

approved 3/9/83
Stayer

5/9/83
as soon as possible

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

05-391652

INDEX

P 32682

A 29061

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLCOTT CITY

DISTRICT 5th

DATE 4/22/83

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION Triadelphia Mill Farms ROAD 13932 Hallowell Court LOT 14, Sec. 1

PROPERTY OWNER Robert Koch Theodore Ziatin
9242 Gateway Road, Columbia, Maryland Phone: 997-7893

ADDRESS ~~XX~~

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

GARBAGE GRINDER? YES NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 209 sq. ft. per bedroom if trench only. Two (2) each 63 foot long
trenches. Inlet at 4 ft., maximum depth 10 ft. in area of high hole
Begin the trench 135 ft. from the rear lot line and 135 ft. from the right lot
line as seen when facing the lot from Hallowell Court.

PLANS APPROVED BY Charles B. Streaker & Frank A. Skinner DATE 3/29/83

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.

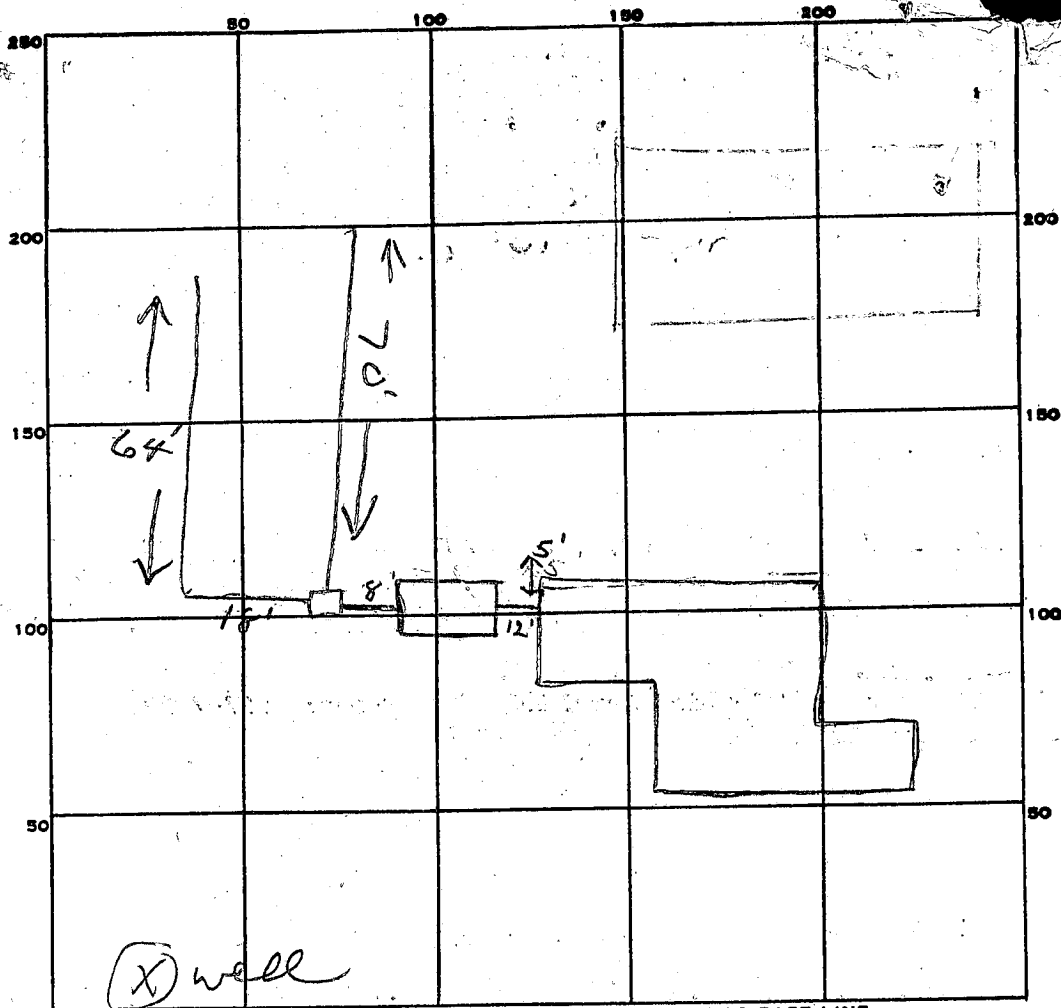
PERMIT SIGNED
AND RETURNED 4/22/83
Seal # 17756 - Pool

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29061



620

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓

1000 gal

CLEANOUTS

ST

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 10

FT.

