

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

P 48529

A 39513

DISTRICT 3rd

DATE 9/18/92

DATE SYSTEM APPROVED 10/22/92

INSPECTOR M. Rifkin

Brian Isaac

IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 37, West Friendship, Maryland 21794 PHONE 465-2100

SUBDIVISION Rover Meadows LOT 10 ROAD 13940 Rover Mill Road

PROPERTY OWNER Sharon Isaac

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

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

LOCATION - Starting from the intersection of the 162.10' and 652.75' lot lines, start the first trench 235' down the 652.75' lot line and 85' off this same lot line.

Run trenches on contour away from the same lot line. Keep the system at least 100 feet from the well and the trenches at least 20 feet from the house.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 10/12/92 RIT

PLANS APPROVED BY

REVISED MR 10/5/92

Raymond Hodges

cm

DATE 10/16/91

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

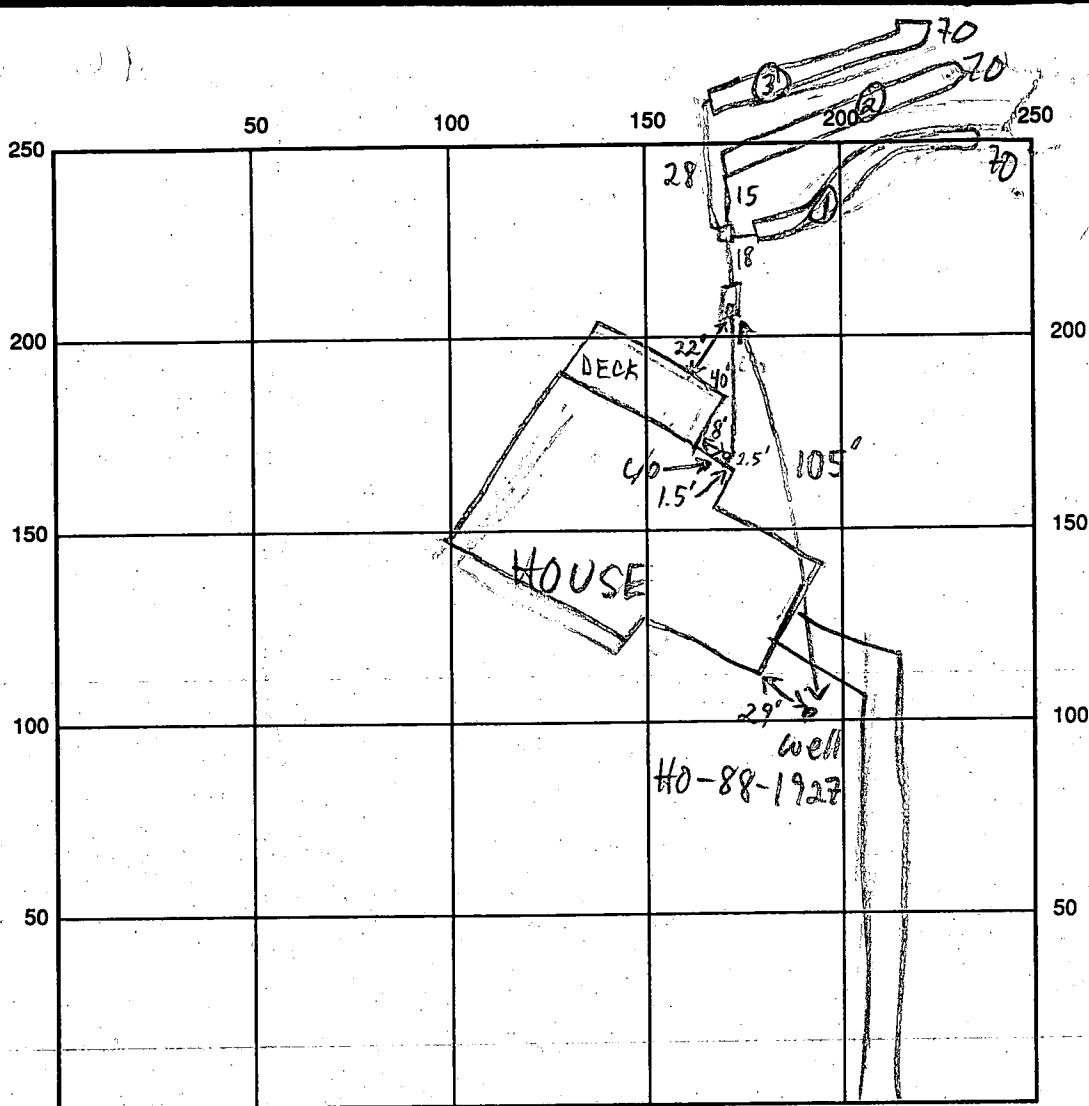
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

A 39513



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

ROVER MILL RD

SEPTIC TANK LEVEL 1000 GAL-OK

CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK-BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 3 @ 70 FT.

