

LAYOUT 9/19/02 11:00 Am INSP 4 _____
 INSP 2 9/25/02 12:00 pm INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 9/14/2002

P 517903

APPROVAL DATE: 1/6/03

A 56600-R

**PERMIT
INDEXED**

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

05-432812

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: High Forest Estates LOT NUMBER: 18

ADDRESS: 15008 Oak Ridge Court PROPERTY OWNER: Big Branch Overlook, LLC

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved site plan. Run trenches on contour.
NOTES:	Basement service by gravity is not proposed.

PLANS APPROVED: Steven R. Krieg *OK 7/7/02 (SO)* DATE: 6/18/2002

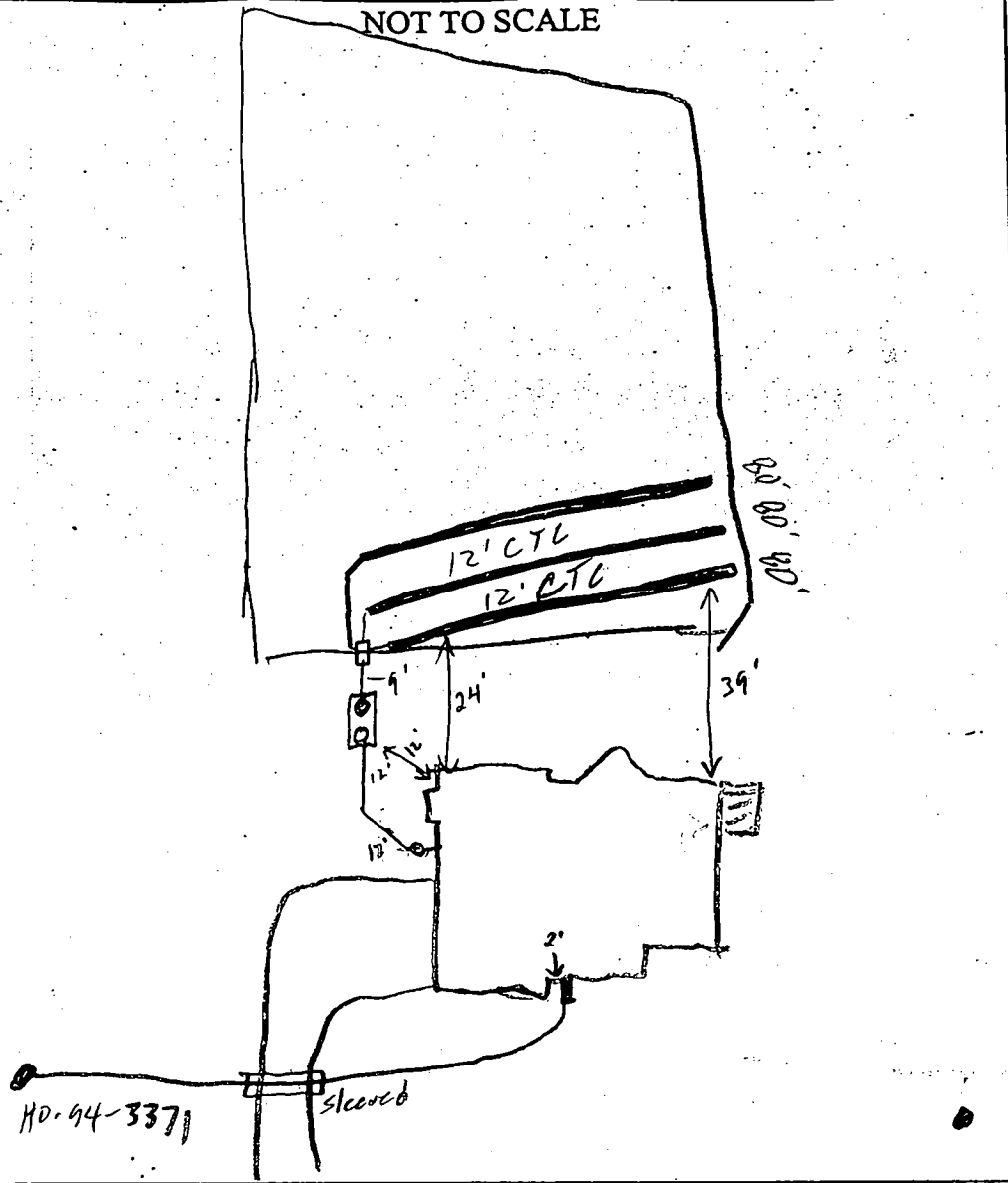
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS 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 PERMITTED RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT BUILDING PERMIT SIGNED AND RETURNED

8/21/03 800143725-DECK

A56600-R

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2'	4'
NUMBER OF TRENCHES		3
TOTAL LENGTH		240'
ABSORPTION AREA		720 sq ft
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	F&B
6" PORT LOC	
WATERTIGHT TEST	
SEPTIC TANK 2 LEVEL _____	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

Oak Ridge Rd ROAD

9/19/02 - PRE-CONSTRUCTION lot stake, measure 100' of well for tank. Install either (3) 80' or 60'/80'/100' trenches depending on what fit OK to make D.B. (SB)

INSTALLATION 9/25/02 OK to cover all work. House conn. needed (SB) 1/6/03 - HOUSE CONN. MADE PER BUILDER - (SRK)

