

3/26/86
3/28/86 3 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH

330
461-9933

04-30889

INDEXED

ELLICOTT CITY

DISTRICT 4th

DATE 2/25/86

BN 2/28/86
system OK'd
P 31567
A 28522

Herman Sirk

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 2555 Jennings Chapel Road, Woodbine, MD 21797 PHONE 489-4724

SUBDIVISION Lower Trail ROAD 16460 Route 144 LOT 3

PROPERTY OWNER Philip Serafinas

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 187 sq. ft. per bedroom. Trench to be 2 feet wide. Inset 3.5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3.5 feet below original grade. 5.5 feet of stone below distribution pipe.

LOCATION: - Start the first trench 275 feet from the front 312 ft. lot line and 100 feet from the right lot line as seen when facing the lot from Route 144. Run trench on contour toward the back lot line as seen when facing the lot from Route 144.

NOTE: - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BLDG. PERMIT 17598-galaxy
AND RETURNED 4/7/88

PLANS APPROVED BY S. Abel DATE 1/25/86

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.

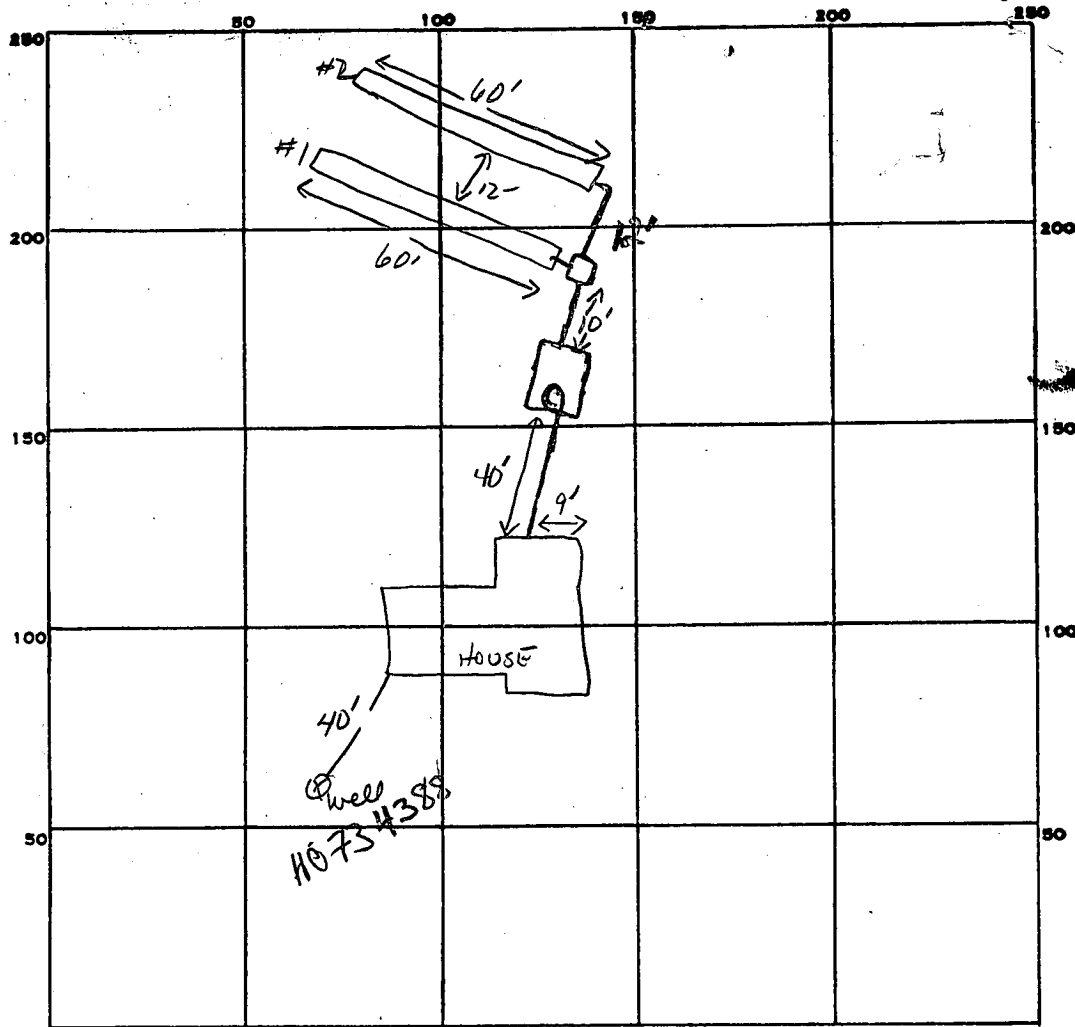
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

BP 12213
Desk am.

