

INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

HARDY ROAD

S.O.T.

SEPTIC TANK. LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX. LEVEL OK (Baffles in)

DRAIN FIELD/TILE FIELD. DEPTH 6.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 + FT. TOTAL LENGTH 259 FT

NUMBER OF TRENCHES 3 ONE ~~SIDE~~/BOTTOM AREA 777 + SQ. FT.

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

ABSORBENT AREA 777 + SQ. FT.

REMARKS 10/30/90 Final - ok to cover all work.
BUILDING PERMITS SIGNED AND RETURNED C.B.S.

(10/30/90 No W.P.T. - NO WORK DONE.)

DATE SYSTEM APPROVED 10/30/90 INSPECTOR Charles Bryan Stricker

APPLICATION

A 38669
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: 992-2330

DISTRICT 4TH
DATE 2/9/87

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 WAYNE C. HOUGH Kenneth & Pamela McGlynn
ADDRESS 17740 HARDY RD. PHONE W-235-1536
MT. AFRY, MD. 21771 H-795-6987
549-6052

PROPERTY LOCATION:
SUBDIVISION Hough Property LOT NO. 5
ROAD AND DESCRIPTION North side ¹⁷⁶²⁰ of Hardy Road, 1420' ± east of Log
Copper Road.
SIZE OF LOT 3 ACRES minimum TYPE BLDG. 3
(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.

Wayne C. Hough
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5-13-87 Perc Satisfactory - Hold for plat 5. Ave

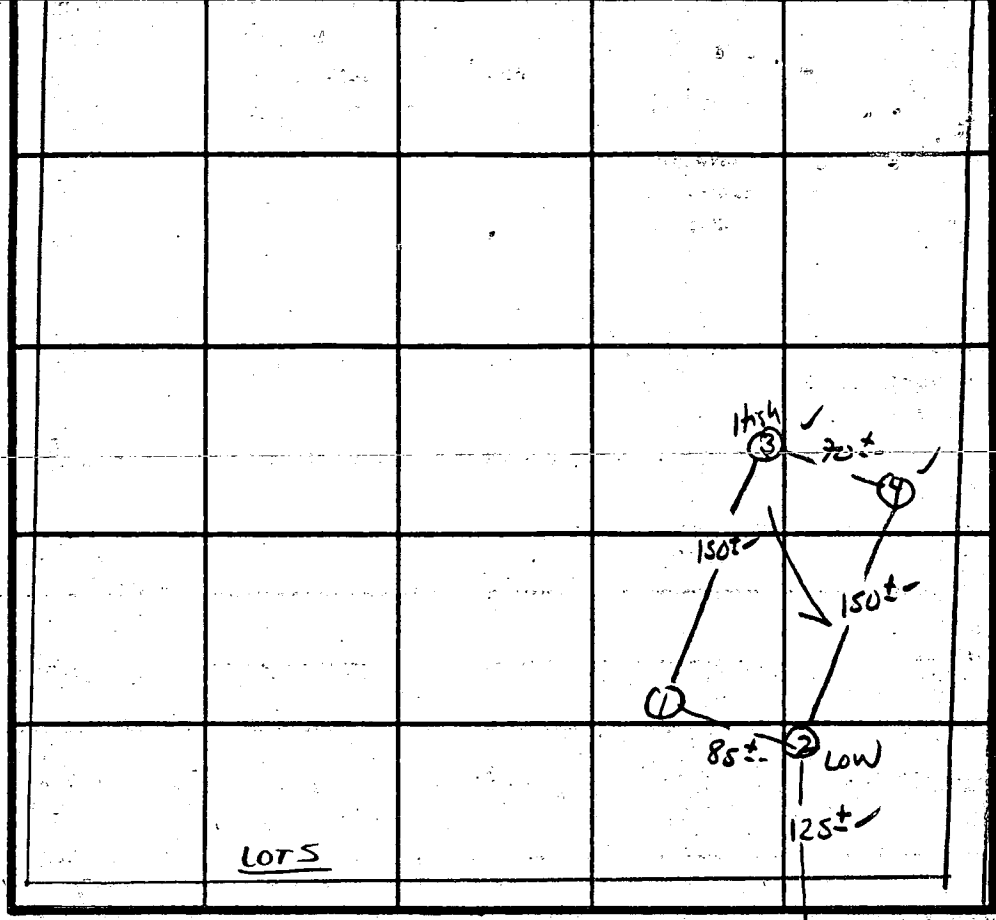
BUDG. PERMIT SIGNED
AND RETURNED 6/1/87
Serial # 32766
SFD - 4 Bedrooms

