

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 7/7/82

approved 7/27/82
Stayed P 32014
A 31881

7/27/82

7/26/82 03-300860
around 3:00 please

INDEX

South Carroll Backhoe Service IS PERMITTED TO INSTALL ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Maryland PHONE 795-2642

SUBDIVISION Farside ROAD 11702 Oakspine Court LOT 12

PROPERTY OWNER Woodmark, Inc.

ADDRESS 12150 Mt. Albert Court, Ellicott City, Md.

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1200 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 150 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 200 FT. FROM back LOT LINE AND 200 FT. FROM left LOT LINE AS SEEN WHEN FACING LOT FROM Oakspine Court

DRY WELL AND TRENCH

Add a trench off dry well to make necessary additional absorbent area after a 5 ft. earth buffer. Ditch is to be 10 ft. deep below original grade, with inlet at 4 1/2 ft. deep below original grade and filled with 5 1/2 ft. of stone. Run ditch on level ground toward the left side of the lot when facing the lot from Oakspine Court. The back lot line is considered to be the 389.96 ft. long lot line

NOTE: MANHOLE TO GRADE REQUIRED ON SEPTIC TANK.

PLANS APPROVED BY Raymond Hodges DATE 5/7/82

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.

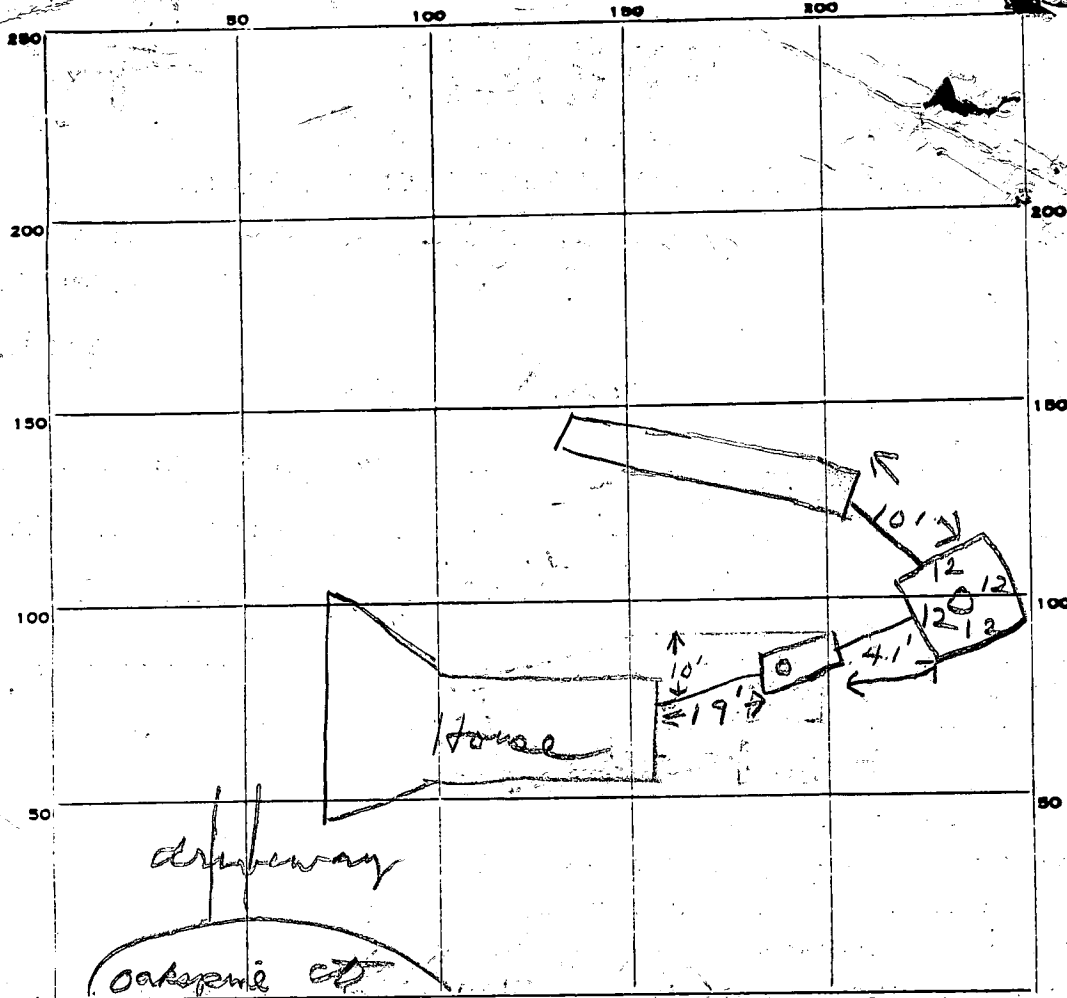
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZZO ACCEPTED.

