

40/1/84  
10/15/84  
10/14/84  
late as possible

W.P.I. - 11/67/84  
LATE PM  
W.P.I. HOUSE CONNECTION

# PERMIT

approval  
3/22/85  
C. Williams

P 34463  
A 27740

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

ELLICOTT CITY

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

(INDEXED)

DISTRICT 5th.

05-383579

DATE 10/15/84

C. C. Cissel IS PERMITTED TO INSTALL X ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, MD 21029 PHONE 854-2006

SUBDIVISION Highland Lakes ROAD 6587 Castlebay Court LOT 72, Sec. 2

PROPERTY OWNER John Finnegan

ADDRESS 5373 Hesperus Drive  
Columbia, Maryland 21044

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 174 sq. ft. per bedroom. Trench to be 2 feet wide. Incl 4 feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 4 feet below original grade. 6 feet of stone below distribution pipe. LOCATION: Start first trench at a point 95 feet from the front lot line and 45 feet from the right (194') lot line as seen when facing the property from Castlebay Court. Run Trench(s) along level ground toward back right corner of lot. 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 before and after gravel is installed. Provide 6" - 9" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY C. Williams DATE 9/2/83

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.

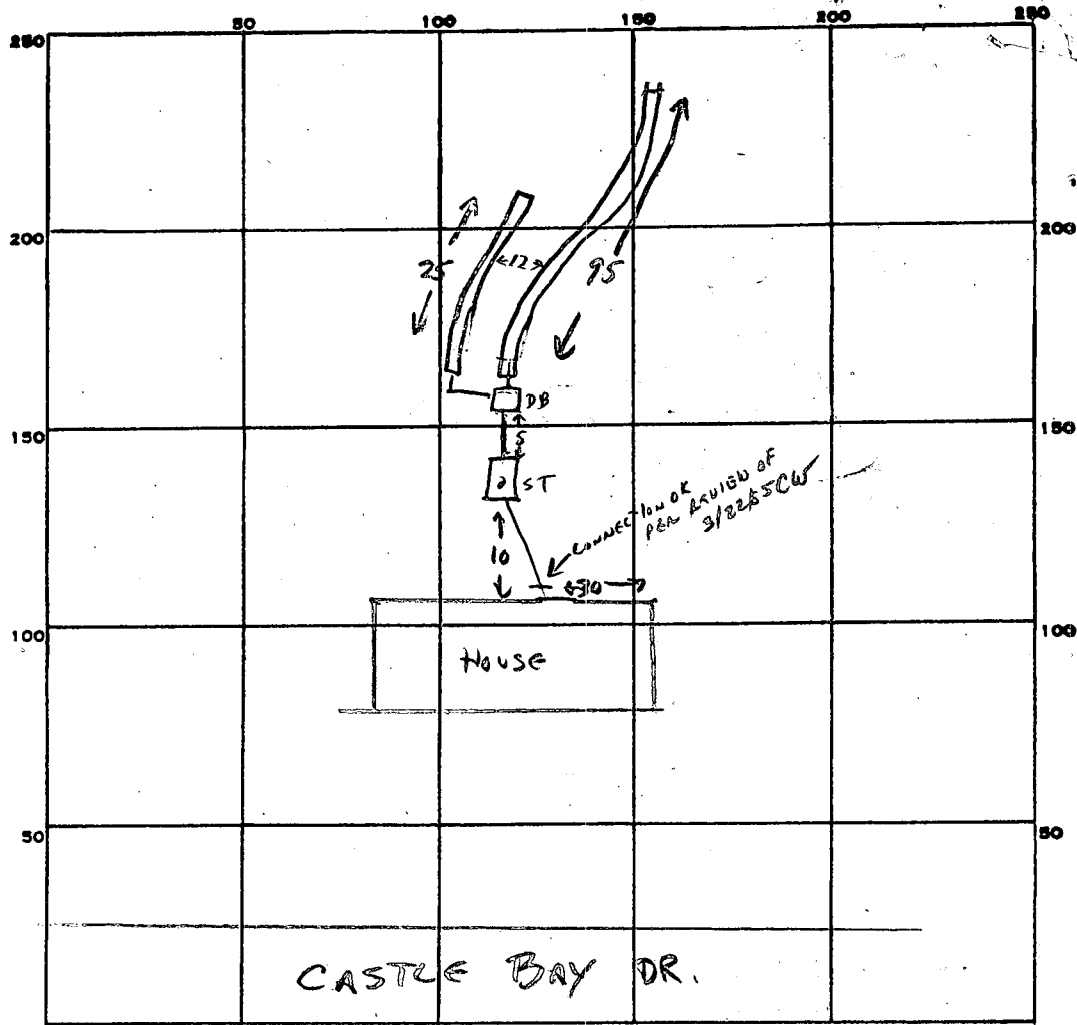
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 27740



PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

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

GRAVEL DEPTH 6 FT IN. TOTAL LENGTH 120 FT.

NUMBER OF TRENCHES 2 (95 + 25) <sup>ONE SIDEWALL</sup> TOTAL BOTTOM AREA 720

SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET — FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS HOUSE CONNECTION TO SEPTIC TANK OK. TRENCHES OK TO ADD GRAVEL. 10/15/84 CW  
OK TO COUGH TRENCHES 10/16/84 CW

11/27/84 No clean out visible - could not do water test for final. J

2/20/85 CLEANOUT VISIBLE, BUT NO ONE HOME WATER IN TANK BUT HOUSE SEWER NOT DUG OPEN RH

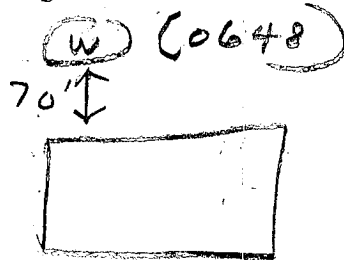
3/22/85 - INSPECTION REPORT OF 10/16/84 INDICATES HOUSE CONNECTION OK EVEN THOUGH NOT SHOWN ON DRAWINGS. DATE SYSTEM APPROVED 3/22/85 INSPECTOR Craig W. [Signature]







Castaway ~~CS~~



11/27/84 Pump, pulley & lines installed 4 ft  
below grade. No work completed inside of

11/28/84 T.C. = Harr's man re. An. to cover outside work, present to  
be installed today F.S.

