

1/16/90  
1/17/90 1PM

File

1/16/90 P.C.O.  
1/17/90 P.C.O. C.B.A.  
P 4536

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-408369

INDEXED

A 34813

DISTRICT 5th

DATE 12/21/89

DATE SYSTEM APPROVED 1/18/90

INSPECTOR C.B.A.

Bill Ingram IS PERMITTED TO INSTALL  ALTER

ADDRESS 15044 Bushy Park Road, PHONE 442-2139

SUBDIVISION Chapel Woods ROAD 11806 Chapel Woods Court 67 27

PROPERTY OWNER Pat and Paul Glasgow

ADDRESS \_\_\_\_\_

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 - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the first trench 125 feet up the left (243.28') lot line and 80 feet off the same lot line as seen when facing the property from Chapel Woods Court. Run trenches on contour toward the left and right lot line.

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 10/27/88

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(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

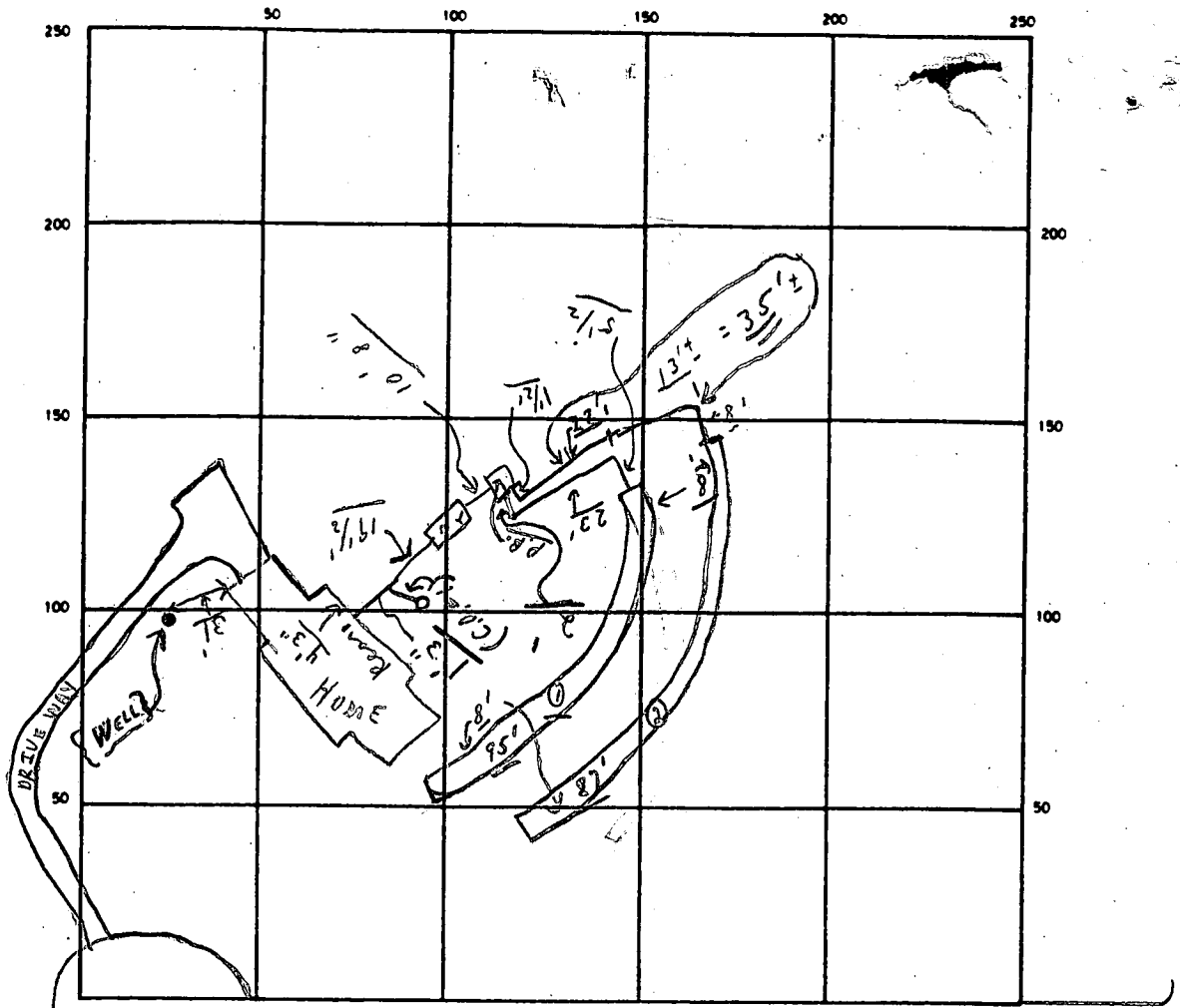
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

