

6/10/87 CAT6  
6/11/87 CAT6

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 5th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-384605

DATE 6/10/87

DATE SYSTEM APPROVED 6/11/87

INSPECTOR RLH

P 39445

A 24787

C. C. Cissel

IS PERMITTED TO INSTALL X ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland PHONE 854-2006

SUBDIVISION Allnutt Farms ROAD 13460 Brighton Court LOT 4, Section 4

PROPERTY OWNER Henry Barkley H: 854-2007

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 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place distribution box 150 feet from the front lot line and 20 feet from the right lot line. Run trench(s) along contour toward left side of property remaining at least 100 feet from any well.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY C. Williams DATE 4/18/86

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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 TWO 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.

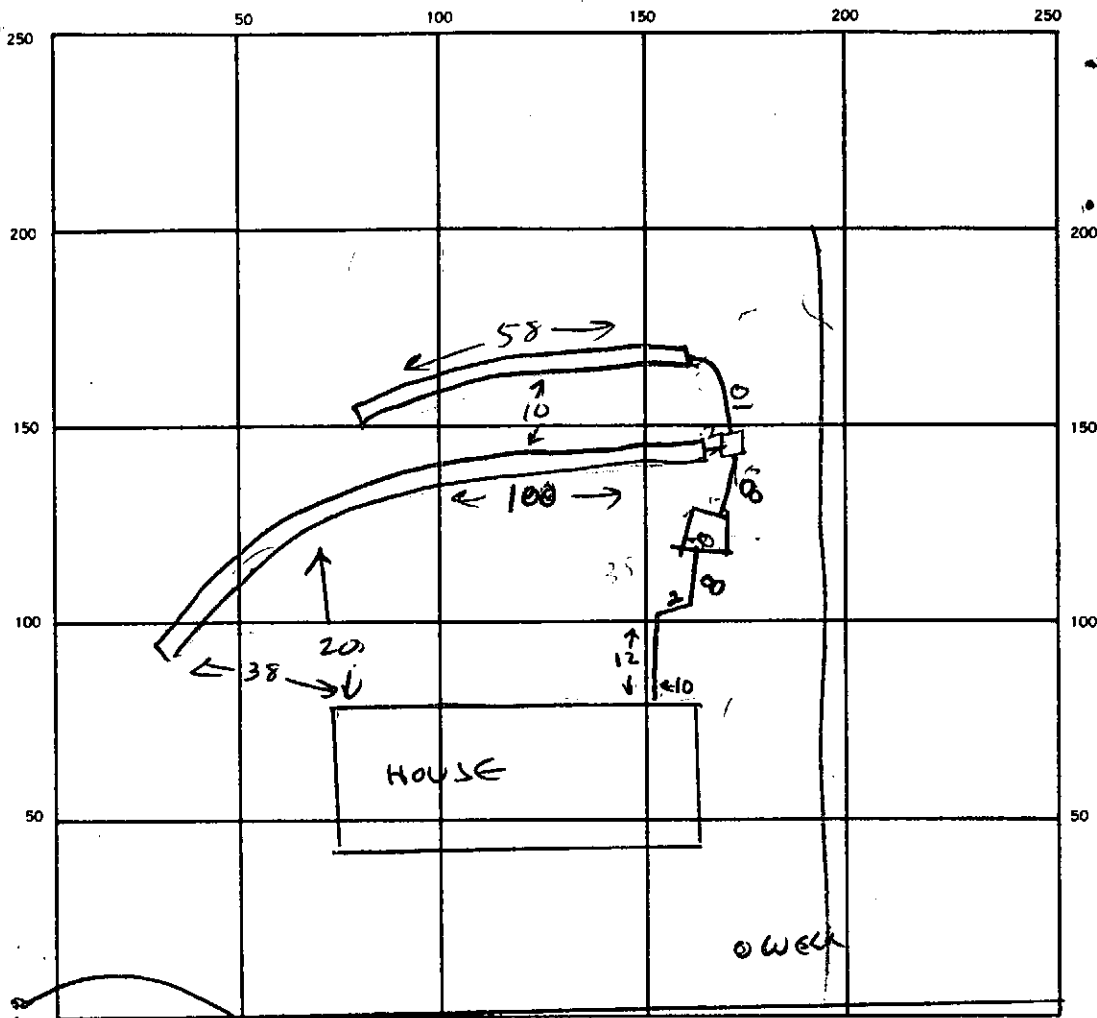
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 24787



