

11/24/99
2:30 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-327590

P 513137

A 56429-~~EVY~~

DISTRICT _____

DATE 11/19/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 11/24/99

INSPECTOR S.R.K.

INDEXED

Lehsac Plumbing & Heating IS PERMITTED TO INSTALL ALTER _____

ADDRESS 202 Azar Court, Baltimore, MD 21227 PHONE 410-242-6888

SUBDIVISION Gaither Hunt LOT 46 ROAD 11104 Dorsch Farm Road

PROPERTY OWNER Ryan Homes

ADDRESS _____

TOP SEAMED TANK REQUIRED

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 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.

LOCATION - Begin trenches 120 feet up the right lot line and 40 feet off the right lot line as seen when facing the lot from Dorsch Farm Road. Run trenches on contour toward the back lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter clenaout and cap to grade or above on septic tank. *see 7/14/99 DIS*

PLANS APPROVED BY Amy McMillen DATE 7-05-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

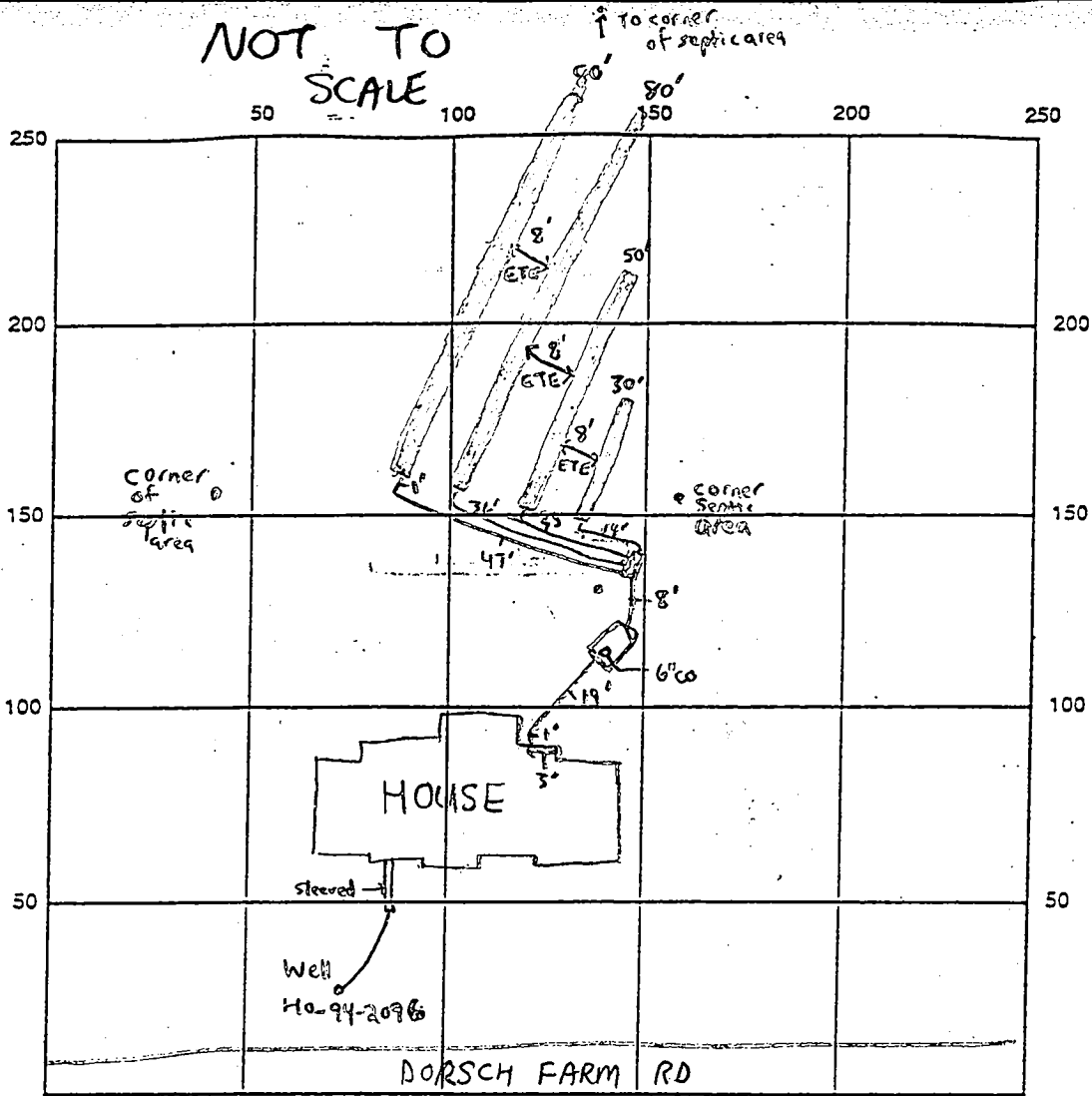
HD-250(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

