

APPROVED
2/6/84 RH

P 33247

A 28319

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

03-307409

INDEX

ELLICOTT CITY

DISTRICT 3rd

DATE 10/20/83

Donald Parlette

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS ~~6575~~ 6575 Route 32, Clarksville, Md. 21029 PHONE 286-2140

SUBDIVISION Farside ROAD 11718 Spring Haven Court LOT 61

PROPERTY OWNER TTR Joint Venture

ADDRESS 608 Baltimore Avenue, Towson, Md. 21004 Phone: 821-6262

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

GARBAGE GRINDER? YES NO ☒

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

150
250
350
450
550
650
750
850
950
1050
1150
1250
1350
1450
1550
1650
1750
1850
1950
2050
2150
2250
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9850
9950

DRY WELL OR DRY WELL AND TRENCH - To have 150 sq. ft. effective absorbent sidewall area per bedroom below inlet. Inlet to be 3 ft. below original grade and maximum depth 9 ft. below original grade. Locate dry well 55 ft. in from front lot line bordering Spring Haven Court and 225 ft. along front property line from point marker of lines being 375 ft. in length and 32 ft. in length. IF Trench is needed off dry well leave 5 foot earth buffer between dry well and trench. Two inspections of trench before and after gravel is installed. Run trench on contour.

11/1/83 OK to use 2 each 75' long 2' wide 9' deep trenches with 6' stone below perforated pipe FS.

PLANS APPROVED BY Charles B. Streaker DATE 12/17/79 & 11/1/83

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.

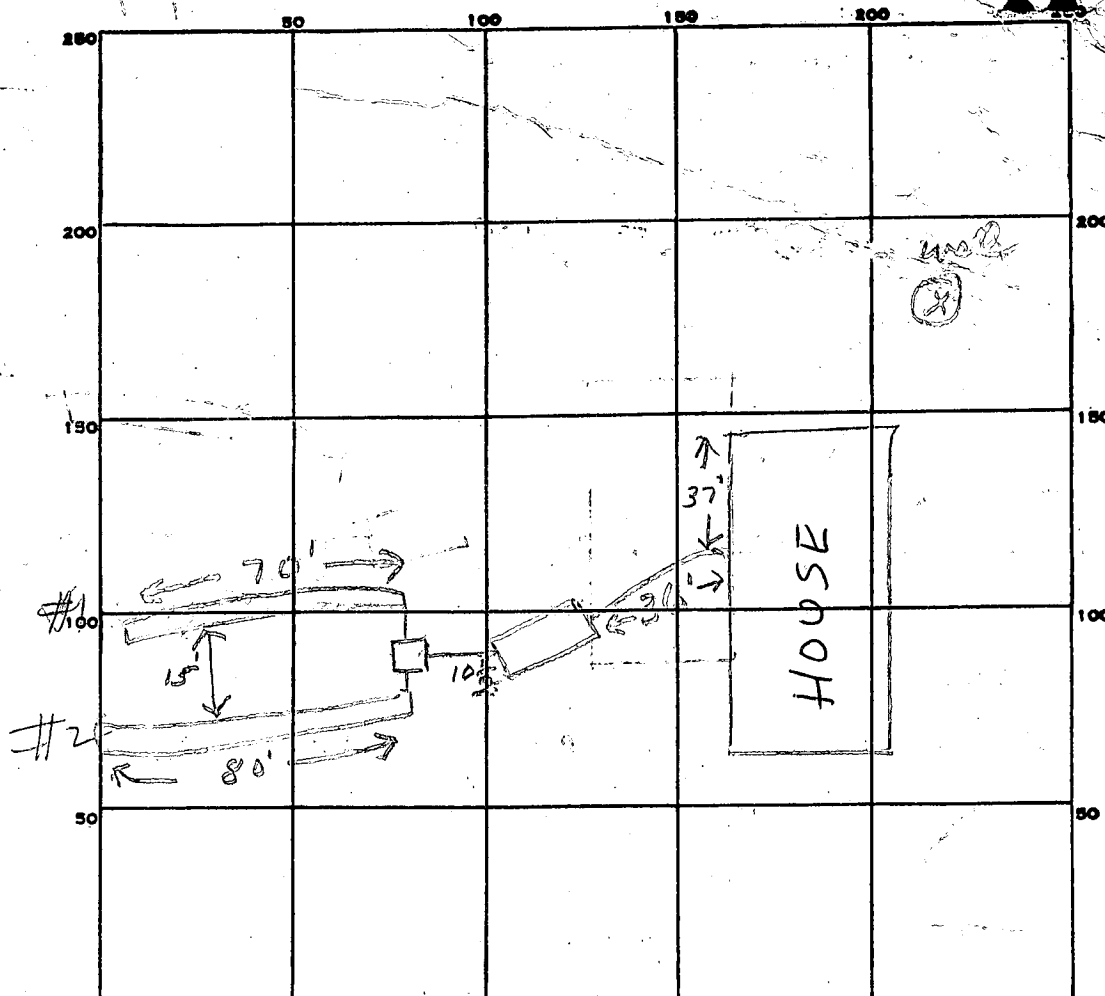
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 28319

