

LAYOUT 10/20/03 11 am INSP 4 2/2/04 - 2 PM
 INSP 2 11/13/03 1 pm INSP 5 _____
 INSP 3 12/15/03 - AM INSP 6 _____

ISSUE DATE: 9/25/2003

APPROVAL DATE: 2/2/04

**PERMIT
INDEXED**

P 519590

A 56600-I

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

05-432715

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER
 ADDRESS: 580 Obrecht Rd, Sykesville 21784 PHONE NUMBER: 410-795-5670
 SUBDIVISION: High Forest Estates LOT NUMBER: 9
 ADDRESS: 15025 Oak Ridge Court PROPERTY OWNER: Big Branch Overlook, LLC
 SEPTIC TANK CAPACITY (GALLONS): 1500 ← OUTLET BAFFLE FILTER REQUIRED
 PUMP CHAMBER CAPACITY (GALLONS): 1500 ← COMPARTMENTED TANK REQUIRED
 WITH MANHOLE ACCESS
 NUMBER OF BEDROOMS: 5
 SQUARE FEET PER BEDROOM: 180
 LINEAR FEET OF TRENCH REQUIRED: 250 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 3.5 feet of stone below distribution pipe.
LOCATION:	Place the distribution box about 5' above the middle of the top of the easement. Conserve as much remaining area as possible. Part of the easement is not usable because of 25% or greater slopes.
NOTES:	Make sure the top trench is 100' from the two nearby wells.

PLANS APPROVED: Brian Baker 9/25/03 DATE: 7/17/03

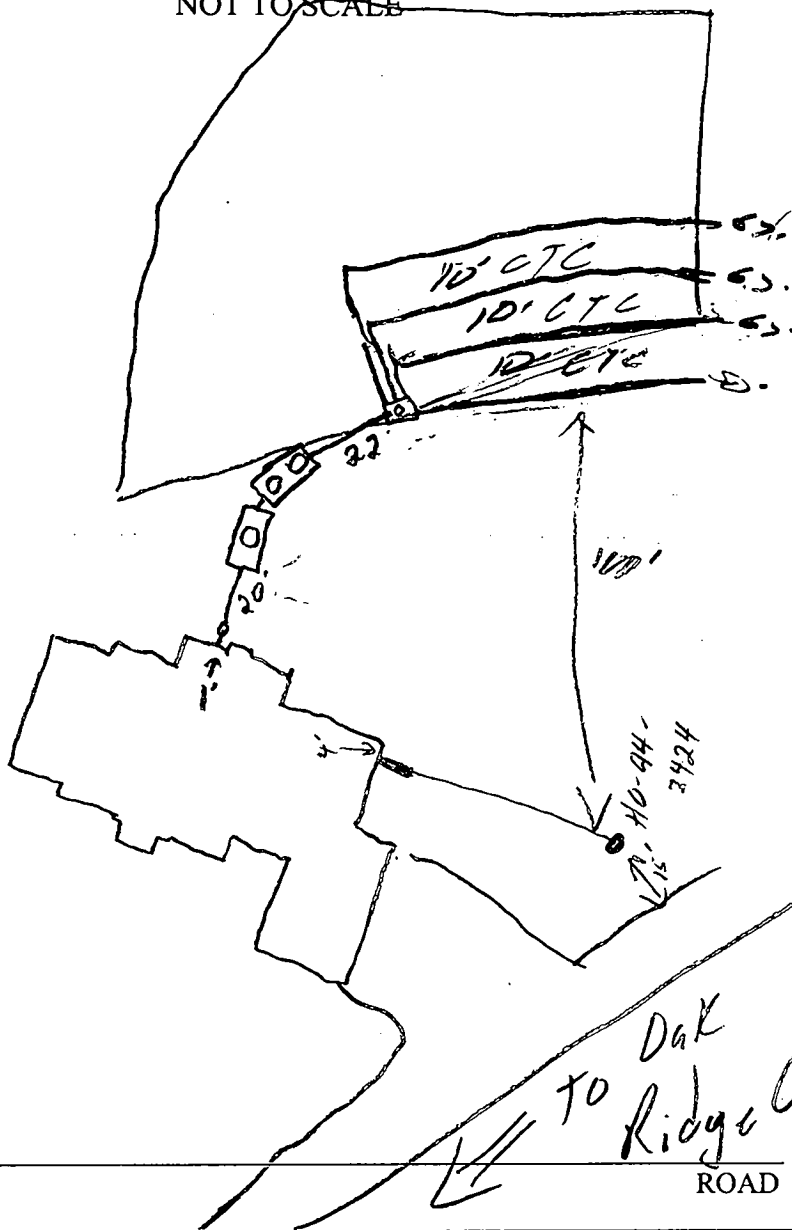
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS 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 56600 - I

