

6-2-88  
1 PM

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

03-309002  
INDEXED

P 41932

A 29151

DISTRICT 3rd

DATE 6/10/88

DATE SYSTEM APPROVED 6/2/88

INSPECTOR BH

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 13775 Triadelphia Road, Glenelg, MD 21737 PHONE 988-9270

SUBDIVISION Sunset Valley ROAD 1015 Sunset Valley Dr. LOT 5

PROPERTY OWNER Thomas Manley Charles Bonn

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. sidewall area per bedroom. Trench to be 2 feet wide.  
Inlet 5 feet below original grade. - Bottom maximum depth 9 feet  
below original grade. Effective area begins at 5 feet below original grade. 4  
feet of stone below distribution pipe. Place the distribution box 160 feet down  
the 520.79 ft. lot line from the rear 155 ft. line and 125 ft. off the same line.  
Run trenches on contour toward the left of lot as seen from the 113.45 ft. lot  
line. OK/CC

PLANS APPROVED BY Raymond Hodges and Craig Williams DATE 2/18/83

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

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.

BLDG. PERMIT SIGNED  
AND RETURNED 8/10/88  
Serial # 45023 - paid

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

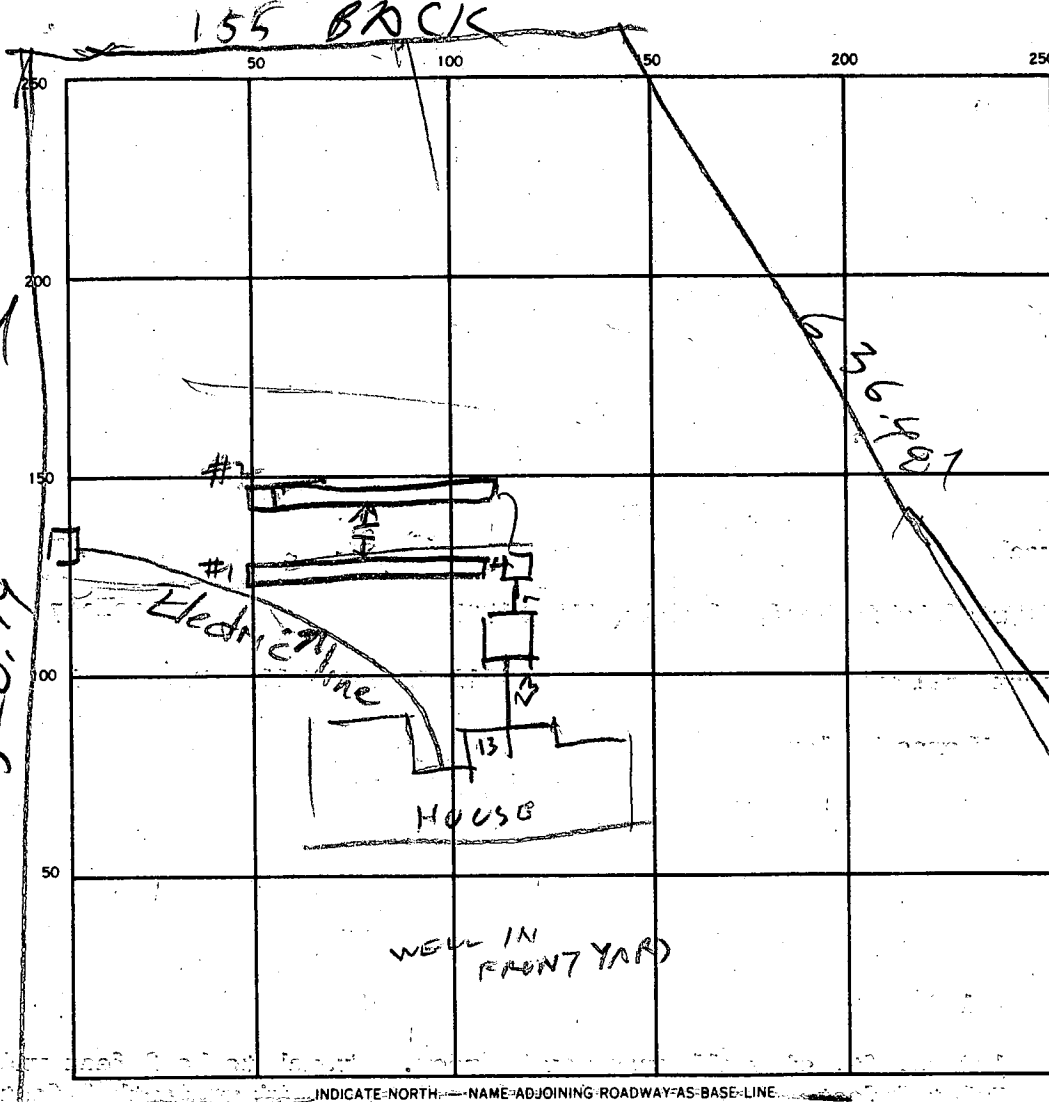
\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 89151