FINAL INSPECTOR Steven R. Krieg

DATE OF APPROVAL 1/6/03

UNIVERSITY OF MISSISSIPPI
SCHOOL OF CIVIL ENGINEERING

FOREST CONSERVATION
EASEMENT AREA 5



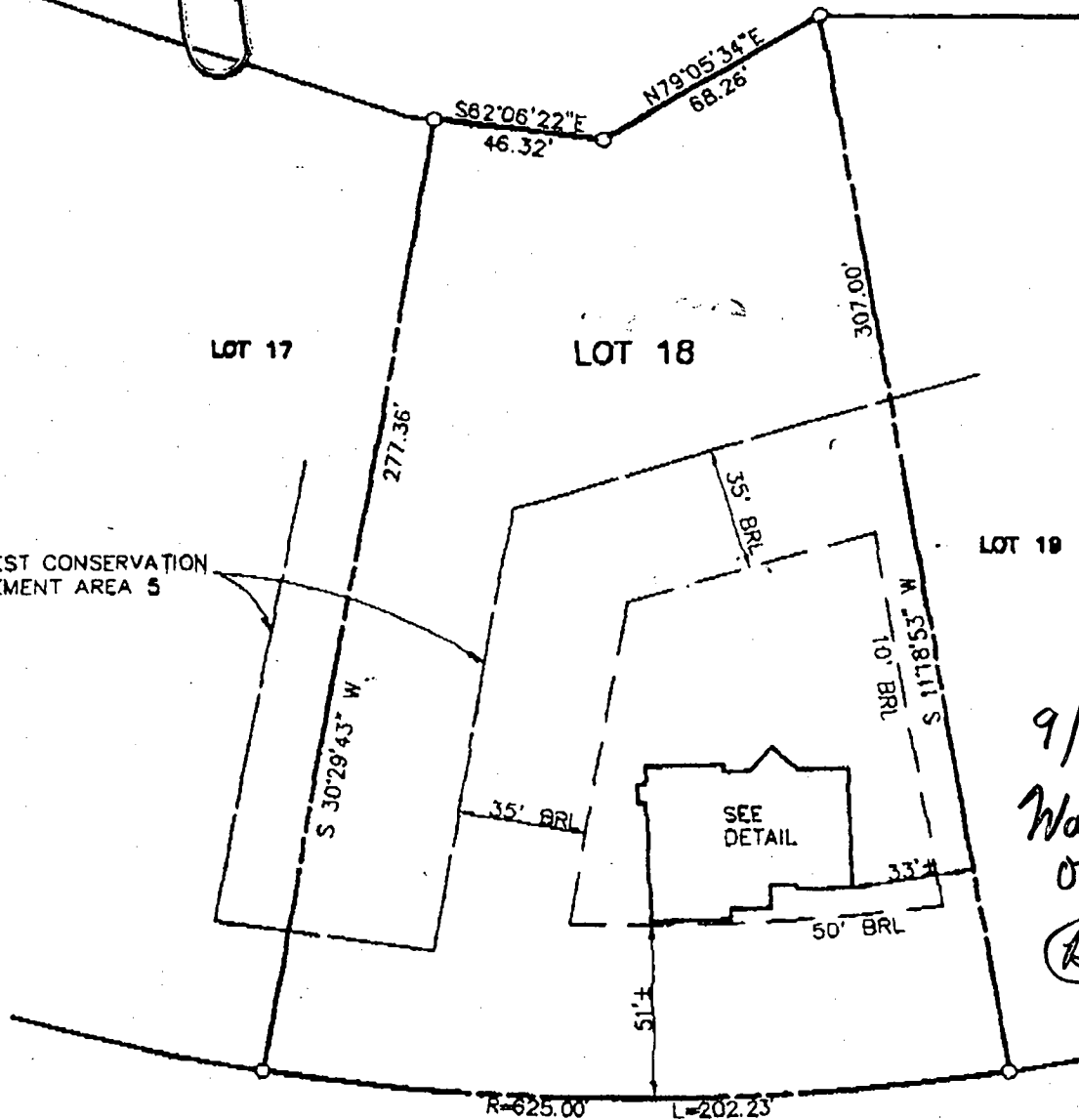
LOT 17

LOT 18

LOT 19

FOREST CONSERVATION
EASEMENT AREA 5

9/4/02
Wall Check
O.K.
BB



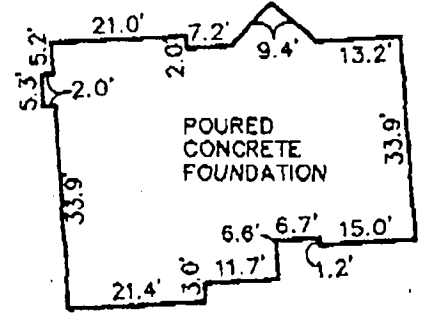
OAK RIDGE COURT
(50' R/W)

TOP OF FOUNDATION WALL ELEVATION = 472.7'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