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

A 31881



PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS

ST / DW
 /

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 IN. TOTAL LENGTH 60 FT.

360
 288
 648

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 648 SQ. FT.

REMARKS

7/26/82 OK to add stone in trench JF

7/27/82 OK to cover trench

7/27/82 OK to cover all work JF

DATE SYSTEM APPROVED

7/27/82

INSPECTOR

Stayer

Retest

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 31881

P _____

DISTRICT 3rd

DATE 4/19/82

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 Woodmark, Inc.

ADDRESS 12150 Mt. Albert Court, Ellicott City, Md. 21043 PHONE _____

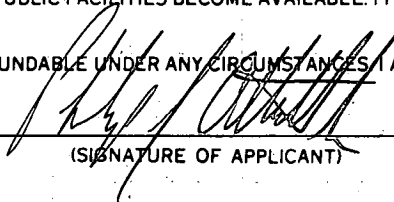
PROPERTY LOCATION:

SUBDIVISION Farside LOT NO. 12

ROAD AND DESCRIPTION Homewood Road

SIZE OF LOT 3 acres m/1 TYPE BLDG. 3 or 4 bedrooms
(NUMBER OF BEDROOMS)

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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

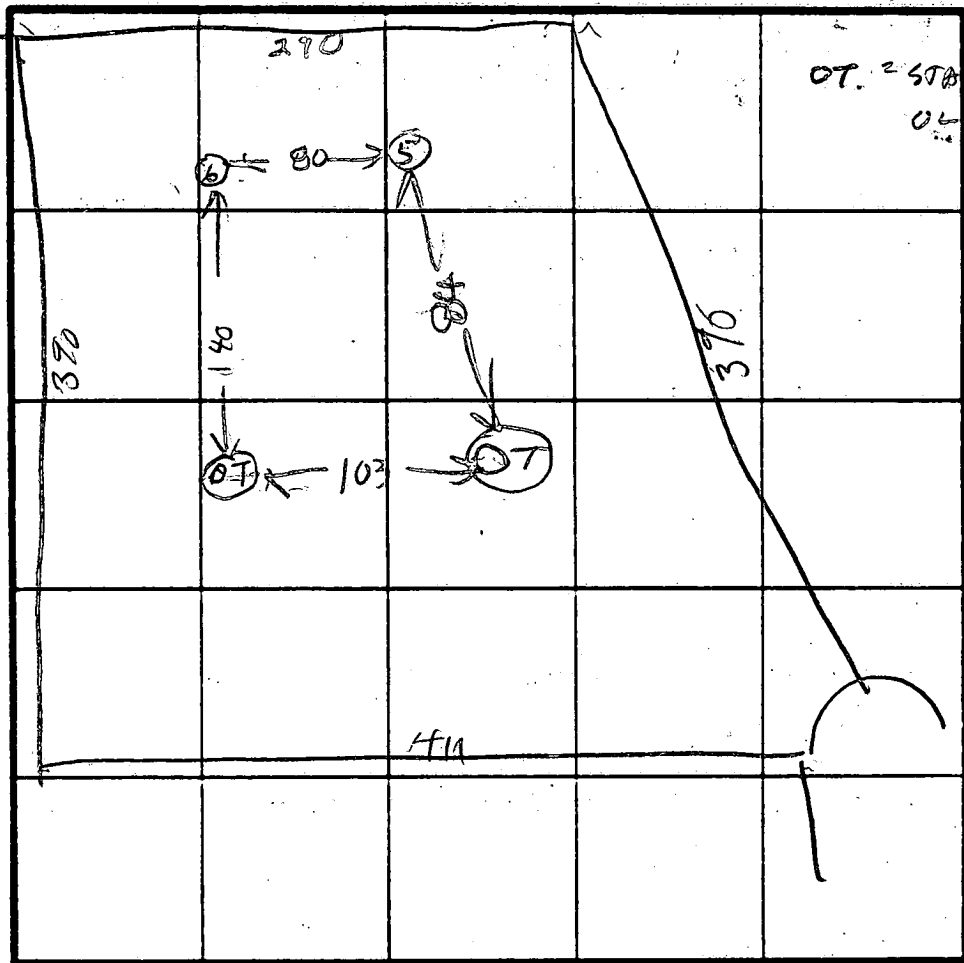
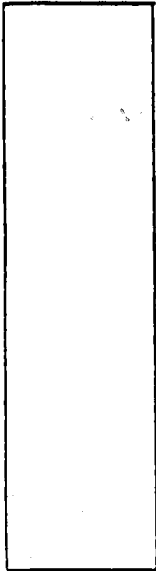
THIS IS NOT A PERMIT