4

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

SHORGUM CT,

SEPTIC TANK. LEVEL OK 1500 CLEANOUTS ST OK

DISTRIBUTION BOX. LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD. DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3-4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 158 FT. INSTALLED REQUIRED

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 790 SQ. FT. 720

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 6/10/97 TRENCHES DUG

6/11/97 - TRENCHES STONED & TANK

ADDED PIT

DATE SYSTEM APPROVED 6/11/97 INSPECTOR James A. [Signature]

# APPLICATION

A 24787

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 Fifth

DATE 9/9/76

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 Mr. and Mrs. Smith W. Allmatt HENRY BARKLEY  
13288 Highland Road  
ADDRESS Highland, MD 20777 PHONE 988-9303

PROPERTY LOCATION:

SUBDIVISION Hi-Land Farm Estates LOT NO. 34

ROAD AND DESCRIPTION Court "E" 13460 Sorghum Ct.

SIZE OF LOT 1.01 Ac TYPE BLDG. 3 or 4 bedroom  
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/ Margaret G. Allmatt

APPROVED BY DJO FOR DJO DATE 8/30/76  
(KIND OF SYSTEM)

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

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

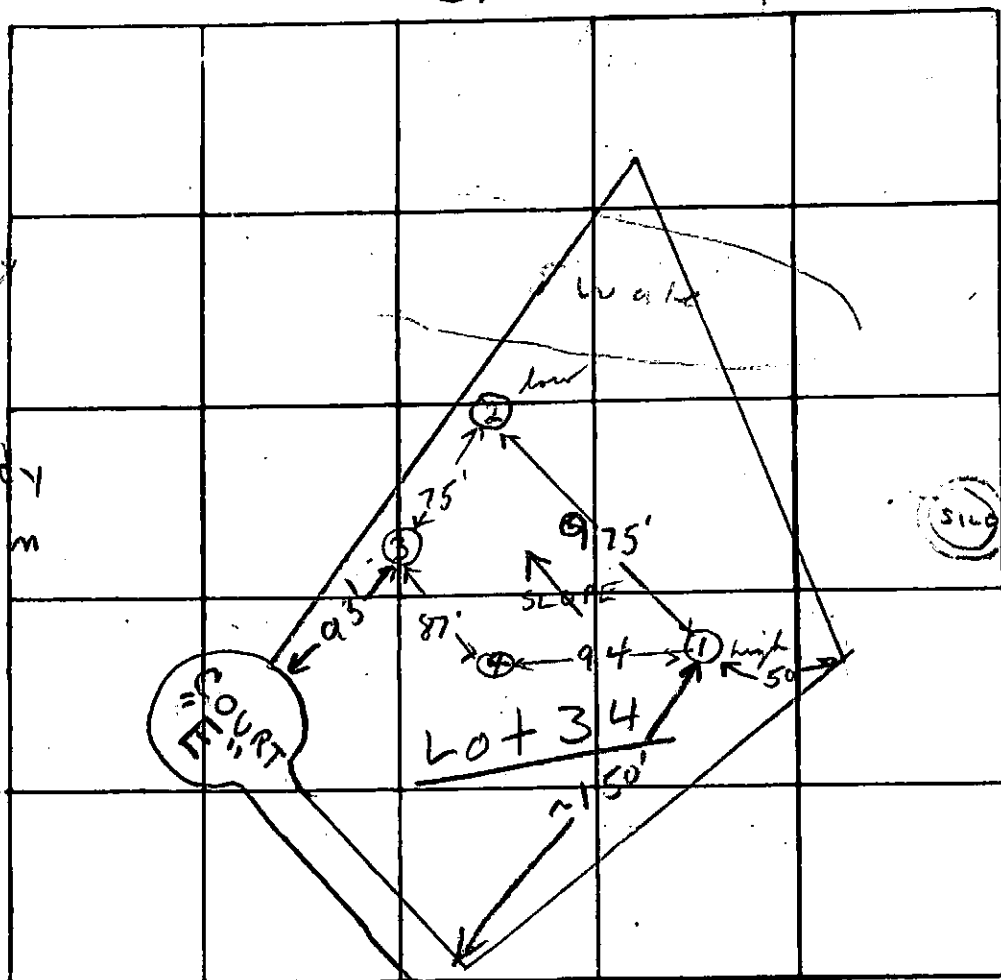
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

## THIS IS NOT A PERMIT

all holes

0  
3'Sandy  
loam

13'



