

7/24/84
8/10/84

Approved
E/2184 R11
P 33820
A 28315

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

03-307360

INDEXED

ELLICOTT CITY

DISTRICT 3rd.

DATE 4/24/84

Metcalfe, Inc. IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS Westminster, Maryland PHONE 848-6575
SUBDIVISION Farside ROAD 11731 Spring Haven Court LOT 57
PROPERTY OWNER Mr. & Mrs. Craig L. Woodburn PHONE: 465-7663
ADDRESS 10388 Tuscany Road
Ellicott City, Maryland 21043

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

GARBAGE GRINDER? YES ☐ NO ☒

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

Dry well to have 150 sq. ft. effective absorbant sidewall area per bedroom below inlet.
Inlet to be 3 1/2' below original grade and maximum depth 2'. LOCATION: per engineers plat:
135 feet from Springhaven Court and 230 foot down front property line from left front corner
point when facing lot from Springhaven Court. OKAY to make up absorption area by adding
trench. If trench is used (1) leave a 5 foot earth buffer between dry well and trench
(2) call for two (2) inspection of trench - before and after stone is installed (3) Run
trench on contour.

PLANS APPROVED BY C. B. Streaker DATE 12/17/79

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.

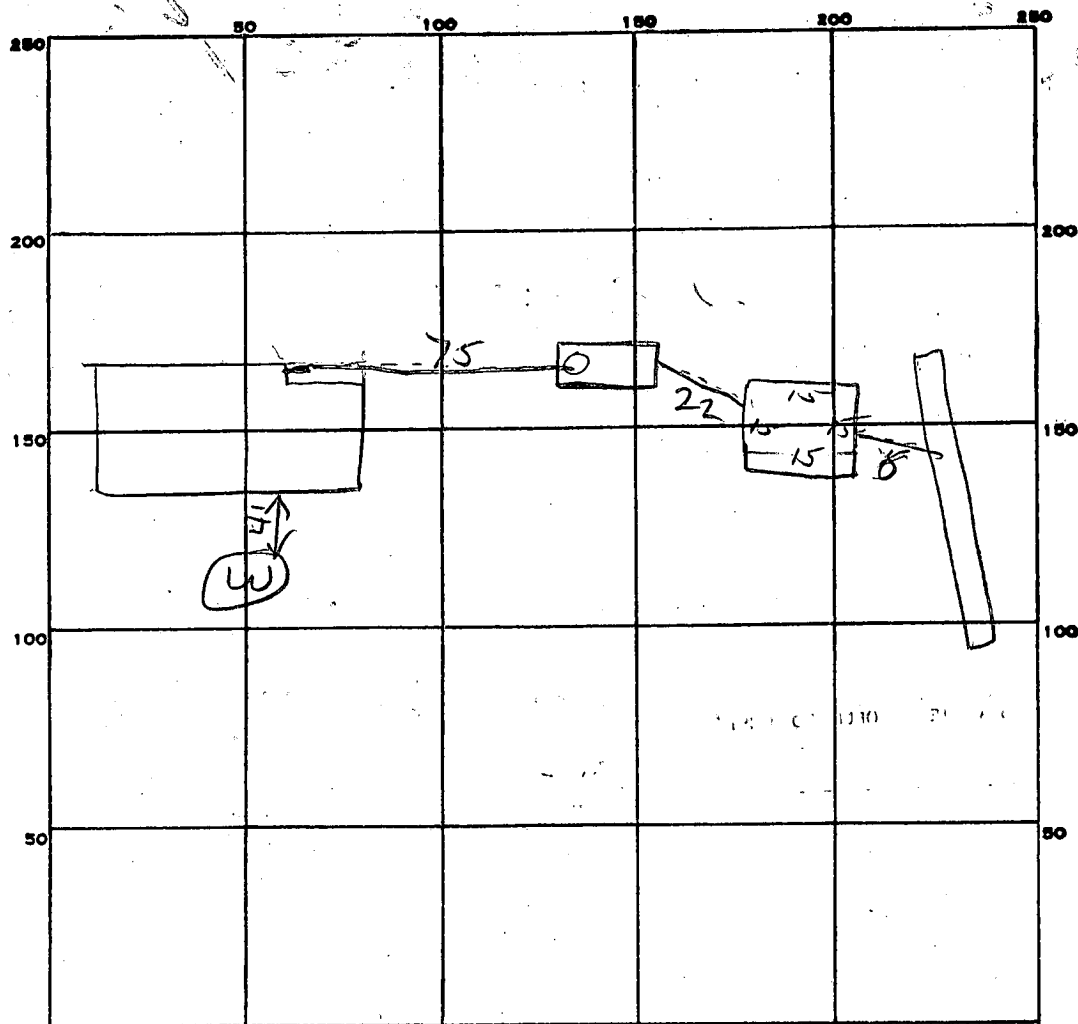
BLDG. PERMIT SIGNED
AND RETURNED 5/24/85
Serial # 65075
P. 101