A 28522



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL

1500 gal ✓

CLEANOUTS

S.T.

DISTRIBUTION BOX, LEVEL

level ✓

TILE FIELD, DEPTH

9

FT.

TRENCH WIDTH

2

FT.

INLET 3.5

GRAVEL DEPTH

5.5

FE
IN.

TOTAL LENGTH

①

②

TOTAL 120

60

60

FT.

NUMBER OF TRENCHES

2

ONE SIDE WALL

TOTAL BOTTOM AREA

660

SEEPAGE PITS, INSIDE DIAMETER

FT.

DEPTH BELOW INLET

FT.

ABSORBENT AREA

660

SQ. FT.

REMARKS

2-26-86 OK TO PLACE STONE IN TRENCHES; SET DB + ST + ALL PIPE WORK; CALL FOR FINAL S. APR

2/28/86 OK to cover all work

DATE SYSTEM APPROVED

2/28/86

INSPECTOR

B. Nylan

120
5.5
600
600
660.0

2
187
3
561

187
3
561

120
5.5
600
600
660.0

APPLICATION

A 28522

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

DISTRICT 4th

DATE 7/20/78

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 ~~Howard Associates~~ Philip & Marie Serafinas

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Lower Trail LOT NO. 3

ROAD AND DESCRIPTION # K460 Route 144

SIZE OF LOT 5.335 acres m/1 TYPE BLDG. 3 or 4 bedrooms

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/ Pat Lendrim

APPROVED BY Raymond Hodger FOR Dry Well DATE 4/2/80

(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____

(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 8/7/79 - PERC 11 Hold for Certified Plat

