

# PERMIT

approved 9/24/81  
stayer P 31504  
A 25681

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

03-287572

ELLICOTT CITY

DISTRICT 3rd

DATE 7/23/81

## INDEX

~~Souder Builders~~ Pat Lendrum IS PERMITTED TO INSTALL  ALTER

ADDRESS 9335 Old Scaggsville Road, Laurel, Md. 20810 PHONE 725-5772

SUBDIVISION \_\_\_\_\_ ROAD 3685 Ivory Road LOT 1-B

PROPERTY OWNER Souder Donald

ADDRESS 9335 Old Scaggsville Rd, Laurel, Md. 20810

SPECIFICATIONS 4 Bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

SEEPAGE PITS  ABSORBENT SIDE-WALL AREA 165 SQ. FT. per bedroom

INLET PIPE 5 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 13 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 190 FT. FROM front LOT LINE AND 75 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM Ivory Rd.

NOTE: Ok to add deep ditch off dry well to obtain additional area. Make ditch 13 Ft. deep with 7 Ft. of stone. Two inspections of the ditch are needed.  
Okay to use trench off dry well to make up absorbent sidewall area in system leave 5 ft. earth buffer between trench and dry well. Trench to follow contour of the land.

PLANS APPROVED BY Raymond Hodges DATE 12/5/77

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

BLDG. PERMITS SIGNED  
AND RETURNED 219-02  
300 134336  
Full Basement

A 25681

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



# APPLICATION

A 25680

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DATE 4/22/77

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.

PROPERTY OWNER HOWARD ASSOCIATES

ADDRESS Suite 118, Teachers Bldg., Columbia, Md. PHONE \_\_\_\_\_

PROPERTY LOCATION:

*Lot 3 & Lot 4 Combined  
to new 1B*

SUBDIVISION \_\_\_\_\_ LOT NO. 3

ROAD AND DESCRIPTION Ten Oaks Road, South of Burntwoods Road

SIZE OF LOT 1.639 acres TYPE BLDG. 3 or 4

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 /s/ Joel Abramson

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

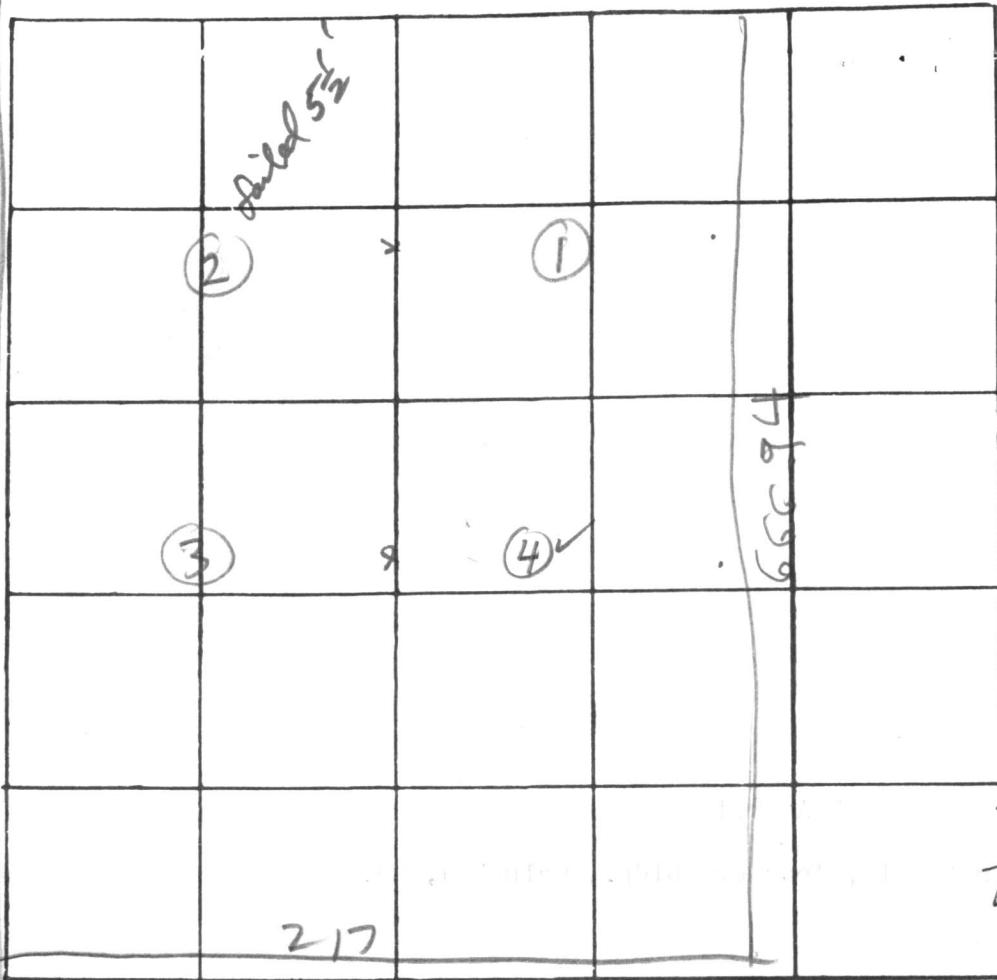
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 10/5/77 Perc OK Hold for Plat B/H