750



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Spring Haven Ct

PERMIT CARD

SEPTIC TANK, LEVEL

1500

CLEANOUTS

SJ
OK

DISTRIBUTION BOX, LEVEL

OK

TILE FIELD, DEPTH

9

FT.

TRENCH WIDTH

2

FT.

GRAVEL DEPTH

16

IN.

TOTAL LENGTH

150

FT.

NUMBER OF TRENCHES

2

TOTAL BOTTOM AREA

900

SEEPAGE PITS, INSIDE DIAMETER

FT.

DEPTH BELOW INLET

FT.

ABSORBENT AREA

SQ. FT.

REMARKS

2/3/84 OK to cover work to septic tank. OK to
add stones in trenches JS
2/6/84 - STONE ADDED RH

DATE SYSTEM APPROVED

2/6/83

INSPECTOR

Raymond Hodges

APPLICATION

SEWAGE DISPOSAL TESTING

A 28319

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

Septic Tank { 1-3 Bedrooms 1000 gallon
4 Bedrooms 1250 gallon

DISTRICT _____

DATE _____

⊕ Dry well to have 150 sq ft. effective
absorbent sidewall area per bedroom below inlet.

Unlet to be 3' below original grade and maximum
depth 9'. Location per engineer's plat: 55' in from
front lot line bordering Springhaven Court and 225' along front property
line from point marker of line, being 375' in length and 32' in
length. Δ ⊕ on if dry well and trench used need.

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.
HR Joint Venture

ADDRESS

608 Baltimore Avenue
Towson, Md

PROPERTY LOCATION

SUBDIVISION

Farside

ROAD AND DESCRIPTION

11718 Spring Haven Ct

(1) 5' earth buffer between
dry well and trench

PHONE

821-6262

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

LOT NO

61

(3) Run trench on contour

SIZE OF LOT

TYPE BLDG.

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.

BLDG. PERMIT SIGNED

AND RETURNED

4/6/83

Serial # 54225

SIGNATURE OF APPLICANT

APPROVED BY

C. B. Sheaker

FOR

⊕ Dry Well & Trench

DATE

12/17/79

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

Δ as part of front property line bordering Springhaven
Court.

THIS IS NOT A PERMIT

APPLICATION

A 28319

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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

Septic Tank { *1-3 Bedrooms* *1000 gallons*
DISTRICT *3*
DATE *May 12, 1978*
4 Bedrooms *1250 gallons*

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 9267 Balto. Nat'l. Pike PHONE 461-2889

PROPERTY LOCATION:

SUBDIVISION Farside LOT NO. ~~62~~ 61ROAD AND DESCRIPTION Rt. 40 West to left on Rt. 111, left on Folly Quarter, left on
Homewood, 1 mile to property on leftSIZE 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 *R. J. O'Malley*APPROVED BY _____ FOR _____ DATE 11

(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____

(KIND OF SYSTEM)