TRENCH WIDTH 2

FT.

GRAVEL DEPTH 6

IN.

TOTAL LENGTH 134

134

FT.

NUMBER OF TRENCHES 2

TOTAL BOTTOM AREA 804

804

64
70
134
6
804

SEEPAGE PITS, INSIDE DIAMETER _____ FT.

FT.

DEPTH BELOW INLET _____ FT.

FT.

ABSORBENT AREA 804

804

SQ. FT.

REMARKS

5/9/83 OK to add stone in #1 trench. JS

5/9/83 OK to cover all work. JS

DATE SYSTEM APPROVED 5/9/83

INSPECTOR ST

ST

TRIA ELPHIA MILL FARMS #14

SEC. 1 AREA 2
PLAT F81-64
A29061

- 2 BEDROOMS - 1000 GALLON TANK
- 4 BEDROOMS - 1250 GALLON TANK

DRY WELL - 175 square foot sidewall area per bedroom. Dry well *effective*

discovery area starts 5' inlet maximum to be 4 feet below original grade and dry

well bottom to be 10 feet below original grade. Place the dry well 135

feet from the { N 49° 52' 10" E } lot line and 135 feet from the { S 41° 03' 25" E } lot

line } as seen when facing the lot from HALLOWELL COURT road.

or 209 SQ. FT. / B.R. if trench only - F.S. 3/29/83

2 x 63 ft. long trenches inlet 4', max depth 10' in reach high hole

APPLICATION

A 29061

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 5th

DATE 10/16/78

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 Bob Koch
Tridolphus Mill Farm Partnership

ADDRESS 9242 Gateway Rd PHONE 997-7893
Sandy Spring, Md 20860 286-2908

PROPERTY LOCATION: Columbia Final #14

SUBDIVISION Tridolphus Mill Farm LOT NO. 14-Sheet 1

ROAD AND DESCRIPTION Side of Tridolphus Mill Rd 1500' E of

Sherridge Rd, Dayton 13932 Hallowell Court

SIZE OF LOT 3.2 acres 3 bedroom single family dwg
TYPE BLDG FOR PR. 52067 NUMBER OF BED ROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT Richard Hallenwell

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED

AND RETURNED 1/27/83

Final # 52067

THIS IS NOT A PERMIT

14

Woods

530'

135'