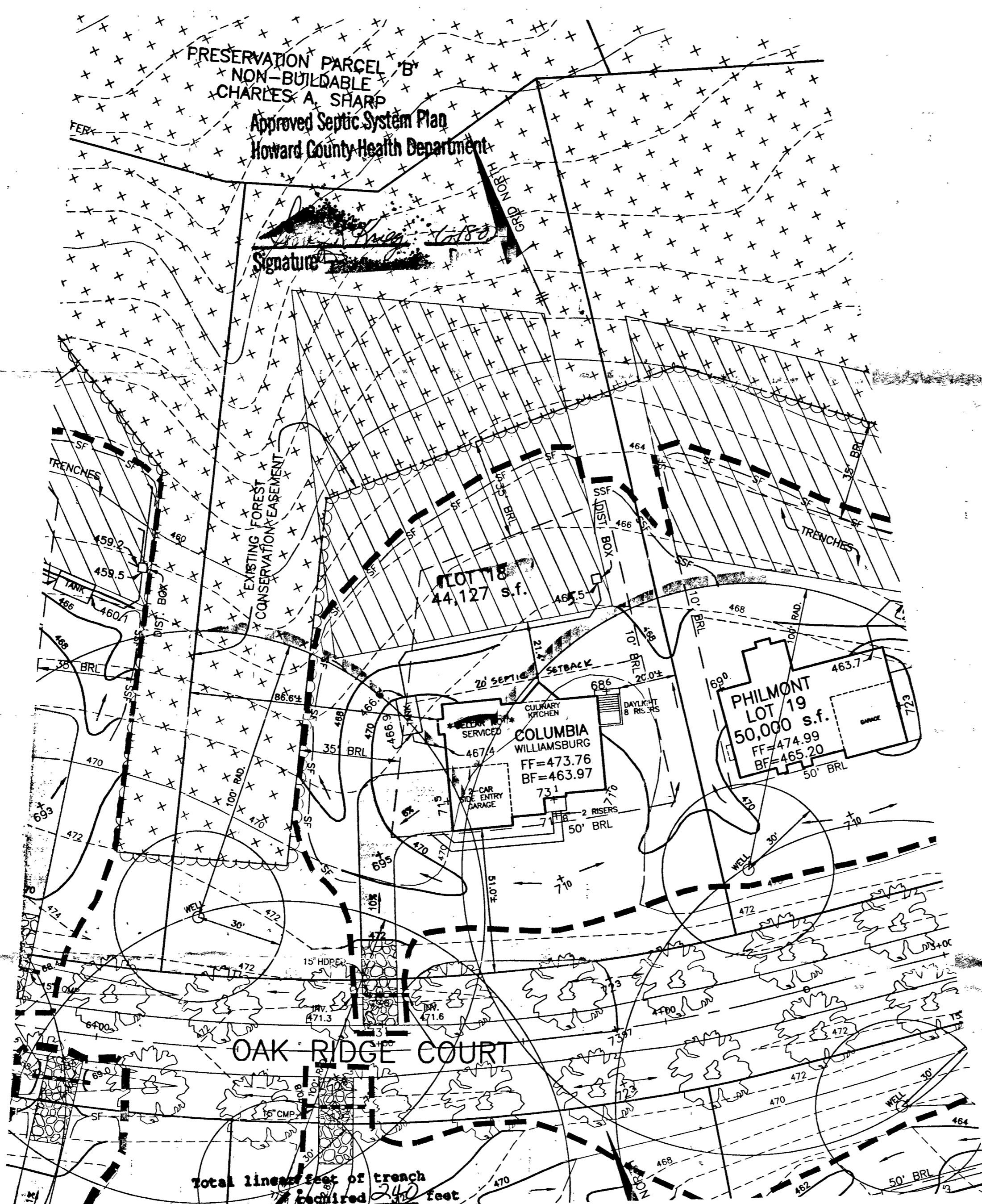
SURVEYOR'S CERTIFICATE

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 07/12/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCHI, P.C. INC. ENTITLED "HIGH FOREST ESTATES LOTS 1 THROUGH 50" AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 13980


David M. Horner

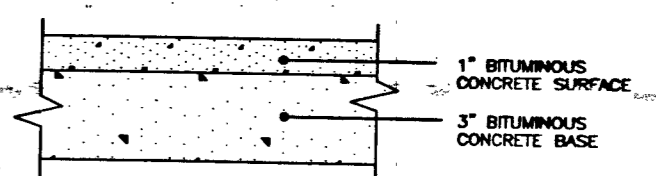


FOUNDATION DETAIL
SCALE: 1" = 30'



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13960, 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-01-176 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.

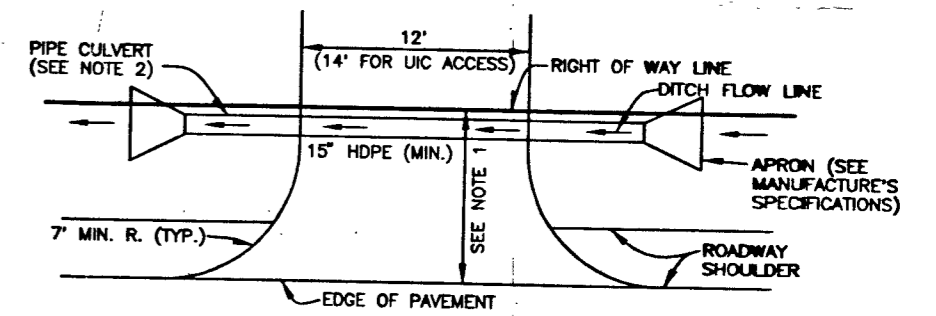


FULL DEPTH BIT. CONC. ALTERNATIVE

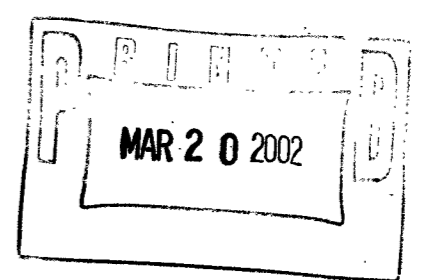
P-1 PAVING DETAIL
NOT TO SCALE

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-8.06 FOR ADDITIONAL INFORMATION.



