

6/15/89 AM

TAX # 05379303

WPI

PERMIT

P 44620

SEWAGE DISPOSAL SYSTEM

A 42687

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT _____

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 4/28/89

INDEXED

DATE SYSTEM APPROVED 6/15/89

INSPECTOR CWILLIAMS

Jack Fyock

IS PERMITTED TO INSTALL ALTER _____

ADDRESS _____ PHONE 988-9270

SUBDIVISION Hipp Property ROAD 13807 Wayside Drive LOT _____

PROPERTY OWNER Mark and Barbara Hipp

ADDRESS _____

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

GARBAGE GRINDER? YES NO _____

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 256 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the first trench 130 feet from the front (647.54') lot line and 340 feet off the left (200') lot line as seen when facing the lot from Wayside Drive. Run trenches on contour toward the front and rear.

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

(OK TO INSTALL TO 8 1/2' WITH 5' STONE CW)

PLANS APPROVED BY Sid Abel UPDATED _____ DATE 3/01/89

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

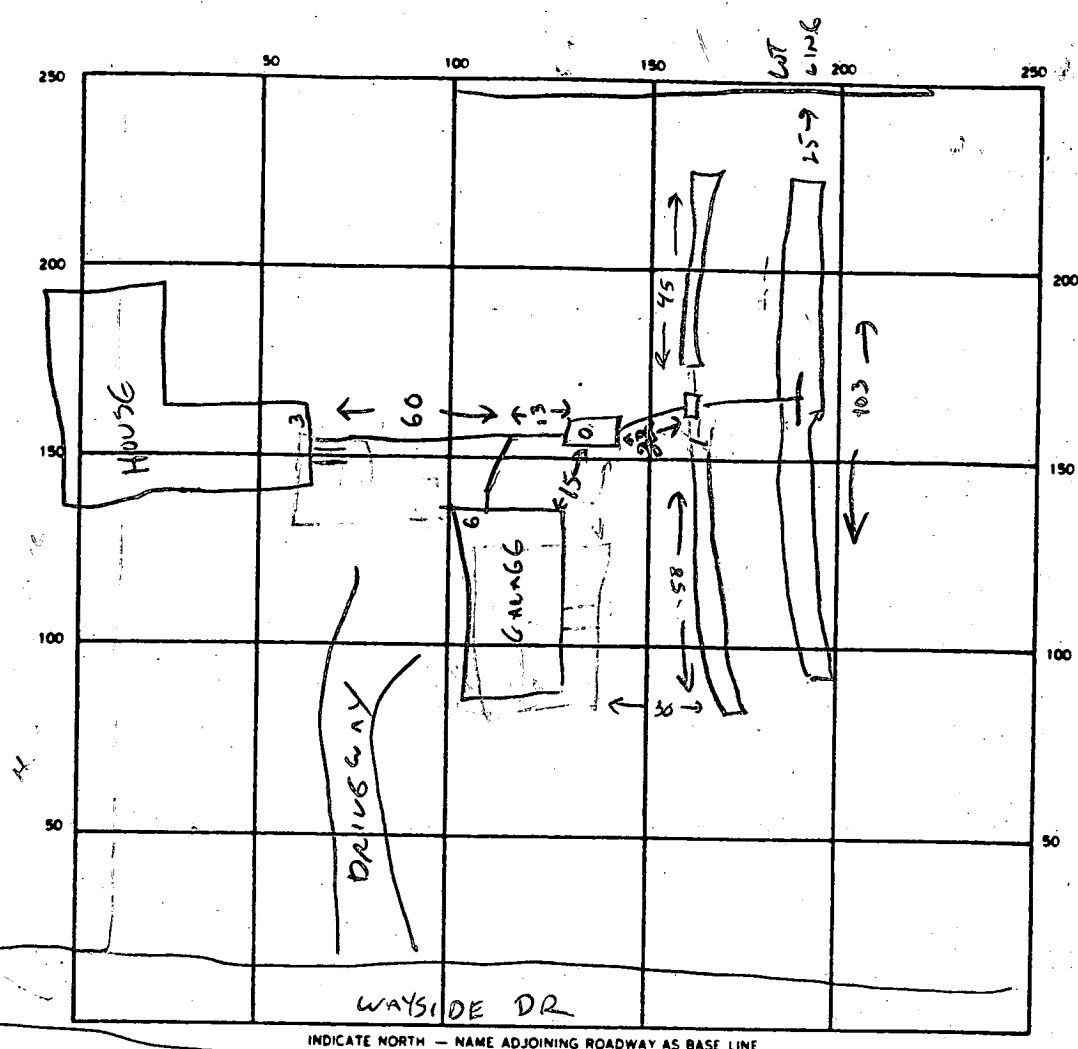
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 42687