NOT TO SCALE

50



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2	3	6.5
NUMBER OF TRENCHES		4
TOTAL LENGTH		250
ABSORPTION AREA		875 4
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	1.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	F&B
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	<input checked="" type="checkbox"/>
WATERTIGHT TEST	<input checked="" type="checkbox"/>

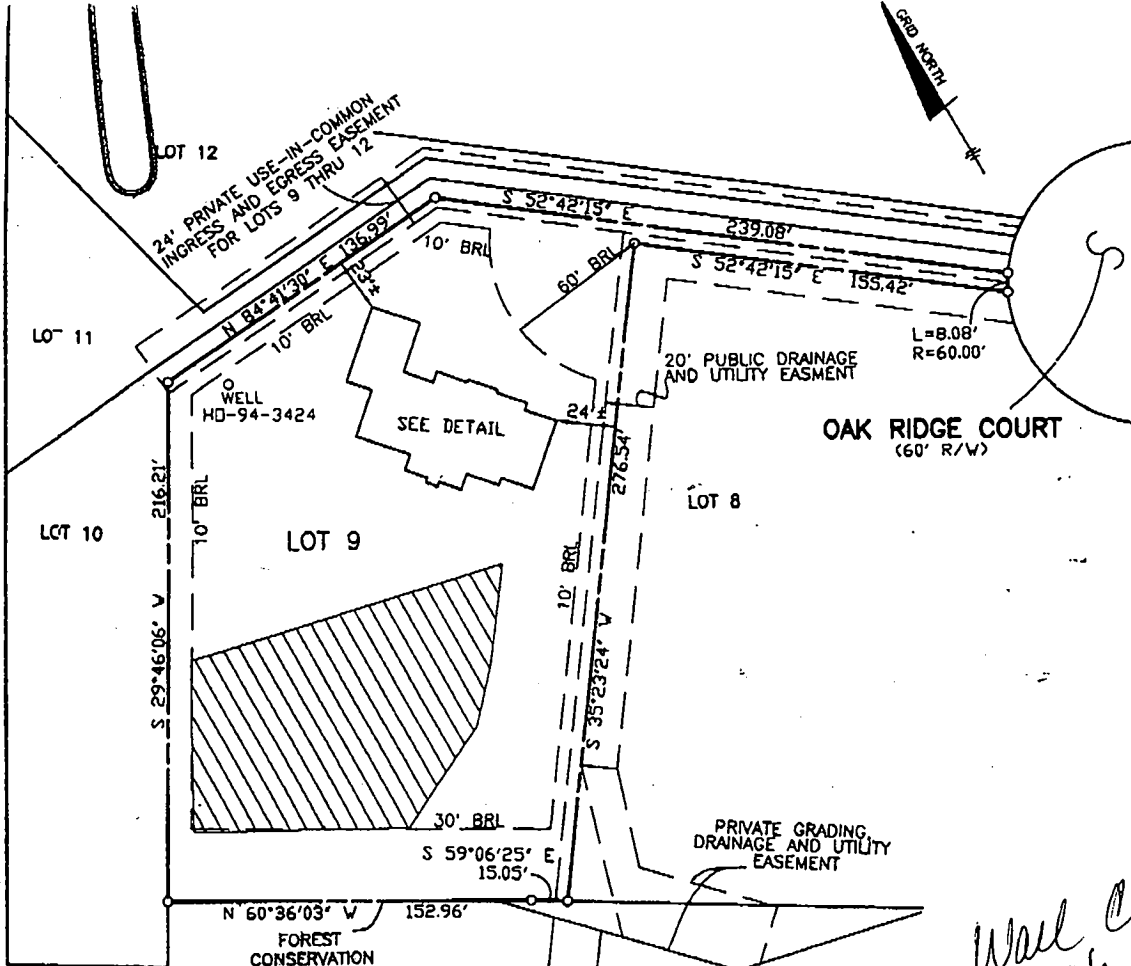
PRE-CONSTRUCTION 10/20/03 No 1 Ready (SD) 11/13/03 - SDA STAKED, CONTRACTOR TO PULL OFF WELL RADIUS' & INSTALL PER PLAN - (SRK)

INSTALLATION 12/15/03 OK to cover all work. Pump & Alarm tests needed (SD)
 2/2/04 - Pump & Alarm tests OK (SD)

FINAL INSPECTOR

DATE OF APPROVAL

2/2/04



*Wall Check
No mov't
9/25/03
KN*

TOP OF FOUNDATION WALL ELEVATION = 445.2'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