DRIVEWAY CULVERT
NOT TO SCALE



LEGEND

- 470. EXISTING CONTOURS AS SHOWN ON F-98-167
- 472. PROPOSED CONTOURS
- EXISTING TREELINE
- PROPOSED TREELINE
- SF SILT FENCE
- SSF SUPER SILT FENCE
- EARTH DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF DISTURBANCE
- SEPTIC EASEMENT
- WELL LOCATION
- WELL
- STREET TREE INSTALLED UNDER F-98-167

Total linear feet of trench required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 4 feet PLAN

Depth of stone required below distribution pipe 2 feet

SCALE: 1" = 30'

<p align="center">BENCHMARK ENGINEERS • LAND SURVEYORS • PLANNERS</p> <p align="center">ENGINEERING, INC.</p> <p align="center">8480 BALTIMORE NATIONAL PIKE • SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6844</p>	PROJECT: HIGH FOREST ESTATES LOT 18	
	LOCATION: 15008 OAK RIDGE COURT TAX MAP 27, GRID 6 - PARCEL 140,141,142 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
<p>BUILDER: TOLL BROTHERS, INC. 7164 COLUMBIA GATEWAY DRIVE SUITE 230 COLUMBIA, MARYLAND 21046 410-872-9105</p>	TITLE: PLOT PLAN	
	HOUSE: COLUMBIA (Williamsburg)	
	DATE: MARCH 19, 2002	PROJECT NO. 1362
SCALE: AS SHOWN	DRAWING <u>1</u> OF <u>1</u>	

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 (WDD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fogle Well Drilling Telephone #: 410-795-5670
Address: 588 Obrecht 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: Tell Brothers Telephone #: _____
Subdivision: High Forest Estates Lot #: 05909 Well Tag #: HO 94-3371
Site Address: 15808 Oak Ridge Ct 18

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Goulds Make: Campbell Two piece watertight cap: yes
Model #: 75807 Model #: _____ Screened, vented well cap: yes
Pump Capacity: 7 GPM Depth: 42" (36" min) Cap secured to casing: yes
Well Yield: 12 GPM NSF/WSC approved: yes Conduit min 1 1/2" B.G.: yes
Depth of well encountered at time of pump installation: 200 (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 17.8.4
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 N/A

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: 5
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] 12-17-02
Signature of company representative responsible for installation date

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

Date Insp. Requested: 10/9/02 Date Insp. Approved: 10/9/02 Inspector: (50) SRK
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 1 1/2" below grade/attached to cap properly ✓
Safety rope not seen outside of well cap/casing ✓
Correct well tag attached properly and casing 5" above finished grade ✓
Water supply line sleeved adequately at house connection ✓
Adequate grout observed below pitless adapter ✓

C1 - 14458

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 COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER 13 A56600R

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 4 27 02

Depth of Well 22 200 26 6/18/02

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3371

OWNER: TOLL Brothers Toll Brothers; STREET OR RFD: Oak Ridge Ct.; TOWN: Glenelg; SUBDIVISION: HIGH FOREST ESTATES; SECTION: ; LOT: 18

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Brown-mica & Shale, Gray Limestone, Brown, Gray Limestone, White, Gray Limestone.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay), NO. OF BAGS 13, NO. OF POUNDS 1222, GALLONS OF WATER 78, DEPTH OF GROUT SEAL 43 ft.

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter top (main) casing 06, Total depth of main casing 55.

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT), insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0; WELL HYDROFRACTURED: YES (Y), NO (N)

C2 DEPTH (nearest ft.): 55, 200; E A C H S R E E N table with columns: 8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51.

CIRCLE APPROPRIATE LETTER: A (well abandoned and sealed), E (electric log obtained), P (test well converted to production well).

SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH) 56, 60; from, to

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...

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

DRILLERS LIC. NO. M SD 009; DRILLERS SIGNATURE; LIC. NO. D

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3 PUMPING TEST: HOURS PUMPED 03, PUMPING RATE 12.0, METHOD USED TO MEASURE PUMPING RATE 19 gal, WATER LEVEL 41 ft. before, 44 ft. when pumping, TYPE OF PUMP USED (S) submersible.