SBEPHAT

520.79



68  
25  
155  
130  
1485

INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK. LEVEL 1000

CLEANOUTS OK

DISTRIBUTION BOX. LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 9 9 FT. TRENCH WIDTH 2 1/2 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 1/2 FT. TOTAL LENGTH 68 1/2 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 272 1/2 SQ. FT. 2 TOTAL REQUIRE 540

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 6/2/88 - LOCATION OK PER PLANS TRENCH  
#1 DUG & MOST OF STONE ADDED TRENCH #2 DUG  
6/2/88 224 PM - BOTH TRENCHES FINISHED

DATE SYSTEM APPROVED 6/2/88 INSPECTOR Raymond Hodge

*Preb*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29151

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 3<sup>RD</sup>

DATE 10/12/78

2

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 VIRGINIA M. GARRATT ~~THOMAS MAXLEY~~ THOMAS MAXLEY

ADDRESS FORSYTHE ROAD SYKESVILLE, MD. PHONE 301-442-2262  
21784

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY LOT NO. New #5 11/14/80  
3<sup>rd</sup> Sec. 2 Plat

ROAD AND DESCRIPTION SUNSET VALLEY DRIVE ~~945~~

1015 Sunset Valley Dr.

SIZE OF LOT 3.0 AC. ± TYPE BLDG. SINGLE FAMILY RESIDENCE

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.

