

8-25-86  
AF 2076  
LONER

5/21/86  
Septic Ord  
V. J. [initials]

# PERMIT

P 36976  
A 33611

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~

461-9933

INDEXED

ELLICOTT CITY

DISTRICT 3rd

DATE 5/20/86

Souder Builders, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 9335 Old Scaggsville Road, Laurel, MD 20707 PHONE \_\_\_\_\_

SUBDIVISION Pride's Crossing ROAD 11621 Carroll Mill LOT 2

PROPERTY OWNER Glen Johnson

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 125 feet from the left (321 ft.) Lot line and 155 feet from the front (540 ft.) Lot line as seen when facing the lot from Right-of-way. Run trenches on contour toward the left (321') lot line.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is require. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/cw

PLANS APPROVED BY S. Abel DATE 5/12/86

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE 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.

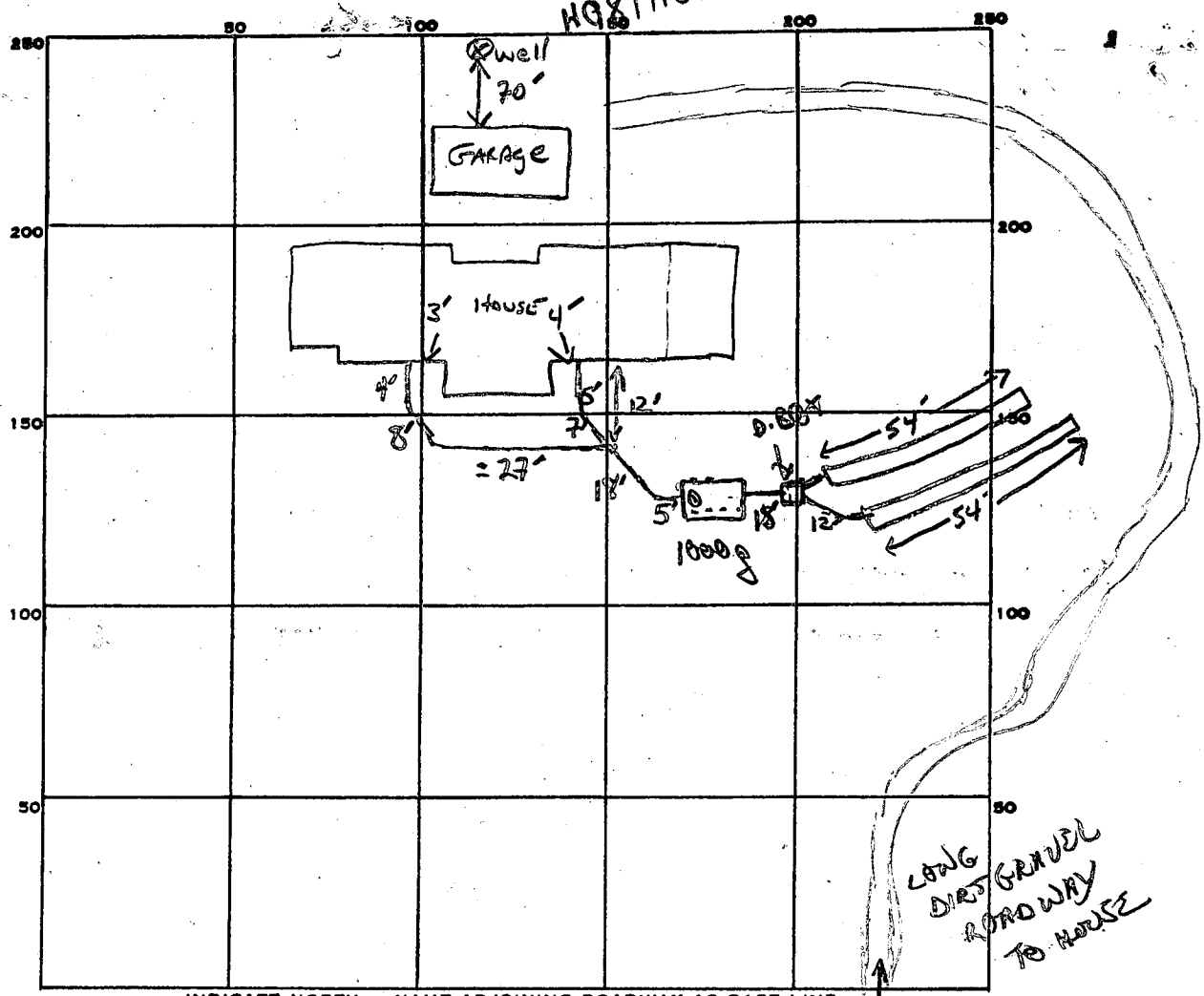
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

~~CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.~~

EH - 2-1082

A 33611

HQ81165



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

CARROLL MILL RD  
↓  
FOLEY QUARTER RD

PERMIT CARD cont final

SEPTIC TANK, LEVEL 1000 gal CLEANOUTS 1 S.T.