PUMP INSTALLED: DRILLER INSTALLED PUMP (NO), IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED (S), 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) 02 (nearest foot); LAND SURFACE; 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

W516852-N

9769

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

Ho-94-3371

fill in this form completely

Date Received (APA)

03/01/02

OWNER INFORMATION

1011 Brothers
14203 Howard RD
Doughton Md 21036

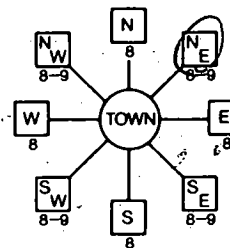
LOCATION OF WELL

Howard
High Forest Estates
Glencig
4 MILES FROM TOWN

DRILLER INFORMATION

Allen Compton M S D 009
Fogles Well Drilling
580 Obrecht RD
2-27-02

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Oak Ridge Ct.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 20 FT
TAX MAP: 27 BLK: 11 PARCEL 147

WELL INFORMATION
APPROX. PUMPING RATE 5 GAL. PER MIN.
AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

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 A 56600 R
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 03/13/02
CO SIGNATURE R. Fogles
EXP. DATE 03/13/03
NORTH GRID 511 000 EAST GRID 0795 000

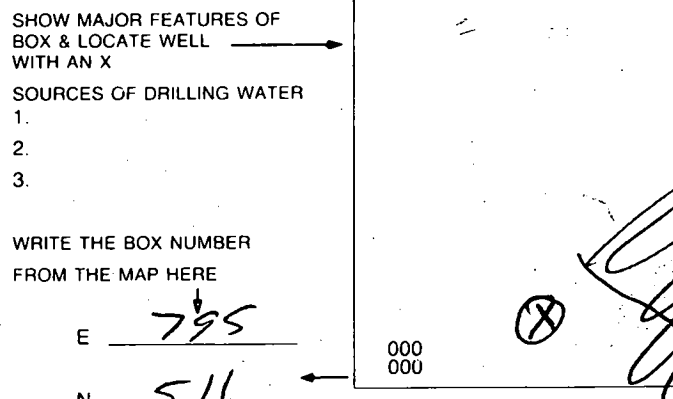
APPROXIMATE DEPTH OF WELL 300 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

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 DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED



Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROP. PERMIT NUMBER G
PERMIT No. HO-94-3371

SPECIAL CONDITIONS
NOTE: APPROVING AUTHORITY'S SHOULD USE SEPARATE SHEET IF NEEDED.

B 1	5900	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	STATE PERMIT NUMBER HO-94-2851
		W513677 please print or type		
fill in this form completely				

OWNER INFORMATION

Date Received (APA) _____

8 MM DD YY 18
Kim Donta Quack

15 Last Name Owner First Name 34

36 10 Miller Lane Street or RFD 55

Chesapeake Md 21208

57 Town 70 State 72 Zip 76

LOCATION OF WELL

B 3 Howard

8 COUNTY 21

High Forest Est.

23 SUBDIVISION 42

SECTION 44 LOT 18

44 46 48 50

Daxton

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 4 1/2 M I

73 76 77 78

DRILLER INFORMATION

Joseph T. Wayne MD 5 D 0 2 0

Driller's Name License No. 81

Joseph T. Wayne Drilling

Firm Name

5512 Ridge Rd Mt. Airy Md 21276

Address

Joseph T. Wayne 7/14/00

Signature Date

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

Oak Ridge Ct.

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 20 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL _____

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22 INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO A5660CR

COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S →

DATE ISSUED 9/1/00 A. M. Mell 9/7/01

43 MM DD YY 48 CO SIGNATURE EXP DATE

NORTH GRID 510 000 EAST GRID 790 000

50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET

24 28

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVerse-ROTary DRive-POINT

other _____

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

39 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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____ **G** _____

PERMIT No. HO-94-2851

70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. Well

2. _____

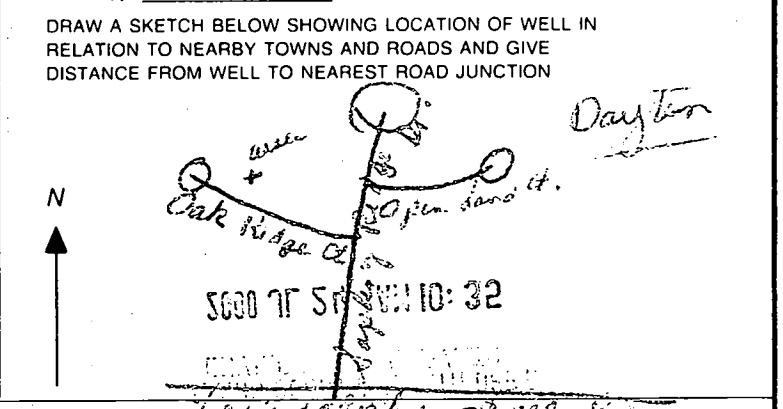
3. _____

WRITE THE BOX NUMBER FROM THE MAP HERE

E 790

N 510

000
000



B 1 5900

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2851

4513699 please print or type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM ADD YY 13
15 Last Name Owner First Name 34
10 Mellor Ave.
36 Street or RFD 55
57 Town 70 State 72 Zip 76

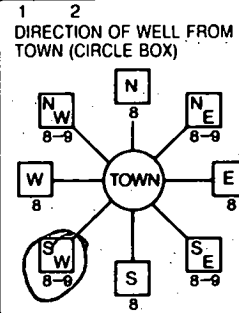
LOCATION OF WELL

8 COUNTY Howard
23 SUBDIVISION High Forest East
SECTION 44 46 LOT 48 50 18
52 NEAREST TOWN Dayton
MILES FROM TOWN (enter 0 if in town) 4 1/2 M I