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 28315



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Spring Haven CO

PERMIT CARD

SEPTIC TANK, LEVEL ☒

CLEANOUTS

ST	DW
OK	OK

DISTRIBUTION BOX, LEVEL

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

GRAVEL DEPTH 6 1/2 IN. TOTAL LENGTH 40 FT.

NUMBER OF TRENCHES 3 1 TOTAL BOTTOM AREA 260

SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 360 SQ. FT.

REMARKS 7/24/84 OK to add stone in trench
8/2/84 - DW INLET 4 FT BOG

DATE SYSTEM APPROVED

8/2/84

INSPECTOR

Raymond Hodge

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

A 28315

P _____

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 1/2' below original grade and maximum
depth 9 1/2'. Location per engineer's plat: 135' from Springhaven
Court and 230' down front property line from left front corner point when
facing lot from Springhaven 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.

PROPERTY OWNER

Woodmark, Inc.

ADDRESS

Craig L. Woodburn
10388 TUSCANY Rd.

PROPERTY LOCATION

Ellicott City, Md

SUBDIVISION

Farside

ROAD AND DESCRIPTION

11731 Spring Haven Ct

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

PHONE

445-7663

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

LOT NO.

57

(3) Run trench on contour

SIZE OF LOT

No Garbage Disposal according to phone

TYPE BLDG.

Conversation with Mrs. Woodburn on 4/4/84.

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.

SIGNATURE OF APPLICANT _____

APPROVED BY

C. B. Stueker

FOR

⊗ Dry Well & Trench

DATE

12/17/79

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

BLDG. PERMIT SIGNED

AND RETURNED

2/7/84
Serial #57270 S.F.D.

THIS IS NOT A PERMIT

APPLICATION

A 28315

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*
4 Bedrooms *1250 gallons*

DATE May 12, 1978TO: 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. ~~50~~ 51ROAD AND DESCRIPTION Rt. 40 West to left on Rt. 144, 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.

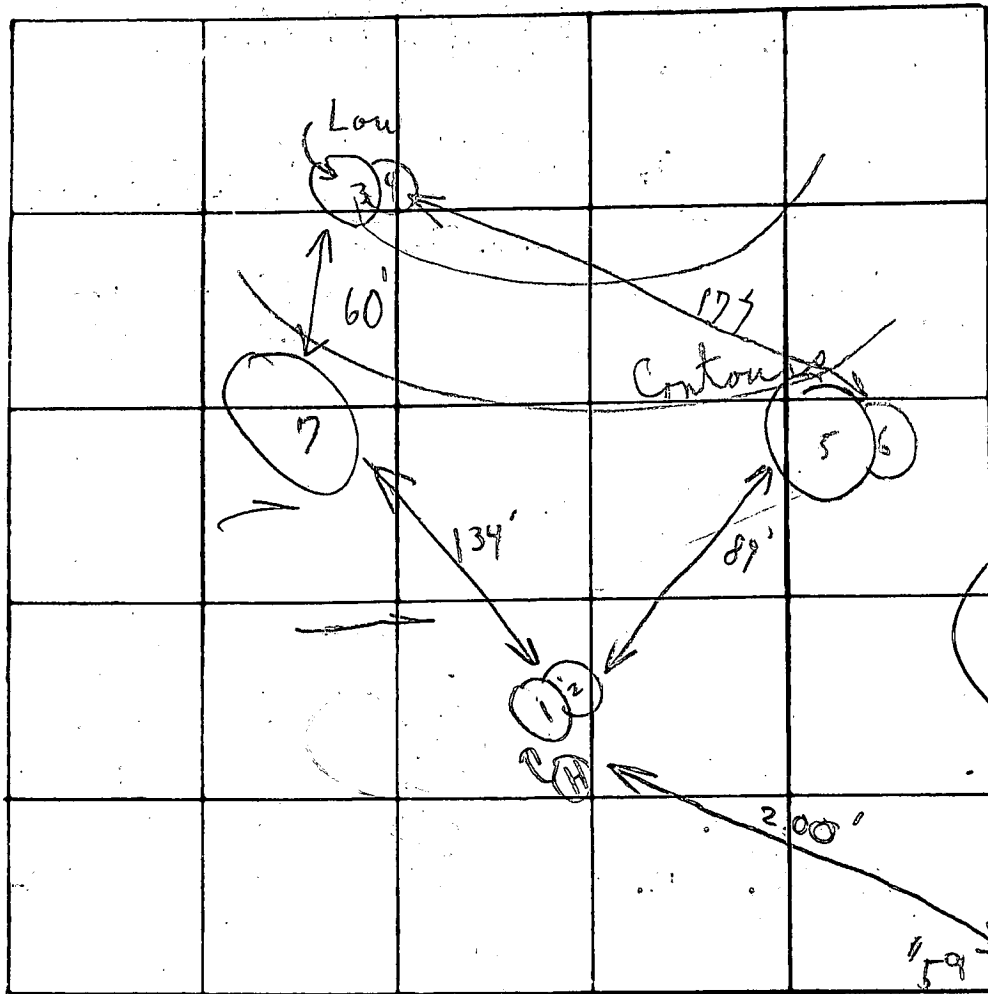
SIGNATURE OF APPLICANT *P. J. [Signature]*APPROVED BY _____ FOR _____ DATE 1/1
(KIND OF SYSTEM)REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

