

5/25/88  
5/26

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 39804

A 28256

DISTRICT 3rd

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE 8/31/87

DATE SYSTEM APPROVED 5-26-87

INSPECTOR S. Allen

INDEXED  
03-294846

Olen Ketterman IS PERMITTED TO INSTALL X ALTER

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Riccuiti Property ROAD 595 Gaither Road LOT 11

PROPERTY OWNER Glenn Myers

ADDRESS \_\_\_\_\_

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

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

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

**TRENCHES** - 187 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** - Beginning from right front lot corner, place 1st trench 125 feet down the right (750') foot line and 20 feet off the right line as seen when facing property from right of way. Run trenches along contour towards the left (1274') lot line. Maintain minimum 100 feet distance from well to septic.

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

LOCATION ADJUSTED SLIGHTLY DUE TO LOCATION OF NEIGHBORING WELL. GRAVEL ADDED TO TRENCH BEFORE INSPECTION BECAUSE CAVING IN. C.W. 3/05/87

PLANS APPROVED BY C. Williams DATE \_\_\_\_\_

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.

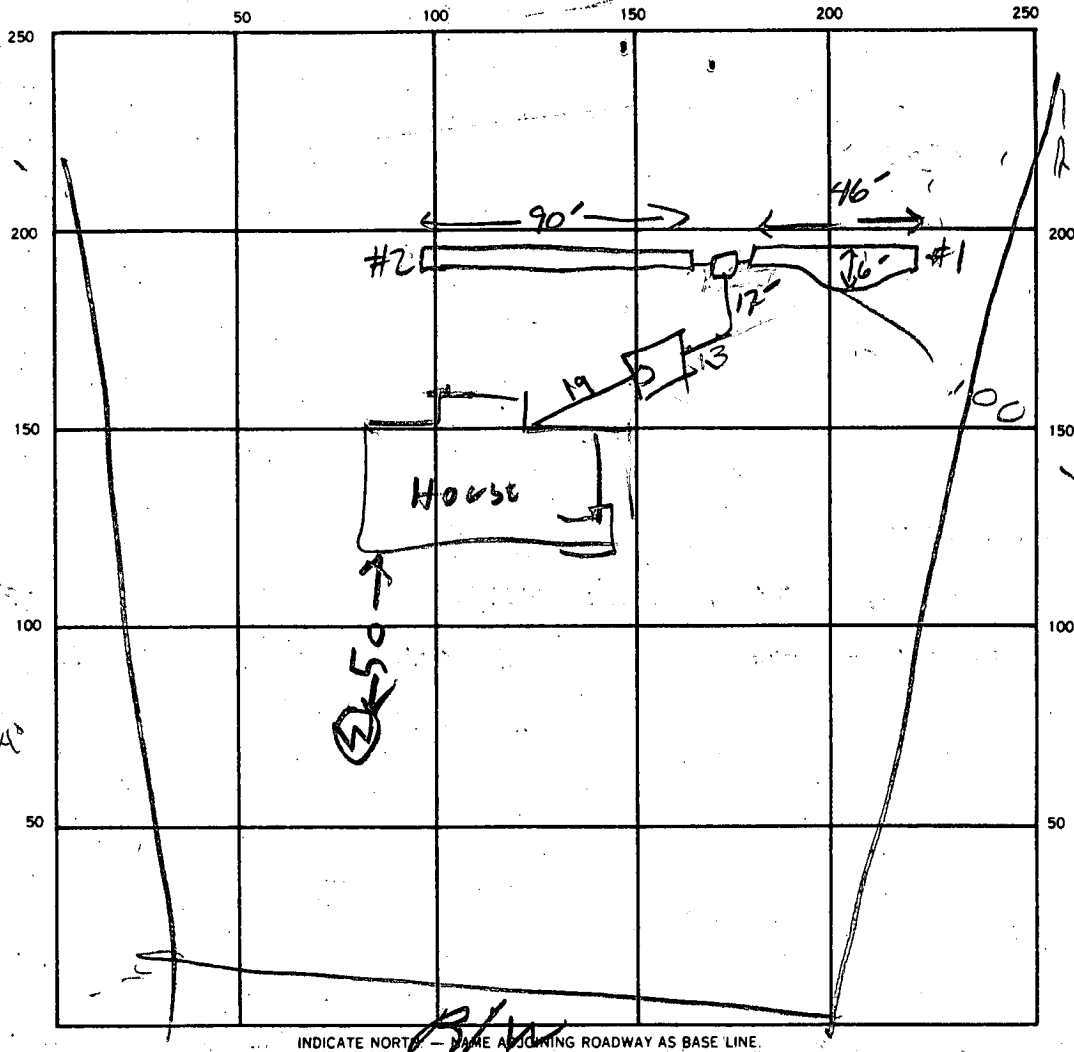
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

