

9/23/96  
10-1-96  
(Lump sum check)  
11/15/96 PM  
11/19/96 12 & pm 20  
11/19/96

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-408288

P 57284

A 36155

DISTRICT 5th

DATE 9-20-96

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

DATE SYSTEM APPROVED 11-19-96

INSPECTOR ff

### INDEXED

Whitworth Excavating IS PERMITTED TO INSTALL  ALTER

ADDRESS 12680 Clarksville Pike, Clarksville, Maryland 21029 PHONE 531-5033

SUBDIVISION Chapel Woods, Sec. 2 LOT 20, Area 3 ROAD 11809 Chapel Woods Court

PROPERTY OWNER Dr. Joe Nkwanyuo

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

200 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 334

TRENCHES - Trench to be 3 feet wide. Inlet  $4\frac{1}{2}$  feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at  $4\frac{1}{2}$  feet below original grade.  $1\frac{1}{2}$  feet of stone below distribution pipe.

LOCATION - Beginning from the left rear lot corner, place the distribution box 180 feet down the left (477.67') lot line and 190 feet off the left line as seen when facing property from Chapel Woods Court. Run trenches along contour towards the left (477.67') lot line. MAINTAIN MINIMUM 100 FEET FROM WELL TO SEPTIC.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OR 5/20/94 DKS

