

LAYOUT 5/22/02 <sup>wants to know if they being forced? If so we'll have to reschedule</sup> INSP 4 9/19/02 2-3  
 INSP 2 6/12/02 AM INSP 5 9/20/02 11-00  
 INSP 3 6/21/02 2:00 INSP 6 \_\_\_\_\_

05-432189

ISSUE DATE: 5/6/2002  
 APPROVAL DATE: 9/20/02

**PERMIT  
INDEXED**

P 516965-E  
 A 57577-C

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER   
 ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670  
 SUBDIVISION: Big Branch Overlook LOT NUMBER: 29  
 ADDRESS: 14104 Big Branch Drive PROPERTY OWNER: Big Branch Overlook, LLC  
 SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED   
 PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED   
 NUMBER OF BEDROOMS: 4  
 SQUARE FEET PER BEDROOM: 210  
 LINEAR FEET OF TRENCH REQUIRED: 280 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe. <u>60' / 70' / 70' / 80' ?</u>
LOCATION:	Place the distribution box as shown on the approved site plan. <u>10' CTC</u>
NOTES:	Septic tanks to be located so as not to be within 100' of well radius. Tanks also to be adjusted so they are not directly in grading swale.

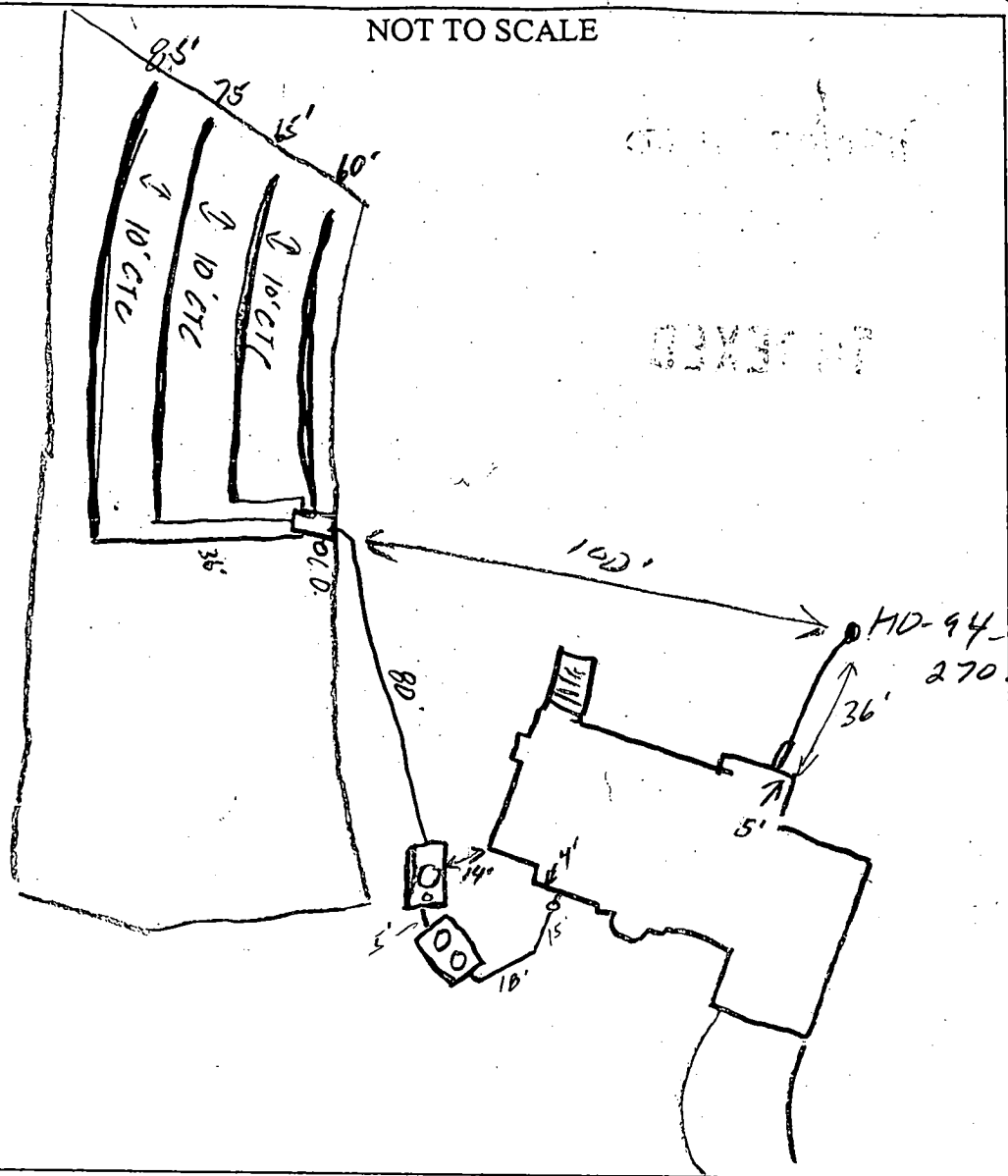
PLANS APPROVED: Steven R. Krieg OK 3/26/02 (SO) DATE: 3/11/2002

NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS  
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A 57577-C

NOT TO SCALE



DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3'	5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		285'
ABSORPTION AREA		855
DISTRIBUTION BOX LEVEL		—
DISTRIBUTION BOX BAFFLE		—
DISTRIBUTION BOX PORT		—

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1500 GAL
SEAM LOC	TS
TANK LID DEPTH	2'
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	F&B
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	—

84/25 Big Branch Drive ROAD

PRE-CONSTRUCTION 6/12/02 lot staked, contour a little more service. Install 60/70/70/100' trenches 10' etc (SO) 6/12/02 Help dig for ST (SO)

INSTALLATION 6/13/02 Tanks set (SO) 6/21/02 1 trench installed (SO) 6/25/02 OK to cover all work; pump & alarm tests needed (SO) 9/19/02 No test, not ready (SO) 9/20/02 Pump & Alarm tests OK (SO)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 9/20/02



LOT 30

LOT 32

24' PRIVATE USE-IN-COMMON  
INGRESS & EGRESS EASEMENT  
FOR LOTS 30 & 31.

N 88°31'48" E

272.52'

30' BRL

5/2/02  
Wall check  
O.K.  
LOT 29 BB

SEE DETAIL

LOT 32

BRANCH OVERLOOK  
F-98-167  
PLAT 5 OF 5

S 28°48'29" E  
10' BRL  
129.13'

S 46°14'00" E  
10' BRL  
121.12'

50' BRL

S 19°16'17" E  
10' BRL  
19' ±

150.38'

184.48'

S 70°13'43" W

BIG BRANCH DRIVE  
(50' R/W)

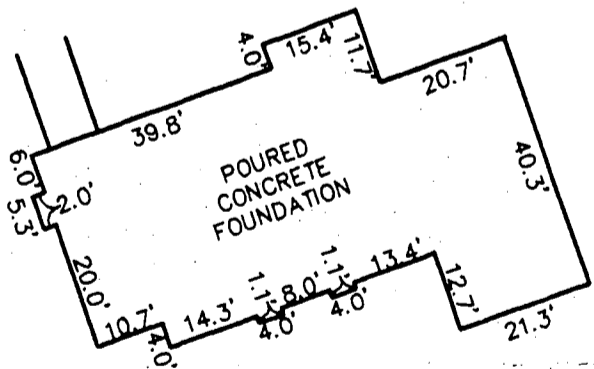
PRESERVATION  
PARCEL F

PUBLIC DRAINAGE  
UTILITY EASEMENT

FIRST FLOOR ELEV. = 448.6'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON APRIL 19, 2002; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCHI GROUP, INC. ENTITLED "BIG BRANCH OVERLOOK", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 13855



**FOUNDATION DETAIL**

SCALE: 1" = 30'

**WALL CHECK**

**BIG BRANCH OVERLOOK**

LOT No. 29

14104 BIG BRANCH DRIVE

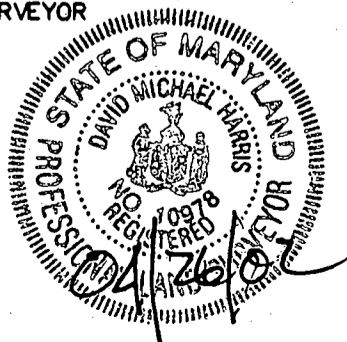
5TH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 4-19-02

DRAWN BY: KLD

DAVID M. HARRIS  
REGISTERED PROFESSIONAL LAND SURVEYOR  
MD REG. No. 10978  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
RECORD PLAT No. 13855  
FEMA FIRM No. 240044 0025 B  
ZONE: C  
DATED: 12/04/86




**BENCHMARK**








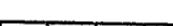


**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE A SUITE 418  
ELLSWORTH CITY, MARYLAND 21043  
PHONE: 410-481-6105 A FAX: 410-462-6644  
WWW: Benchmark@bcei.com