# THIS IS NOT A PERMIT

547.49



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

IVORY RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	HOLE ELEVATION
			START	STOP	START	STOP		
10/4/77	1S	4	1045	1047	1047	1052	5	LOW
	1D	14	1046	1047	1047	1052	5	
	2S	5 1/2	1056	1120	1120	1150	failed	LOW
	2D	14	1056	1104	1104	1106	2	
	3V	11	TOP	4 ft	Bot	2 ft	Sand & Rocks	HIGH
	4S	5	1107	1112	1112	1119	7	HIGH
	4D	13	1107	1119	1119	1140	21	USE FOR DW
10/4/77	2M	7	1156	1201	1201	1221	20	at line
								10 min
								max depth

REMARKS

TYPE OF SOIL

TESTED BY

Certify Holes  
R.H.S. R.B.

ALSO PRESENT:

Fryer Co  
Lot new 1B

# APPLICATION

A \_\_\_\_\_

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3rd  
DATE 4/23/77

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.

PROPERTY OWNER Howard Oss

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 1B

ROAD AND DESCRIPTION Ten Oaks Rd & Troy Rd

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. 3 or 4  
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 \_\_\_\_\_

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



C 1 **3289** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

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

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

**FILL IN THIS FORM COMPLETELY**

COUNTY NUMBER A25-681

DATE RECEIVED (WRA USE ONLY) \_\_\_\_\_

DATE WELL COMPLETED APRIL 17, 1980

DEPTH OF WELL 305

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-3564

DRILLERS IDENTIFICATION NO. 273

OWNER Soulder Builders Inc. LAST NAME FIRST NAME

STREET OR RFD 14269 Tridelphia Mill Rd POST OFFICE Dayton Md.

**WELL LOG**

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top Soil	0	2	
Sandy	2	30	✓
Sandstone	30	50	
Micka	50	60	
Sandstone	60	75	✓
Micka	75	305	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  BENTONITE CLAY

NO. OF BAGS 15 NO. OF POUNDS 1500

GALLONS OF WATER 90

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 40 FT. (MEASURED)

**CASING RECORD**

CASING TYPES: INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE   
 PLASTIC  OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 46

**OTHER CASING (IF USED)**

EACH CASING	DIAMETER (INCH)	DEPTH (FEET)	
		FROM	TO

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE: INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

**DEPTH (NEAREST WHOLE FOOT)**

FROM 44 TO 305

EACH SCREEN: 1 HO 2   3  

SLOT SIZE 1.   2.   3.  

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM   TO  

GRAVEL PACK  

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T  (E.R.O.S.) W Q   
 70  72  74 75 76 OTHER DATA AVAILABLE

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 8

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 30 (NEAREST FOOT)  
 WHEN PUMPING 305 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)  
 AIR  PISTON  TURBINE  
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)  
 JET  SUBMERSIBLE

**PUMP INSTALLED**

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)  

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES  NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON)  

PUMP HORSE POWER  

PUMP COLUMN LENGTH (NEAREST FOOT)  

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 ABOVE } LAND SURFACE } 2 (NEAREST FOOT)  
 BELOW }

