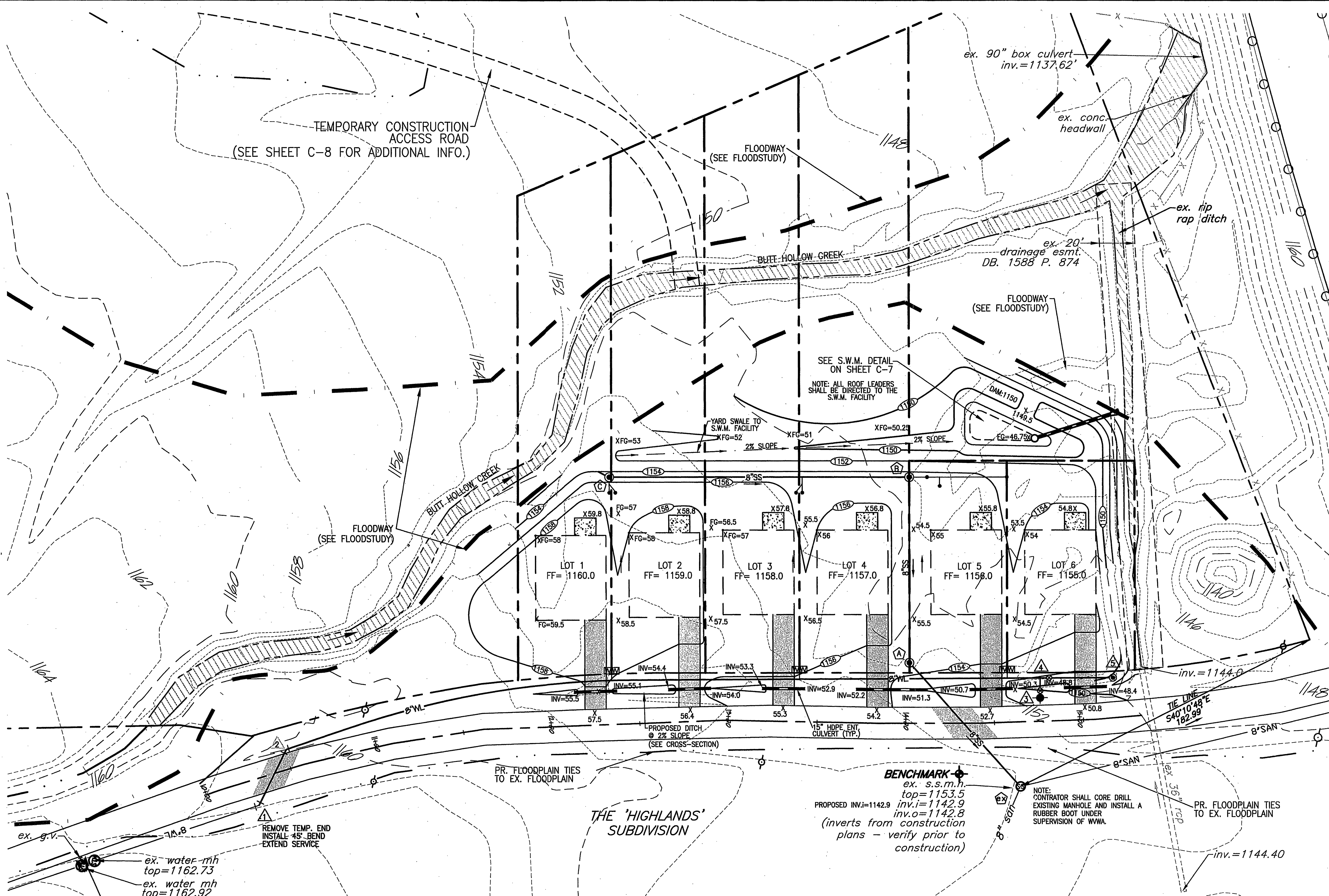
MIN. FLOOR ELEVATIONS

MINIMUM FLOOR ELEVATIONS BASED ON 100 YEAR FLOOD

LOT	BASE FLOOR ELEV.	MINIMUM FLOOR ELEV.	APPROX. FLOOR ELEV.
1	1157.51	1159.51	1160.0
2	1156.43	1158.43	1159.0
3	1155.50	1157.50	1158.0
4	1154.52	1156.52	1157.0
5	1153.16	1155.16	1156.0
6	1152.34	1154.34	1155.0

NOTES:

- THE LOCATION OF THE PROPOSED RESIDENTIAL DWELLINGS ARE APPROXIMATE AND ARE PROVIDED ONLY TO SUGGEST THE TYPE OF UNIT. BUILDING PERMIT PLOT PLANS ARE REQUIRED BY THE COUNTY OF ROANOKE, WHICH WILL PROVIDE THE EXACT SIZE, FINISH FLOOR ELEVATION AND GRADES NECESSARY TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE DWELLING AND DRIVEWAY LOCATIONS.
- NO WORK IS TO BE PERFORMED IN THE NATURAL WATERCOURSE.
- ALL DRIVEWAYS SHALL HAVE A 15" HDPE (N-12) CULVERT.
- ELEVATION CERTIFICATES ARE REQUIRED FOR EACH DWELLING PROPOSED HEREON AS THESE LOTS ARE LOCATED IN A NON-FEMA DESIGNATED FLOODPLAIN.
- THE LOCATION OF ALL OFF-SITE FILL OR BORROW AREAS ASSOCIATED WITH THE CONSTRUCTION PROJECT WILL BE PROVIDED TO ROANOKE COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT. AN EROSION CONTROL PLAN OR MEASURES MAY BE REQUIRED FOR THIS AREA.
- THE CONSTRUCTION OF ANY DWELLING IS PROHIBITED WITHIN THE LIMITS OF THE FLOODWAY. THE FLOODWAY IS TO BE STAKED PRIOR TO ANY LAND DISTURBANCE. STRUCTURES ARE PROHIBITED WITHIN THE LIMITS OF THE FLOODWAY SHOWN ON THE PLAN AND THESE PLANS IN ACCORDANCE WITH THE ROANOKE COUNTY ZONING ORDINANCE (SEC. 30-74-8 FLOODWAY DEVELOPMENT REGULATIONS)
- WATERLINE TO BE EXTENDED FROM THE EXISTING TEMPORARY END OF LINE UTILIZING A 45° BEND.
- ALL ROOF LEADERS FROM THE PROPOSED HOUSES SHALL BE DIRECTED TO THE STORMWATER MANAGEMENT FACILITY.



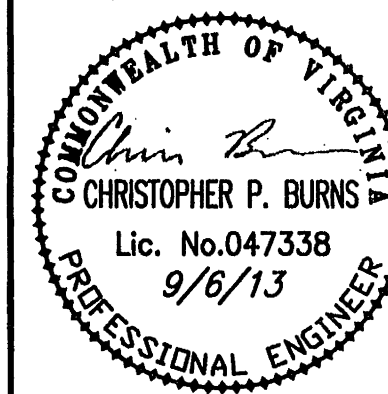
SANITARY SEWER MANHOLE AND MIN. F.F. ELEVATIONS

LINE	BEARING	DISTANCE
ex TO A	N 35°06'36" E	93.74 LF
A TO B	N 76°42'34" E	105.16 LF
B TO C	N 13°17'26" W	169.15 LF

LOT	DOWNSIDE MANHOLE	TOP OF S.S. MAIN	MIN. F.F. ELEVATION	APPROX. F.F. ELEV.	APPROX. STATIC PRESSURES
1	C	1145.8	1148.8	1160.0	75± PSI
2	C	1145.8	1148.8	1159.0	75± PSI
3	B	1145.2	1148.2	1158.0	75± PSI
4	B	1145.2	1148.2	1157.0	76± PSI
5	B	1144.8	1147.8	1156.0	76± PSI
6	B	1144.8	1147.8	1155.0	77± PSI

STATIONS AND OFFSETS ARE MEASURED ALONG A BASELINE FROM CENTER OF MANHOLE TO CENTER OF MANHOLE WITH 0+00.0 BEING THE BEGINNING AT THE LOWER MANHOLE.

THE MIN. FLOOR ELEVATION IS BASED ON SEC. 200.02-2-G-1-h OF THE WESTERN VIRGINIA WATER & SEWER REGULATIONS. LOT OWNERS REQUESTING A LOWER SERVICE ELEVATION WILL REQUIRE THE USE OF A PRIVATE SEWAGE PUMP FACILITY, INSTALLED AND MAINTAINED BY THE HOMEOWNER.



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HOLLOW CREEK SUBDIVISION GRADING PLAN ROANOKE COUNTY, VIRGINIA

DRAWN BY: BTC
DESIGNED BY: BTC
CHECKED BY: SMH
DATE: 4/5/2013
REVISIONS: 5/7/2013
9/6/2013

SCALE: 1" = 30'
SHEET NO.

C-05

JOB NO.
R0700180.02