

9-10-85  
(AM)

9-11-85

approved

S. Abel P35970

# PERMIT

A 31572

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

05-392691

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 9/9/85

Bill Belbar Company IS PERMITTED TO INSTALL  ALTER

ADDRESS 802 Suburbia Road, reisterstown, MD PHONE

SUBDIVISION LaIsle ROAD 6644 Corina Court LOT 8

PROPERTY OWNER Peter Hooper

ADDRESS

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

TRENCHES - 158 sq. ft. per bedroom. Trench to be maximum 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 3 feet below original grade. 1 1/2 feet of stone below distribution pipe. LOCATION: Start the first trench 265 feet from the front (140') lot line and 65 feet from the left lot line as seen when facing the property from Corina Court. Run trench(s) along level ground toward left side of property. 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 gravel is installed. Provide 6' - 8" diameter cleanout and cap to grade or above on septic tank.

ch/SA

PLANS APPROVED BY C. Williams DATE 11/07/83

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.

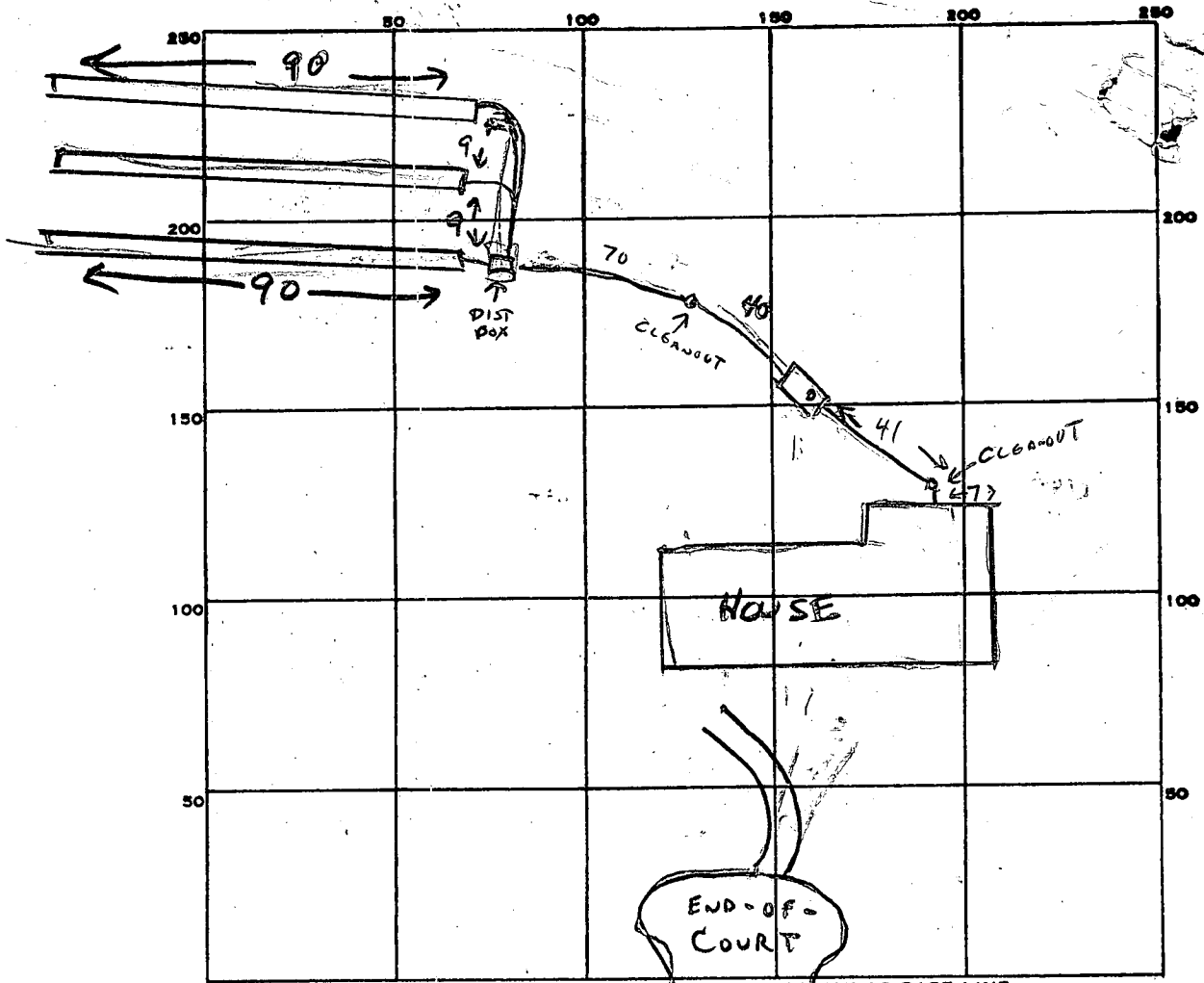
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

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

EH - 2-1082

A 31572



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL 1500g

CLEANOUTS 150 / AT HOUSE / BETWEEN ST & DB

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 4 1/2 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 270 FT.

NUMBER OF TRENCHES 3 (90+90+90) TOTAL BOTTOM AREA 710

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

ABSORBENT AREA 710 SQ. FT.