57



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Unnamed Road

Soil Profile

Below
clay
loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST 1" DROP		TIME
			START	STOP	START	STOP	
7/7/78	1	3 1/2'	2:25	2:28	2:28	2:34	6
	(A) 2 Use	12'	2:25	2:28	2:28	2:31	3m
	3	4'	2:29	2:30	2:30	2:32	2m
	(L) 4	11 1/2'	2:29	2:32	2:32	2:36	4
	5	Visual					15
	6						
	7 Use	3' 10"	Same as to others				

3 1/2' clay

4 min
average

150 sq ft
per
bedroom

REMARKS

TYPE OF SOIL

TESTED BY

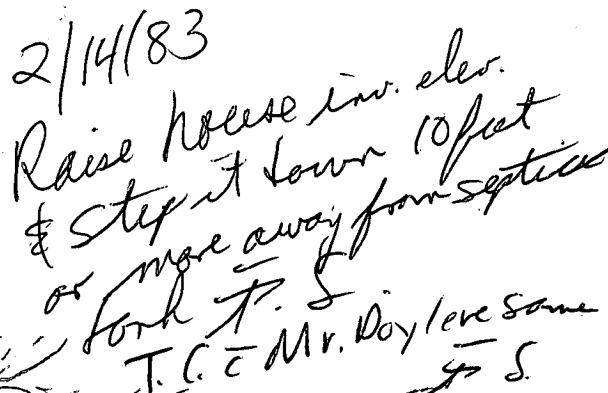
C. B. & J. J.

ALSO PRESENT

Same as yesterday

LAND SURVEYOR 8440

5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210



LOT 57 SPRINGHAVEN COURT
SECTION FARSIDE
ELECTION DISTRICT 4
HOWARD COUNTY MD.



SIGNED: William E. Doyle

EXIST. GRN. AT DISTR. BOX	416.00
INV. IN DISTR. BOX	412.50
INV. OUT SEPTIC TANK	413.20
INV. IN SEPTIC TANK	413.70
INV. OUT OF DWELLING	414.10
FIRST FLOOR ELEV.	431.00
CELLAR ELEV.	422.00
WELL ELEV.	428.00
No. OF BEDROOMS	3
ACREAGE	3.055 A.