80 B1A

48

90

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

170

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
4/23/62	53	3	1148	1150	1150	1152	2
	5V	11	ALL	SAND			
	6S	5	1154	1209	1209	1230	21
	6D	9	1155	1156	1156	1157	1
	6V	12 1/2	TOP	4 FT	CLAY		
			BOT	2 FT	SANDY		

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT STEVENS VVAK

EH 12 1079

APPLICATION

A 28049

P _____

Prel.

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 1000 gallons
3

DATE May 12, 1978

Septic Tank

1-3 Bedrooms
4 Bedrooms 1250 gallons

*Dry well to have 150 sqft. effective
absorbant sidewall area per bedroom below inlet.
Inlet to be 4' below original grade and maximum
depth 10'. Location per engineer's plat: 65' from
left property line and 175' from rear property line
when facing lot from Oakspine 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.

*How if dry well and trench used need:
(1) 5' earth buffer between
dry well and trench.*

PROPERTY OWNER Woodmark, Inc.

ADDRESS 9267 Balto. Nat'l. Pike

PHONE 461-2889

PROPERTY LOCATION: VAD RETESTED

*(2) 2 inspections of trench
before and after stone in*

SUBDIVISION Farside

LOT NO. 1312

ROAD AND DESCRIPTION Rt. 40 West to left on Rt. 144, left on Folly Quarter, left on
Homewood, 1 mile to property on left

(3) Run trench on contour

SIZE OF LOT 3 plus acres

TYPE BLDG. 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 _____

[Signature]

APPROVED BY C.B. Stecker

FOR Dry Well & trench DATE 12/14/79
(KIND OF SYSTEM)