4/2/80 PLAT has been Signed R/D B.P. 65784

BLDG. PERMIT SIGN

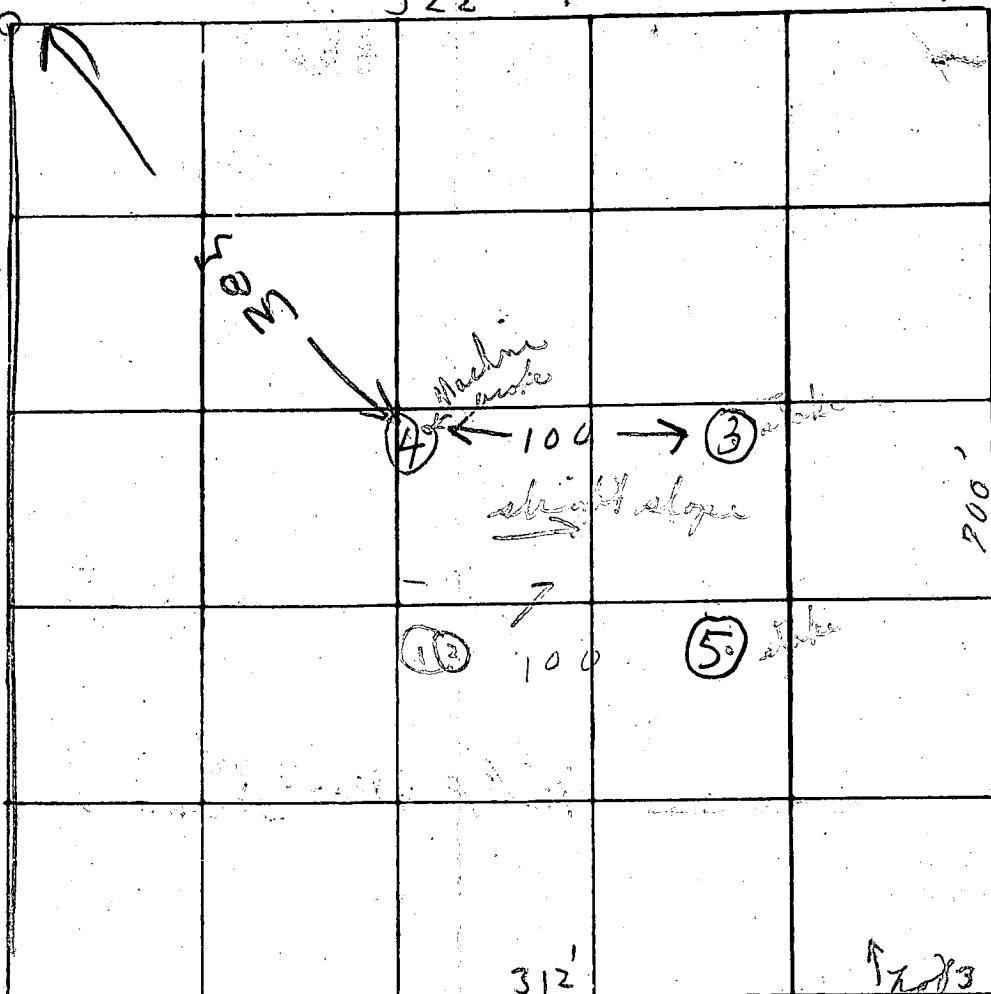
AND RETURNED 2 2285

THIS IS NOT A PERMIT

STAKE
FOR
L-283

See
Attached Plat

1400'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

EX 144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/21/78	C 1	4'	11:47	11:52	11:52	11:59	9
	1 hole	12'	11:46	11:57	11:57	12:18	21
8/7/79	3 S	3'	11:01	11:07	11:07	11:19	12
	3 D	11 1/2'	11:02	11:07	11:07	11:19	12
	4 S	3 1/2'	11:11	11:16	11:16	11:28	12
	4 D	11'	11:11	11:16	11:16	11:28	12
	5 V	12'	TOP 3 F	7 1/2' CLAY	7 1/2' CLAY	7 1/2' CLAY	
			BOT 9 F	7 1/2' LOAMY	7 1/2' LOAMY	7 1/2' SHALY	
	3 V	13 1/2'	TOP 2 F	7 1/2' CLAY	7 1/2' CLAY	7 1/2' CLAY	
			BOT 11 F	7 1/2' SANDY	7 1/2' SANDY	7 1/2' HARD BOTTOM	

Below
clay
loam
& some
weathered
shale

X-B min

REMARKS: High grass & weeds - centile holes
 TYPE OF SOIL: (M. tendreus melindae - base broke)
 TESTED BY: C. R. Allen
 8/7/79 RH
 ALSO PRESENT: P. tendreus
 8/7/79 K. ALLEN

Md Route 144

S 20° 47' - 27" W 700.00'

N 69° - 33' - 00" W
10.00'

Lot 4

N 69° - 33' - 00" W
312.00'

N 20° - 47' - 27" E

1400.00'

Lot 2

Lot #3

5.335 ACRES

Proposed
Septic
Reservation

S 20° 47' - 27" W

700.00'

Lot 6

S 69° - 33' - 00" E
322.00'

Scale 1" = 100' Date 5-9-78

MAP OF PROPERTY
OF
HOWARD ASSOCIATES
Tax Map #7 Parcel #412
4th Election District
Howard County Md