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

A 34813



CHapel Woods Court

C.O. #1 S.T.  
OK / OK

SEPTIC TANK LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TILE FIELD DEPTH  $\frac{1}{1} 8^+$  FT. TRENCH WIDTH 2 FT. INLET DEPTH  $\frac{2}{2} 4$  FT.

EFFECTIVE GRAVEL DEPTH  $\frac{1}{2} 4^+$  FT. TOTAL LENGTH  $\frac{1}{1} 95$  } 182 FT

NUMBER OF TRENCHES 2 ONE SIDEWALL/AREA 728 SQ. FT.

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

ABSORBENT AREA 728 SQ. FT.

REMARKS 1/16/90 Partial, ok to continue; 1 trench only  
ok for stones; C.B.S. → HOLD FOR A CALL; 1/17/90 Trench 1  
closest to house complete; ok for stones in trench 2; panted C.B.S.  
1/18/90 → OK TO COVER ALL WORK - FINAL.

1/18/90 W.P.I. - not ready. C.B.S. → (No water lines or pitless adapter)  
 DATE SYSTEM APPROVED 1/18/90 INSPECTOR Charles Bryan Street

Hold for Site Review Before EXAMINATION

# APPLICATION

A. 34813

## SEWAGE DISPOSAL TESTING

P. \_\_\_\_\_

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: 465-5000, EXT. 356

DISTRICT 5

DATE Jan 8 1985

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 Newburn Development Corporation PAT/PAUL GLASGOW  
Suite 201, 5570 Sterrett Place  
ADDRESS Columbia, Maryland 21044 PHONE 997-3815

PROPERTY LOCATION: \_\_\_\_\_  
SUBDIVISION Chapel Woods, Section 2 AREA 3 LOT NO. 18  
NEW LOT 5 AREA 2 Sec. 2

ROAD AND DESCRIPTION Linden Chapel Road 11806 Chapel Wood Ct. (FINAL)

SIZE OF LOT 3-acre TYPE BLDG. single family 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 James L Newburn

APPROVED BY Ed Albel FOR Deep trenches DATE 70/27/88  
(KIND OF SYSTEM)

