

7/19/89 ASAP

04-348427

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 43890

A 38926

DISTRICT 4th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE 3/29/89

DATE SYSTEM APPROVED 9/19/89

INSPECTOR RH

INDEXED

Dale Fogle IS PERMITTED TO INSTALL ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5670

SUBDIVISION Patrick Property ROAD 2150 1960 Daisy Road LOT B

PROPERTY OWNER Dennis and Nancy Patrick

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

210
3
3
210 ft trench

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 230 feet from the front lot line and 30 feet from the right lot line as seen when facing the lot from Daisy Road. Run trenches on contour toward the left side line.

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

9-1889 OK to use 2-105 ft trenches if can maintain 10 ft from lot lines; otherwise upper trench 100 ft, lower trench 110 ft OK JED

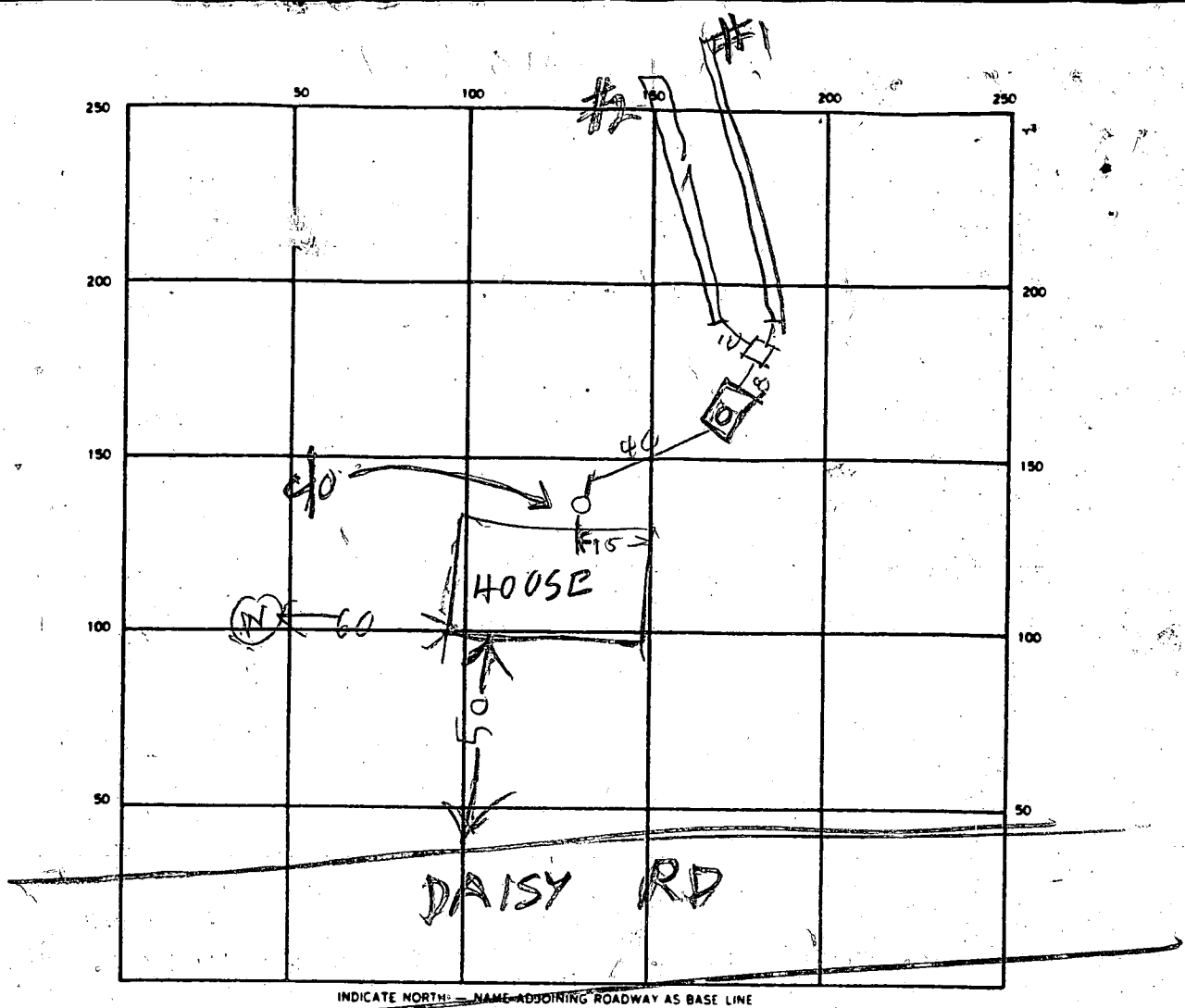
PLANS APPROVED BY Sid Abel DATE 3/28/89

- 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

A
38926

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH - NAME-ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK, 000 CLEANOUTS ~~ST~~ | ~~HOUSE SEWER~~
OK
 DISTRIBUTION BOX LEVEL OK
