

03-311090

6-8-88  
2PM  
6-9-88  
ASHP

# PERMIT

P 41793

SEWAGE DISPOSAL SYSTEM

A 34583

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 3rd

HOWARD COUNTY

## INDEXED

DATE 5/19/88

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE SYSTEM APPROVED 6/15/88

INSPECTOR RH

Andy Snow

IS PERMITTED TO INSTALL  ALTER

ADDRESS 14196 Frederick Road, Cooksville, Maryland 21723 PHONE 301-854-6190

SUBDIVISION Triadelphia Woods ROAD 12307 Ericole Court LOT 22

PROPERTY OWNER Proposed Const. Mill R.C. Polaris Corporation

ADDRESS Elizabeth McCallister

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

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

**TRENCHES** - 190 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 5 feet of stone below distribution pipe.

**LOCATION** - Place the first trench 270 feet down the right (867.38') lot line and 80 feet off the same lot line as seen when facing the lot from Right-of-Way off Ericole Court. Run trenches on contour toward the left front corner.

**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 S. Abel DATE 3/17/88

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(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 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.

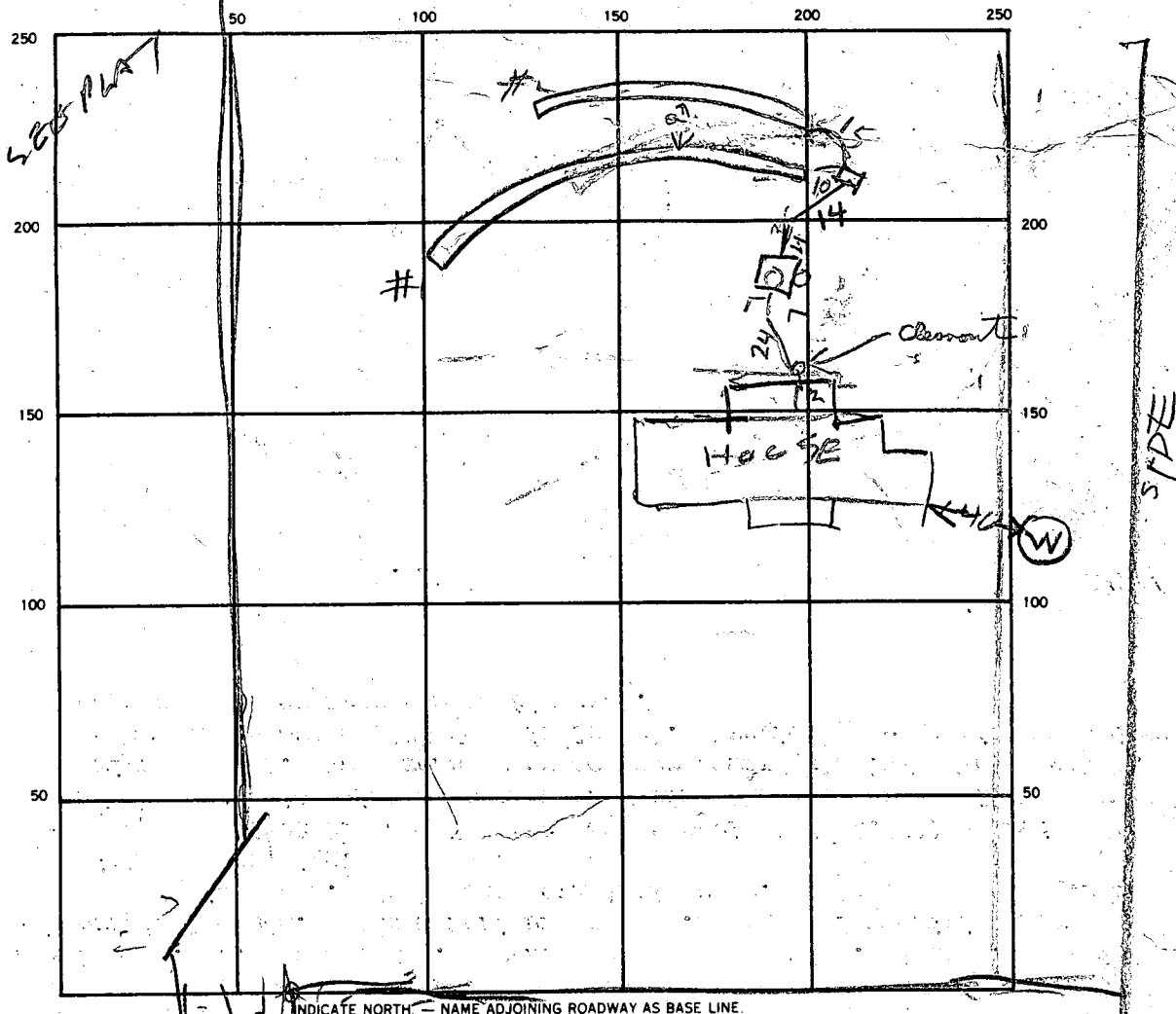
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