SIGNATURE OF APPLICANT Bruce D. Busto

APPROVED BY Thompson and Hodges FOR DITCH DATE 10/12/83

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

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE # 65887

REASONS FOR REJECTION OR HOLDING 21

BLDG. PERMIT SIGNED  
AND RETURNED 8/7/88

BLDG. PERMIT SIGNED  
AND RETURNED 8/7/87

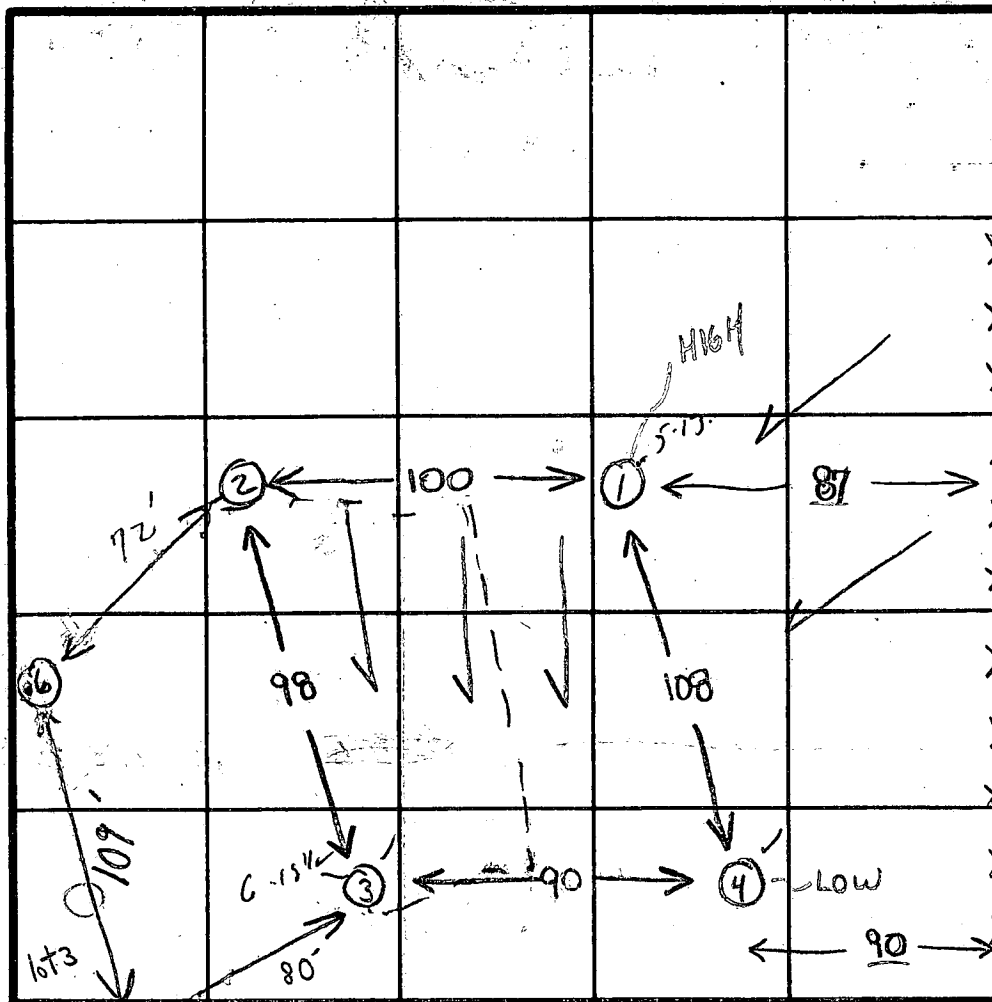
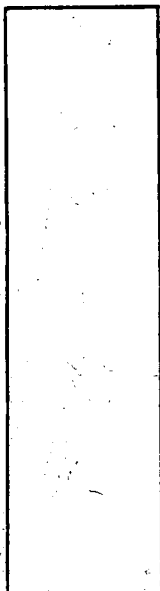
8/11/87  
13855

## THIS IS NOT A PERMIT

New #5

SOIL PROFILE

0'



USE  
TRENCHES  
FOR  
SYSTEM

trench  
① → ②

fence

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DAY ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/13/78	15	5	1042	1045	1045	1050	5
	10	13	1106	1110	1110	1115	5
	25						
	20	12 1/2	VISUAL - SIMILAR				
	35	6	1055	1104	1104	1114	10
	30	12 1/2	1053	1056	1056	1105	9
	45	5	1027	1036	1036	1058	22
	40	13' (B)	1027	1030	1030	1036	6
8/5/80	58	5'	3:06	3:08	3:08	3:11	3m
	50	15' N.	3:04	3:08	3:08	3:14	6m
	65	4'	2:54	2:59	2:59	3:22	23min
	60	13 1/2	2:55	2:58	2:58	3:02	4m
						10	93

dry 1106

under 4'  
wood  
ground  
5'

10m

BELOW  
CLAY  
LOAM  
HIGH

(HOLD FOR SUPERVISOR)  
HOT "ETE" 8/5/80

REMARKS

Tests as stated - open field (3 3 4 near front prop line)

TYPE OF SOIL

Variable clay layer - sandy loam below

TESTED BY

GLK

ALSO PRESENT

Crow



*Prel*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29165

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 3<sup>RD</sup>

DATE 10/12/78

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 VIRGINIA M. GARRATT

ADDRESS FORSYTHE ROAD SYKESVILLE, MD. PHONE 301-442-2262  
21784

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY LOT NO. 17

ROAD AND DESCRIPTION SUNSHINE WAY

SIZE OF LOT 3.0 AC. ± TYPE BLDG. SINGLE FAMILY RESIDENCE

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.

SIGNATURE OF APPLICANT Bruce D. Burt

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

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

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

REASONS FOR REJECTION OR HOLDING 8/5/80 Used this application to do more tests  
per Mr. F. Frommelt on original #3 due to change in  
proposed lots' lines after discussing at office.  
C.B.S.