 DRAIN FIELD/TILE FIELD DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/4 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 110 FT. 100 FT. 210 FT. TOTAL
 NUMBER OF TRENCHES 2 ONE-SIDEWALL/BOTTOM AREA 630 SQ. FT.
 DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS 9/19/89 - LOCATION OK. TRENCHES OK. RH

DATE SYSTEM APPROVED 9/19/89 INSPECTOR Raymond Hodges

APPLICATION

Permit 4-8-87 11:30am

PERCOLATION TESTING

A 38926

P _____

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

*4/8/87
perc OK'd pending
approved plans
(B)*

DISTRICT 4

DATE 3-6-87

Called dat to David Patrick

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 David + James Patrick

ADDRESS 1960 Daisy Road - Woodlawn, md PHONE 489-4160

PROSPECTIVE BUYER Dennis Patrick

ADDRESS 1960 Daisy Road - Woodlawn, md PHONE 489-4160

PROPERTY LOCATION:
SUBDIVISION Maple Hill Farm LOT NO. ~~1~~ "B"

ROAD AND DESCRIPTION 1960 Daisy Road

TAX MAP _____ PARCEL # _____
SIZE OF LOT Law 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. David Patrick
(SIGNATURE OF APPLICANT)

APPROVED BY B N yon FOR shallow only DATE 6/7/88

REJECTED BY _____ FOR _____ DATE _____

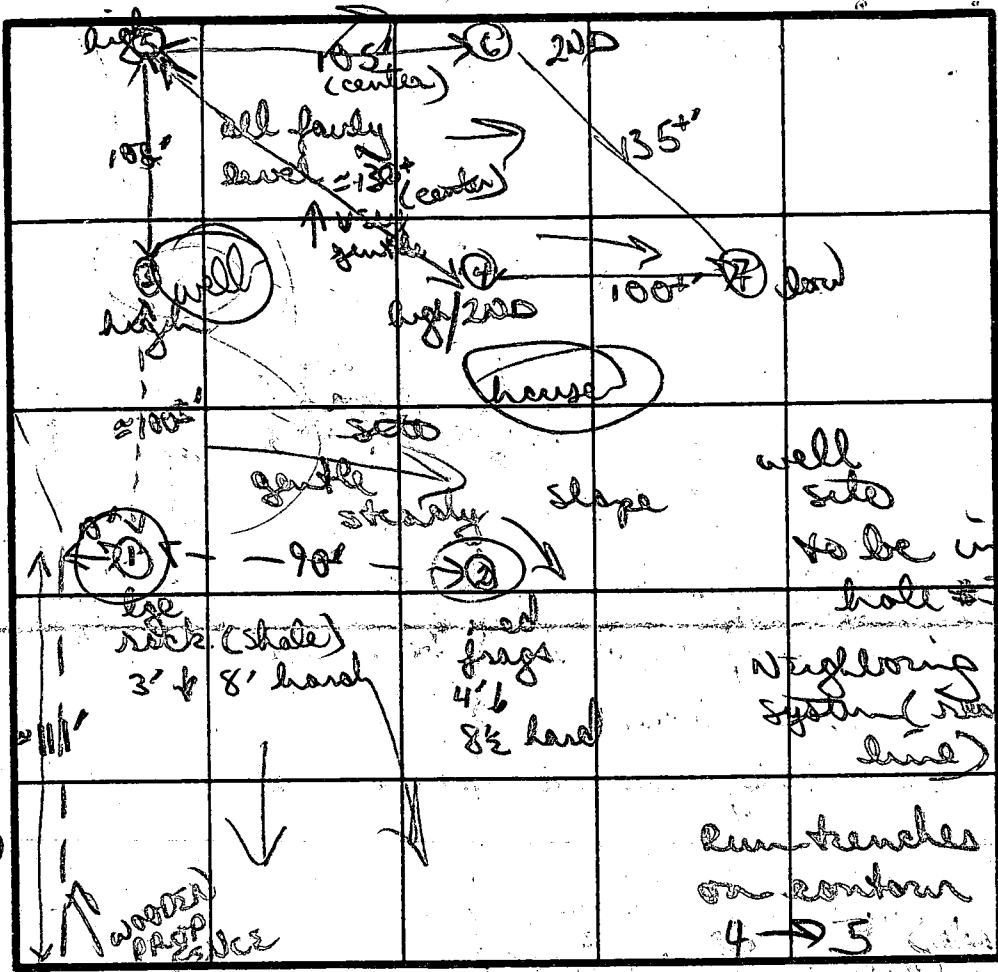
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for certified plat w/ field located holes + elevations