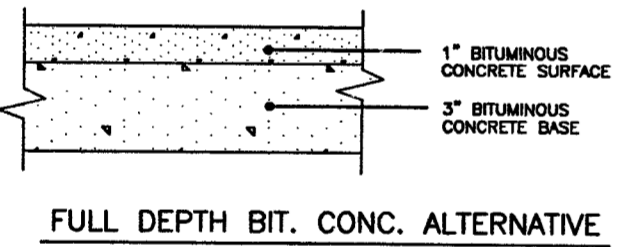
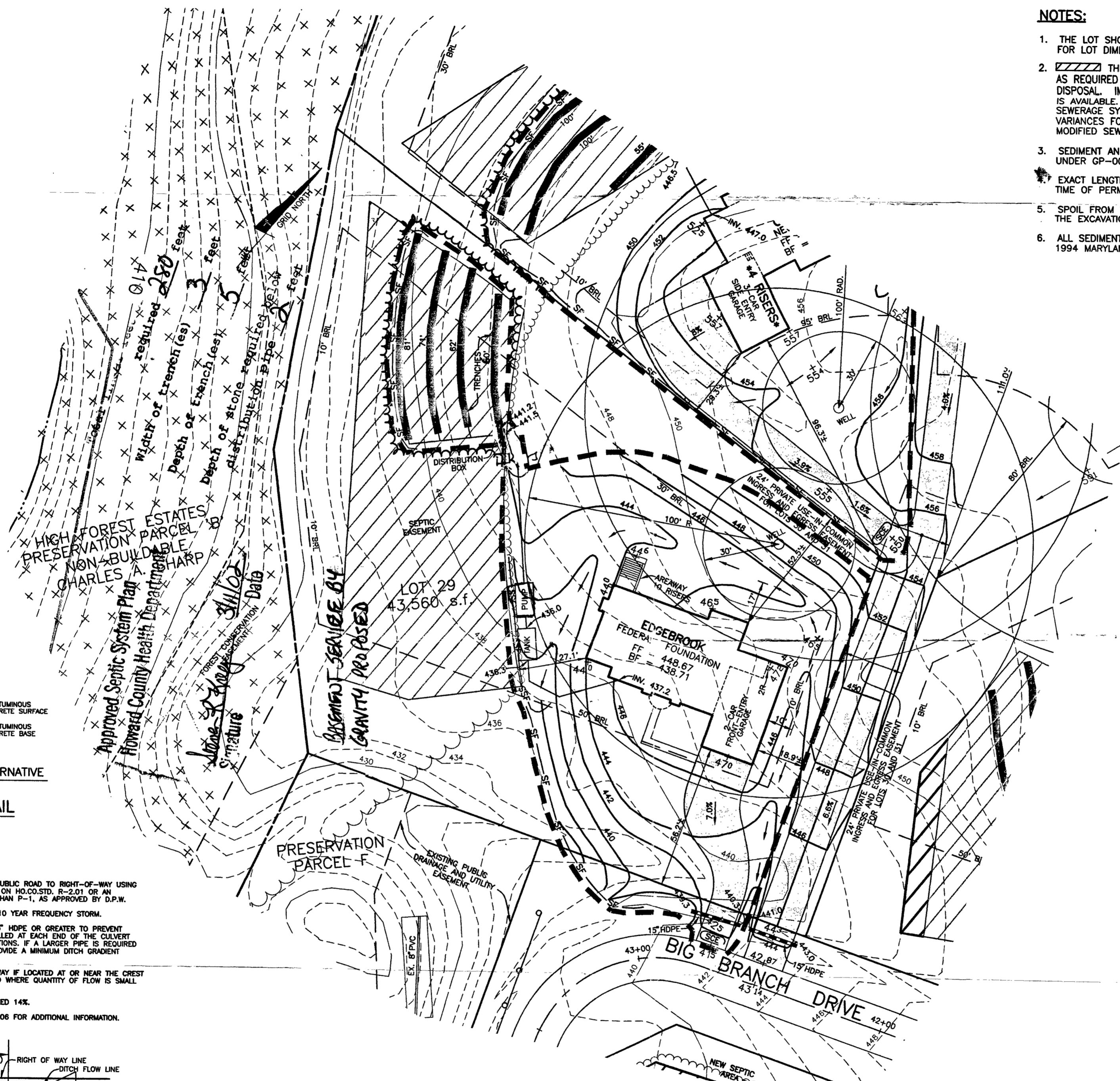
**NOTES:**

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13855, REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-00-97 AND MODIFIED FOR THIS SPECIFIC HOUSE.
4. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
5. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
6. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

**LEGEND**

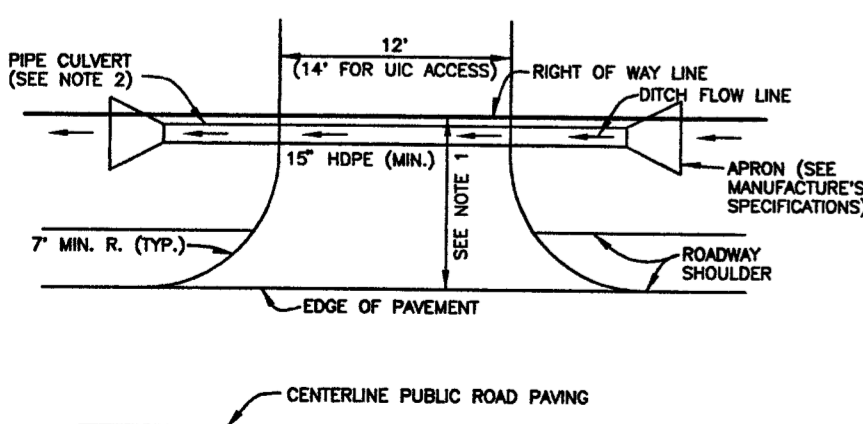
-  470 EXISTING CONTOURS AS SHOWN ON GP-00-97
-  472 PROPOSED CONTOURS
-  EXISTING TREELINE
-  PROPOSED TREELINE
-  SF SILT FENCE
-  SSF SUPER SILT FENCE
-  SCE STABILIZED CONSTRUCTION ENTRANCE
-  LIMIT OF DISTURBANCE
-  SEPTIC EASEMENT
-  WELL LOCATION