HAVILAND MILL RD

066



SEPTIC TANK LEVEL 2000 GAL CLEANOUTS MANHOLE ✓
 DISTRIBUTION BOX LEVEL ✓
 DRAIN FIELD/TILE FIELD DEPTH 8 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 206 FT.
 NUMBER OF TRENCHES 2 (103 each) ONE SIDEWALL/BOTTOM AREA 1030 SQ FT.
 DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS OK TO FINISH FINAL SECTION OF TRENCH AND COVER. 6/15/89 CW

DATE SYSTEM APPROVED 6/15/89 INSPECTOR CW

10/18/88
RNOON

APPLICATION

PERCOLATION TESTING

A 42687
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE October 4, 1988

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 Mark and Barbara Hipp ✓

ADDRESS 7814 Belgaro Rd. Laurel, MD 20707 PHONE (301) 776-1227 ✓

PROSPECTIVE BUYER N/A

ADDRESS N/A PHONE N/A

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. N/A

ROAD AND DESCRIPTION 3 Acre single parcel at corner of Haviland Mill Road and
13807 Wayside Drive

TAX MAP 34 PARCEL # 192

SIZE OF LOT 3 acres TYPE BLDG. single family dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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 [Signature] FOR Deep trenches DATE 3-1-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/18/88 Perc OK - Informal PLAN to be submitted to H&E
Per approval