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

EH - 2-1186

A 34583



SEPTIC TANK. LEVEL 1250 CLEANOUTS ST / HS  
OK / OK

DISTRIBUTION BOX. LEVEL OK

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

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 95 1/2 FT. 159  
INSTALLER / REQ

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 790 760 SQ. FT.

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

ABSORBENT AREA 790 SQ. FT.

REMARKS 6/8/88 - LOCATION LOOKS OK PER PLAN TRENCH #1 DUG

ADD STONE TO TRENCH #1 & DIG TRENCH #2 R/Hodger

6/9/88<sup>AM</sup> OK TO COVER TANK TO BOX ADD STONE TO BOTH TRENCHES & CALL RH

6/15/88 TRENCHES OK

DATE SYSTEM APPROVED 6/15/88 INSPECTOR Raymond Hodger

# 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 34583

P \_\_\_\_\_

DISTRICT 3rd

DATE November 12

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 Howard Resnick POLARIS CORP.

ADDRESS 4645 New Cut Road, Ellicott City, Md. PHONE 461-9009

PROPERTY LOCATION:

SUBDIVISION Traidelphia Woods, Parcel D LOT NO. LOT 22  
4 NEW LOT 10

ROAD AND DESCRIPTION 12307 Epicole COURT  
Triadelphia Road west of Evergreen Valley Way

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. SFD  
(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.

Sylvia Bond Agent  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 11/29/84 PERC OK HOLD FOR CERTIFIED

HOLES R/d

BLDG. PERMIT SIGNED  
AND RETURNED 3/17/88

BP 11170 8/16

# THIS IS NOT A PERMIT

SOIL PROFILE

0


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 \_\_\_\_\_

EH-12-1079

# 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 34583

P \_\_\_\_\_

DISTRICT 3rd

DATE November 12

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 Howard Resnick

ADDRESS 4645 New Cut Road, Ellicott City, Md. PHONE 461-9009

PROPERTY LOCATION:

SUBDIVISION Triadelphia Woods, Parcel 1 LOT NO. LOT 22  
~~NEW LOT 10~~

ROAD AND DESCRIPTION Triadelphia Road west of Evergreen Valley Way

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. SFD  
(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.

Sylvia Borch Ayal  
(SIGNATURE OF APPLICANT)