REJECTED BY _____

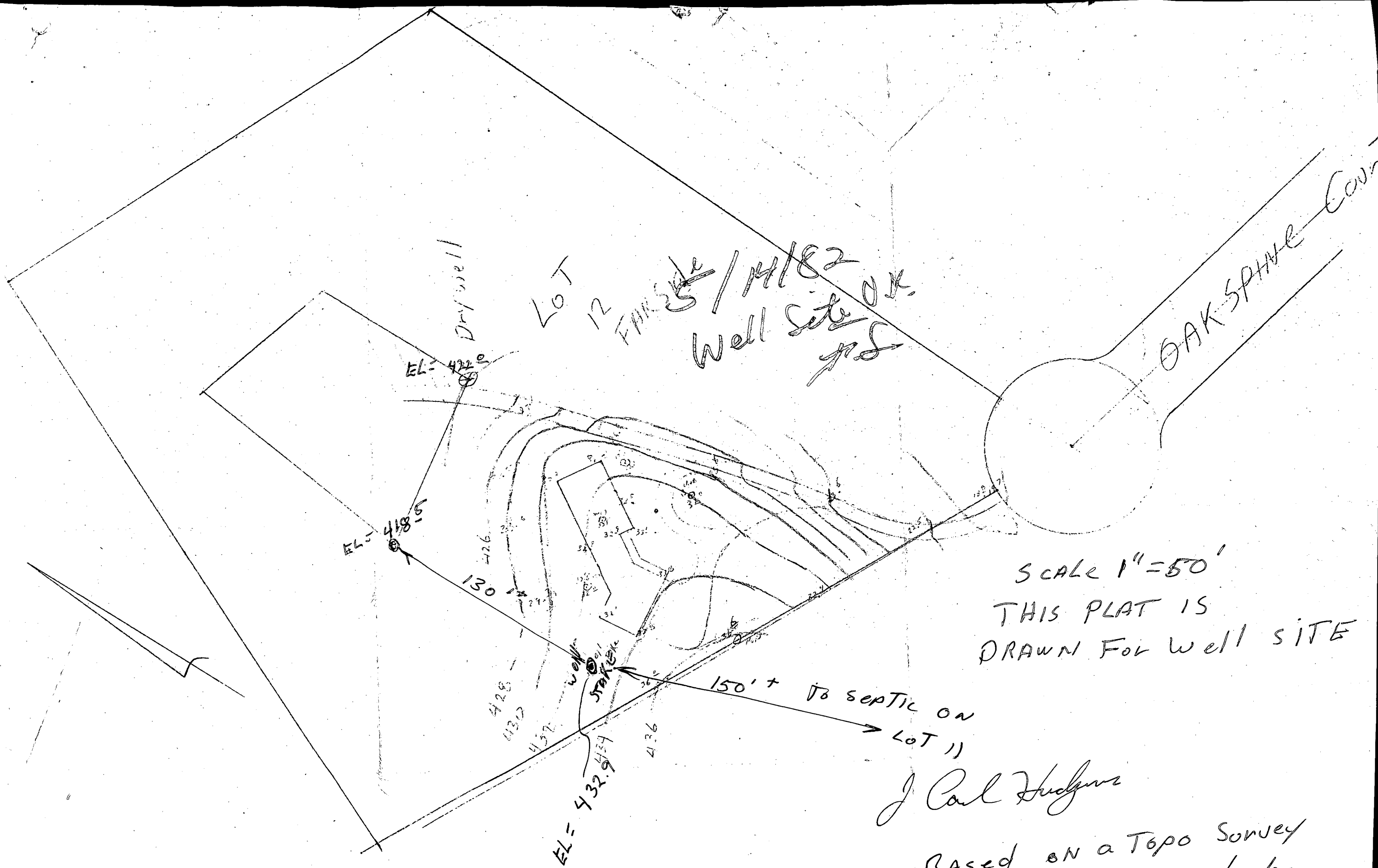
FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



LOT 12
 PAR 5/14/82
 Well site OK.
 JCS

SCALE 1" = 50'
 THIS PLAT IS
 DRAWN FOR WELL SITE

150' + TO SEPTIC ON
 LOT 11

J. Carl Hudgins

Based on a Topo Survey
 by NTT Associates 4/28/82
 517182 WELL SITE OK PER RH.

6/2/82 10:00 A.M. that

EMERGENCY/TEMP. NO. IF ANY

B 1 4226 PERMIT NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER HO-73-4175 fill in this form completely
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Date Received 6/5/82 (OEP Use Only)

OWNER INFORMATION

Last Name 15 WOODMARK INC 34 Name

Street or RFD 55 112150 Mt ALBERT CT

Town 57 ELLICOTT CITY MD State 76 Zip 21043

B 3 LOCATION OF WELL

COUNTY Howard

SUBDIVISION "Farside"

SECTION 12 LOT 12

NEAREST TOWN Columbia

MILES FROM TOWN (enter 0 if in town) 2

B 1 Continued **DRILLER INFORMATION**

Dana Kyker, Jr. II 256

Driller's Name 77 License No. 80 Westminster Rotary Well Drilling, Inc.

Firm Name

Address P.O. Box #961, Westminster, Md.