BOG. PERMIT SIGNED AND RETURNED 3-28-87 6/7/88 perc cert plat received + OK'd for signature
SA

THIS IS NOT A PERMIT

SOIL PROFILE (7)
 red/purple clay 2'
 w/ edges of small to large shale frags 5'
 ↓
 8' hard



(7)
 purple/brown silty clay mix 3'
 15-20% med frags 4-8 1/2' to 45% ↓ 12'D
 existing along fence
 neighboring system (run line)
 run trenches on contour 4-5
 PRE-WET 3 1/2
 MAX D 5 1/2

(3), (6), (5)
 brown/purple clay/clay lean 3'
 to powdery brown purple silty lean w/ 10% small frags 4 1/2' ↓

13'
 (4)
 similar to #3 w/ 15% med 6' ↓

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.


DAISY ROAD

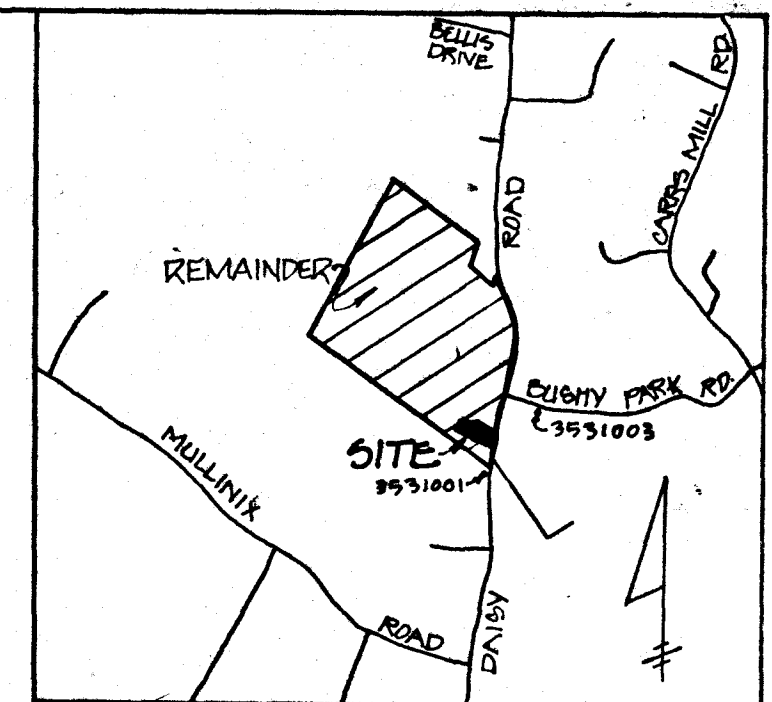
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/8/87	(142)	8-9"	NOT USED		ROCK			
	3	3 1/2'	Times would be similar					} would test OR but need area for well
		8' M						
		13' D	bottom (see profile)					
	(4)	3 1/2'	104	106	106	109	3 MIN	
		12' D	bottom (see profile)					
	(7)	3'	116	118	118	120	3 MIN	
		11'	hard bottom					
	(6)	3 1/2'	122	123	123	124	1 MIN	
		12' D	bottom (see profile)					
	(5)	3' S	127	130	130	133	3 MIN	
		7' M	126	128	128	130	2 MIN	
		12' D	bottom (see profile)					