100 ft from lowest  
13 ft to 70 ft Silt Camp  
indicator  
lot 61

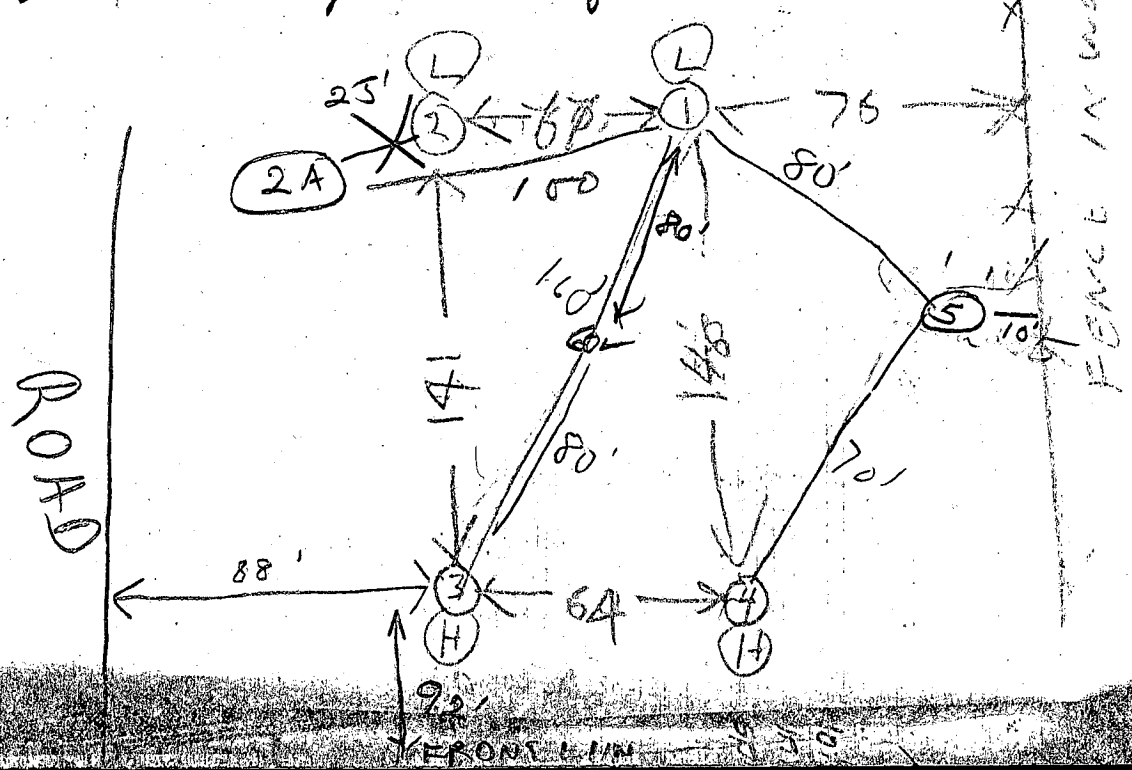
surveys #

# Highland Lake Lot 72

P
A
C
B

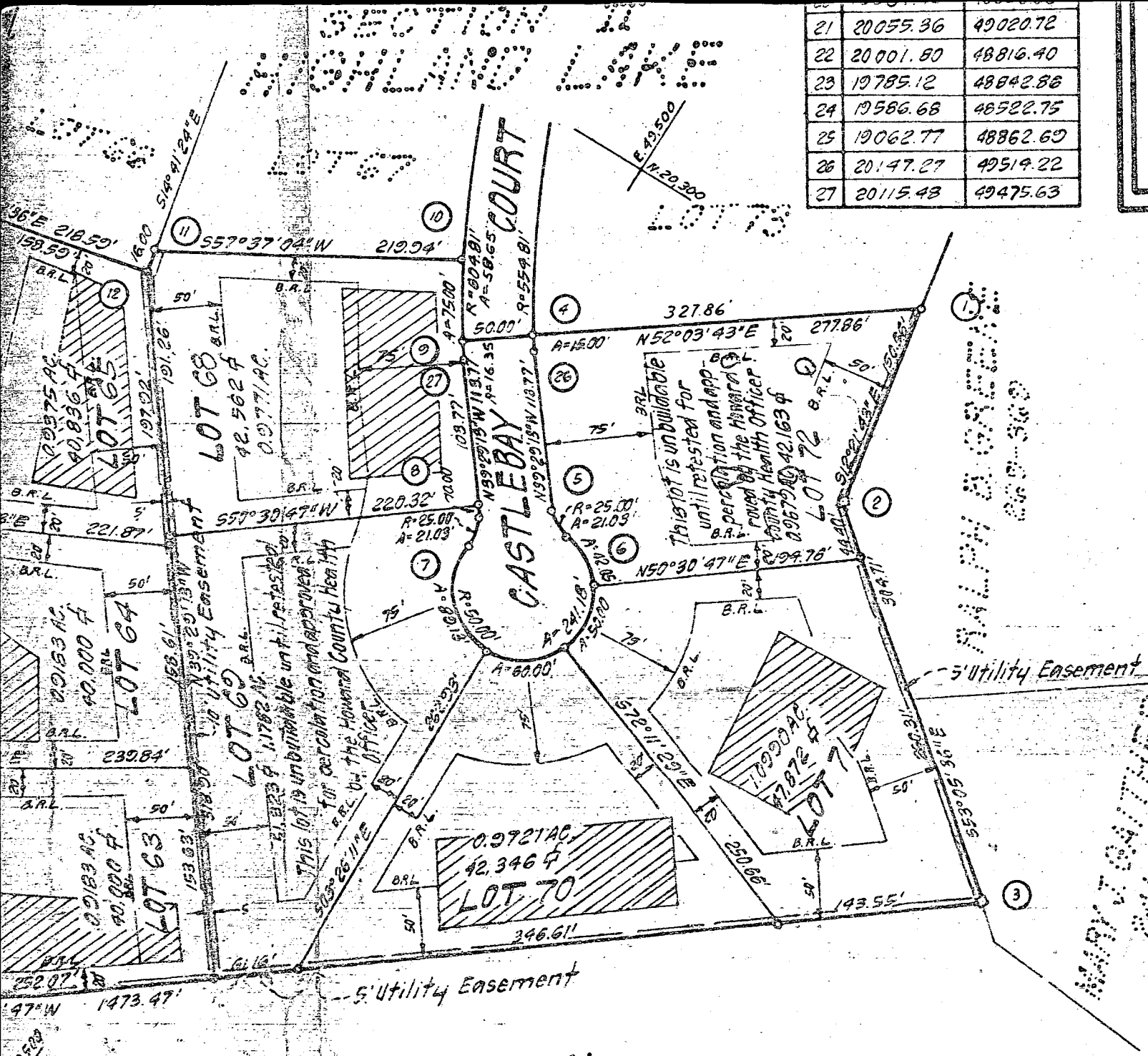
4/18/78	1P	15	119	126	126	146	20
	1S	7 1/2	119	127	127	146	19
	2S	7 1/2	128	205	little pec FAIL		
	2D	15	128	130	130	133	3
	3D	12 1/2	141	143	143	146	3
	3S	5	156	212	212	235	23
	4V	13	TOP BOT	4 FT 9 FT	CLAY SANDY	DRY	
4/18/78	2M	9 1/2	211	236	little pec		