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 8 & 8 FT. TRENCH WIDTH 2 FT. INLET 3'

GRAVEL DEPTH 5' & 5' IN. TOTAL LENGTH 54 54 FT. TOTAL 108'

NUMBER OF TRENCHES 2 ONE SIDE WALL TOTAL BOTTOM AREA 270 & 270

SEE PAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 540 SQ. FT.

54  
3  
270

REMARKS 8-25-84 OK TO ADD STONE TO BOTH TRENCHES. S. Alan

8/26 OK to add paper to trench #1 OK to finish adding stone  
pipe paper to trench #2. OK to finish cementing all  
piping  
OK to cover both trenches & all other work

DATE SYSTEM APPROVED 8/26/86 INSPECTOR B Nifan

SUBDIVISION: PRIDE'S CROSSING

LOT NUMBER: 2

DRY WELL OR DRY WELL AND TRENCH

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

\_\_\_\_\_ 180 sq. ft./bedroom 4

Trench to be 2 wide.

Inlet 3 feet below original grade.

Bottom maximum depth 8 feet below original grade.

Effective area begins at 3 feet below original grade.

5 feet of stone below distribution pipe.

5-720 # 144  
does not include disposal  
2-75 ft. long trenches

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: LOCATION TO BE DETERMINED AT TIME OF

BUILDING PERMIT. 9/15/85 CWL

5-12-86 PLACE THE DISTRIBUTION BOX 125 FEET FROM THE LEFT (321 FE) LOT

LINE AND 155 FEET FROM THE FRONT (540 FE) LOT LINE AS SHOWN WHEN

FACING THE LOT FROM R.O.W.; RUN TRENCHES ON CONTOUR TOWARD THE

LEFT (321) LOTLINE. S. AND 5-12-86.

BLDG. PERMIT SIGNED  
AND RETURNED 5-16-86

# APPLICATION

Prelim

3/7/84

9:30 a.m. p.m.

A 33611

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT ✓

DATE 13/2/84

inlet 3 ft.

*Oliver Johnson*

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. RONALD ROTH OWNER~~ / ~~J.P. CUGLE CONTRACT PURCHASERS~~  
GE JOHNSON - 646-0870 OFF

ADDRESS 1 8388 COURT AVE PHONE ~~988-9606~~ 11  
*Joyce R. Harps*

PROPERTY LOCATION:

SUBDIVISION PROPERTY OF RONALD ROTH LOT NO. ✓

C APRILL MILL RD  
ROAD AND DESCRIPTION 12800' ± SOUTHEASTERLY FROM INTERSECTION OF FOLLY QUARTER RD.  
#11621  
AND CARROLL MILL RD. (ON CARROLL MILL RD)

SIZE OF LOT ✓ 16.221 ACRE TYPE BLDG. ✓ SINGLE FAMILY 3-4 BR.  
(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. *Oliver Johnson* *J.P. Cugle*  
(SIGNATURE OF APPLICANT)