DRILLER INFORMATION

Driller's Name Joseph L. Mayne M SD 024
76 License No. 81
Firm Name Joseph L. Mayne Well Drilling
Address 5512 Ridge Rd Mt. Airy Md 21771
Signature Joseph L. Mayne Date 7/14/00

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD Oak Ridge Ct. 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 20 37 DISTANCE FROM ROAD. Ft
ENTER FT OR MI 38 39

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN.
AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

TAX MAP: BLK: PARCEL

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
I INDUSTRIAL, COMMERCIAL, DEWATERING
P PUBLIC WATER SUPPLY WELL
T TEST, OBSERVATION, MONITORING
G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO A56600R
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 9/7/00 A. M. Y. M. D. 9/7/01
CO SIGNATURE EXP. DATE
NORTH GRID 510 000 EAST GRID 790 000

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. Well
2.
3.

METHOD OF DRILLING (circle one)

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

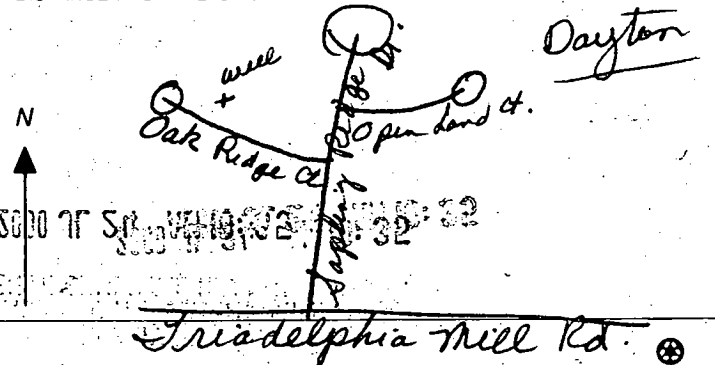
WRITE THE BOX NUMBER FROM THE MAP HERE

E 790
N 510

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER G
PERMIT No HO-94-2851

SPECIAL CONDITIONS
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

APPLICATION

PERCOLATION TESTING

A 57577

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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 _____

AGENT OR PROSPECTIVE BUYER CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD PHONE 410-989-4630

PROPERTY LOCATION:

BDIVISION C.M.C. CONSTRUCTION PROPERTY LOT NO. 3831

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 _____

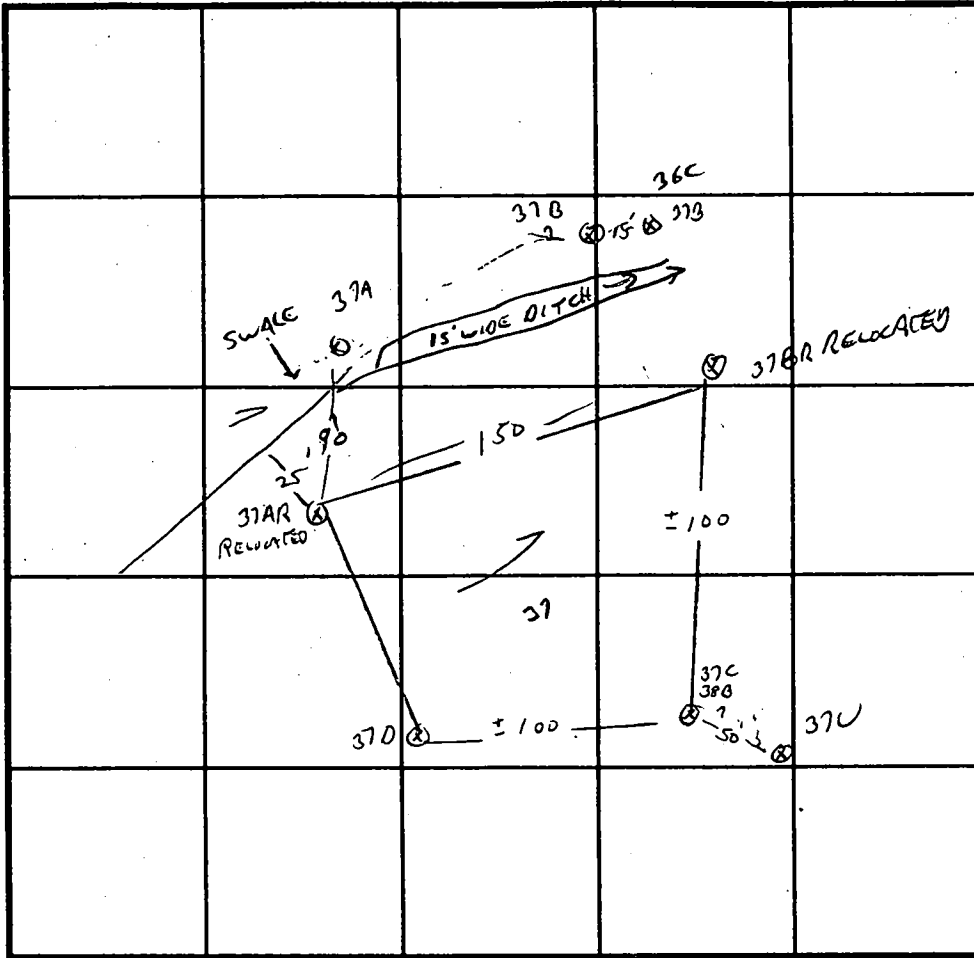
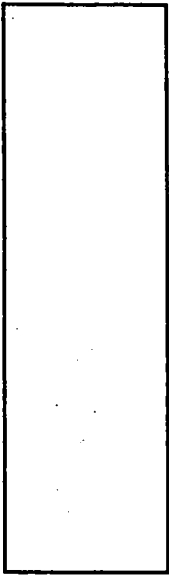
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