REMARKS: hole 1 on knoll of prop; 142 not used due to rock SHALLOW SYSTEM ONLY
 TYPE OF SOIL: brown/purple clay silty lean w/ varying degrees of rock
 TESTED BY: B Nyxon
 ALSO PRESENT: Neal, Chris, owner
 Allen

COORDINATES		
NO.	NORTH	EAST
85	538765.338	782466.595
86	538772.905	782427.325
87	538840.334	782404.061
88	538835.846	782444.491
90	538860.551	782225.415
91	538727.965	782059.594
92	539026.235	782116.748
93	538786.103	782228.448
94	539000.856	782283.506

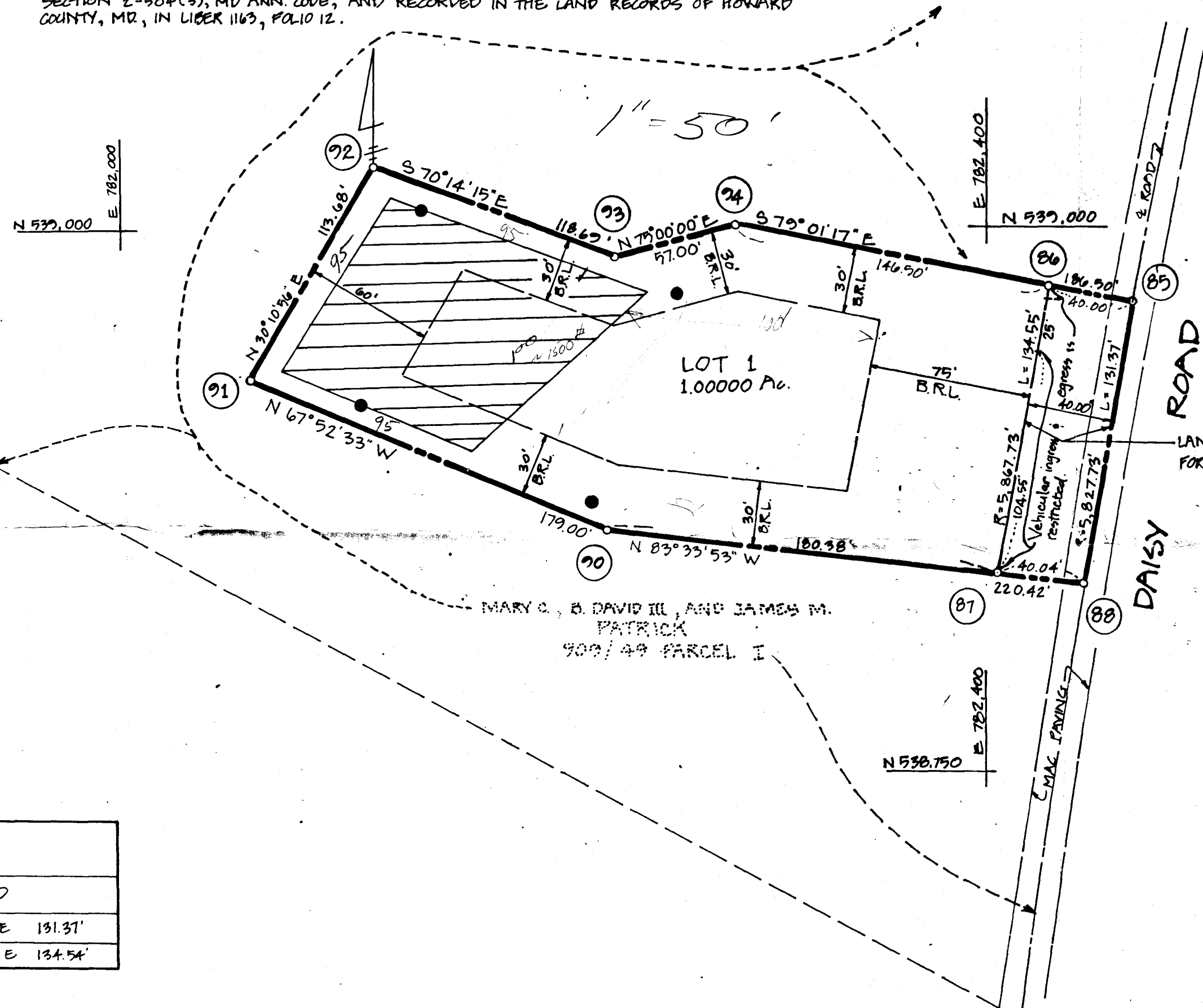
NOTES

1. THE COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM AND HOWARD COUNTY CONTROL STATIONS 3531003 AND 3531001.
2. SUBJECT PROPERTY ZONED 'R' PER 8-25-85 COMPREHENSIVE ZONING PLAN.
3.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 # AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE ARE RESTRICTED IN THIS AREA UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
5. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
6. ● DESIGNATES SUCCESSFUL PERC TEST.
7. SUBJECT PROPERTY SUBJECT TO AN AGRICULTURAL PRESERVATION EASEMENT BY THE MARYLAND AGRICULTURAL LAND PRESERVATION FOUNDATION OF THE DEPARTMENT OF AGRICULTURE PER TITLE 2 OF SUBTITLE 5 OF THE AGRICULTURE ARTICLE, MD ANN. CODE, SECTION 2-504(3), MD ANN. CODE, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MD, IN LIBER 1163, FOLIO 12.