*Basement Service by Gravity is proposed.*



**P-1 PAVING DETAIL**  
NOT TO SCALE

- DRIVEWAY CULVERT NOTES:**
1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT-OF-WAY USING STANDARD PAVING SECTION P-1 AS SHOWN ON HO.CO.STD. R-2.01 OR AN ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
  2. DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM.
  3. ALL DRIVEWAY CULVERT PIPES ARE TO BE 15" HDPE OR GREATER TO PREVENT BLOCKING. HDPE APRONS ARE TO BE INSTALLED AT EACH END OF THE CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS. IF A LARGER PIPE IS REQUIRED THE DITCH INVERT CAN BE LOWERED TO PROVIDE A MINIMUM DITCH GRADIENT OF 0.5% AND THE CLEARANCE SHOWN.
  4. SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL AS APPROVED BY D.P.W.
  5. TIE-IN GRADE OF DRIVEWAY SHALL NOT EXCEED 14%.
  6. SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.



**DRIVEWAY CULVERT**  
NOT TO SCALE

**PLAN**  
SCALE: 1" = 30'

<b>BENCHMARK</b> ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS		<b>PROJECT:</b> BIG BRANCH OVERLOOK LOT 29	
<b>ENGINEERING, INC.</b>		<b>LOCATION:</b> 14104 BIG BRANCH DRIVE TAX MAP 27, GRID 6 - PARCEL 140,141,142 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLCOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6644		<b>TITLE:</b> PLOT PLAN	
<b>BUILDER:</b> TOLL BROTHERS, INC. 7164 COLUMBIA GATEWAY DRIVE SUITE 230 COLUMBIA, MARYLAND 21046 410-872-9105		<b>HOUSE TYPE:</b> EDGEBROOK	
<b>DATE:</b> JANUARY 28, 2002	<b>PROJECT NO.:</b> 1322	<b>SCALE:</b> AS SHOWN	<b>DRAWING</b> 1 OF 1

OK  
9-10-02  
Retaxed  
9-24-02

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fookes Well Drilling Telephone #: 410-795-5670  
Address: 580 Odrecht RD  
Sykesville, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Allen Compton License# MSD 009

\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Toll Brothers Telephone #: 443-535-9296  
Subdivision: Indelpha Ridge Lot #: 29 Well Tag #: HO 94-2707  
Site Address: 14104 Old Branch Dr

Submersible Pump Data                      Pitless Adapter                      Well Cap and Electric Conduit  
Make: Couglas                              Make: Campbell                              Two piece watertight cap: yes  
Model #: LSB05                              Model #:    Screened, vented well cap: no  
Pump Capacity: 5 GPM                      Depth: 42 (36" min)                      Cap secured to casing: yes  
Well Yield: 1.8GPM                      NSF/WSC approved: yes                      Conduit min 18" B.G.: yes  
Depth of well encountered at time of pump installation: 300 (feet)                      Conduit secured to well cap: yes  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.3.4  
Torque arrestors, Cable guards, or other acceptable method used- Must circle one  
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing no

Piping to house                                      House Connection  
Type: 1" Black Plastic                              PVC sleeve to undisturbed soil at wall penetration: yes  
PSI: 160 (160 psi min)                              Approximate length of sleeve: yes  
Depth of supply line: 42 (36" min)                              Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Allen Compton                      date: 9-10-02

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 9/10/02 Date Insp. Approved: 9/10/02 Inspector: SO BB  
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade ✓  
Two piece cap installed and attached to casing securely ✓  
Elec. conduit extends at least 18" below grade/attached to cap properly ✓  
Safety rope not seen outside of well cap/casing ✓  
Correct well tag attached properly and casing 3" above finished grade ✓  
Water supply line sleeved adequately at house connection ✓  
Adequate grout observed below pitless adapter ✓

**C1** 0408 SEQUENCE NO. (MDE USE ONLY) **STATE OF MARYLAND WELL COMPLETION REPORT** THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. ✓  
 (THIS NUMBER IS TO BE PUNCHED IN CO'S. 3-6 ON ALL CARDS) FILL IN THIS FORM COMPLETELY PLEASE TYPE COUNTY NUMBER 13

ST/CO USE ONLY DATE Received MM DO YY 8 13 DATE WELL COMPLETED MM DO YY 16 3 00 Depth of Well 22 300 26 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-2707 28 29 30 31 32 33 34 35 36 37

OWNER Big Branch Overlook LLC last name first name STREET OR RFD Big Branch Drive TOWN Dayton SUBDIVISION Big Branch Overlook SECTION LOT 29

**WELL LOG**  
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Brown Shale	0	75	
Gray slate	75	90	
Brown	90	91	✓
Gray slate	91	300	

