

7/27/87 AM
7/28/87 ASAP

05-384648

PERMIT

P 39935

A 24789

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 8/20/87

DATE SYSTEM APPROVED 7/28/87

INSPECTOR BH

{ I. C. O. P.
Time expired }

Jack Fyock

IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Allnutt Farms IV ROAD 13469 Open Space Ct LOT 7, Section 4

PROPERTY OWNER Stephen Hartz

ADDRESS _____

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

GARBAGE GRINDER? YES X NO X

SEPTIC TANK CAPACITY 2800 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 220 sq.ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.
LOCATION - Start the first trench 25 feet from the front lot line and 100 feet from the left lot line as seen when facing the property from Allnutt Lane. Run trenches along contour toward left side of property - a maximum distance of 65 feet each.
NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

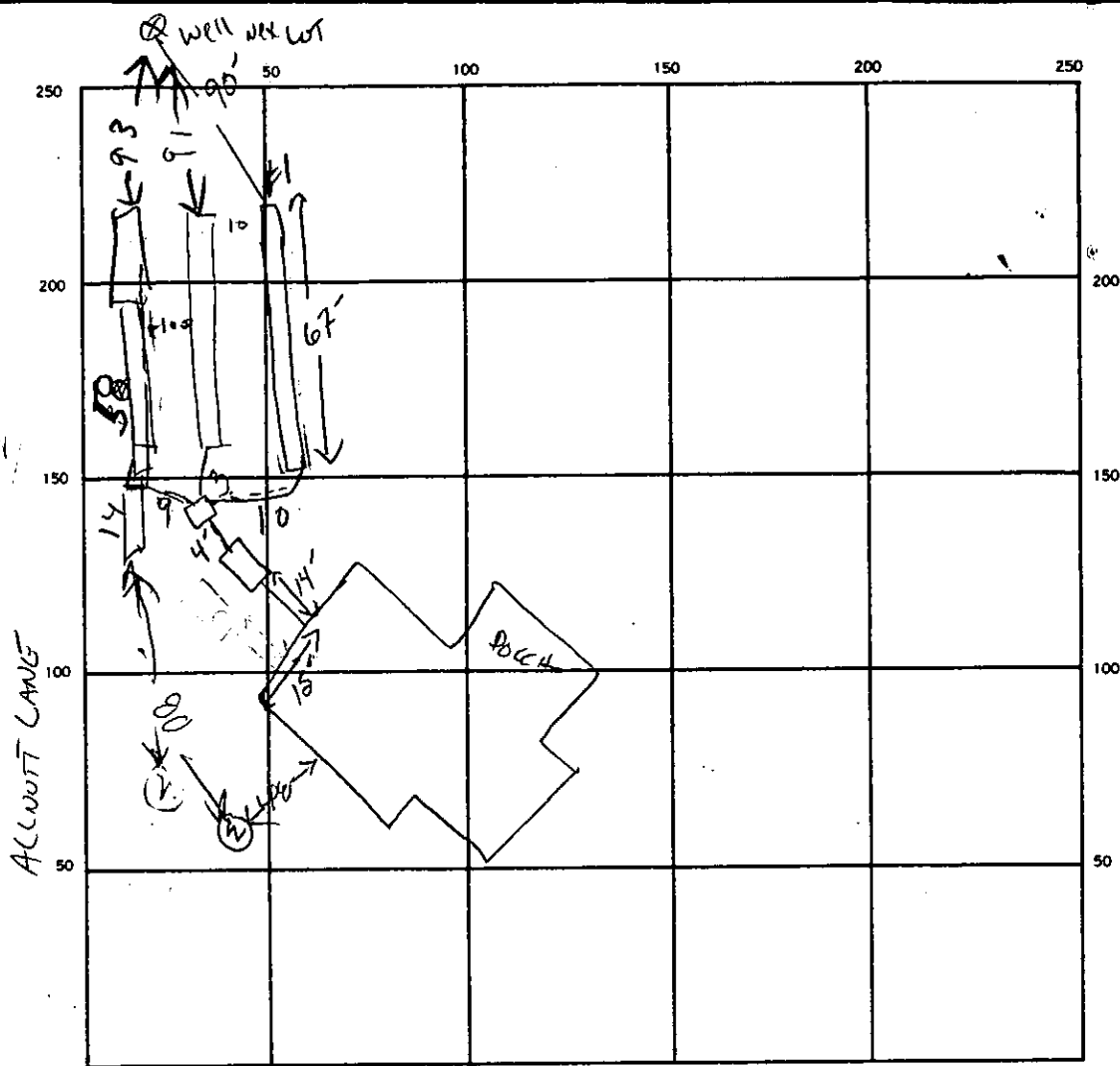
PLANS APPROVED BY C. Williams DATE 3/26/87

- 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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES).
- 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 APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.
 OPEN SPACE CL.