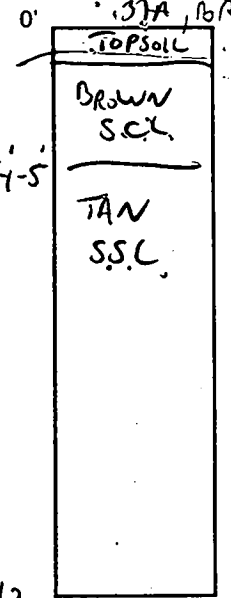
THIS IS NOT A PERMIT

A 57577
COUNTY #

SOIL PROFILE



SOIL PROFILE



37B/36C
TOPSOIL
PINK BROWN S.L.
2
TAN S.S.C.
2.5' PLATY SHALE BELOW 4.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/4/96	37AR	35' / 12V	2:38	2:40	2:40	2:42	2AW
		8' Vok					
	37BR		2:47	2:49	2:49	2:52	3AW
	37B/36C	2.5' / 10V	2:49	2:51	2:51	2:55	3MIN
	X	1' TOO FAST TO		TIME			
	37B/36C/2	1' 3" / 11V	3:36	3:38	3:38	3:44	6AW
5/1/97	37U	12V					OK

37U
DARK BROWN LOAM
5' SAND
ROCK FRAGS
NO OBSERVED WATER TABLE

REMARKS: LOT 37, SEE ALSO LOT 38, VARIES FROM PLAN
TYPE OF SOIL _____
TESTED BY: G. SAVAGE ALSO PRESENT C. SHARP
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

72

X

CHARLES A. SHARP, LLC
3779 Sharp Road
Lenwood, Maryland 21738
(410) 489-4630
Attn.: Mr. Charles A. Sharp
Presiding Member

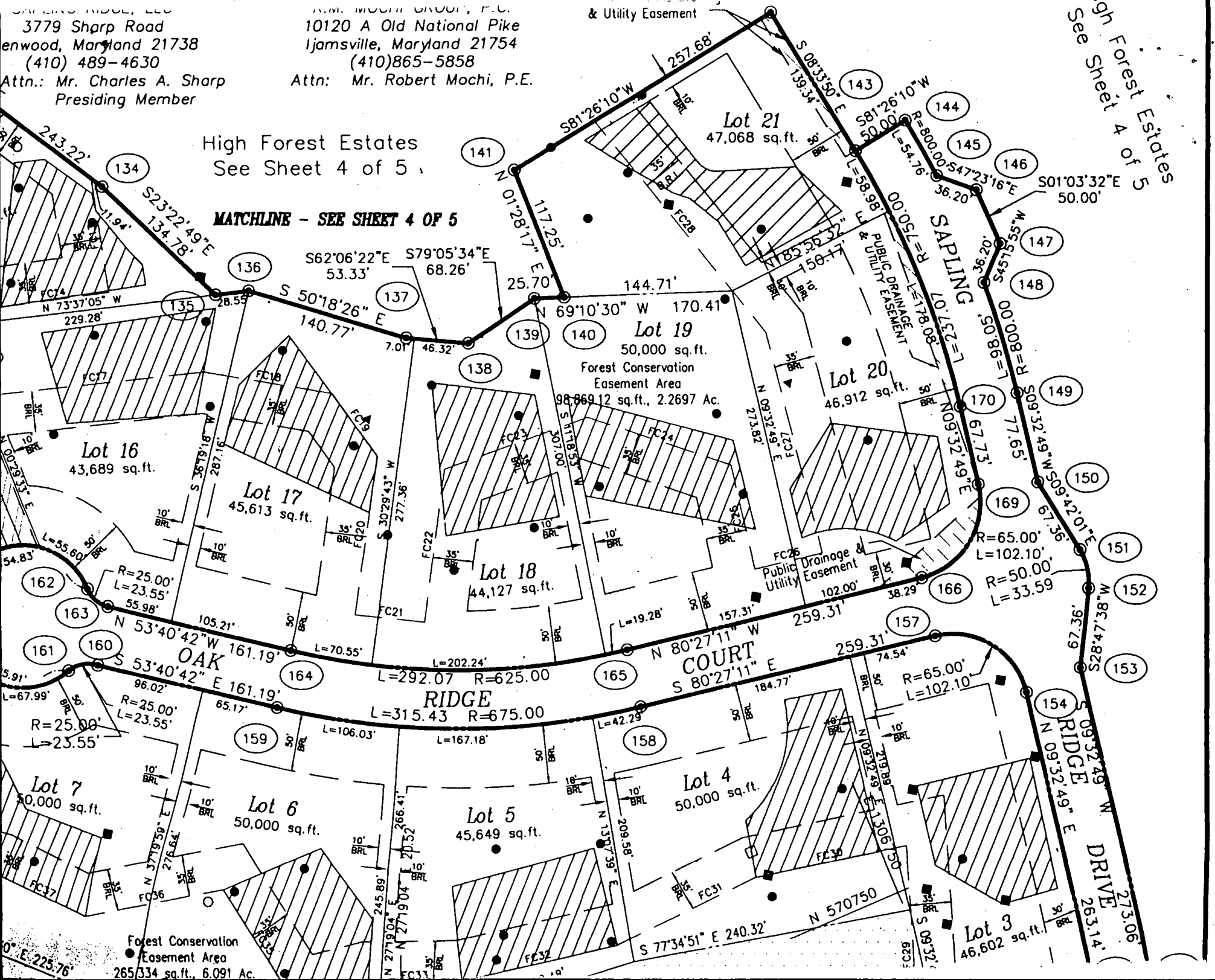
R.M. MOCHI GROUP, P.C.
10120 A Old National Pike
Ijamsville, Maryland 21754
(410)865-5858
Attn: Mr. Robert Mochi, P.E.