**CIRCLE APPROPRIATE BOXES**

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

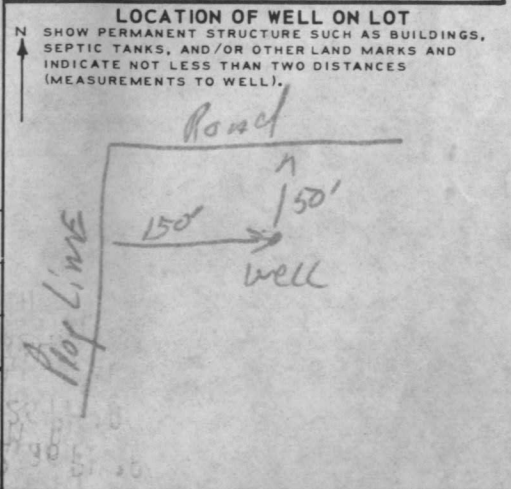
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME Ralph Mayne

(PLEASE PRINT) Ralph Mayne

SIGNATURE Ralph Mayne



3253

STATE OF MARYLAND  
WATER RESOURCES ADMINISTRATION  
STATE SERVICE DIVISION, ANNAPOLIS, MD 21401  
WELL COMPLETION REPORT

IT IS THE POLICY OF THE STATE OF MARYLAND TO PROTECT THE PUBLIC HEALTH AND SAFETY BY REGULATING THE CONSTRUCTION AND MAINTENANCE OF WELLS.

<p>WELL IDENTIFICATION NUMBER</p> <p>WELL DEPTH</p> <p>WELL TYPE</p> <p>WELL LOCATION</p> <p>WELL OWNER</p> <p>WELL USE</p> <p>WELL STATUS</p>	<p>WELL IDENTIFICATION NUMBER</p> <p>WELL DEPTH</p> <p>WELL TYPE</p> <p>WELL LOCATION</p> <p>WELL OWNER</p> <p>WELL USE</p> <p>WELL STATUS</p>	<p>WELL IDENTIFICATION NUMBER</p> <p>WELL DEPTH</p> <p>WELL TYPE</p> <p>WELL LOCATION</p> <p>WELL OWNER</p> <p>WELL USE</p> <p>WELL STATUS</p>	<p>WELL IDENTIFICATION NUMBER</p> <p>WELL DEPTH</p> <p>WELL TYPE</p> <p>WELL LOCATION</p> <p>WELL OWNER</p> <p>WELL USE</p> <p>WELL STATUS</p>
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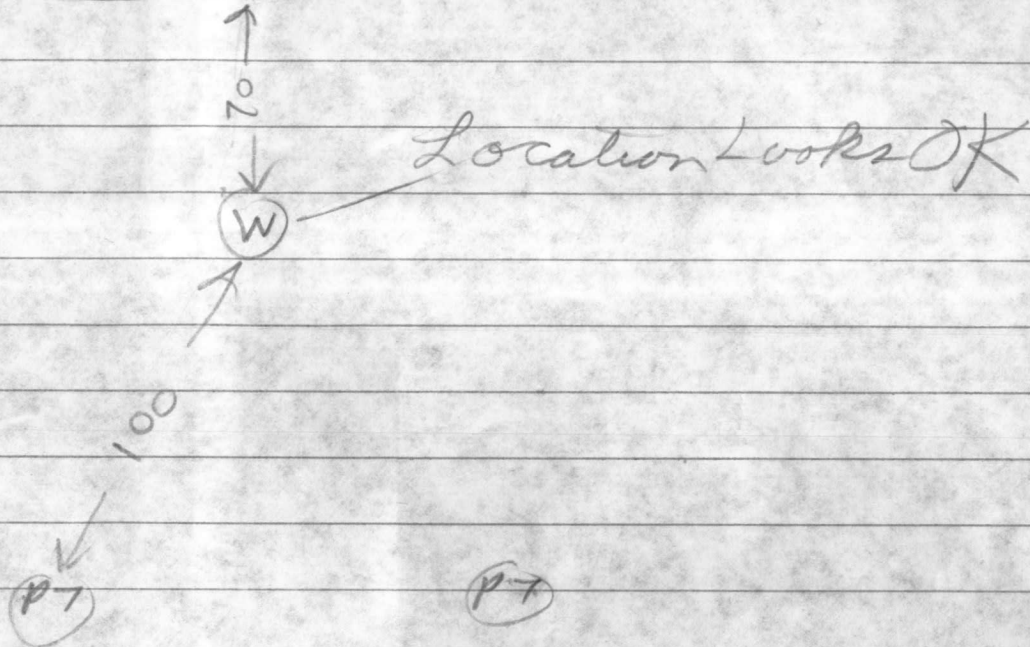
RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
ELLCOTT CITY, MD  
APR 24 9 32 AM '80