4/28/83	2 SA	7	10:44	faulder	1st mech	
	5 S	5	11:06	clay st		8 min
	6 V	14	11:12	clay		dry



21	20055.36	49020.72
22	20001.80	48816.40
23	19785.12	48842.88
24	19586.68	48522.75
25	19062.77	48862.60
26	20147.27	49519.22
27	20115.48	49475.63

VICINITY  
SCALE: 1"=200'



**FINAL**  
Sec.

Note: No lot grading until pond meets our specifications for St

RECORDED PLAT 38  
ON 10-18 1977

OF MARY

B 1 0244

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

NO-81-0648

fill in this form completely

Date Received

062789

OWNER INFORMATION

FINNEGAN JOHN

5373 HESPERUS DRIVE

COLUMBIA MD 21044

B 3

LOCATION OF WELL

HOWARD COUNTY

HIGHLAND LAKES

SECTION 2 LOT 72

HIGHLAND

MILES FROM TOWN 1 MI

DRILLER INFORMATION

Sandy B. Cochran 1129

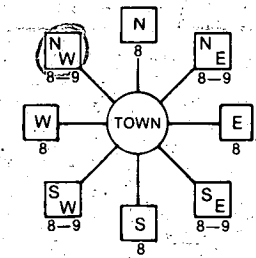
G. EDGAR HARR SONS CORP.

12047 FALLS RD. COCKEYSVILLE 21035

Sandy B. Cochran 6-22-84

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



CASTLE BAY CT. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



20 20 DISTANCE FROM ROAD ENTER FT or MI FT

B 2

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME
OEP SIGNATURE
DATE ISSUED 072389
CO SIGNATURE
NORTH GRID 793000 EAST GRID 811000

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

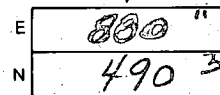
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEMED AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

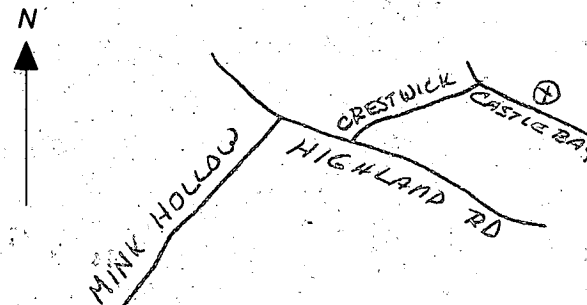
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



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



Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER GAP

FORCE 99 WRITE INITIALS IN BOX PERMIT No. NO-81-0648

SPECIAL CONDITIONS

730-4793

# APPLICATION

A 27740  
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 3/30/78

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 J. T. Barnes of Washington, D.C., Inc. & D. Grunberg

