

7/7/92 ADAP MISSED
7-8-92 10am
2:30

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48227

A 38499

DISTRICT 3rd

DATE 5/12/92

DATE SYSTEM APPROVED 7/8/92

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
313-2640

03-312720

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5670

SUBDIVISION Triadelphia Woods LOT 52 ROAD 12633 Fawn Run Court

PROPERTY OWNER Robert Kfpke (Fred Dixon)

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - 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 - From the lower back left lot corner, start the first trench 115 feet up the left lot line and 115 feet off the left lot line. Run trenches along contour toward the left property boundary. (Left lot line as seen when standing at the well and looking toward the rear of the lot.)

NOTES - 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 5/16/89

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

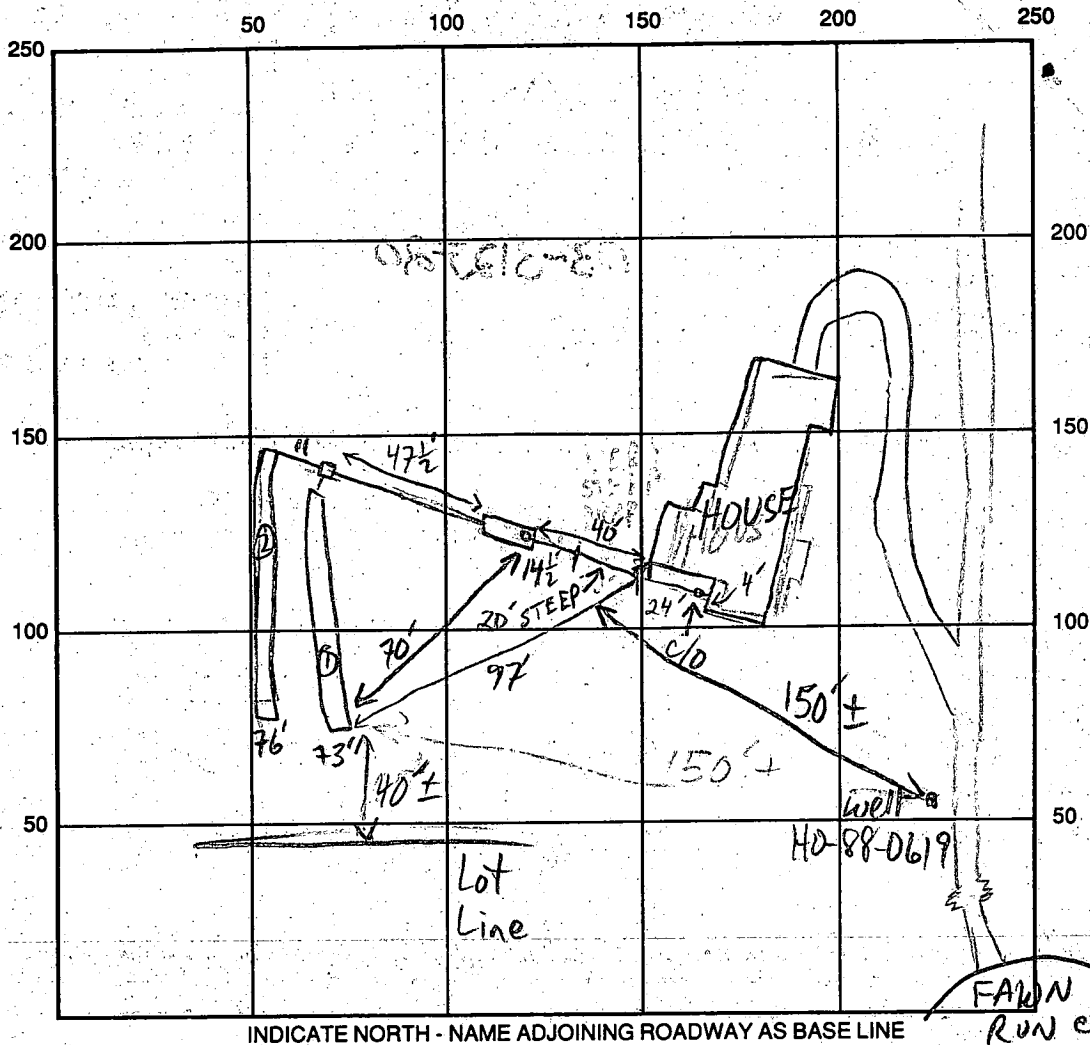
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 11/10/92
Serial # 46046 deck

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

A 38499



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK (TARRED) CLEANOUTS INLINE & S.T. - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 11/8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4/5 FT. TOTAL LENGTH ① 73' ② 76' FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA ① 365 ② 380 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 745 SQ. FT.