APPROVED BY C. Wells FOR TRENCHES DATE 9/18/85

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

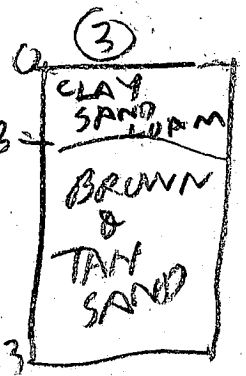
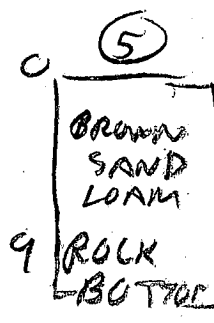
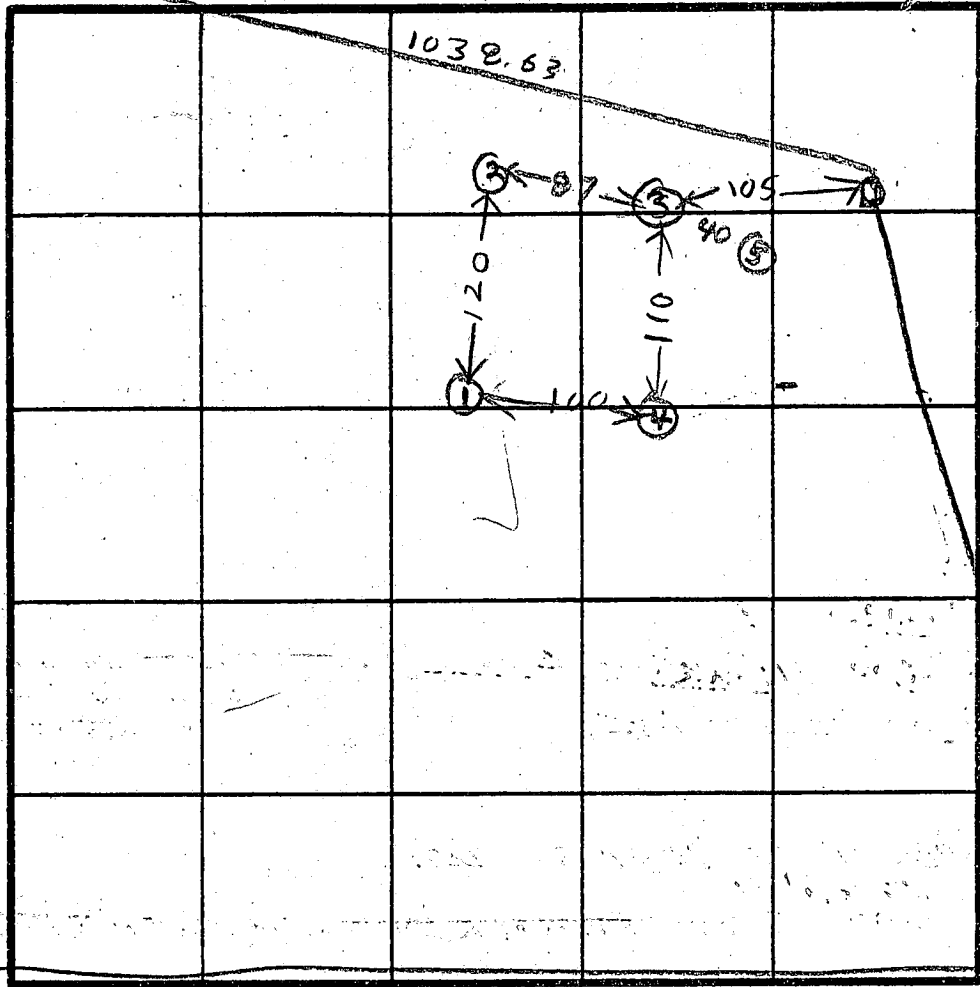
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 3/7/84 PERC OK HOLD FOR  
CERTIFIED HOLE PLAT BP 70374

BLDG. PERMIT SIGNED  
AND RETURNED 5-16-86

# THIS IS NOT A PERMIT

See plat elsewhere



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
3/7/84	1V	13	LOOKS	OK			
	2S	2	155	200	200	220	12
	2D	5	155	157	157	159	2
	2V	13	LOOKS	OK			
	3S	2	200	209	209	224	15
	3D	5	220	222	222	224	2
	3V	13	LOOKS	OK			
	4S	3	220	241	241	259	18
	4V	13	LOOKS	OK			