ADDRESS 152 New Mark Esplanade, Rockville, Md. PHONE 340-8979

PROPERTY LOCATION: John P. Finnegan  
5373 Hesperus Drive  
Columbia, Md 21044

SUBDIVISION Highland Lake LOT NO. 72, Sec. 2

6587  
ROAD AND DESCRIPTION Castlebay Lane

SIZE OF LOT 40000 sq. ft. TYPE BLDG. 3 or 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 /s/ Walter Bucher

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

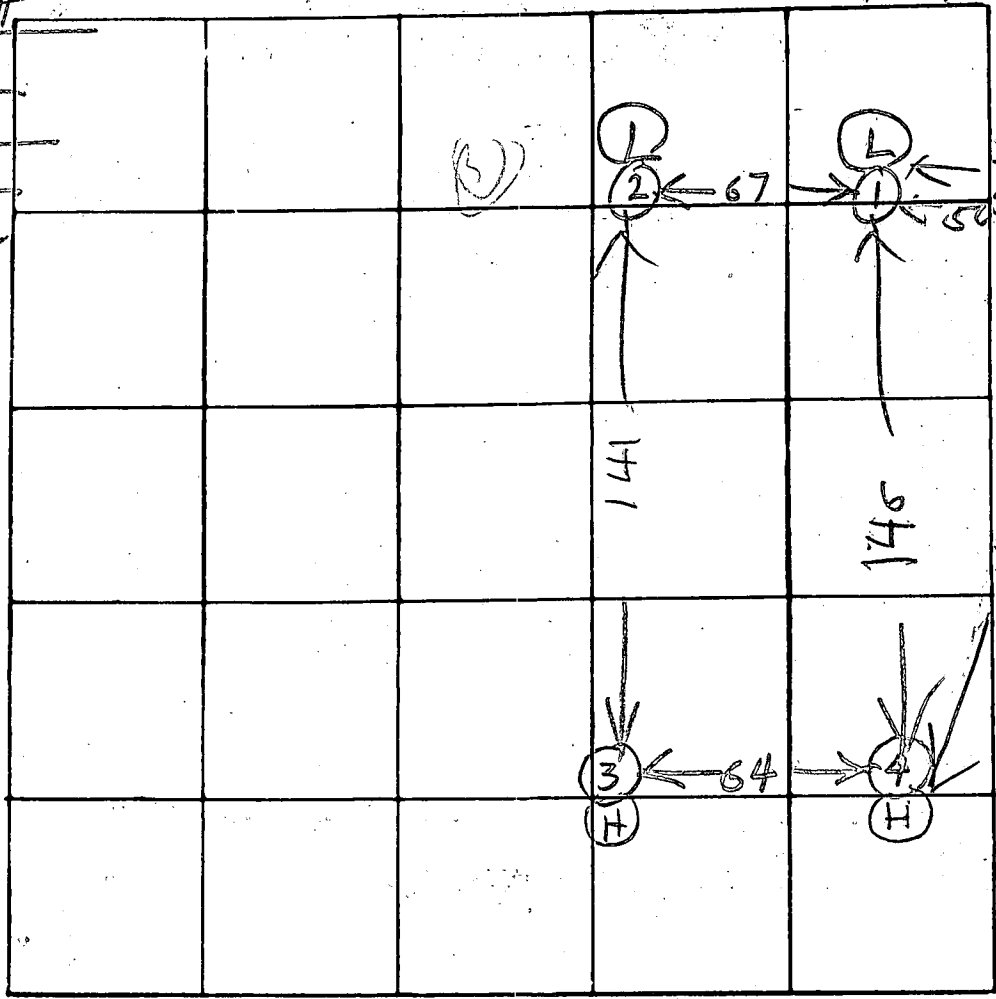
REASONS FOR REJECTION OR HOLDING 4/12/78 DIG MORE RH 4/21/78 PERC

OK HOLD FOR PLAT RH

BLDG. PERMIT SIGNED  
AND RETURNED 8/14/84  
Serial # 60475 SFD.

