

5-3-88
AM
2 pm

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 41934
A 30592
DISTRICT 3rd
DATE 4/10/88
DATE SYSTEM APPROVED 5-3-88
INSPECTOR JEN

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED
03-311062

Jack Fyock

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Triadelphia Woods ROAD 12312 ~~Triadelphia Road~~ LOT 21
(Encole Court)

PROPERTY OWNER Grosen Development Company

ADDRESS (Dr & Mrs. Jaime Braham)

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

GARBAGE GRINDER? YES _____ NO

202
200 200 ft

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 100 feet from the right lot line (high side of property) and 260 feet from the rear lot line. Run trench(s) along contour toward rear of lot.

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

PLANS APPROVED BY C. Williams DATE 5/27/86

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: 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 2/4/92

Serial # 41028

William

BLDG. PERMIT SIGNED

AND RETURNED 4/10/90

Serial # 32037

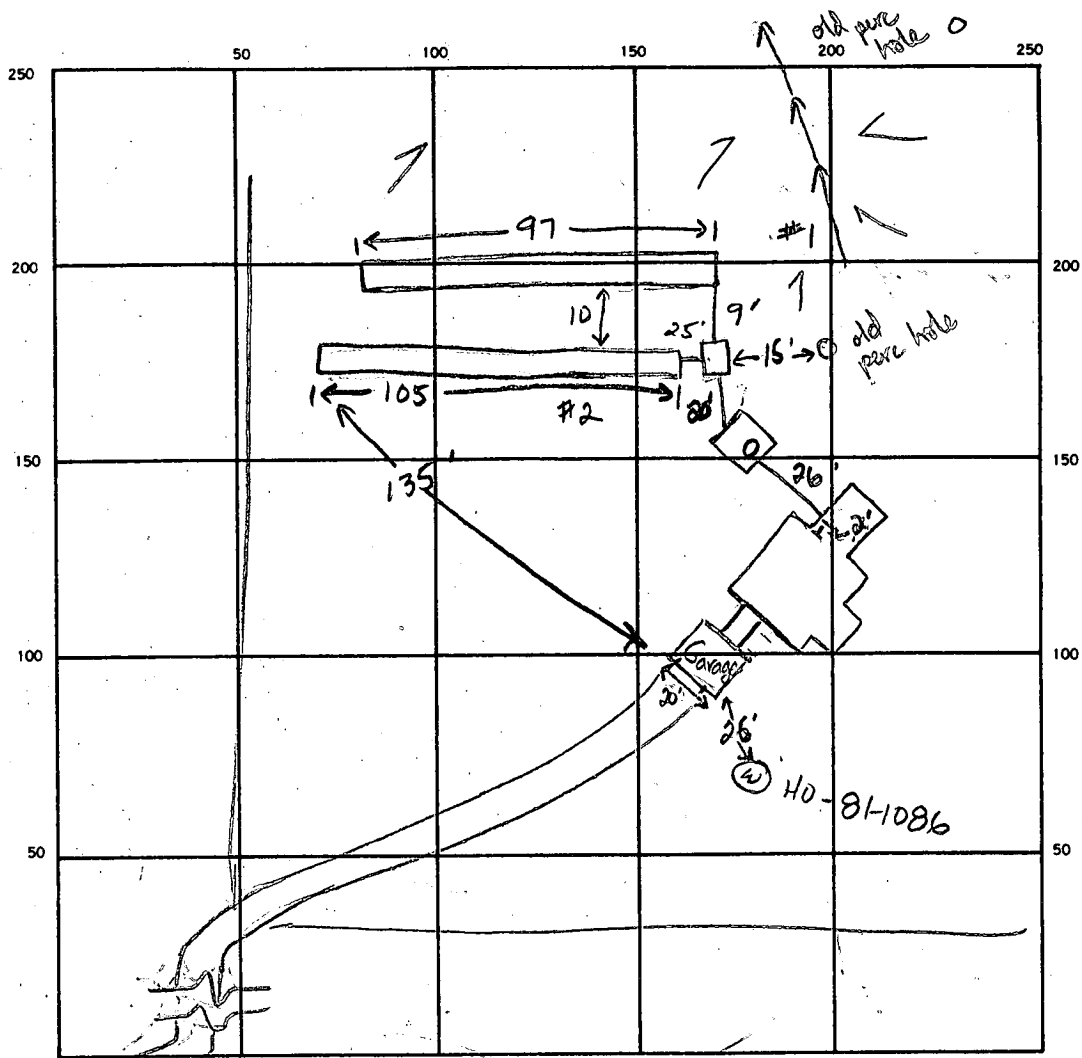
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS

back driveway entrance
Structure

EH - 2-1186

A 30592



56
24
224
112
134

25
11
27
20
26
2
24
7
8

Ericole Ct

SEPTIC TANK LEVEL 1250 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL ok w/ baffle

DRAIN FIELD/TILE FIELD. DEPTH 75 75 FT. TRENCH WIDTH 2 FT. INLET DEPTH 35 35 FT.