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

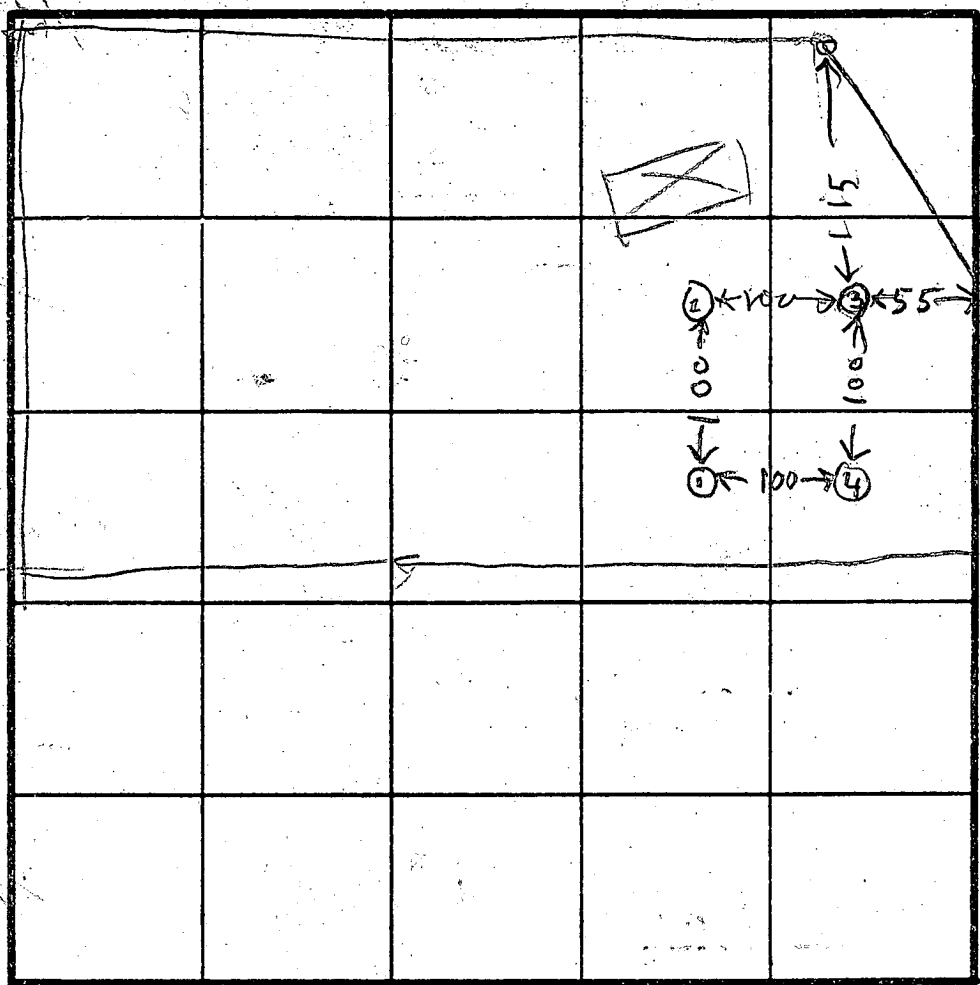
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

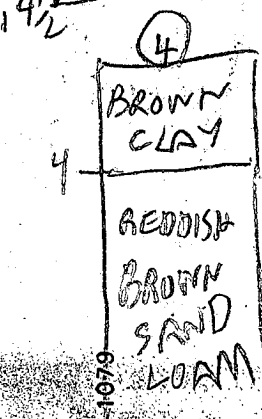
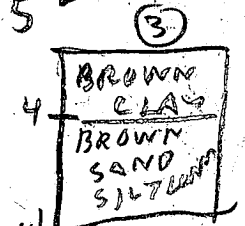
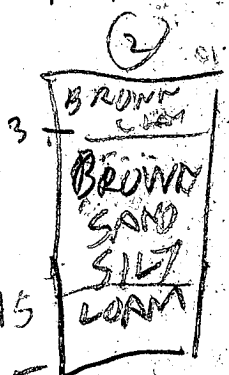
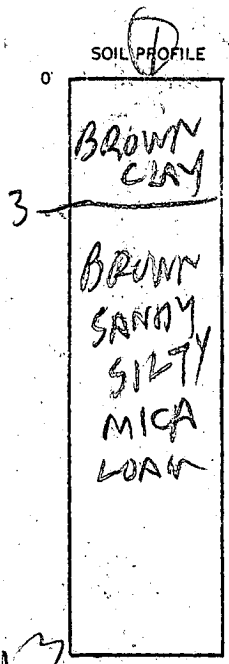
**THIS IS NOT A PERMIT**

④



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLE ELEVATIONS  
 ③④ = HIGH  
 ① = LOWEST  
 ② = NEXT LOWEST  
 AERIAL CONTOUR MAP HERE WRONG RN



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/29/24	1S	3 1/2	1015	1024	1024	1038	14
	1V	13 1/2	LOOKS	OK			
11/29/24	2S	3 1/2	1019	1020	1020	1025	5
	2V	15	LOOKS	OK			
	3S	4 1/2	1027	1030	1030	1044	14
	3V	14 1/2	LOOKS	OK			
	4V	14	LOOKS	OK	BELOW 4F		

