

2/10/99
12:00 C.O.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-326322

P 511367
A 516430 V
~~51280234~~

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~X16X168X~~ 410-313-2640

DISTRICT _____

DATE 1-25-99

DATE SYSTEM APPROVED 2/10/99

INSPECTOR M. E. KIN

INDEXED

Lehsac Corp. IS PERMITTED TO INSTALL ALTER _____

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

SUBDIVISION Gaither Hunt, Sec. 1 LOT 69 ROAD 11046 Dorsch Farm Road

PROPERTY OWNER Ryan Homes MATTHEW FOX

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

200 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 268

REG. PERMIT SERVO

AND RETURNED 6-10-99

Serial # B 10118625
check

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 125 feet down the left (500.92') lot line and 10 feet off that same lot line as seen when facing the lot from Dorsch Farm Road. Run trenches on contour towards the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *****MAINTAIN 100 FEET RADIUS FROM WELL TO ALL PARTS OF SEPTIC SYSTEM.***** OK BY 12-24-98

PLANS APPROVED BY Kimberly Maiste DATE 12-14-98

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

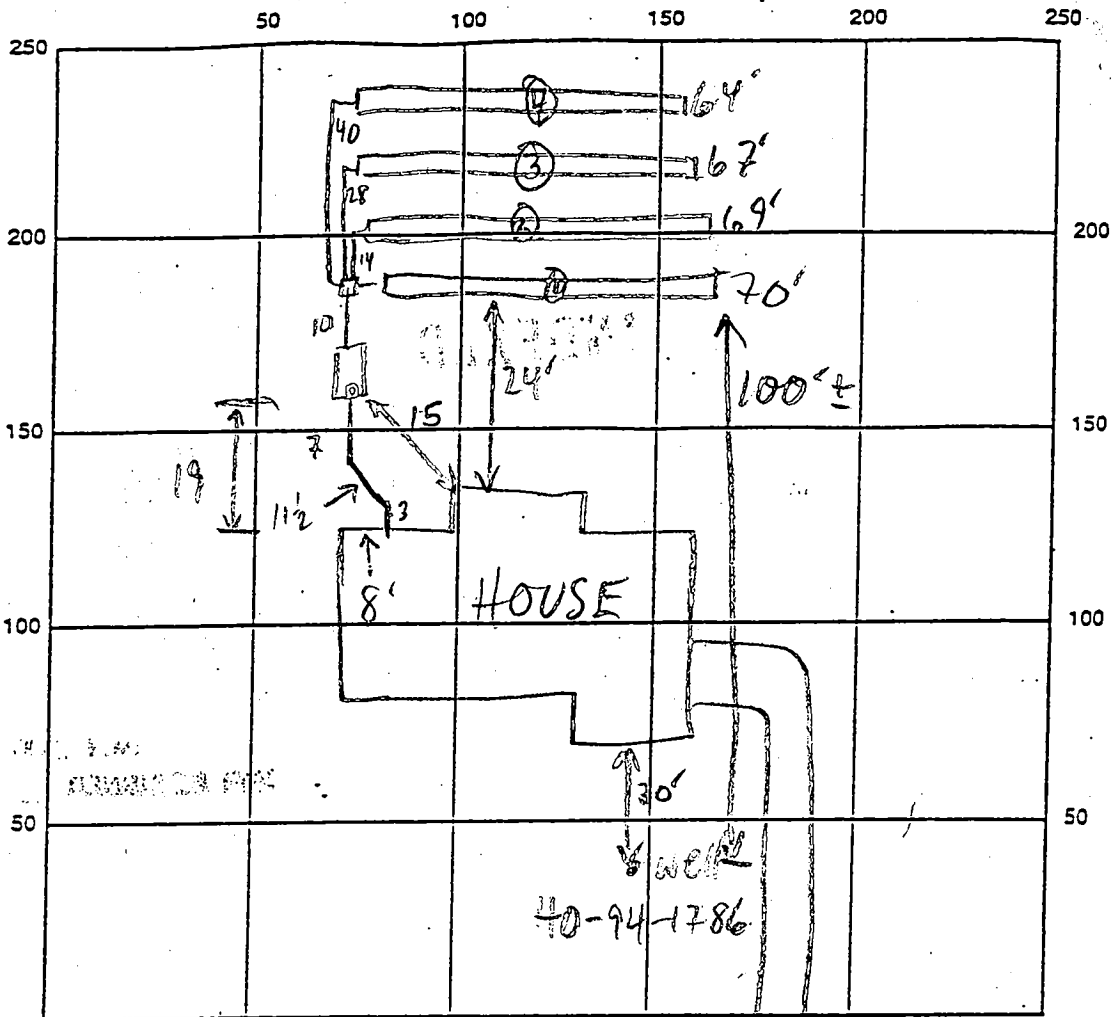
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