REMARKS 9/10/85 THREE TRENCHES & TANK IN PLACE. FINISH HOOKUPS & CALL FOR INSP. CW  
9/11/85 HOOKUPS IN PLACE BUT NOT YET CEMENTED. CW

DATE SYSTEM APPROVED 9-11-85

INSPECTOR S. Abel

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A 31572  
P \_\_\_\_\_

DISTRICT 5th  
DATE 8/14/81

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*PETER HOOPER*

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Francisco Guzman Applicant: Greenhorne & O'Mara, Inc.  
6715 Kenilworth Ave., Riverdale, MD  
ADDRESS 10959 Swansfield Road, Columbia, MD 21044 PHONE John Sakai 277-2121 x 177 20840

PROPERTY LOCATION:

SUBDIVISION La Isla 4444  
5244 CORINA CT. LOT NO. 8

ROAD AND DESCRIPTION Cedar Lane 1,000 Ft. North of Intersection W/Rte. 32

SIZE OF LOT 3+ acre TYPE BLDG. Single Family Dwelling  
4 bedrooms  
(NUMBER OF BEDROOMS)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

APPROVED BY Frank Shinn FOR tile field DATE 11/7/83  
(SIGNATURE OF APPLICANT)

REJECTED BY C.B. Streaker FOR any system in area tested DATE 8/28/81

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

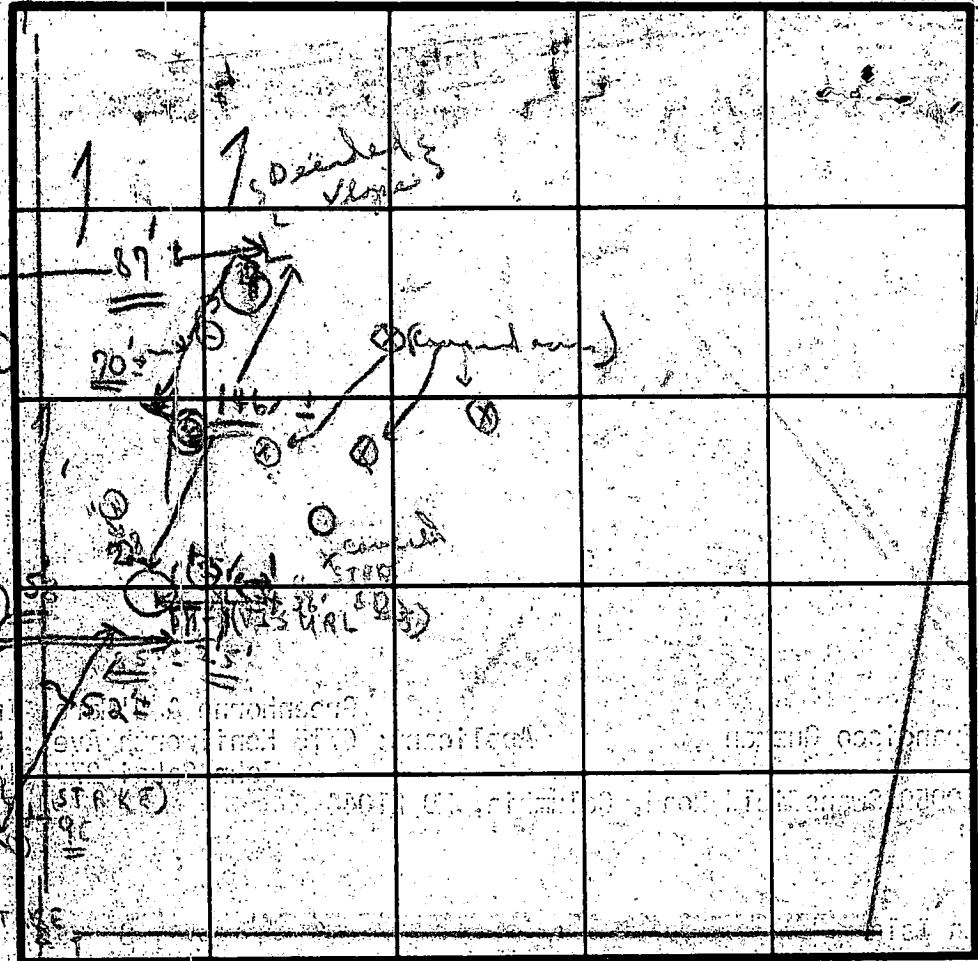
REASONS FOR REJECTION OR HOLDING Condition - rock and fast perc.  
Keep all water wells 150 ft from revised resolution  
area. Hold for retest.  
C.B.S. O.P. # 61793

BLDG. PERMIT SIGNED AND RETURNED 11-29-84

# THIS IS NOT A PERMIT

# 8

SOIL PROFILE



FIELD SHEET  
TESTS  
NEAR  
ORIGINAL STAKE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
1-2' LOAM  
2-3' CLAY  
3-4' CLAY  
4-5' CLAY  
6-7' LOAM  
7-8' SAND  
8-9' CLAY  
9-10' LOAM  
10-11' CLAY  
11-12' LOAM  
12-13' SAND