REMARKS TRENCH BETWEEN ③ & ④

TYPE OF SOIL

TESTED BY R. HODGES

ALSO PRESENT J FLOCK & SKIP

EA 112-1089

6-15-88  
Anytime

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 # 41828  
Date 5/23/88  
Name of Installer John M. GASKE III Telephone 247-6963  
License Number #3189 Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber X  
Name of Property Owner POLARIS Development Telephone 301-774-8082  
Subdivision Tridelphia Woods Lot # 22 Well Tag # \_\_\_\_\_  
Site Address 12307 ERICOLE COURT

Pump Motor Pitless Adapter  
1. Type 1. Horsepower \_\_\_\_\_ 1. Make \_\_\_\_\_  
a. Deep well jet 200' 2. RPM \_\_\_\_\_ 2. Model # SJ32J34  
b. Shallow well jet \_\_\_\_\_ 3. Voltage \_\_\_\_\_ 3. Depth \_\_\_\_\_  
c. Submersible X a. 110 \_\_\_\_\_  
2. Make Myers b. 220 X  
3. Model # \_\_\_\_\_  
4. Capacity 4 GPM 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 Piping Well data  
1. Capacity 203 X 1. Type 1" Quest 1. Depth 200' ft.  
2. Pressure relief valve? Yes 2. Size 1" 2. Yield 4 GPM  
3. NSF and/or BOCA Code approved \_\_\_\_\_ 3. Static water level 175 ft.  
4. Depth of supply line 175 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: John Gaske  
Date: 5-18-88

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







B 1 **3262** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

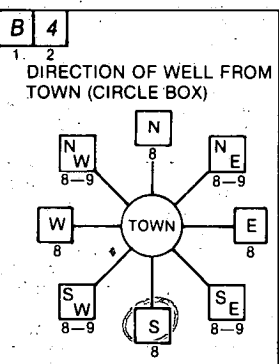
*2nd* STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

OEP PERMIT NUMBER  
**HC-81-0975**  
 fill in this form completely

**Date Received** 4/18/85  
**OWNER INFORMATION**  
**JOHNSON BARNEY**  
 Last Name Owner First Name  
**3742 CHATEAU RIDGE**  
 Street or RFD  
**ELLICOTT CITY MD 21043**  
 Town State Zip

B 3 **LOCATION OF WELL**  
**HOWARD** COUNTY  
**TRIDELPHIA WOODS** SUBDIVISION  
 SECTION **---** LOT **4** - PARCEL 1  
**MAYFIELD** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **5** MI

**DRILLER INFORMATION**  
**Ralph Mayne** License No. **273**  
**Ralph Mayne (Well Drilling)** Firm Name  
**9120 Brown Church Rd. Mt. Airy** Address  
**Ralph Mayne** Signature **3/8/85** Date



**TRIDELPHIA Rd.** NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH (N) WEST (W) EAST (E) SOUTH (S)  
 DISTANCE FROM ROAD **1500** FT  
 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  
 OEP SIGNATURE \_\_\_\_\_ STATE HEALTH INSERT S  
 DATE ISSUED **041585** CO SIGNATURE *Frank Sh...* EXP. DATE \_\_\_\_\_  
 NORTH GRID **528000** EAST GRID **0815000**