Carl Huchins PLS #96

35,000



LOT 2
5.00 Ac.
680/16

LOT 3
5.335 Ac.
680/165

LOT 6
5.335 Ac.
680/132

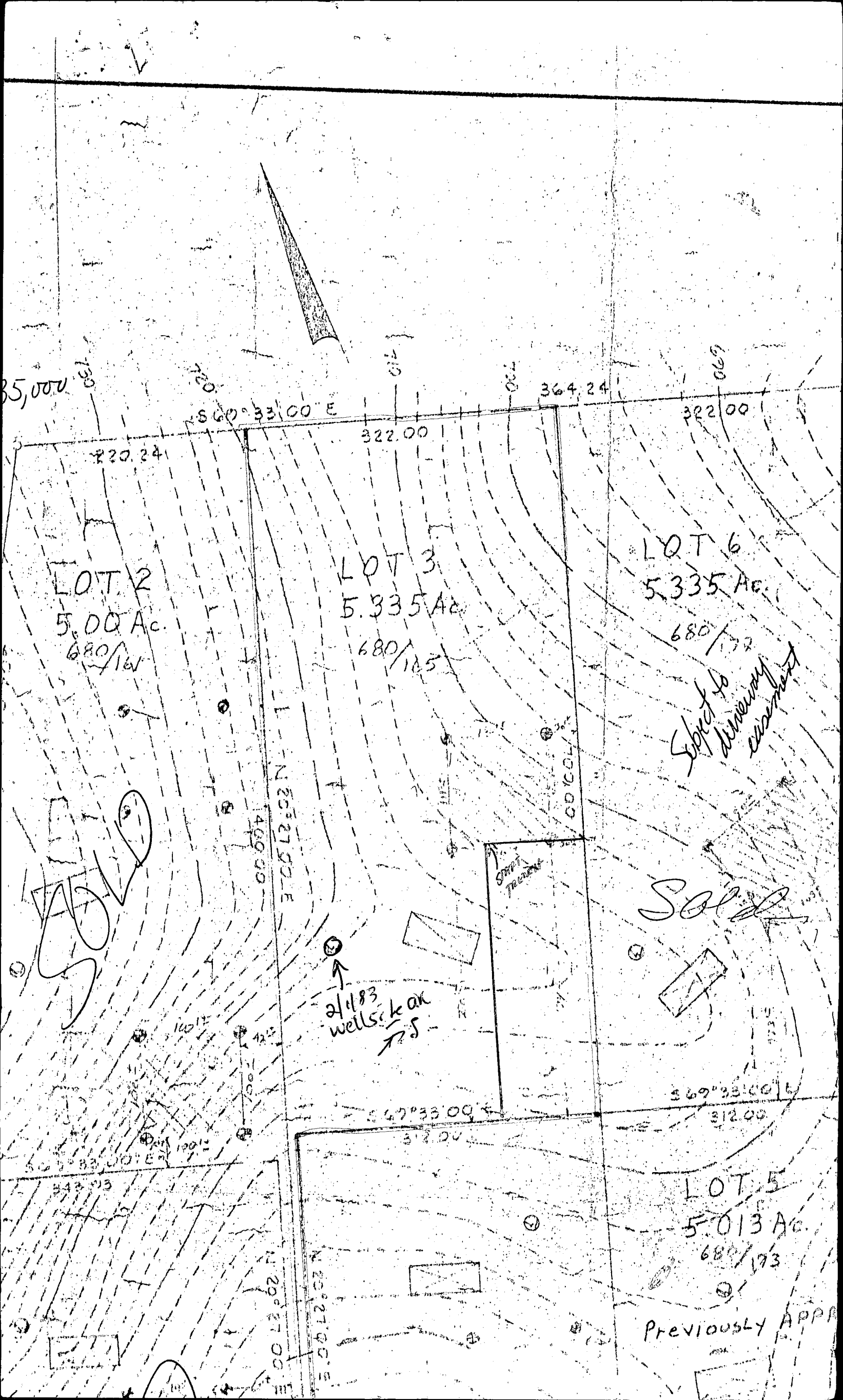
Subject to
driveway
easement

Sold

2/1/83
wells & tank
FS

LOT 5
5.013 Ac.
680/173

Previously APPR

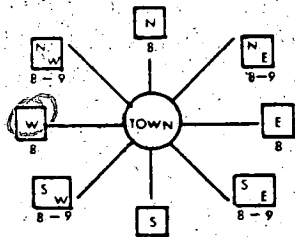
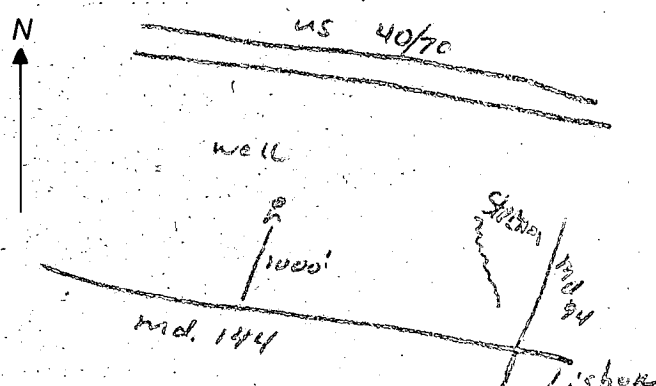