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 3 @ 210 SQ. FT.

DRYWALL INSIDE DIAMETER      FT.

EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA 630 SQ. FT.

REMARKS: 10/14/92 OK TO COVER ALL WORK; HOLD FOR  
HOUSE CONNECTION MR

10/22/92 OK TO COVER HOUSE CONN MR

DATE SYSTEM APPROVED 10/22/92

INSPECTOR M. Rifkin

# APPLICATION

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

A 39513

P \_\_\_\_\_

DISTRICT 3d

DATE April 20, 1987

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 John A. Boender Brian Isaac + Sharon Isaac  
ADDRESS Rover Mill Road 696-9200 (w) PHONE 384-6227  
465-7777

PROPERTY LOCATION:

SUBDIVISION Mc Cormick Property LOT NO. #10 on Final  
ROAD AND DESCRIPTION on the East side of Rover Mill Road, at the intersection of  
Old Rover Road (13940 Rover Mill Road)  
SIZE OF LOT 3 Acre Minimum 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.

Dennis M. Ryols

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

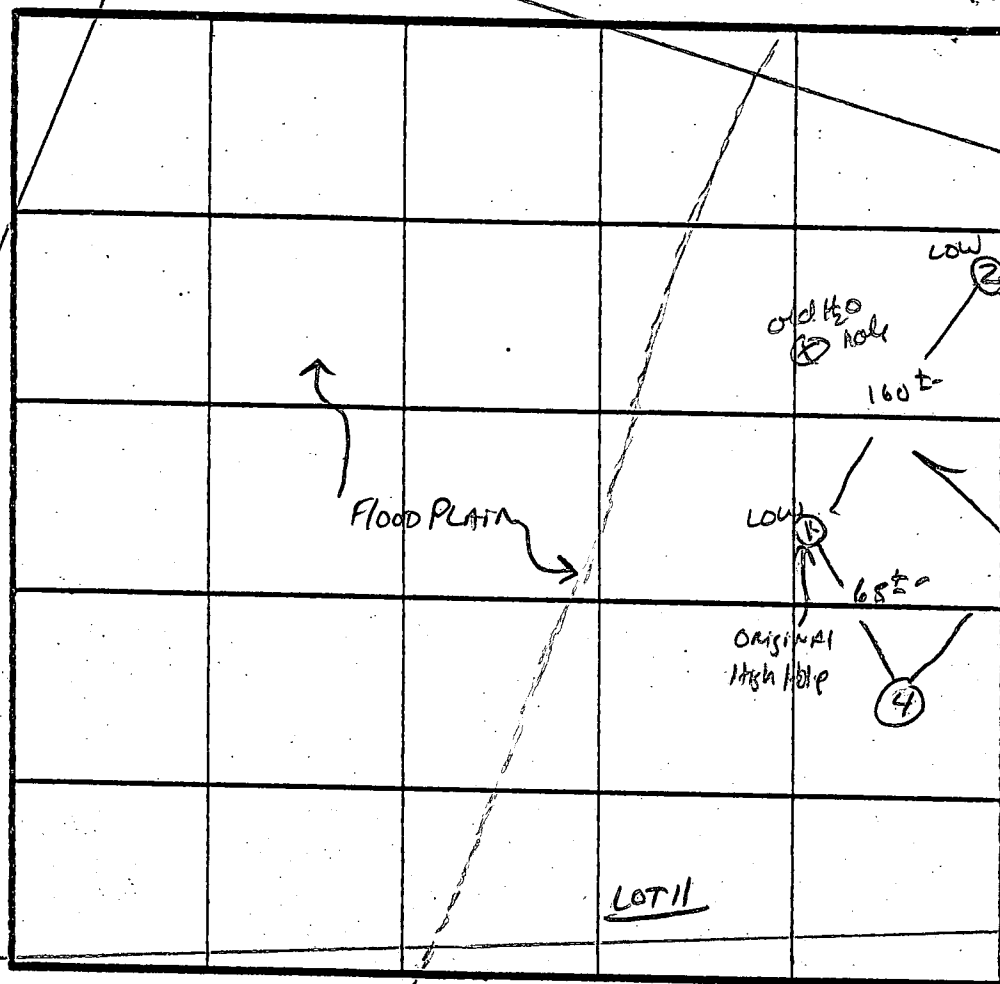
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 5-2782 Per. satisfactory hold for PERC 5/16/87 6-29-87 NO  
ADJUSTMENT IN PERC AREA PERMITTED DOWNSLOPE SA