B00118527
SFB 7/5/99
B00130069 Deck
AND RETURNED 4/9/01

11/24/99
EVY

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 gallon Top seam CLEANOUTS 6" @ Tank

DISTRIBUTION BOX LEVEL Baffle is in

DRAIN FIELD/TILE TILE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 4 ONE-SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWELL DRYWELL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 11/24/99 - WPI OK, OK TO COVER ALL WORK - (SRW)

DATE SYSTEM APPROVED 11/24/99 INSPECTOR Steven R. Krieg

1/28/00 - RESOLVED
SRK



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

November 29, 1999

Ryan Homes
11460 Cronridge Drive
Owings Mills, MD 21117

RE: Gaither Hunt II - Lot 46
11104 Dorsch Farm Road
Well Tag #: HO-94-2096

Dear Sirs:

During a recent well line installation inspection for the well on the above referenced property, it was discovered that the height of the well casing extending above the existing grade was approximately four inches or less.

According to Code of Maryland Regulations, COMAR 26.04.04.07D(3)(c), "a minimum of 8 (eight) inches of the casing length shall extend above ground level after final grading." This is to help protect against contaminants entering the water supply.

After final grading is completed, please make certain that the well casing meets the COMAR standard explained above and contact this office to schedule a field inspection. Necessary casing repair/extension should be performed by a licensed well driller and not a registered plumber. This should be done prior to having a lab submit water samples to this office.

Please be advised that no Interim Certificate of Potability (recommendation for use and occupancy approval) will be issued for this property until this issue is resolved. Thank you for your cooperation in this matter and please call me if you have any further questions.

Very truly yours,
Steven R. Krieg
Steven R. Krieg, Sanitarian
Water and Sewerage Program

SRK
cc: file ✓

1/28/00
well casing insp (signature)

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525 H Ellicott Mills Drive
Ellicott City, MD 21043

481-8953
313-8640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 1/27/2000

Name of Installer LEHSOC CORP.

Telephone 410-342-6888

License Number 3344
Certified Well Pump Installer _____

Well Driller _____ Registered Plumber

Name of Property Owner Ryan

Telephone 410-654-0501

Subdivision GAITHER HUNT Lot # 46

Well Tag # HO-94-2096

Site Address 1109 DAWSON PARK RD.

Pump

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible
- 2. Make JACOZZI
- 3. Model # _____
- 4. Capacity 5 GPM
- 5. Pump exceeds well capacity Yes No _____
- 6. If Yes, is low pressure cutoff switch installed? Yes No _____
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other _____

Motor

- 1. Horsepower 1/2
- 2. RPM _____
- 3. Voltage _____
 - a. 110 _____
 - b. 220

Pitless Adapter

- 1. Make Int'l Well Tools
- 2. Model # _____
- 3. Depth 42"

Tank

- 1. Capacity 50 GAL.
- 2. Pressure relief valve? YES

Piping

- 1. Type 160lb.
- 2. Size 1"
- 3. NSF and/or BOCA Code approved
- 4. Depth of supply line 42"

Well data

- 1. Depth 500 ft.
- 2. Yield 2 GPM
- 3. Static water level 60 ft.
- 4. Will water supply be disinfected by installer? YES

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

11/24/99 - WPION

Signature of Applicant: [Signature]

EXCEPT THAT CASING DOES NOT HAVE 8" ABOVE GRADE

Date: 1/27/2000

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-215

1/28/00 - CASING 8" ABOVE GRADE - SRU

Post-it, Fax Note	7671	Date	4.1	# of pages	1
To	SCOTT JAMES	From	J.M.E.		
Co./Dept.	RYAN	Co.	C.F.S. INC.		
Phone #	GAITHRI HUNT	Phone #			
Fax #	LOT 46	Fax #			