THIS IS NOT A PERMIT

① → ④
SOIL PROFILE

0	AD
10"	Yellow BR Silt CLAY L. 15+% - silt Frag 20-30%
35-45	Yellow BR Silt CLAY Si H LAM 30-40%
12-15	

LOT 4



8 Perc 11 MIN ✓
190 φ 1 BR ✓
Inlet 4.5 ✓
Bottom 6.5 ✓

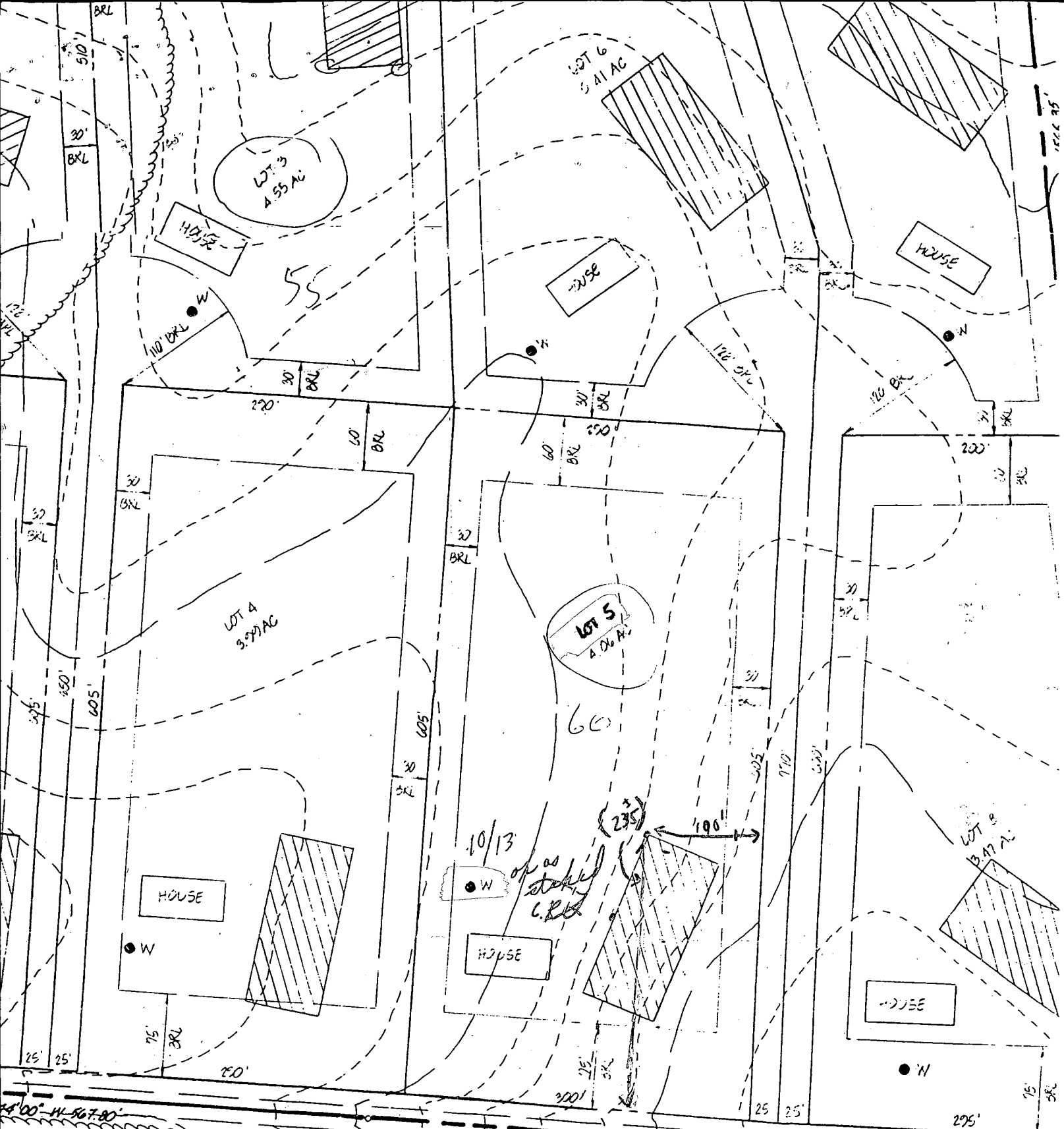
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
HARDY Rd. CL