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

EH - 2-1186

A 28256



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

WELL ON ADJOINING LOT

3  
46  
90  
5.5  
230  
450  
495

SEPTIC TANK LEVEL 1500

CLEANOUTS ST O.K.

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD TILE FIELD DEPTH 8-8.5' FT. TRENCH WIDTH 2 FT. INLET DEPTH 3' FT. w/20' 6" FB WIDE

EFFECTIVE GRAVEL DEPTH 5-5.5' FT. TOTAL LENGTH 46 90 FT. TLR 136

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 300 + 495 SQ. FT.

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

ABSORBENT AREA 795+ SQ. FT.

REMARKS 5/24/88 LOCATION O.K. PER PLANS TRENCH STARTED  
TRENCHES TO BE PUT BEHIND HOUSE R/H

S-28-88 - NO WORK DONE SA

S-26-88 OK TO SHORTEN TRENCH w/ EXCESSIVE WIDTH OF TRENCH S. abel

DATE SYSTEM APPROVED S-26-88

INSPECTOR S. abel

# APPLICATION

A 28256

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 3rd

DATE 19 June 78

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

*Pres*  
*7/18/78*  
*9:30 AM*  
*7/25/78*  
*1:30 P.M.*

4H6

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 Glenn L. Meyers and Darlene E. Meyers

ADDRESS 3235 Magolia Ave. Baltimore, Md. 21227 PHONE 636-1834

### PROPERTY LOCATION:

SUBDIVISION Angelo Ruta & Elsie M. Ricciuti LOT NO. 11

ROAD AND DESCRIPTION Lot 11, Index Number 122613, Gaither Road, Sykesville, Md. 21784 (Part of Parcel 43, Tax Map 4), L670, F431.

SIZE OF LOT 9.89 acres M/L TYPE BLDG. 4 BR Residence.  
NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT *Glenn L. Meyers* & *Darlene E. Meyers*

APPROVED BY *C. Williams* FOR TRENCHES DATE 6/16/78  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS *J. Keller* DATE 18 July 78

REASONS FOR REJECTION OR HOLDING Hold for review (GLK) 25 July 78 plat needed  
OK (GLK) & (DM) Hold for plat (Haught contacted) 4 Aug. 78

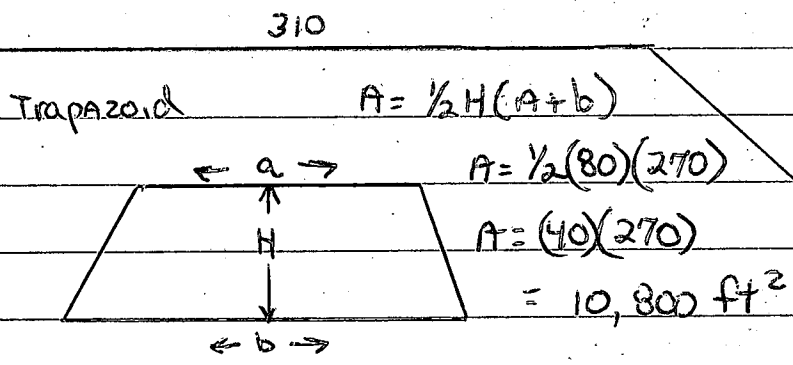
BLDG. PERMIT SIGNED AND RETURNED 8/3/87  
*8/3/87*