Stake

Field

Sheet

Rate

Per

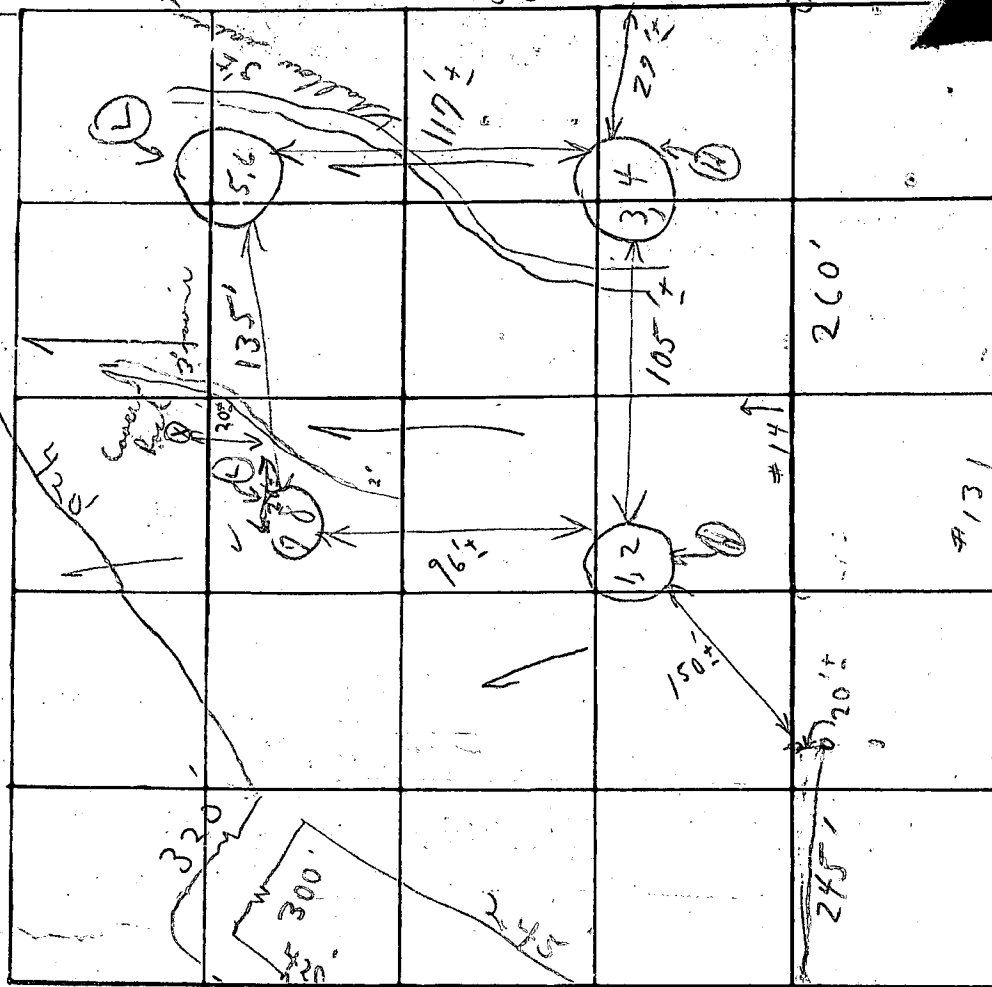
Stake

near woods

Trundlefield Mill Rd

Dyke

near woods



INDICATE NORTH, NAME ADJOINING ROADWAY AS BASE LINE

420' Cont

Soil Profile

Below
clay
Mud
&
loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/11/77	1	3 1/2'	1:53	2:08	2:08	2:38	3/4" at mast
	2	11 1/2'	1:52	1:55	1:55	1:59	4m
	3	3 1/2'	1:50	1:57	1:57	2:23	26m
	4	12'	1:27	1:30	1:30	1:38	5m
	5	3 1/2'	1:30	1:	1:00	1:00	1/4" at 2:00 1/4" at 2:00 1/2"
	6	12'	1:30	1:33	1:33	1:42	9m
	7	4'	1:32	1:35	1:35	1:43	8m
	8	11'	1:32	1:35	1:35	1:40	5m
	5 B.M.	5'	2:59	3:00	3:00	3:01	1m
	1 B	5'	2:55	2:56	2:56	2:58	2m

Use 344
keep 2'
above
10' max

11/19/79
KFF

175 0/8 R

Clay
4'

Good
soil
5'

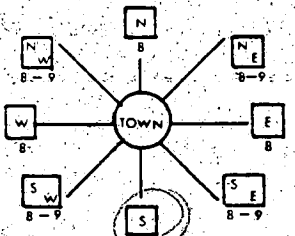
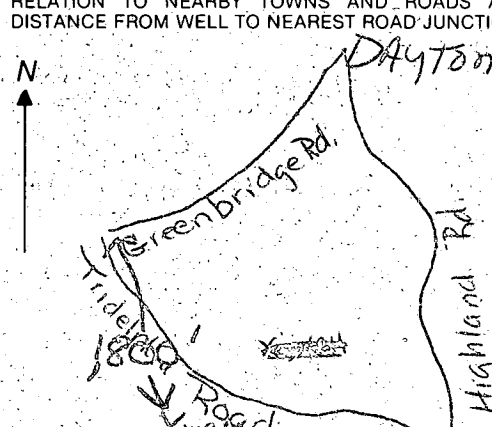
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any

REMARKS: Col { Test in open field } 8/60

TYPE OF SOIL: C. B. M.

TESTED BY: C. B. M.

ALSO PRESENT: P. V. Schindler

B 1	0795	SEQUENCE NO. (OEP USE ONLY)	Permit 9:30 AM 12/8/82	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER 140-73-4328
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			fill in this form completely		
Date Received 1 1 1 5 8 2 2nd		LOCATION OF WELL COUNTY <u>HOWARD</u> SUBDIVISION <u>Tridellphia Mills Farms</u> SECTION <u>1, area 2</u> LOT <u>1st</u> NEAREST TOWN <u>DAYTON</u> MILES FROM TOWN (enter 0 if in town) _____			
OWNER INFORMATION Last Name 15 <u>KIOCIH ROBERT</u> Owner <u>916401 KANTIERBURY RIDING</u> Street or RFD <u>LAWRIEL</u> MIN <u>1207107</u> Town 57 _____ State _____ 76 Zip _____		DRILLER INFORMATION Driller's Name <u>George F. Easterday</u> Firm Name <u>L. F. Easterday, Inc.</u> Address <u>9265 Brown Church Rd. Mt. Airy, Md.</u> Signature <u>George F. Easterday</u> 11/8/82 Date _____ 77 License No. 80 <u>40</u>			
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u>		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)		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 240-600 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)			
APPROXIMATE DEPTH OF WELL <u>150</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X. SOURCES OF DRILLING WATER 1. <u>well</u> 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE E <u>799 9</u> N <u>500 4</u>			
METHOD OF DRILLING (circle one) BORED (OR AUGERED) <u>AIR ROTARY</u> JETTED JETTED & DRIVEN 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 <u>HOWARD</u> COUNTY NO. <u>A29061</u> OEP SIGNATURE _____ DATE ISSUED <u>11/26/82</u> CO SIGNATURE <u>Frank Skene</u> NORTH GRID <u>504</u> EAST GRID <u>0799</u> EXPIRES <u>052683</u>			
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER <u>GAP</u> FORCE <u>FS</u> WRITE INITIALS IN BOX PERMIT NO. <u>140-73-4328</u>		SPECIAL CONDITIONS 8-63 1 2 3 6			