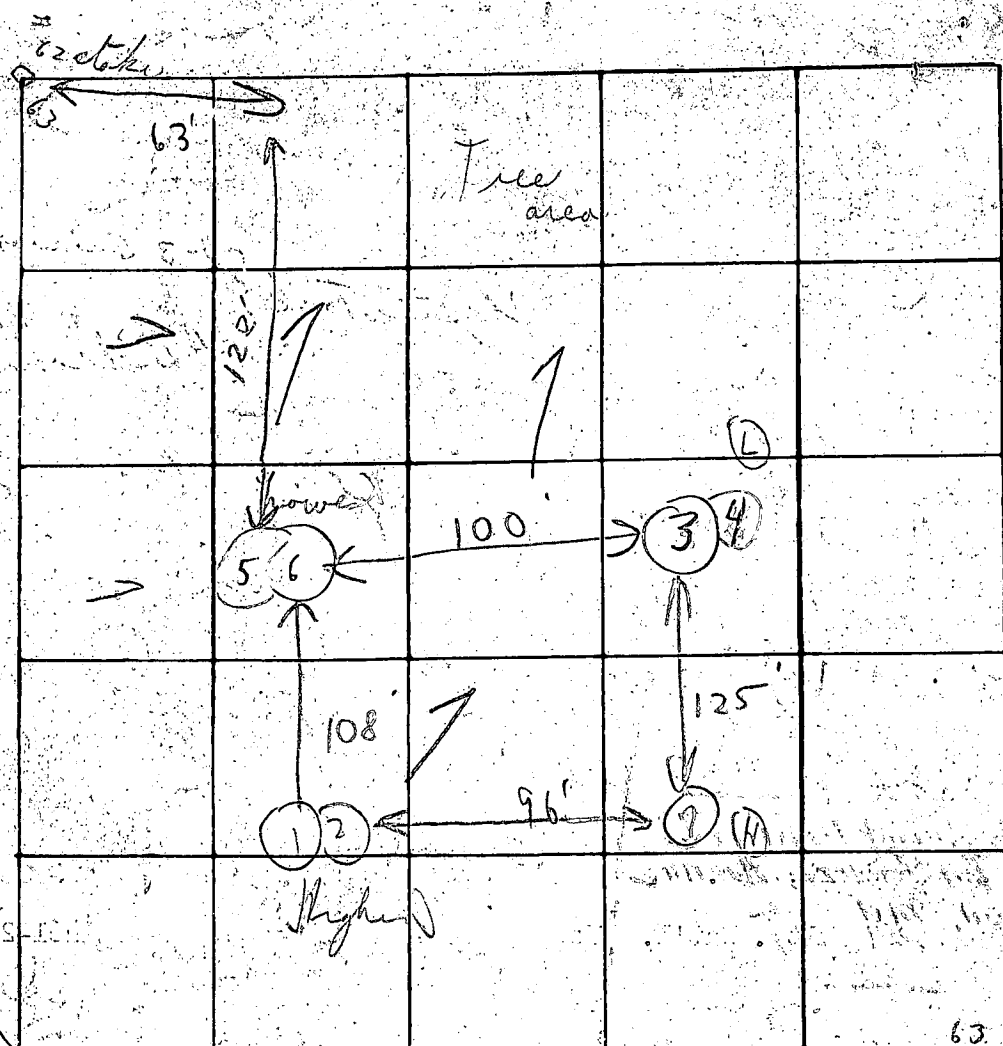
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

6/1

Unimproved Road



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST 1" DROP		TIME
			START	STOP	START	STOP	
7/7/70	1	3'	12:33	12:35	12:35	12:37	2m
	Use 2 (R)	11'	12:33	12:35	12:35	12:38	3m
	per S.S. 3	4'	12:39	12:41	12:41	12:43	2m
	per S.S. 4 (L)	12'	12:39	12:41	12:41	12:43	2m
	5	4 1/2'	12:41	12:43	12:43	12:45	2m
	6	11'	12:45	12:47	12:47	12:49	2m
	7	10 1/2'	3-4	12:49	12:49	12:51	2m

Tests per stake

3m avg 3' in bed

150 sq ft per bedroom

REMARKS

Open field tested

Pour down water

TYPE OF SOIL

TESTED BY

J. A. C. B. S.

ALSO PRESENT

Same as water test

Well location LOT 36
Max Stake 3.158 Ac.

LOT 57
3.055 Ac.

FARSIDE

SPRINGHAVEN

COURT

LOT 61
3.225 Ac.

LOT 60
3.714 Ac.