BUDG. PERMIT SIGNED
AND RETURNED 3-1-89

BUDG. PERMIT SIGNED
AND RETURNED 3-1-89

BP 23818
Gauge

BP 23817 SFD

THIS IS NOT A PERMIT

HD-216

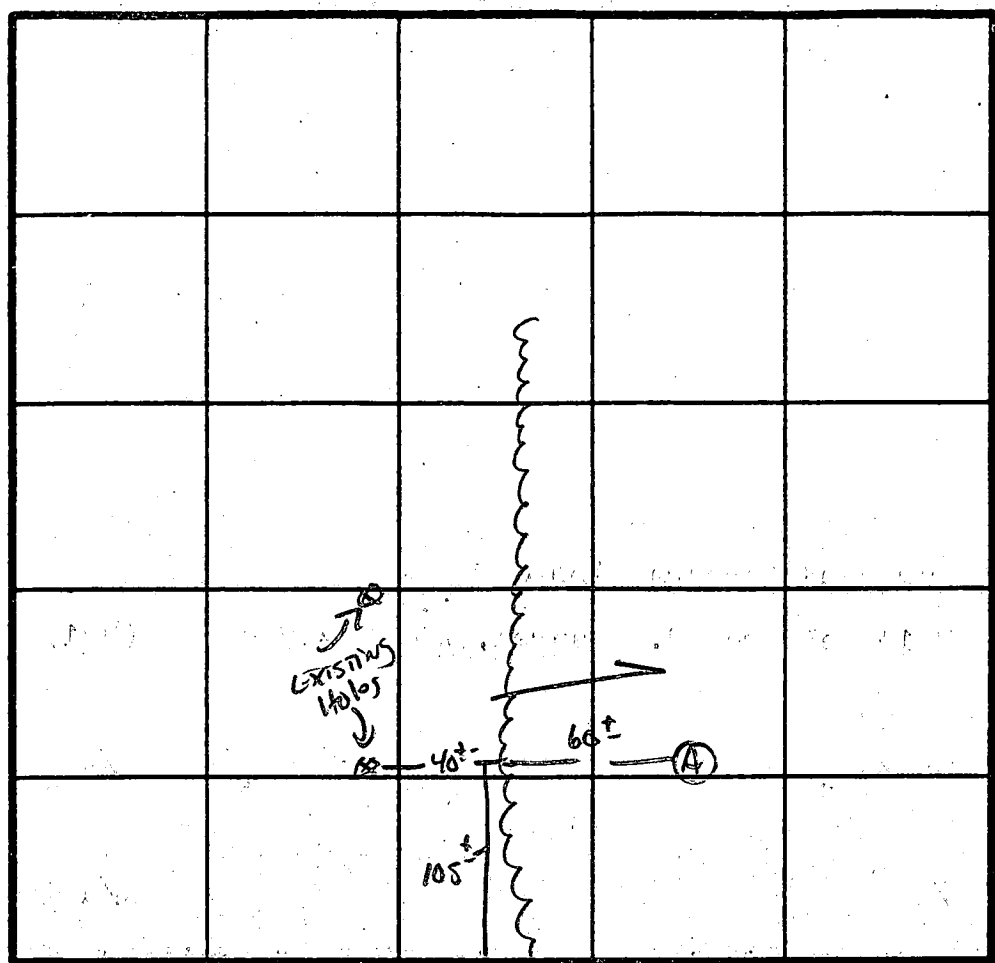
SOIL PROFILE

0
3"
3.0
4.5'
13'

A-1-3
yellow BR
CLAY LOAM
10% FRAG

RED BROWN
CLAY LOAM
15-20%
QUARTZITE
FRAG

Yellow BR
Highly
MICACEOUS
SILT LOAM
10-15%
FRAG



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
WAY SIDE DR.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/18/88	AS	5'	11:50	11:57	11:57	12:15	18 MIN
		8'	11:50	11:55	11:55	12:01	6 MIN
	AJ	See Profile -	CLAY TO 4.5'		MICACEOUS SILT LOAM TO 13'		

REMARKS DEEP TRENCHES OK 4.5-8.5' ON LOWER REPAIRS

TYPE OF SOIL CHESTON GRAVELLY LM

TESTED BY S. Abel ALSO PRESENT Mr. Hepp

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 36124
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____
DATE 10/22/85

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. + Mrs. Edward B. Nowry
ADDRESS 6612 HAVILAND MILL RD. PHONE 531-2276

PROPERTY LOCATION:

SUBDIVISION Adj To HAVILAND Hills LOT NO. ~~19~~ TAX MAP 34 PARCEL 192
ROAD AND DESCRIPTION Corner of HAVILAND Mill + Wayside Dr.

SIZE OF LOT 3 Acres TYPE BLDG. 3-4
(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. Catherine Borden for the Nowrys
(SIGNATURE OF APPLICANT)