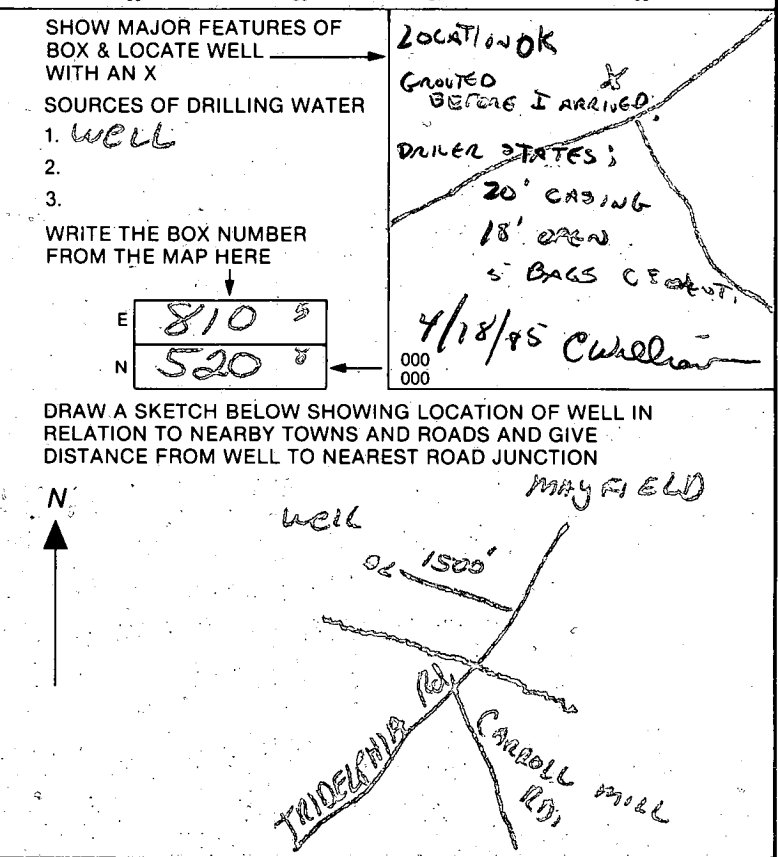
APPROXIMATE DEPTH OF WELL **159** FEET

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 \_\_\_\_\_

**REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 FORCE **FS** INITIALS IN BOX PERMIT No. **HO-81-0975**

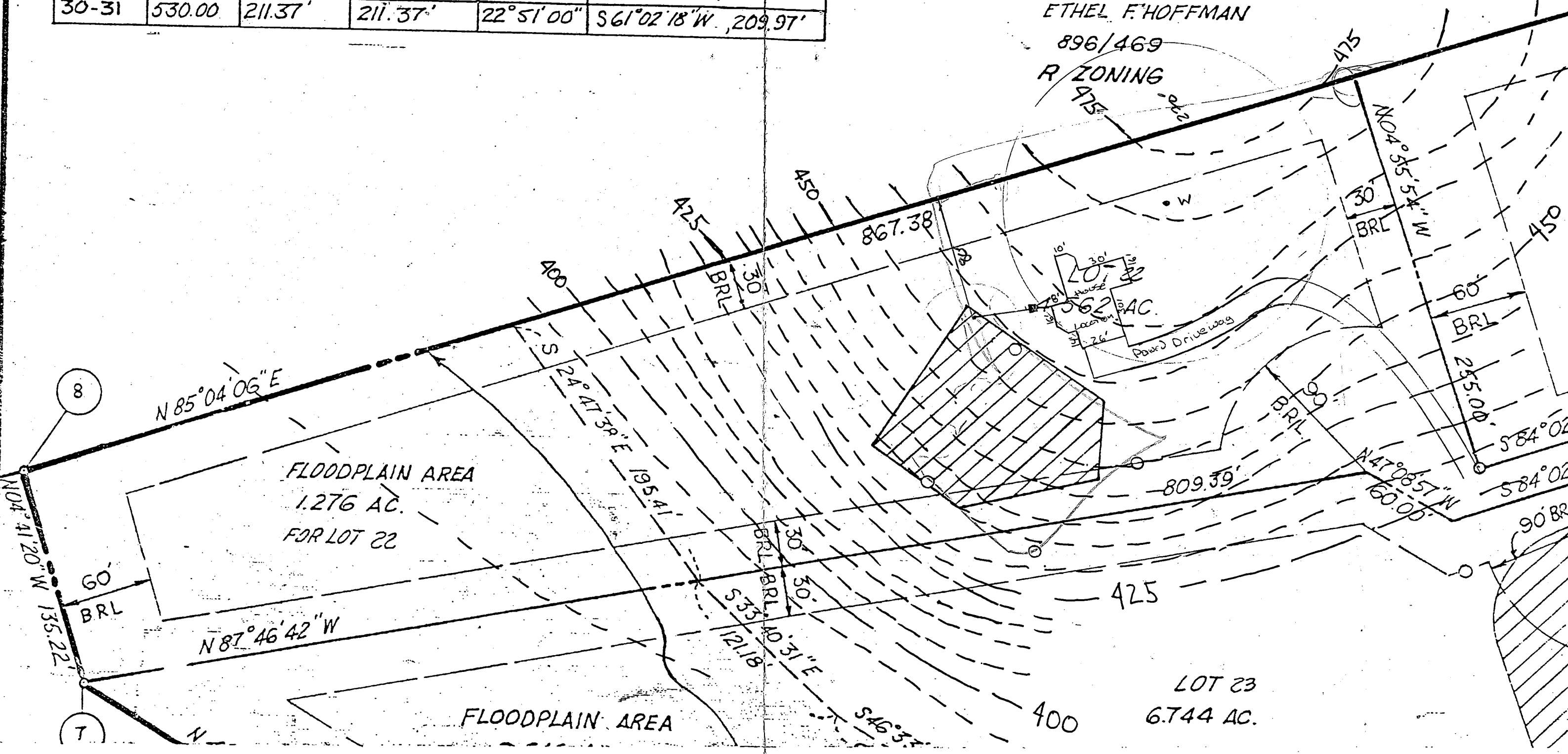


24-25	3840.00	202.66'	101.36'	03°01'27"	S 17°32'05"W, 202.64'
26-27	440.00	110.20'	55.39'	14°21'00"	S 26°13'18"W, 109.91'
28-29	390.00	110.38'	55.56'	16°13'00"	S 41°30'18"W, 110.02'
30-31	530.00	211.37'	211.37'	22°51'00"	S 61°02'18"W, 209.97'

ETHEL F. HOFFMAN

896/469

R ZONING



FLOODPLAIN AREA  
1.276 AC.  
FOR LOT 22

LOT 23  
6.744 AC.

Polaris Development Corp.  
3414 Morningwood Drive  
Suite 1, Olney, MD 20832

3/17/88  
elevation ok  
SH

BLDG. PERMIT SIGNED  
AND RETURNED 3/17/88  
BP 17170

OWNER: POLARIS DEVELOPMENT CORP.  
3414 MORNINGWOOD DR., SUITE 1  
OLNEY, MD 20832  
301-774-8082

DRAWING SCALE: 1"=60'