SURVEYOR'S CERTIFICATE

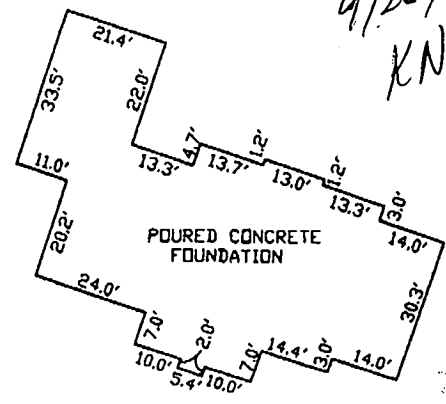
I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 09/02/03; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCHI GROUP P.C. INC. ENTITLED HIGH FOREST ESTATES LOTS 1 THROUGH 50, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 13960

David M. Harris
DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351

RECORD PLAT No. 13960
FEMA FIRM No. 240044 0025 B
ZONE: C
DATED: 12/04/86

BENCHMARK ENGINEERING, INC.

3400 BALTHAMORE AVENUE, SUITE 410
BELLFORT CITY, MARYLAND 21043
PHONE 410-460-8100 • FAX 410-460-9944
www.BenchmarkEng.com




FOUNDATION DETAIL

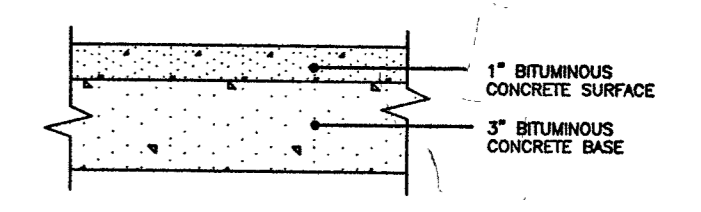
SCALE: 1" = 30'

WALL CHECK
HIGH FOREST ESTATES
LOTS 1 THROUGH 50
LOT No. 9

15025 OAK RIDGE COURT
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 60' DATE: 09/02/03

NOTES:

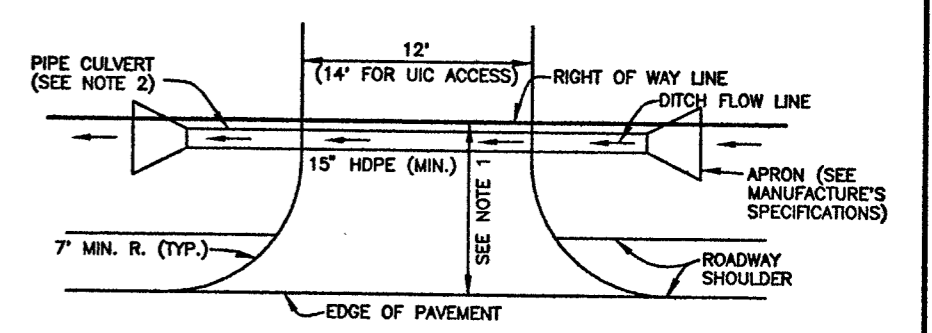
1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13960. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE 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 **CHANGES** ~~VARiances FOR ENCROACHMENT INTO~~ 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.
4. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
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-6.06 FOR ADDITIONAL INFORMATION.












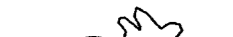


DRIVEWAY CULVERT
NOT TO SCALE

SEPTIC INFORMATION CHART

INV. OUT OF HOUSE	435.2
INV. IN TANK	434.5
INV. OUT TANK	434.2
TOP OF TANK	435.5
GROUND OVER TANK	437.0
INV. IN PUMP	434.1
GROUND OVER PUMP	437.0
INV. IN DIST. BOX	436.0
GROUND OVER BOX	438.0

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
-  STREET TREE INSTALLED UNDER F-98-167

PLAN
SCALE: 1" = 30'

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644

BUILDER: TOLL BROTHERS, INC.
7164 COLUMBIA GATEWAY DRIVE
SUITE 230
COLUMBIA, MARYLAND 21046
410-872-9105

PROJECT: HIGH FOREST ESTATES LOT 9	
LOCATION: 15025 OAK RIDGE COURT TAX MAP 27, GRID 6 - PARCEL 140,141,142 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE: PLOT PLAN	
HOUSE TYPE: COVENTRY	
DATE: JUNE 25, 2003	PROJECT NO. 1362
SCALE: AS SHOWN	DRAWING 1 OF 1

**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: Fogle Well Drilling Telephone #: 410-795-5670
Address: 580 Crescent Rd
Baylesville 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 direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Tall Brother Telephone #: _____
Subdivision: High Forest Estates Lot #: 9/58 Well Tag #: HO-94-3424
Site Address: 19025 Oak Ridge Ct