APPROVED BY Curelian FOR TRENCHES DATE 11/5/85

REJECTED BY _____ FOR _____ DATE _____

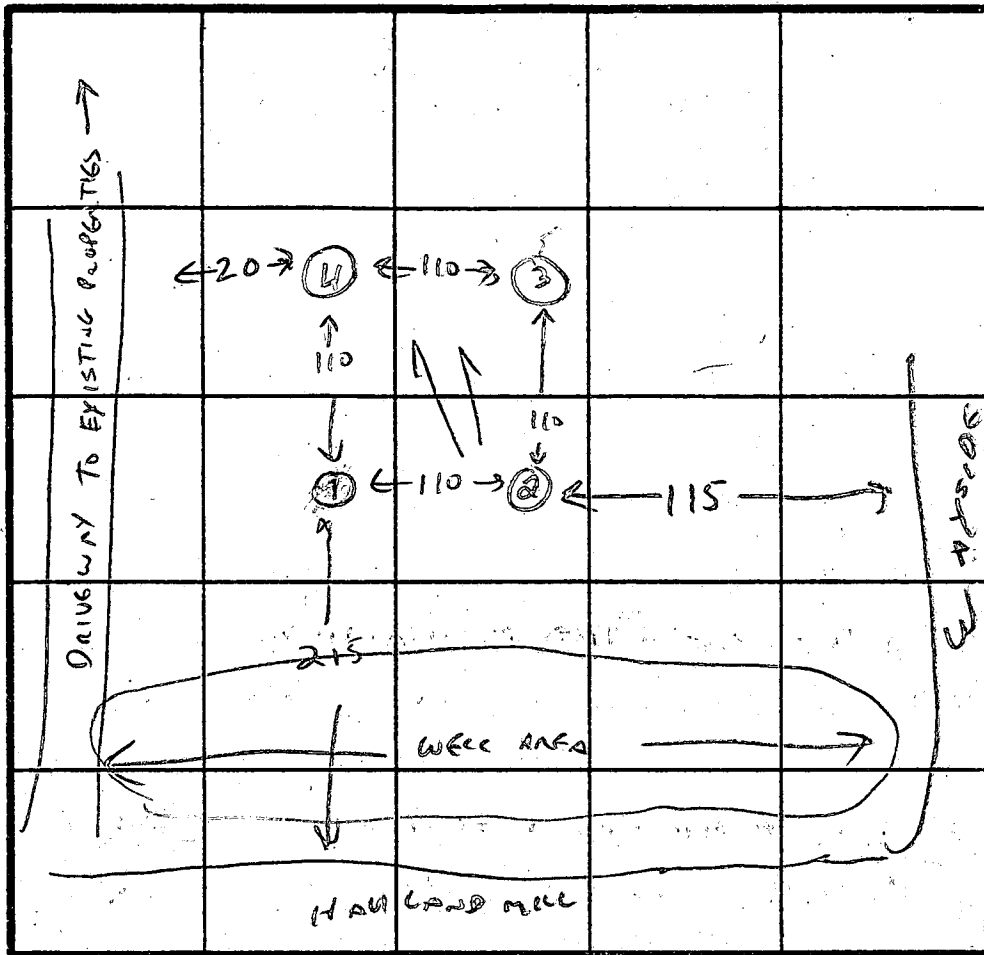
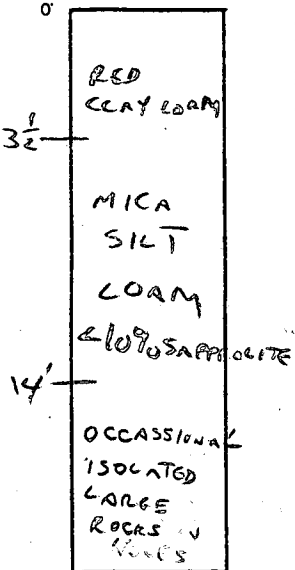
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

ALL HORIZONS

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	2 ND 1 HIGH						
	2 ^{HIGH}	4 FT 10 FT 14 FT	11:37	11:38	11:38	11:40	
	3	4 10	VISUAL OK				
	4	4 10 14 FT	VISUAL OK			11:52	