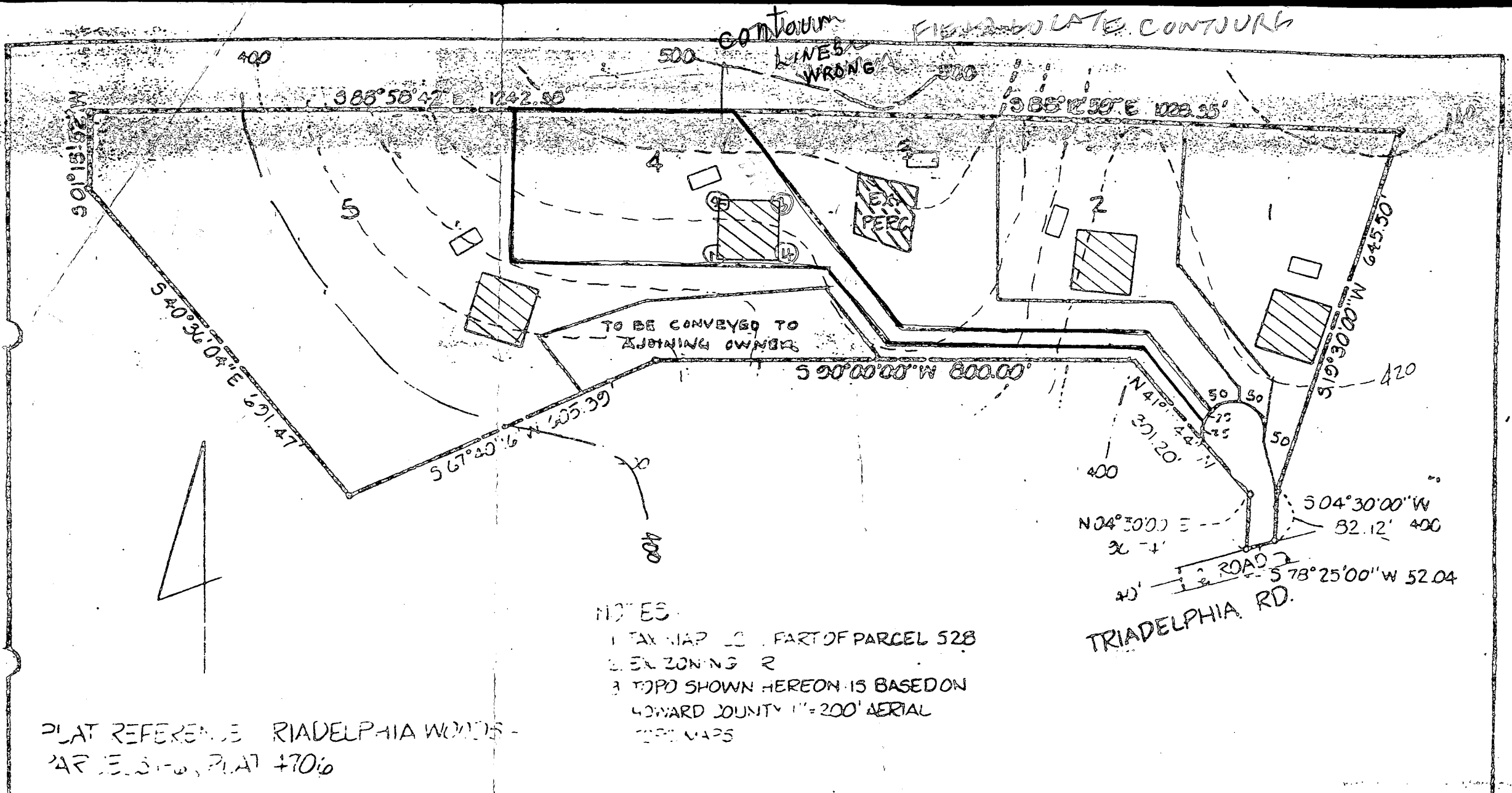
LOT INFORMATION: 12307 ERICOLE COURT  
ELLICOTT CITY, MARYLAND 21043  
LOT: 22 PARCEL: 528 PLAT: 6728  
SUBDIVISION: TRIADELPHIA WOODS ZONE: R  
ELECTION DIS: 3 TAX MAPS: 15 & 22  
CENSUS TRACK: 6030

ELEVATIONS

-----  
1-Basement elevation:----- 462.10 Ft. ✓  
2-First floor elevation:----- 471.10 Ft. ✓  
3-Invert out of house:----- 462.18 Ft. ✓  
4-Invert into septic tank:----- 460.30 Ft. ✓  
5-Invert out of septic tank:----- 460.00 Ft. ✓  
6-Invert into trench----- 455.00 Ft. ✓  
7-Existing grade at septic tank:-- 463.60 Ft. ✓  
8-Existing grade at start piont--- 458.00 Ft. ✓  
9-Elevation of well at grade:----- 471.00 Ft. ✓  
-----

*NO BMT ON GRAVITY*

DISTANCE FROM HOUSE TO TANK: 15.00 Ft. ✓  
DISTANCE FROM TANK TO S.P. : 20.00 Ft. ✓  
INVERT AT START PIONT : ~~3.00~~ Ft. ✓  
3.50



NOTES  
 1. TAX MAP IS PART OF PARCEL 528  
 2. EX ZONING R  
 3. TOPO SHOWN HEREON IS BASED ON  
 HOWARD COUNTY 1"=200' AERIAL  
 PHOTO MAPS

PLAT REFERENCE TRIADDELPHIA WOODS -  
 PARCELS 1-6, PLAT 4706

TITLE <b>PERC PLAT</b>	DATE: JULY 1984	boender associates engineers surveyors planners
3RD ELECTION DISTRICT HOWARD COUNTY, MD	D.M.P.	301-455-7700