UL 0046
 A.F. HUNK SEWER
 A.F. HAUL DIRT
 SCOTT 46

WJ 4/19/99
 C
 E
 P
 D
 W
 E
 E
 E
 S
 S
 E
 T
 F
 L
 S
 T

Approved Septic System Plan
 Howard County Health Department
 45,222

Amul M. Mulla 2/5/99
 Date

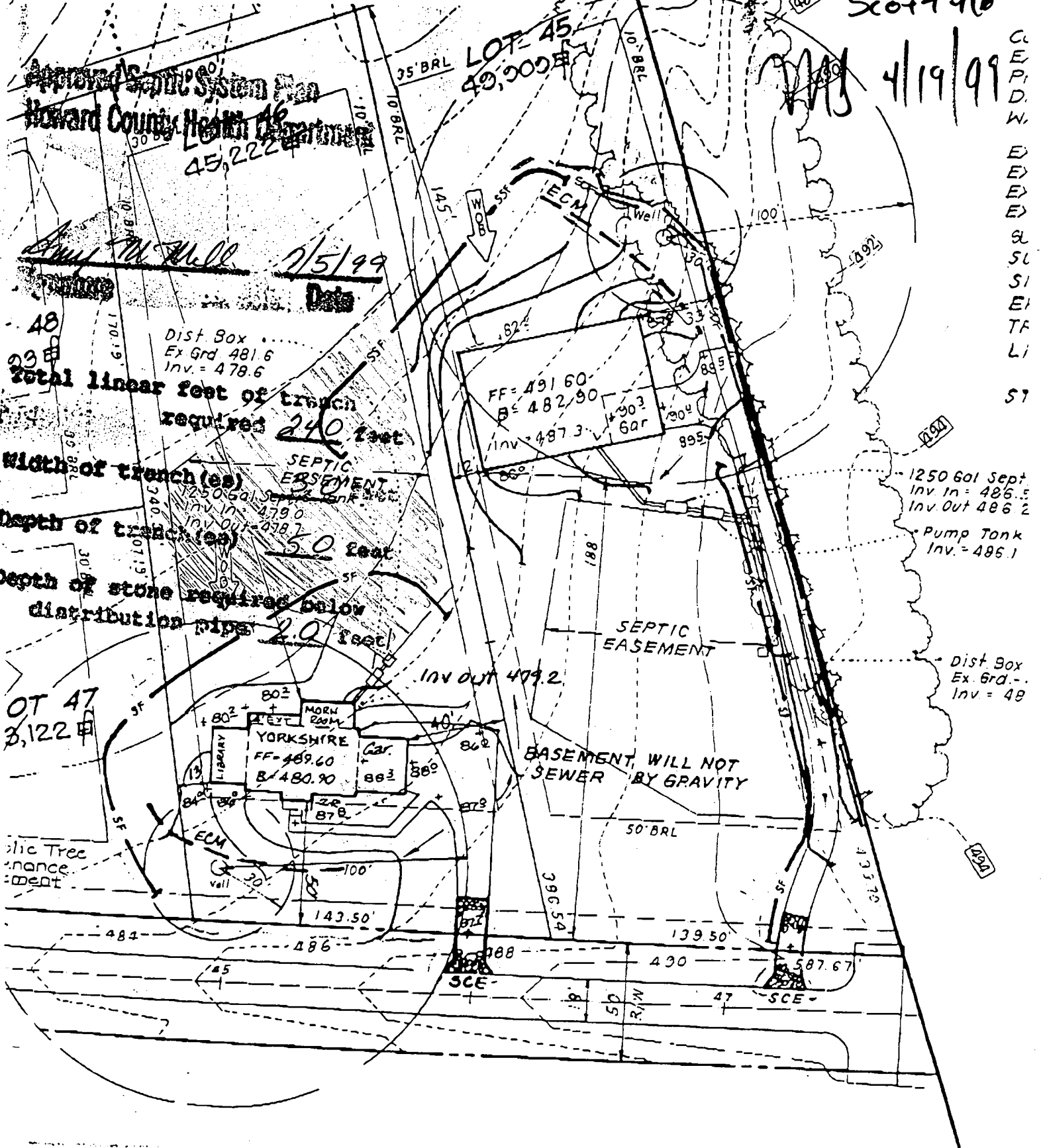
Dist Box
 Ex Grd 481.6
 Inv. = 478.6

Total linear feet of trench required 240 feet

Width of trench (ea) 48"