DRAWN: FEBRUARY 8, 1983

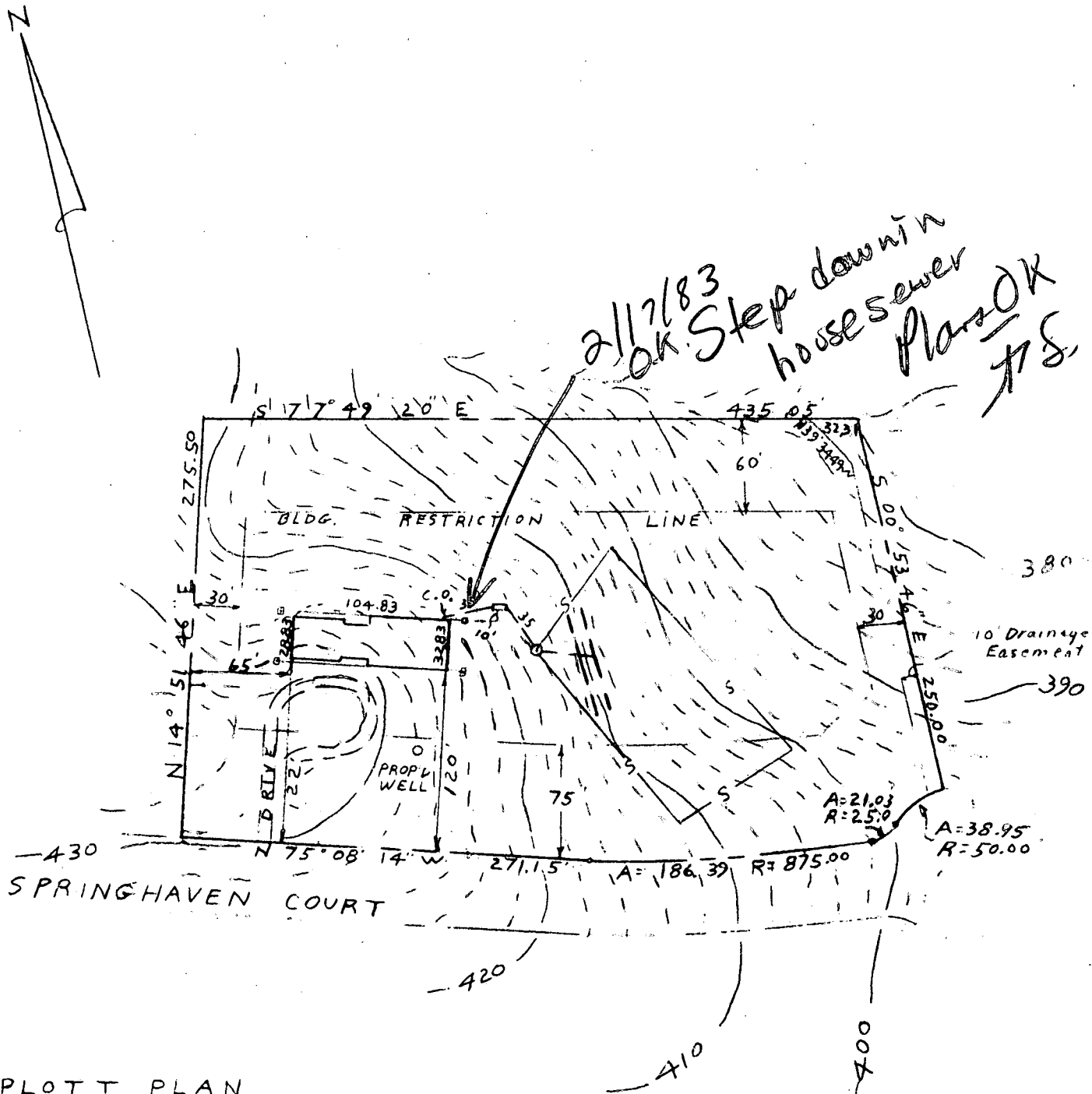
William E. Doyle

LAND SURVEYOR 8440

5312 EMERALD DRIVE

SYKESVILLE, MARYLAND 21784

PHONE (301) 795-2210



PLOTT PLAN

LOT 57 SPRINGHAVEN COURT
SECTION FARSIDE
ELECTION DISTRICT 4
HOWARD COUNTY MD.

C.O. Denotes Cleanout



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

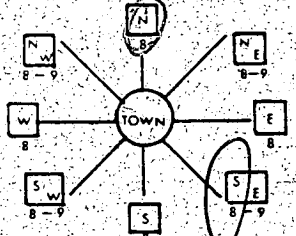
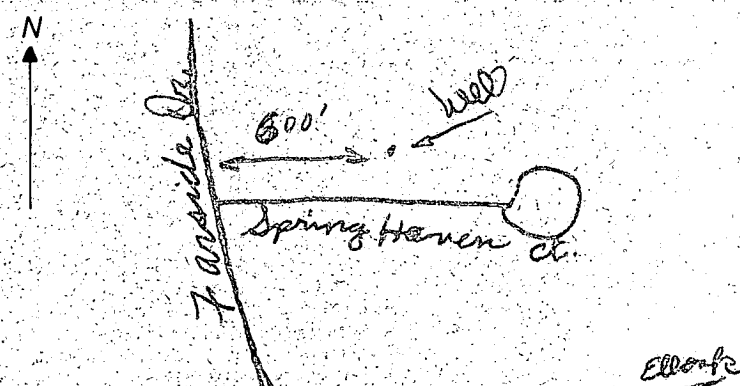
SIGNED: William E. Doyle