BLDG. PERMIT SIGNED

AND RETURNED 10/16/91  
Serial # 39934 - SFD

# THIS IS NOT A PERMIT



OFF FROM  
ORIGINAL  
High Hole

High  
LOT9

Alex 8 min  
 190 + 182

MAX INLET 3'  
BOTTOM 5'

LOT 10

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ Rover Mill Rd

[illegible]

REMARKS

Holes Diff Than PLAT - Shallow Syst Only

TYPE OF SOIL

Chester

S. AM

D. RUSH, ROCK, JEFF

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 39511

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 3rd

DATE April 20, 1987

ADJ. LOT  
w/OLD, EXISTING, DWELLING  
REHABBED

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 ~~John A. Seader~~ Brian Isaac & Sharon Isaac

ADDRESS Rover Mill Road PHONE 465-7777

PROPERTY LOCATION:

SUBDIVISION Mc Connick Property LOT NO. 9 (Existing Dwelling)

ROAD AND DESCRIPTION on the East side of Rover Mill Road, at the intersection of  
old Rover Road

SIZE OF LOT 3 Acre Minimum 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. Dennis M. Ryals  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

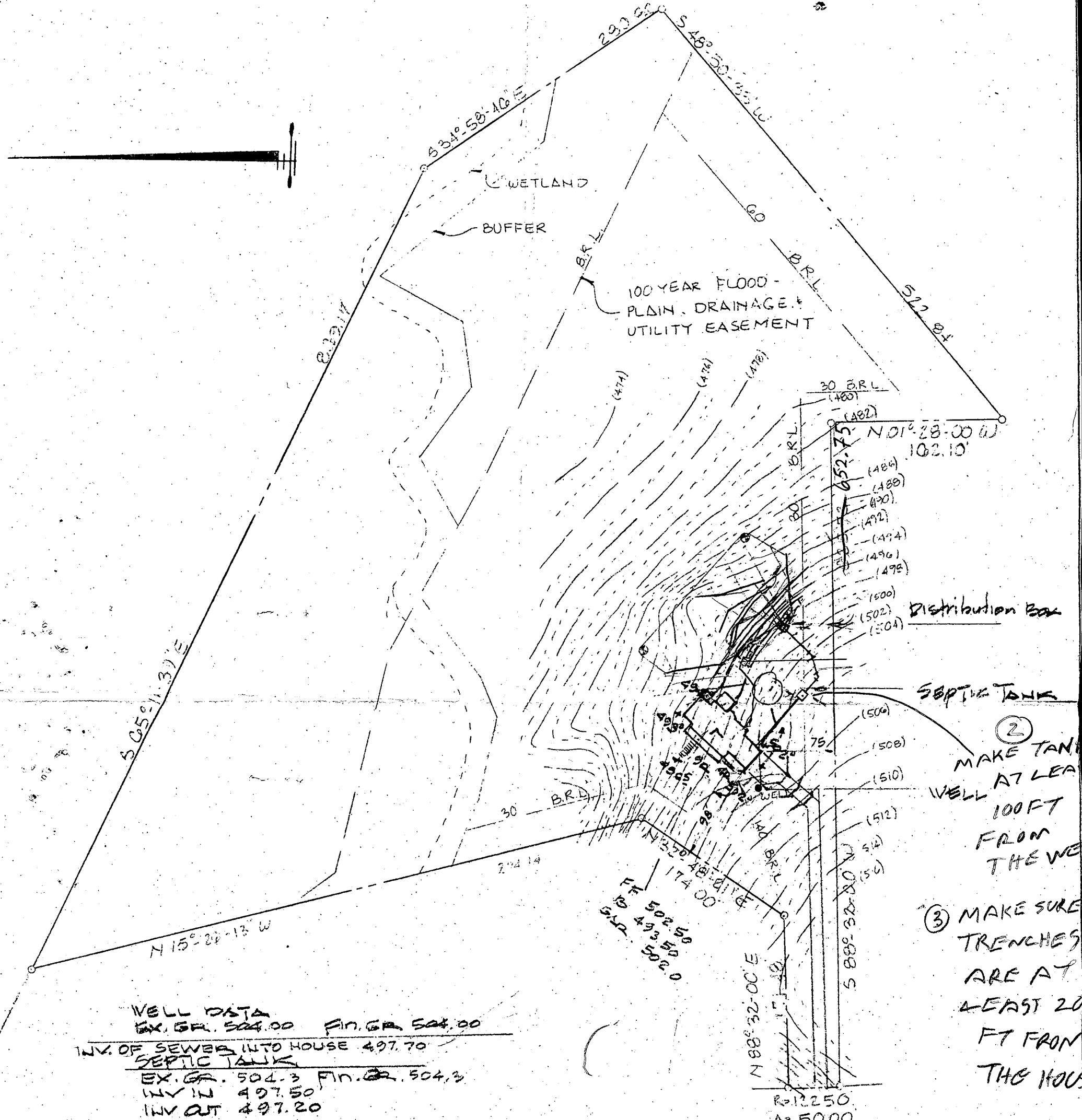
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING S-27-82 Due SATISFACTORY hold for P.C.A.T. S.M.

