

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

INDEX

ELLICOTT CITY

DISTRICT 3rd

DATE 11/15/83

P 33299

A 28407

12-2-83
checked

03-306975

Paul Schissler - South Carroll Backhoe Service

IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Shellbottom Road, Westminster, Md. 21157 PHONE 875-4197

SUBDIVISION Farside ROAD 11702 Laurel Oak Court LOT 18

PROPERTY OWNER Mr. and Mrs. Richard Pettingill

ADDRESS 9893 Century Drive, Ellicott City, Md. 21043 Phone: 997-7718

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

DRY WELL AND/OR DRY WELL AND TRENCH - To have 150 sq. ft. effective absorbent side-wall area per bedroom below inlet. Inlet to be 3 1/2 ft. below original grade and maximum depth 9 1/2 ft. below original grade. Locate dry well 15 ft. in from right property line and 175 ft. down right property line from right front corner point when facing lot from court. If dry well and trench used need 5 ft. earth buffer between dry well and trench. Two inspections of trench, before and after gravel is installed. Run trench on contour.

PLANS APPROVED BY Charles B. Streaker DATE 12/14/79

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

BLDG. PERMIT SIGNED
AND RETURNED 9/23/85

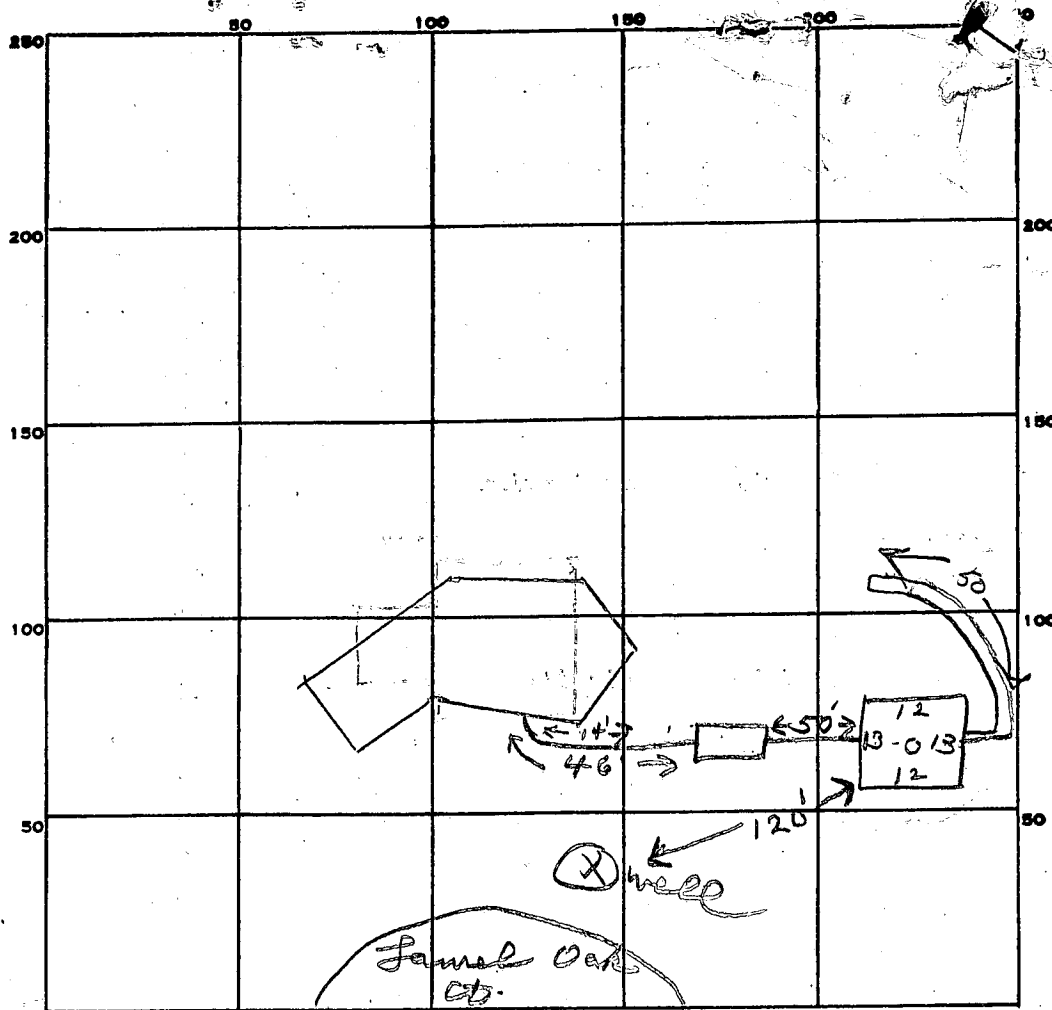
Final # 06978 7741

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 28407



PERMIT CARD _____

SEPTIC TANK, LEVEL ✓ 1500 gal

CLEANOUTS ST DW

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 IN. TOTAL LENGTH 50 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 300

SEEPAGE PITS, INSIDE DIAMETER 50 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 12/1/83 OK to add stone in trench.