HIGHEST

REMARKS

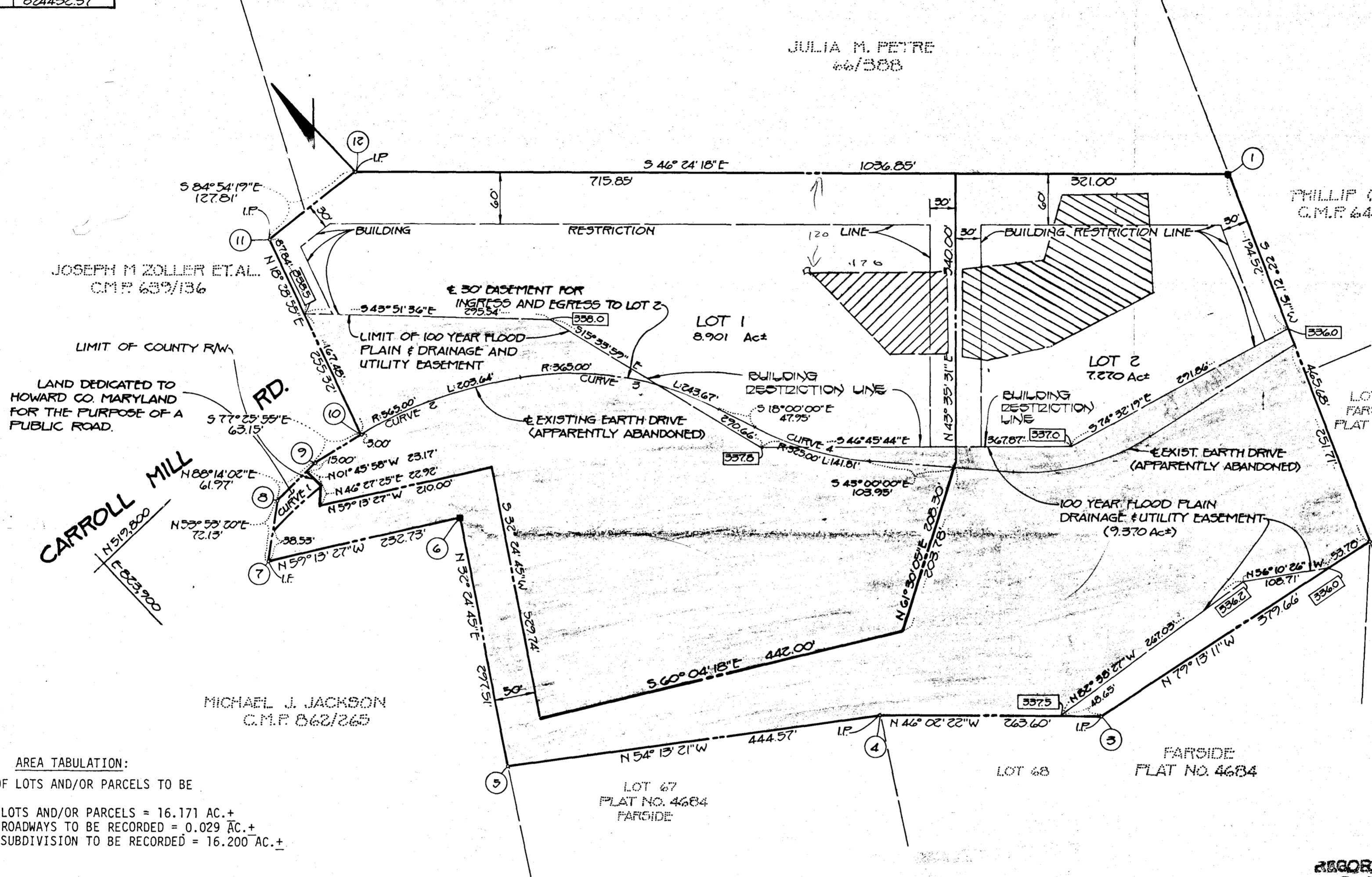
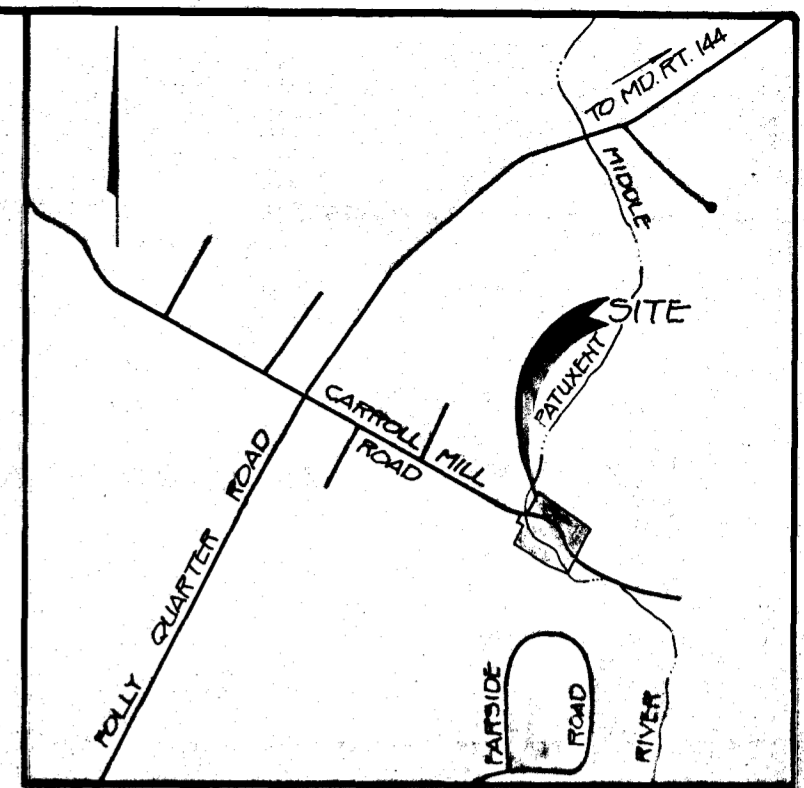
TYPE OF SOIL