## THIS IS NOT A PERMIT





- ② MAKE TANK AT LEAST 100 FT FROM THE WE
- ③ MAKE SURE TRENCHES ARE AT LEAST 20 FT FROM THE HOUSE

WELL DATA  
 EX. GR. 504.00 FIN. GR. 504.00  
 INV. OF SEWER INTO HOUSE 497.70  
 SEPTIC TANK  
 EX. GR. 504.3 FIN. GR. 504.3  
 INV. IN 497.50  
 INV. OUT 497.20

DISTRIBUTION BOX  
 EX. GR. 498.00  
 FIN. GR. 498.00  
 INV. IN 495.20  
 INV. OUT 495.00

3 BR. HOUSE  
 ASSUME 3' EFFECTIVE DEPTH  
 498-3 = 495  
 USE 3X TRENCHES 70 LF EA  
 10' E TO E. ASSUME 5' DEEP  
 LAST 5' FILLED WITH STONE

- ① 3 TRENCHES EACH 70 FT LONG  
 5 FT DEEP  
 2 FT STONE  
 3 FT WIDE

# SITE PLAN

LOT 10 ROVER MEADOWS  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1"=100' SEPTEMBER, 1991

REVISED PLANS OK  
 AFTER RED LINE  
 CORRECTIONS  
 10/16/91  
 R. Hodge





<div style="border: 1px solid black; padding: 5px;"> <div style="display: flex; justify-content: space-between;"> <span>B 1</span> <span>3477</span> <span>SEQUENCE NO. (DP USE ONLY)</span> </div> <div style="font-size: 0.8em;">(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</div> </div>	<div style="border: 1px solid black; padding: 5px;"> <b>STATE OF MARYLAND</b>  <b>APPLICATION FOR PERMIT TO DRILL WELL</b>          please print or type       </div>	<div style="border: 1px solid black; padding: 5px;">         STATE PERMIT NUMBER  <div style="border: 1px solid black; padding: 2px; display: inline-block;">           HO-88-1927         </div> <div style="font-size: 0.8em;">fill in this form completely</div> </div>
<div style="border: 1px solid black; padding: 5px;"> <b>OWNER INFORMATION</b>          Date Received (APA) <span style="border: 1px solid black; padding: 2px;">030591</span>  <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">ISAAB</div> <div style="border: 1px solid black; padding: 2px;">BRIAN</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">13900 ROVER</div> <div style="border: 1px solid black; padding: 2px;">MILL RD</div> </div> <div style="border: 1px solid black; padding: 2px;">WEST FRIENDSHIP MD 21794</div> </div>	<div style="border: 1px solid black; padding: 5px;"> <b>LOCATION OF WELL</b>  <div style="border: 1px solid black; padding: 2px;">HOWARD</div> <div style="font-size: 0.8em;">8 COUNTY</div> <div style="border: 1px solid black; padding: 2px;">ROVER MEADOWS</div> <div style="font-size: 0.8em;">23 SUBDIVISION</div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">SECTION</div> <div style="border: 1px solid black; padding: 2px;">LOT 10</div> </div> <div style="border: 1px solid black; padding: 2px;">GLENWOOD</div> <div style="font-size: 0.8em;">52 NEAREST TOWN</div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">MILES FROM TOWN (enter 0 if in town)</div> <div style="border: 1px solid black; padding: 2px;">2 1/2</div> <div style="border: 1px solid black; padding: 2px;">MI</div> </div> </div>	
<div style="border: 1px solid black; padding: 5px;"> <b>DRILLER INFORMATION</b>          Driller's Name <span style="border: 1px solid black; padding: 2px;">Joseph L. Wayne</span>  <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">Joseph L. Wayne Well Drilling</div> <div style="border: 1px solid black; padding: 2px;">238</div> </div> <div style="border: 1px solid black; padding: 2px;">5512 Ridge Rd. Mt. Airy, Md. 21771</div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">Joseph L. Wayne</div> <div style="border: 1px solid black; padding: 2px;">3/5/91</div> </div> </div>	<div style="border: 1px solid black; padding: 5px;"> <b>WELL INFORMATION</b>          APPROX. PUMPING RATE (GAL. PER MIN.) <span style="border: 1px solid black; padding: 2px;">5</span>          AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <span style="border: 1px solid black; padding: 2px;">500</span>  <b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b>  <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  <input type="checkbox"/> FARMING (LIVESTOCK WATERING &amp; AGRICULTURAL IRRIGATION)  <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)       </div>	