12/1/83 OK to cover trench. Need to see stone in drywell.

If not fill around open septic tank, 6" clean out pipe OK, otherwise man hole needed.

12-2-83 3' CLEANOUT OUT PIPE 6" OK. GRAVEL ADDED, COVER ALL WORK. CW

DATE SYSTEM APPROVED 12-2-83

INSPECTOR C. Williams

APPLICATION

A 28407

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

1000 gallons
DISTRICT 3HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICESP. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356DATE May 12, 19781-3 Bedrooms
4 Bedrooms 1250 gallons

Septic Tank

⊙ Dry well to have 150 sq. ft. effective absorbent sidewall area per bedroom below inlet. Inlet to be 3 1/2' below original grade and maximum depth 9 1/2'. Location per engineer's plat: 15' in from right property line and 175' down right property line from right front corner point when facing lot from court.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

Mr. & Mrs. Richard Pettingill
Woodmark, Inc.PROPERTY OWNER
ADDRESS 9893 Century Drive
9267 Balto. Nat'l. Pike
Ellicott City, Md 21043PHONE 997-7718
461-2889

PROPERTY LOCATION:

SUBDIVISION Farside11702 Laureloak CourtROAD AND DESCRIPTION Rt. 40 west to left on Rt. 111, left on Folly Quarter, left onHomewood, 1 mile to property on leftSIZE OF LOT 3 plus acresTYPE BLDG. (1) - on grade

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT [Signature]APPROVED BY C. B. Stresker

FOR

(KIND OF SYSTEM)

DATE

12/14/79

REJECTED BY _____

FOR

(KIND OF SYSTEM)

DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING _____

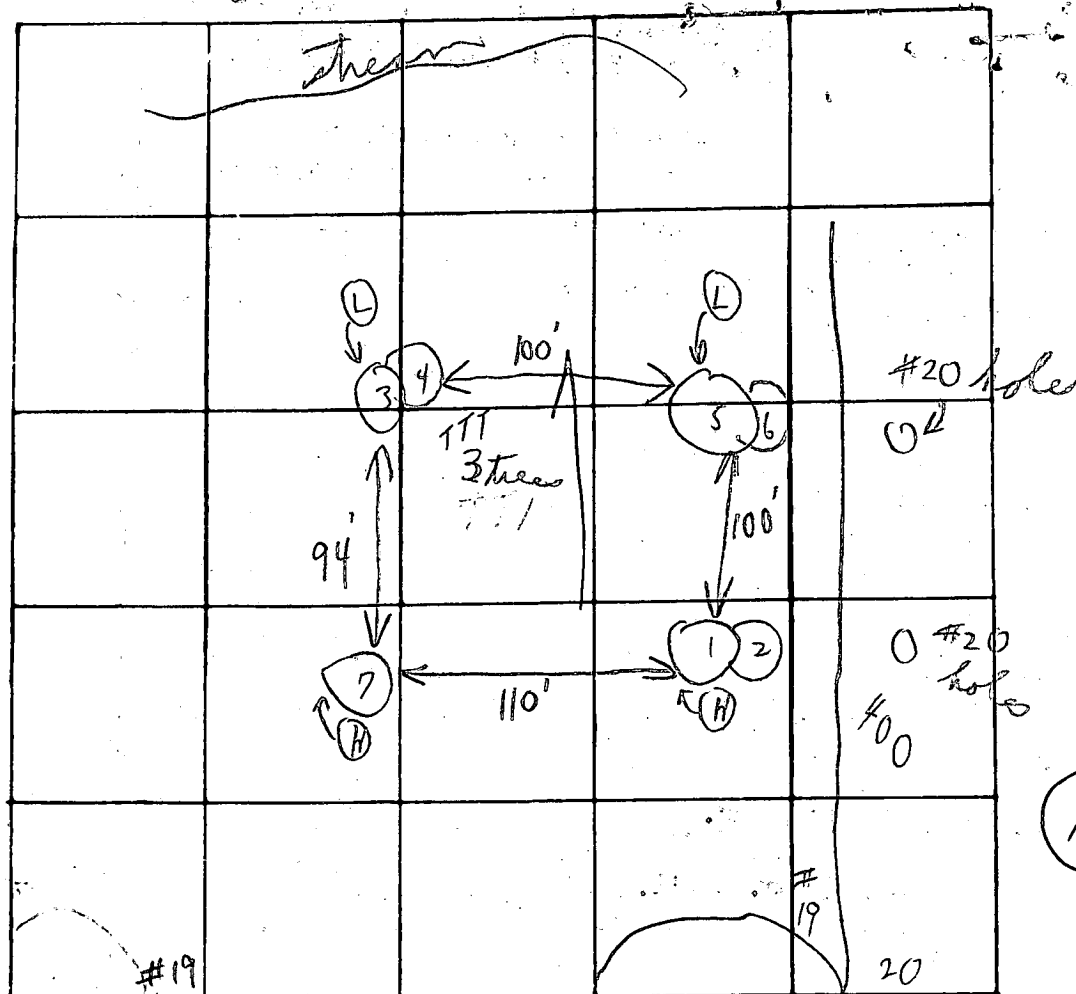
↓ ⊙ Right property line being 430' in length.