TESTED BY

B. HODGES

FYOCK CO SKIPOGARY  
FATHER OF OWNER  
ALSO PRESENT HERB JOHNSON

COORDINATE TABLE		CURVE TABLE						
PT.	NORTH	EAST	NO.	RADIUS	LENGTH	TANGENT	Δ	CHORD BEARING & DISTANCE
1	519215.07	825183.29	1	540.00'	74.89'	37.51'	07°56'46"	N 88°32'05"W 74.83'
2	518784.42	825006.15	2	565.00'	203.64'	102.94'	30°39'03"	S 46°34'32"E 202.54'
3	518855.44	824633.18	3	365.00'	243.67'	126.57'	38°15'00"	S 37°07'30"E 239.17'
4	519038.41	824443.44	4	325.00'	141.81'	72.05'	24°59'59"	S 30°30'00"E 140.68'
5	519298.33	824082.76	5	275.00'	170.08'	87.86'	35°26'11"	S 60°43'06"E 167.38'
6	519349.47	824042.23						
7	519668.58	824042.27						
8	519711.07	824100.54						
9	519713.00	824162.48						
10	519699.25	824224.12						
11	519741.41	824305.06						
12	519730.05	824432.37						



- VICINITY MAP**  
SCALE: 1"=2000'
- NOTES:**
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION 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.
  - 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.
  - SUBJECT PROPERTY ZONED "R" PER 10/3/77 COMPREHENSIVE ZONING PLAN.
  - THE COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM.
  - THIS PLAN IS SUBJECT TO VP-84-101.
  - FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.
  - 336.0 DENOTES APPROXIMATE ELEVATION OF 100 YEAR FLOOD LEVEL.
  - THE COORDINATES SHOWN HEREON ARE BASED ON HOWARD COUNTY CONTROL STATIONS:  
STA. 3138006 N 520865.774 E 821837.134  
STA. 3137003 N 520452.621 E 821610.846
  - I.P. DENOTES IRON PIPE FOUND.
  - DENOTES CONC. MON. FOUND.
  - LOTS 1 AND 2 SHALL USE EXISTING CULVERT AT CARROLL MILL ROAD FOR ACCESS.
  - FLOOD PLAIN ELEVATIONS DERIVED FROM HOWARD COUNTY CAPITAL PROJECT NO. D-1028, MIDDLE PATUXENT RIVER DRAINAGE STUDY.

**AREA TABULATION:**

- TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED = 2
- TOTAL AREA OF LOTS AND/OR PARCELS = 16.171 AC. +
- TOTAL AREA OF ROADWAYS TO BE RECORDED = 0.029 AC. +
- TOTAL AREA OF SUBDIVISION TO BE RECORDED = 16.200 AC. +

**FISHER, COLLINS, and CARTER, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
3308 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043  
TEL: (301) 461-2855

**OWNER and DEVELOPER**  
JOHN P. and KATHY A. CUGLE  
8293 MAIN STREET  
ELLCOTT CITY, MD. 21043

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]*  
HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*[Signature]* 9-27-85  
DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 9-26-85  
DIRECTOR DATE

**OWNER'S CERTIFICATE:**

WE, JOHN PHILLIP CUGLE AND KATHY ANNE CUGLE, OWNERS OF THE PROPERTY SHOWN AND 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 AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, 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 STRUCTURES OF ANY KIND SHALL BE ERCTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS.

WITNESS OUR HANDS THIS 26th DAY OF MARCH, 1985.

*[Signature]* JOHN PHILLIP CUGLE  
*[Signature]* KATHY ANNE CUGLE  
*[Signature]* Jean M. Mulligan WITNESS

**SURVEYOR'S CERTIFICATE:**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL THE LAND CONVEYED BY J. RONALD ROTH TO JOHN PHILLIP CUGLE AND KATHY ANNE CUGLE, HIS WIFE, BY DEED DATED APRIL 10, 1984 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER C.M.P. 1241 AT FOLIO 565 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 AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