<div style="border: 1px solid black; padding: 5px;">         APPROXIMATE DEPTH OF WELL <span style="border: 1px solid black; padding: 2px;">260</span> FEET          APPROXIMATE DIAMETER OF WELL <span style="border: 1px solid black; padding: 2px;">6</span> INCH  <b>METHOD OF DRILLING (circle one)</b>  <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">BORED (or Augered)</div> <div style="border: 1px solid black; padding: 2px;">JETTED</div> <div style="border: 1px solid black; padding: 2px;">Jettied &amp; DRIVEN</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">AIR-ROTARY</div> <div style="border: 1px solid black; padding: 2px;">AIR-PERCUSsion</div> <div style="border: 1px solid black; padding: 2px;">ROTARY (Hydraulic Rotary)</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">CABLE</div> <div style="border: 1px solid black; padding: 2px;">REVerse-ROTary</div> <div style="border: 1px solid black; padding: 2px;">Drive-POINT</div> </div>         other _____       </div>	<div style="border: 1px solid black; padding: 5px;"> <b>HEALTH DEPARTMENT APPROVAL</b>  <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">Howard</div> <div style="border: 1px solid black; padding: 2px;">A39513</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">COUNTY NAME</div> <div style="border: 1px solid black; padding: 2px;">COUNTY NO.</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">STATE SIGNATURE</div> <div style="border: 1px solid black; padding: 2px;">DATE ISSUED</div> <div style="border: 1px solid black; padding: 2px;">INSERT S</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">070591</div> <div style="border: 1px solid black; padding: 2px;">Mark E. Kilkin</div> <div style="border: 1px solid black; padding: 2px;">1/5/92</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">NORTH GRID</div> <div style="border: 1px solid black; padding: 2px;">EAST GRID</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">534000</div> <div style="border: 1px solid black; padding: 2px;">0801000</div> </div> </div>	
<div style="border: 1px solid black; padding: 5px;"> <b>REPLACEMENT OR DEEPEMED WELLS</b>          (CIRCLE APPROPRIATE BOX)  <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL  <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  <input type="checkbox"/> THIS WELL WILL DEEPEN AN EXISTING WELL          PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <span style="border: 1px solid black; padding: 2px;">41</span> </div>	<div style="border: 1px solid black; padding: 5px;"> <b>NOT TO BE FILLED IN BY DRILLER</b>          SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X          SOURCES OF DRILLING WATER          1. WELL          2.          3.          WRITE THE BOX NUMBER FROM THE MAP HERE  <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">E 80X1</div> <div style="border: 1px solid black; padding: 2px;">N 53X4</div> </div>         DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  <div style="text-align: center;"> </div> </div>	
<div style="border: 1px solid black; padding: 5px;">         Not to be filled in by driller (OEP USE ONLY)          APPROP. PERMIT NUMBER <span style="border: 1px solid black; padding: 2px;">54</span> <span style="border: 1px solid black; padding: 2px;">GAP</span> <span style="border: 1px solid black; padding: 2px;">63</span>          FORCE <span style="border: 1px solid black; padding: 2px;">MIL</span> WRITE INITIALS IN BOX          PERMIT No. <span style="border: 1px solid black; padding: 2px;">HO-88-1927</span>          SPECIAL CONDITIONS       </div>	<div style="border: 1px solid black; padding: 5px;">         COUNTY       </div>	

C1	4592	SEQUENCE NO. (BENV USE ONLY)	<b>STATE OF MARYLAND</b> <b>WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		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 <u>A39513</u>		
ST/CO USE ONLY DATE Received		DATE WELL COMPLETED		PERMIT NO. FROM "PERMIT TO DRILL WELL"		
8 13		15 20		28 29 30 31 32 33 34 35 36 37		
		730791		40-88-1927		
		Depth of Well		(TO NEAREST FOOT)		
		22 225 26				

OWNER	<u>Isaac</u>		<u>Brian</u>			
STREET OR RFD	last name		first name		TOWN	
SUBDIVISION	<u>ROVER MEADOWS</u>		SECTION		LOT <u>10</u>	

<b>WELL LOG</b> 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 FROM TO	Check if water bearing
SAND stone  GRAY MICA ROCK	0 62	
	62 225 ✓	