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/9/76	1 high	3 1/2'	10:57	11:03	11:03	11:13	16 min
	1A	12'	10:57	10:59	10:59	11:03	4 min
	2 low	2'	12:12	12:13	12:13	12:14	1 min
	2A	12 1/2'	12:11	12:23	12:23	12:35	12 min
	3	3'	12:19	12:20	12:20	12:23	3 min
	3A	11'	12:19	12:22	12:22	12:29	7 min
	4	13'	Clayey to 3' sandy loam below				
	5	12 1/2'	Clayey to 3' sandy loam below				

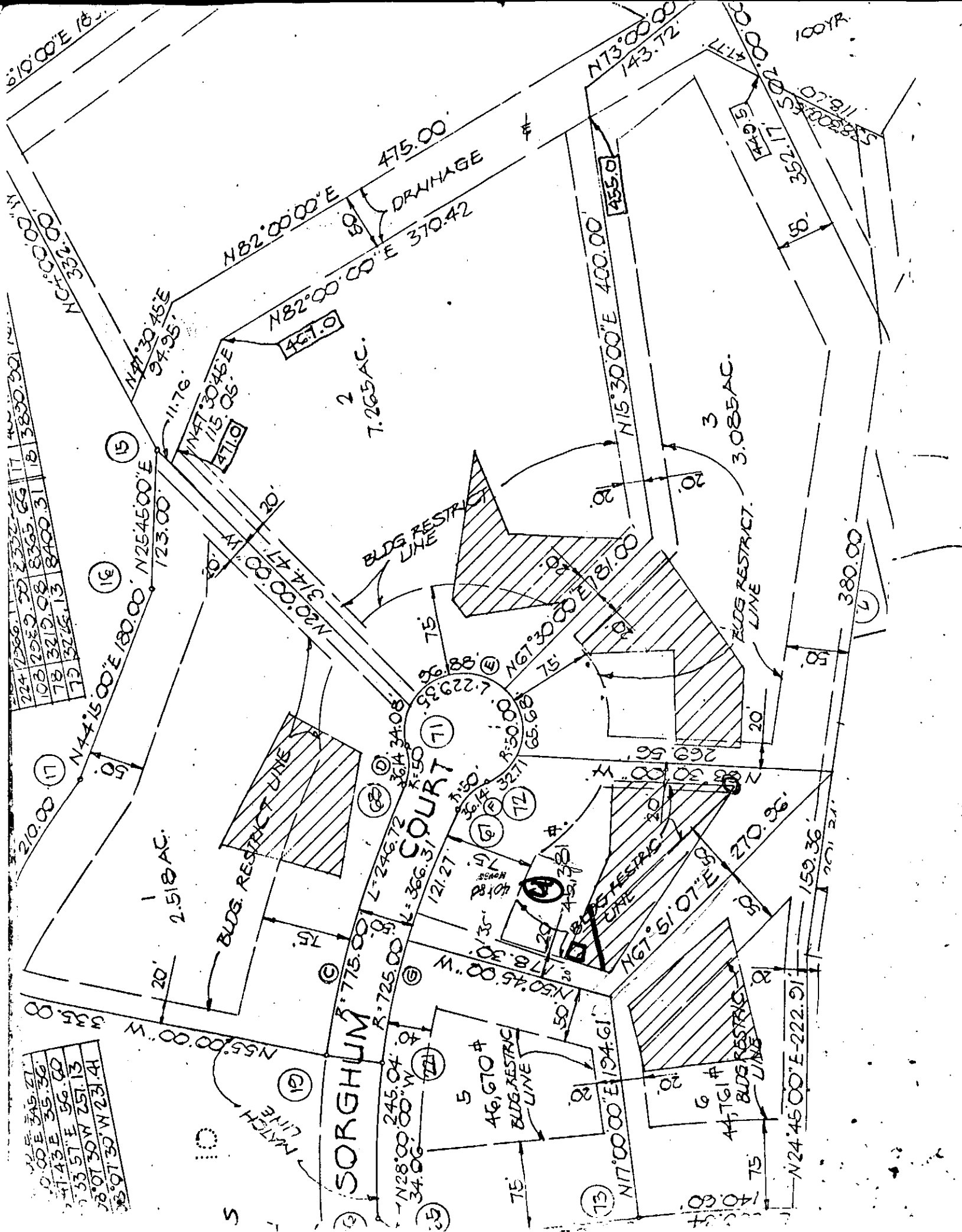
day to 1'

REMARKS ① &amp; ④ ~ same elevation

TYPE OF SOIL Sandy loam below top 1-3' clayey soil

TESTED BY F.S.