REMARKS: 7/7/92 STARTING LOC. PULLED UPHILL 30' ± BY INSTALLER;

S.T. HOLE ROCKY ⇒ S.T. SEAM TO BE TARRED. MR

7/8/92 OK TO COVER ALL MR

DATE SYSTEM APPROVED

7/8/92

INSPECTOR

M. Ripkin

7/14/92 AMTIME

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 X Replacement _____ Receipt # 48339
Date 7/10/92
Name of Installer WILLOUGHBY PLUMBING SERVICES, INC. Telephone 781-7051
License Number 6992
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X
Name of Property Owner ROBERT KIRKE Telephone 442-5965
Subdivision Tridelpbia Woods Lot # 52 Well Tag # 90-0619
Site Address 12633 FAWN RUN CT. ELICOTT CITY, MD

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible ✓
2. Make Jacuzzi
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 TAPE

Motor
1. Horsepower 1HP
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220 ✓

Pitless Adapter
1. Make HARVARD
2. Model # _____
3. Depth 4ft.

Tank
1. Capacity _____
2. Pressure relief valve? YES

Piping
1. Type POLYBUTYLENE
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 4 FT.

Well data
1. Depth 400' ft.
2. Yield 2 GPM
3. Static water level 47 ft.
4. Will water supply be disinfected by installer? NO

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: Chris J. Willoughby
Date: 7/9/92

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

7/19/92 OR TO COVER OUTSIDE WORK
PRESSURE TANK NOT INSTALLED
RH

APPLICATION

PERCOLATION TESTING

A 38499

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 3

DATE 10/20/86

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 Pataxent Land Co., Inc.

ADDRESS _____ PHONE 531-5539

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Triadelphia Woods LOT NO. LOT 52 Prelim 32 50 6/29

ROAD AND DESCRIPTION Triadelphia Rd. on right 1/2 mile West of Carroll Mill Rd.

TAX MAP 22 PARCEL # 528 12633 Fawn Run Court

SIZE OF LOT 3 1/2 Acre TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

Richard J. Demmitt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

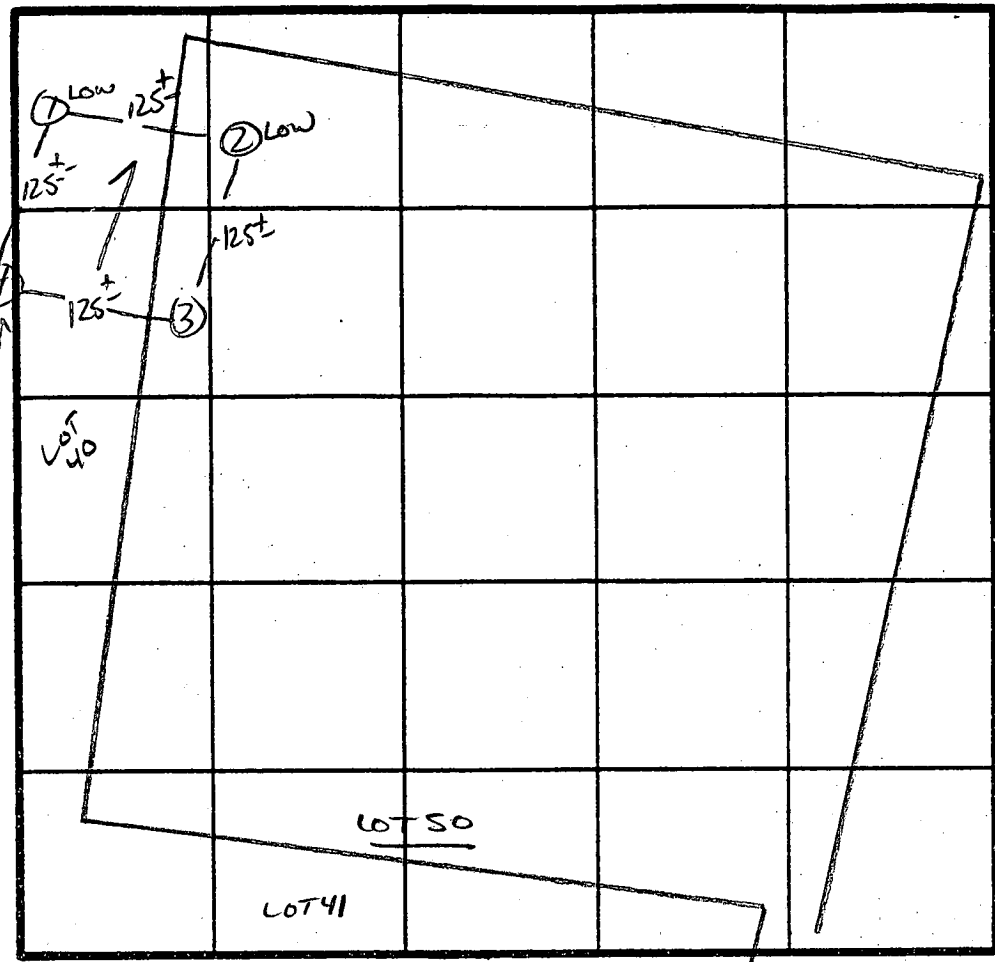
REASONS FOR REJECTION OR HOLDING 2-1787 PERSATISFACTORY; Hold for Subdivision Plat S. Adv.