516430 V



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DORSCH FARM RD

SEPTIC TANK LEVEL 1250 GAL - OK

CLEANOUTS S.T. - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 6 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH ①70 ②69 ③67 ④64 FT.

NUMBER OF TRENCHES 4

ONE SIDEWALL/BOTTOM AREA ①210 ②207 ③201 ④192 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 810 SQ. FT.

REMARKS: 2/10/99 OK TO COVER ALL MR

DATE SYSTEM APPROVED

2/10/99

INSPECTOR

Mc Ripkin

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 4/3/86

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 Scribner Ryan Home

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. 8769 ✓

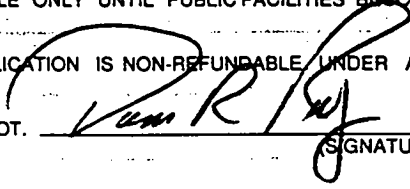
ROAD AND DESCRIPTION (11046 Dorsch Farm Road)

BLDG. PERMIT SIGNED
AND RETURNED 12-14-98
Serial # B00115260

TAX MAP 29 PARCEL # 21

SIZE OF LOT 1 + Acres TYPE BLDG. SFD - 4 Brn.
(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.



(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 _____

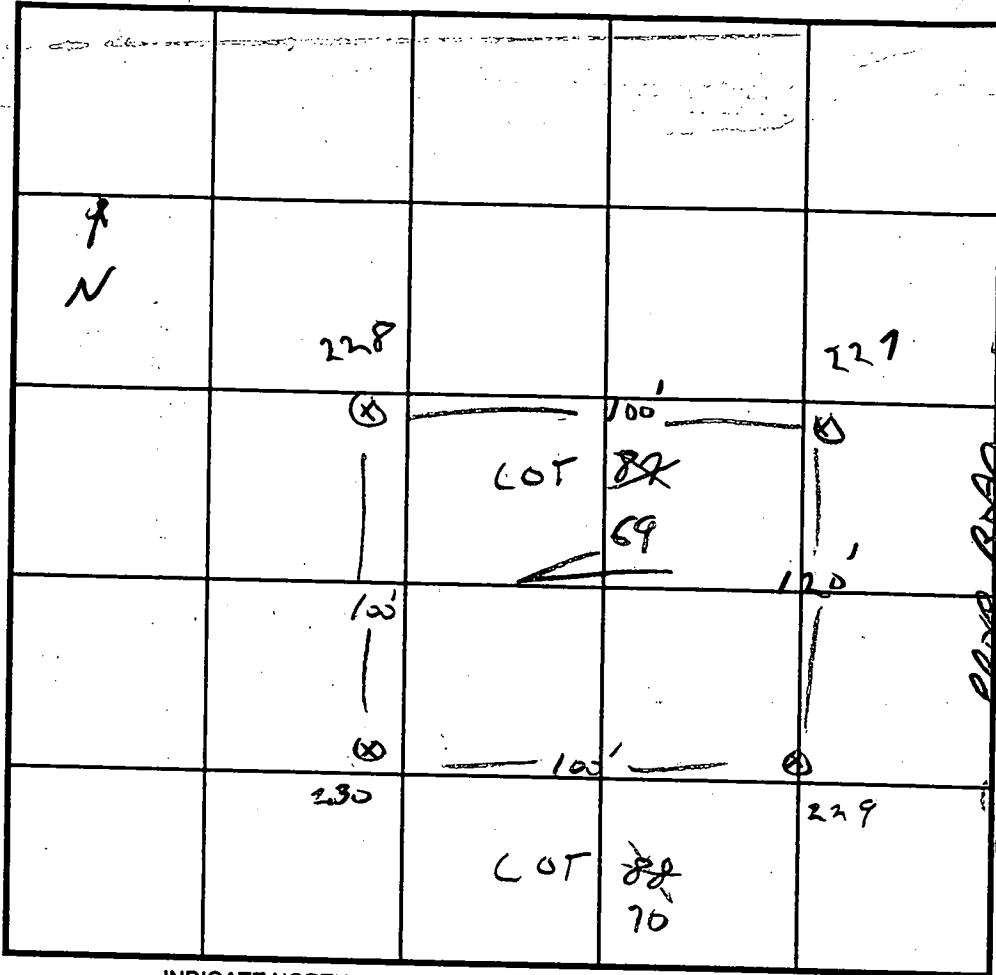
THIS IS NOT A PERMIT

56429

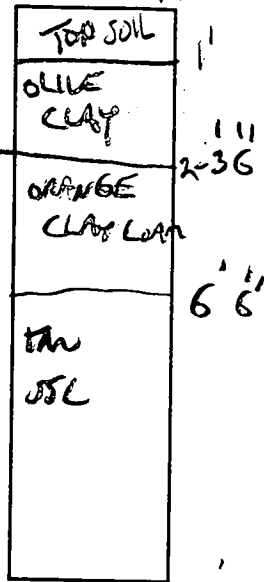
COUNTY #

SOIL PROFILE

0'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/3/96	228	5'	12:30	12:32	12:32	12:42	10 min	
	227	5'	12:35	LOST TEST STOPPED				
	229	5'	SEE	OTHER	SHEET		8 min	
	230	5' 6"	"	"	"		2 min	
	227	REORG 5'	1:46	1:47	1:47	1:49	2 min	

REMARKS LOT 88 DUG PER PLAN

TYPE OF SOIL 69

TESTED BY G. SAVAGE ALSO PRESENT Don REIMER, Mike

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 min TRENCH WIDTH 3

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 200

AL 0069

A.F. HUNG SEWER
SCOTT 11/12

N09°03'20"E

200.00'

E 13'