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Grundfos</u>	Make: <u>Combell</u>	Two piece watertight cap: <u>yes</u>
Model #: <u>7SB 0542</u>	Model#: <u>N/A</u>	Screened, vented well cap: <u>yes</u>
Pump Capacity: <u>1</u> GPM	Depth: <u>36</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: <u>15</u> GPM	NSF approved: <u>yes</u>	Conduit min 18" B.G.: <u>yes</u>
Depth of well encountered at time of pump installation: <u>200</u> (feet)		Conduit secured to well cap: <u>yes</u>
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
Torque arrestors or Cable guards are required - Must circle one		
Safety rope, if used, attached to inside of well casing with eye bolt <u>N/A</u>		

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>1" Black Plastic</u>	PVC sleeved to undisturbed soil at wall penetration: <u>yes</u>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>5</u>
Depth of supply line: <u>42</u> (36" min)	Sleeve caulked and sealed properly: <u>yes</u>

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: 1-6-04

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

Date Insp. Requested: 12/16/03 Date Insp. Approved: 12/16/03 (50)
Inspection Data: Pitless adapter and 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 installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

C1 14551

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER (B) AS6600-I

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 11 17 02

Depth of Well 22 200 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3424

OWNER: Oak Ridge Court, TOWN: Glenelg, SUBDIVISION: HIGH FOREST EST., SECTION, LOT 9

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Brown Sandstone, Gray Limestone, Brown Limestone, White Limestone, and Gray Limestone.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS (18), NO. OF POUNDS (1692), GALLONS OF WATER (108), DEPTH OF GROUT SEAL (0 to 35 ft).

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (06), Total depth (60).

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

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

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

CIRCLE APPROPRIATE LETTER: A (well abandoned), 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...

DRILLERS LIC. NO. M Sp 009, DRILLERS SIGNATURE: Allen Compton, LIC. NO. 1 D

DEPTH (nearest ft.) HO 60 200

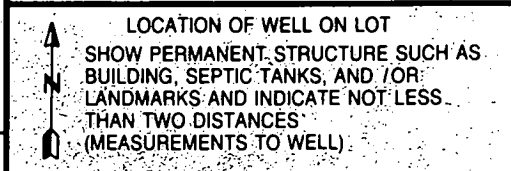
Table with columns: E, A, C, H, S, C, R, E, N and rows for well depth measurements (8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51).

DIAMETER OF SCREEN (NEAREST INCH) from to, 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, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED (03), PUMPING RATE (15), METHOD USED TO MEASURE PUMPING RATE (196L), WATER LEVEL (52 before, 57 when pumping), TYPE OF PUMP USED (S submersible)

PUMP INSTALLED: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O), CAPACITY: GALLONS PER MINUTE (31 to 35), PUMP HORSE POWER (37 to 41), PUMP COLUMN LENGTH (43 to 47), CASING HEIGHT (+ above, - below), LAND SURFACE (02 foot)



See Plat

B 1. 9779 SEQUENCE NO. (MDE USE ONLY)

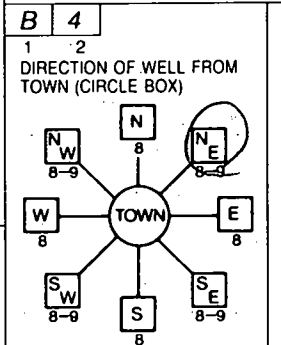
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-94-3424
 fill in this form completely

Date Received (APA) 03 01 02
 OWNER INFORMATION
Toll Brothers
 15 Last Name Owner First Name 34
14203 Howard Rd
 36 Street or RFD 55
Douyton Md 21036
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
Howard
 8 COUNTY 21
High Forest Estates
 23 SUBDIVISION 42
 SECTION 9 LOT 9
 44 46 48 50
Glenns
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) 4 M I I
 73 76 77 78

DRILLER INFORMATION
Allen Compton SD 009
 Driller's Name 76 License No. 81
Eagles Well Drilling
 Firm Name
580 Obrecht Rd
 Address
Allen Compton 2-27-02
 Signature Date



Oak Ridge Ct
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 150 37
 DISTANCE FROM ROAD ENTER FT OR MI 38 39
 TAX MAP: 27 BLK: 11 PARCEL 147

B 2 WELL INFORMATION
 APPROX. PUMPING RATE 5
 (GAL. PER MIN.) 8 12
 AVERAGE DAILY QUANTITY NEEDED 500
 (GAL. PER DAY) 14 20