BUDG. PERMIT SIGNED
AND RETURNED 8/16/86
Serial # 28348
SPD 1/2 Bedrooms

THIS IS NOT A PERMIT

① ②
SOIL PROFILE

41-3
Yellow Br Silty loam 9-12% clay 10% frags
Yell. Be silty Lo. highly micaceous 25-30%



7 PERC
3 MIN
160 Φ BK
INLET 3"
BOTTOM 8"

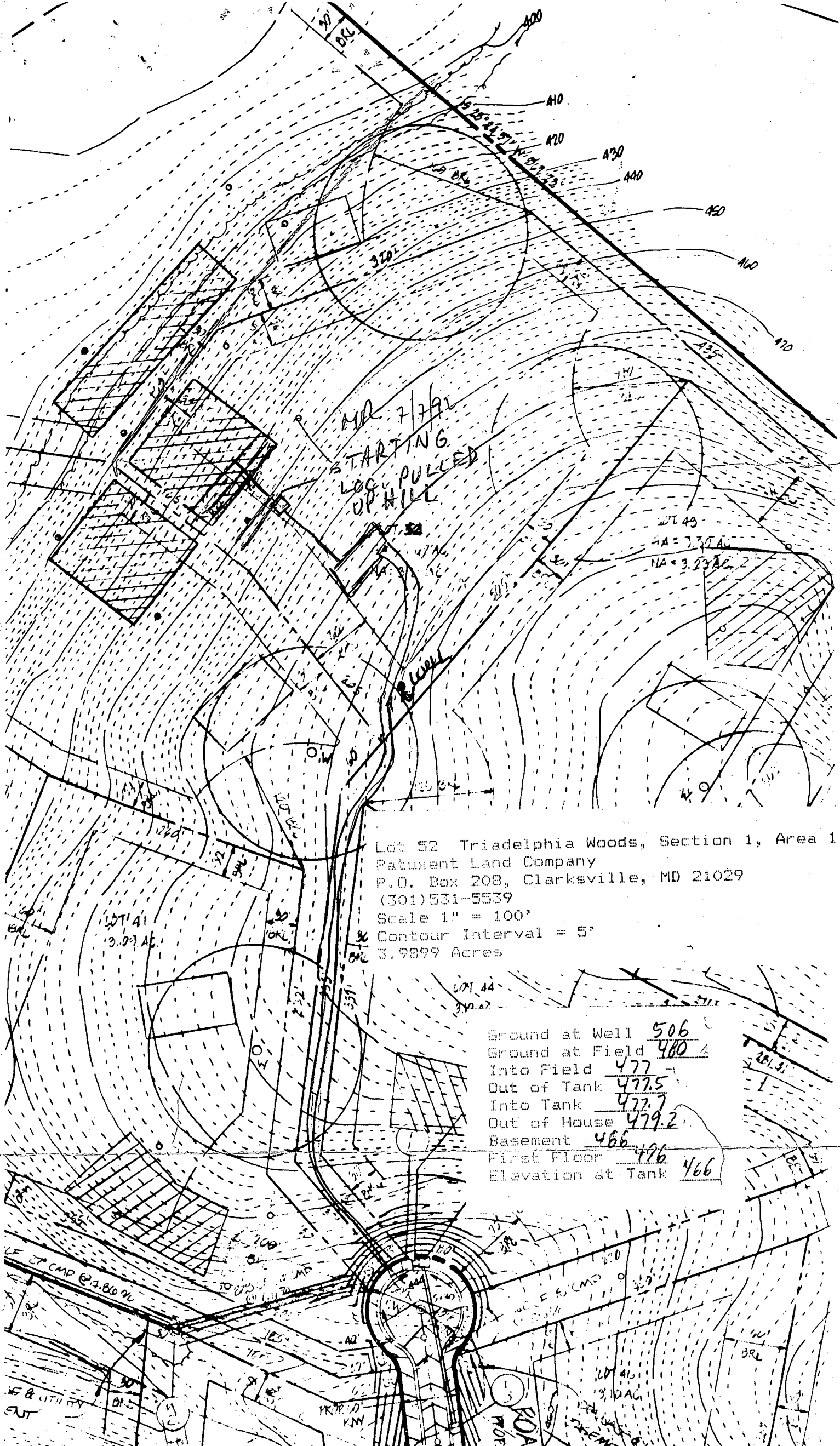
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
↓ TO TRIADOLPHIA Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/17/87	1S	2.5	10:52	10:54	10:54	10:59	5 MIN
		7.5	10:52	10:53	10:53	10:55	2 MIN
	1V	12.5	UNIFORM soil below 3.0'				
	2S	3.5'	11:03	11:04	11:04	11:06	2 MIN
		12.0'	UNIFORM soil below 3.0'				
	3V	12.5'	UNIFORM soil below 3.0'				
	4S	3'	11:08	11:09	11:09	11:11	2 MIN
		7.5'	11:10	11:11	11:11	11:14	3 MIN
	4V	12.0'	UNIFORM soil below 3.0'				