100.00' 69
50,000 SF
30" BRL

Total linear feet
required 268 feet

Width of trench (ea) 3 feet

Depth of trench (ea) 6 feet

100.00' 68
49,874
30" BRL

Trench
required 268 feet

Width of trench (ea) 3 feet

Depth of trench (ea) 6 feet

GATHER HUNT 98-009
LOT 69 RYAN 11-12-98

ATTN SCOTT JAMES
PLEASE REVIEW PRIOR
TO FINAL DRAFTING

Depth of stone required below
distribution pipe 2 feet

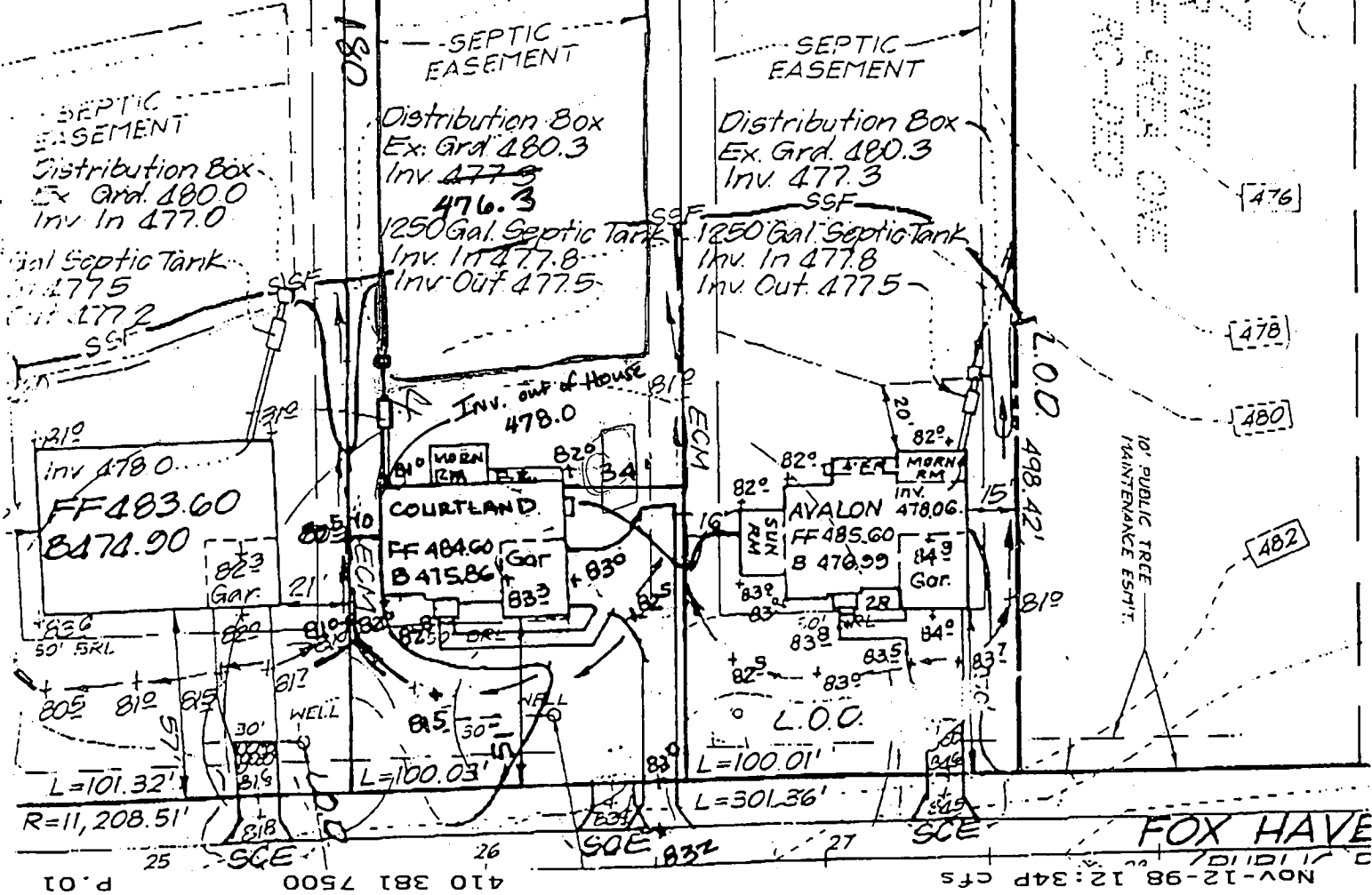
THANKS JOEY @ CFS

Approved Septic System Plan
Howard County Health Department

EMENTS WILL NOT SEWER BY
GRAVITY LOTS 68 THRU 70

Kimberly Mairto
Signature

12.14.98
Date



C1 4328
 SEQUENCE NO. (MDE USE ONLY)
 1 2 3 6

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER
 WELL IS COMPLETED.
 COUNTY NUMBER A 57053K

ST/CO. USE ONLY
 DATE RECEIVED
 MM DD YY
 12 17 98

DATE WELL COMPLETED
 MM DD YY
 12 10 98
 Depth of Well
 22 300 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
 Ho-94-1786

OWNER RUSSELL OSU LLC
 STREET OR RFD ~~1000 N. HARRIS WAY~~ ODRISL FARM RT TOWN ELLICOTT CITY
 SUBDIVISION GATHER HUNT SECTION 1 LOT 69

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 soil	0	50	
HARD BROWN SANDSTONE	50	58	
GRAY GRANITE	58	300	
	75		✓
	115		✓
	220		✓