## THIS IS NOT A PERMIT

# 19

New #5

SOIL PROFILE

0'


SEE #3

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_







C1 3332  
1 2 3 4 5 6  
(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 A29151

DATE Received 15 090484  
DATE WELL COMPLETED 15 090484  
Depth of Well 22 160 26 (TO NEAREST FOOT)  
PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-0665  
OWNER KAR FOUNTA CHAS.  
STREET OR RFD last name SUNSET VALLEY DRIVE first name TOWN SYKESVILLE  
SUBDIVISION SUNSET VALLEY SECTION 2 LOT 5

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	2	
Sand Stone	12	30	✓
Micka	30	45	
Sand Stone	45	50	✓
Micka	50	160	

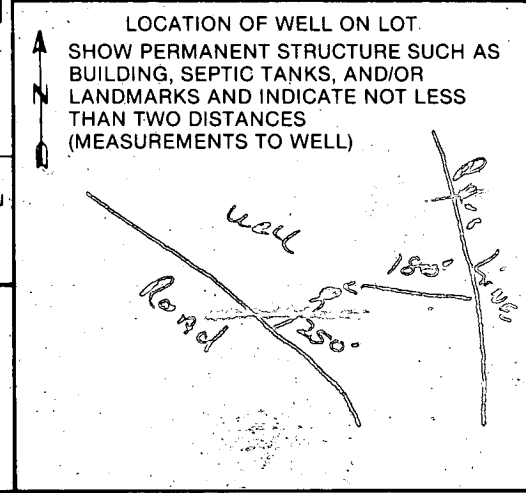
GROUTING RECORD  
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES ☒ Y NO ☐ N  
TYPE OF GROUTING MATERIAL CEMENT ☒ CM BENTONITE CLAY ☐ BC  
CEMENT NO. OF BAGS 5 NO. OF POUNDS 800  
GALLONS OF WATER 48  
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 29 ft. (enter 0 if from surface)  
CASING RECORD  
casing types insert appropriate code below  
STEEL ☒ ST CONCRETE ☐ CO  
PLASTIC ☐ PL OTHER ☐ OT  
MAIN CASING TYPE PL  
Nominal diameter top (main) casing (nearest inch) 6  
Total depth of main casing (nearest foot) 26  
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  
BRONZE ☐ PL PLASTIC ☐ PL OTHER ☐ OT

C 3  
PUMPING TEST  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min. to nearest gal.) 9  
METHOD USED TO MEASURE PUMPING RATE Bucket  
WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 25  
TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

C 2  
DEPTH (nearest ft.)  
EACH SCREEN 1 40 24 160  
2  
3  
SLOT SIZE 1 2 3  
DIAMETER OF SCREEN 56 60  
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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: 29  
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35  
PUMP HORSE POWER 37 41  
PUMP COLUMN LENGTH (nearest ft.) 43 47  
CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE 2 (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. 253  
DRILLERS SIGNATURE Ralph Wayne  
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



# APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

7/12/88 ✓ 86626 NOWN  
9/12/88 Late pm

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 # 41907  
Date 6/7/88

Name of Installer ROSE L. FREEZER CO., INC.

Telephone 781-4655

License number 2122

Certified Well Pump Installer YES Well Driller ☐ Registered Plumber YES

Name of Property Owner THOMAS WANLEY

Telephone 876-2790

Subdivision SUNSET VALLEY Lot # 5 Well tag # 10-81-0668

Site Address 1015 SUNSET VALLEY DR.

## Pump

1. Type
  - a. Deep well jet ☐
  - b. Shallow well jet ☐
  - c. Submersible ☒

## Motor

1. Horsepower 1/2
2. RPM 3450
3. Voltage ☐
  - a. 110 ☐
  - b. 220 ☒

## Pitless Adapter

1. Make MCCILL
2. Model # MB-10
3. Depth 42" +

2. Make DOMING (GRISWOLD)

3. Model # 3ALD

4. Capacity 8 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 CAPTIVE AIR WX 203 to 82 CONVENTIONAL
2. Pressure relief valve? YES