11/16/69

LOW

EH-12-1079

REMARKS _____

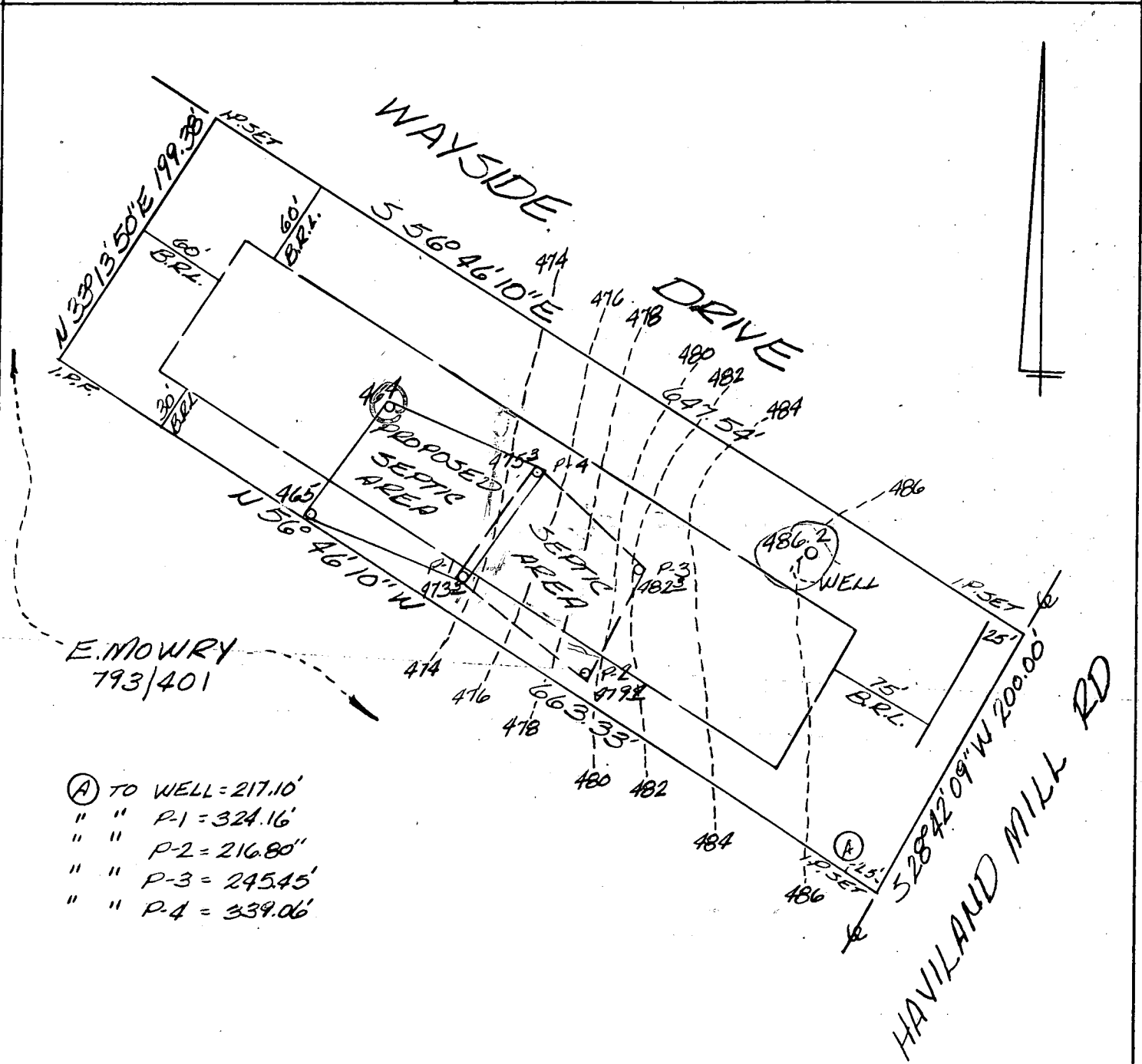
TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

MARK HIPP
 7814 BELGARD RD.
 LAUREL, MD. 20707

HIPP PROPERTY

HOWARD COUNTY LIBER 540 FOLIO 703



E. MOWRY
 793/401

- Ⓐ TO WELL = 217.10'
- " " P-1 = 324.16'
- " " P-2 = 216.80'
- " " P-3 = 245.45'
- " " P-4 = 339.06'

DATE: 10-3-88
 SCALE: 1" = 100'

June 19, 1988

Sidney Abel, III
Howard County Health Department
3525-H Ellicott Mills Dr.
Ellicott City, MD 21043