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
1/1/51	81	3'	2:02	2:03	2:03	2:06	
	81	12'					(LOAM SIMILAR TO SHELF)
	82	12 1/2'	1:18	1:19	1:19	1:20	20/min
	82	3 1/4'					(LOAM SIMILAR TO SHELF)
	83	4'	1:37	1:39	1:39	1:51	12 min
	83	12 1/2'					(LOAM SIMILAR TO SHELF)
	84	4'	1:45	1:46	1:46	1:47	
	84	12'					LOAM SIMILAR TO SHELF
	85	11 1/2'					SIMILAR TO OTHERS BELOW CLAY CONSIST ONE
	86	12'					ESSENTIAL SANDSTONE ROCK 4' 10" THEN LOAM

Shallow  
3 1/2' 5 1/2'  
0.5' clay  
NE  
6'  
SPT

REMARKS: NOTE TESTS IN WOODS (HOLES READY TO TEST TIME EXCEPT THESE IN DIFFERENT AREA THEN ORIGINAL)

TYPE OF SOIL \_\_\_\_\_  
TESTED BY C. B. C. ALSO PRESENT JOHN ENGINEER  
PHILIP ENGINEER

EH-121078

*Permit*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A 31572

P \_\_\_\_\_

DISTRICT 5th

DATE 8/14/81

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 Francisco Guzman Applicant: Greenhorne & O'Mara, Inc.  
6715 Kenilworth Ave., Riverdale, MD  
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ROAD AND DESCRIPTION Cedar Lane 1,000 Ft. North of Intersection W/Rte. 32

SIZE OF LOT 3+ acre TYPE BLDG. Single Family Dwelling  
4 bedrooms  
(NUMBER OF BEDROOMS)

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(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY C.B. Streaker FOR any system in area tested DATE 8/28/81

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

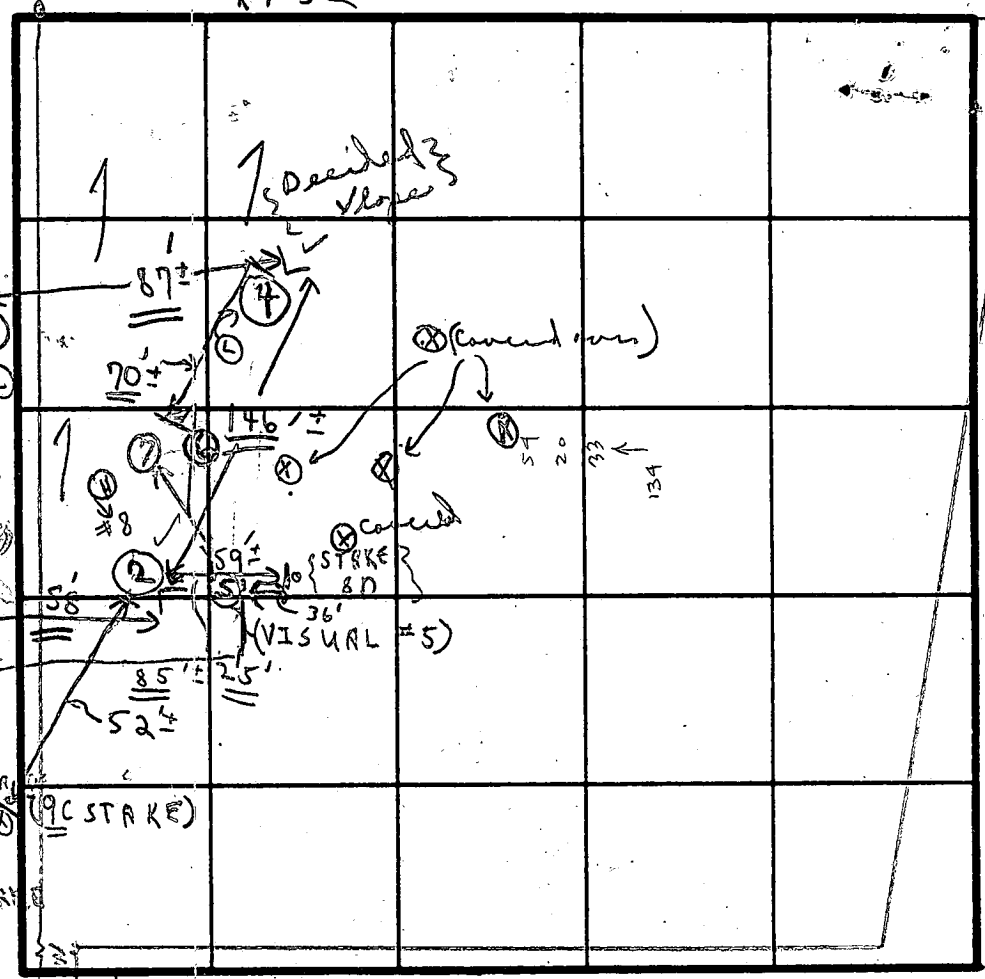
REASONS FOR REJECTION OR HOLDING hardstone rock, which found near  
C.B.S.