## Piping

1. Type 1"
2. Size 764
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 42" +

## Well data

1. Depth 160 ft.
2. Yield 22 GPM
3. Static water level 40 ft.
4. Will water supply be disinfected by installer? YES

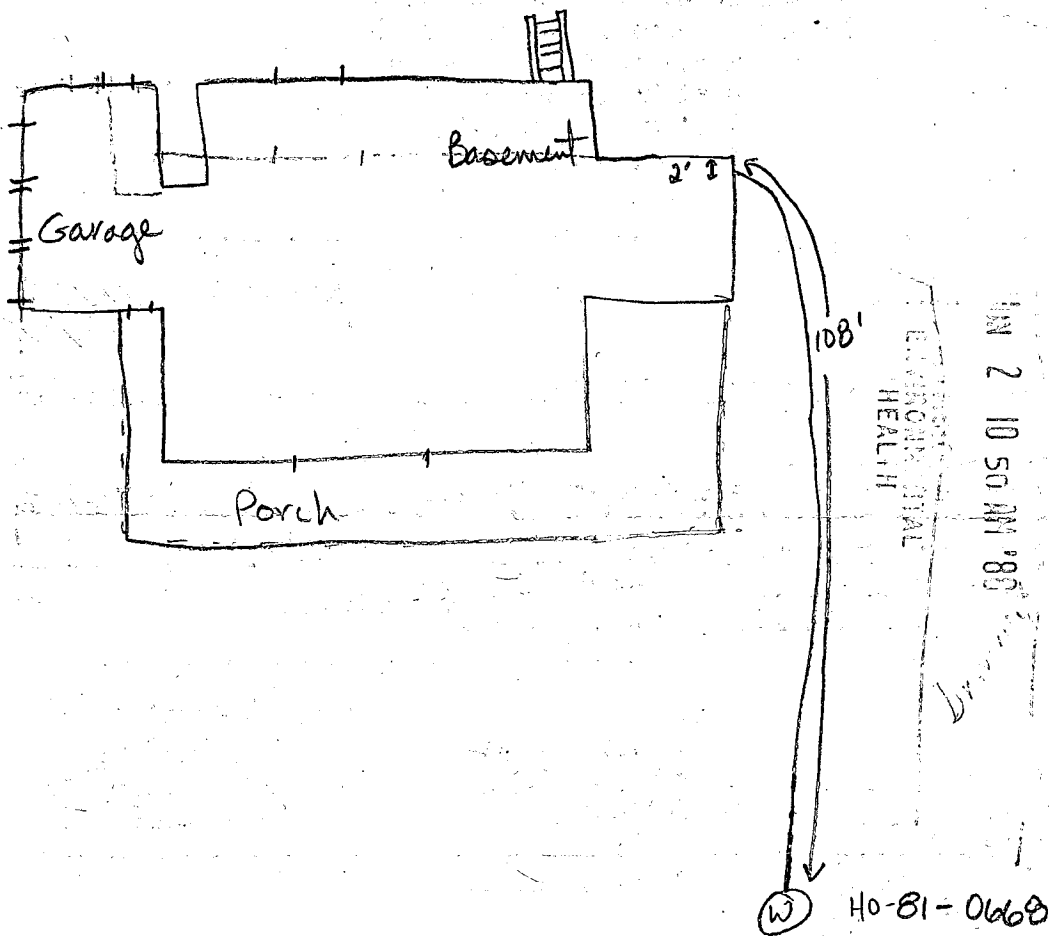
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

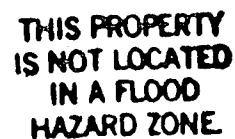
Signature of Applicant: Robert L. Freezer

Date: 6/1/88

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



- 9-12-88 Pitless adaptor at 50 inches. Sunset Valley Dr  
 well line not attached to pitless. Electrical  
 and well line cemented at house.  
 well line at 72 inches in trench. JENadeau <sup>1/2</sup>/<sub>72</sub>
- 9-13-88 well line connected to pitless. No ground line, plastic  
 casing. JENadeau



5) COV. /  
CONC.  
PORCH



8/17/92  
PLANS OK  
TO SIGN  
RH -

Malcolm E. Hudkins  
reg. no 5095

**DAVIDSON DEVELOPMENT ENGINEERS, INC.**

DATE  
8/22/90

200 East Joppa Road  
Room 101, Shell Building  
Towson, Maryland 21204  
(301) 828-9060