ALSO PRESENT: Ketterman &amp; Allnutt's

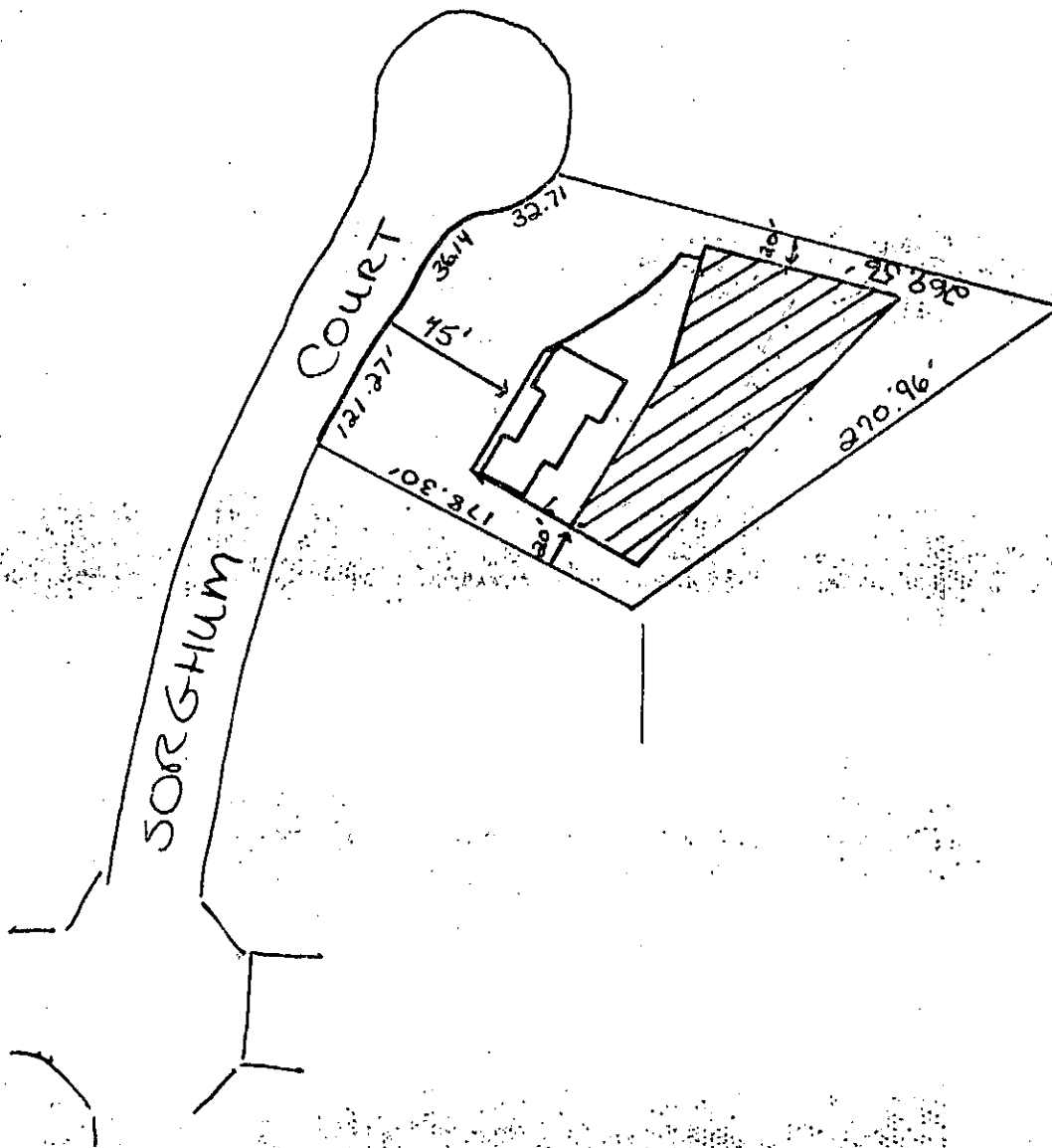


10.00	E	345.27
41.43	E	35.36
33.57	E	56.60
28.07	S	W 257.13
39.07	S	W 23.41

224	2286.1	20	2332.2	17	42	3830.30	18	10
103	2532.9	20	8365.66	31	18	3830.30	18	10
73	3212.98	8400	31	18	3830.30	18	10	10
73	3212.98	8400	31	18	3830.30	18	10	10

12/17/81

This house site O.K.  
F.S.