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

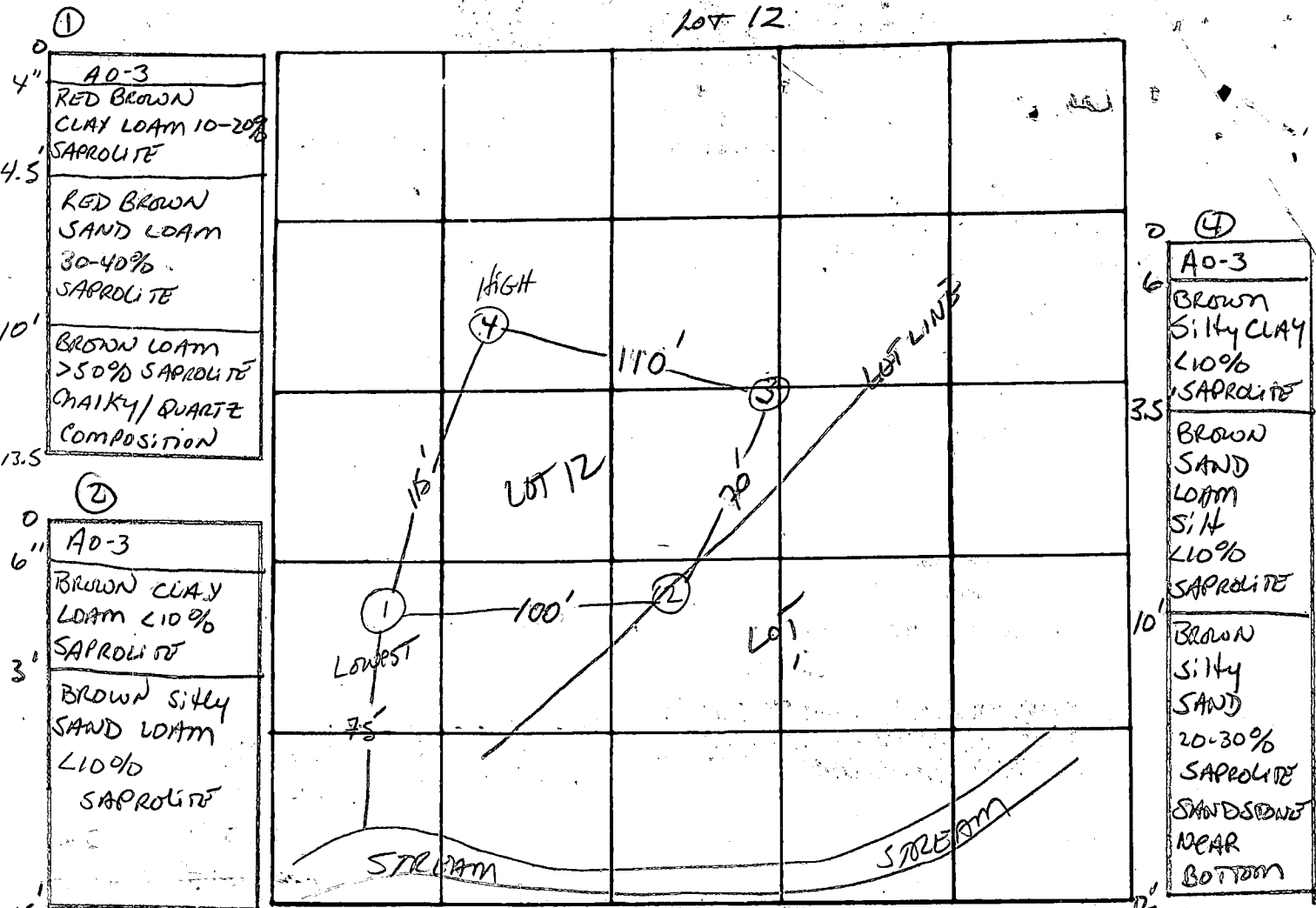
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 2-21-85 Per. Satisfactory, Hold for  
Certified HOLE LOCATION, HOUSE AND WELL SIZE & DEPT.

BLDG. PERMIT SIGNED AND RETURNED 7-25-89 BLDG. PERMIT SIGNED AND RETURNED 10/27/88  
BP27581 870 BR22021

# THIS IS NOT A PERMIT

lot 12



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

U.T.G. Pt 108

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
4" A0-3 BROWN CLAY silty <10% SAPROLITE	2/21/85	1S	5'	10:59	11:04	11:04	11:15	11min
		1V	13.5'	SATISFACTORY SOIL STRUCTURE Below 4.5'				
		2S	4.5'	11:06	11:07	11:07	11:10	3min
		2V	15'	UNIFORM SOIL STRUCTURE Below 3'				
3.5' BROWN micaceous silty SAND 10-20% SAPROLITE	2/21/85	3S	4.5'	11:15	11:16	11:16	11:19	3min
		3V	14'	11:22	11:26	11:26	11:32	6min
		4S	4.5'	UNIFORM SOIL STRUCTURE Below 4'				
		4V	12'					

REMARKS \_\_\_\_\_

TYPE OF SOIL Glenelg Manor Loam

TESTED BY S. Abel

ALSO PRESENT: SR, DEURA, FRANK WARREN

LOT 26

Gravel Drive

LOT 24

LOT 27

410  
420  
N 49°42'21" E  
243.284'

S 57°00'04" E

N 44°20'11" W  
385.000'

S 23°12'41" W  
63.439'

PROPOSED PERK FIELD  
10,217 sq. ft.

Asphalt Parking

Well

CAR = 422.8

FF = 423.5

BE = 414.5

PERMIT #27581

PROPOSED DECK

1" = 40'  
SCALE  
Chapel

10.000' L = 21.203'  
25.000' L = 21.027'

in area of end of driveway opposite garage.

RE CHECKED DIAGRAM AT LEAST 10' CLEARANCE TO TRENCHES APPEARS TO REMAIN, OK TO PROCEED 4/11/90 CW

4/9/90 Resonance reject de

B.I.R.L.