1944
DALO

Review

H 9161

Well Permit No. HO' - 73 - 4328

Location of property (road) Tracholopis Mill Rd

Subdivision Traders Mill Farm Lot 14 Block Plat Sec.

Well Driller Gen. Estrella Owner Robert Koch

Depth of well 140'

Distance of measuring point (M.P.) above ground 18"

Static water level (S.W.L.) below M.P. 40'

Time pump started 8:00 Pumping rate 10
Total time 15 min to reach pumping water level 64 ft. below M.P.

[illegible]

C1 4216	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 A29061
Date Received (OEP use only)	DATE WELL COMPLETED 120882	Depth of Well 140 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-4328

OWNER Koch last name	Robert first name
STREET OR RFD Hallowell Court	TOWN Dayton
SUBDIVISION Triadelphia Mill Farms	SECTION 1 area 2 LOT 14

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
TOP SOIL	0 2	
SHALE Y	2 10	
SAND STONE	10 25	✓
MICA	25 35	
SAND STONE	35 40	✓
MICA	40 55	
SAND STONE	55 60	✓
MICA	60 75	
SAND STONE	75 80	✓
MICA	80 140	

WELL HAS BEEN GROUTED (Circle Appropriate Box)	
YES ☒	NO ☐
TYPE OF GROUTING MATERIAL	
CEMENT ☒ BENTONITE CLAY ☐	
NO. OF BAGS 8	NO. OF POUNDS 800
GALLONS OF WATER 40	
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 25 ft. (enter 0 if from surface)	

CASING RECORD		
casing types insert appropriate code below	☒ ST STEEL	☐ CO CONCRETE
	☒ PL PLASTIC	☐ OT OTHER
	MAIN CASING TYPE	
	Nominal diameter (top/main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 29	

OTHER CASING (if used)	
diagram	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	
	SLOT SIZE 1 2 3		
	DIAMETER OF SCREEN (NEAREST INCH) from 36 to 60		

C2	
DEPTH (nearest ft.)	
HO	27 140
☐	☐
☐	☐

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40
DRILLERS SIGNATURE <i>Georges J. Easterday</i>
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

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

C3		
PUMPING TEST		
HOURS PUMPED (nearest hour) 3		
PUMPING RATE (gal. per min. to nearest gal.) 10		
METHOD USED TO MEASURE PUMPING RATE Bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING 40		
WHEN PUMPING 66		
TYPE OF PUMP USED (for test)		
☒ A air	☐ P piston	☐ T turbine
☐ C centrifugal	☐ R rotary	☐ O other (describe below)
☐ J jet	☒ S 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) 31	
PUMP HORSE POWER 35	
PUMP COLUMN LENGTH (nearest ft.) 47	
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)	
WELL 35'	
TRIDELPHIA MILL RD.	

15 6-10

Review 8/22/83 OK. F.S.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-4328

Location of property (road) Hallowell Court

Subdivision Triadelphia Mill Farms Lot 14 Block — Plat — Sec. 1, area 2

Well Driller George F. Easterday Owner Robert Koch

Depth of well

Distance of measuring point (M.P.) above ground 18"

Static water level (S.W.L.) below M.P. 40'