BLDG. PERMIT SIGNED

AND RETURNED 7/1/83Serial # 54678 SF10

THIS IS NOT A PERMIT

18



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Soil Profile

Below
Jug
Loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/6/78	1	3 1/2'	1:27	1:29	1:29	1:34	5 in
	2	11' x	1:26	1:30	1:30	1:35	5 in
	3 A	4'	1:31	1:35	1:35	1:40	Ball of clay loam shelf
	4	13'	1:31	1:38	1:38	1:55	17 in
	5	3'	Visual				
	6	10'	sandy loam				
	7	(11 1/2')	Similar to 1 & 2				
	3 B	5'	2:20	2:21	2:21	2:24	3 in
						4	30

Tests
per
stakes
Ball of clay
loam
shelfended 3 1/2'
8 min avg.
150 sq ft
per bedroom

REMARKS

3 young trees in test area near (3 & 4)

TYPE OF SOIL

TESTED BY

C. B. V. & J. D.

ALSO PRESENT:

Dance as yet to be done

0602

SEQUENCE NO.
(OEP USE ONLY)3 hrs pump
test-STATE OF MARYLAND
PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-0110

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

2nd 4/3/83 - 1:00 pm. please print or type

fill in this form completely

Date Received

4/1/83

0 5 0 4 8 3
(OEP Use Only)

OWNER INFORMATION

Last Name 15 34 Name
LEBLING NICK29117 WOODWICK CT
36 Street or RFD 55ELLENCLIFF CITY MD 21043
Town 57 State 76 Zip

B 1 Continued

DRILLER INFORMATION

GEORGE F. EASTERDAY 40
Driller's Name 77 License No. 80

G.F. EASTERDAY, INC.

0265 BENOW CUMMIS RD MT. AIRY, MD. 21771

Address
George F. Easterday 5/3/83
Signature Date

B 2

WELL INFORMATION

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 150 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
- other

REPLACEMENT OR DEEPEENED 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
- ☐ THIS WELL WILL DEEPEEN AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER 54 GAP 63

FORCE ES WRITE INITIALS IN BOX PERMIT No. 40-81-0110

B 5

SPECIAL CONDITIONS 8-63

LOCATION OF WELL

COUNTY Howard

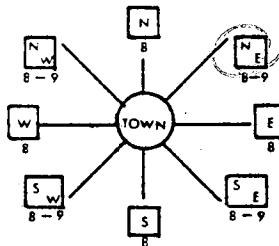
SUBDIVISION FAESIDE

SECTION 23 LOT 18

NEAREST TOWN CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 6

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

Homewood Rd.
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

1600
2800
DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN 'X'