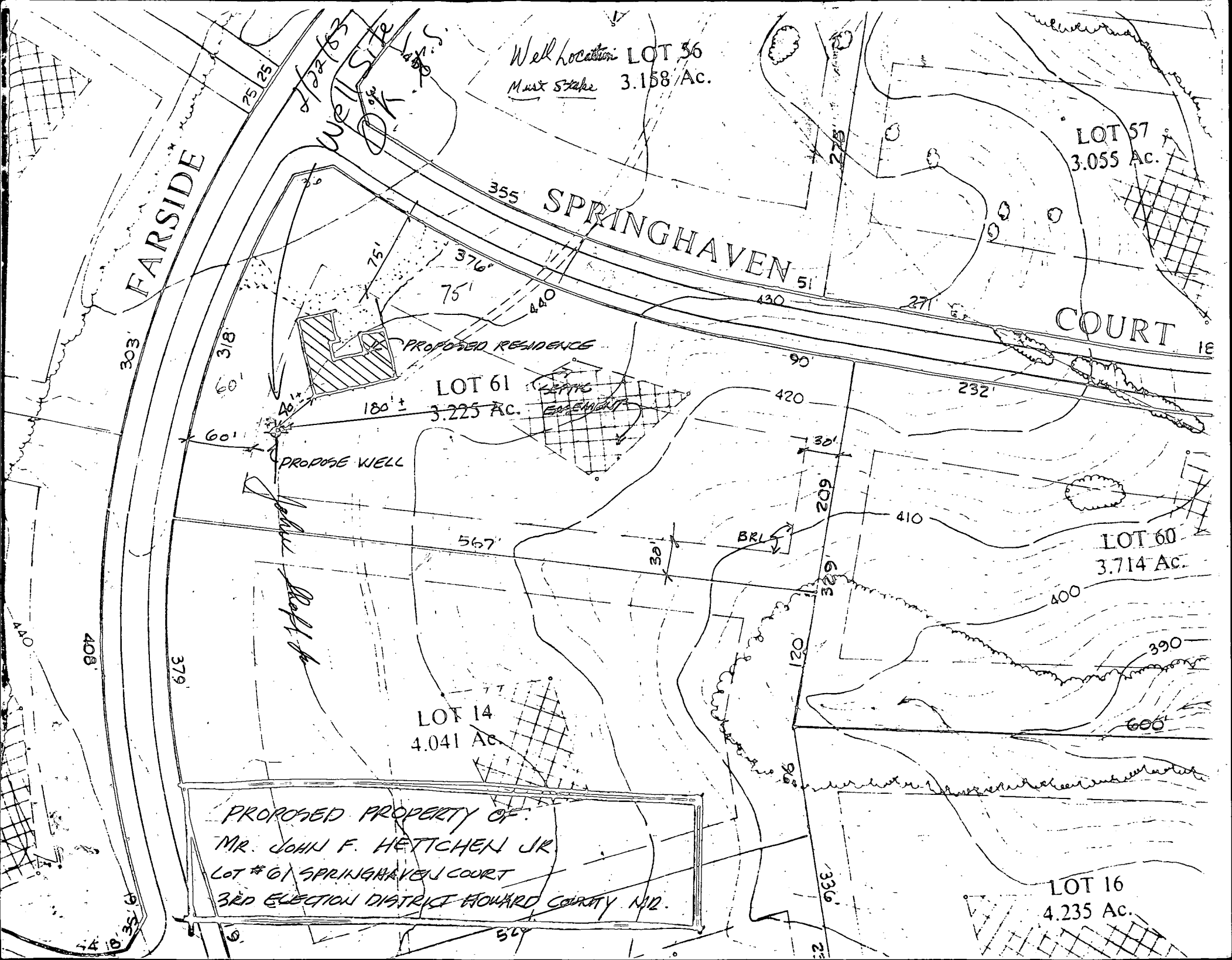
LOT 14
4.041 Ac.

LOT 16
4.235 Ac.

PROPOSED PROPERTY OF
MR. JOHN F. HETTCHEN JR.
LOT # 61 SPRINGHAVEN COURT
3RD ELECTION DISTRICT HOWARD COUNTY MD.