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
APR 24 2 26 PM '80  
DIVISION OF  
ENVIRONMENTAL  
HEALTH

# WELL GROUT

HOWARD ASSOCIATES  
Lot 1B Ivory Rd  
near Ten Oaks Rd  
W HO 73 35 64

EDGE IVORY RD



33

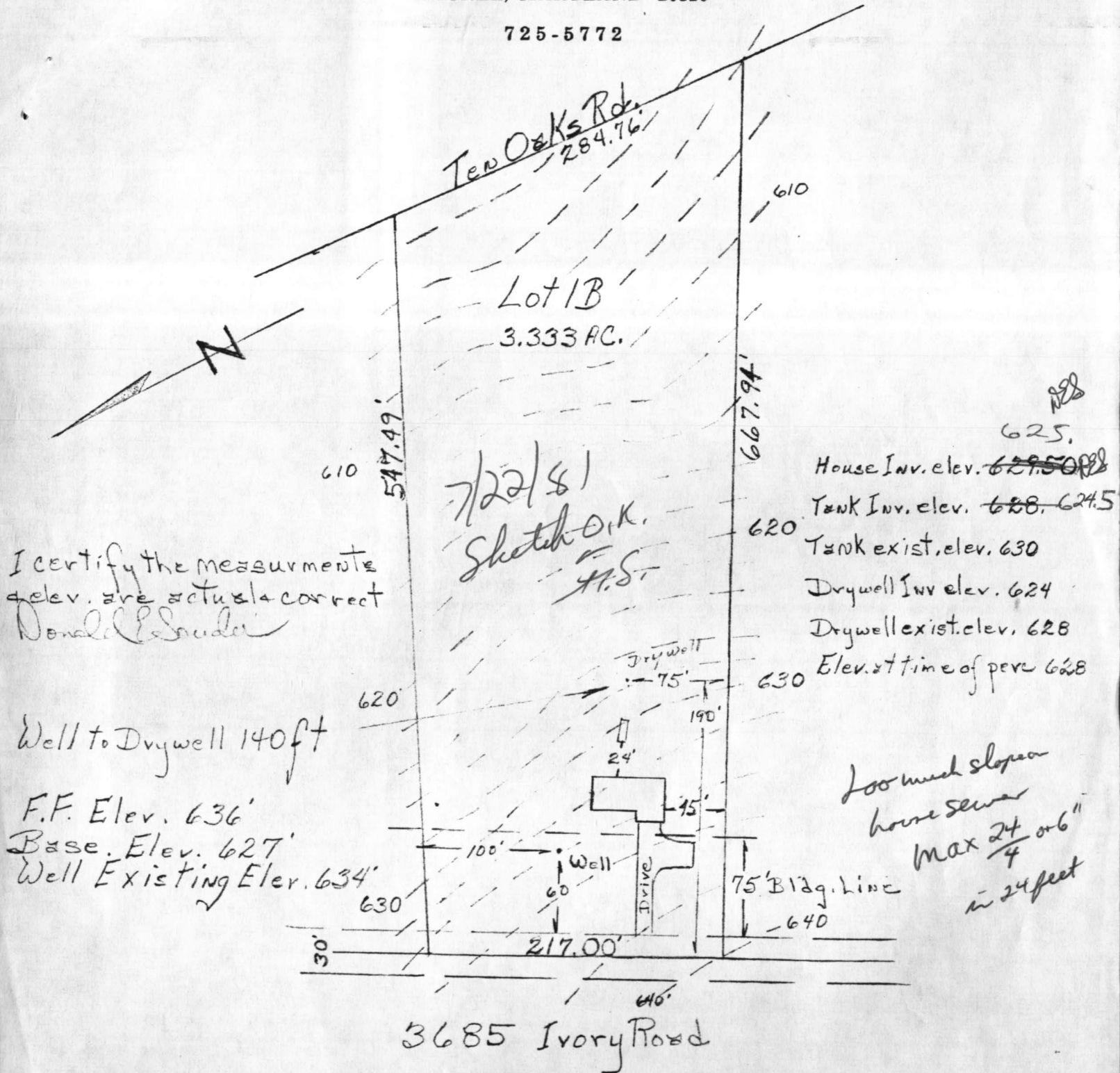
- ① 45 FT CASING & WITH 8 FT OUT OF GROUND
- ② 33 1/2 FT MEASURED WITH A STRING & WEIGHT
- ③ PIPE JAMMED 24 FT DOWN HOLE
- ④ 9 BAGS USED
- ⑤ Well OK