PHILIP J. SERAFINAS
12 EMBLETON RD
OWINGS MILLS, MD. 21117
301-356-5251

DIVISION OF
ENVIRONMENTAL
HEALTH

ON 20 2 32 PM '83

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

B 1	1572	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	OEP PERMIT NUMBER 40-73-4388
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) Date Received <i>3/28/83</i> <i>11:00 AM</i>			please print or type LOCATION OF WELL COUNTY <i>Howard</i> SUBDIVISION <i>Lower Trail</i> SECTION <i>3</i> LOT <i>3</i> NEAREST TOWN <i>Lisbon</i> MILES FROM TOWN (enter 0 if in town) <i>I</i>	
OWNER INFORMATION Last Name 15 <i>SERAFINAS</i> Owner <i>PHILIP</i> 34 Name 36 <i>120 EMBLETON RD</i> 55 Town 57 <i>OWINGS MILLS MD</i> State <i>MD</i> 76 Zip <i>21117</i>			DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B T Continued DRILLER INFORMATION Driller's Name <i>Ralph Mayne</i> 77 License No. 80 <i>273</i> Firm Name <i>Ralph Mayne (Well Drilling)</i> Address <i>Box 9120 Mt. Airy Md.</i> Signature <i>Ralph Mayne</i> Date <i>11/18/83</i>			ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH ☐ WEST ☒ EAST ☐ SOUTH ☐ DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) <i>1000</i>	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <i>5</i> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <i>500</i>			SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <i>well</i> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E <i>720 5</i> N <i>540 9</i>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 ☐ 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)			DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
APPROXIMATE DEPTH OF WELL <i>150</i> FEET APPROXIMATE DIAMETER OF WELL <i>6</i> INCH METHOD OF DRILLING (circle one) BORED (OR AUGERED) ☒ JETTED ☐ JETTED & DRIVEN ☐ 30-37 ☒ AIR ROTARY ☐ AIR PERCUSSION ☐ ROTARY (HYDRAULIC ROTARY) ☐ CABLE ☐ REVERSE ROTARY ☐ DRIVE POINT other _____			NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME <i>HOWARD</i> COUNTY NO. <i>A28522</i>	
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 _____			OEP SIGNATURE _____ STATE HEALTH CIRCLE BOX ☒ DATE ISSUED <i>02/01/83</i> CO SIGNATURE <i>Frank Skinnia</i> NORTH GRID <i>540</i> EAST GRID <i>0775</i> EXPIRES <i>08/01/83</i>	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER <i>GAP</i> FORCE <i>FS</i> WRITE INITIALS IN BOX PERMIT NO. <i>40-73-4388</i>			SPECIAL CONDITIONS 8-63 1 2 3 6	

C 1 6231	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 28522	
Date Received (OEP use only)	DATE WELL COMPLETED 3-28-72	Depth of Well 200 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-4388

OWNER Serafinas last name	Philip first name	TOWN Lisbon
STREET OR RFD Md. Rte 144		
SUBDIVISION Lower Trail	SECTION _____	LOT 3

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	
Top Soil	0 2	
Sandy	2 40	
Sand Stone	40 65	✓
Micka	65 75	
Sand Stone	75 80	✓
Micka	80 200	

GROUTING RECORD	
WELL HAS BEEN GROUTED: Y N	
TYPE OF GROUTING MATERIAL	
CEMENT CM	BENTONITE CLAY BC
NO. OF BAGS 15	NO. OF POUNDS 1500
GALLONS OF WATER 90	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0 ft. to 30 ft.	48 TOP (enter 0 if from surface) BOTTOM 58 ft.

CASING RECORD									
casing types insert appropriate code below	<table style="width:100%; text-align: center;"> <tr> <td style="border: 1px solid black; padding: 2px;">ST</td> <td style="border: 1px solid black; padding: 2px;">CO</td> </tr> <tr> <td>STEEL</td> <td>CONCRETE</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">PL</td> <td style="border: 1px solid black; padding: 2px;">OT</td> </tr> <tr> <td>PLASTIC</td> <td>OTHER</td> </tr> </table>	ST	CO	STEEL	CONCRETE	PL	OT	PLASTIC	OTHER
ST	CO								
STEEL	CONCRETE								
PL	OT								
PLASTIC	OTHER								
MAIN CASING TYPE	<table style="width:100%;"> <tr> <td style="width:33%;">Nominal diameter top/main casing (nearest inch)</td> <td style="width:33%;">Total depth of main casing (nearest foot)</td> <td style="width:33%;"></td> </tr> <tr> <td style="text-align: center; font-size: 18pt;">PL 6</td> <td style="text-align: center; font-size: 18pt;">LO</td> <td></td> </tr> </table>	Nominal diameter top/main casing (nearest inch)	Total depth of main casing (nearest foot)		PL 6	LO			
Nominal diameter top/main casing (nearest inch)	Total depth of main casing (nearest foot)								
PL 6	LO								