# THIS IS NOT A PERMIT

*BP 13749*



GAITHER ROAD



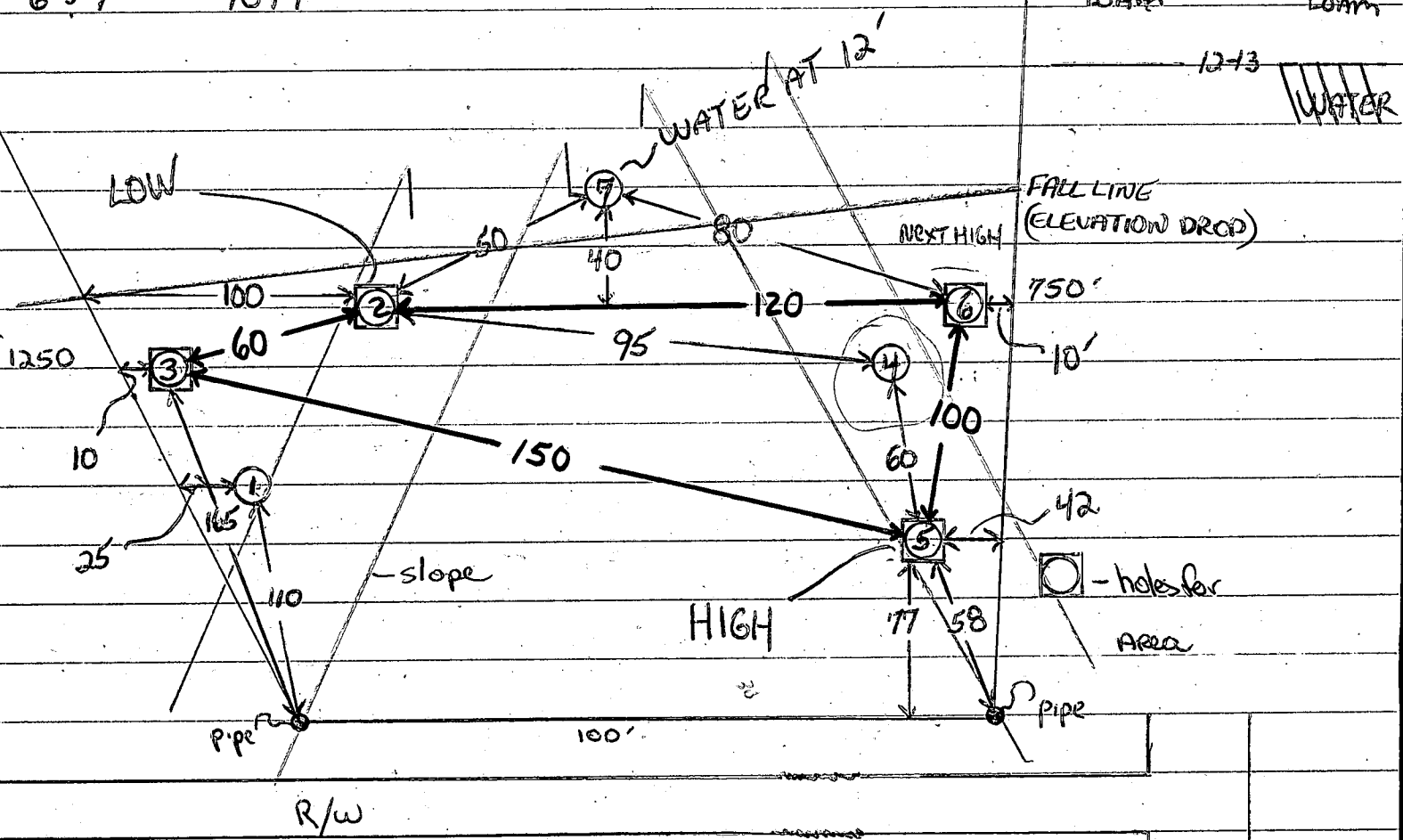
Hole 1	Hole 2
CLAYEY LOAM 06	CLAYEY LOAM 06
SILTY LOAM 3	SILTY LOAM 3
HARD BLUE MICA SANDSTONE 5	
SOLID 10	HARD PACKED 13