SEPTIC TANK LEVEL ✓ 1500 GAL CLEANOUTS ST / OK

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD TILE FIELD DEPTH 8.5' 8.5' 8.5' TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4.5' 4.5' 4.5' FT. TOTAL LENGTH 67' 64' 82' FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 913 ^{INSTALLED} / 880 ^{REQUIRED} SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 7/24/87 NOT READY TOLD FORMAN OK TO CHANGE
LOCATION OF TRENCHES SLIGHTLY TO KEEP APART FROM WELLS RH
7/27/87 OK TO STOP AND LOOK AT EXTENT ENDS. SAND LOCATION 25' LOWER BUT
OK FURTHER FROM WELLS. SAND 7/28/87¹²⁰⁰ - TRENCH # FINISHED
TRENCH #2 DUG OUT & PARTLY STONE, TRENCH #3 PARTLY DUG &
PARTLY STONED BY 7/28/87¹²⁰⁰ - ALL TRENCHES FINISHED RH

DATE SYSTEM APPROVED 7/28/87 INSPECTOR Raymond Hodger

APPLICATION

A 24789

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. Allnutt~~ STEPHEN HOLTZ
ADDRESS 13288 Highland Road
Highland, MD 20777 PHONE 988-9303

PROPERTY LOCATION:
SUBDIVISION Hi-Land Farm Estates LOT NO. 31

ROAD AND DESCRIPTION Court "F" 13472 Allnutt La.

SIZE OF LOT 0.92 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. Allnutt

APPROVED BY D. J. O'Neill FOR Dry Well System DATE 8/30/76
(KIND OF SYSTEM)

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

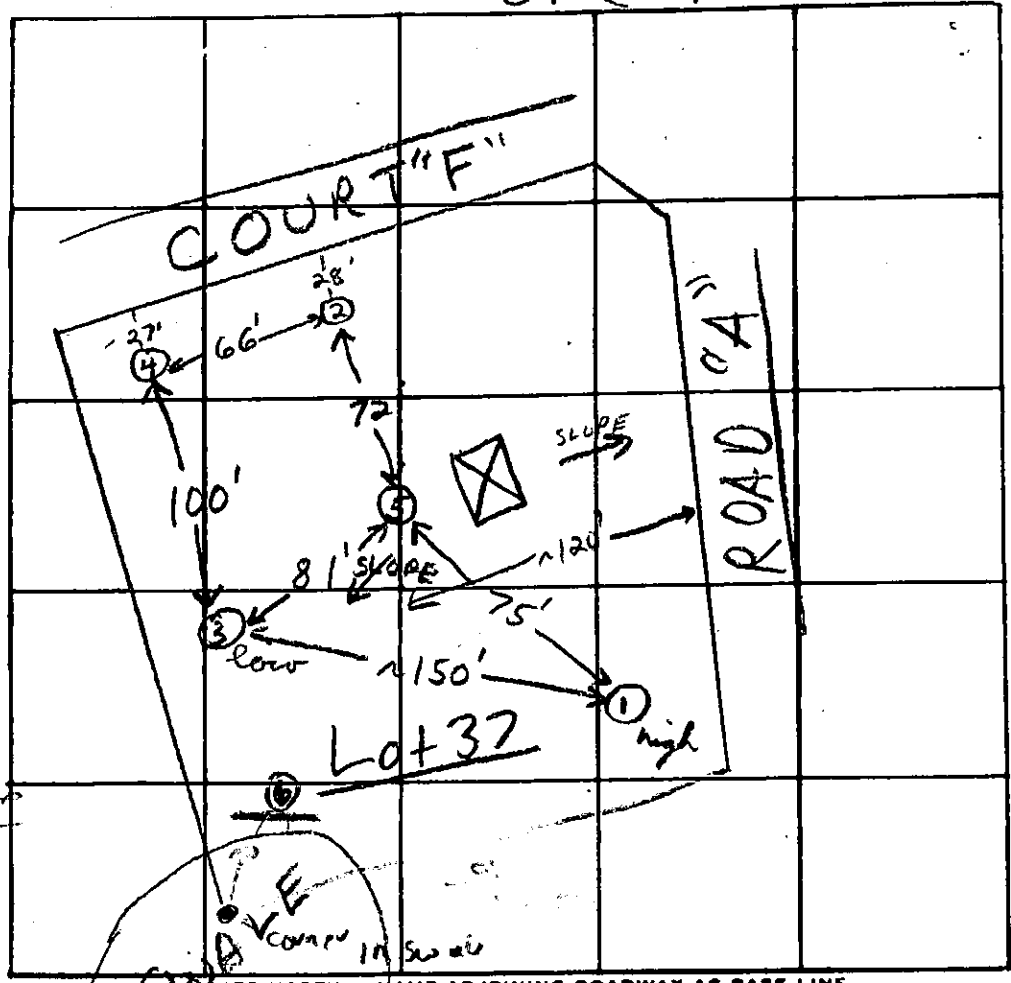
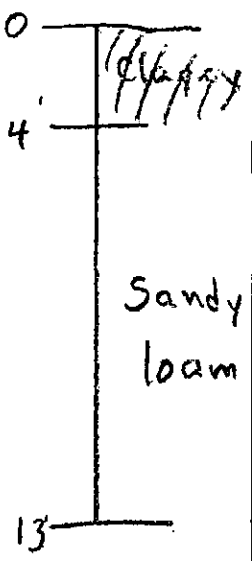
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____ BLDG. PERMIT SIGNED
AND RETURNED 7-26-87