1. High rate pumping -- reservoir drawdown -

Time pump started 8:50

Pumping rate 10

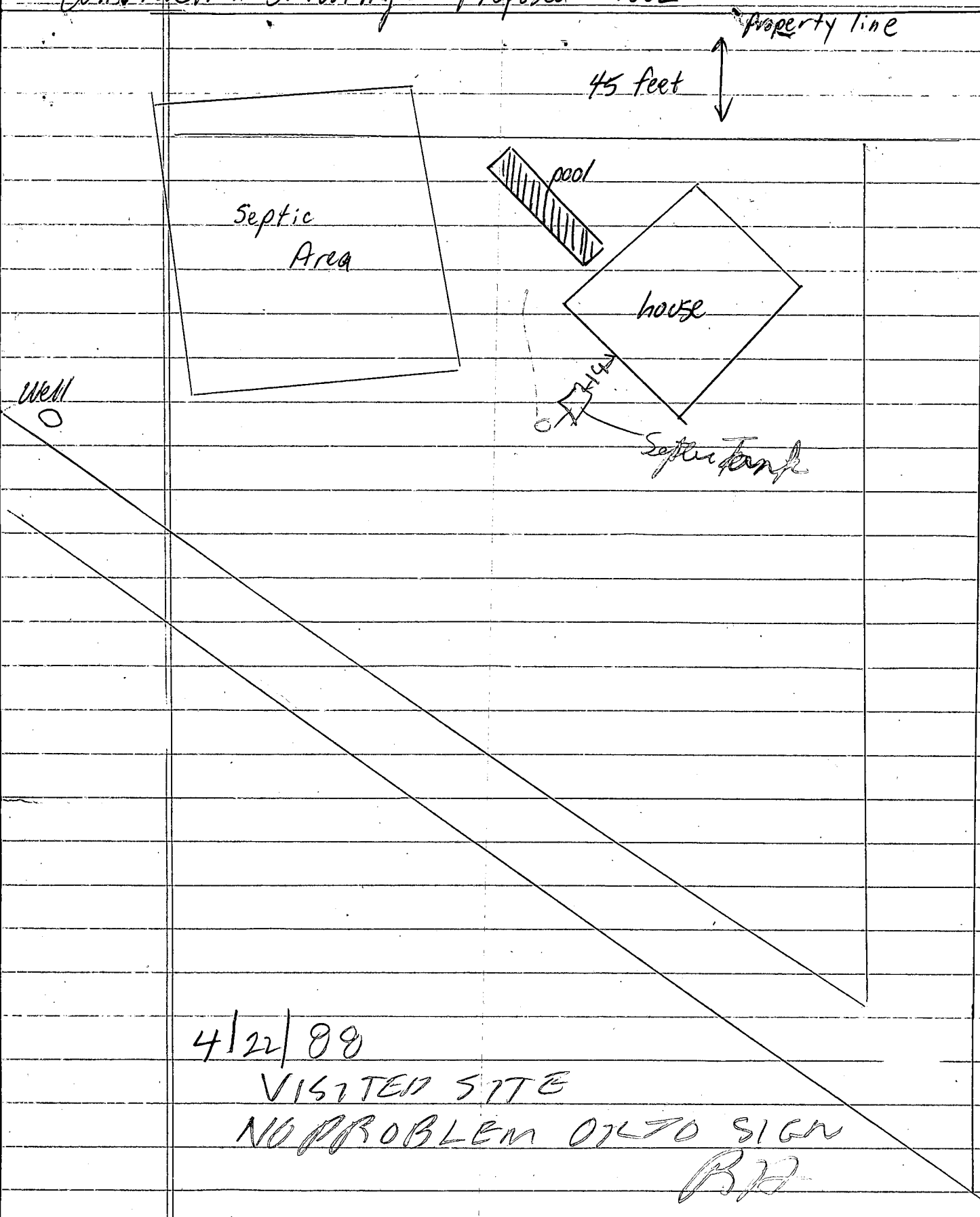
Total time _____ to reach pumping water level _____ ft. below M.P.

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

[illegible]

17756

Construction Drawing - Proposed Pool



SEPTIC SYSTEM DATA

INV. e HOUSE: 461.85

SEPTIC TANK (1000 GAL.)

EX. GR. 465.0
FIN. GR. 466.0
INV. IN. 461.45
INV. OUT 461.20

DRYWELL (12' x 12')

EX. GR. 463.4
FIN. GR. 463.4
INV. IN. 459.40
INV. OUT 459.40

TRENCH (2' WIDE x 60' LONG)

EX. GR. 462.7
FIN. GR. 462.7
TOP OF STONE 459.20
INV. IN. 459.70
BOTTOM OF STONE 452.70

13

10" e 13.86

11/27/83

Sketch OK
J.S.

N 67° 25' 10" E

493.47

Proposed

GRAVEL

DRIVE

EXISTING

25' ESMT

FOR INGRESS & EGRESS

2