Elevation difference:

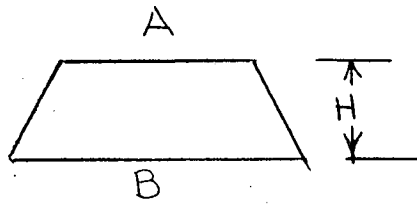
$2 \frac{3}{7} \approx 4 \text{ ft}$

$6 \frac{3}{7} \approx 10 \text{ ft}$

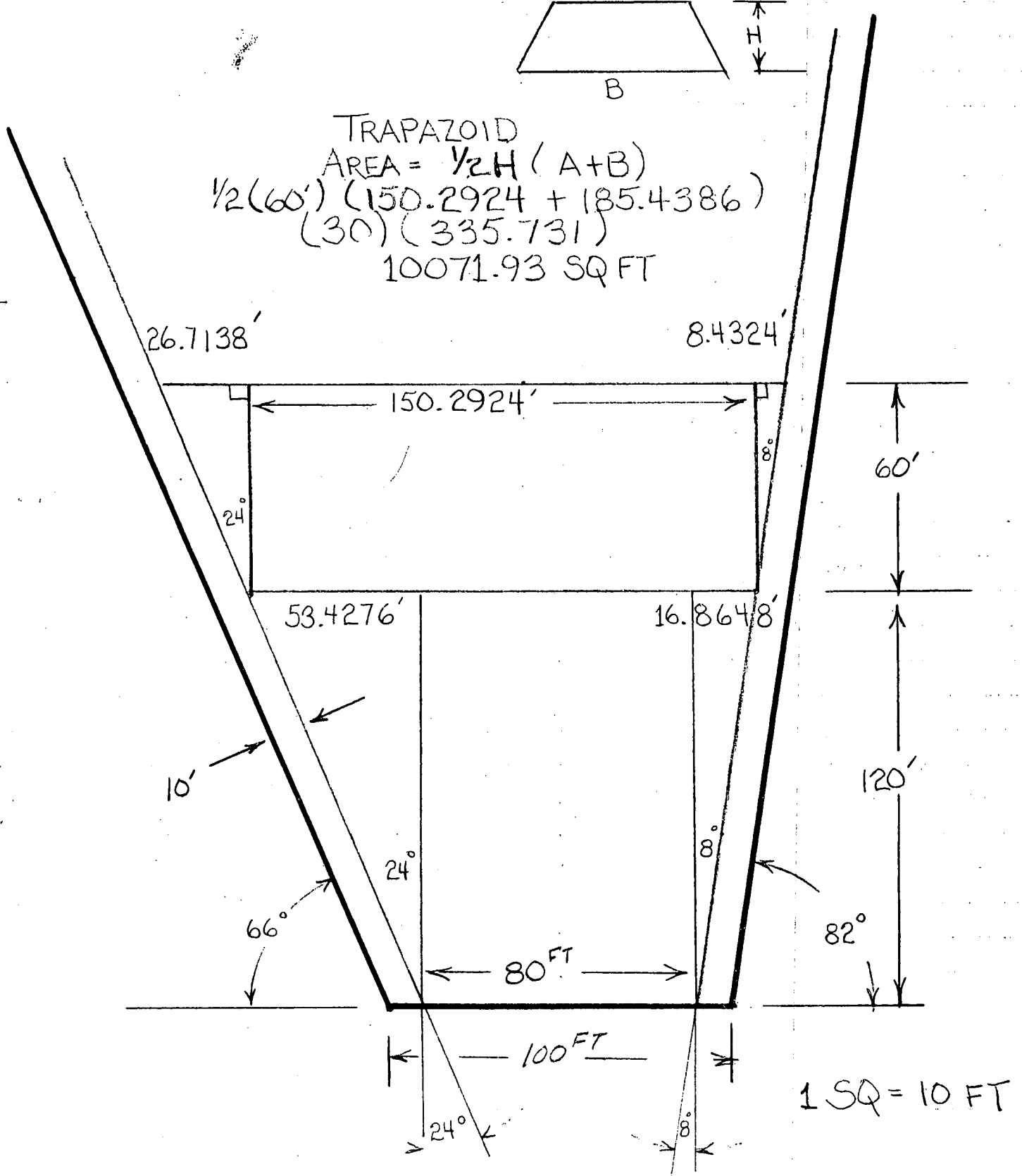
Hole 3,4,5,6	Hole 7
CLAYEY LOAM 06	CLAYEY LOAM 06
SANDY SILTY LOAM 2-3	SANDY SILTY LOAM
WATER 12-13	WATER