# THIS IS NOT A PERMIT

SURV STOR #	RH #
C	1
D	2
A	3
B	4
NUM	5



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

FENCE AT EDGE OF FLOOR

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/18/78	1D	15	119	126	126	146	20
	1S	7 1/2	119	127	127	146	19
	2S	7 1/2	128	205	little perc		11
	2D	15	128	130	130	133	3
	2M	8 1/2	211	236	little perc		
	3D	12 1/2	141	143	143	146	3
	3S	5	156	212	212	235	23
4/18/78	4V	13	TOP	4F7 CLAY			
			BOT	9F7 SANDY PR7			
4/20/78	5D	15	345	352	352	400	9
" "	5S	7	345	400	little perc		
4/21/78	5M	8	1048	1100	1100	1120	20

16 C  
88  
128 C  
280  
408 C  
7000

REMARKS CERTIFY HOLE

TYPE OF SOIL

TESTED BY R. HODGES 4/19/78, 4/20/78, 4/21/78

ALSO PRESENT: O. KETTERMAN 4/21/78, 4/18/78, 4/20/78

# APPLICATION

Final #72

A 20255

*Preliminary*

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

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 6/27/74

*figure to be used*

75

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 J.T. Barnes of Washington, D.C. Inc. & D. Grunberg

ADDRESS 152 New Park Esplanade, Rockville, Md. PHONE 340-8979

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 166-Phase 4 ? OK

ROAD AND DESCRIPTION Castlebay Lane ~~52-55A~~

SIZE OF LOT 40000 sq + TYPE BLDG. 3,4  
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 *Paul J. ...*

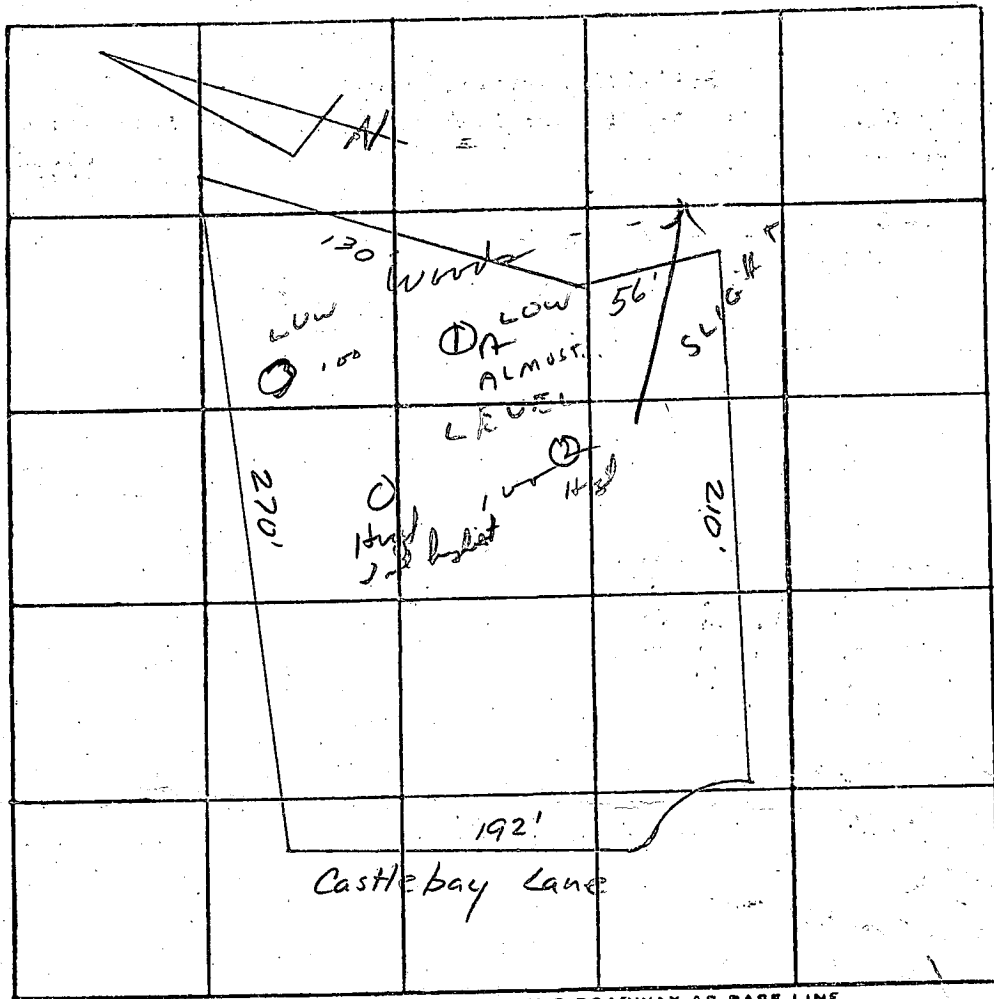
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/31/74	1	12 ft.	2 <sup>20</sup>	—	—	2 <sup>23</sup>	3 min
	1A	4 ft.	2 <sup>20</sup>	—	—	2 <sup>24</sup>	4 min
	2	11 1/2 ft.	hard	—	—	—	—
	3	11 ft.	hard	—	—	—	—
	4	4 ft.	2 <sup>24</sup>	3 <sup>38</sup>	2 <sup>33</sup>	3 <sup>01</sup>	28 min
	5	12 ft.	2 <sup>24</sup>	—	—	2 <sup>28</sup>	4 min
	5	Better at 5 1/2 ft.	—	—	—	4	39