EFFECTIVE GRAVEL DEPTH 4 4 FT. TOTAL LENGTH 97 105 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 388 / 420 SQ. FT.

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

ABSORBENT AREA 808 SQ. FT.

REMARKS 5-3-88. Ok to add stone, pipe and paper to trench #1. Ok to cover #1. Extend trench #2 to 105 ft ±. JEN 5-3-88 Ok to add stone, pipe & paper to trench #2. Ok to cover trenches and all other work. JEN

DATE SYSTEM APPROVED 5-3-88

INSPECTOR Jane E. Madenan

APPLICATION

nee

A 30592

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, MARYLAND 21043
TELEPHONE: 992-2330

*inv: 31
maxwell 9'*

*MUST FIND COPY OR
FINAL PLAT IN ORDER
TO WRITE SPECS
3/8/80 RV*

DISTRICT 3rd.

DATE 3/12/80

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 ~~Carroll Millholland~~ CROSEN Development Co.

ADDRESS c/o Boender Associates, Inc. PHONE 465-7777

PROPERTY LOCATION

SUBDIVISION Triadelphia Woods LOT NO. ~~0297~~ ~~NC 43~~ ^{LOT 21}

ROAD AND DESCRIPTION 12312 West side of Triadelphia Road @ ~~Carroll Mill Road~~

SIZE OF LOT 3 acres TYPE BLDG. SFD

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 _____

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE 4/14/80 *Hold fee certified holes SK+CP*

REASONS FOR REJECTION OR HOLDING _____

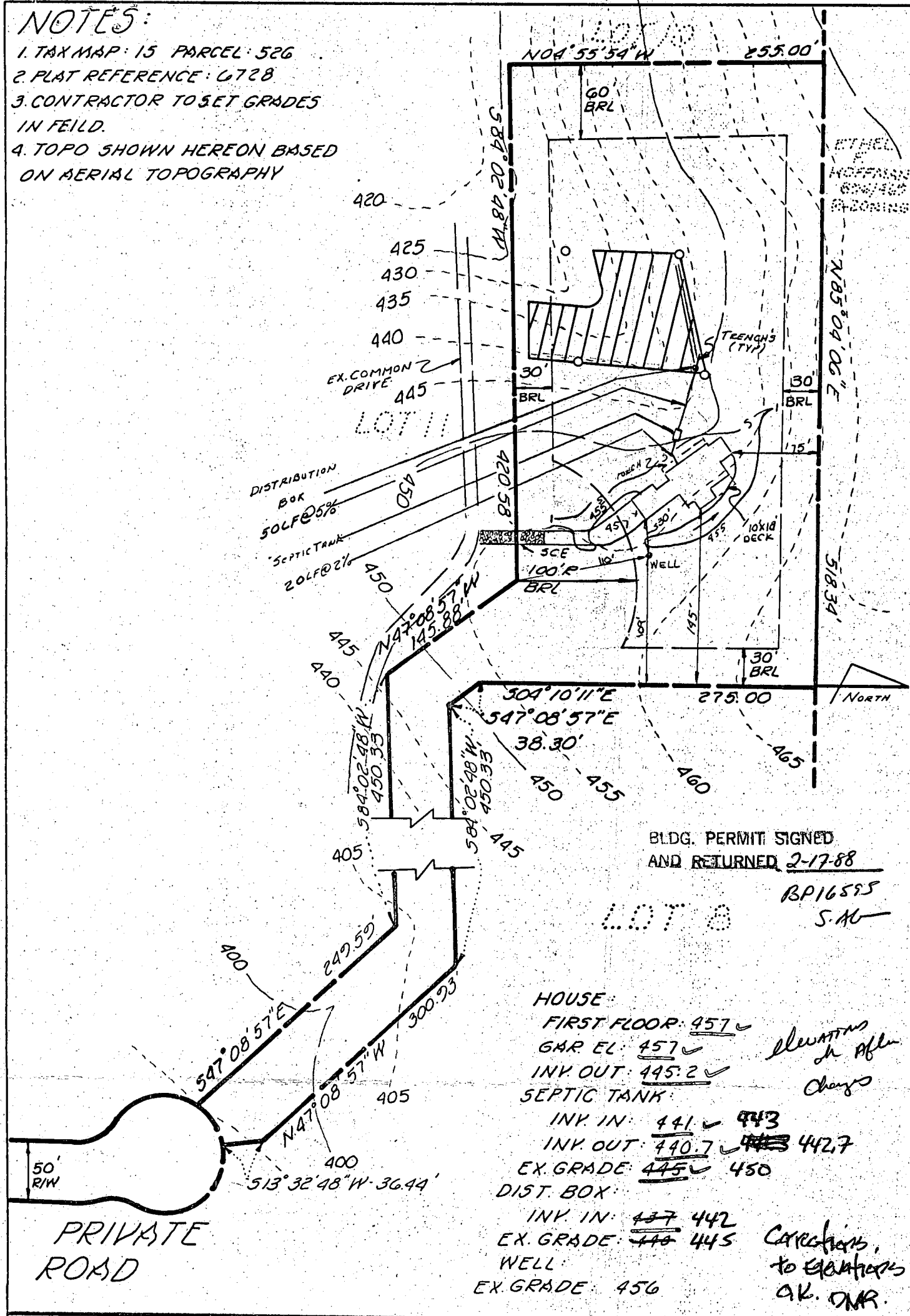
BLDG. PERMIT SIGNED
AND RETURNED 2-17-81