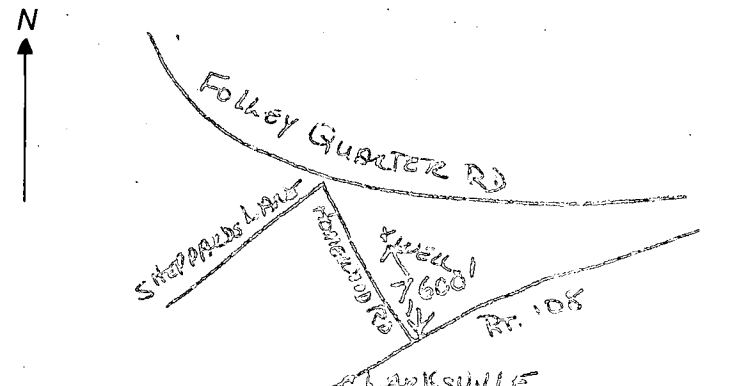
SOURCES OF DRILLING WATER

- WELL
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

8204
5105

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



B 4

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A25467 COUNTY NO.

OEP SIGNATURE DATE ISSUED 05/19/83

CO SIGNATURE

NORTH GRID 515 EAST GRID 0824 EXPIRES 11/19/83

SEQUENCE NO.
(OEP USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A 28407

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

HO-87-9170

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

Received

DATE WELL COMPLETED

060383

Depth of Well

22 160 26
(TO NEAREST FOOT)OWNER Lebling Dick
last name first name
STREET OR RFD Laurel Oak Court TOWN Clarksville
SUBDIVISION Farside SECTION 1 LOT 18

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM TO

Check
if water
bearing

Topsoil	0	2	
Brown Mica	2	9	
Tan Mica	9	19	
Quartz	19	26	
Tan Mica	26	46	✓
Mica	46	53	
Tan Mica	53	56	✓
Mica	56	64	
Tan Mica	64	66	
Opening	66	67	✓
open	67	160	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes no
Y N
44 44

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC
45 46 45 46NO. OF BAGS 7 NO. OF POUNDS 700GALLONS OF WATER 38

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 21 ft.
48 TOP 52 54 BOTTOM 58
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN Nominal diameter Total depth
CASING top (main) casing of main casing
TYPE (nearest inch) (nearest foot)ST 6 23
60 61 63 64 66 70OTHER CASING (if used)
diameter depth
inch from to
EACH CASING

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
belowST BR HO
STEEL BRASS OPEN
BRONZE HOLE
PL OT
PLASTIC OTHERC 2
1 2
DEPTH (nearest ft.)
1 8 9 11 15 17 21
2 23 24 26 30 32 36
3 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN 56 (NEAREST INCH)GRAVEL PACK
IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)T (E.R.O.S.) W Q
70 72 74 75 76
TELESCOPE LOG OTHER DATA
CASING INDICATOR

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3PUMPING RATE (gal. per min. 8
to nearest gal.)METHOD USED TO
MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 34WHEN PUMPING 51

TYPE OF PUMP USED (for test)

A air P piston T turbine
27 27 27
C centrifugal R rotary O other (describe below)
27 27 27
J jet S submersible
27 27

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS
EXCEPT HOME USETYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX - SEE ABOVE: 29CAPACITY:
GALLONS PER MINUTE 31 35
(to nearest gallon)PUMP HORSE POWER 37 41PUMP COLUMN LENGTH
(nearest ft.) 43 47CASING HEIGHT (circle appropriate box
and enter casing height)+ above } LAND SURFACE
- below } 2 (nearest foot)
49 50 51

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)

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
WELLI HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN
ACCORDANCE WITH COMAR 10.17.13 "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 IDENT. NO. 40DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

HEALTH

Frost lot line

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Location of property (road)

Subdivision Farside Laurel Oak Ct

Lot 78

Owner

Plat

Sec

66 AM

Distance of measuring point (M.P.) above ground _____

Static water level (S.W.L.) below M.P.

round 34 18'

1. High rate pumping -- reservoir drawdown

Time pump started

Total time 12:45 12:00 to reach

Pumping rate

Recovery pump test data
Total time 12:45 to reach pumping water level 51' Pumping rate 10.6 P.M.
Recovery pump started 12:00 ft. below M.P.

ft. below M.P.