## THIS IS NOT A PERMIT

RT 32

# 8

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

FIELD SHEET  
TESTS NEAR  
ORIGINAL STAKE

SOIL PROFILE

SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1' - 2 1/2'	8/27/81	LOT # 8 # 1 s	3'	2:02	2:03	2:03	2:06	3m
2 1/2' - 7' LOAM 2 1/2' SANDSTONE	12/8	8 # 1 d	12' 1/2'	(LOAM - SIMILAR TO SHELF)				
1' - 3 1/2' CLAY		8 # 2 s	3 1/2'	1:18	1:19	1:19	1:20	1min
3' - 12' (LOAM - SOME SANDSTONE)		8 # 2 d	12'	(LOAM - SIMILAR TO SHELF)				
11' - 4 1/2' CLAY		8 # 3 s	4'	1:39	1:39	1:39	1:51	12m
4 1/2' to 12' (LOAM to SANDSTONE @ 8')		8 # 3 d	12 1/2'	(LOAM - SIMILAR TO SHELF)				
1' - 3 1/2' CLAY		8 # 4 c	4'	1:45	1:46	1:46	1:47	1m
4' - 12' LOAM		8 # 4 d	12'	1 LOAM - SIMILAR TO SHELF				
1' - 3 1/2' CLAY 3 1/2' - 7' LOAM 7' - 11 1/2' SANDSTONE		8 # 5	11 1/2'	SIMILAR TO OTHERS BELOW CLAY LOAM + SOME SANDSTONE				
1' - 3' clay 4' - 12' LOAM + SANDSTONE		8 # 6	12'	VISUAL LOAM + SANDSTONE		ROCK 4" 10" THEN LOAM TO 12'		

REMARKS  
\* HOLD + DISCUSS #6 WITH MR. SKINNER  
{ NOTE TESTS IN WOODS - TESTS IN DIFFERENT AREA THEN ORIGINAL

TYPE OF SOIL  
TESTED BY C.B.D.

ALSO PRESENT  
TOWN OF ENGINEER  
{ PHIL BRADFORD + BSST.

Ref approved: 3 Wals  
(?) shallow  
Trench  
3 1/2' - 1 1/2'  
only  
C.B.D.  
{ NEAR 80 STAKE }

4  
4/17 + next page  
#5 CLOSEST TO 80 STAKE

EH-12-1079

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 - ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A \_\_\_\_\_

P \_\_\_\_\_

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION La Isla LOT NO. #8

ROAD AND DESCRIPTION \_\_\_\_\_

SIZE OF LOT 3+ ACRES TYPE BLDG. \_\_\_\_\_

(NUMBER OF BEDROOMS)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 7/2/81 @ Request of Mr. Skinner - do more tests.

## THIS IS NOT A PERMIT

8  
TESTS  
SOIL PROFILE

Q

SOIL PROFILE


FIELD SHEET

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
//		/					
		/					
		/					
		/					
		/					
		/					
		/					
		/					
		/					
		/					

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

EH-12-1079

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A: \_\_\_\_\_  
P: \_\_\_\_\_  
DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_

PROPERTY LOCATION: \_\_\_\_\_

SUBDIVISION \_\_\_\_\_

LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_

TYPE BLDG. \_\_\_\_\_

(NUMBER OF BEDROOMS) \_\_\_\_\_

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\_\_\_\_\_  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_

FOR \_\_\_\_\_

DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_

FOR \_\_\_\_\_

DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS: \_\_\_\_\_

DATE \_\_\_\_\_

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

## THIS IS NOT A PERMIT

#8  
RETESTS  
SOIL PROFILE


*(See attached)*

FIELD SHEET

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
	///		/	:	:	:	:	
			/	:	:	:	:	
			/	:	:	:	:	
			/	:	:	:	:	
			/	:	:	:	:	
			/	:	:	:	:	
			/	:	:	:	:	
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			/	:	:	:	:	
			/	:	:	:	:	
			/	:	:	:	:	
			/	:	:	:	:	
			/	:	:	:	:	

*See attached F.S. & C. B.S.*

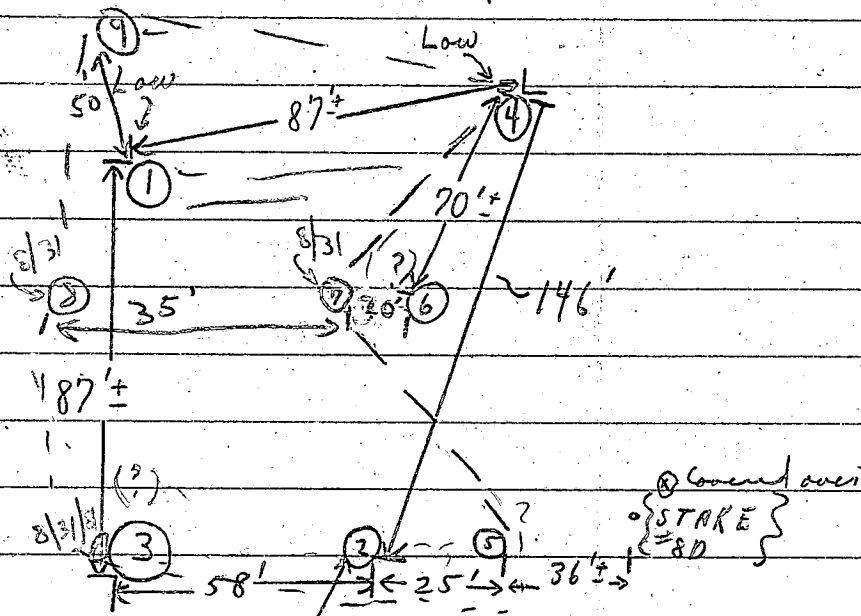
REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

EH-12-1079

(#8 Field Shot)

1  
Decided  
Stops

Office  
{ Reaccomplished A.M. }  
2 September 1981  
PERCOLATION AREA



52'±  
{ STAKE #9C }  
COVERED OVER  
AFTER CHECK  
1' ROCK

(#8 LOT)  
9/2/81 P.M.