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 16 NO. OF POUNDS 1504
 GALLONS OF WATER 64
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 TOP 52 ft to 63 BOTTOM 58 ft
 (enter 0 if from surface)

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

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

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

NUMBER OF UNSUCCESSFUL WELLS: 0
 WELL HYDROFRACTURED Y N

CIRCLE APPROPRIATE LETTER
 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. MWD 355
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 LIC. NO. 1 JW D 341
 Max & Jones

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

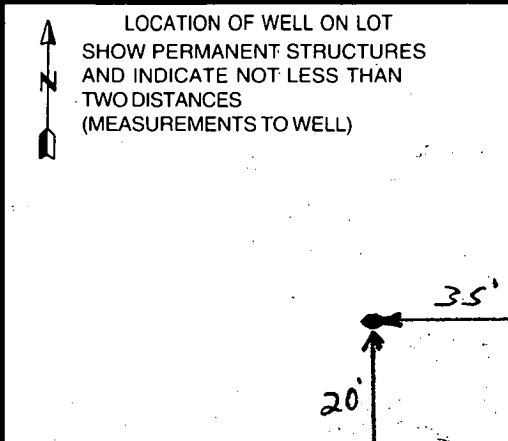
DEPTH (nearest ft.)
 1 Ho 63 300
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GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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 (nearest hour) 3
 PUMPING RATE (gal. per min.) 5.4
 METHOD USED TO MEASURE PUMPING RATE Watch + Bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 26 ft.
 WHEN PUMPING 64 ft.
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet 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
 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 2 (nearest foot)



8074

SEQUENCE-NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1785 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

RUSSELL DEVELOPMENT LLC

8808 CENTRE PARK DRIVE Suite 209

COLUMBIA MD 21045

LOCATION OF WELL

8 COUNTY 21

Howard Gather Hunt

SECTION 1 LOT 69

ELLCOTT CITY

MILES FROM TOWN (enter 0 if in town) 4

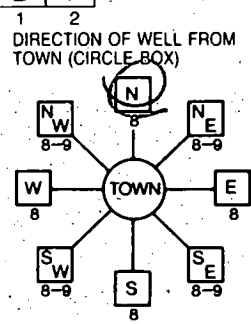
DRILLER INFORMATION

MICHAEL BARLOW MW D355

MICHAEL BARLOW Well Drilling Svc Inc

912 FAWN COURT Joppa, MD 21085

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Doishfarm Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 20 FT

TAX MAP: 29 BLK: 11 PARCEL 322

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (D)
Farming (Livestock Watering & Agricultural Irrigation) (F)
Industrial, Commercial, Dewatering (I)
Public Water Supply Well (P)
Test, Observation, Monitoring (T)
Geo-Thermal (G)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A57053K

COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S

DATE ISSUED 10/16/98

CO SIGNATURE EXP. DATE NORTH GRID 520 000 EAST GRID 830 000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered) JETTED Jettted & 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 (N)
This well will replace a well that will be abandoned and sealed (Y)
This well will replace a well that will be used as a standby-contact local approving authority for policy on standby wells (S)
This well will deepen an existing well (D)

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

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

APPROX. PERMIT NUMBER 54 PERMIT No. HO-94-1785

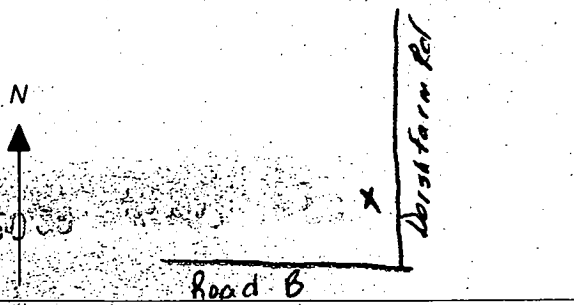
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 830 N 520