B.I.R.L.

#2  
#1 Reverse

#4

#2

#1

RECH. C.W.

S 60°40'52" E 145.000'

B 1. 3608 SEQUENCE NO. (DP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COES. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER 40-81-2559 fill in this form completely

Date Received (APA) 12/11/88 OWNER INFORMATION  
NEWVIEW DEVELOPERS  
S570 STEKREFF PLACE  
COLUMBIA MD 21044

B 3 LOCATION OF WELL  
HOWARD COUNTY  
CHapel Woods  
SECTION 2 LOT 27 (Area 3)  
CLARKSVILLE  
MILES FROM TOWN 1.70 MI

DRILLER INFORMATION  
Joseph L. Magee 238  
Joseph L. Magee Well Drilling  
5512 Ridge Rd Mt. Airy, Md. 21771  
Joseph L. Magee 12/7/87

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NEAR WHAT ROAD CHAPEL WOODS CT  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD 150 FT

B 2 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 COUNTY NAME A 34813 COUNTY NO.  
STATE SIGNATURE DATE ISSUED 02/16/88  
CO SIGNATURE B Nixon 08/16/88  
NORTH GRID 508000 EAST GRID 082000

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)

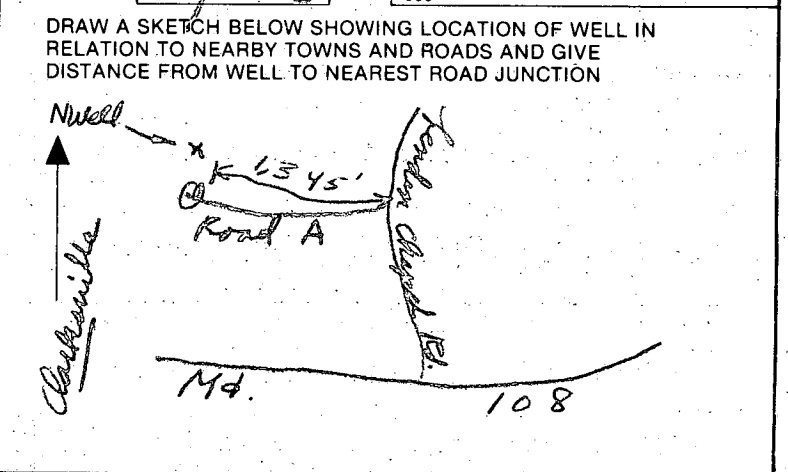
APPROXIMATE DEPTH OF WELL 300 FEET

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER 1. WELL  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 829 0  
N 508 8

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)  
CABLE REVerse-ROtary Drive-POINT

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 DEEPEAN 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 INITIALS PERMIT NO. 40-81-2559

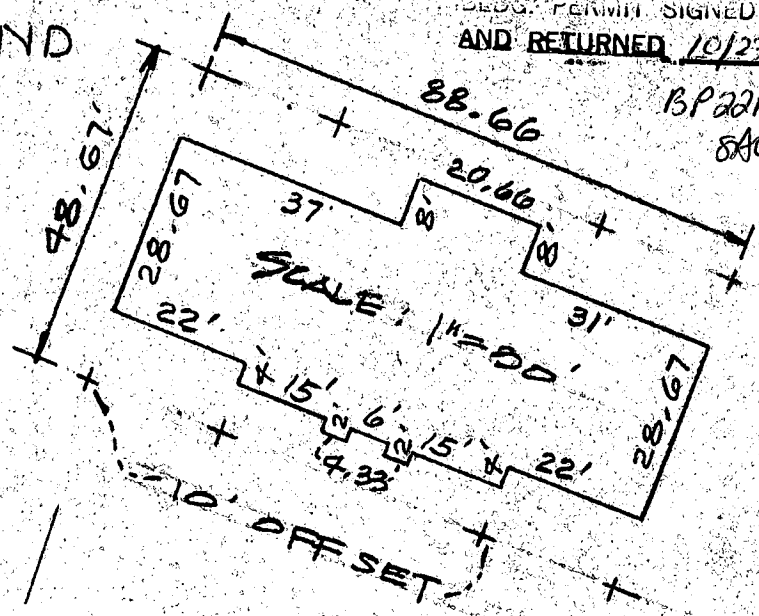
SPECIAL CONDITIONS TO BE CONVERTED TO DRINKING WATER UPON FINAL PLAT APPROVAL  
COUNTY