SOIL PROFILE	1 <sup>st</sup> Shot	2 <sup>nd</sup> Shot	3 <sup>rd</sup> Shot	Notes
2' CLAY	3:23	←→	3:24	1/2 in / 2
8'-4" 8 M	3:38	←→	3:39	1/2 in / "
1'-4' CLAY	8 1/2 Beside #3 Hole dug out 4:09 - 4:11 - 4:13			2 in
4'-8 1/2	Visual loam			F.S.
1'-3' CLAY				F.S.
2'-2' LOAM				+C.B.D.

3 = 3  
4 = 17  
7 20 3

$$\begin{array}{r} 87 \\ 146 \\ \hline 233 \end{array}$$

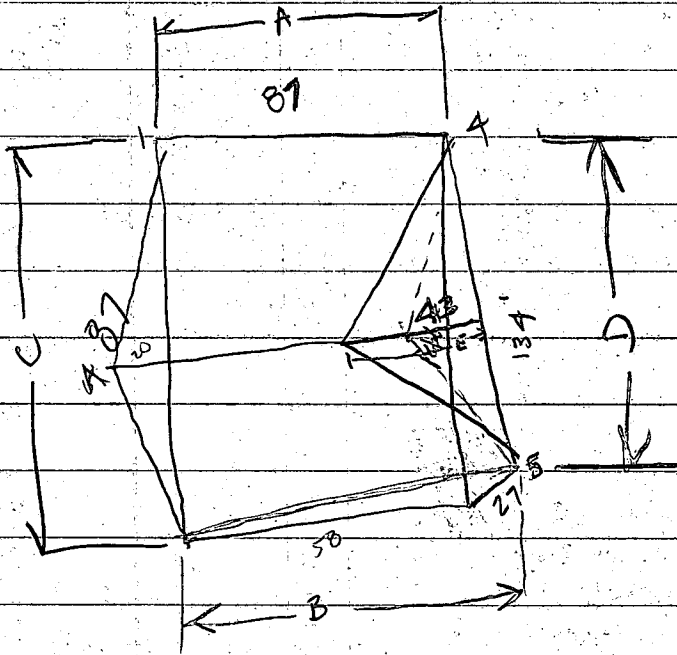
$$\frac{45}{2000}$$

$$\begin{array}{r} 42 \\ 220 \\ \hline 650 \end{array}$$

$$\begin{array}{r} 73 \\ 30 \\ \hline 2130 \end{array}$$

$$\begin{array}{r} 116 \\ 86 \\ \hline 696 \\ 10286 \\ \hline 10976 \end{array}$$

221



$$\begin{array}{r} 12 \\ 43 \\ \hline 38 \\ 610 \end{array}$$

$$\frac{A+B}{2} =$$

$$\frac{C+D}{2} =$$

$$\frac{87+85}{2} = 86$$

$$\frac{134+87}{2} = 110$$

$$\begin{array}{r} 110 \\ 86 \\ \hline 660 \\ 880 \\ \hline 940 \end{array}$$

$$\begin{array}{r} 67 \\ 43 \\ \hline 201 \\ 268 \\ \hline 2681 \end{array}$$

$$\left( \frac{A+B}{2} \times \frac{C+D}{2} \right) =$$

$$86 \times 110 = \begin{array}{r} 2460 \\ 2880 \\ \hline 6580 \\ + 880 \\ \hline 7460 \\ 616 \\ \hline 8076 \end{array}$$

$$\frac{A}{2} \times B = 67 \times 43$$



B 1 8024 SEQUENCE NO. (OEP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL  
please print or type

OEP PERMIT NUMBER  
HO-81-0490  
fill in this form completely

Date Received: 4/13/84 9:30  
OWNER INFORMATION  
Hooper Peter  
8993 BLUE POOL  
COLUMBIA MD 21045

LOCATION OF WELL  
HOWARD  
LA ISLA  
SECTION 8 LOT 8  
SIMPSONVILLE  
MILES FROM TOWN 10 MI

DRILLER INFORMATION  
Joseph L. Mayne  
5512 Ridge RD. Mt. Airy MD. 21771  
3/23/84

CORONA COURT  
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD 237 FT

WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.): 5  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
HOWARD A31572  
COUNTY NAME COUNTY NO.  
OEP SIGNATURE STATE HEALTH INSERT S  
DATE ISSUED 04/11/84 Frank Sherrin 10/11/84  
NORTH GRID 493000 EAST GRID 0831000

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)

APPROXIMATE DEPTH OF WELL 220 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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. Well  
2. 22' - casing  
3. 18' - open  
4. 5' - bag cement  
WRITE THE BOX NUMBER FROM THE MAP HERE  
830  
4903

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 DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
Sketch showing location of well in relation to Cedar Lane, Coriact, and Simpsonville, MD 32.

Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER GAP  
FORCE FS WRITE INITIALS IN BOX PERMIT No. HO-81-0490

SPECIAL CONDITIONS



C1 3389 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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 31572

DATE Received DATE WELL COMPLETED 04/3/84

Depth of Well 2283 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-81-0490

OWNER Hooper Peter last name first name STREET OR RFD Corina Ct. TOWN Simpsonville SUBDIVISION La Isla SECTION LOT 8

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Brown Shale and Gray mica rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 5, NO. OF POUNDS 410, GALLONS OF WATER 30, DEPTH OF GROUT SEAL 18 ft.

CASING RECORD: MAIN CASING TYPE ST, Nominal diameter 6, Total depth of main casing 22, OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD: screen type or open hole insert appropriate code below, options: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

Table for screen depth with columns for depth (nearest ft.) and rows for each screen section.

A CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

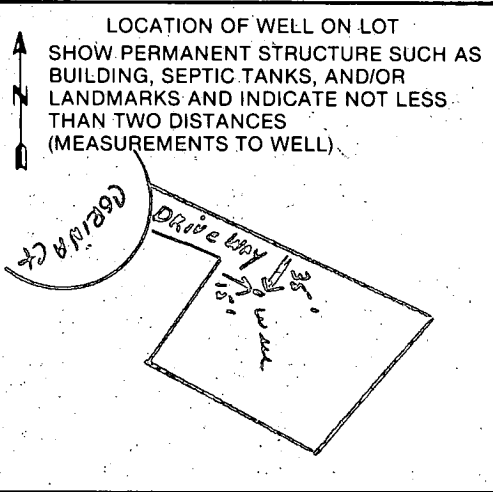
SLOT SIZE 1 2 3, DIAMETER OF SCREEN (NEAREST INCH) 56 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

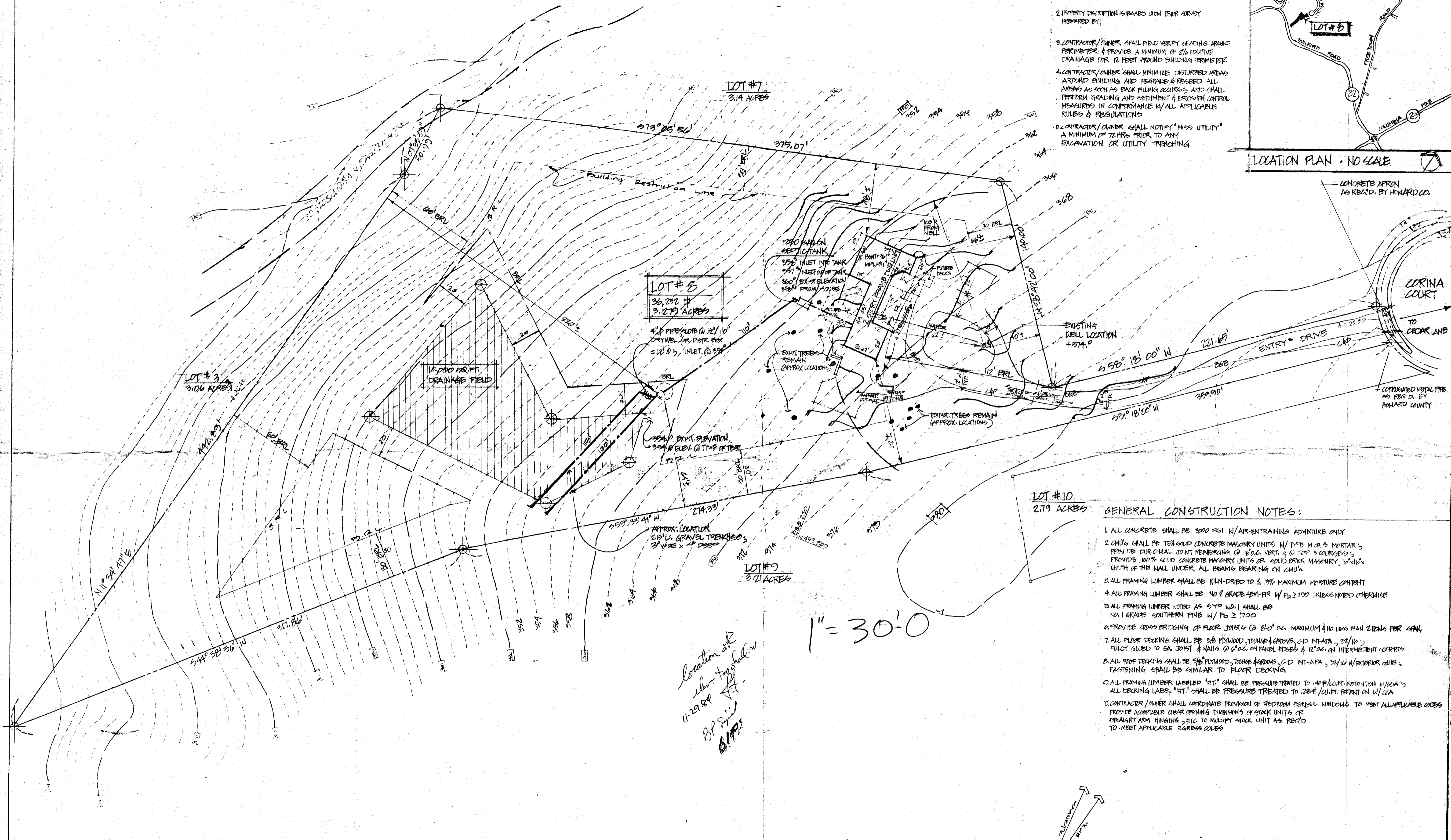
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), WQ (74 75 76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 6, METHOD USED TO MEASURE PUMPING RATE bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 30, WHEN PUMPING 138, TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (circle appropriate box and enter casing height) + above, LAND SURFACE 2 (nearest foot)