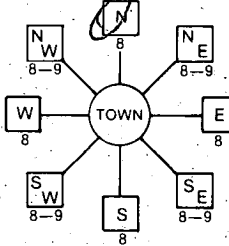
EXIST. GRN. AT DISTR. BOX	416.00
INV. IN DISTR. BOX	412.50
INV. OUT SEPTIC TANK	413.29
INV. IN SEPTIC TANK	413.70
INV. OUT OF DWELLING	420.00
FIRST FLOOR ELEV.	431.00
CELLAR ELEV.	422.00
WELL ELEV.	428.00
No. OF BEDROOMS	3
ACREAGE	3.055 Ac

SCALE: 1" = 100'

DRAWN: FEBRUARY 8, 1983
REVISED: FEBRUARY 14, 1983

FILE No. 217-5

B 1 0286 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-9 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type		OEP PERMIT NUMBER H0-81-0005 fill in this form completely
Date Received 0 2 2 2 8 3 (OEP Use Only)		LOCATION OF WELL COUNTY Howard SUBDIVISION Far Side SECTION 57 LOT 57 NEAREST TOWN Ellook MILES FROM TOWN (enter 0 if in town) 1		
OWNER INFORMATION Last Name WOODBURN Owner U. GRAIG Street or RFD. 12251 Year 11 19 Ct. Town ELK LICK CITY MD State MD Zip 21771		DRILLER INFORMATION Driller's Name Joseph L. Mayne License No. 238 Firm Name Joseph L. Mayne Address 5512 Ridge Rd. Md. Ar. Md. Signature Joseph L. Mayne Date Feb 22, 93		
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 		
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)		SOURCES OF DRILLING WATER 1. WELL 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE: E 8203 N 5106		
APPROXIMATE DEPTH OF WELL 200 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 _____		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 DEEPENED 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 HEALTH DEPARTMENT APPROVAL COUNTY NAME HOWARD COUNTY NO. A28315 OEP SIGNATURE Frank Shimmer STATE HEALTH CIRCLE BOX ☒ 41 DATE ISSUED 022383 CO SIGNATURE _____ NORTH GRID 516 EAST GRID 0823 EXPIRES 082383		
Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER GAP FORCE FS WRITE INITIALS IN BOX MD PERMIT No. H0-81-0005 SPECIAL CONDITIONS 8-63 _____				

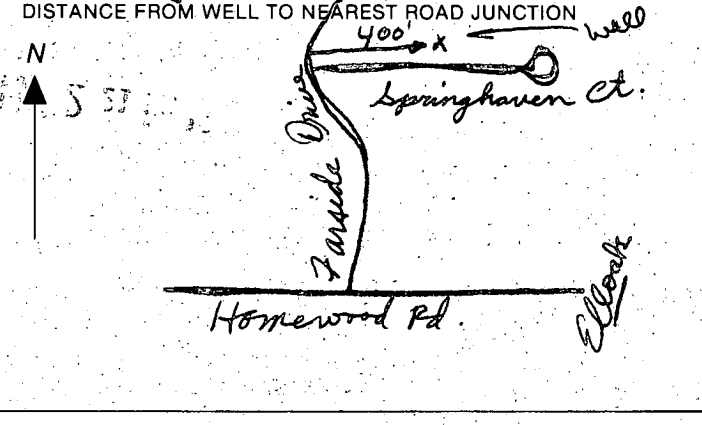
B 1 1313 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) 1/20/84 STATE OF MARYLAND PERMIT TO DRILL WELL please print or type 9:30 A.M.	OEP PERMIT NUMBER 40-81-0392 fill in this form completely
Date Received 011384 OWNER INFORMATION 15 Last Name WOODBURN Owner First Name GRAIG 36 Street or RFD 10376 TUSCANNY RD. 57 Town ELLCOTT City CITY MD 21043 Zip 43	B 3 LOCATION OF WELL 1 2 HOWARD 8 COUNTY 21 23 SUBDIVISION FAR SIDE 42 SECTION 57 LOT 57 52 NEAREST TOWN ELFOAK 71 MILES FROM TOWN (enter 0 if in town) 1 MI 73 76 77 78	
DRILLER INFORMATION Driller's Name Joseph L. Mayne 77 License No. 80 238 Firm Name Joseph L. Mayne Address 5512 Ridge Rd. Mt. Airy, Md. 21771 Signature Joseph L. Mayne Date 1/12/84	B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 11 Springhaven Court 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH ☒ WEST ☐ EAST ☐ SOUTH ☐ 34 60 37 DISTANCE FROM ROAD ENTER FT or MI F + 38 39	
B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20 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 200 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 INCH METHOD OF DRILLING (circle one) BORED (or Augered) ☒ JETTED ☐ Jetted & DRIVEN ☐ 30 AIR-ROTARY ☐ AIR-PERCussion ☐ ROTARY (Hydraulic Rotary) ☐ 37 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 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52		
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ 54 GAP _____ 63 FORCE F5 WRITE INITIALS IN BOX PERMIT No. 40-81-0392 70 71 72 73 74 75 76 77 78 79		
SPECIAL CONDITIONS 		