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

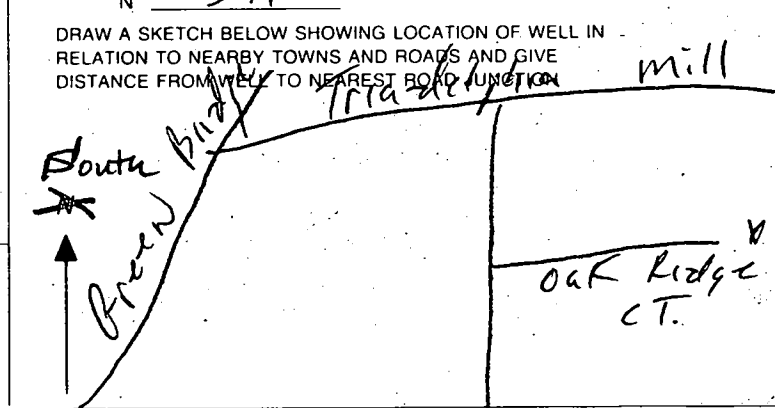
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard 13 A 56600-I
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE INSERT S →
 DATE ISSUED 03/13/02 Kacie Hooley 03/13/03
 43 MM DD YY 48 CO SIGNATURE EXP/DATE
 NORTH GRID 511 0 0 0 EAST GRID 0794 0 0 0
 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET
 24 28
 APPROXIMATE DIAMETER OF WELL 6 INCH
 NEAREST

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1.
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E 7254
 N 511
 000
 000

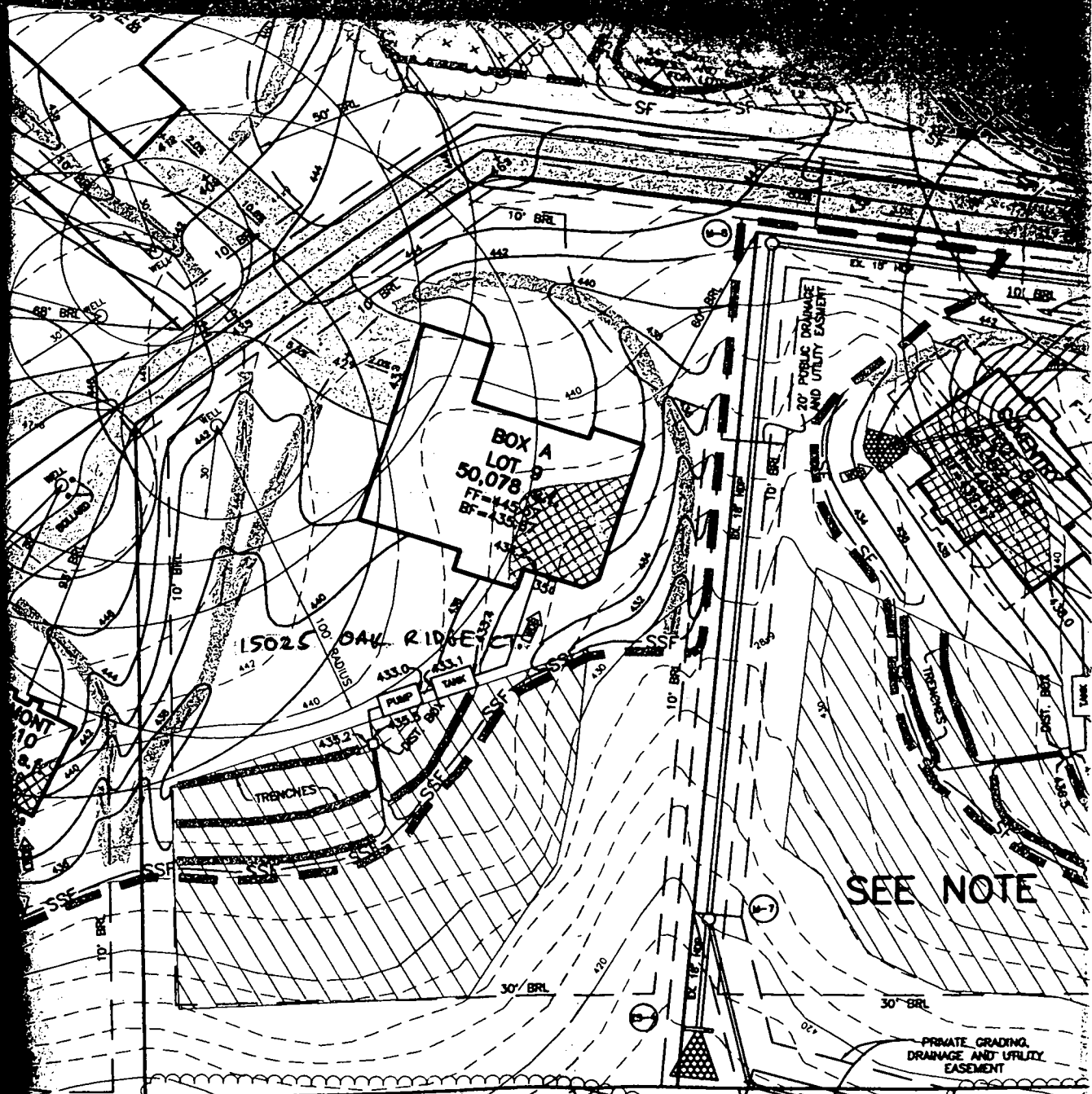
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTary DRIVE-POINT
 other _____