Ralph Mayne Jr also present  
Grout Observed by BIF  
4/17/80

# Souder Builders, Inc.

9335 OLD SCAGGSVILLE ROAD  
LAUREL, MARYLAND 20810

725-5772



The lot shown hereon complies with the minimum and lot areas as required by the Maryland State Health and Mental Hygiene.

APPROVED: Private Water and Private Sewer

*Dryden*  
Howard County Health

Owner: T S C 2

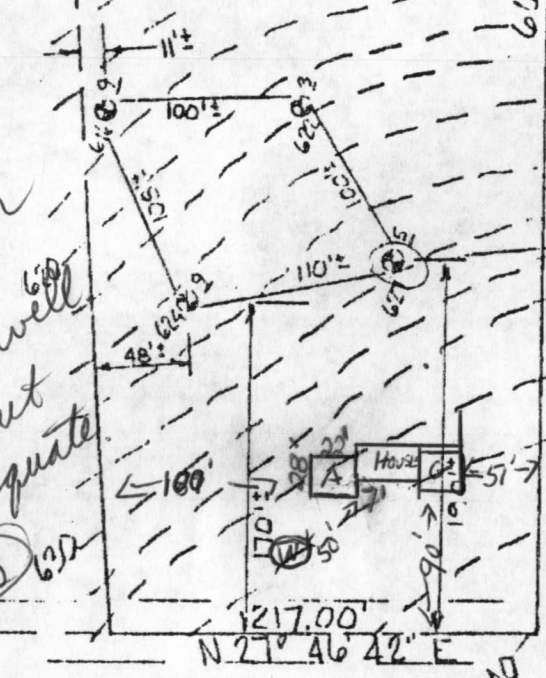
TEN OAKS ROAD  
S 02° 25' 29" W  
284.76'

644' N 66° 26' 47" W  
547.49'

1B  
3.333 Ac.

667.94'

N 62° 12' 18" W



⊙ = Perc holes field located.

800134336

2/19/02  
Addition O.K.  
Builder said  
he would push  
addition back so  
it is 30' from well  
although 27' feet  
is probably adequate  
anyway. (BB)

3685 IVORY ROAD 640

- A - ADDITION
- H - HOUSE
- G - GARAGE
- ⊙ - WELL

30' from well to  
Ex. House

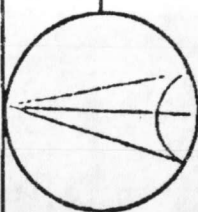
Mr. Proposed

Addition wall to be

27' from well, otherwise, need to  
set addition flush to the house  
to maintain 30' sep.

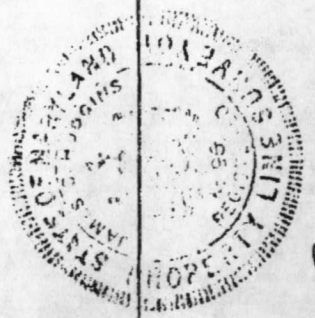
MAP OF PROJ  
HOWARD AS  
SITUATED  
3rd Election District A  
SCALE: 1" = 100'