HOWARD
 COUNTY NAME
 OEP SIGNATURE _____
 DATE ISSUED 011384
 NORTH GRID 516000 EAST GRID 0823000
 50 55 57 63

NOT TO BE FILLED IN BY DRILLER
 HEALTH DEPARTMENT APPROVAL
 COUNTY NO. A28315
 STATE HEALTH INSERT S ☐ 41
 CO SIGNATURE Frank Shenn EXP. DATE 7/13/84

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. WELL
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE

E 8203
 N 5106

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


FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0392
Location of property (road) Springhaven Court
Subdivision Fairside Lot 57 Block Plat Sec.
Well Driller Joseph R. Mays Owner Craig Woodburn
Depth of well 160'
Distance of measuring point (M.P.) above ground 1 1/2'
Static water level (S.W.L.) below M.P. 32'

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 12 GPM
Total time 30 min to reach pumping water level 58 ft. below M.P.

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

[illegible]

C1 4476 1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	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. COUNTY NUMBER A28315
DATE Received 10 20 84		DATE WELL COMPLETED 10 20 84	
OWNER Woodburn		Depth of Well 160 (TO NEAREST FOOT)	
STREET OR RFD Springhaven Court		PERMIT NO. FROM "PERMIT TO DRILL WELL" #0-81-0392	
SUBDIVISION Farside		TOWN Ellick	
SECTION 57		LOT 57	

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (Use additional sheets if needed)</th> <th colspan="2">FEET</th> <th rowspan="2">Check if water bearing</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Brown Shale</td> <td>0</td> <td>10</td> <td></td> </tr> <tr> <td>Sand</td> <td>10</td> <td>26</td> <td></td> </tr> <tr> <td>Gray mica rock</td> <td>26</td> <td>160</td> <td></td> </tr> </tbody> </table>	DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing	FROM	TO	Brown Shale	0	10		Sand	10	26		Gray mica rock	26	160		GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 7 NO. OF POUNDS 658 GALLONS OF WATER 42 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 28 ft. (enter 0 if from surface)	C 3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 32 WHEN PUMPING 58 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible
DESCRIPTION (Use additional sheets if needed)		FEET			Check if water bearing															
	FROM	TO																		
Brown Shale	0	10																		
Sand	10	26																		
Gray mica rock	26	160																		
CASING RECORD casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 31																				
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 C 2 DEPTH (nearest ft.) 1 H0 29 160 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 																				
GRAVEL PACK from to IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 																				
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA 																				

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 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. DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE Joseph L. Mayne (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	C 3 PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 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 - below LAND SURFACE 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) 150' → well 15' ↓ Springhaven Court
--	--

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0392
Location of property (road) Springhaven Ct.
Subdivision Spurside Lot 57 Block Plat Sec.
Well Driller Joseph L. Mayne Owner Craig Woodburn

Depth of well 160'
Distance of measuring point (M.P.) above ground 15'
Static water level (S.W.L.) below M.P. 32'