PROPOSED RESIDENCE
SEPTIC BASIN
PROPOSE WELL

John F. Hettchen Jr.



3/4/83

EMERGENCY/TEMP. NO. IF ANY

B 1 3386 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) 9:30 GROUT 3hr Rmpptes STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER HO-73-4399 fill in this form completely
Date Received 020783 (OEP Use Only)		LOCATION OF WELL COUNTY: Howard SUBDIVISION Farside SECTION 61 LOT 61 NEAREST TOWN Columbia MILES FROM TOWN (enter 0 if in town) 2
OWNER INFORMATION Last Name Hettchen Owner T. H. H. JR. 10451 Twin Rivers Rd. Street or RFD Columbia Md 21044 Town State Zip		DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
B 1 Continued DRILLER INFORMATION Driller's Name John H. H. L. License No. 188 Firm Name John H. H. L. Drilling Address John H. H. L. Drilling Signature John H. H. L. Date 3/7/83		Springhaven Court NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 225 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) FT
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 8 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		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 N 8203 E 5106
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)		3/4/83 Location O.K. 84 casing 165' of grout poured 242' measured and grout 2' casing along grade 25 bags cement grout O.K. J.S.
APPROXIMATE DEPTH OF WELL 300 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 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 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPMEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41		
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE FS WRITE INITIALS IN BOX PERMIT NO. HO-73-4399		B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME OEP SIGNATURE Frank Skinner DATE ISSUED 022283 CO SIGNATURE NORTH GRID 516 EAST GRID 0823 EXPIRES 082283
SPECIAL CONDITIONS 8-63 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		

Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Sample H9211 taken @ 41' ⁰⁰
F.S.

Well Permit No. HO - 73-4399

Location of property (road) Springhaven Ct

Subdivision *Farside*

Lot	Block	Plat	Sec.
61			

Well Driller John Shaff, Sr

Owner John Hettchen Jr.

Depth of well 200'

Distance of measuring point (M.P.) above ground 2

Static water level (S.W.L.) below M.P. 35

1. High rate pumping -- reservoir drawdown

Time pump started 945

Pumping rate 12.2 g/m

Total time ~ 30 min to reach pumping water level 107 ft. below M.P.

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

[illegible]

C1 6243	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	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	A 28319
Date Received (OEP use only)	DATE WELL COMPLETED	Depth of Well	PERMIT NO.
	003283	200 (TO NEAREST FOOT)	FROM "PERMIT TO DRILL WELL" HC-73-4399

OWNER	Hettchen	John Jr.
STREET OR RFD	Springhaven Court	Columbia
SUBDIVISION	Fairside	LOT 61

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 FROM TO	Check if water bearing
Op to 73 ft brown shale and sand 73 ft to 200 ft green rock		

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	YES ☒ NO ☐
TYPE OF GROUTING MATERIAL	
CEMENT ☒ BENTONITE CLAY ☐	
NO. OF BAGS 25	NO. OF POUNDS 2350
GALLONS OF WATER 150	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0 ft	to 82 ft

CASING RECORD		
casing types insert appropriate code below	STEEL ☒ CONCRETE ☐	
	PLASTIC ☐ OTHER ☐	
	MAIN CASING TYPE	Nominal diameter top/main casing (nearest inch)
	6	Total depth of main casing (nearest foot)
	84	

OTHER CASING (if used)	
diagram	depth (feet)
	from to

SCREEN RECORD		
screen type or open hole insert appropriate code below	STEEL ☒ BRASS ☐ OPEN HOLE ☐	
	BRONZE ☐ PLASTIC ☐ OTHER ☐	
	SLOT SIZE	
	2	

C2	
Seq. no.	
DEPTH (nearest ft.)	
84	200

CIRCLE APPROPRIATE BOX	
☒ 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.	
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DRILLERS IDENT. NO.	188
DRILLERS SIGNATURE	John Shaff
(MUST MATCH SIGNATURE ON APPLICATION)	