Dear Mr. Abel,

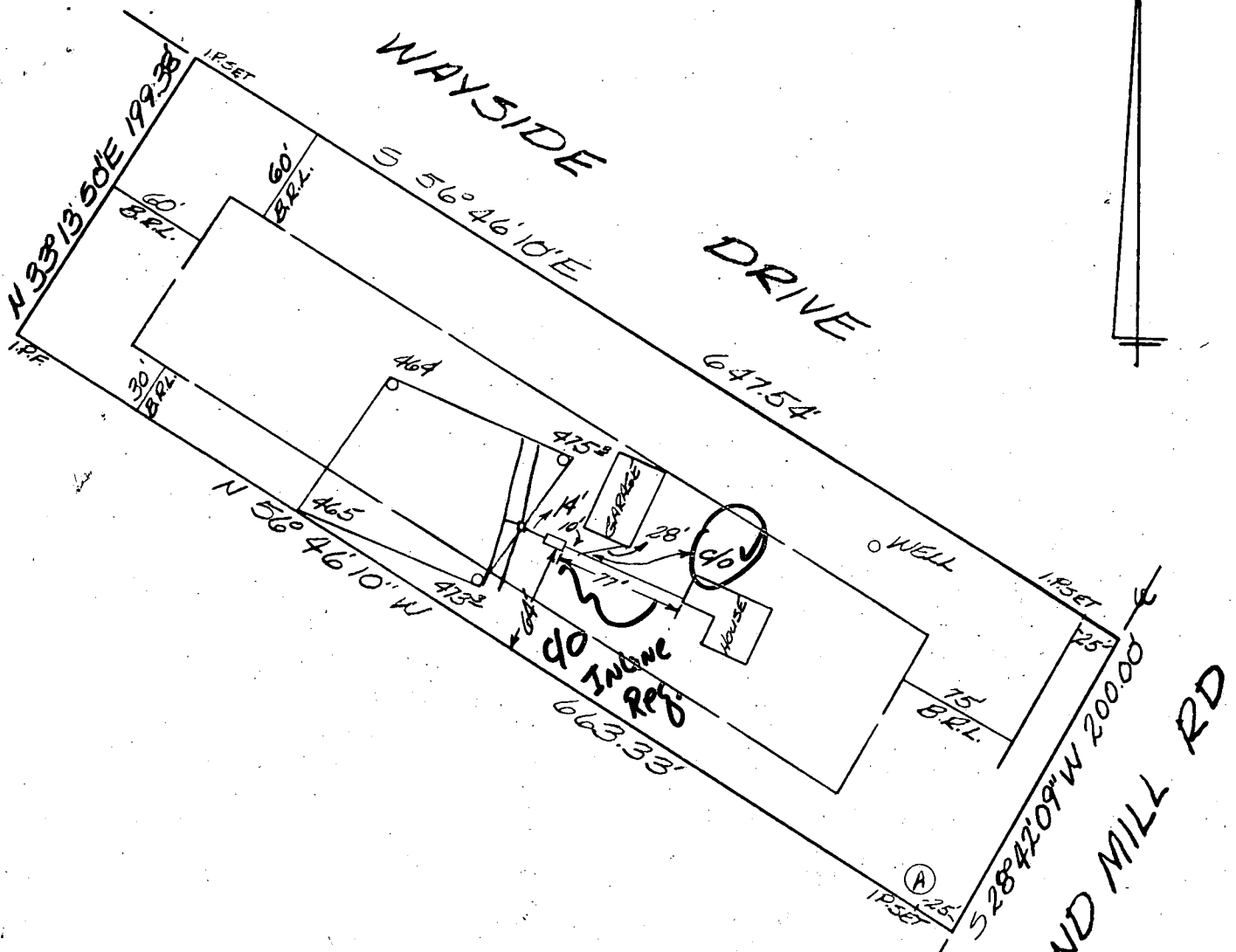
In reference to our conversation on Friday, June 17, 1988, I have enclosed the drawings that you require for the adjustment to my perc field. I am asking for a perc field adjustment because as can be seen in the existing perc drawing the garage placement would be in code violation. The adjusted perc drawing shows the adjustment I am asking for by moving 332 square feet (red area) from behind the garage to the side of the perc field (green area). The new perc drawing shows how with this adjustment the position of the garage will be within code. If you have any questions or need more information, please call me at work-- 381-2580 or home 776-1227.

Thank you,

Mark Hipp
7814 Belgaro Rd.
Laurel, MD 20707

*Copy of plat sent to Mr Hipp
6/23/88*

*RND
COPY SENT OF PLAT 7/22/88*



ELEVATION OF WELL AT GRADE	486.2' ✓
FIRST FLOOR ELEVATION	487.7' ✓
BASEMENT ELEVATION	478.7' ✓
INVERT OUT OF HOUSE	476.7' ✓
EXISTING GRADE AT SEPTIC TANK	478.7' ✓
INVERT INTO SEPTIC TANK	475.2' ✓
INVERT OUT OF SEPTIC TANK	474.9' ✓
EXISTING GRADE AT DIST. BOX	476.8' ✓
INVERT INTO DIST. BOX	473.3' ✓
EXISTING GRADE AT TRENCH	476.8' ✓
INVERT INTO TRENCH	473.3' ✓
GARAGE FLOOR ELEVATION	482.2' ✓
INVERT OUT OF GARAGE	478.7' ✓