*[Signature]* TERRELL A. FISHER, REG. L.S. NO. 10692  
DATE 9-21-85

**Signed Final**

RECORDED PLAT 6401  
9-30-85

**F-85-133**

**File Copy**

**PRIDE'S CROSSING**  
LOTS 1 & 2

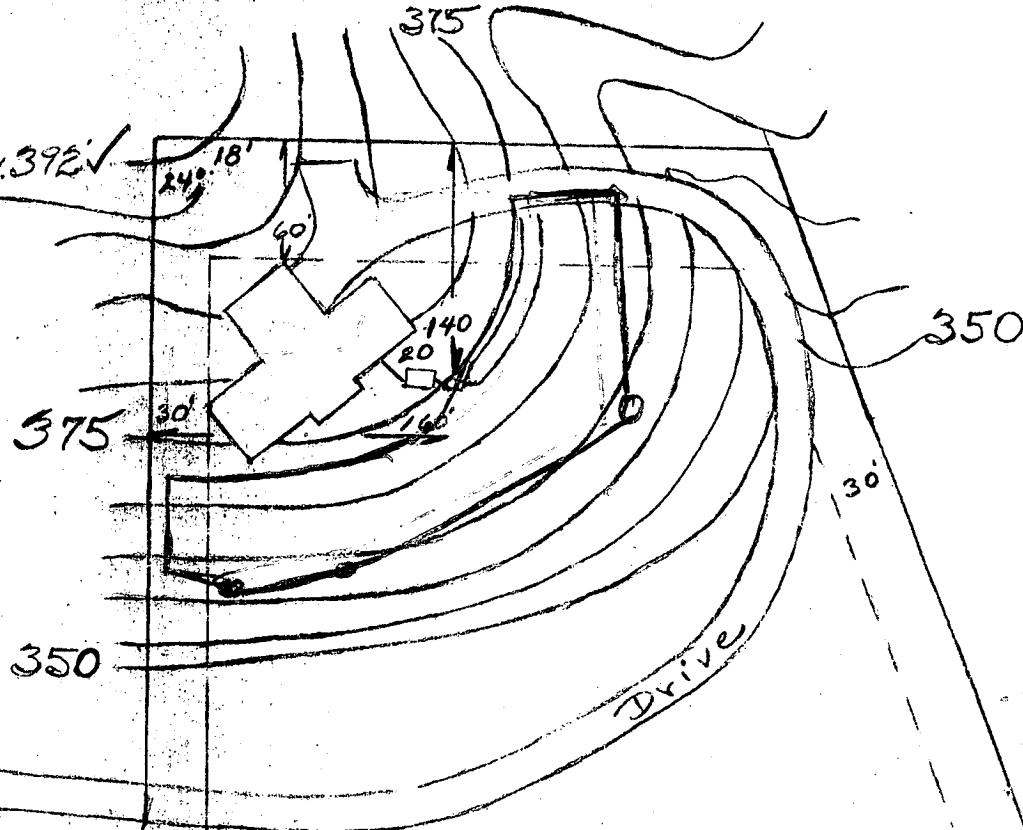
THIRD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP: 23 PARCEL: 79  
SCALE: 1"=100' MARCH 26, 1985

Dr. & Mrs. Glen Johnson  
 13135 Williamfield Dr.  
 Ellicott City, Md. 21043  
 998-9606

Lot # 2 - Pride's Crossing  
 11621 Carroll Mill Road

Drive  
 11621  
 Carroll Mill Rd

Well Elev. 392 ✓



F.F. Elev. ✓	384.00 ✓
Base Elev. ✓	375.00 ✓
Elev. at time of perc. ✓	375.00 ✓
Exist. Elev. at trench ✓	375.00 ✓
Elev. of sewer at house ✓	373.00 ✓
Elev. at tank Inv. ✓	372.58 ✓
Elev. at tank out ✓	372.33 ✓
Elev. at trench Inv ✓	372.00 ✓
Scale 1" = 100'	

7.054 Ac.

B.P. # 70374

JOHNSON / HARPS

I certify that all  
 elev. are actual and  
 correct for this property.