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

Diameter of Screen (NEAREST INCH)	
from	to

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☒	

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T	(E.R.O.S.)
70	72
TELESCOPE CASING	LOG INDICATOR
OTHER DATA	

C3	
Seq. no.	
PUMPING TEST	
HOURS PUMPED (nearest hour)	3
PUMPING RATE (gal. per min. to nearest gal.)	
10	
METHOD USED TO MEASURE PUMPING RATE	
See manual	
WATER LEVEL (distance from land surface)	
BEFORE PUMPING	35
WHEN PUMPING	104
TYPE OF PUMP USED (for test)	
☒ air	☐ piston
☐ centrifugal	☐ turbine
☐ jet	☐ other (describe below)
☒ submersible	

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)	YES ☐ NO ☒
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	2 (nearest foot)

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)	

septic tank	
25 ft	
house	
50 ft	
well	

Location of property (road) Farside Rd & Springhaven Court
Subdivision Farside Lot 61 Block — Plat — Sec. —
Well Driller John Shaff Owner John Hettchen Jr.

Depth of well 200'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 35'

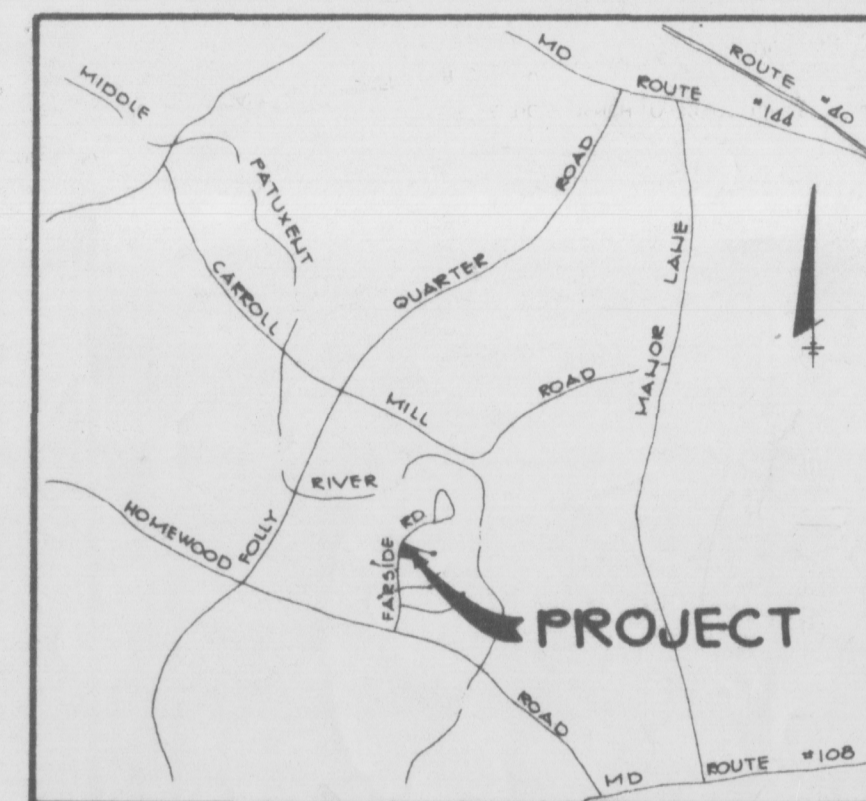
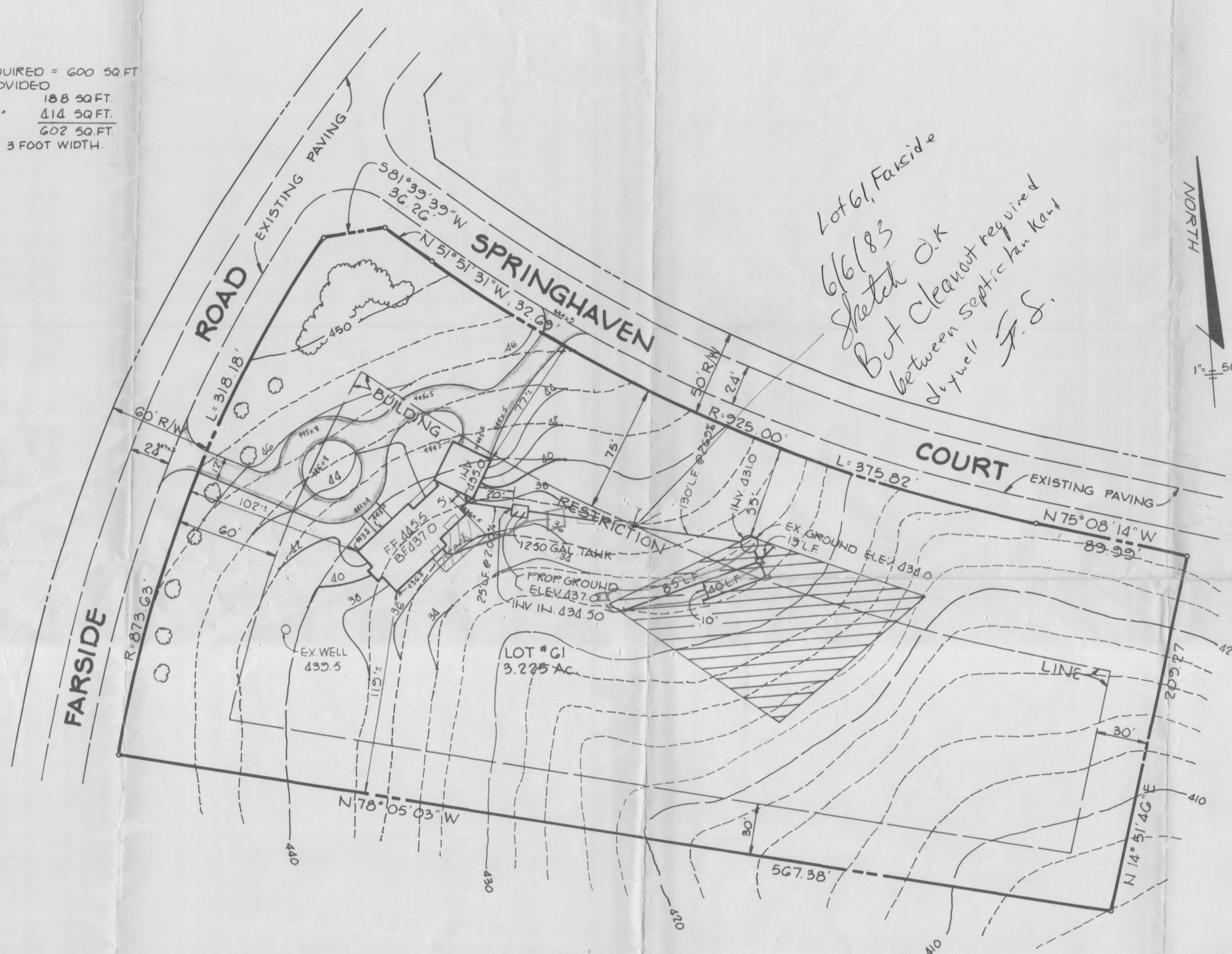
- Time pump started 9:45 Pumping rate 12.2
Total time 45 min. to reach pumping water level 104 ft. below M.P.