- ① 42 ft casing
- ② Not sure of location in middle of woods
- ③ 39 ft open hole
- ④ not enough time to stay for grout  
had to go to another site
- ⑤ Johnny will let us know # of logs  
asap

2-19-78  
B. Stodolka

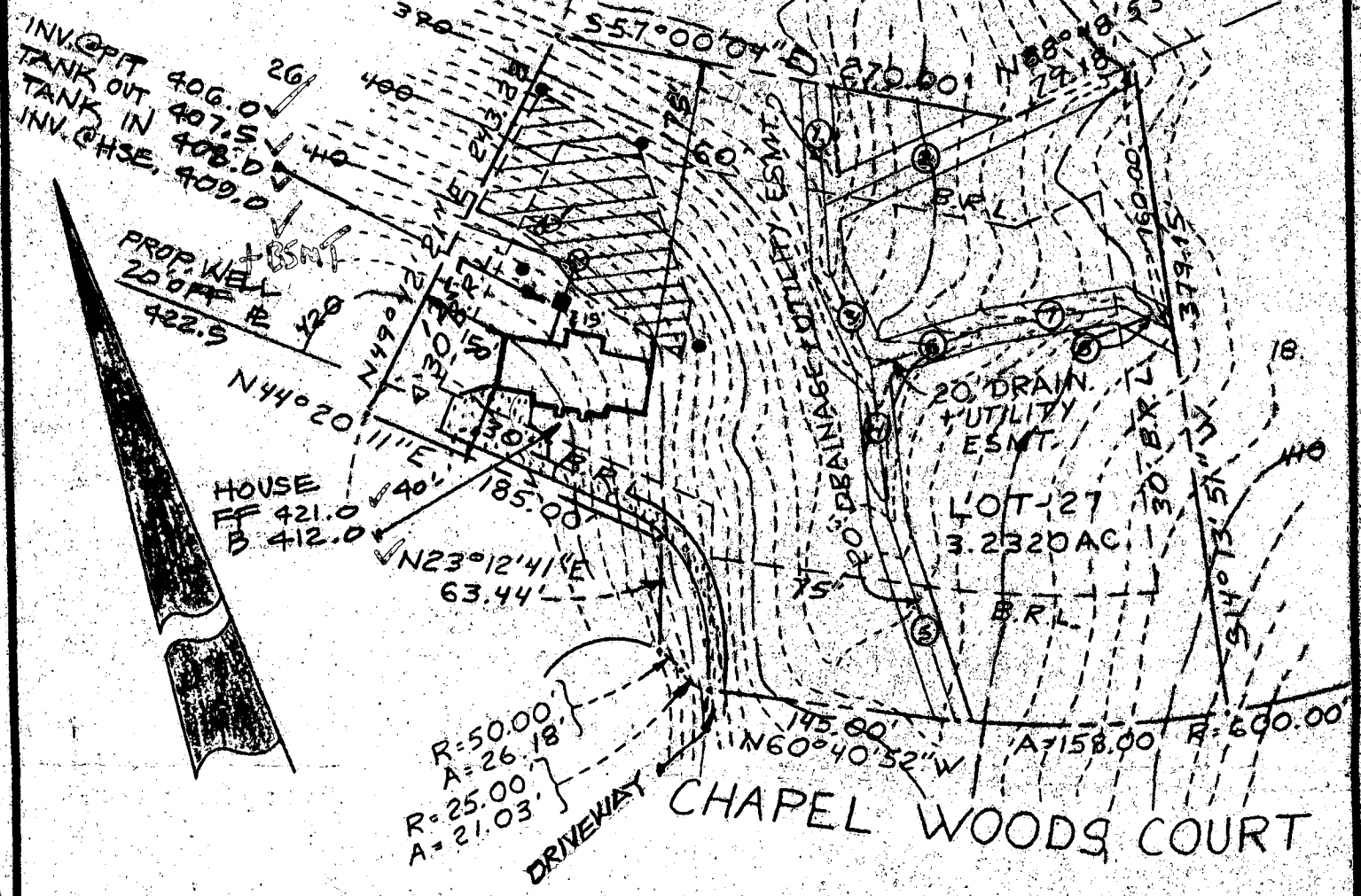
**PLOT PLAN**  
**LOT-27 SECTION-2 AREA-3**  
**"CHAPEL WOODS"**  
**FIFTH ELECTION DISTRICT**  
**HOWARD COUNTY MARYLAND**