<b>GROUTING RECORD</b>	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT <u>CM</u>	BENTONITE CLAY <u>BC</u>
NO. OF BAGS <u>90</u>	NO. OF POUNDS <u>1830</u>
GALLONS OF WATER <u>130</u>	
DEPTH OF GROUT SEAL (to nearest foot)	
from <u>0</u> ft. to <u>60</u> ft.	
(Enter 0 if from surface)	

<b>CASING RECORD</b>		
casing types insert appropriate code below		
<u>ST</u>	<u>CO</u>	
STEEL	CONCRETE	
<u>PL</u>	<u>OT</u>	
PLASTIC	OTHER	
MAIN CASING TYPE		
<u>ST</u>	<u>6</u>	<u>66</u>
60 61	63 64	65 66 67 68 69 70
Nominal diameter top (main) casing (nearest inch)		Total depth of main casing (nearest foot)

<b>OTHER CASING (if used)</b>		
diameter inch		depth (feet) from to
<u>  </u>		<u>  </u>

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

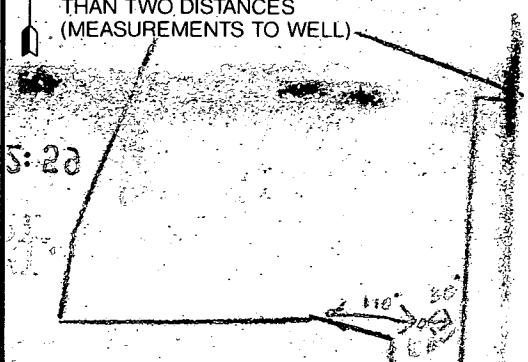
<b>DEPTH (nearest ft.)</b>	
<u>HO</u> <u>64</u> <u>323</u>	
8 9 11 15 17 21	
23 24 26 30 32 36	
38 39 41 45 47 51	
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH)	
<u>  </u> <u>  </u> <u>  </u> <u>  </u>	
from to	
<u>  </u> <u>  </u> <u>  </u> <u>  </u>	

<b>GRAVEL PACK</b>	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
<u>  </u> <u>  </u> <u>  </u> <u>  </u>	

<b>OEP USE ONLY</b> (NOT TO BE FILLED IN BY DRILLER)	
T (E.R.O.S.)	
<u>  </u> <u>  </u> <u>  </u> <u>  </u>	
TELESCOPE CASING	
LOG INDICATOR	
OTHER DATA	

<b>PUMPING TEST</b>		
HOURS PUMPED (nearest hour) <u>3</u>		
PUMPING RATE (gal. per min. to nearest gal.) <u>305</u>		
METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u>		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING <u>33</u>		
WHEN PUMPING <u>117</u>		
TYPE OF PUMP USED (for test)		
<u>A</u> air	<u>P</u> piston	<u>T</u> turbine
<u>C</u> centrifugal	<u>R</u> rotary	<u>O</u> other (describe below)
<u>J</u> jet	<u>S</u> submersible	

<b>PUMP INSTALLED</b>	
DRILLER WILL INSTALL PUMP YES NO	
(CIRCLE) (YES or 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: <u>  </u>	
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 <u>2</u> (nearest foot)	

<b>LOCATION OF WELL ON LOT</b>	
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	
P 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 PRE- SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.	
--	--

DRILLERS IDENT. NO. <u>237</u>	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

COUNTY

90/22/92  
AM.

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 # 0  
Date 10.21.92

Name of Installer MICHAEL F. MORLEY  
ALL QUALITY PLUMBING

(301)  
Telephone 432-7247

License Number 12250

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner BRIAN ISSAC Telephone 293-6427

Subdivision ROVER MEADOWS Lot # 10 Well Tag # HO-88-1927

Site Address 13940 ROVER MILL RD.  
W. FRIENDSHIP, MD. 21794

Pump

- Type
  - Deep well jet ☐
  - Shallow well jet ☐
  - Submersible ☒
- Make GOULDS
- Model # SE305422
- Capacity 5 GPM
- Pump exceeds well capacity Yes ☐ No ☒
- If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☒ Cable guards ☐ Other ☐

Motor

- Horsepower 1/2
- RPM ☐
- Voltage ☐
  - 110 ☐
  - 220 ☒

Pitless Adapter

- Make CAMBELL
- Model # B-10X
- Depth 10'

Tank

- Capacity V-100
- Pressure relief valve? YES

Piping

- 160 PSI
- Type BLK. POLY.
  - Size 1"
  - NSF and/or BOCA Code approved ☒
  - Depth of supply line 10'