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/13/87	1 S V	4.5 - 12	12:14	12:16	12:16 3.5'	12:19	3 MIN
	2 S M	3.5 7.5	12:13	12:19	12:19	12:30	11 MIN
			12:13	12:18	12:18	12:27	9 MIN
	2 V	12.5	MASSIVE SAPROLITE AT 11' - UNIFORM below 3.5'				
	3 S M	4.5 - 8	12:24	12:40	12:40	1:06	26 MIN
			12:25	12:32	12:32	12:44	12 MIN
	3 V	13	UNIFORM SOIL below 4.5'				
	4 S V	4 12	12:34	12:35	12:35	12:38	3 MIN
			UNIFORM SOIL below 4'				

REMARKS HOLES Per PLAT / Shallow Syst. only

TYPE OF SOIL MLC Aicy

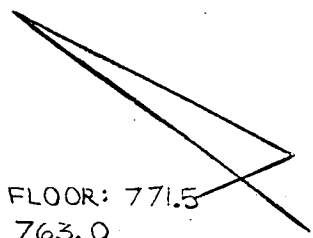
TESTED BY S. Abel ALSO PRESENT Rocky, Allen Barkner



HARDY

To: To WHOM IT MAY CONCERN
 Used for septer
 specs 12/13/89.
 C.B.R.

N 71° 27' 40" W 322.81'