10/27/88  
 Elevation of  
 SA  
 DEED FORWIT SIGNED  
 AND RETURNED 10/27/88  
 BP22121  
 SA



**DRAINAGE + UTILITY ESMT.**

BEARING	DIST.	NO.
S19°56'00"W	110.00	1.
N88°48'55"E	118.00	2.
S02°04'00"E	58.00	3.
S16°46'00"W	82.00	4.
S02°53'20"W	129.25	5.
N84°04'00"W	68.00	6.
N76°01'10"W	84.00	7.
N40°46'09"W	35.00	8.



**Tri - County Surveys, Inc.**  
 BOX 55 • DAMASCUS, MARYLAND 20872 • (301) 831-3655  
 LAND PLANNING CONSULTANTS • SUBDIVISIONS • LOTS & BOUNDARIES

REFERENCE	COUNTY OF
Plat Book Plat No 7934	HOWARD

Drawn by: J.R.S.
Checked by:
Job No.: 88-042
Scale: 1" = 100'
DATES 88-042
Wall Ck.:
Final Loc.:
Recert.:

**SURVEYOR'S CERTIFICATION**

I hereby certify that the property delineated hereon is in accordance with the Plat of Subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures and encroachments, if any. This Plat is not for determining property lines, but prepared for exclusive use of present owners of property, and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this Plat.  
 No title report furnished.

Note: House does not lie within a flood hazard area

WILLIAM L. WIRTS - Registered Land Surveyor - Maryland No. 10721

NOTE: This drawing is not intended or represented to be a lot stake out survey; no lot corners were set; and is not to be used, or relied upon, for the establishment of any fence, building or other improvements. No responsibility is extended herein to future purchasers.