Well data

- Depth 225 ft.
- Yield 55 GPM
- Static water level 33 ft.
- Will water supply be disinfected by installer? No

P.A. OK 10' B.G. (EXISTING)  
MR 10/22/92 TO 5' B.G. (AFTER GRADING)

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: Michael F. Morley

Date: 10.21.92

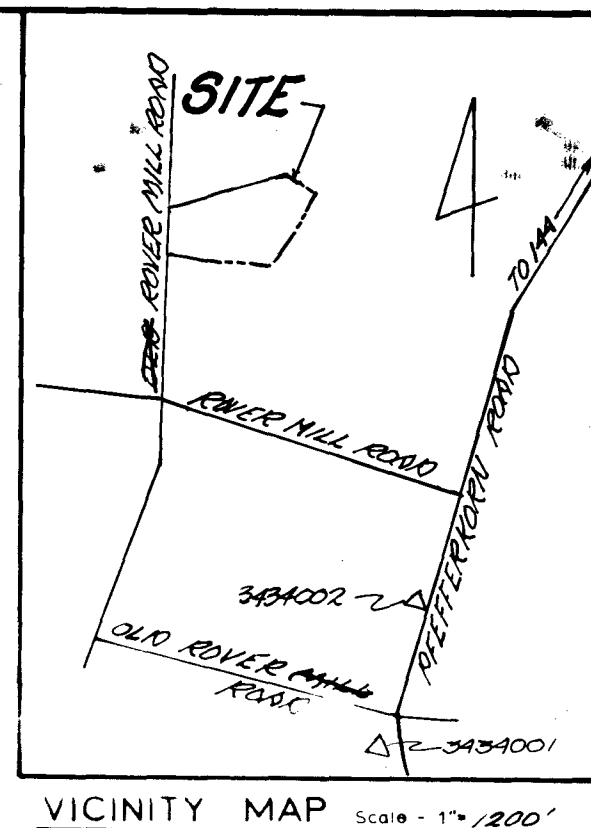
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

COORDINATE SCHEDULE		
NO.	NORTH	EAST
1.	533441.7487	800763.6620
2.	533351.14873	800760.5013
3.	533301.0544	800751.1385
4.	533287.0550	800746.9780
5.	534151.2413	800741.5165
6.	534376.1740	800731.4182
7.	534501.5780	800728.6740
8.	534068.9220	801644.7770
9.	533838.8285	801805.7261
10.	533447.7423	801860.8526
WETLANDS & BUFFER		
BEARING	DISTANCE	
A	S09°30'00"W	75.03'
B	S42°15'00"E	77.30'
C	S54°00'00"E	62.17'
D	S19°35'00"E	79.06'
E	S18°10'35"W	52.17'
F	S51°52'00"W	28.23'
G	S10°53'52"W	24.16'
H	S41°06'30"E	80.73'
I	S68°00'00"E	108.50'
J	S78°38'00"E	60.00'
K	N24°57'36"E	40.38'
L	N68°58'02"E	121.57'
M	S61°45'28"E	76.72'
N	S84°11'54"E	145.90'
O	N78°00'00"E	46.11'
P	N34°00'00"E	88.33'
Q	S65°11'39"E	57.15'
R	S36°52'42"E	173.00'
S	S89°41'24"E	39.89'
T	S34°56'48"E	30.63'
U	N89°41'24"W	70.00'
V	N36°52'42"W	210.00'

CURVE DATA				
NO.	ARC LENGTH	CHORD	ANGLE	CHORD BEARING
1-2	12250.00'	282.75'	41.38°	N01°53'51"W 282.74'
2-3	7055.00'	164.28'	82.14°	N01°34'36"W 164.28'
3-4	475.00'	27.83'	04.30°	N10°16'48"W 27.45'
WETLANDS & BUFFER				
BEARING	DISTANCE			
BB	S68°58'02"W	100.00'		
CC	S24°57'36"W	50.00'		
DD	N78°30'00"W	82.00'		
EE	N68°00'00"W	112.00'		
FF	N62°30'00"W	80.00'		
GG	N04°02'44"E	50.00'		
HH	N10°53'52"E	35.00'		
II	N51°51'59"E	30.00'		
JJ	N18°10'35"E	36.05'		
KK	N19°35'01"W	62.77'		
LL	N54°00'00"W	57.00'		
MM	N42°15'00"W	92.00'		
NN	N09°30'00"E	94.00'		
OO	S65°11'39"E	25.92'		

LOT AREA TABULATIONS				
LOT NO.	GROSS AREA (AC.)	FLOODPLAIN AREA (AC.)	PIPESTEM AREA (AC.)	NET AREA (AC.)
9	3.002	-	-	3.002
10	10.483	4.101	0.19	6.102
11	3.525	0.470	-	3.055

NOTE: COORDINATES SHOWN HEREON SUPERSEDE THOSE RECORDED IN ROVER MEADOWS, LOTS 5-8.