I. High rate pumping -- reservoir drawdown

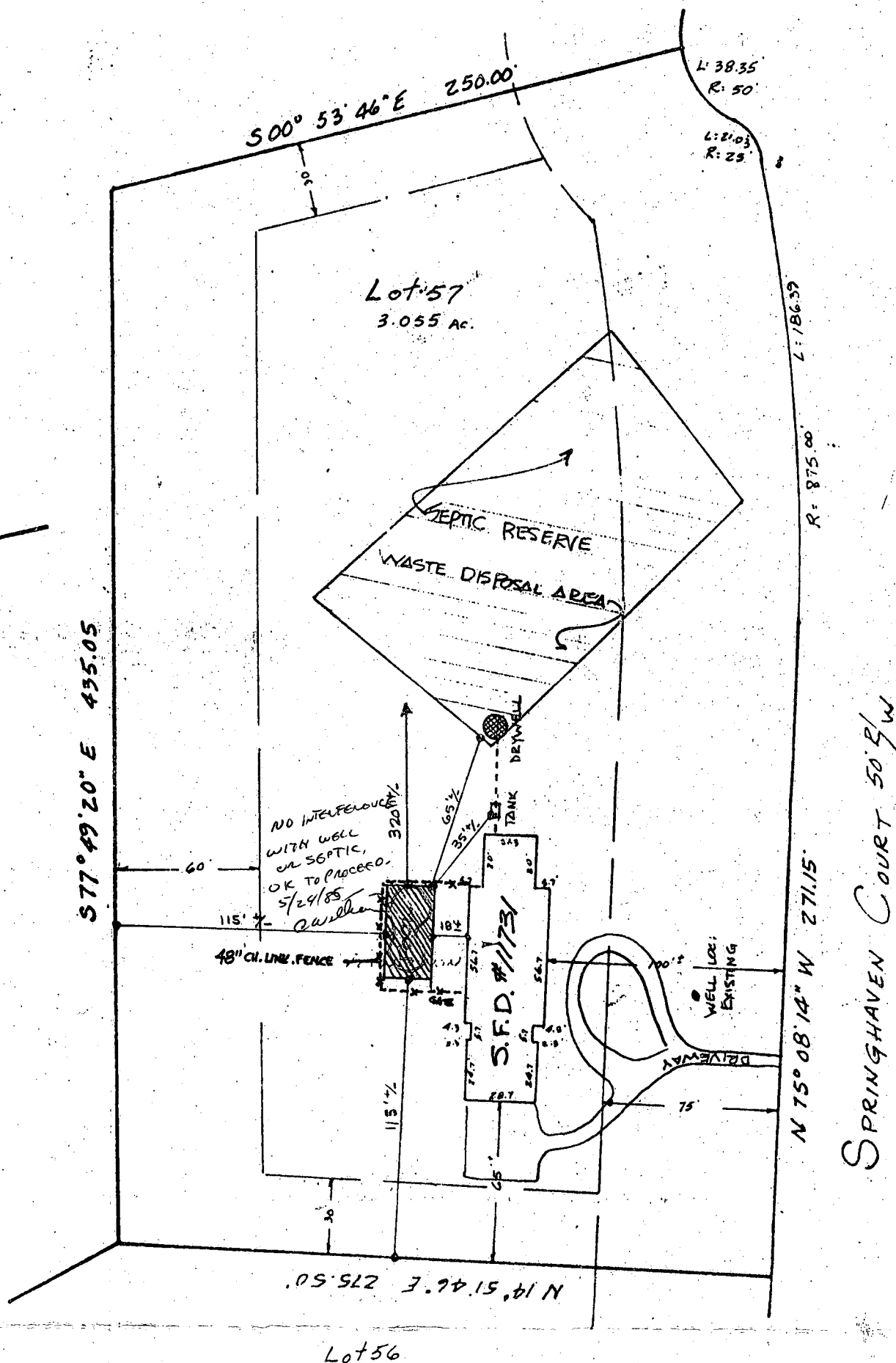
Time pump started 8:30 Pumping rate 12 gal.
Total time 30 min. to reach pumping water level 58 ft. below M.P.

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

[illegible]

Property known as: **Lot 57**
FAR SIDE
 LOTS 14, 33-36, 56, 57, 60 & 61
 3RD ELECT DIST HOWARD CO. MD
 PLAT BOOK 4410

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.



LOCATION SURVEY PLAT

CERTIFICATION

This is to certify that I have surveyed the property known as:

SPRINGHAVEN COURT

for the purpose of locating the improvements thereon, and the improvements are located as shown.