*BP 16595
SK*

THIS IS NOT A PERMIT

NOTES:

1. TAX MAP: 15 PARCEL: 526
2. PLAT REFERENCE: 6728
3. CONTRACTOR TO SET GRADES IN FIELD.
4. TOPO SHOWN HEREON BASED ON AERIAL TOPOGRAPHY



BLDG. PERMIT SIGNED AND RETURNED 2-17-88

BP16595 S.A.

HOUSE:
 FIRST FLOOR: 457
 GAR EL: 457
 INV. OUT: 445.2
SEPTIC TANK:
 INV. IN: 441 ~~443~~
 INV. OUT: 440.7 ~~443~~ 442.7
 EX. GRADE: 445 450
DIST. BOX:
 INV. IN: 437 442
 EX. GRADE: 440 445
WELL:
 EX. GRADE: 456

Elevations in After Change
Corrections to Elevations OK. DMR.

TITLE: GRADING STUDY				
PROJECT: TRIDELPHIA WOODS - LOT 21				
LOCATION: 3RD ELECTION DISTRICT HOWARD CO., MD.				
SCALE: 1"=100'	DESIGNED BY: L.B.	DRAWN BY: D. WELSH	CHECKED BY:	DATE: 1-14-88
FIELD BOOK:	PAGE NO.:	JOB NO.: 87220	DRAWING NO.: 10F1	

boender associates inc.
 consulting engineers
 land surveyors
 land planners

COURTHOUSE SQUARE
 3565 ELLICOTT MILLS DRIVE
 ELLICOTT CITY, MD. 21043
 13011 465-7777

B 1 6491 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

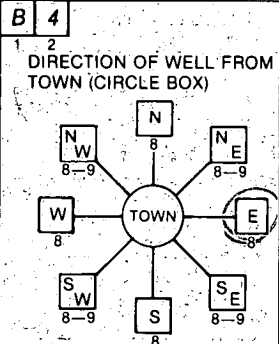
40-81-1086
fill in this form completely

Date Received 9/24/85 2:40 PM

OWNER INFORMATION
Schatz Richard C
9701 Lons View Dr
Ellicott City MD 21043

LOCATION OF WELL
Howard TRIADELPHIA WOODS
TRIADELPHIA WOODS
SECTION 21
Glenelg
MILES FROM TOWN 4 MI

DRILLER INFORMATION
Wm W. Reichart
Wm W. Reichart, Inc.
RD # 2 Box 54 Hanover PA 17331
Wm W. Reichart 3/14/85



Triadelphia Rd
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 1000 FT
ENTER FT or MI 4

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard A 30592
COUNTY NAME COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED
062585
NORTH GRID 528000 EAST GRID 0816000