Depth of trench (ea) 5.0 feet

Depth of stone required below distribution pipe 2.0 feet



APPLICATION

PERCOLATION TESTING

A 56429

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 J Thomas Scrivener RYAN HIMES

ADDRESS c/o Land Design & Development PHONE 410 740 5176

AGENT OR PROSPECTIVE BUYER Donald R. Reuwer Jr

ADDRESS 10805 Hickory Ridge Rd PHONE _____
21044

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 46

ROAD AND DESCRIPTION (11104 DORSCH FARM ROAD)

TAX MAP 29 PARCEL # 21
SIZE OF LOT 1+ Acres TYPE BLDG. SEP-4Bwn
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGN'D
AND RETURNED 7-5-99
Serial # B177118527

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.

(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

56429

COUNTY #

SOIL PROFILE

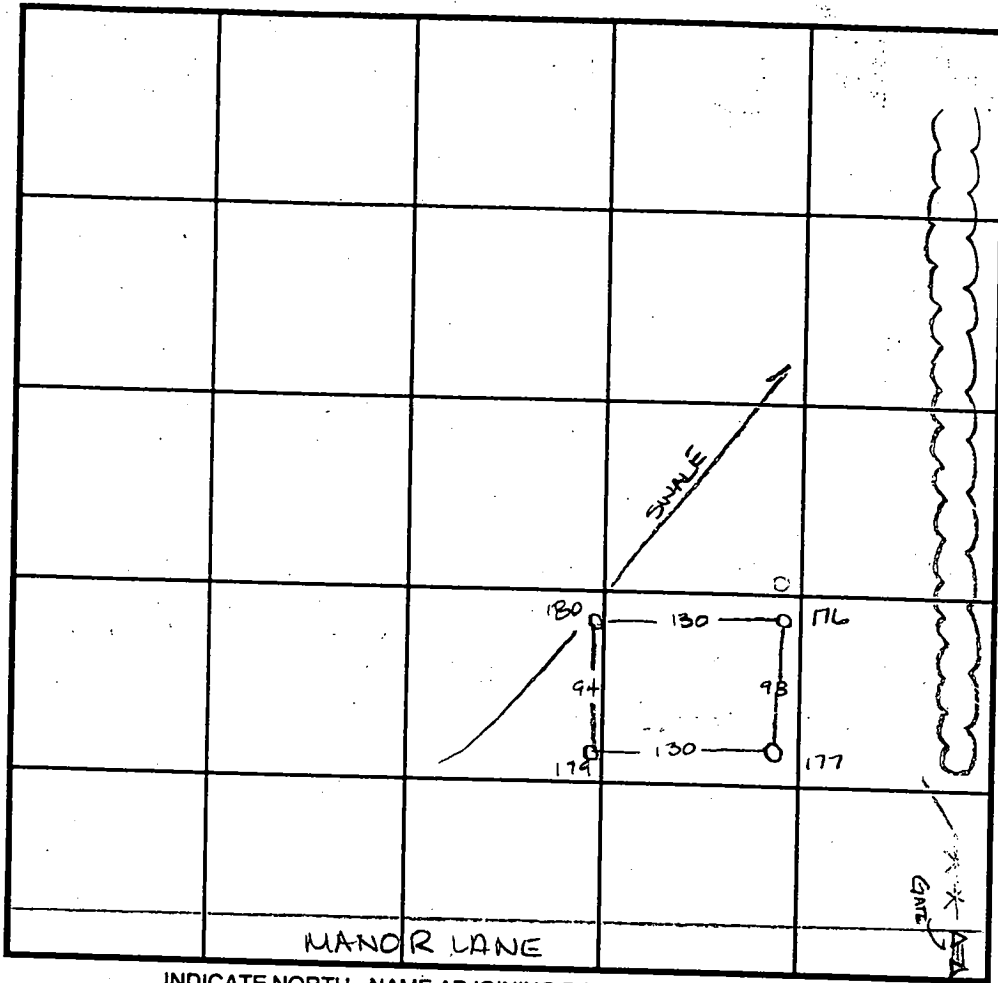
180

0' orange red silclm
 5.0 1/2 orange tan silm
 pockets of decayed feldspar 5%

SOIL PROFILE

177

0' bright orange red silclm
 bright orange red silm
 10% feldspar frags partially decayed