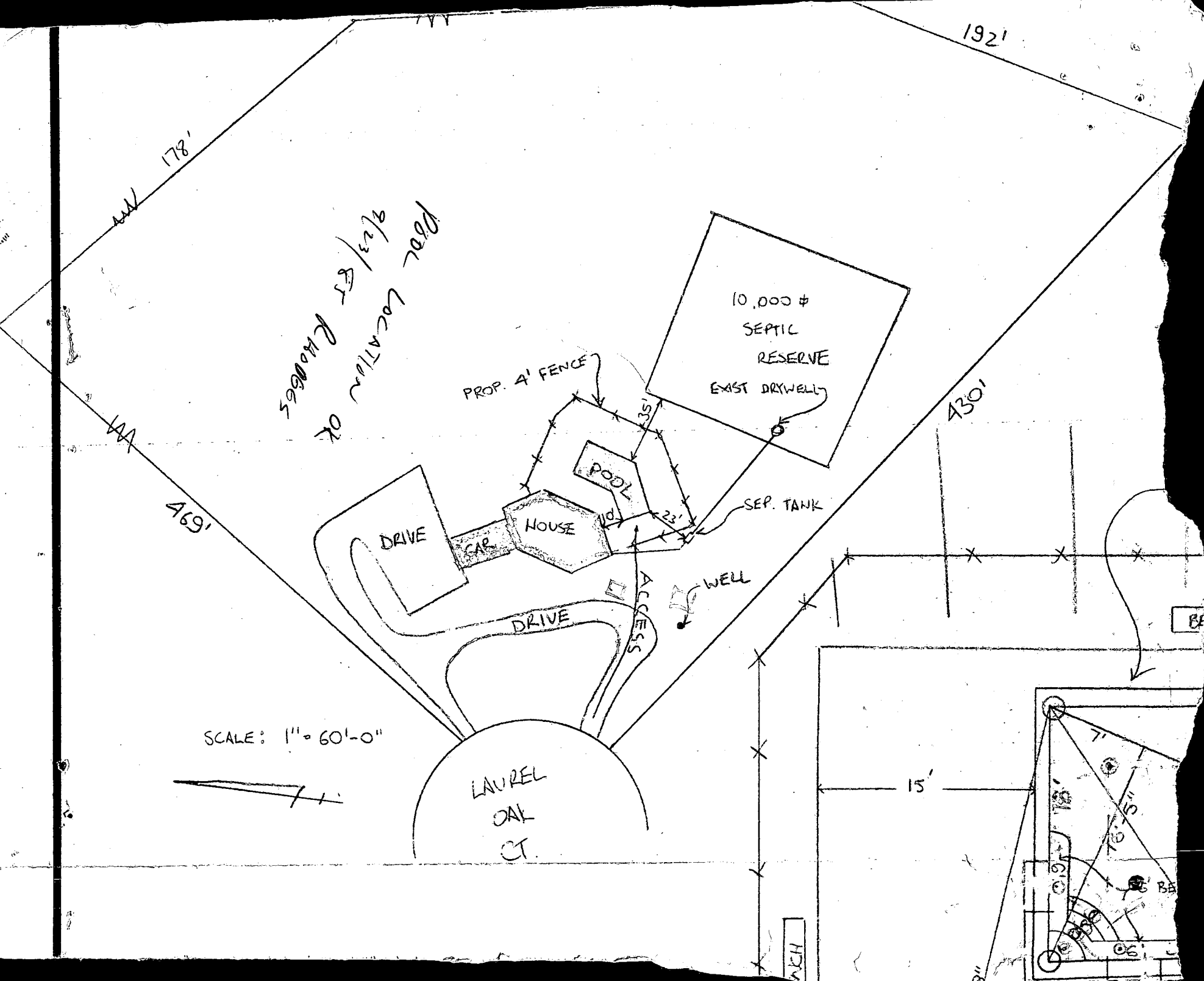
II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15'	WATER LEVEL	PUMPING
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P. 140

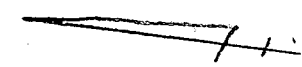
[illegible]