REMARKS: Holes Diff Than Plat. / Sec Part. / Holes 1st 4 LOT LINE HOLES

TYPE OF SOIL: MANDAL

TESTED BY: S. Abel
ALSO PRESENT: KIRBY, Merl, Rommy



Lot 52 Triadelphia Woods, Section 1, Area 1
 Patuxent Land Company
 P.O. Box 208, Clarksville, MD 21029
 (301) 531-5539
 Scale 1" = 100'
 Contour Interval = 5'
 3.9899 Acres

B 1 **9138** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

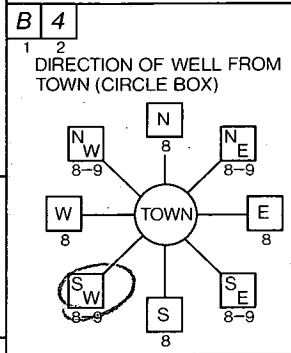
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-0619
 fill in this form completely

Date Received (APA) **050789**
 OWNER INFORMATION
PATUY ENT LAND CO
 Last Name Owner First Name
DOB 208
 Street or RFD
CLARKSVILLE MD 21029
 Town State Zip

B 3 LOCATION OF WELL R **4419.1**
HOWARD COUNTY
TRIADDELPHIA WOODS SUBDIVISION
 SECTION **52** LOT **52**
MAYFIELD NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
 George F. Easterday
 Driller's Name L. Franklin Easterday, Inc.
 Firm Name
 9265 Brown Church Rd., Mt. Airy, Md. 21771
 Address
 Signature **George F. Easterday** Date **5/4/89**



TRIADDELPHIA RD NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH SOUTH WEST EAST
1200 DISTANCE FROM ROAD
 ENTER FT or MI **FT**

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME
A38499 COUNTY NO.
 STATE SIGNATURE _____ INSERT S
 DATE ISSUED **051689** **Craig Williams** 11/16/89
 NORTH GRID **527000** EAST GRID **0815000**