HOUSE
 FIRST FLOOR: 771.5
 C.E. 763.0
 INV. OUT: 760.5

LOTS

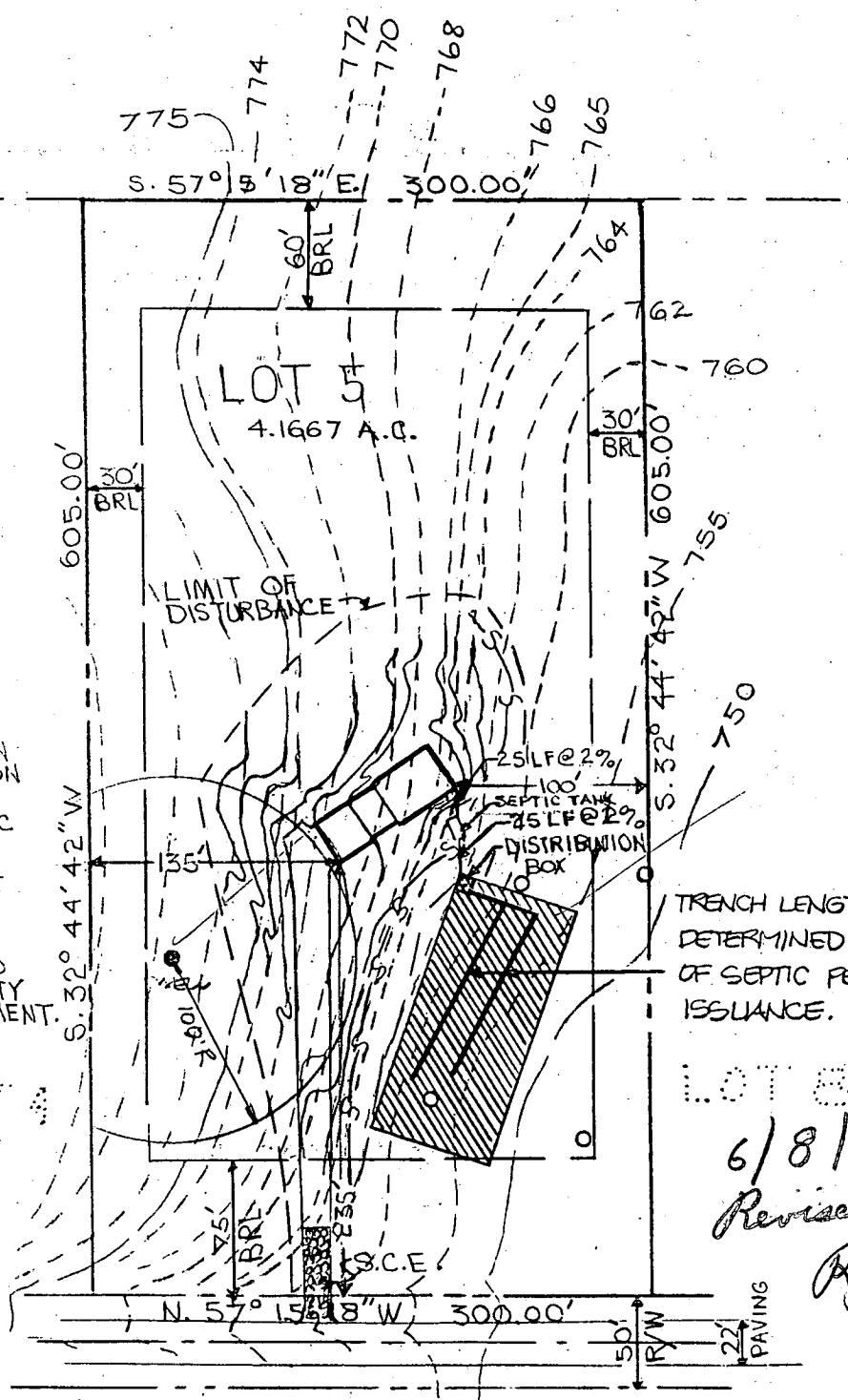
SEPTIC TANK
 INV. IN : 760.0
 INV. OUT: 759.5
 EX. GRADE: 763

DISTRIBUTION BOX
 INV. IN : 759.0
 EX. GRADE: 762.5

WELL
 EX. GRADE: 777

NOTES:

1. TAX MAP: 7;
PARCEL: 391
2. EXISTING ZONING R
3. REFERENCE:
LAURAND, LOTS 1-8;
RECORD IN PLAT
BOOK 7601
4. TOPOGRAPHY SHOWN
HEREON IS BASED ON
HOWARD COUNTY
AERIAL TOPOGRAPHIC
MAP 238-28.
5. CONTRACTOR TO SET
GRADE IN FIELD.
6. TRENCHES TO BE
LOCATED IN FIELD
BY HOWARD COUNTY
HEALTH DEPARTMENT.



TRENCH LENGTH TO BE
 DETERMINED AT TIME
 OF SEPTIC PERMIT
 ISSUANCE.

LOTS

6/8/90
 Revised Plan OK
 RH

HARDY ROAD

B 1 2384

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

H0-88-1068

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

please print or type

Date Received (APA) 2 PM - 11/22/89. OWNER INFORMATION: MCGLYNN KENNETH H. 5864 STEPRIDGE DR. ELKRIDGE MD 21227

LOCATION OF WELL: HOWARD RD. LAUREL. SECTION 44 46 LOT 5. MT AIRY. MILES FROM TOWN 2 MI.

DRILLER INFORMATION: George F. EASTERDAY, L. Franklin EASTERDAY, Inc. 9265 Brown Church Rd., Mt. Airy, Md. 21771. Signature: G. F. Easterday, Date: 9/19/89.

DIRECTION OF WELL FROM TOWN (CIRCLE BOX): SE. NEAR WHAT ROAD: HARDY RD. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): EAST. DISTANCE FROM ROAD: 200 FT.

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

USE FOR WATER (CIRCLE APPROPRIATE BOX): D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY).