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

179

0' brn silclm
 2.0 orange brn silclm
 8.0 red to pink silm

176

4.0 dark brn silclm
 layer of rock
 5.0 orange brn silclm
 8.5 >50% rock
 10 1/2 orange brn silm
 refusal

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-26-96	180	5.0 / 11.0	2:36	2:41	2:41	2:51	10min F
	179	4.5 / 10.0	2:39	2:42	2:41	2:48	6min F
	176	4.0 / 10.0	3:03	3:05	3:05	3:08	3min
	177	3.6 / 9.5	2:49	2:52 ³⁰	2:52 ³⁰	2:57	4 1/2 min

REMARKS 180 179 in E of swale

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

CONTRACTOR SHALL INSTALL
TEMP. TURN AROUND &
TYPE 'C' DEAD END BARRICADE
(DWG. R-5.06 & R-5.05)

P. 97-08

LIMIT OF
PROPOSED
PAVING
47+73.16'

5' REVERTIBLE
SLOPE EASEMENT
(TYPICAL)

10' PUBLIC
TREE MAINTENANCE
EASEMENT

SPACE
53

Ac. ±
A-303'

ROAD

ROAD

LOT 45
49,909 SF

LOT 46
45,222 SF

LOT 44
40,954 SF

LOT 43
40,750 SF

LOT 48
44,193 SF

LOT 47
43,322 SF

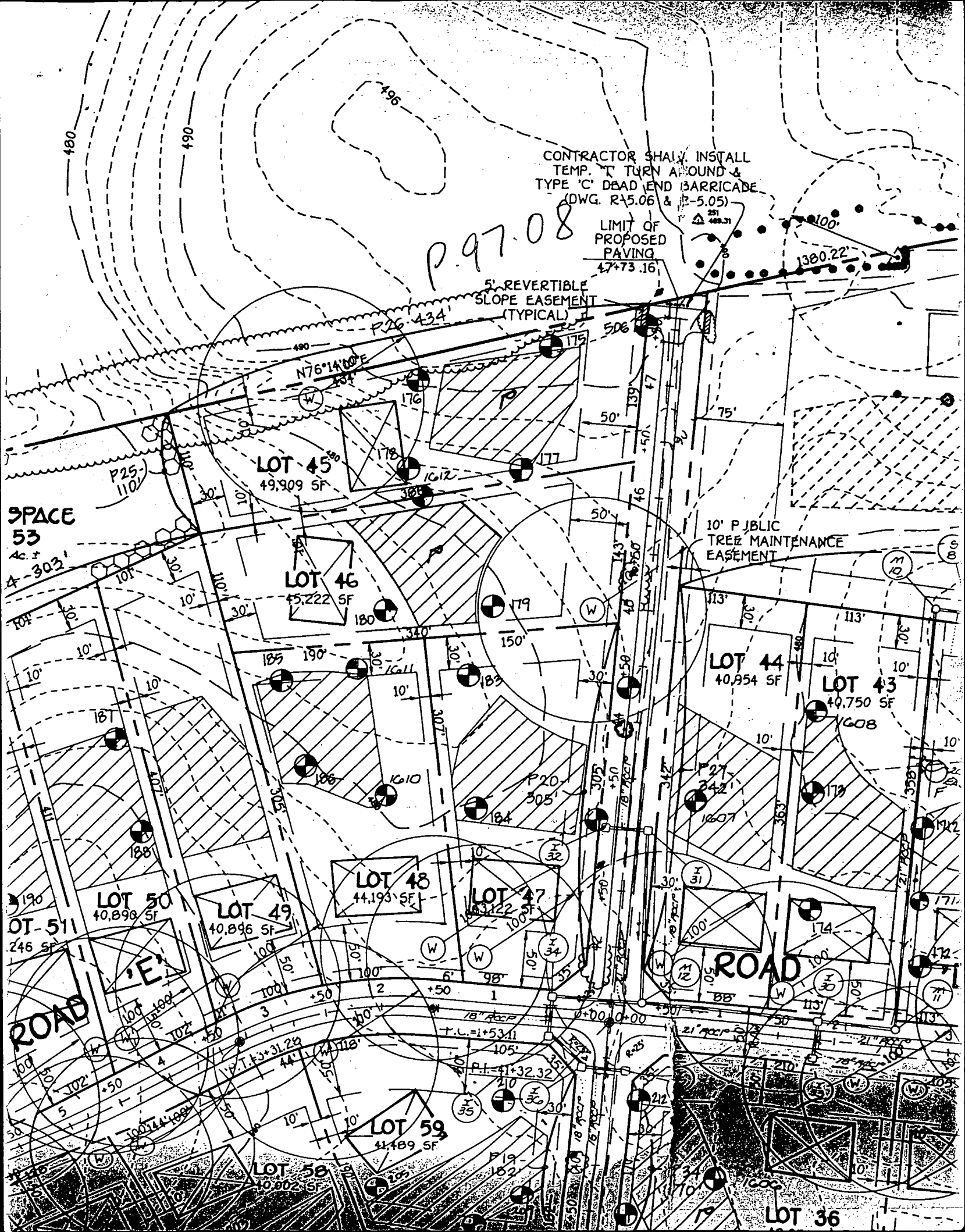
LOT 50
40,898 SF

LOT 49
40,896 SF

LOT 59
41,489 SF

LOT 58
40,902 SF

LOT 36



PROPERTY OF PHILIP CARROLL
LIBER 11, FOLIO 303

F-98-76

ROAD

DORSCH FARM

BITTERSWEET COURT

ROAD

RUN

OPEN

OPEN SPACE
LOT 53

Part Two
Forest Conservation
Easement
Area = 1.436 Ac.

LOT 45
49,909 Sq.Ft.*

LOT 46
45,222 Sq.Ft.*

LOT 49
41,776 Sq.Ft.*

LOT 50
43,531 Sq.Ft.*

LOT 51
45,649 Sq.Ft.*

LOT 47
43,122 Sq.Ft.*

LOT 48
44,193 Sq.Ft.*

LOT 52
39,998 Sq.Ft.*

LOT 43
40,750 Sq.Ft.*

LOT 44
40,954 Sq.Ft.*

LOT 42
46,816 Sq.Ft.*

LOT 59
44,189 Sq.Ft.*

LOT 58
40,002 Sq.Ft.*

LOT 57
40,002 Sq.Ft.*



C1 9880

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A56429K

ST/CO USE ONLY

DATE Received 06 11 99

DATE WELL COMPLETED 06 04 99

Depth of Well 500

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2096

OWNER Russell Development, last name Doisch, first name Doisch, TOWN Ellicott City, SUBDIVISION Gaither Hunt, SECTION II, LOT 46