SEAL



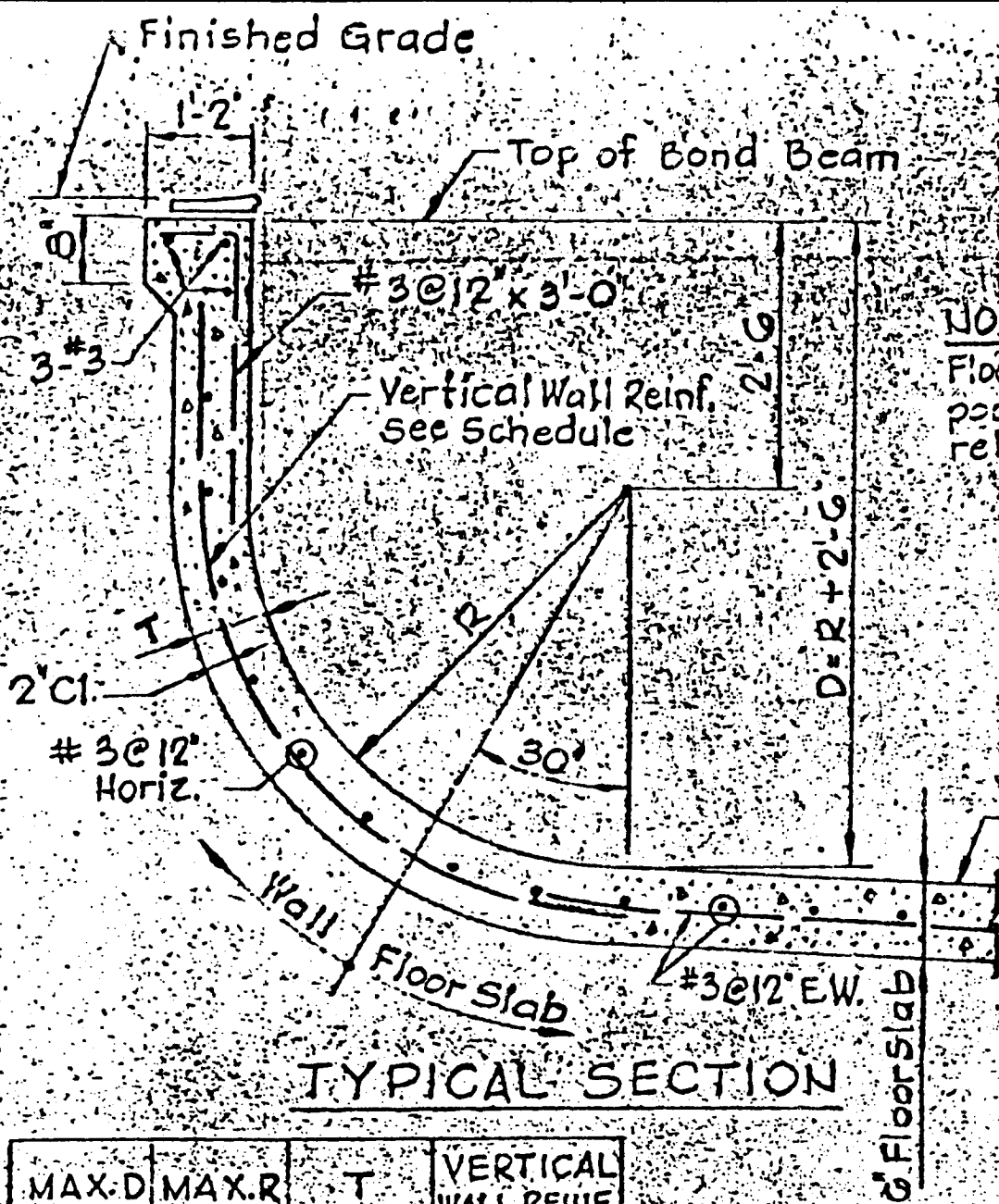
SCALE 1"=60'

DATE 3-19-84

PHONE
 928-9060 TOWSON
 730-9060 COLUMBIA

HUDKINS ASSOCIATES, INC.
 Surveyors and Subdivision Designers

5485 HARPERS FARM ROAD
 COLUMBIA, MARYLAND 21044
 11 55 57



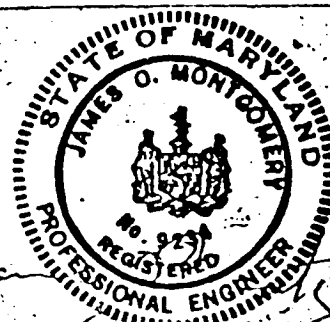
NOTE

Floor slab designed for pools with hydrostatic relief valves.

MAX. D	MAX. R	T	VERTICAL WALL REINF.
5'-0"	2'-6"	4 1/2"	#3@12"
6'-0"	3'-6"	5"	#3@12"
7'-0"	4'-6"	5 1/2"	#3@6"
8'-0"	5'-6"	6"	#3@6"
9'-0"	6'-6"	6 1/2"	#3@6"

NOTES

1. Concrete shall have a minimum 28 day strength of 3000 p.s.i. Walls to be pneumatic concrete. Care shall be taken to inhibit the formation of a cold joint between wall & floor slab.
2. Reinforcing steel shall be ASTM A-615 grade 40. All bars to be lapped 30 bar diameters at splices.
3. Wall and floor thicknesses shall be maintained around all drains, lights, skimmers, etc.



This is to certify that the structural design is in accordance with the Baltimore County Building Code.



Caribbean Pools
A DIVISION OF ERDMAN CONSTRUCTION CO., INC.

8552 Philadelphia Rd. 2nd Floor
Baltimore, Maryland 21237

(301) 574-5890
MHIC #4600