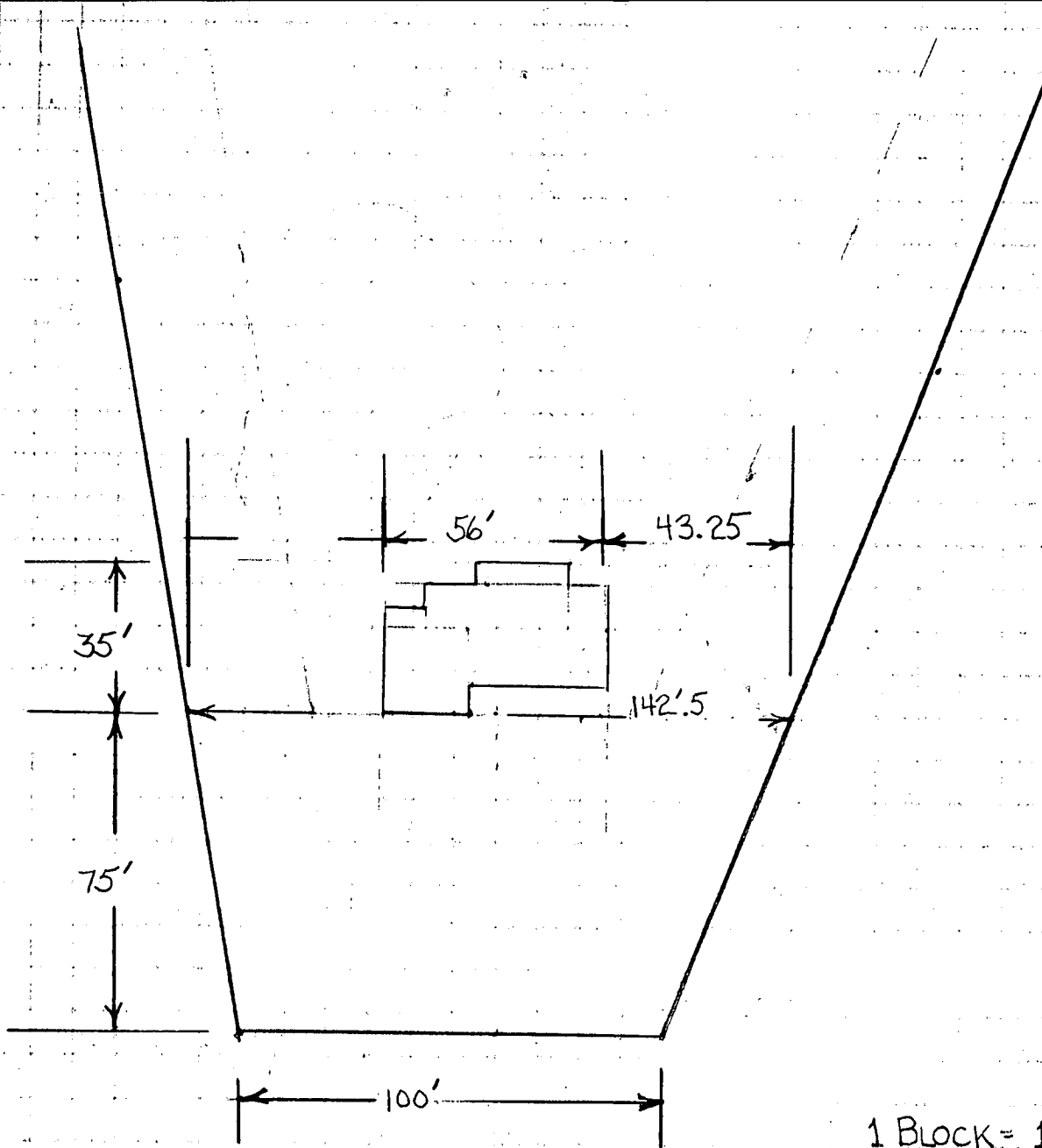
Gaither Rd



TRAPAZOID  
 AREA =  $\frac{1}{2}H(A+B)$   
 $\frac{1}{2}(60')(150.2924 + 185.4386)$   
 $(30)(335.731)$   
 10071.93 SQ FT







1 BLOCK = 10 FEET

**B 1** **5467** 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  
**40-21-1966**  
fill in this form completely

**Date Received**  
012997

**OWNER INFORMATION**

MEYERS GLENN  
3295 MAGNOLIA AVENUE  
CALT WAKE MD 21227

**B 3** **LOCATION OF WELL**

8 COUNTY  
21  
23 SUBDIVISION  
SECTION 44 46 LOT 48 50  
52 NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) 2 MI

**DRILLER INFORMATION**

Dana Kyker, Jr. II  
Westminster Rotary Well Drilling, Inc  
P.O. Box #361, Westminster, Md. 21157  
1/26/87

**B 4** **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

11 **GAITHER Rd.** 30  
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 25 37  
DISTANCE FROM ROAD  
ENTER FT or MI

**B 2** **WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.)  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

HOWARD A 28256  
COUNTY NAME COUNTY NO.  
OEP SIGNATURE STATE HEALTH INSERT S  
DATE ISSUED  
CO SIGNATURE EXP. DATE  
NORTH GRID EAST GRID

**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)

APPROXIMATE DEPTH OF WELL 200 FEET  
APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER  
1. City  
2.  
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8084  
N 5504

**METHOD OF DRILLING (circle one)**

BORED (or Augered) JETTED Jetted & DRIVEN  
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic: Rotary)  
CABLE REVERSE-ROTary DRive-POINT  
other

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

GAITHER RD  
GRAVEL  
X W E L

**REPLACEMENT OR DEEPEMED 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 DEEPEM 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