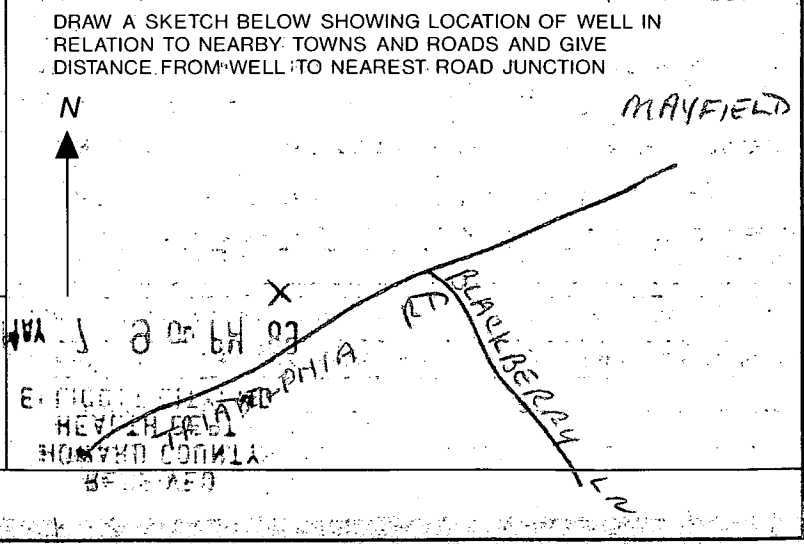
APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary Drive-POINT
 other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. WELL
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **810 5**
 N **520 7**
 6/28/89 11:00 GROUT
 12 BAGS OBS'D
 36' OPEN MR
 42' CASING 6/28/89
 3' CASING H.G.
 ITAG OK

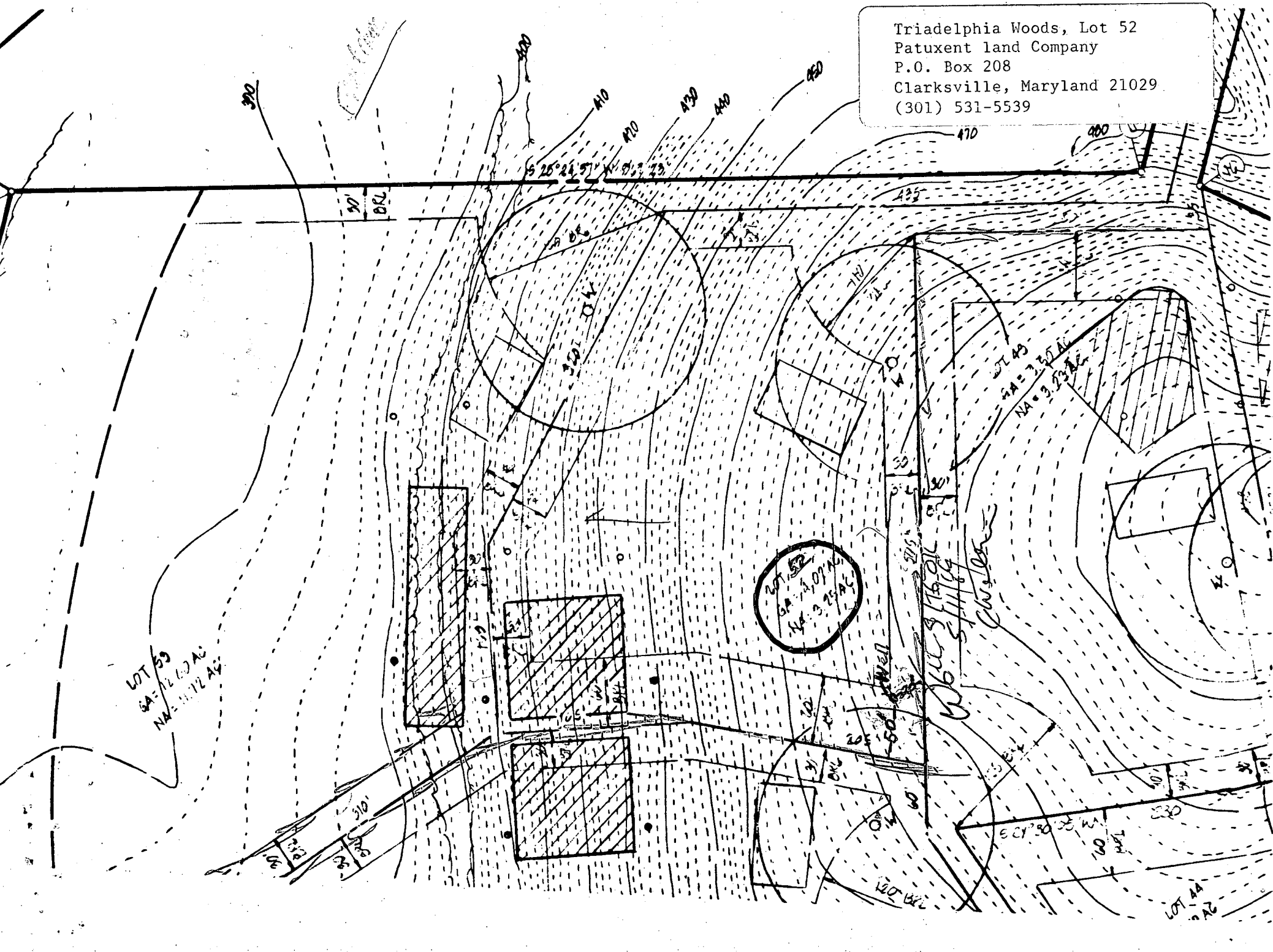
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT-NUMBER OF WELL TO BE REPLACED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