**GROUTING RECORD**  
WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
 TYPE OF GROUTING MATERIAL (Circle one) CEMENT  (CM) BENTONITE CLAY  (BC)  
 NO. OF BAGS 22 NO. OF POUNDS 2068  
 GALLONS OF WATER 72  
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 60 ft. (enter 0 if from surface)

**CASING RECORD**  
casing types insert appropriate code below  ST  CO  PL  OT  
 MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 80  
 60 61 63 64 66 70

**OTHER CASING (if used)**  
diameter inch depth (feet) from to

**SCREEN RECORD**  
screen type or open hole  ST  BR  HO  PL  OT  
 STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER  
 insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: \_\_\_\_\_  
 WELL HYDROFRACTURED  Y  N

CIRCLE APPROPRIATE LETTER  
 A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
 E ELECTRIC LOG OBTAINED  
 P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M SD 009  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. M D \_\_\_\_\_

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

**C2** DEPTH (nearest ft.)  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100  
 10 20 30 40 50 60 70 80 90 100

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

**MDE USE ONLY** (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) W Q  
 70 72 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3** **PUMPING TEST**  
 HOURS PUMPED (nearest hour) 06  
 PUMPING RATE (gal. per min.) 1.8  
 METHOD USED TO MEASURE PUMPING RATE 5 gal.  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 34 ft. WHEN PUMPING 127 ft.  
 TYPE OF PUMP USED (for test)  S submersible

**PUMP INSTALLED**  
 DRILLER INSTALLED PUMP (CIRCLE) (YES OR NO) YES  NO   
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 29  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35  
 PUMP HORSE POWER 37 41  
 PUMP COLUMN LENGTH (nearest ft.) 43 47  
 CASING HEIGHT (circle appropriate box and enter casing height)  + above } LAND SURFACE  - below } 02 (nearest foot)

**LOCATION OF WELL ON LOT**  
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)  
 No Survey stakes

**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 94-~~2068~~ 2707  
 Location of property (road) 17069 Big Branch Dr.  
 Subdivision Big Branch Overlook Lot 29 Block      Plat      Sec.       
 Well Driller Hegles/Allen Compton Owner Big Branch Overlook LLC

Depth of well 300'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. ~~22'~~ 34'

**I. High rate pumping -- reservoir drawdown**

Time pump started 10:45 Pumping rate 13/15  
 Total time 30 min. to reach pumping water level ~~127'~~ 127' ft. below M.P.

**II. Recovery pump test data - observations to be recorded every 15 minutes**

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
10:45	34	20		15
11:00	86	20		15
11:15	127	2:40		1.8
11:30	127	2:40		1.8
11:45	127	2:40		1.8
12:00	127	2:40		1.8
12:15	127	2:40		1.8
12:30	127	2:40		1.8
12:45	127	2:40		1.8
1:00	127	2:40		1.8
1:15	127	2:40		1.8
1:30	127	2:40		1.8
1:45	127	2:40		1.8
2:00	127	2:40		1.8
2:15	127	2:40		1.8
2:30	127	2:40		1.8
2:45	127	2:40		1.8
3:00	127	2:40		1.8
3:15	127	2:40		1.8
3:30	127	2:40		1.8
3:45	127	2:40		1.8
4:00	127	2:40		1.8
4:15	127	2:40		1.8
4:30	127	2:40		1.8





B 1 13756

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

Ho - 94 - 2707

fill in this form completely

Date Received (APA)

OWNER INFORMATION

Big Branch Overlook LCC
7164 Columbia Gateway Dr Suite 230
Columbia MD 21046

B 3 LOCATION OF WELL

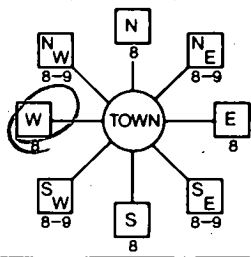
Howard
Big Branch Overlook 14104
Dayton

MILES FROM TOWN (enter 0 if in town) 2

DRILLER INFORMATION

Allen Compton MS D 009
Fogle's Well Drilling
580 Obrecht Rd Sykesville Md 21784

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Big Branch Dr

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
150'
ENTER FT OR MI

B 2 WELL INFORMATION
APPROX. PUMPING RATE 5
AVERAGE DAILY QUANTITY NEEDED 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 05 26 00
CO SIGNATURE EAST GRID 0795

APPROXIMATE DEPTH OF WELL 300 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

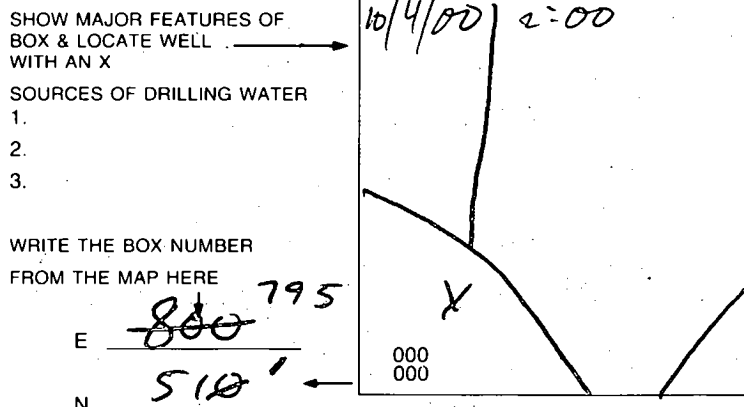
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTARY DRive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
THIS WELL WILL DEEPEAN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROX. PERMIT NUMBER
PERMIT No. Ho - 94 - 2707