Sand

Unleak

10 min

REMARKS

R.1 Vol No. 2

TYPE OF SOIL

TESTED BY

ALSO PRESENT:



WELL PUMP INSPECTION

Owner's Name:

John Finnigan

Address:

5373 Herpokus Dr  
Columbo Md 21045

Location of Property:

6587 Cassel Bay Ct L.T. #12 Highland Lakes

Plumber:

Sandy Cochran

Phone Number:

252-4583

License Number:

120

Receipt Number:

34619

Date:

11/27/84

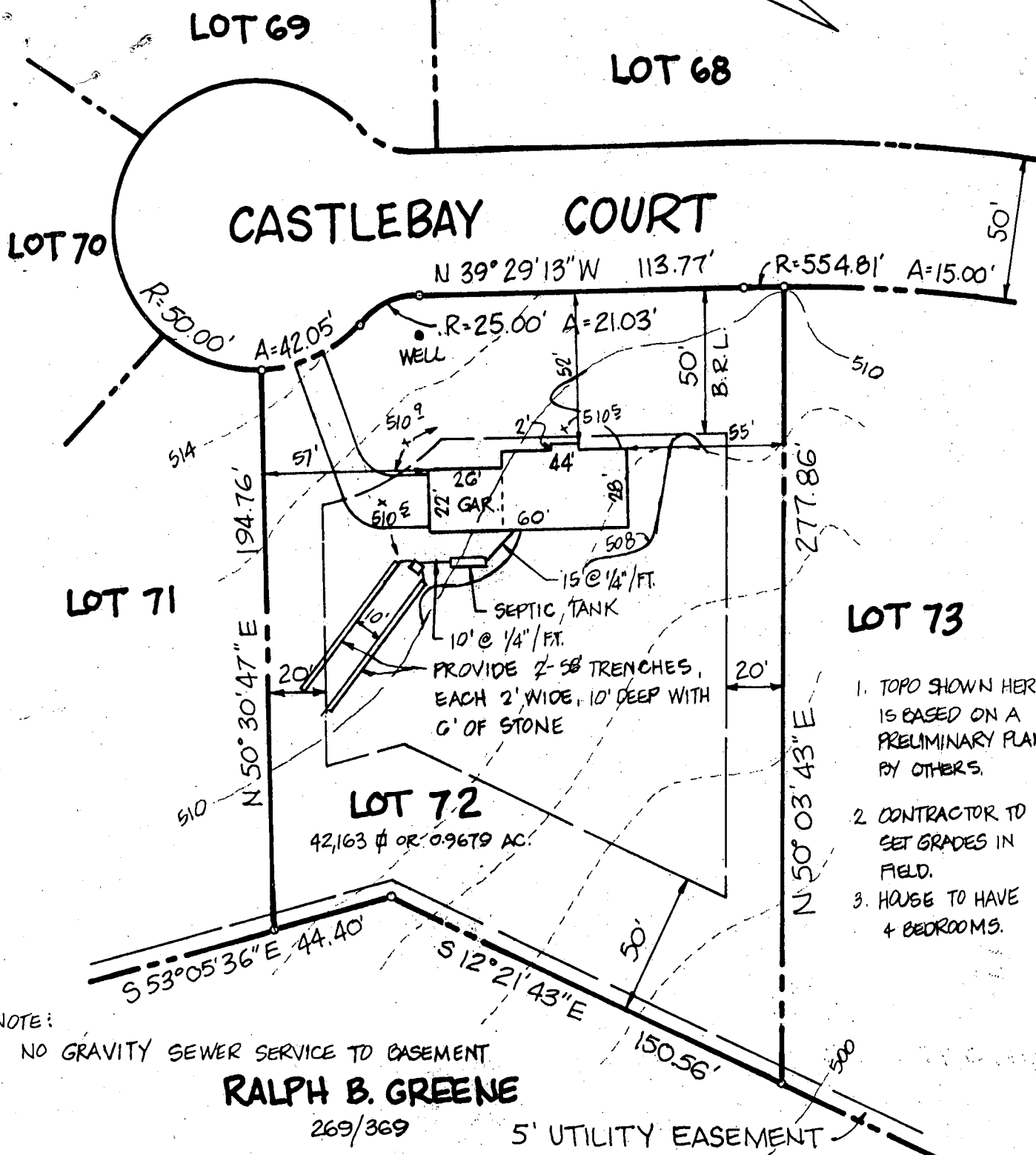
Comments:

OK to proceed L. Lammert 11-27-84.

Inspection:

Date Well Pump Inspection was approved:

Inspector:



1. TOPO SHOWN HEREON IS BASED ON A PRELIMINARY PLAN BY OTHERS.
2. CONTRACTOR TO SET GRADES IN FIELD.
3. HOUSE TO HAVE 4 BEDROOMS.

**NOTE:**

NO GRAVITY SEWER SERVICE TO BASEMENT

**RALPH B. GREENE**

269/369

5' UTILITY EASEMENT

HOUSE:	SEPTIC TANK	DISTRIBUTION BOX	WELL
F.F. EL. = 512.0	EX. GR. = 510.0	EX. GR. = 510.5	EX. GR. = 513.0
BSMT. EL. = 503.7	FIN. GR. = 510.3	FIN. GR. = 510.2	FIN. GR. = 513.0
INV. OUT = 507.32	INV. IN. = 507.01	INV. IN. = 506.5	
GAR. = 511.0	INV. OUT = 506.71		

*Elevations of  
8/14/84/cw*

PLAT REFERENCE: HIGHLAND LAKE - SECT. 2 - PLAT 3876

<b>TITLE</b> <b>GRADING STUDY</b>					THIS IS TO CERTIFY THAT WE HAVE CONDUCTED A LOCATION SURVEY OF THE IMPROVEMENTS AND THAT THEY ARE LOCATED AS SHOWN HEREON.
<b>PROJECT</b> <b>HIGHLAND LAKE - SECT. 2 - LOT 72</b>					
<b>LOCATION</b> 5 <sup>TH</sup> ELECTION DISTRICT, HOWARD CO., MD.					SIGNATURE
					REG. NO. _____ DATE _____
FIELD BOOK	PAGE NO.	DRAWN BY: S.D.K.	CHECKED BY	DATE: JUNE 1984	<b>boender associates</b> inc. consulting engineers land surveyors land planners 3565 ELLICOTT MILLS DR. • ELLICOTT CITY, MD. 21043 (301) 485-7777
SCALE: 1" = 50'		JOB NO.: 8272			
THE INFORMATION ON THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS INDICATED HEREON ARE CONTAINED WITHIN THE CONFINES OF THE LOT UPON WHICH THEY ARE ERCTED. THIS PLAT IS NOT TO BE CONSTRUED AS, OR USED FOR THE ESTABLISHMENT OF PROPERTY LINES.					

*INLET 4' B.O.G.*