Not to be filled in by driller (OEP USE ONLY)
 APPROX. PERMIT NUMBER **1111** GAP
 FORCE **CLW** INITIALS PERMIT No. **HO-88-0619**

SPECIAL CONDITIONS _____

Triadelphia Woods, Lot 52
Patuxent Land Company
P.O. Box 208
Clarksville, Maryland 21029
(301) 531-5539



C1 0262 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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 A 38499

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 062889

22 26 400 (TO NEAREST FOOT)

28 37 110-88-11619

OWNER PA... last name... first name... TOWN GLENELC SUBDIVISION... SECTION... LOT 52

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 FROM TO Check if water bearing

Table with 3 columns: Description, Feet From, Feet To. Includes entries like Top Soil, RR Stone, Gray mica, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) yes [Y] no [N]

TYPE OF GROUTING MATERIAL CEMENT [CM] BENTONITE CLAY [BC]

NO. OF BAGS 12 NO. OF POUNDS 1200

GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 36 ft. (enter 0 if from surface)

CASING RECORD

ST CO PL OT STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

SCREEN RECORD

ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

Table for screen depth with columns for each casing section and depth in feet.

- 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 PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. DRILLERS SIGNATURE SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 46

WHEN PUMPING 212

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

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) LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

6-28-89
8:00

Review 1/18/91 MROK

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0619
Location of property (road) TRIADELPHIA RD
Subdivision TRIADELPHIA WOODS Lot 52 Block _____ Plat _____ Sec. _____
Well Driller EASTENDAY Owner PATUXENT LAND CO.

Depth of well 400 2 1/2 GPM
Distance of measuring point (M.P.) above ground 3 FT.
Static water level (S.W.L.) below M.P. 46 FT.

I. High rate pumping -- reservoir drawdown
Time pump started 7:45 Pumping rate 10 GPM *slow, hand pump*
Total time 45 min to reach pumping water level _____ 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)
8:30	209'	25 SEC	380 FT.	2 1/2 GPM
8:45	209'	25 SEC		2 1/2 GPM
9:00	212'	37 SEC		1 3/4 GPM
9:15	212'	37 SEC		1 3/4 GPM
9:30	212'	37 SEC		1 3/4 GPM
9:45	212'	37 SEC		1 3/4 GPM
10:00	212'	37 SEC		1 3/4 GPM
10:15	212'	37 SEC		1 3/4 GPM
10:30	212'	37 SEC		1 3/4 GPM
10:45	212'	37 SEC		1 3/4 GPM
11:00	212'	37 SEC		1 3/4 GPM
11:15	212'	37 SEC		1 3/4 GPM
11:30	212'	37 SEC		1 3/4 GPM
11:45	212'	37 SEC		1 3/4 GPM
12:00	212'	37 SEC		1 3/4 GPM
12:15	212'	37 SEC		1 3/4 GPM
12:30	212'	37 SEC		1 3/4 GPM
12:45	212'	37 SEC		1 3/4 GPM
1:00	212'	37 SEC		1 3/4 GPM
1:15	212'	37 SEC		1 3/4 GPM
1:30	212'	37 SEC		1 3/4 GPM
1:45	212'	37 SEC		1 3/4 GPM
2:15	212'	37 SEC		1 3/4 GPM
2:30	212'	37 SEC		1 3/4 GPM
HD-224 2:45	212'	37 SEC		1 3/4 GPM
3:00	212'	37 SEC		1 3/4 GPM

Deck & Hot Tub

12633

FAWN RUN CT.