ORIGINAL ELEV. 492.0'

EXISTING ELEV. 492.0'

EXISTING ELEV.  
AT SEPTIC TANK 493.0'

ELEV. INTO  
SEPTIC TANK 488.6'

1ST FLOOR ELEV. 498.0'  
BASEMENT ELEV. 490.0'

DRY WELL INLET ELEV. 488.1'

ELEV. OUT  
OF HOUSE 489'

BSMT.

B1/24  
4-9

WATER WELL ELEV. 500.0'

Wilmington

4/3/87

Friday the

FILED PERMIT SIGNATURE  
AND RETURNED 3/3/87  
J.H.H.

<b>C1</b> 0796	SEQUENCE NO. (OEP USE ONLY)	<b>STATE OF MARYLAND</b> <b>WELL COMPLETION REPORT</b> 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 24787

DATE Received	DATE WELL COMPLETED	Depth of Well	PERMIT NO.
8 13	15 20	22 26	FROM "PERMIT TO DRILL WELL"
	072883	180	HO-81-0196
		(TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37

OWNER	Nash last name		Guy first name	TOWN	Highland
STREET OR RFD	Sorghum Court		SECTION	4	LOT
SUBDIVISION	Allnutt Farms Estates		4		

<b>WELL LOG</b> 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	19	
Sand Stone	19	25	
Micka	25	50	
Sand Stone	50	55	✓
Micka	55	150	
Sand Stone	150	155	✓
Micka	155	180	

<b>GROUTING RECORD</b>	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	yes <input checked="" type="checkbox"/> Y no <input type="checkbox"/> N
TYPE OF GROUTING MATERIAL	
CEMENT <input checked="" type="checkbox"/> CM	BENTONITE CLAY <input type="checkbox"/> BC
NO. OF BAGS 6	NO. OF POUNDS 600
GALLONS OF WATER 36	
DEPTH OF GROUT SEAL (to nearest foot)	
from 48 52 ft. to 54 58 ft.	
(enter 0 if from surface)	

<b>CASING RECORD</b>	
casing types insert appropriate code below	<input checked="" type="checkbox"/> ST <input type="checkbox"/> CO
	STEEL CONCRETE
	<input checked="" type="checkbox"/> PL <input type="checkbox"/> OT
PLASTIC OTHER	
MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)
<input checked="" type="checkbox"/> PL	6
Total depth of main casing (nearest foot)	
29	

<b>OTHER CASING (if used)</b>	
diameter inch	depth (feet) from to

<b>SCREEN RECORD</b>	
screen type or open hole insert appropriate code below	<input checked="" type="checkbox"/> ST <input type="checkbox"/> BR <input type="checkbox"/> HO
	STEEL BRASS OPEN HOLE
	<input checked="" type="checkbox"/> PL <input type="checkbox"/> OT
PLASTIC OTHER	

<b>C2</b>	
EACH SCREEN	DEPTH (nearest ft.)
	1 8 9 11 15 17 21
	2 23 24 26 30 32 36
	3 38 39 41 45 47 51
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN 56 60 (NEAREST INCH)	

A	CIRCLE APPROPRIATE LETTER 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
DRILLERS SIGNATURE	Ralph Mayne
(MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

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

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

<b>C3</b>	
PUMPING TEST	
HOURS PUMPED (nearest hour)	3
PUMPING RATE (gal. per min. to nearest gal.)	4
METHOD USED TO MEASURE PUMPING RATE	Bucket
WATER LEVEL (distance from land surface)	
BEFORE PUMPING	40
WHEN PUMPING	180
TYPE OF PUMP USED (for test)	
<input checked="" type="checkbox"/> A air	<input type="checkbox"/> P piston
<input type="checkbox"/> C centrifugal	<input type="checkbox"/> R rotary
<input type="checkbox"/> J jet	<input type="checkbox"/> S submersible

<b>PUMP INSTALLED</b>	
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)	31 35
PUMP HORSE POWER	37 41
PUMP COLUMN LENGTH (nearest ft.)	43 47
CASING HEIGHT (circle appropriate box and enter casing height)	
<input checked="" type="checkbox"/> + above	LAND SURFACE
<input type="checkbox"/> - below	(nearest foot)

<b>LOCATION OF WELL ON LOT</b>	
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)	