VICINITY MAP
SCALE: 1" = 200'

1987



NOTES (CONT.)
a. THIS PLAT SUBJECT TO V.P.* AND V.P.*

CURVE DATA

NO.	RADIUS	ARC	DELTA	TANGENT	CHORD
88-89	5827.73'	131.37'	1°17'30"	65.69'	N 09° 42' 15" E 131.37'
87-86	5867.73'	134.55'	1°18'50"	67.28'	N 09° 41' 52" E 134.54'

TABULATION OF FINAL PLAT
TOTAL NO. OF LOTS AND/OR PARCELS TO BE RECORDED: 1
TOTAL AREA OF LOTS AND/OR PARCELS: 1.00000 AC.
TOTAL AREA OF ROADWAYS: 0.12211 Ac.
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 1.12211 Ac.

Due 6-1
Septic

APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR DATE

OWNER'S CERTIFICATE

WE, MARY C. PATRICK, B DAVID PATRICK, III AND JAMES M. PATRICK, OWNERS OF THE PROPERTY DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS.

Mary C. Patrick 4-22-88 DATE

MARY C. PATRICK WITNESS DATE

B. DAVID PATRICK, III DATE


B. DAVID PATRICK, III WITNESS DATE

James M. Patrick 4-22-88 DATE

JAMES M. PATRICK WITNESS DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY B. DAVID PATRICK, III TO MARY C. PATRICK, B. DAVID PATRICK, III AND JAMES M. PATRICK, AS TENANTS IN COMMON, BY DEED DATED OCTOBER 17TH, 1978 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MD., IN LIBER 909, FOLIO 49 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, MARYLAND, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.