& Utility Easement

High Forest Estates
See Sheet 4 of 5

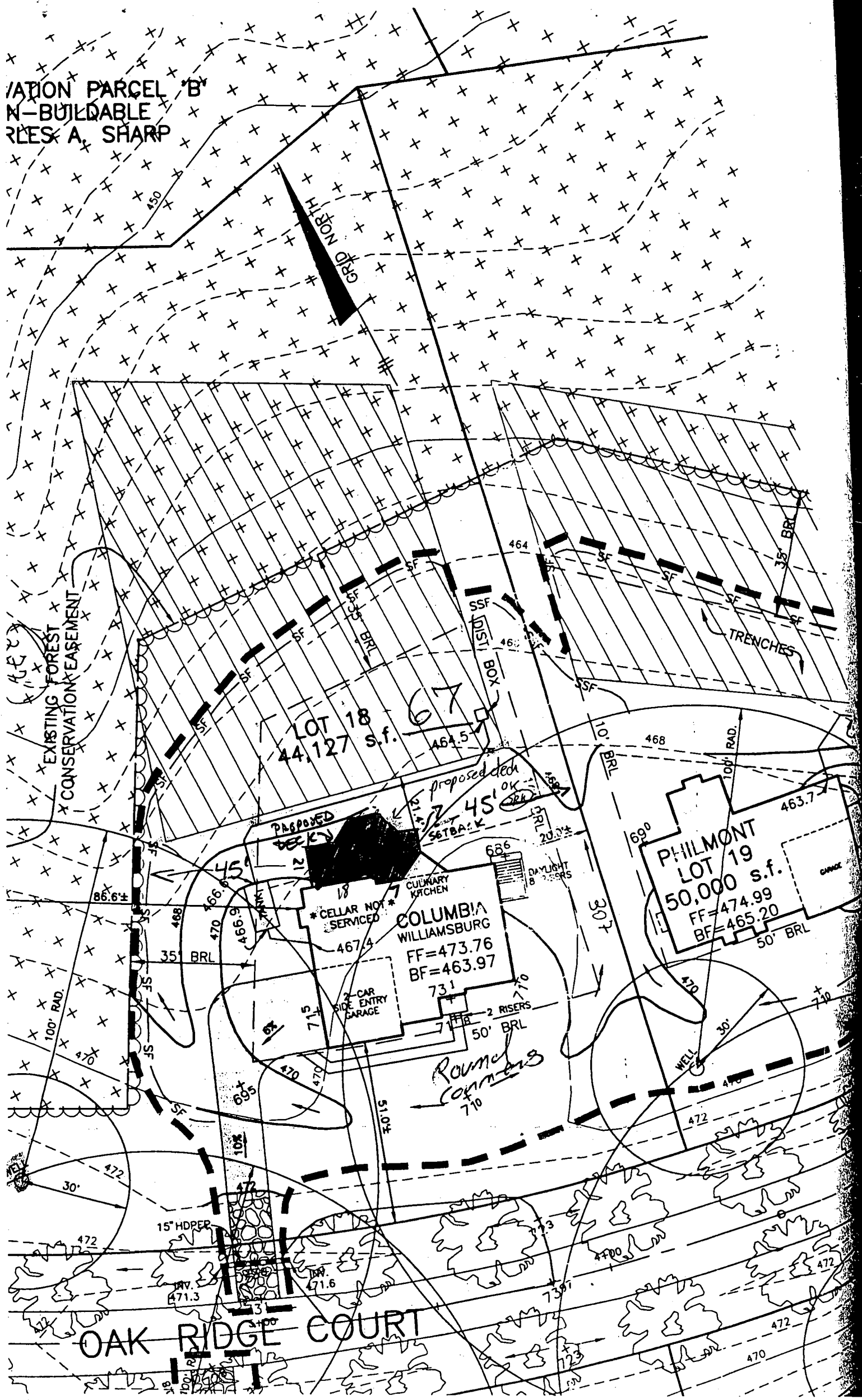
MATCHLINE - SEE SHEET 4 OF 5

High Forest Estates
See Sheet 4 of 5



800-43725

SECTION PARCEL 'B'
N-BUILDABLE
RILES A. SHARP



LOT 18
44,127 s.f.

PHILMONT
LOT 19
50,000 s.f.
FF=474.99
BF=465.20

COLUMBIA
WILLIAMSBURG
FF=473.76
BF=463.97

OAK RIDGE COURT