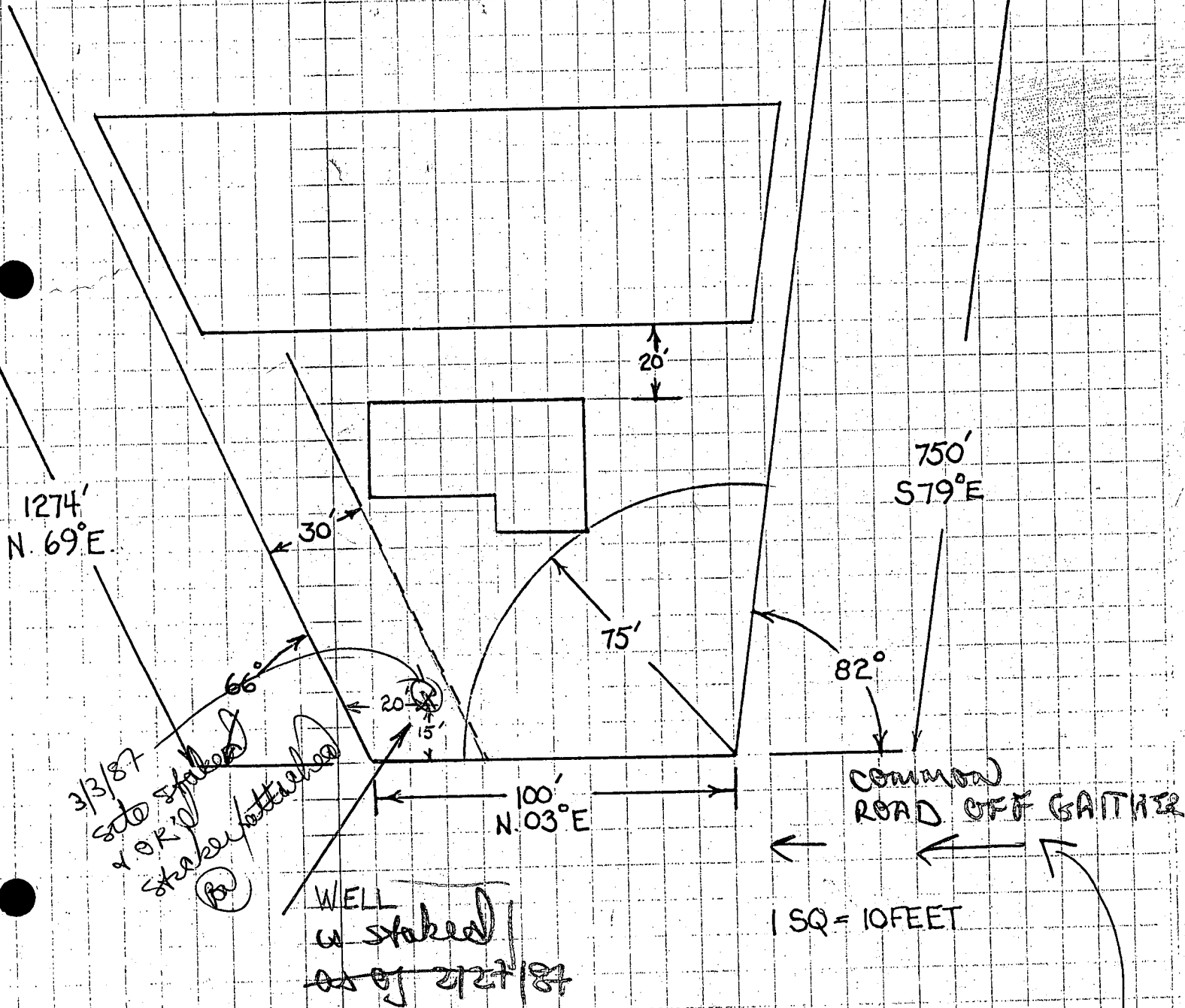
FORCE RI WRITE INITIALS IN BOX PERMIT No. 40-21-1966

**SPECIAL CONDITIONS**

LOT II GATHER ROAD  
 RUTAN RICCIUTI

MYERS IS  
 OWNER  
 789-4529

UP across from Gather side of  
 Long driveway (where 590's are)  
 1st property on right past  
 new house being constructed



C1 3900 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 A28256

DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED 041187 Depth of Well 250 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-1966

OWNER MEYERS GLEN last name GAITHER first name RD TOWN SYKESVILLE  
 STREET OR RFD RICCIUTI PROPERTY SECTION 11 LOT 11

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	
Dirt	0	11	
Soft Brown Shale	11	60	
Soft Brown Shale	60	61	X
Soft Brown Shale & Clay	61	100	
Clay	100	102	X
Soft Brown Shale	102	118	
Blue Schist	118	224	
Fracture	224	225	X
Blue Schist	225	250	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle appropriate box) Y N  
 TYPE OF GROUTING MATERIAL  
 CEMENT CM BENTONITE CLAY BC  
 NO. OF BAGS 34 NO. OF POUNDS 3196  
 GALLONS OF WATER 204  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 121.3 ft.  
 (enter 0 if from surface)