G. SCOTT SHANABERGER 5/6/88 DATE

PROFESSIONAL LAND SURVEYOR #10843

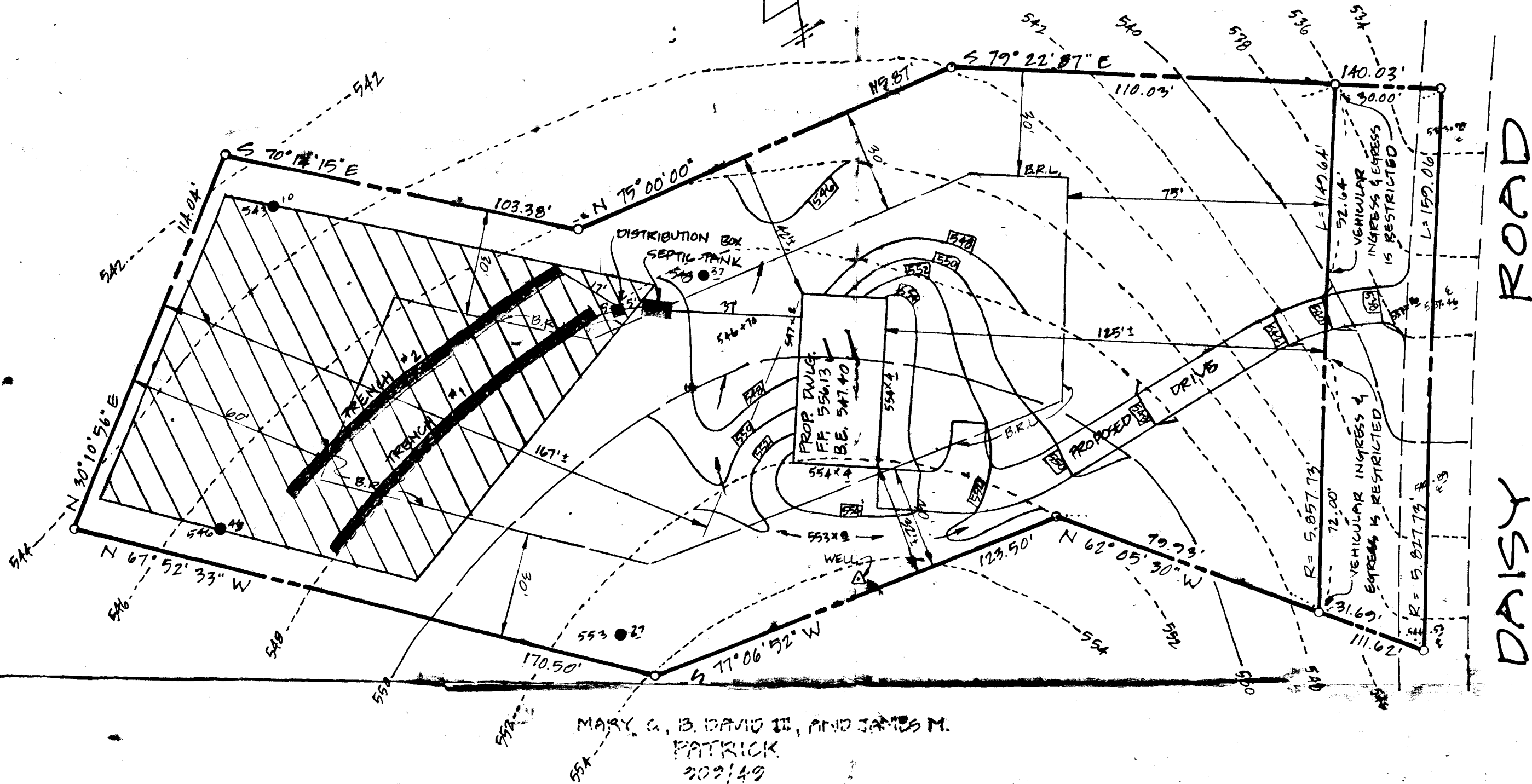
SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD. SUITE 203
ELLCOTT CITY MARYLAND 21043
(301)461-9563

FINAL PLAT
LOT 1

PATRICK PROPERTY
4TH ELECT. DIST. HOWARD CO. MD.
TAX MAP 7 PARCEL 141
SCALE: 1"=50' APRIL 7 1988

F-88-250

MARY G., B. DAVID III, AND JAMES M.
PATRICK
302/49



DAISY ROAD

NOTE :