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

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

~~410-9833~~ PHONE (410) 313-2640
FAX (410) 313-2648

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer LEHSAC Corporation

Telephone 410-242-6888

License Number #3344

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner Ryan Homes Telephone 410-664-0501
Subdivision Gaithers Hunt Lot # 69 Well Tag # 40-94-1286
Site Address 11096 DORSCH FARM ROAD

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make SACUZZI
- Model # 154521B-F2
- Capacity 5 GPM

Motor

- Horsepower 3/4
- RPM _____
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make _____
- Model # _____
- Depth _____

- Pump exceeds well capacity Yes _____ No
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

Tank

- Capacity 86
- Pressure relief valve? _____

Piping

- Type POLYETH
- Size 1/2"
- NSF and/or BOCA Code approved _____
- Depth of supply line _____

Well data

- Depth 300 ft.
- Yield 5.4 GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? _____

2/10/99 2-PC CAP +
PITLESS AD. OK

MRP

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.

Signature of Applicant: Edward Chapman

Date: 2/10/99

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

500.92

30' BRL

10' BRL

10' BRL

Scale

1" = 41.66'

Lot 70

Lot 68

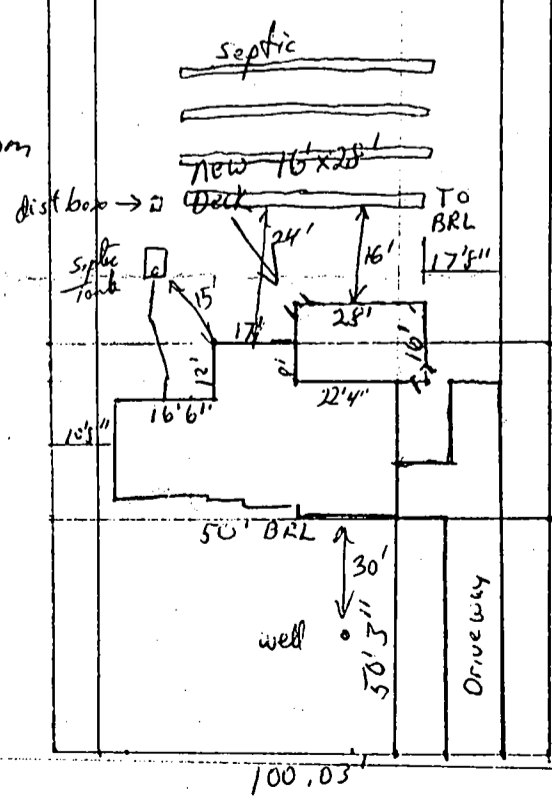
11046 Dorsch Farm Rd.

Request for Variance:

- ① The deck footings will be 18 feet from trenches.
- ② If the home owner have no intention of ever enclosing the area.
- ③ The slope of backyard will force the drainage away from deck.

Thank you,
Matt B. Ford

OK. Fing
[Signature]



100.03'

BP No #424

11046 Dorsch Farm Rd.

June 08, 1999

To: Craig Williams
Howard County Health Department
Water and Sewer Program
Program Director

From: Matthew B. Fox
Lot 69 Gaither Hunt
11046 Dorsch Farm Rd
Ellicott City, Md 211042

Re: Request for variance for deck permit

I am requesting a variance from the normally required 20 foot set-back from the septic dispersal system to a 16 foot set-back on the distance between my proposed deck and my dispersal system. There are several reasons why I feel the variance should be granted;

- 1) The deck will be fully above ground. I have no intentions of ever enclosing the area, or using the area underneath the deck for storage.
- 2) The footings for the deck will be offset 2 feet so that the distance to the actual footings to the dispersal system will be 18 feet.
- 3) The grade of the backyard area will definitely cause the release from the system to flow away from the house.
- 4) A 16 foot wide deck is certainly not excessive for a 3,400 sq/ft house. Anything less may detract from the overall value and appearance of the home.

I want to thank you in advance for your consideration of this request, and I would be happy to answer any of your questions or concerns relating to this variance. I can best be reached on my portable phone @ 240-508-2735 (local to 301) or at home @ 410-730-6692