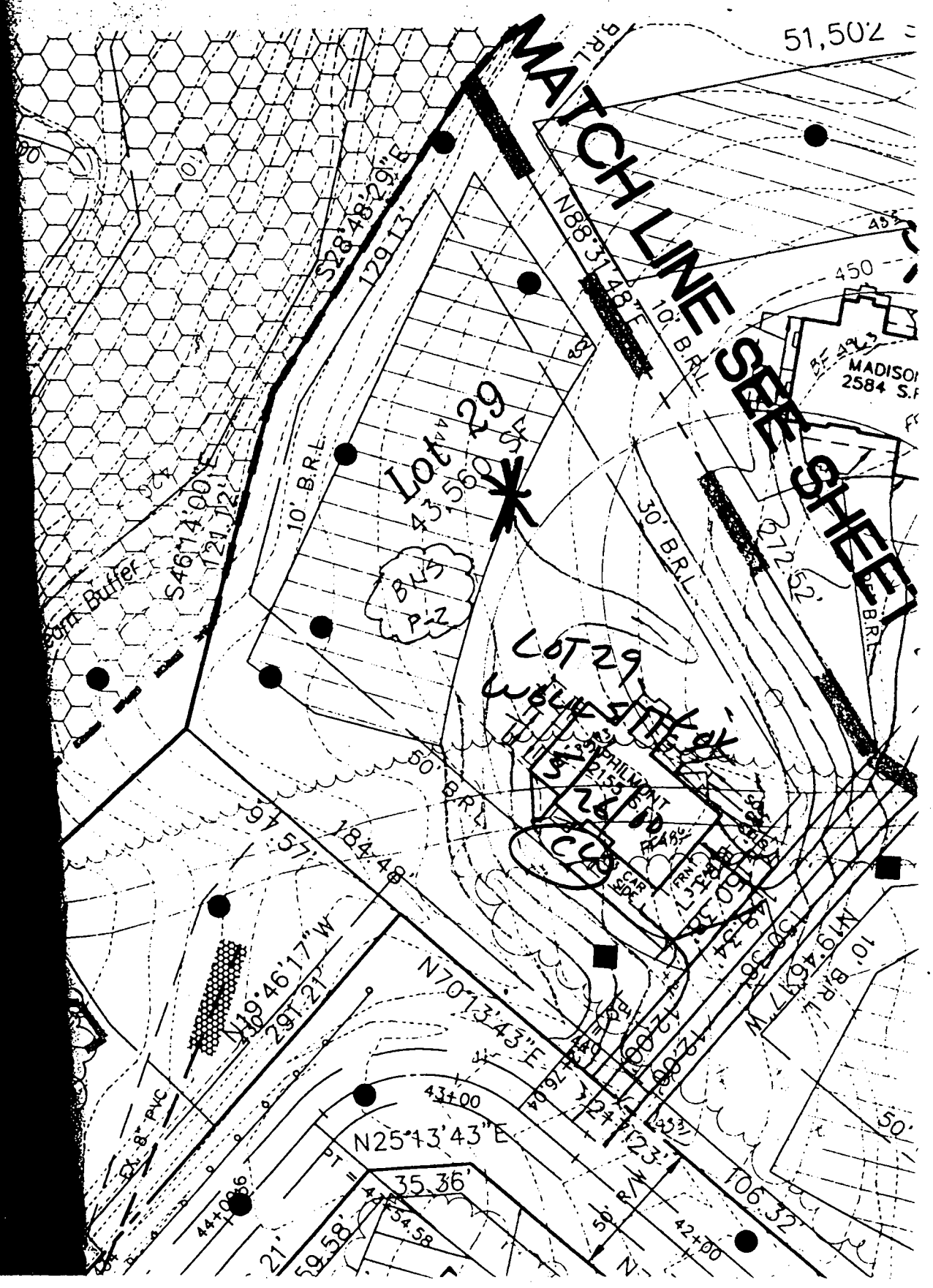
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

APPROVED  
REVIEWED

FINAL PLAN IS APPROVED AND SOIL EROSION AND



51,502

MADISON  
2584 S.F.

LOT 28  
44.20  
43.59  
43.56

LOT 29  
W64 STEEL  
CUB

STEEL

Form Buffer

S46°14'00"E  
121.12

10' B.R.L.

30' B.R.L.

10' B.R.L.

N19°46'17"W  
297.21

N70°13'43"E  
123.32

N19°46'17"W  
130.30

N25°43'43"E  
35.36

106.32

44+08.66

43+00

42+00

50'

# APPLICATION

PERCOLATION TESTING

A 57577

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER C.M.C. CONSTRUCTION, INC.