- 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 250 FEET

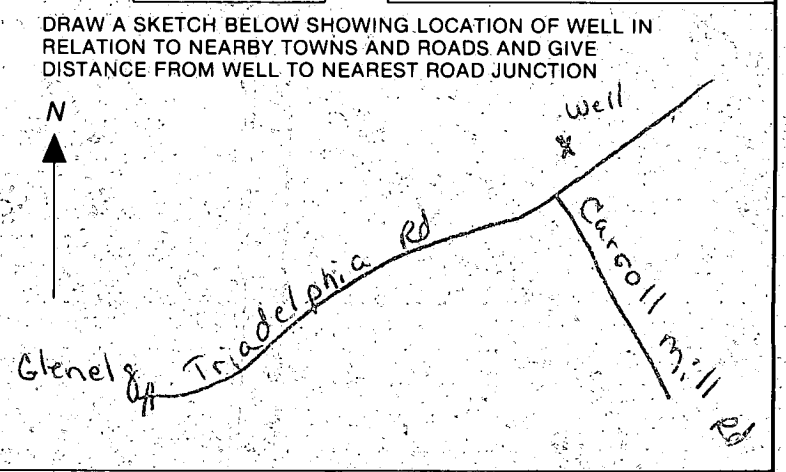
APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jettied & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT
other

REPLACEMENT OR DEEPENEDED 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 DEEPEEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENEDED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE INITIALS PERMIT No. 40-81-1086

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. Approved well
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
810 6
520 8



Page _____ of _____
 Date 9/24/85

Review Carroll ok 10/3/85

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1086
 Location of property (road) TRIADELPHIA ~~WOODS~~ ROAD
 Subdivision TRIADELPHIA WOODS Lot 71 Block _____ Plat _____ Sec. _____
 Well Driller W.M. REICHAERT Owner RICHARD SCHATZ

Depth of well 425'
 Distance of measuring point (M.P.) above ground surface
 Static water level (S.W.L.) below M.P. 33'

I. High rate pumping -- reservoir drawdown

Time pump started 9:30 AM Pumping rate 12 gpm
 Total time 1 1/4 hrs to reach pumping water level 395' 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)
9:30	33'	25 sec		12
9:45	135'	"		12
10:00	228'	"		12
10:15	315'	30 sec		10
10:30	370'	50 sec		6
10:45	395'	300 sec		1
11:00				
11:15				
11:30				
11:45				
12:00				
12:15				
12:30				
12:45				
1:00				
1:15				
1:30				
1:45				
2:00				
2:15				
2:30				
2:45				
↓	↓	↓		↓
4:45	395'	300 sec		1

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL
DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation, so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

Richard G. Schatz
(Name)

9701 Long View Drive
(Address) Edelcott City, Md
21043

HO-81-1086
(OEP Well Permit Number)

(Date)

5-4-88
anytime

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 # 411653
Date 5/3/88

Name of Installer MARINO P+H INC.

Telephone 747-5615

License number M-3095
Certified Well Pump Installer

Well Driller Registered Plumber

Name of Property Owner DON GROSEN
Subdivision TRIADELPHI WOODS Lot # 21
Site Address 12312 EPICHOLE CT.
Ellicott City md. 21043

Telephone 854-6655
Well tag # HD-01-1086

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 BRASS 1"
 - 2. Model # 1"
 - 3. Depth 42"

2. Make Goolds
3. Model # SES07412
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

Tank

- 1. Capacity WX 302
- 2. Pressure relief valve? YES

- Piping
 - 1. Type 1"-1601b Quest
 - 2. Size 1"
 - 3. NSF and/or BOCA Code approved YES
 - 4. Depth of supply line 42"

- Well data
 - 1. Depth 425'
 - 2. Yield GPM
 - 3. Static water level 2' ft.
 - 4. Will water supply be disinfected by installer? NO
By Builder

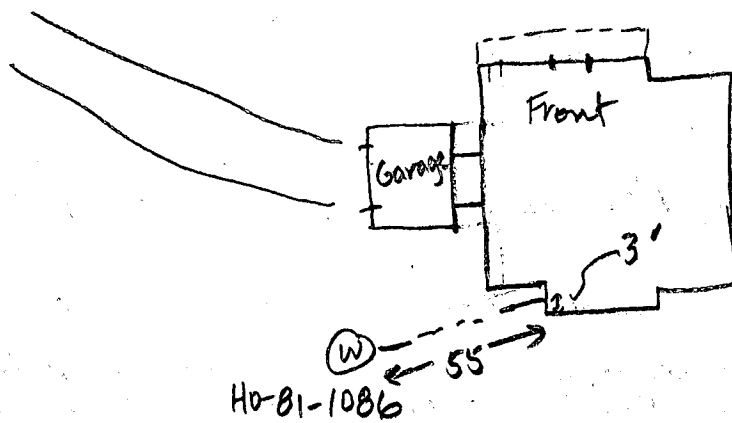
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: Joseph D. Marino

Date: 5-3-88

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



1
23
24
47 2
46
55

5-4-88 Pitless adaptor at 41 inches, Well line covered in trench. Electrical line not connected. Ground wire connected to well casing. House connection cemented. No pump tank installed yet.
JE Nadeau