- DENOTES 10,000 sq ft PRIVATE SEPTIC EASEMENT
- DENOTES BUILDING RESTRICTION LINES

SEPTIC SYSTEM DATA

INV. E HOUSE 545.37' + OSMT

SEPTIC TANK

EX. GRADE 548.5 ✓
FIN. GRADE 548.5 ✓
INV. IN 545.0 ✓
INV. OUT 544.7 ✓

DISTRIBUTION BOX

EX. GRADE 548.1 ✓
FIN. GRADE 548.1 ✓
INV. IN 544.6 ✓
INV. OUT 544.6 ✓

TRENCHES (LENGTH AND NUMBER TO BE DETERMINED BY HOWARD COUNTY HEALTH DEPARTMENT)

	TRENCH #1	TRENCH #2
EX. GRADE	548.0 ✓	547.0 ✓
FIN. GRADE	548.0 ✓	547.0 ✓
INV. IN	544.5 ✓	543.5 ✓

BROG. PERMIT SIGNED
AND RETURNED 3-28-89
BY 21330
SK

NOTE: BASEMENT SEWER SERVICE IS POSSIBLE.
TOPOGRAPHY ON REAR PART OF LOT: FIELD RUN
TOPOGRAPHY ON FRONT PART OF LOT: AERIAL TOPO

SHANABERGER LANE
8726 TOWN & COUNTRY BLVD.
SUITE 107
ELLCOTT CITY, MD 21043
(301) 461-2563

SITE PLAN LOT 1 PATRICK PROPERTY
PLAT # 0206
4TH ELECTION DISTRICT
HOWARD COUNTY, MD
SCALE: 1" = 30'
DATE: 3/15/89

B 1 7960 SEQUENCE NO. (DP 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

STATE PERMIT NUMBER
40-88-0402
fill in this form completely

Date Received (APA) 010881
OWNER INFORMATION
PATRICK DENNIS
1760 DAVIS RD
GROVE TOWN MD 21797

B 3 LOCATION OF WELL
HOWARD COUNTY
PATRICK PROPERTY
SECTION 44 LOT 1
LISBON NEAREST TOWN
MILES FROM TOWN 4 MI

DRILLER INFORMATION
Joseph H. Mayne
5512 Ridge Rd. Mt. Airy, Md. 21771
1/3/89

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
DAISY ROAD NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 125 FT

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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
HOWARD COUNTY NO. 38926
STATE SIGNATURE DATE ISSUED 020389
NORTH GRID 538000 EAST GRID 0782000

APPROXIMATE DEPTH OF WELL 200 FEET

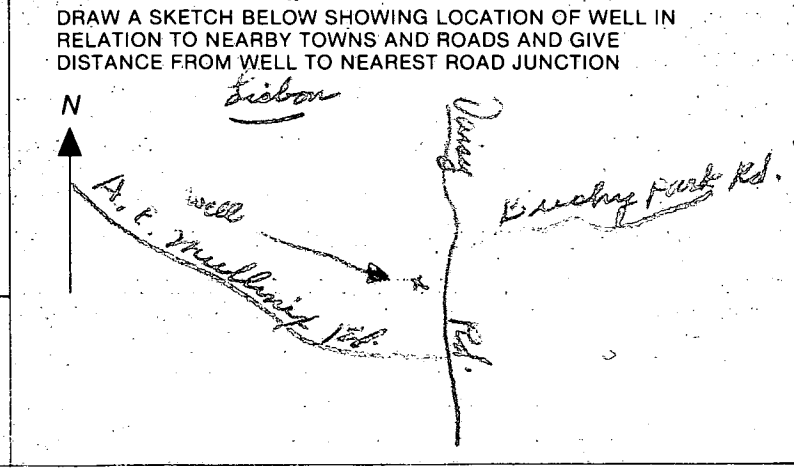
APPROXIMATE DIAMETER OF WELL 6 INCH

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.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
E 780 N 5388
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER G A P
FORCE INITIALS PERMIT No. 40-88-0402



SPECIAL CONDITIONS
COUNTY

C1 2270 SEQUENCE NO. (DENV 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 38926

DATE RECEIVED DATE WELL COMPLETED 030389

Depth of Well 22 920 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-89-0402

OWNER DATE RICK STREET OR RFD SUBDIVISION SECTION LOT 1

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. Includes handwritten entries: Brown Sand, Blue Rock.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 14 NO. OF POUNDS 1316

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT)

DEPTH (nearest ft.) table with columns for depth intervals (8-9, 11-15, 17-21, etc.)