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
 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-94-3424
 70 71 72 73 74 75 76 77 78 79

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



3/13/02 Well Staked
by licensed engineer.
No insp.

KG

IONS

00

B 1 09715
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO - 94 - 2749

fill in this form completely

Date Received (APA)

0-7-14 00

8 MM DD YY 13

OWNER INFORMATION

15 Last Name Karonte Owner First Name Chuck 34

36 Street or RFD 10 Mellon Ave. 55

57 Town Catonville State MD Zip 21228 76

B LOCATION OF WELL

COUNTY Howard 21

23 SUBDIVISION Dish Forest Estates 42

SECTION 44 46 LOT 9 48 50

52 NEAREST TOWN Dayton 71

MILES FROM TOWN (enter 0 if in town) 4 1/2 M 73 76 77 78

DRILLER INFORMATION

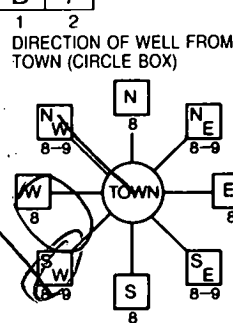
Driller's Name Joseph L. Maize License No. MSD 081 76 81

Firm Name Joseph L. Maize Well Drilling

Address 5512 Ridge Rd Mt. Airy Md 21771

Signature Joseph L. Maize Date 7/13/2000

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD Oak Ridge Ct. 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 275 37 DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL _____

B 2 WELL INFORMATION

1 2 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)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME Howard COUNTY NO. 13

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 07 20 00 CO SIGNATURE C. Williams EXP. DATE 7/19/01

NORTH GRID 510 000 EAST GRID 790 000

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
- AIR-ROTARY
- AIR-PERCussion
- ROTARY (Hydraulic Rotary)
- 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
- 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 54 _____ GAP _____ 63

PERMIT No. HO-94-2749

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

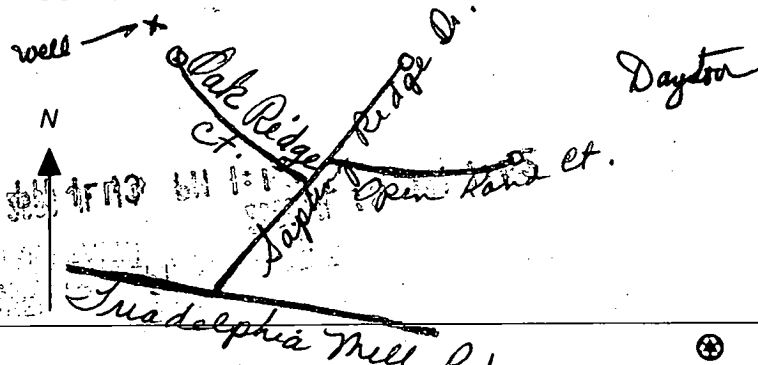
SOURCES OF DRILLING WATER

1. WELL
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 790
N 510

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



APPLICATION

PERCOLATION TESTING

A _____
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:

SUBDIVISION C. M. C. CONSTRUCTION PROPERTY LOT NO. ~~5~~

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 _____

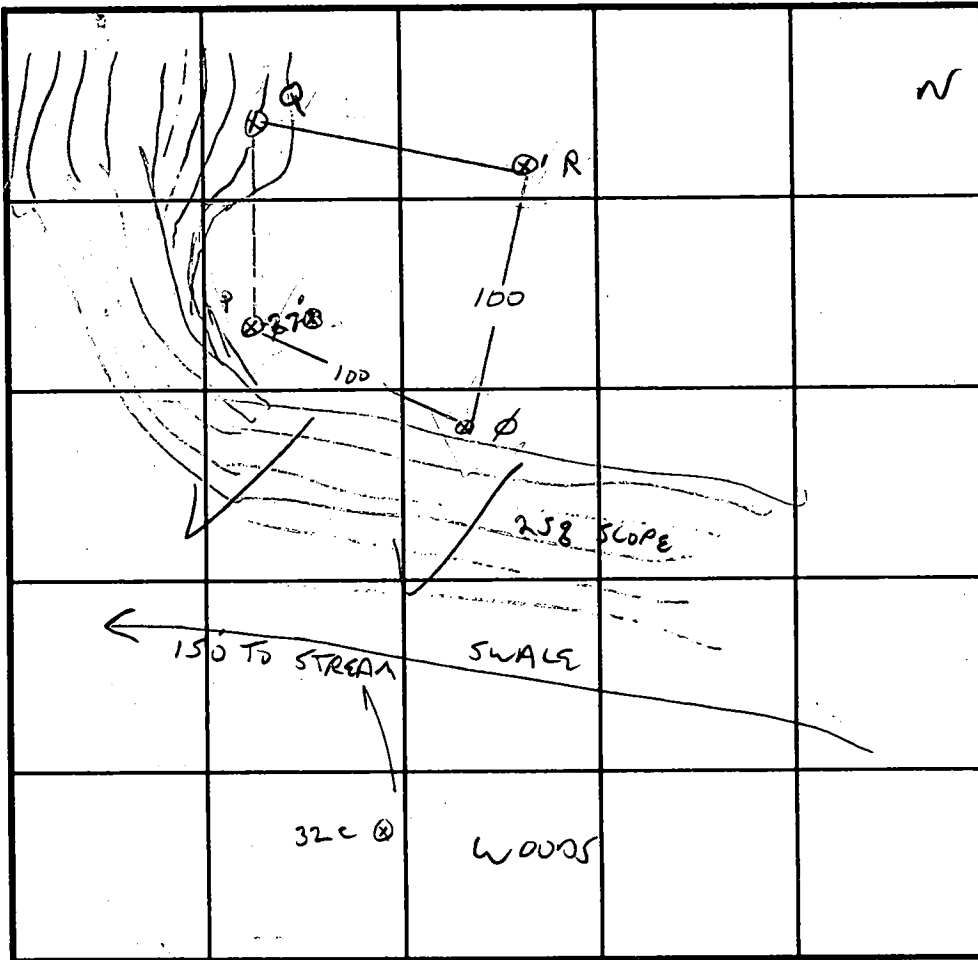
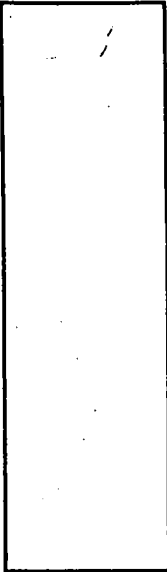
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

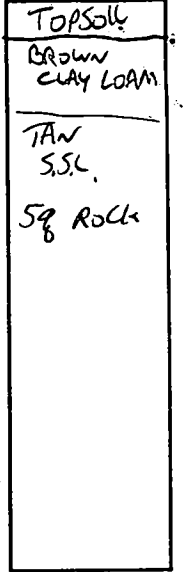
SOIL PROFILE

0'



SOIL PROFILE

0'



12'

SIMILAR TO
 S
 15%
 ROCK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/20/97	20Q	3/12V	2:05	2:07	2:07	2:11	4 MW
	20P	3/12V	2:07	2:09	2:09	2:11	2 MW
	X	7	2:07	2:09	2:09	2:10	1 MW F
	20R	3/12V	2:12	2:15	2:15	2:17	2 MW
		7V ok					
	20Q	3/11V	2:13	2:17	2:17	2:24	7 MW
5/1/97	REDOUG 20P	7V	8:59	9:09	9:09	9:22	15 MW ok

REMARKS 20P REDUG 21' HIGHER, OK.

320 Series

TYPE OF SOIL _____

TESTED BY G. SAVAGE

ALSO PRESENT C. SHARP, R. DEMITT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____