LOT 25

LOT 19

LOT 26

LOT 27

LOT 24

LOT 18



# SITE PLAN

## D. W. TAYLOR & Assoc.

Prepared By

NEWBURN DEVELOPMENT CORP.  
COLUMBIA, MARYLAND

for

CHAPEL WOODS

Section: 2 Area: 3

Lot 27 Plat# 7934

Tax Map: 29 Part Of Parcel 41

5th Election District

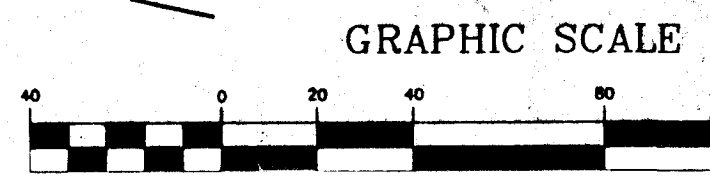
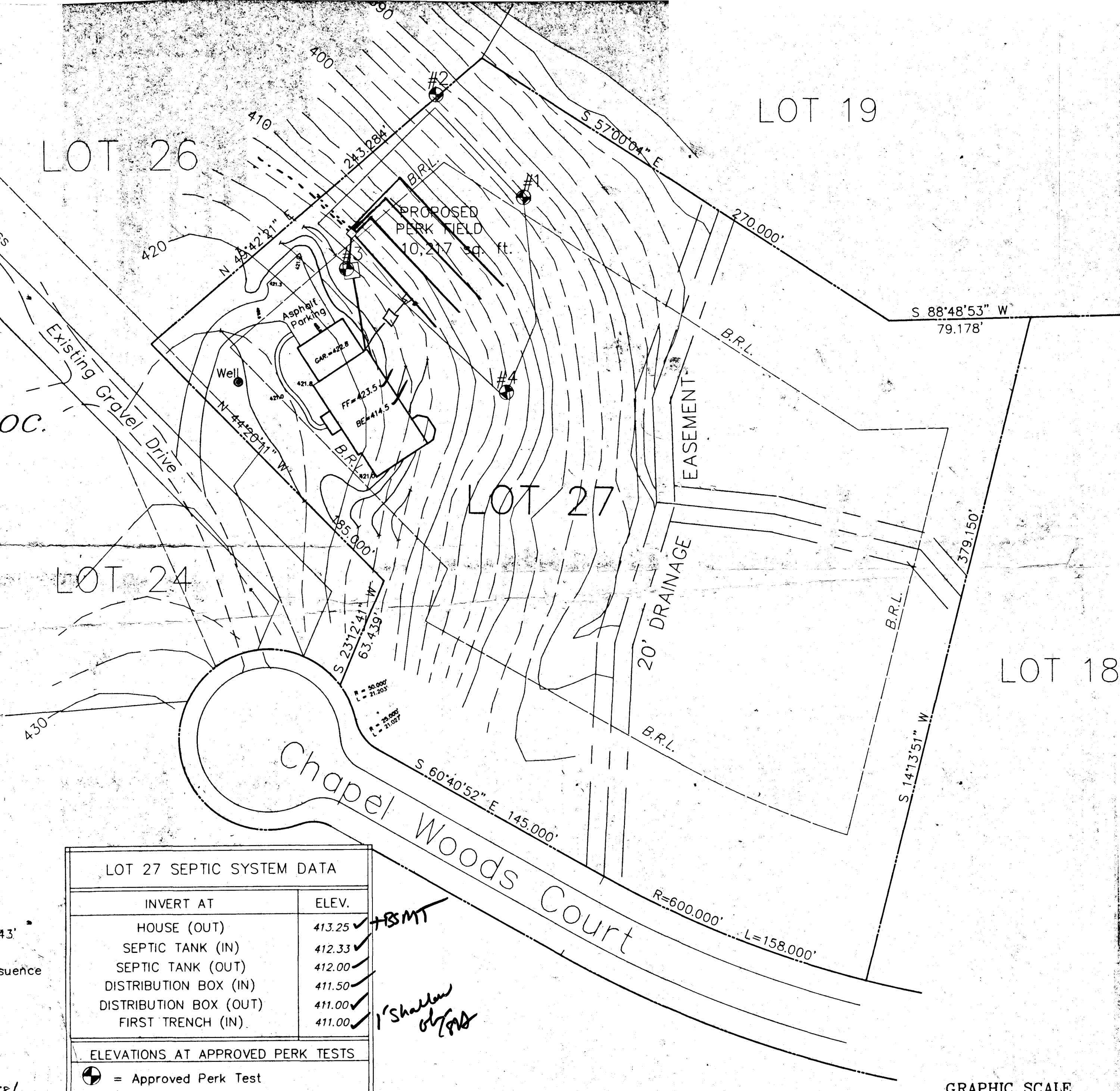
Howard County, Maryland

### GENERAL NOTES:

- 1) Grading contractor shall provide positive drainage away from foundation.
- 2) BENCH MARK set on top of well head - Elev. = 423.43'
- 3) Septic system trench lengths to be determined at issuance of permit

BMOG. PERMIT SIGNED  
AND RETURNED 7/25/87  
SAC  
6P27581

LOT 27 SEPTIC SYSTEM DATA	
INVERT AT	ELEV.
HOUSE (OUT)	413.25 ✓ +BSMT
SEPTIC TANK (IN)	412.33 ✓
SEPTIC TANK (OUT)	412.00 ✓
DISTRIBUTION BOX (IN)	411.50 ✓
DISTRIBUTION BOX (OUT)	411.00 ✓
FIRST TRENCH (IN)	411.00 ✓ 1' shallow by PDA
ELEVATIONS AT APPROVED PERK TESTS	
● = Approved Perk Test	
TEST #1	395.1
TEST #2	392.5
TEST #3	415.8



2/1/90

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  Replacement   
Receipt # 45499  
Date 1-29-90  
Name of Installer WOOD & WILLOUGHBY PLUMBING Telephone 381-4823  
License Number MD 7040  
Certified Well Pump Installer  Well Driller  Registered Plumber   
Name of Property Owner CHASSION BUILDERS Telephone 730-0051  
Subdivision CHAPEL WOODS Lot # 27 Well Tag # HO-81-2559  
Site Address 11806 CHAPEL WOODS CT.