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CEMENT CM), NO. OF BAGS 469, NO. OF POUNDS 892, GALLONS OF WATER 54, DEPTH OF GROUT SEAL 33

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include: HARD BROWN SANDSTONE (0-25), BROWN SOIL (25-28), HARD GRAY GRANITE (28-70), HARD BROWN SANDSTONE (70-72), HARD GRAY GRANITE (72-500), 70, 100.

CASING RECORD

MAIN CASING TYPE ST, Nominal diameter top (main) casing 06, Total depth of main casing 33

OTHER CASING (if used)

Empty table for other casing details.

SCREEN RECORD

screen type or open hole (ST), insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y)

CIRCLE APPROPRIATE LETTER: A, E, P

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. MWD 355, DRILLERS SIGNATURE, (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. JW 341, max S. Jones

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

DEPTH (nearest ft.) HO 33, 500

Table with columns: E, A, C, H, S, R, E, N and depth intervals (8-11, 15-17, 21-24, 26-30, 32-36, 38-41, 45-47, 51-55)

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

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

C 3

PUMPING TEST

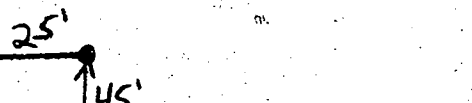
HOURS PUMPED (nearest hour) 6, PUMPING RATE (gal. per min.) 2, METHOD USED TO MEASURE PUMPING RATE Water + Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 23 ft, WHEN PUMPING 30 ft, TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) 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, 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 1 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

LEFT Prop. Line



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94 2094
 Location of property (road) Dorsch Farm Road
 Subdivision Gather Hunt Lot 476 Block Plat Sec. II
 Well Driller Michael Barlow Owner Russell Development

Depth of well 500
 Distance of measuring point (M.P.) above ground
 Static water level (S.W.L.) below M.P. 23 ft.