TRENCH WIDTH _____

INLET DEPTH _____

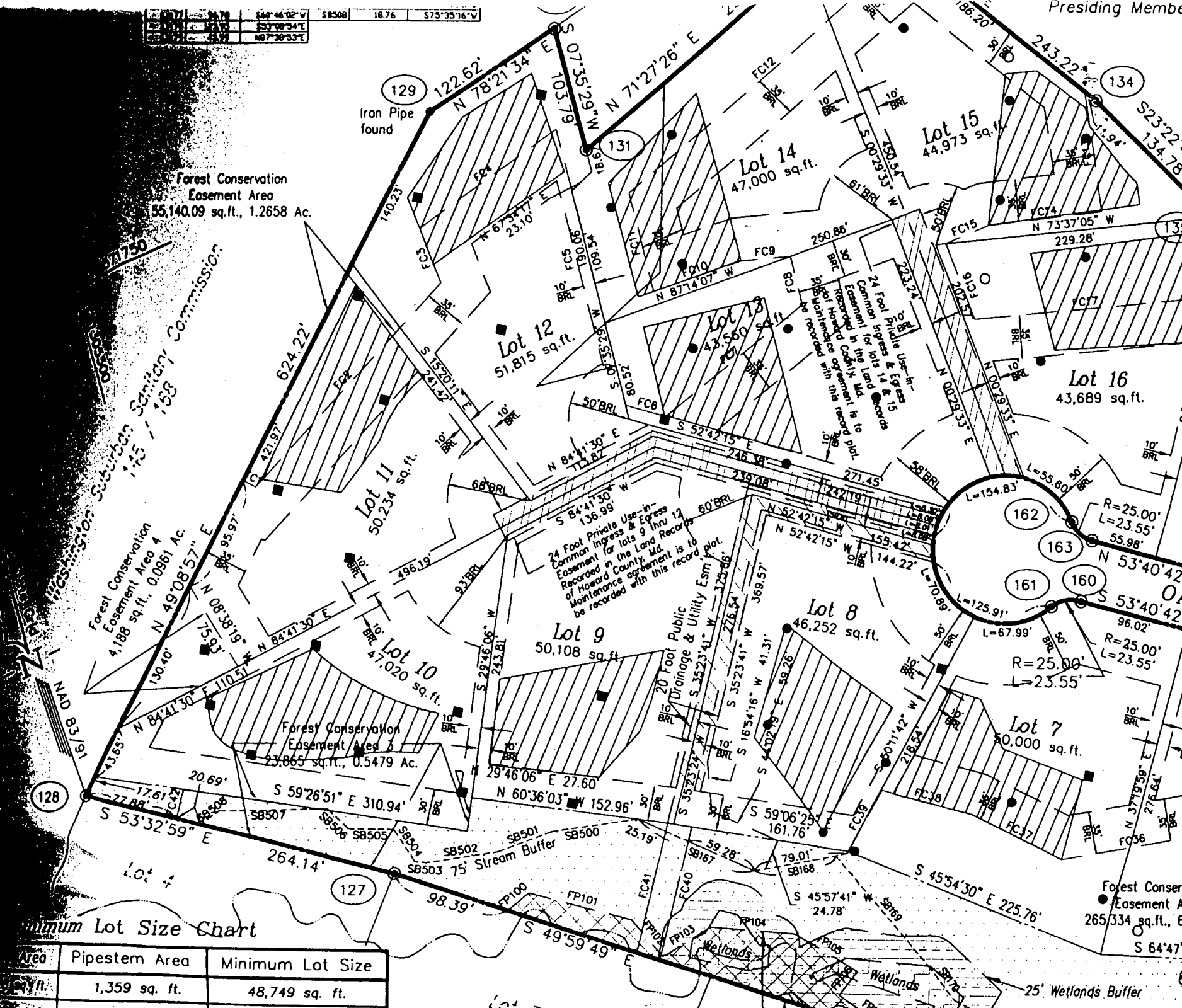
MAXIMUM BOTTOM DEPTH _____

SQ. FT./BEDROOM _____

129	122.62'	N 78°21'34" E	103.79'	S 07°35'29" W	181.9'
131	103.79'	N 71°27'26" E	109.54'	S 63°52'00" S	250.86'
134	243.22'	N 73°37'05" W	229.28'	N 73°37'05" W	229.28'

Forest Conservation Easement Area 55,140.09 sq. ft., 1.2658 Ac.

Suburban Sanitary Commission
 Forest Conservation Easement Area 4 4,188 sq. ft., 0.0961 Ac.
 Forest Conservation Easement Area 7 23,865 sq. ft., 0.5479 Ac.



Minimum Lot Size Chart

Area	Pipestem Area	Minimum Lot Size
1,359 sq. ft.	1,359 sq. ft.	48,749 sq. ft.
3,033 sq. ft.	3,033 sq. ft.	17,000 sq. ft.

24 Foot Private Use-in-Common Ingress & Egress Easement for lots 9 thru 12 Recorded in the Land Records of Howard County, Md. Maintenance agreement is to be recorded with this record.

24 Foot Private Use-in-Common Ingress & Egress Easement for lots 14 & 15 Recorded in the Land Records of Howard County, Md. Maintenance agreement is to be recorded with this record.

20 Foot Public Drainage & Utility Esm. plat.

Forest Conservation Easement Area 265,334 sq. ft., 6.11 Ac.

25' Wetlands Buffer