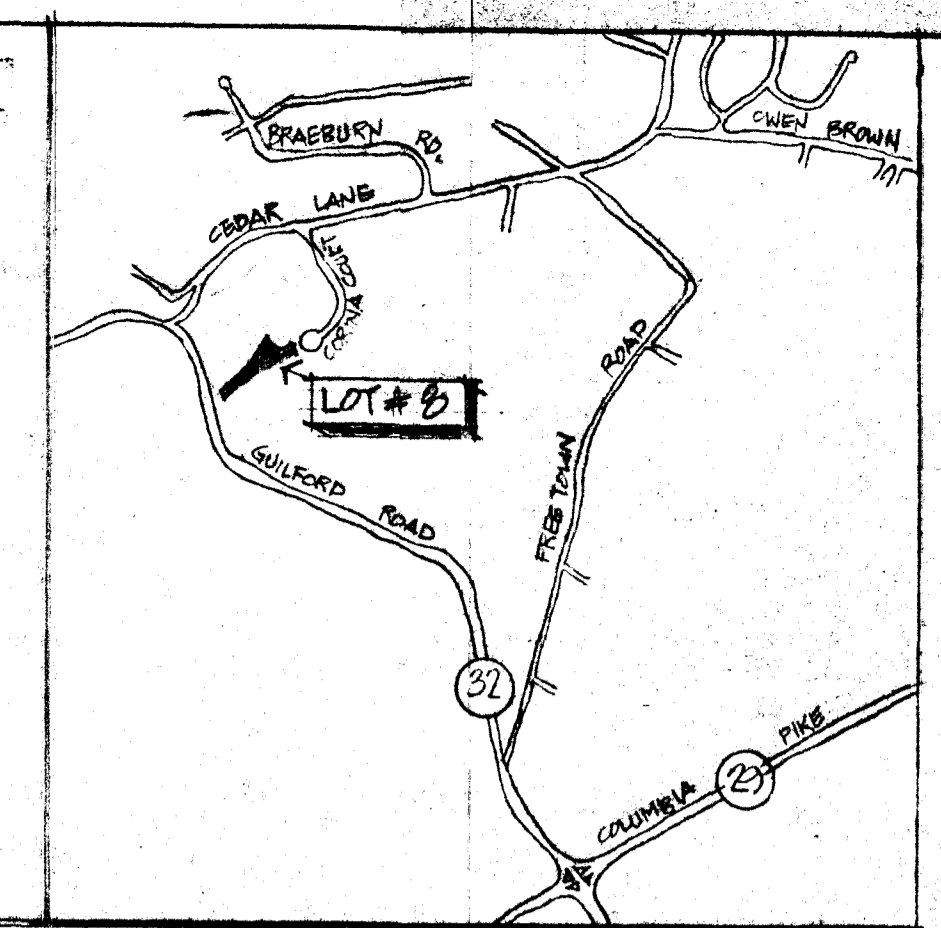






**SITE NOTES:**

1. LOCATION OF CEPTIC RESERVATION (TANK) LINES AND TERNINITY ARE APPROXIMATE AS BASE UPON TEST CONDUCTED BY:
2. PROPERTY DESCRIPTION IS BASED UPON REAR SURVEY PREPARED BY:
3. CONTRACTOR/OWNER SHALL FIELD VERIFY OF STAINING AROUND PERIMETER & PROVIDE A MINIMUM OF 2% POSITIVE DRAINAGE PER 12 FEET AROUND BUILDING PERIMETER
4. CONTRACTOR/OWNER SHALL MINIMIZE DISTURBED AREAS AROUND BUILDING AND REGRADE & RESEED ALL AREAS AS SOON AS BACK FILLING OCCURS AND SHALL PROVIDE GRADING AND SEDIMENT & EROSION CONTROL MEASURES IN CONFORMANCE W/ ALL APPLICABLE RULES & REGULATIONS
5. CONTRACTOR/OWNER SHALL NOTIFY "MISS UTILITY" A MINIMUM OF 72 HRS PRIOR TO ANY EXCAVATION OR UTILITY TRENCHING