S. Abel
BP # 10704

THIS IS NOT A PERMIT

① thru ⑤



4 1/2'
9 min

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/5/76	65	6'	2:20	2:32	2:32	2:43	11	
	6d	13' wet						
11/10/76	1A high	4' 13'	10:27	10:27	10:29	10:33	4 min	
	1B	4 1/2'	10:50	10:53	10:53	10:59	6 min	
	2	1 1/2'	11:00	11:03	11:03	11:08	5 min	
	2A	11'	11:00	11:03	11:03	11:10	7 min	
	3 low	4'	11:14	11:25	11:25	11:44	19 min	
	3A	13'	11:14	11:16	11:16	11:20	4 min	
	4	11'	Clayey to 4' sandy loam below					
	5	13'	Clayey to 4' sandy loam below					

REMARKS

TYPE OF SOIL sandy loam below top ~4' clayey soil

TESTED BY D.O.N on 11/5 F.S. & R.B on 11/10 ALSO PRESENT: Allnutts & Kettermaus

ALLNUTT LANE

CORNER

$N56^{\circ}01'54''W$
7.01'

$R: 1030.54$

$L: 154.96$

$S18^{\circ}28'06''E$
518.28

495

$S77^{\circ}28'06''W$
577.28

114.39

$R: 1525.00$
 $L: 60.40$

495

497
498
499

Minimum Tract Required
1800' 32687

$S54^{\circ}15'44''E$

223.37

Lot 8
100' 38"

DIST
OUT

TANK

76' 15"

75' P.R.L.

28' Paved
TO

P

GAR.

LOT 1
SILT

50' P.R.L.

42,200' 11"

2' 4 1/2" 20' UTILITY

493

494

495

496

497

498

223.41

$N24^{\circ}25'41''E$

6727' 10" P.R.L.

ESTMT

C 1 3701 SEQUENCE NO. (OEP USE ONLY)
 1 2 3 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 A-24789

DATE Received [] [] [] [] [] [] DATE WELL COMPLETED 12 08 86
 Depth of Well 305 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-1767

OWNER HARTZ last name STEPHEN first name
 STREET OR RFD 3772 ALLNOTT LANE TOWN NIGHLAND
 SUBDIVISION ALLNOTT FARMS SECTION 4 LOT 7

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	
SAND Stone	0	31	✓
Gray Mica Rock	31	305	OK

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
 TYPE OF GROUTING MATERIAL
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 9 NO. OF POUNDS 846
 GALLONS OF WATER 54
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 30 ft.

CASING RECORD
 casing types insert appropriate code below
 ST CO
 STEEL CONCRETE
 PL OT
 PLASTIC OTHER
 MAIN CASING TYPE SH
 Nominal diameter top (main) casing (nearest inch) 6
 Total depth of main casing (nearest foot) 306

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST BR HO
 STEEL BRASS OPEN HOLE
 PL OT
 PLASTIC OTHER

DEPTH (nearest ft.)

EACH SCREEN	DEPTH (nearest ft.)				
	1	2	3	4	5
1	40	34	305		
2					
3					

SLOT SIZE 1 2 3
 DIAMETER OF SCREEN [] [] [] (NEAREST INCH)
 from to

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. 238
 DRILLERS SIGNATURE Joseph L. Mayne
 (MUST MATCH SIGNATURE ON APPLICATION)

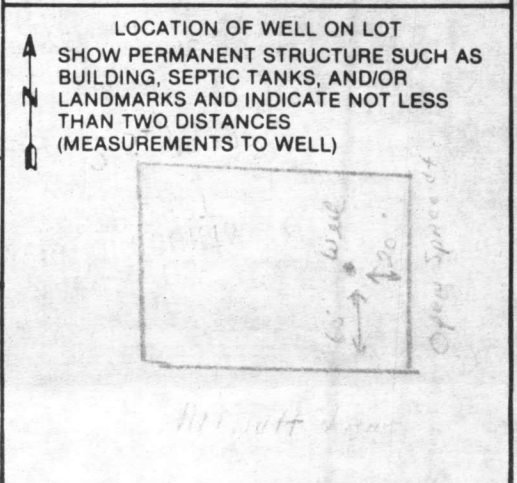
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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
 70 [] 72 [] 74 [] 75 [] 76 []
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 53
 METHOD USED TO MEASURE PUMPING RATE hand
 WATER LEVEL (distance from land surface) BEFORE PUMPING 26
 WHEN PUMPING 108
 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED
 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) [] [] [] []
 PUMP HORSE POWER [] [] [] []
 PUMP COLUMN LENGTH (nearest ft.) [] [] [] []
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE (nearest foot)
 - below }



DRILLER Heart H