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate
 Total time to reach pumping water level 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 #1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:00	23 ft.	3		20
9:15	30 1/2	30		2
9:30	30 1/2	30		2
9:45	30 1/2	30		2
10:00	30 1/2	30		2
10:15	30 1/2	30		2
10:30	30 1/2	30		2
10:45	30 1/2	30		2
11:00	30 1/2	30		2
11:15	30 1/2	30		2
11:30	30 1/2	30		2
11:45	30 1/2	30		2
12:00	30 1/2	30		2
12:15	30 1/2	30		2
12:30	30 1/2	30		2
12:45	30 1/2	30		2
1:00	30 1/2	30		2
1:15	30 1/2	30		2
1:30	30 1/2	30		2
1:45	30 1/2	30		2
2:00	30 1/2	30		2
2:15	30 1/2	30		2
2:30	30 1/2	30		2
2:45	30 1/2	30		2

B 1	5149	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-2096
1 2 3 6				70 fill in this form completely 79

OWNER INFORMATION

Date Received (APA) **01 29 99**

8 MM DD YY '13

15 Russell Development LLC
Last Name Owner First Name 34

36 8808 Centre Park Dr. Suite 209
Street or RFD 55

57 Columbia MD 21045
Town State Zip 76

LOCATION OF WELL

B 3 Howard
8 COUNTY 21

Gaither Hunt
23 SUBDIVISION 42

SECTION 1 LOT 46
44 46 48 50

Ellicott City
52. NEAREST TOWN 71

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

DRILLER INFORMATION

MICHAEL BARLOW MW D355
Driller's Name 76 License No. 81

MICHAEL BARLOW Well Drilling Svc Inc
Firm Name

912 FAUN CT. Joppa MD 21085
Address

[Signature] 1-22-99
Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

1 2

Doesch Farm Rd
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 30 37
DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL _____

WELL INFORMATION

B 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)

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 A56429-K
COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 02 11 99 A McMill 02 11 00
43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 515 0 0 0 EAST GRID 830 0 0 0
50 55 57 63

APPROXIMATE DEPTH OF WELL 200 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
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)

APPROX. PERMIT NUMBER _____ GAP _____

54 63

PERMIT No. HO-94-2096
70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

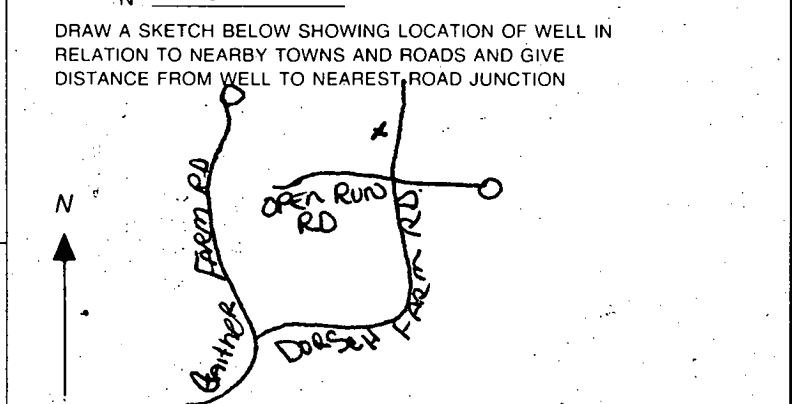
SOURCES OF DRILLING WATER

- 1.
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 830 000 000

N 515 000 000



7671

Date	4-1	# of pages	1
From	J.M.E.		
Co.	C.F.S. INC.		
Phone #			
Fax #			

JAMES
AN
RITHER HUNT
LOT 46

UL 0046

A.F. HUNK SEWER
A.F. HAUL DIRT

SCOTT 46

4/19/99

C
E
P
D
W
E
E
E
E
S
S
E
L
L

Approved Septic System Plan
Howard County Health Department
45,222

LOT 45
49,000

4/15/99
Date

Dist Box
Ex Grd. 481.6
Inv. = 478.6

Total linear feet of trench required 240 feet

Width of trench (ea) 3.5 feet
1250 Gal Septic Tank
Inv. In = 479.0
Inv. Out = 478.7

Depth of trench (ea) 5.0 feet

Depth of stone required below distribution pipe 2.0 feet

BOO 30069
4/9/01 shown
16x38 deck will be part of basement
to close up septic

250 Gal Sept
Inv. In = 486.5
Inv. Out = 486.2
Pump Tank
Inv. = 485.1

Dist Box
Ex. Grd. =
Inv. = 48

SEPTIC EASEMENT
BASEMENT WILL NOT SEWER BY GRAVITY

OT 47
3,122