OTHER CASING (if used)	
E A C H C A S I N G	diameter inch
	depth (feet) from _____ to _____

SCREEN RECORD													
screen type or open hole insert appropriate code below	<table style="width:100%; text-align: center;"> <tr> <td style="border: 1px solid black; padding: 2px;">ST</td> <td style="border: 1px solid black; padding: 2px;">BR</td> <td style="border: 1px solid black; padding: 2px;">HO</td> </tr> <tr> <td>STEEL</td> <td>BRASS BRONZE</td> <td>OPEN HOLE</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">PL</td> <td style="border: 1px solid black; padding: 2px;">OT</td> <td></td> </tr> <tr> <td>PLASTIC</td> <td>OTHER</td> <td></td> </tr> </table>	ST	BR	HO	STEEL	BRASS BRONZE	OPEN HOLE	PL	OT		PLASTIC	OTHER	
ST	BR	HO											
STEEL	BRASS BRONZE	OPEN HOLE											
PL	OT												
PLASTIC	OTHER												

C 2	
E A C H S C R E E N	DEPTH (nearest ft.) HO 58 200

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. 273 Ralph Wayne DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)
---	---

SLOT SIZE 1 2 3	DIAMETER OF SCREEN (NEAREST INCH) 56 60
GRAVEL PACK _____	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F	

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T 70 72	(E.R.O.S.) 74 75 76
TELESCOPE CASING	LOG INDICATOR

C 3	
HOURS PUMPED (nearest hour) 3	PUMPING TEST
PUMPING RATE (gal. per min. to nearest gal.) 5	
METHOD USED TO MEASURE PUMPING RATE Rock	
WATER LEVEL (distance from land surface)	
BEFORE PUMPING 145	
WHEN PUMPING 205	
TYPE OF PUMP USED (for test)	
A	P
C	R
J	S

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)	
Y N	
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 35	
PUMP HORSE POWER	
37 41	
PUMP COLUMN LENGTH (nearest ft.)	
43 47	

CASING HEIGHT (circle appropriate box and enter casing height)	
+	above
-	below
LAND SURFACE 1 (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)	

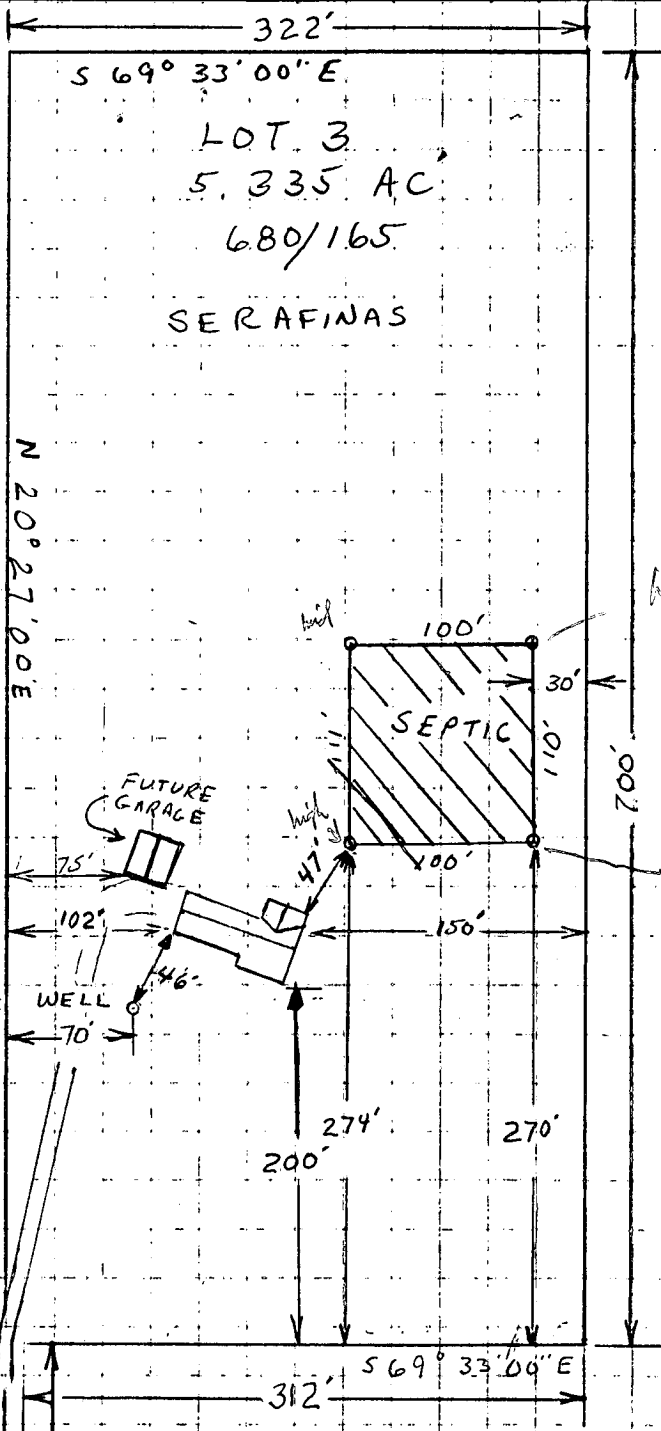
Well Permit No. HO - 73-4388
Location of property (road) Frederick Rd Rt 144
Subdivision Lower trail Lot 3 Block - Plat - Sec. -
Well Driller Ralph Mague Owner Philip S. King