Pump  
1. Type  
a. Deep well jet   
b. Shallow well jet   
c. Submersible   
2. Make GOULDS  
3. Model # 7EHDH  
4. Capacity 7 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

Motor  
1. Horsepower 1  
2. RPM 1750  
3. Voltage   
a. 110   
b. 220

Pitless Adapter  
1. Make GOULDS  
2. Model # PRESSURIZED  
3. Depth 4 FEET

Tank  
1. Capacity 42 GAL  
2. Pressure relief valve? YES

Piping  
1. Type POLY BUTYLENE  
2. Size 1  
3. NSF and/or BOCA Code approved YES  
4. Depth of supply line 4 FEET

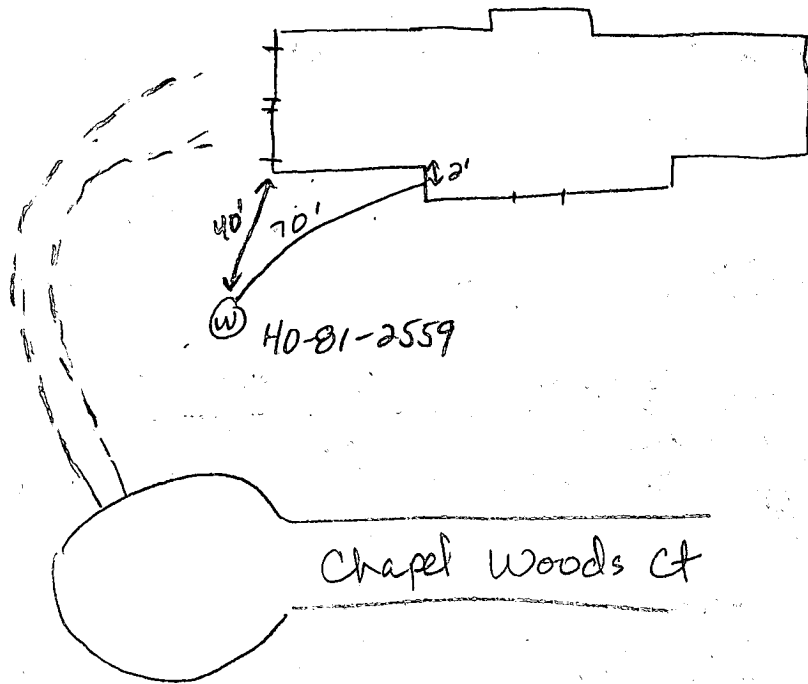
Well data  
1. Depth 400 ft.  
2. Yield 2.4 GPM  
3. Static water level 221 ft.  
4. Will water supply be disinfected by installer? NO

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: [Signature]  
Date: 1-29-90

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



30  
2.4  
 12 0  
60  
 2  
 28  
 38

Pitless adaptor at 49 inches below grade. Well line and  
 ground at 55 inches below grade. House connection ok.  
 Ground line not attached. No pump tank installed yet.  
 JE Madeau 2-1-90

RECEIVED  
 HOWARD COUNTY  
 HEALTH DEPT.  
 JAN 31 11 24 AM '90  
 DIVISION OF  
 ENVIRONMENTAL  
 HEALTH

2166 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 A 34813

DATE Received [ ] DATE WELL COMPLETED 02/8/88 Depth of Well 400 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-2559

OWNER DEVELOPMENT NEWBORN  
STREET OR RFD CHAPEL WOODS CT. first name TOWN CLARKSVILLE  
SUBDIVISION CHAPEL WOODS SECTION 2 AREA 3 LOT 27

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	
SAND	0	35	
GRAY MICH ROCK	35	400	

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 12 NO. OF POUNDS 1128  
GALLONS OF WATER 12  
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 37 ft.

CASING RECORD  
casing types insert appropriate code below  
STEEL (ST) CONCRETE (CO)  
PLASTIC (PL) OTHER (OT)

MAIN CASING TYPE (S-H) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 42

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) OTHER (OT)

DEPTH (nearest ft.)

1	40	40	400
2			
3			

SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH)

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. 238  
DRILLERS SIGNATURE Joseph P. Marjic

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

GRAVEL PACK from to  
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  
70 72 74 75 76  
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST  
HOURS PUMPED (nearest hour) 6  
PUMPING RATE (gal. per min. to nearest gal.) 27  
METHOD USED TO MEASURE PUMPING RATE Bucket  
WATER LEVEL (distance from land surface) BEFORE PUMPING 45  
WHEN PUMPING 225  
TYPE OF PUMP USED (for test) 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 } LAND SURFACE }  
- below } (nearest foot)