REFERENCE



MERIDIAN

RICHARD P. BROWNE ASSOCIATES  
CONSULTING ENGINEERS, PLANNERS  
WAYNE, N.J. COLUMBIA MD



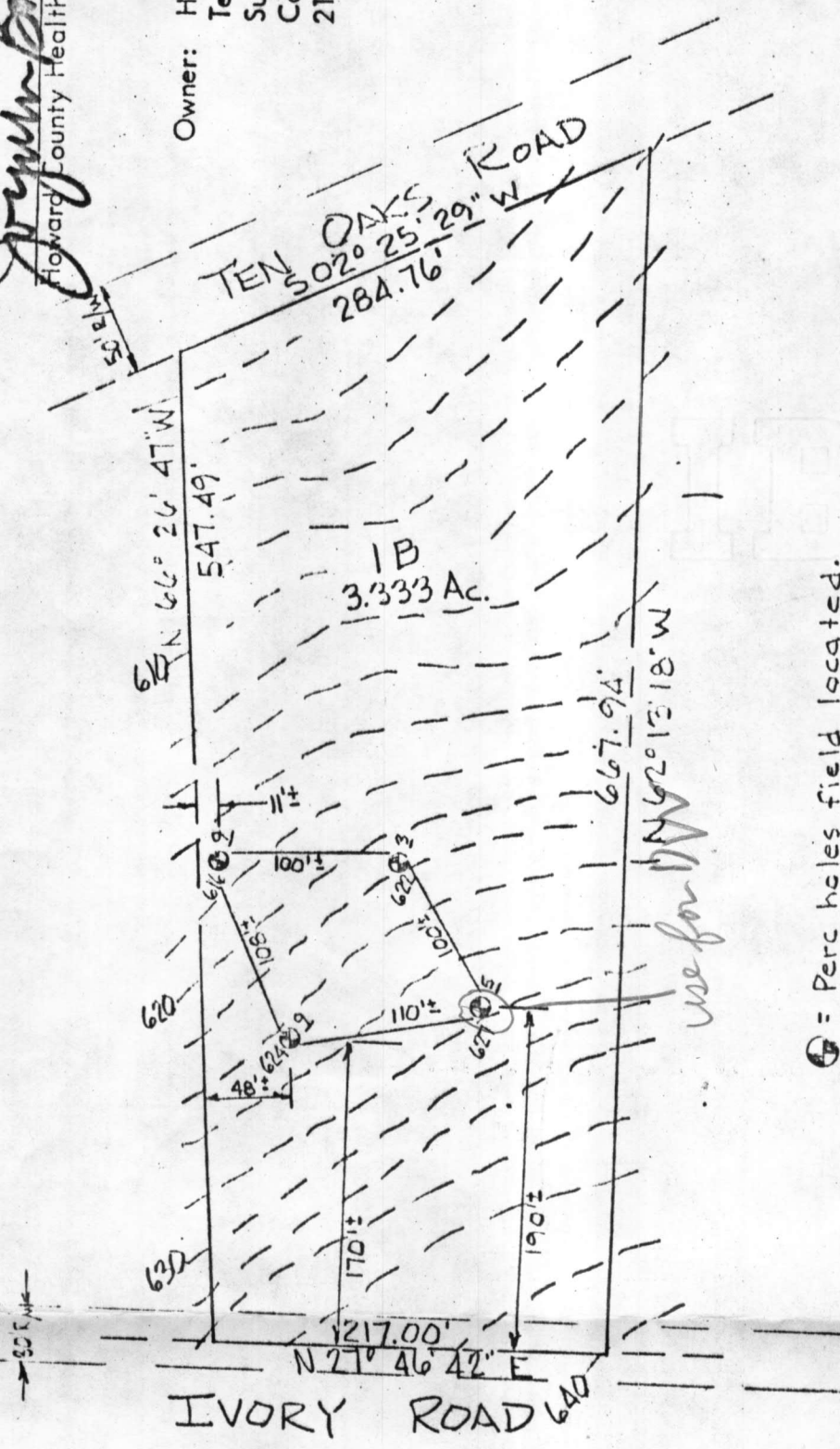
*Carl Huggins*  
CARL HUGGINS  
No. 56

The lot shown hereon complies with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

APPROVED: Private Water and Private Sewer

*J. J. ...*  
 Howard County Health Officer  
 date 11-30-77

Owner: Howard Associates  
 Teachers Building  
 Suite 117  
 Columbia, Maryland  
 21044



⊙ = Perc holes field located.



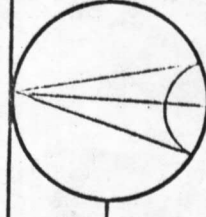
*Carl Huggins*  
 CARL HUGGINS

MAP OF PROPERTY OF  
 HOWARD ASSOCIATES

SITUATED IN  
 3rd Election District Howard County, Md.

SCALE: 1" = 100'  
 DATE: 11-1-77

MERIDIAN



REFERENCE

RICHARD P. BROWNE ASSOCIATES  
 CONSULTING ENGINEERS, PLANNERS  
 WAYNE, N.J.  
 COLUMBIA, MD.

No. 26

PROJECT No. 1547 W O No. 4-56

DRAWN \_\_\_\_\_ CHECKED \_\_\_\_\_