ADDRESS \_\_\_\_\_ PHONE 67 29

AGENT OR PROSPECTIVE BUYER CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD PHONE 410-989-4630

PROPERTY LOCATION: Big Branch Overlook - Big Branch Drive

SECTION ~~3000~~ LOT NO. 29

ROAD AND DESCRIPTION HOWARD ROAD 3,000' ± FROM INTERSECTION  
TRIDELPHIA ROAD (SOUTH)

TAX MAP 27 PARCEL # 19

SIZE OF LOT 40,000 - 50,000 SQ. FT. TYPE BLDG. SINGLE FAMILY DWELLING  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Charles A Sharp  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

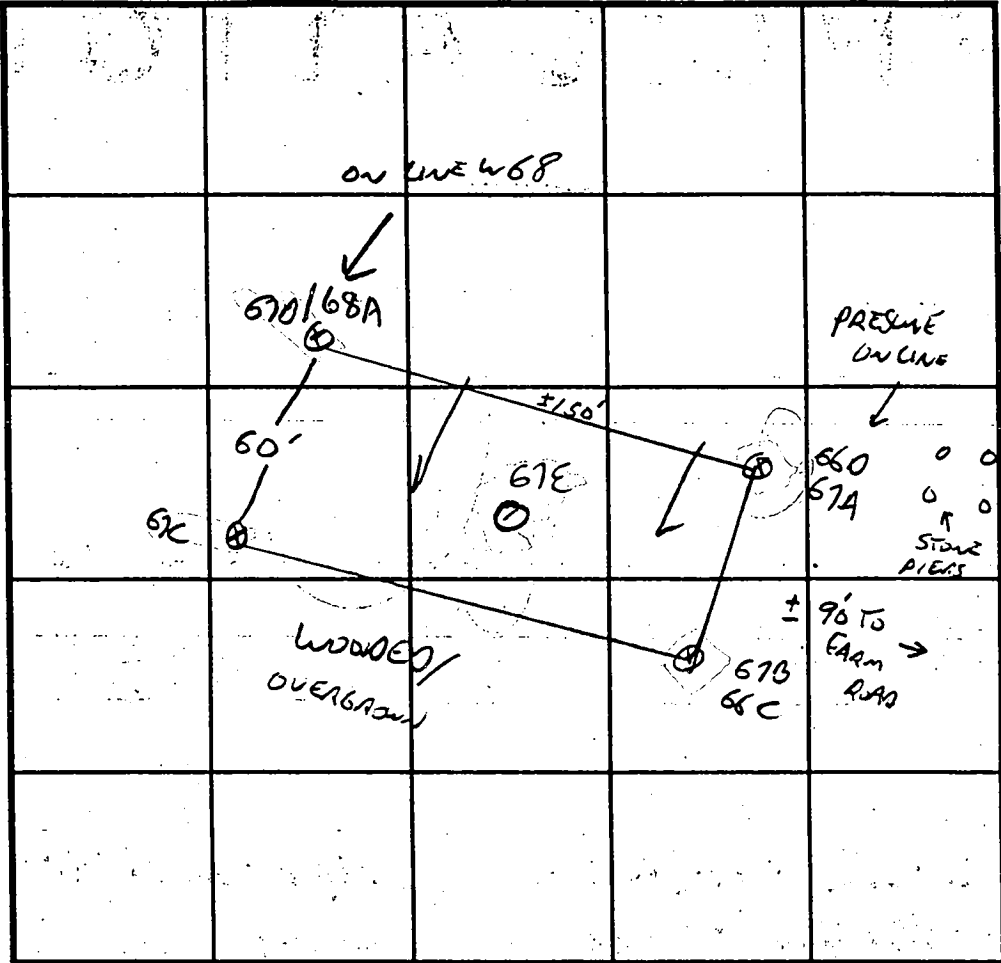
# THIS IS NOT A PERMIT

A57577

COUNTY #

SOIL PROFILE

0'



SOIL PROFILE

67E

0'

1

3

11'

TOPSOIL  
BROWN/ORANGE  
SANDY  
SILT

6116  
BROWN  
S.S.L.  
5%  
MIXED  
ROCK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/19/96	67C	3/11V		SEE LOT 68			2MIN
	> 670/68A	2					2MIN
		4.5/11.5V					2MIN
	> 660/67A	4/12					3MIN
		9					2MIN
	67B/66C	3.5/12					2MIN
12/6/96-7	67E	11V OK					