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: COUNTY NAME HOWARD, COUNTY NO. A* 38669. DATE ISSUED 101389, CO SIGNATURE Charles B. [Signature], EXP. DATE 11/13/89. NORTH GRID 550000, EAST GRID 0763000.

APPROXIMATE DEPTH OF WELL 200 FEET.

APPROXIMATE DIAMETER OF WELL 6 INCH.

METHOD OF DRILLING (circle one): BORED (or Augered) AIR-ROTARY, JETTED, Jetted & DRIVEN, ROTARY (Hydraulic Rotary), Drive-POINT.

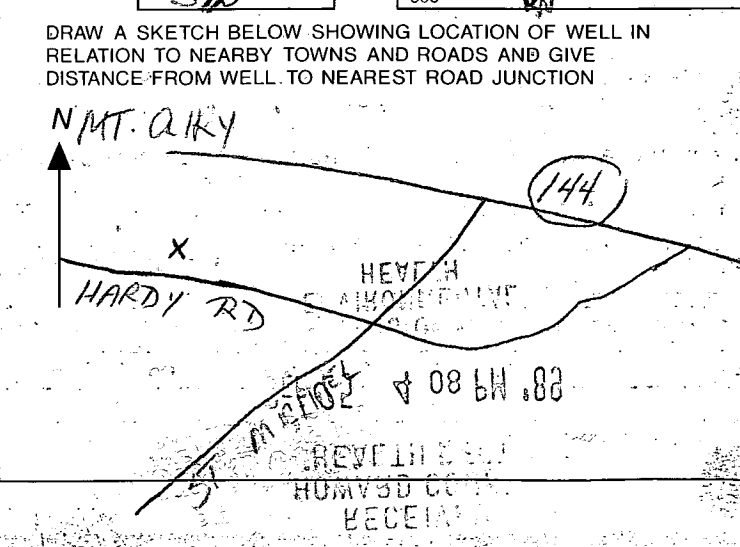
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX): N THIS WELL WILL NOT REPLACE AN EXISTING WELL.

APPROX. PERMIT NUMBER GAP.

FORCE CM PERMIT No. H0-88-1068.

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X: 11/22/89. SOURCES OF DRILLING WATER: 1. Well. WRITE THE BOX NUMBER FROM THE MAP HERE: 7603, 54650.



C1 1158 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A# 38669

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 112289

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-88-1068

OWNER MC CLYNN KENNETH H. last name first name TOWN MT. AIRY STREET OR RFD HARDY ROAD SUBDIVISION LAUREND SECTION LOT 5

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include: Top soil (0-2), Clay (2-5), Shaley (5-12), Blue slate (12-55), Brown slate (55-62), Gray slate (62-700).

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY CEMENT BENTONITE CLAY NO. OF BAGS 7 NO. OF POUNDS 700

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 1 Total depth of main casing (nearest foot) 25

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.) 110 23 400 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

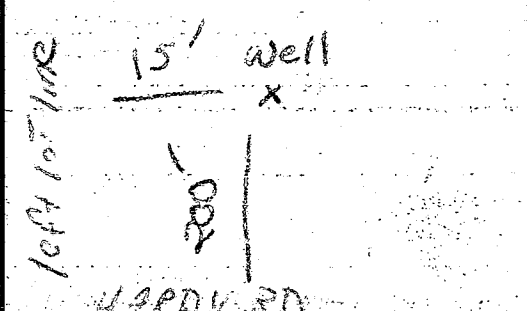
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 54 WHEN PUMPING 204 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) LAND SURFACE 2 (nearest foot)

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



CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "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. 41

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

call on Monday
11-27-89
8:00

Review OK MR 3/2/90

Page _____ of _____
Date _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88 - 1068
Location of property (road) HARDY ROAD
Subdivision LAUR RND Lot 5 Block - Plat - Sec. -
Well Driller G.F. EASTERDAY Owner M. GLYNN, KENNETH H.