[illegible]

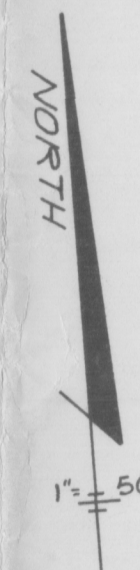
NOTES:

- 1) ABSORBENT SIDEWALL AREA REQUIRED = 600 SQ. FT.
- 2) ABSORBENT SIDEWALL AREA PROVIDED

A) DRYWELL 6'x31.41' =	188 SQ. FT.
B) TRENCH 3' WIDE x 138 L.F. =	414 SQ. FT.
	602 SQ. FT.
- 3) TRENCHES ARE DESIGNED FOR A 3 FOOT WIDTH.



VICINITY MAP
SCALE: 1" = 1 MILE



PLOT PLAN FOR
FAR SIDE
ESTATE LOT NO. G1

TTR JOINT VENTURE

608 BALTIMORE AVENUE
TOWSON, MARYLAND

THE RIEMER GROUP, INC.
8655 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MD. 21043

I CERTIFY THE ABOVE MEASUREMENTS
AND ELEVATIONS ARE ACTUAL AND
CORRECT FOR THIS PROPERTY.

Arthur E. Muegge
ARTHUR E. MUEGGE

6-1-83
DATE