Depth of well 205
Distance of measuring point (M.P.) above ground 1 ft
Static water level (S.W.L.) below M.P. 48 ft

- Time pump started 12:45 Pumping rate 9 G.P.M.
Total time 30 min to reach pumping water level 75 ft. below M.P.

[illegible]

LOT 2
5.00 AC
M^E NEILL



LOTS 1 THRU 18
LOWER TRAIL
TAX MAP 7
HOWARD CO. MD.

B.P. # 65784

LOT 3

LOT 1

LOT 4

20' COMMON DRIVEWAY ENTRANCE PERMIT NO.
7-HO-121-E

RT 144

BY _____ DATE 5-26-87

SUBJECT PROPOSED DECK

SHEET NO. 1 OF 1

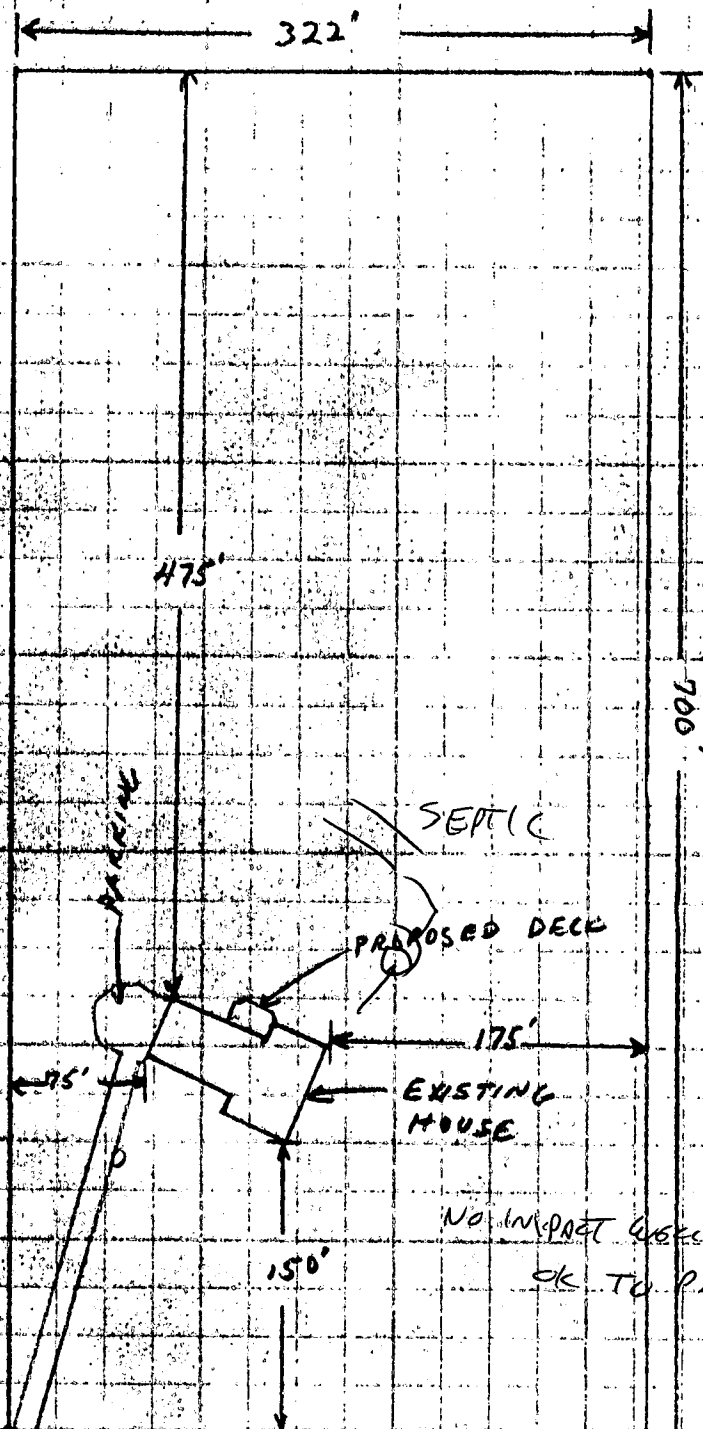
CHKD. BY _____ DATE _____

16460 RT. 144

JOB NO. _____

PHILIP J. SERAFINAS

LISBON, MD. 21765



NO IMPACT ON SEPTIC,
OK TO PROCEED

5/25/87

CW, [signature]

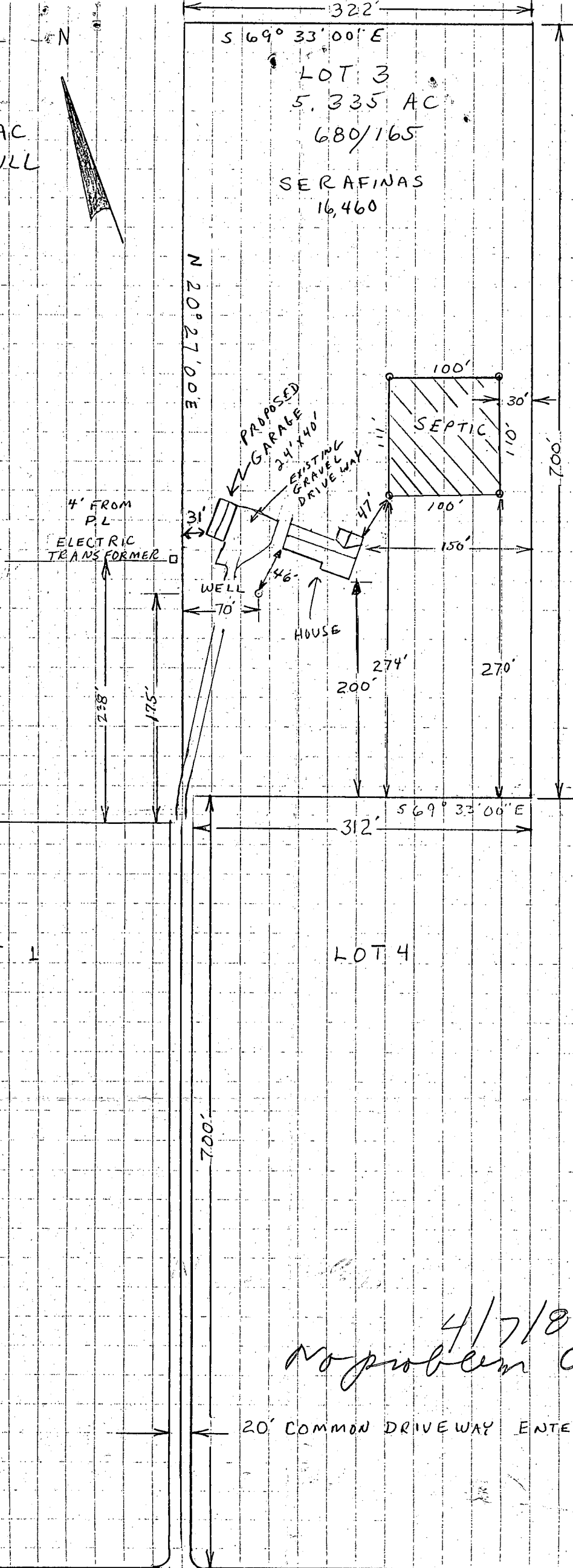
B.P. 12213
[signature]

LOT 2
5.00 AC
M. NEILL



LOT 3
5.335 AC
680/165
SERAFINAS
16,460

LOTS 1 THRU 18
LOWER TRAIL
TAX MAP 7
HOWARD CO. MD.



4/7/88
No problem OK to sign
RH

20' COMMON DRIVEWAY ENTRANCE PERMIT NO.
7-HO-121-E