REMARKS LOT 67, SHALLOW SYSTEM, SEE LOT 68 FOR SOILS

TYPE OF SOIL Lot 29

TESTED BY G. SAVAGE ALSO PRESENT C. SHARP R. DEMIT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

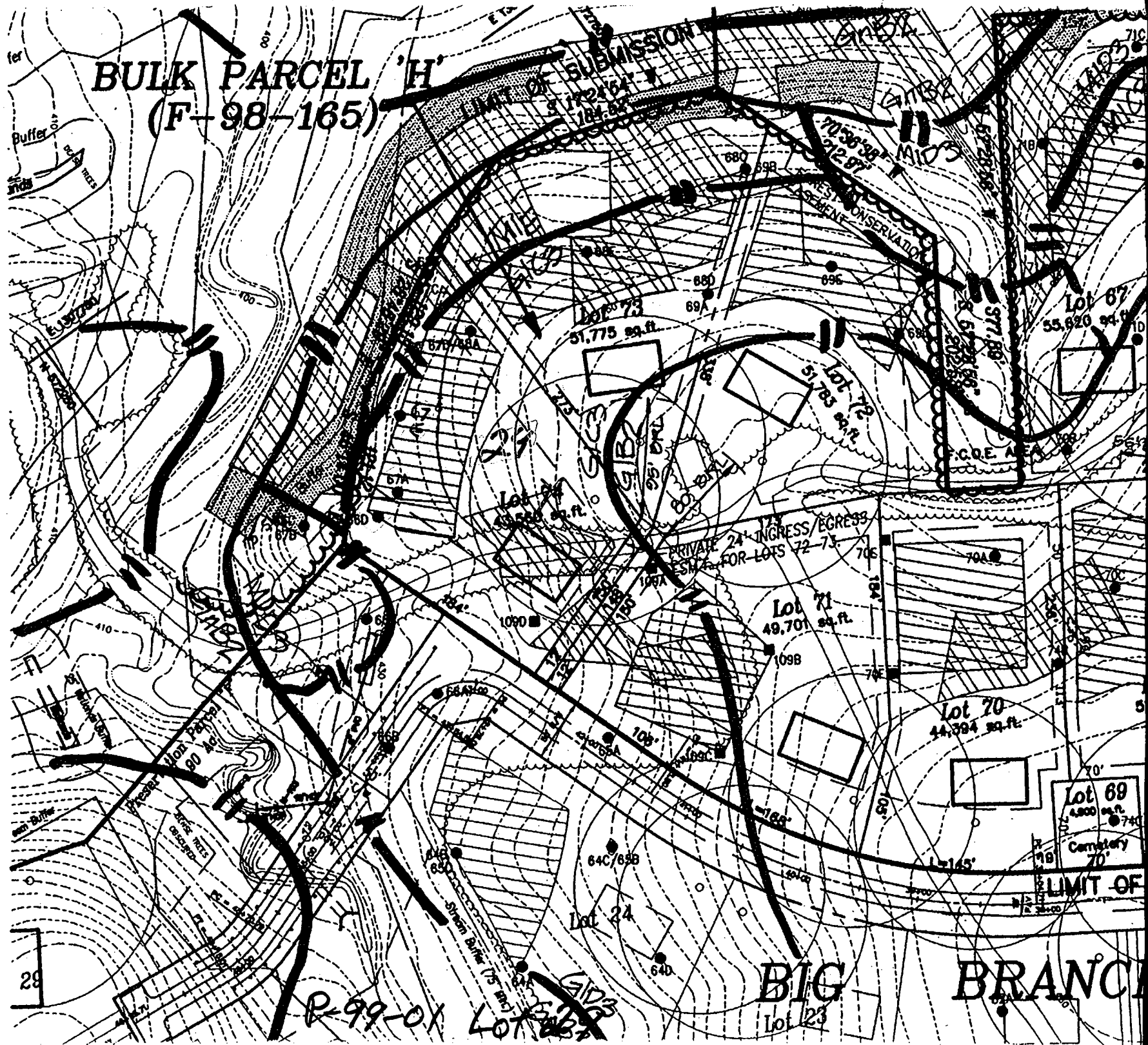
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# BULK PARCEL 'H'

(F-98-165)

EA	MINIMUM LOT SIZE
	48,669 S.F.
	43,987 S.F.
	47,382 S.F.
	53,814 S.F.
	44,485 S.F.
	42,190 S.F.

ED REQUIRED
DEO
O
DEO
DEO



R-99-01 Lot 23

BIG BRANCH

To be used as a grassed play area and  
No grading or play equipment allowed

**Preservation Parcel C**  
(Non-Buildable)  
Owner: Big Branch Overlook, LLC  
Presently Home of Howard County  
Maryland & Big Branch Overlook  
Homeowners' Association, Inc.  
Area: 318,148 sq. ft.  
7,5206 Ac.

100 Year Floodplain  
Drainage & Utility  
Easement

Forest Conservation Easement Area 5  
343,786 sq. ft. 7.8918 Ac.

**F-98-165**  
**Lot 29**

Big Branch Overlook  
F-98-167  
See Sheets 4 & 5 of 6

**Floodplain Table**

Line	Length	Bearing
FP83	109.43	S38°55'34"V
FP84	191.96	S24°36'32"V
FP85	232.17	S46°26'15"V
FP86	7.84	S17°16'51"V
FP87	332.07	N57°34'43"E
FP88	171.12	N29°54'22"E
FP89	197.76	N19°51'43"E
FP90	19.90	N55°04'32"E

E 130°30'  
N 57°25'00"