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...

DRILLERS IDENT NO. 238 DRILLERS SIGNATURE Joseph P. Maize

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

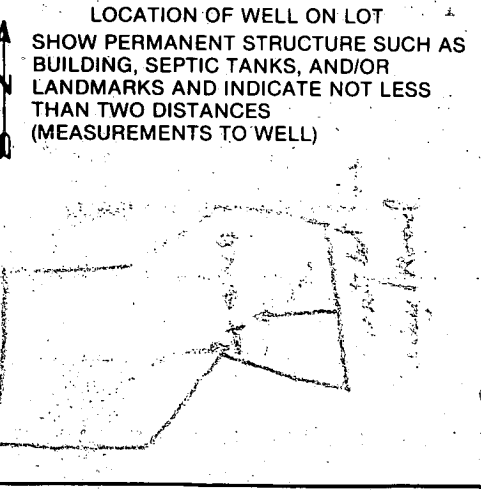
SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 201 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 5.6 WHEN PUMPING 236 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet 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 (nearest foot)



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0402
 Location of property (road) DAISY ROAD
 Subdivision PATRICK PROPERTY Lot 1 Block - Plat - Sec. -
 Well Driller J.L. MAYNE Owner PATRICK, DENNIS, NANCY

Depth of well 320
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 56'

I. High rate pumping -- reservoir drawdown

Time pump started 7:45 Pumping rate 15 G.P.M.
 Total time 45 min to reach pumping water level 234 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	179	4 sec	N/A	15 G.P.M.
8:15	235	5		12
8:30	234	25		2.4
8:45	234	25		2.4
9:00	234	25		2.4
9:15	234	25		2.4
9:30	234	25		2.4
9:45	234	25		2.4
10:00	234	25		2.4
10:15	234	25		2.4
10:30	234	25		2.4
10:45	234	25		2.4
11:00	234	25		2.4
11:15	234	25		2.4
11:30	234	25		2.4
11:45	234	25		2.4
12:00	235	25		2.4
12:15	235	25		2.4
12:30	235	25		2.4
12:45	235	25		2.4
1:00	236	25		2.4
1:15	234	28		2.1
1:30	234	28		2.1
1:45	234	28		2.1
HD-224 00	234	28		2.1
2:15	234	28		2.1

8/22/89

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 Replacement
Receipt # 413970
Date 3-30-89
Name of Installer SERAPHIN PLUMBING Telephone 489-5039
License Number 15699
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner DENNIS + NANCY PATRICK Telephone N/A
Subdivision MAPLE DELL FARMS Lot # L Well Tag # 40-88-0402
Site Address DAISY ROAD WOODBINE, MD. 21797

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make A.E.R. MOTOR
3. Model # A-5-B-75
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes No
6. If Yes, is low pressure cutoff switch installed? Yes No
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Motor
1. Horsepower 3/4
2. RPM 3450
3. Voltage
a. 110
b. 220

Pitless Adapter
1. Make HARVARD
2. Model # PT 800
3. Depth 3.5 FT.

Tank
1. Capacity 36 actual GAL.
2. Pressure relief valve? Yes

Piping
1. Type PLASTIC
2. Size 1"
3. NSF and/or BOCA Code approved Yes
4. Depth of supply line 3.5 FT.

Well data
1. Depth 320 ft.
2. Yield 21 GPM
3. Static water level 56 ft.
4. Will water supply be disinfected by installer? Yes

8/22/89 Pitless AT 48"- well line 48"-60" below grade - no pump seen, INSIDE well complete
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: Philip H. R. [Signature]

Date: 3-30-89

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