Виктор Иванович



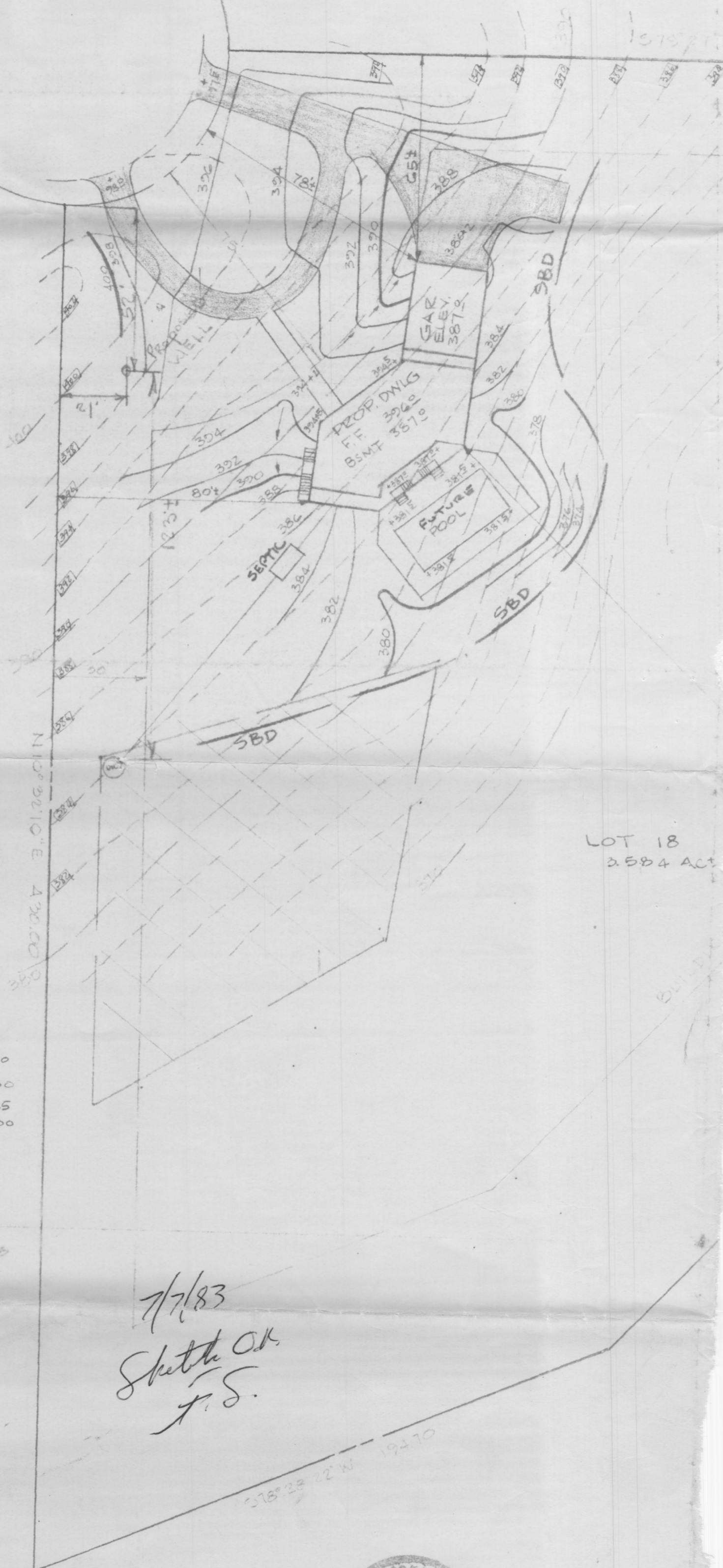
Pool location of
9/23/85 Rhoades

SCALE: 1" = 60'-0"



LAURELOAK COURT

50



DRYWELL

EXISTING GRADE = 384.00
FINISH GRADE = 384.00
INVERT = 380.50

SEPTIC TANK

EXISTING GRADE = 385.00
FINISH GRADE = 385.00
INVERT IN = 382.25
INVERT OUT = 382.00

WELL

EXISTING GRADE =
PROPOSED GRADE =
INVERT AT HOUSE = 382.10

7/7/83
Sketch OK
T.S.

HUDKINS ASSOCIATES, INC.
SUITE 231, JOSEPH SQUARE
5485 HARPERS FARM ROAD
COLUMBIA, MD 21044



HUDKINS ASSOCIATES,
SUITE 231, JOSEPH SQUARE
5485 HARPERS FARM ROAD
COLUMBIA, MD 21044