Signature Dana Kyker, Jr. II Date 5/13/82

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

Oakspine Court

NEAR WHAT ROAD 150

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

WEST EAST

DISTANCE FROM ROAD 150

B 2 WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 550

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)

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

SOURCES OF DRILLING WATER

- City
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

E 820 2

N 510 6

Location OK
 X WELL
 8' - casing
 2' - above gr
 60' - open
 17 - bags cement
 J & CW
 5/19/82

APPROXIMATE DEPTH OF WELL 200' FEET

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 _____

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

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) _____

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME Howard COUNTY NO. 231887

OEP SIGNATURE Frank Skinner STATE HEALTH CIRCLE BOX 41

DATE ISSUED 05/14/82 CO SIGNATURE _____

NORTH GRID 516 EAST GRID 0822 EXPIRES 1/1/83

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

APPROP. PERMIT NUMBER GAP

FORCE FC WRITE INITIALS IN BOX PERMIT No. HO-73-4175

B 5 SPECIAL CONDITIONS 8-63

C1 3175

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A31881

Date Received (OEP use only)

DATE WELL COMPLETED

060322

Depth of Well

328

(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

HO-73-4173

OWNER Woodmark Inc.

last name

first name

STREET OR RFD Oakspine Ct.

TOWN Columbia

SUBDIVISION Farside

SECTION

LOT 12

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	
Dirt	0	1	
Mixed Brn Mica Red Clay & Yellow Sand	1	13	
Soft Brn. Schist & sand	13	34	X
Soft Brn. Sand & Sandstone	34	43	
Soft Blue Schist	43	47	
Soft Brn. Schist & Sandstone	47	61	X
Soft Blue Schist	61	75	
Hard Brn. & Wht. Sandstone	75	86	
Hard Brn. Sandstone	86	89	
Hard Blue, Wht. & Brn. Sandstone	89	100	
Hard Blue Wissachikon Schist w/some soft spots	100	248	
Hard Brn. Sandstone & Flint	248	250	X

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS NO. OF POUNDS

GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot) 9

CASING RECORD STEEL CO CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE S T Nominal diameter (nearest inch) 6 Total depth of main casing (nearest foot) 81' 3"

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

SCREEN RECORD STEEL BR HO OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) 328

COMAR CIRCLE APPROPRIATE BOX

- A 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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 206
Ronald L. Kyker
DRILLERS SIGNATURE

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (seq no)

PUMPING TEST HOURS PUMPED (nearest hour) 4.7

PUMPING RATE (gal. per min. to nearest gal.) 6.1

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface) BEFORE PUMPING 66'

WHEN PUMPING 161' 1"

TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED YES Y NO N

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)

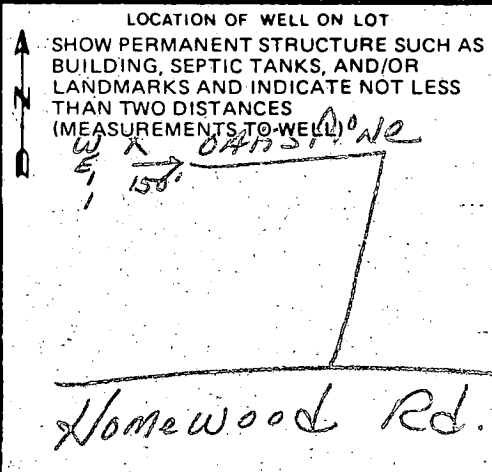
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