Brian Isaac  
13900 River Mill Rd  
West Friendship, MD 21794  
489-5110  
Lot-9

#### GENERAL NOTES

- 1) Tax Map - 15 Parcel - 116
- 2) Deed Reference 1006/132
- 3) Coordinates shown hereon are based on Maryland State Plane coordinate system, Howard County control station 3434001 & 3434002
- 4) Subject property zoned R per 8-02-85 Comprehensive Zoning Plan
- 5) O - Designates iron pin set
- 6) The lots shown hereon comply with the minimum ownership width and lots required by the Maryland State Department of Health and Mental Hygiene
- 7) This area designated a private sewage easement of a MIN. OF 10,000 sq. ft. as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature this area are restricted until public sewerage is available and the County Health Officer shall have the authority to terminate this private sewage easement.
- 8) All percultation test holes shown hereon have been field located and shown thus.
- 9) For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the road right-of-way line, and not onto the flag or pipestem lot driveway.
- 10) Flag or pipestem lots shall not be further subdivided into lots accommodating additional residences unless a public road can be constructed according to county standards on a minimum fifty (50) foot right-of-way to be deeded to the County.

11. APPROVAL WAS GRANTED TO WIP-80-112 HAVING SUBDIVISION TO A SKETCH AND PRELIMINARY PLAN FOR A MAJOR SUBDIVISION.
12. ALL FLOODING (INCLUDING BASEMENT AND STORAGE AREAS) SHALL BE ELEVATED AT LEAST 5' ABOVE THE 100 YR FLOODPLAIN LEVEL AS SHOWN ON THIS PLAN.
13. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE REQUIRED WETLAND OR STREAM BUFFERS.
14. THERE IS AN EXISTING HOUSE ON LOT 9.

Is this SDA necessary for septic reserve area? Existing house was remodeled. Owner states septic in back of house. Owner: Brian Isaac 489-5110.

#### OWNER

BRIAN G. ISAAC / SHARON K. ROWELL  
3502 SHENANDOAH AVE.  
BALTIMORE, MARYLAND 21227

THE PURPOSE OF THIS PLAT IS TO RESUBDIVIDE LOT 8 TO CREATE TWO ADDITIONAL LOTS.

#### AREA TABULATIONS

TOTAL NUMBER OF LOTS TO BE RECORDED: 3  
TOTAL AREA OF LOTS TO BE RECORDED: 17.01 AC.  
TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: NONE  
TOTAL AREA OF OPEN SPACE TO BE RECORDED: NONE  
TOTAL AREA OF FLOODPLAIN TO BE RECORDED: 4.67 AC.  
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 17.010 AC.

#### OWNER'S STATEMENT

We, BRIAN G. ISAAC and SHARON K. ROWELL, 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 DEPT. 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 rights-of-way 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 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 floodplains, storm drainage facilities and open space where applicable, 3) the right to require dedication of waterway 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 erected on or over the said easements and rights-of-way.

Witness my/our hands this day of

#### SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a RESUBDIVISION of ALL of the lands conveyed by JACOLYN MC CORMICK TO BRIAN G. ISAAC AND SHARON K. ROWELL by deed dated APRIL 7, 1984 and recorded in the Land Records of Howard County, Maryland in Liber 1086 at Folio 132 and that all monuments are in place as shown in accordance with the Annotated Code of Maryland, as amended.

William G. Hartel, Professional Land Surveyor, MD No. 9436 Date 7/12/90

RECORDED AS PLAT 1601 ON 7/12/90 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

ROVER MEADOWS  
LOTS 9, 10 & 11

A RESUBDIVISION OF ROVER MEADOWS  
LOT 8

TAX MAP - 15  
TAX MAP PARCEL NO. - 116  
EX. ZONING - R  
ELECTION DISTRICT - 3rd  
HOWARD COUNTY, MARYLAND  
SCALE - 1"=100'  
DATE - JANUARY 31, 1989  
O. P. & Z. FILE NOS. - F-80-86  
WIP-80-112  
F-00-14

boender associates  
inc.  
consulting engineers  
land surveyors  
land planners

3230 BETHANY LANE  
ELLICOTT CITY, MD. 21043  
(301) 465-7777

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT

Josephine Zurek 7-12-90  
HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING

Chris 10.24.90  
PLANNING DIRECTOR DATE

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

DIRECTOR DATE

WITNESS

WITNESS