Depth of well 400 2 GPM
Distance of measuring point (M.P.) above ground 1 1/2 Foot
Static water level (S.W.L.) below M.P. 54 FEET

I. High rate pumping -- reservoir drawdown Pump Set At 350 FEET
Time pump started 8:20 Pumping rate 12 G.P.M.
Total time 40 min to reach pumping water level 204 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE, time to fill 2 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:00	204 FEET	30 SECONDS	N/A	2 GALLONS G.P.M.
9:15	204 FEET	30 SECONDS		2 GALLONS
9:30	204 FEET	30 SECONDS		2 GALLONS
9:45	204 FEET	30 SECONDS		2 GALLONS
10:00	204 FEET	30 SECONDS		2 GALLONS
10:15	204 FEET	30 SECONDS		2 GALLONS
10:30	204 FEET	30 SECONDS		2 GALLONS
10:45	204 FEET	30 SECONDS		2 GALLONS
11:00	204 FEET	30 SECONDS		2 GALLONS
11:15	204 FEET	30 SECONDS		2 GALLONS
11:30	204 FEET	30 SECONDS		2 GALLONS
11:45	204 FEET	30 SECONDS		2 GALLONS
12:00	204 FEET	30 SECONDS		2 GALLONS
12:15	204 FEET	30 SECONDS		2 GALLONS
12:30	204 FEET	30 SECONDS		2 GALLONS
12:45	204 FEET	30 SECONDS		2 GALLONS
1:00	204 FEET	30 SECONDS		2 GALLONS
1:15	204 FEET	30 SECONDS		2 GALLONS
1:30	204 FEET	30 SECONDS		2 GALLONS
1:45	204 FEET	30 SECONDS		2 GALLONS
2:00	204 FEET	30 SECONDS		2 GALLONS
2:15	204 FEET	30 SECONDS		2 GALLONS
2:30	204 FEET	30 SECONDS	A. Ray / Hawley Jr.	2 GALLONS
2:45	204 FEET	30 SECONDS	11-27-89	2 GALLONS
HD-224 3:00	204 FEET	30 SECONDS		2 GALLONS

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X Replacement _____ Receipt # 416508
Date 11/7/90
Name of Installer Cannon Water Systems Inc Telephone 870-6880
License Number PI 074
Certified Well Pump Installer X Well Driller _____ Registered Plumber _____
Name of Property Owner Honestead Builders Inc Telephone 549-6852
Subdivision _____ Lot # 5 Well Tag # HO-88-1068
Site Address 11620 HANCOCK RD

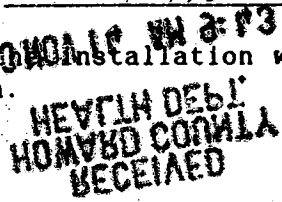
Pump Motor Pitless Adapter
1. Type 1. Horsepower 3/4 1. Make MANTINSON
a. Deep well jet _____ 2. RPM 3470 2. Model # B10X
b. Shallow well jet _____ 3. Voltage _____ 3. Depth 4'
c. Submersible X a. 110 _____
2. Make 4XLN-21 b. 220 X
3. Model # DFM100
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes X No _____
6. If Yes, is low pressure cutoff switch installed? Yes X No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Tank Piping Well data
1. Capacity 82 1. Type Plastic 1. Depth 400' ft.
2. Pressure relief valve? Yes 2. Size 1" 2. Yield 2 GPM
3. NSF and/or BOCA Code approved Yes 3. Static water level ✓ ft.
4. Depth of supply line 4' 4. Will water supply be disinfected by installer? No