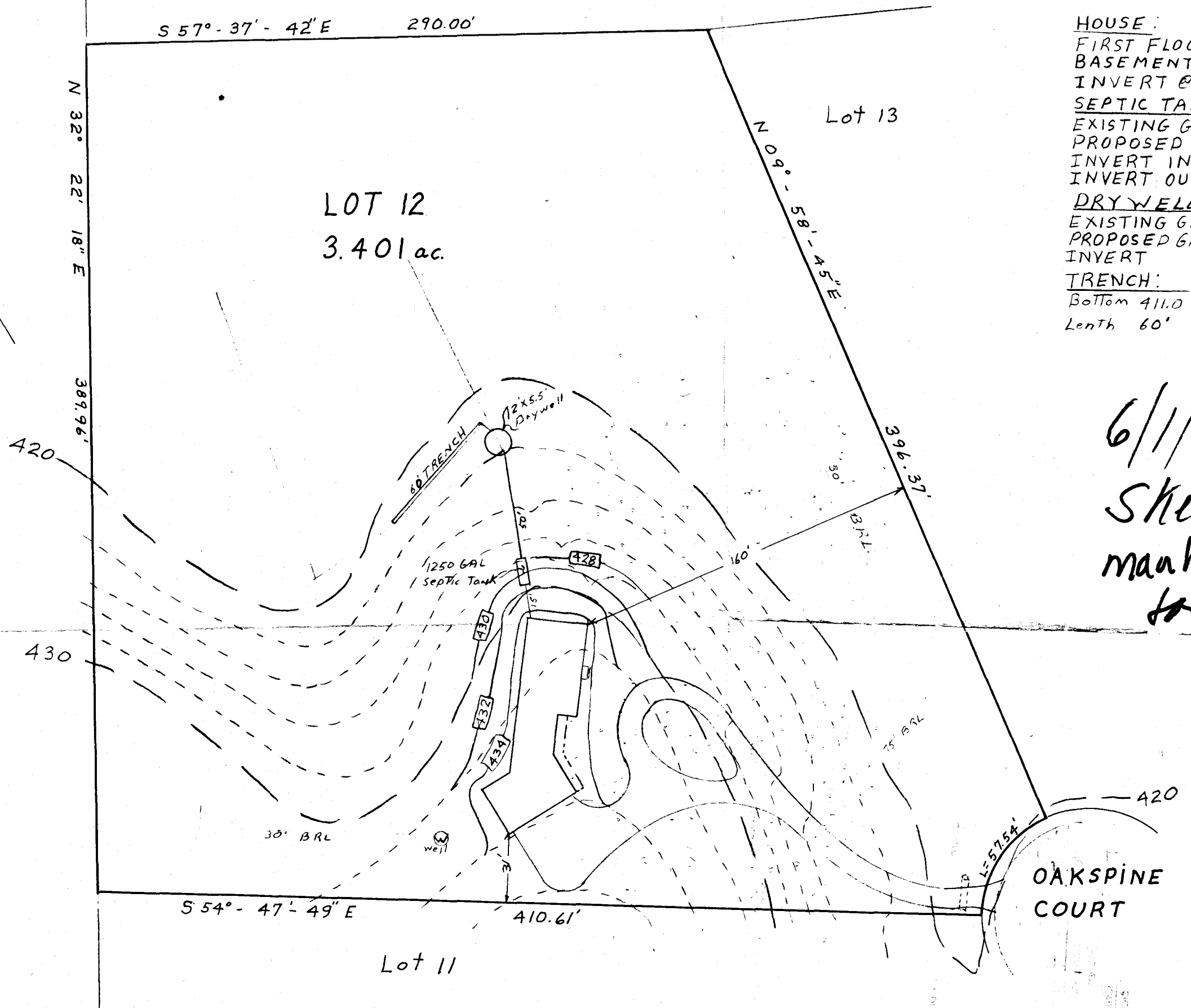
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below





HOUSE:
 FIRST FLOOR ELEV. = 435.79
 BASEMENT ELEV. = 427.12
 INVERT @ HOUSE = 418.58

SEPTIC TANK:
 EXISTING GRADE = 428.50
 PROPOSED GRADE = 428.70
 INVERT IN = 418.27
 INVERT OUT = 418.02

DRY WELL:
 EXISTING GRADE = 421.50
 PROPOSED GRADE = 421.50
 INVERT = 417.50

TRENCH:
 Bottom 411.0 5.5' feet of stone
 Length 60'

6/1/82
 Sketch OK.
 manhole req'd on septic
 tank to ground level above

I certify the above Measurements
 Elevations are actual and true
 For this property
J. Carl Hudgins
 J. Carl Hudgins

NTT Associates
 Suite 101 Sterrett Bldg.
 Columbia Maryland 21044
 321-0307

GRADING STUDY
 LOT 12
 FAR SIDE
 3rd Election District
 Howard County MD
 Scale 1"=50' Date 5-7-82