BLDG. PERMIT SIGNED
 AND RETURNED 3-1-87
 BP23817
 JAL

MARK HIPP
 7814 BELGARD RD.
 LAUREL, MD. 20707

HIPP PROPERTY
 HOWARD COUNTY
 LIBER: 540 FOLIO: 703

DATE:
 SCALE: 1"=100"

B 1 **6322** 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-81-1240
 fill in this form completely

Date Received **7/28/85**
OWNER INFORMATION
Hoop Mark (Last Name, Owner, First Name)
1810 Hedberry Rd. (Street or RFD)
Clarksville MD 21029 (Town, State, Zip)

B 3 **LOCATION OF WELL**
Howard (COUNTY)
MSURY PROP. (SUBDIVISION)
CLARKSVILLE (NEAREST TOWN)
3 MILES FROM TOWN (enter 0 if in town)

DRILLER INFORMATION
George Easterday (Driller's Name) License No. **40**
L. Franklin Easterday, Inc. (Firm Name)
9215 Brown Church Rd. Mt. Airy, MD (Address)
George Easterday (Signature) **11/8/85** (Date)

B 4 **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**
1600 Howard Mill (NEAR WHAT ROAD)
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
30 DISTANCE FROM ROAD (ENTER FT or MI)

B 2 **WELL INFORMATION**
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **320**

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL **42687**
HOWARD COUNTY NAME COUNTY NO. **A-3**
 OEP SIGNATURE **R. Wilson** STATE HEALTH SIGNATURE
 DATE ISSUED **112185** EXPI DATE **05/21/86**
 NORTH GRID **493000** EAST GRID **0801000**

APPROXIMATE DEPTH OF WELL **150** 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 _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE.
8001
4903

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
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 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.
 N
Howard Mill Rd.
1500 Side St.
 well X

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER **GAP**
 FORCE **60** WRITE INITIALS IN BOX PERMIT No. **HO-81-1240**

SPECIAL CONDITIONS

12/18/85
BW

47' casing
H₂O sample taken 10³⁰ am (H9578)

37 ft annular space
grout started 10⁴⁵ am - 30 min NOTES
17 bags cement
sufficient vol (2 hr period)

2520

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-36186W

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for date received

Grid for date well completed

Grid for depth of well

Grid for permit number

OWNER: HIPP MARK; STREET: 6800 HAVILAND MILL; TOWN: DAYTON; SUBDIVISION: MOWRY PROPERTY

WELL LOG: Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Top soil, clay, Shaley, sand stone, Mica, Flint, Mica, Quartz & Mica Mixed, Mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y); TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC); NO. OF BAGS: 17; NO. OF POUNDS: 7700

CASING RECORD: casing types (ST, CO, PL, OT); MAIN CASING TYPE (ST); Nominal diameter, Total depth

OTHER CASING (if used): diameter, depth (feet)

SCREEN RECORD: screen type (ST, BR, HO, PL, OT); DEPTH (nearest ft.)

SLOT SIZE, DIAMETER OF SCREEN; GRAVEL PACK; IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

PUMPING TEST: HOURS PUMPED (3); PUMPING RATE (7); METHOD USED TO MEASURE PUMPING RATE (Budget); WATER LEVEL (40); WHEN PUMPING (11.5); TYPE OF PUMP USED (S)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO); IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

LOCATION OF WELL ON LOT: SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS

CIRCLE APPROPRIATE LETTER: A (Well abandoned), E (Electric log), P (Test well converted to production)

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

DRILLERS IDENT. NO. 40; DRILLERS SIGNATURE: George F. Easter; SITE SUPERVISOR: Charles P. Folger

OEP-USE ONLY (NOT TO BE FILLED IN BY DRILLER): TELESCOPE CASING, LOG INDICATOR, OTHER DATA

Handwritten notes: well 30', right lot line, Haviland Mill RD.