CASING RECORD  
 casing types insert appropriate code below  
ST CO STEEL CONCRETE  
PL OT PLASTIC OTHER  
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
SF 5 123.3  
 60 61 63 64 66 67 70

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.)  
 EACH SCREEN N  
80 123.3 250  
 8 9 11 15 17 21  
 23 24 26 30 32 36  
 38 39 41 45 47 51

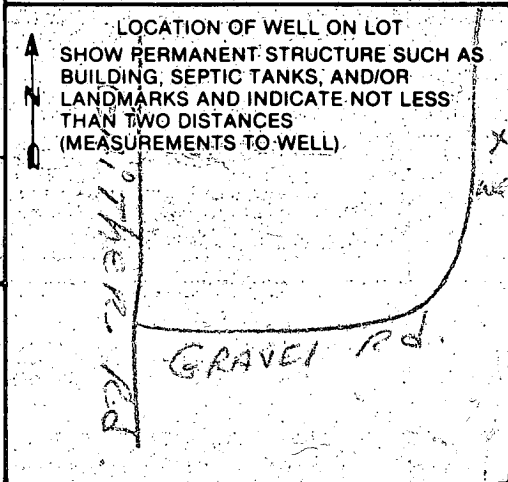
CIRCLE APPROPRIATE LETTER  
 A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.  
 E ELECTRIC LOG OBTAINED  
 P TEST WELL CONVERTED TO PRODUCTION WELL

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

C3 15GPM  
 PUMPING TEST  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 45  
 METHOD USED TO MEASURE PUMPING RATE Submersible  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 50  
 WHEN PUMPING 12.5  
 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)  
+ above - below LAND SURFACE 2 (nearest foot)



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. 256  
Dana Kyker, Jr. II

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
Dana Kyker, Jr. II

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



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 # 41749  
 Date 3/17/88  
 Name of Installer C. Edward Abend Telephone 848-0204  
 License number 2276  
 Certified Well Pump Installer  Well Driller  Registered Plumber   
 Name of Property Owner Colen Meyers Telephone 789-4525  
 Subdivision Wesville Howard Lot # 11 Well tag # HO-81-1966  
 Site Address 595 Gaither Rd

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower <u>1/2</u>	1. Make <u>Harvard</u>
a. Deep well jet <input type="checkbox"/>	2. RPM <input type="checkbox"/>	2. Model # <u>PT800</u>
b. Shallow well jet <input type="checkbox"/>	3. Voltage <input type="checkbox"/>	3. Depth <u>4'</u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 <input type="checkbox"/>	
2. Make <u>Myers</u>	b. 220 <input checked="" type="checkbox"/>	
3. Model # <u>52J52-J54P</u>		
4. Capacity <u>4</u> GPM		
5. Pump exceeds well capacity Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
6. If Yes, is low pressure cutoff switch installed? Yes <input type="checkbox"/> No <input type="checkbox"/>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <input type="checkbox"/> Cable guards <input checked="" type="checkbox"/> Other <input type="checkbox"/>		

<b>Tank</b>	<b>Piping</b>	<b>Well data</b>
1. Capacity <u>40 gal.</u>	1. Type <u>Blue Poly</u>	1. Depth <u>250</u> ft.
2. Pressure relief valve? <u>75 lb</u>	2. Size <u>1"</u>	2. Yield <u>30</u> GPM
	3. NSF and/or BOCA Code approved <u>CP2B13-362</u>	3. Static water level <input type="checkbox"/> ft.
	4. Depth of supply line <u>4'</u>	4. Will water supply be disinfected by installer? <u>Yes</u>

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: C. Edward Abend

Date: \_\_\_\_\_

*PM*  
 6/1/88 - COVER  
 OUTSIDE WORK STICKER PUT ON WELL  
 PRESSURE TANK NOT YET

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

R HODGES