**SITE PLAN** 1" = 30'

**ZONING :** RURAL  
**FRONT ERL :** 112' RADIUS  
**SIDE ERL'S :** 30'  
**REAR ERL :** 60'

**LOT # 5**  
 36,282 SF  
 0.829 ACRES

**LOT # 7**  
 3,14 ACRES

**LOT # 3**  
 3,106 ACRES

**LOT # 10**  
 2,719 ACRES

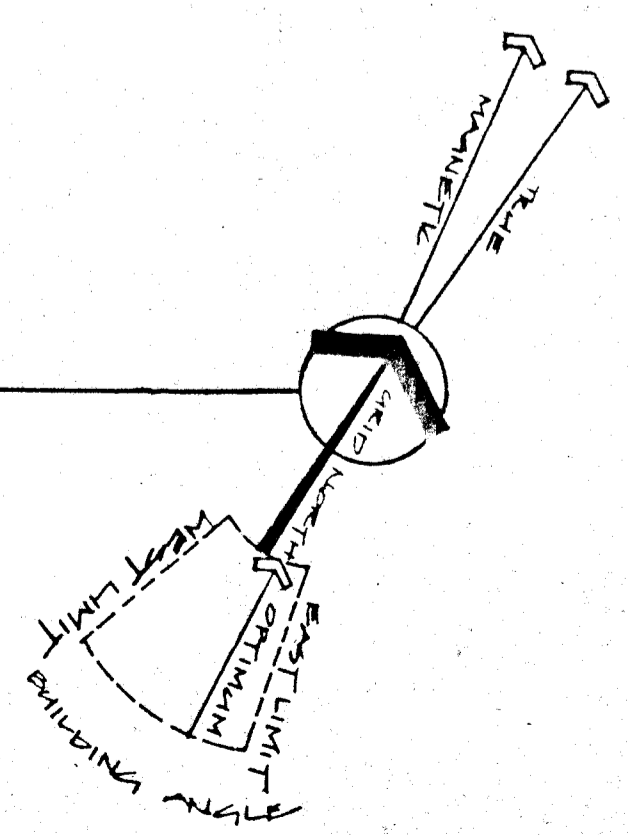
**LOT # 9**  
 3,212 ACRES

**GENERAL CONSTRUCTION NOTES:**

1. ALL CONCRETE SHALL BE 3000 PSI W/ AIR-ENTRAINING ADMIXTURE ONLY
2. CMU'S SHALL BE 10% SOLID CONCRETE MASONRY UNITS W/ TYPE M OR S MORTAR. PROVIDE PURCHASAL JOINT REINFORCING @ 16" O.C. VERT. & @ TOP 3 COURSES. PROVIDE 10% SOLID CONCRETE MASONRY UNITS OR SOLID BRICK MASONRY, 16" X 16" WIDTH OF THE WALL UNDER ALL BEAMS BEARING ON CMU'S
3. ALL FRAMING LUMBER SHALL BE KILN-DRIED TO 5% MAXIMUM MOISTURE CONTENT
4. ALL FRAMING LUMBER SHALL BE NO. 2 GRADE HEM-FIR W/ FB 2100 UNLESS NOTED OTHERWISE
5. ALL FRAMING LUMBER NOTED AS SYP NO. 1 SHALL BE NO. 1 GRADE SOUTHERN PINE W/ FB 2,700
6. PROVIDE CROSS BRIDGING OF FLOOR JOISTS @ 8'-0" O.C. MAXIMUM & NO LESS THAN 2 BEAMS PER SPAN
7. ALL FLOOR DECKING SHALL BE 5/8" PLYWOOD, TRUNGED & GROUVED, CD INT-AFA, 3/4" @ 16" FULLY GULDED TO EA JOIST & NAILS @ 6" O.C. ON PANEL EDGES & 12" O.C. ON INTERMEDIATE SUPPORTS
8. ALL ROOF DECKING SHALL BE 5/8" PLYWOOD, TRUNGED & GROUVED, CD INT-AFA, 3/4" @ 16" W/ EXTERIOR GULDS. FASTENING SHALL BE SIMILAR TO FLOOR DECKING
9. ALL FRAMING LUMBER LABELED "PT." SHALL BE PRESSURE TREATED TO .40# CU.FT. RETENTION W/CCA. ALL DECKING LABELED "PT." SHALL BE PRESSURE TREATED TO .20# CU.FT. RETENTION W/CCA
10. CONTRACTOR/OWNER SHALL COORDINATE PROVISION OF BEDROOM EGRESS WINDOWS TO MEET ALL APPLICABLE CODES. PROVIDE ACCEPTABLE CLEAR OPENING DIMENSIONS OF STOCK UNITS OR STRAIGHT ARM HINGING, ETC. TO MODIFY STOCK UNIT AS PER'CD TO MEET APPLICABLE EGRESS CODES

1" = 30'-0"

*Location of  
 elev. to be used w/  
 B.P. Survey  
 @ 11/22/04*



**SITE PLAN**

A NEW RESIDENCE FOR:  
**MR. & MRS. HOOPER**

LOT # 5, "LA KSA" TAX MAP # 25, BLOCK # 23  
 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
 5674 CORINA COURT, COLUMBIA, MD 21044



**John Flicker**  
 Architect

DATE: 10/14/04 SHEET NO. 31  
 REV: 11/21/04  
 10/20/04 PERMIT SET  
 11/21/04 OF 14  
 PROJECT NO: 04-013  
 BY: JH CK: JEE