LOT 52

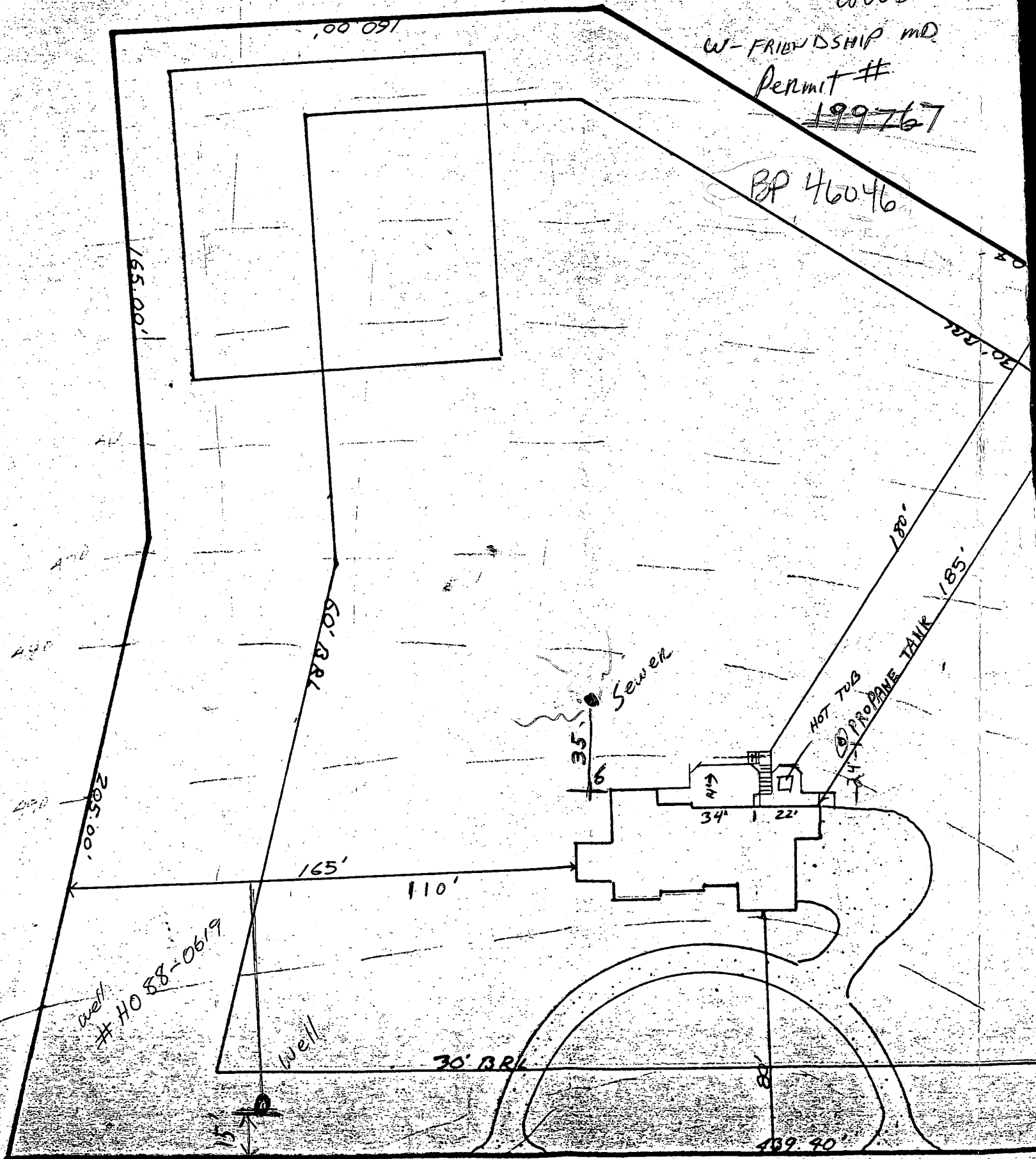
SUB TRIAD ELPHIA
WOODS

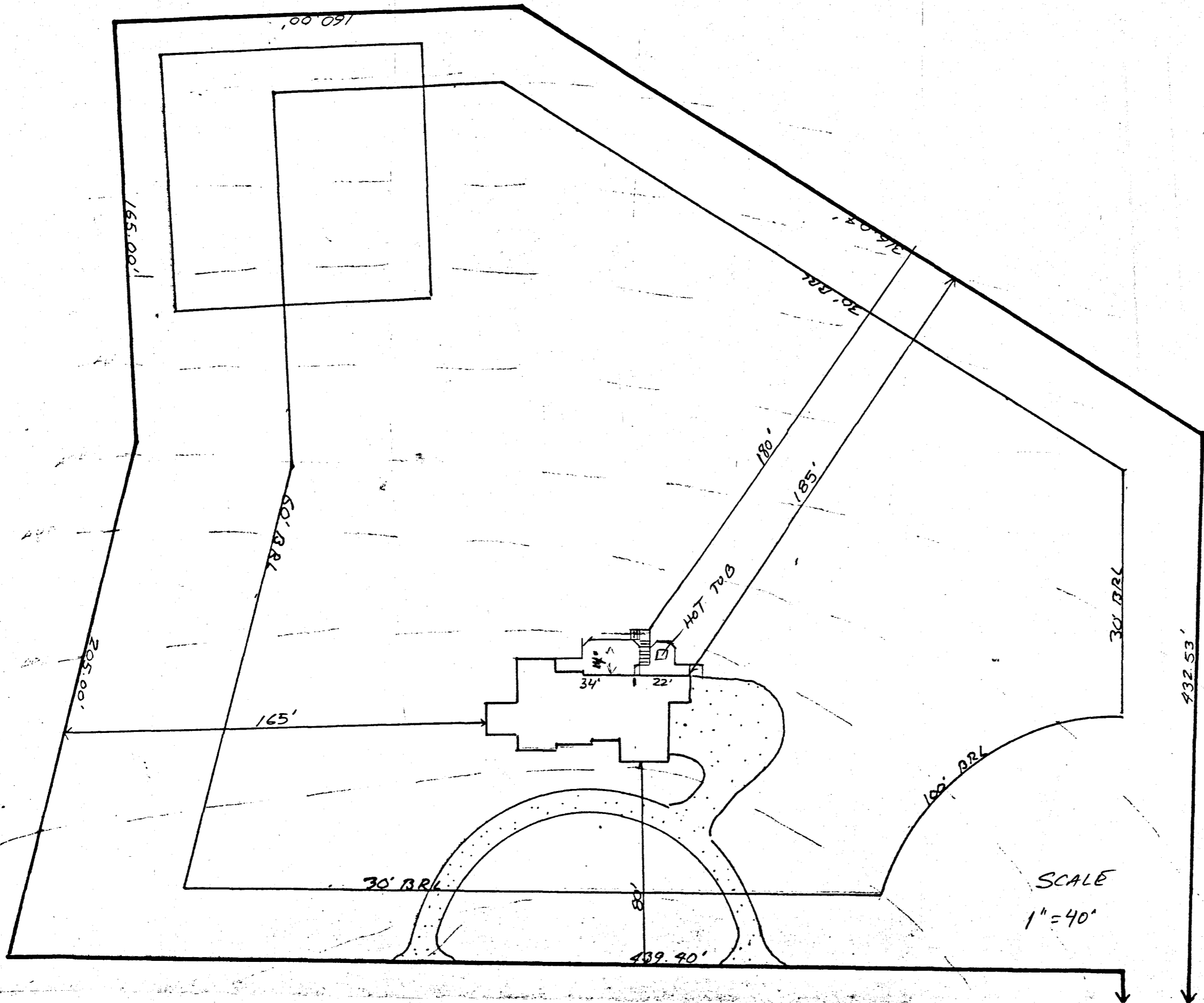
W-FRIENDSHIP MD

Permit #

199767

BP 46046





1" = 40'

SCALE
1" = 40'

11/10/92
OK TO SIGN
BP 460046
R Hoelger