*Donald E. Souder*  
 Donald E. Souder

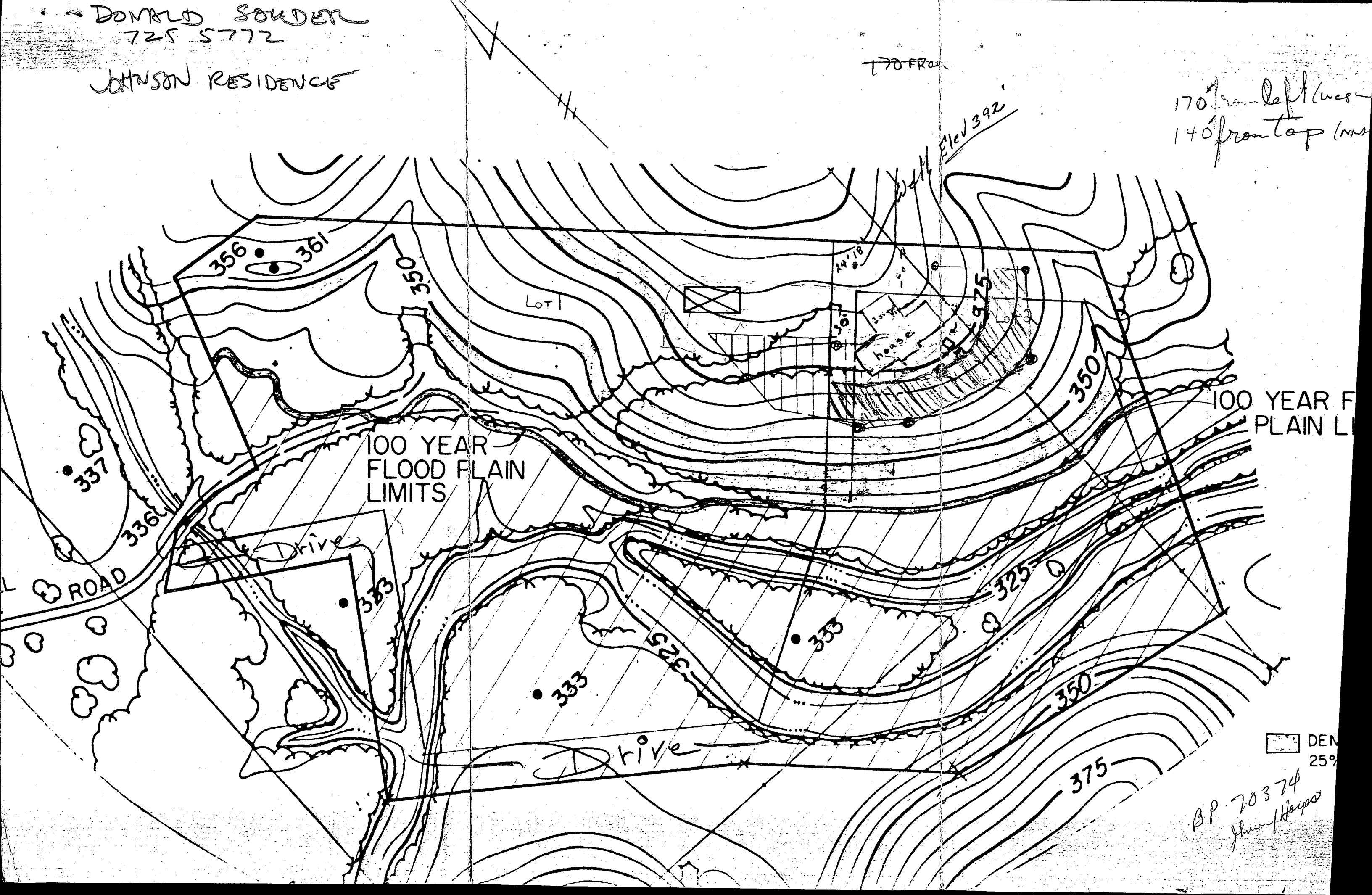
well at B.M.

DONALD SOWDEN  
725 S772

JOHNSON RESIDENCE

70' FROM

170' from left (west)  
140' from top (north)



100 YEAR FLOOD PLAIN LIMITS

100 YEAR FLOOD PLAIN LIMITS

DEN 25%

BP 70374  
Johnson/Harper

B 1 8869 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 40-81-11065 fill in this form completely

Date Received 02/17/85 OWNER INFORMATION JOHNSON SLEW WILLIAMSFIELD ELLICOTT CITY MD 21043

LOCATION OF WELL HOWARD PRIOES CROSSING GLENELO MILES FROM TOWN 5 MI

DRILLER INFORMATION Ralph Mayne 273 RALPH MAYNE (WELL DRILLING) 9120 Brown Church Rd. Mt. Airy

CARROLL MILL NEAR WHAT ROAD ON WHICH SIDE OF ROAD DISTANCE FROM ROAD 1000 ENTER FT or MI 57

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) F FARMING... I INDUSTRIAL... P PUBLIC OR PRIVATE WATER COMPANY... T TEST, OBSERVATION, MONITORING...

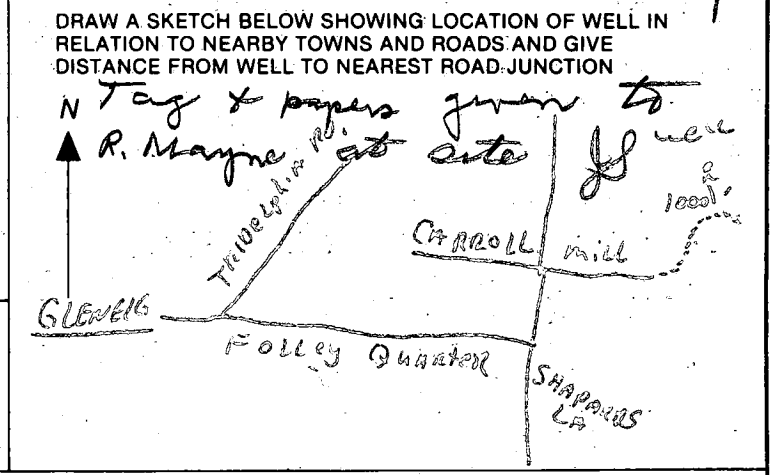
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME HOWARD COUNTY NO. A 33611 OEP SIGNATURE DATE ISSUED 09/05/85 CO SIGNATURE C. W. Williams 3/3/85

APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 20' casing 18' open well 5' well WRITE THE BOX NUMBER FROM THE MAP HERE 8204 520

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTARY JETTED AIR-PERCUSsion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE CW WRITE INITIALS IN BOX PERMIT NO. 40-81-11065

SPECIAL CONDITIONS



C1 1936 SEQUENCE NO. (OEP USE ONLY)  
 (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 33611

DATE Received [ ] DATE WELL COMPLETED 09/10/85 Depth of Well 165 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-1165

OWNER Johnson GLEN last name 13135 WILLIAMSFIELD first name DR. TOWN ELICOTT CITY MD  
 STREET OR RFD SUBDIVISION PRIDES CROSSING SECTION LOT 2

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	
Top Soil	0	2	
Sandy	2	11	
Sand Stone	11	50	
Micka	50	60	
Sand Stone	60	65	✓
Micka	65	165	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
 TYPE OF GROUTING MATERIAL  
 CEMENT  CM BENTONITE CLAY  BC  
 NO. OF BAGS 5 NO. OF POUNDS 500  
 GALLONS OF WATER 30  
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 18 ft.

CASING RECORD  
 casing types insert appropriate code below  
 STEEL  ST CONCRETE  CO  
 PLASTIC  PL OTHER  OT  
 MAIN CASING TYPE  PL Nominal diameter (nearest inch) 60 Total depth of main casing (nearest foot) 120

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

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

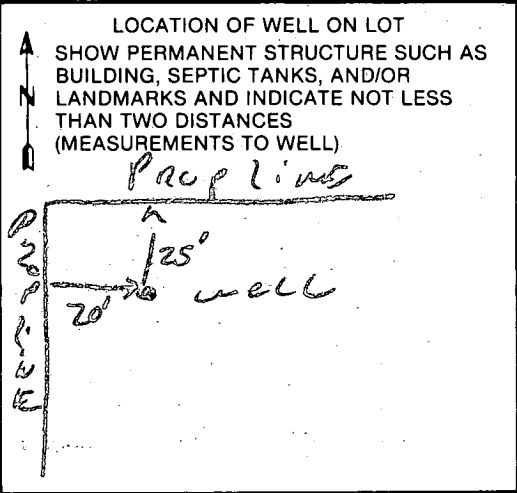
DEPTH (nearest ft.)  
 1 HO 18 165  
 2  
 3  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

PUMPING TEST  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 9  
 METHOD USED TO MEASURE PUMPING RATE Buckets  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 65 WHEN PUMPING 85  
 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  - below (nearest foot)



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



WPT-10/24/86

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Court House Square  
Ellicott City, Md. 21043  
461-9933

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer Kastner Plumbing

Telephone 725-5000

License number 1862

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner GLEN JOHNSON + JOYCE HARPS Telephone \_\_\_\_\_

Subdivision PRIDE'S CROSSING Lot # 2 Well tag # HD-81-1165

Site Address 11621 CARROLL MILL RD.  
Ellicott City, Md. 21043

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible \_\_\_\_\_

Motor

- 1. Horsepower \_\_\_\_\_
- 2. RPM \_\_\_\_\_
- 3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220

Pitless Adapter

- 1. Make \_\_\_\_\_
- 2. Model # \_\_\_\_\_
- 3. Depth \_\_\_\_\_

2. Make \_\_\_\_\_

3. Model # \_\_\_\_\_

4. Capacity \_\_\_\_\_ 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 \_\_\_\_\_

Tank

- 1. Capacity \_\_\_\_\_
- 2. Pressure relief valve? \_\_\_\_\_

Piping

- 1. Type \_\_\_\_\_
- 2. Size 1"
- 3. NSF and/or BOCA Code approved
- 4. Depth of supply line \_\_\_\_\_

Well data

- 1. Depth 165 ft.
- 2. Yield 9 GPM
- 3. Static water level 65 ft. 85
- 4. Will water supply be disinfected by installer? \_\_\_\_\_

10-24-86 Pitless Adapter 3 1/2' below grade OK to cover JS

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: [Signature]

Date: 6-19-86

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