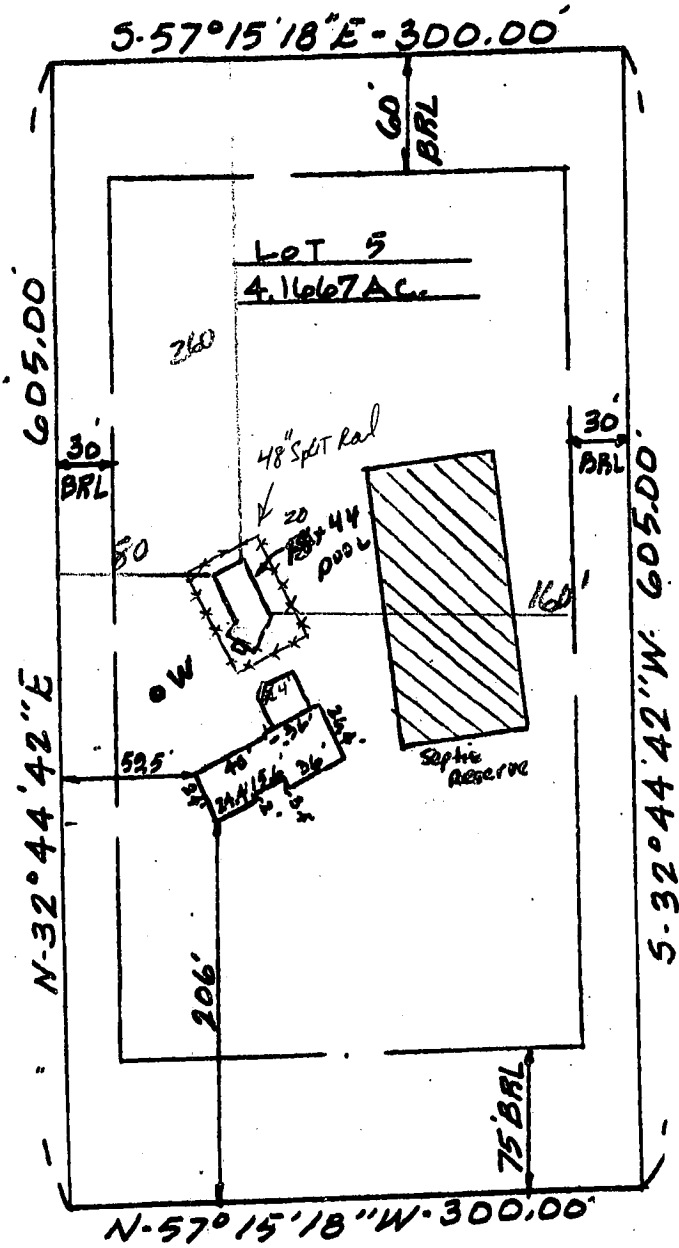
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.
Signature of Applicant: _____
Date: 11/7/90

Note: A sticker indicating approval/status of this installation will be placed on the well casing at the time of the inspection.

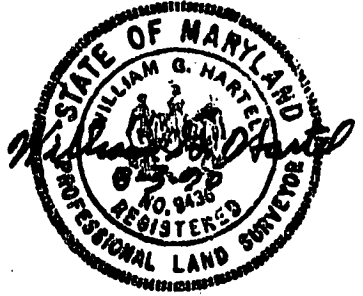


The lot shown hereon does not lie within the limits of a recorded Floodplain Easement



6/19/02 -
proposed pool on
SRU

600137016



HARDY (50' RW) ROAD

KHM : Initial
5/29/02 : Date

Plat Reference: Laurand-Lots 1-8, recorded
in Platbook 760

TITLE LOCATION SURVEY				
PROJECT LOT 5 - LAURAND				
LOCATION 4th ELECTION DISTRICT, HOWARD CO., MD.				
FIELD BOOK 128	PAGE NO. 46	DRAWN BY: BH	CHECKED BY 2	DATE: 8-3-00
SCALE 1" = 100'			JOB NO.: 00036	

THIS IS TO CERTIFY THAT WE HAVE CONDUCTED A LOCATION SURVEY OF THE IMPROVEMENTS AND THAT THEY ARE LOCATED AS SHOWN HEREON.
William G. Hartel
SIGNATURE

REG. NO. **9436** DATE **8-3-00**

Boender Associates
ENGINEERS - PLANNERS - SURVEYORS

3230 BETHANY LANE
ELLCOTT CITY, MD. 21043
(301) 465-7777 FAX: (301) 465-7966

THE INFORMATION ON THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS INDICATED HEREON ARE CONTAINED WITHIN THE CONFINES OF THE LOT UPON WHICH THEY ARE ERECTED. THIS PLAT IS NOT TO BE CONSTRUED AS, OR USED FOR THE ESTABLISHMENT OF PROPERTY LINES.