PLANS APPROVED BY Bert Nixon/Mark Rifkin REVISED DATE 03/09/94

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

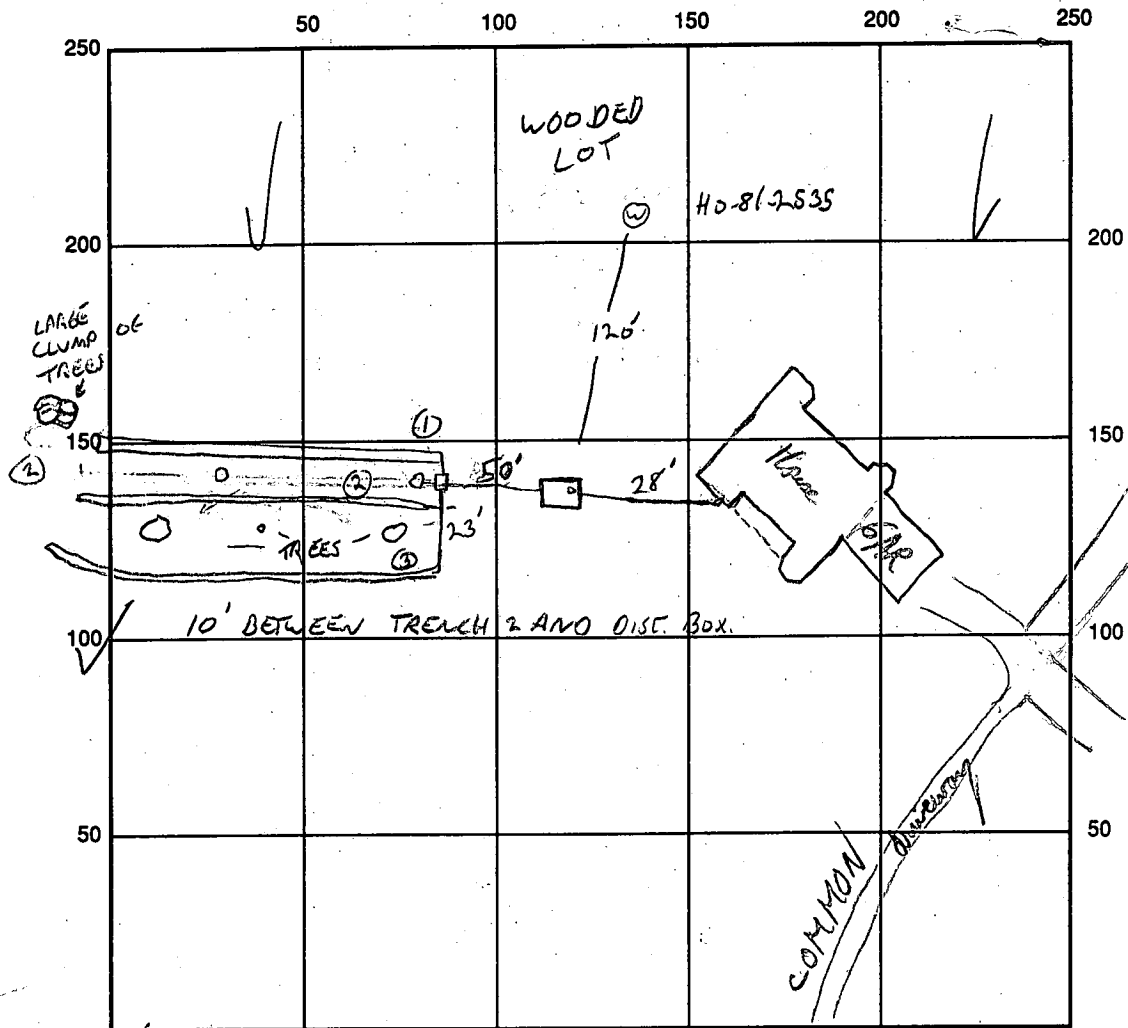
PERMIT VOID AFTER TWO YEARS

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

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

A-36155



SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 ON TANK  
 DISTRIBUTION BOX LEVEL OK - CEMENTED OK, BACK IN  
 DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.  
 EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH  $\frac{1}{911} \frac{2}{109} \frac{3}{112}$  FT. = 332  
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 996 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: S.T. OK - OK to cover House Connection line (complete throuhouse) and line to dist box  
Call for Trench Inspection Dates 2/11/15/96 11/18/96 NEED TO ADD TO 1ST TRENCH  
COVER AS COMPLETED, LEAVE ENDS OPEN // 1ST TRENCH OK, 2ND OK  
NEED TO SEE 3RD TRENCH + DIST BOX CEMENTED, //  
11-19-96 SYSTEM OK TO COVER. //

DATE SYSTEM APPROVED 11/19/96 INSPECTOR [Signature]

9/23/96  
P.M.

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 # \_\_\_\_\_  
Date 9/20/96

Name of Installer Fireside Plbg Inc

Telephone 301 621 4009

License Number State 20088

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber 20088

Name of Property Owner NKwanyuo (Joe) Telephone \_\_\_\_\_  
Subdivision Chapel Woods Lot # 20 Well Tag # 81-25-35  
Site Address 11809 Chapel Wood Ct Clarksville MD 21029

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible X
- 2. Make Gould 2 wire
- 3. Model # SGS07422
- 4. Capacity 5 Gall GPM

Motor

- 1. Horsepower 3/4
- 2. RPM \_\_\_\_\_
- 3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220 X

Pitless Adapter

- 1. Make Hardvac
- 2. Model # \_\_\_\_\_
- 3. Depth 48"

5. Pump exceeds well capacity Yes \_\_\_\_\_ No X

6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No X

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors X Cable guards X Other Tape (Cofs)

Tank

- 1. Capacity 80 Gall
- 2. Pressure relief valve? X Yes

Piping

- 1. Type 1" plastic
- 2. Size 1"
- 3. NSF and/or BOCA Code approved yes
- 4. Depth of supply line 48"

Well (data)

- 1. Depth 400 ft.
- 2. Yield 1 1/2 GPM
- 3. Static water level 24 ft.
- 4. Will water supply be disinfected by installer? No Bailden

9/23/96 P.A. & well line 4'4" below grade. casing 48" above grade. Conduitt cap - not watertight.

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] State 20088

Date: 9/20/96

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

9/23/96  
RESOLVED  
10/17/97  
MR

5/28/93  
10500

# APPLICATION

## PERCOLATION TESTING

A 49244

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

PRELIM OK

PROPOSAL IS TO

DISTRICT \_\_\_\_\_

ADJUST SEPTIC AREA;  
IF SOLES OK, PUMPED SYSTEM  
WOULD BE REQUIRED TO  
ACCESS THIS LOCATION.

DATE 5/19/93

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Christina and Mario Pino

ADDRESS 10325 Royal Ascott, Ellicott City, MD 21042 PHONE 410-461-7128

AGENT OR PROSPECTIVE BUYER Brian McCormick, c/o Maranson Development Company

5550 Sterrett Place - Suite 309

ADDRESS Columbia, Maryland 21044 PHONE (410)740-3331

### PROPERTY LOCATION:

SUBDIVISION Chapel Woods, Section 2, Area 3 LOT NO. 20

ROAD AND DESCRIPTION South Side of Chapel Woods Court, 1000' West of Linden Chapel Road

TAX MAP 29 PARCEL # 41

SIZE OF LOT 3.5117 Acres TYPE BLDG. Single Family Dwelling  
(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.

Ronald T. Bla...  
(SIGNATURE OF APPLICANT) (AGENT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_  
(PRE-FILED - SEE CW HOLD BLDG AFTER TEST COMPLETED)

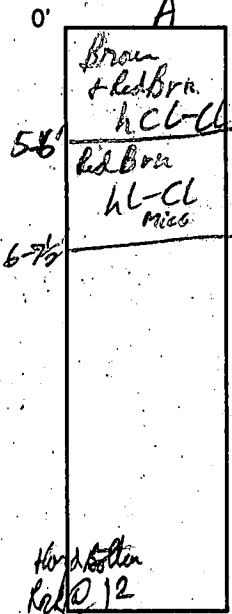
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

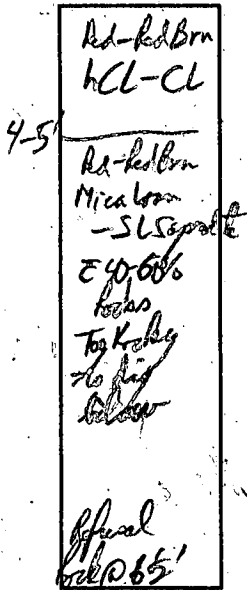
Chapel Woods Sect 2 Lot 20  
49244

COUNTY #

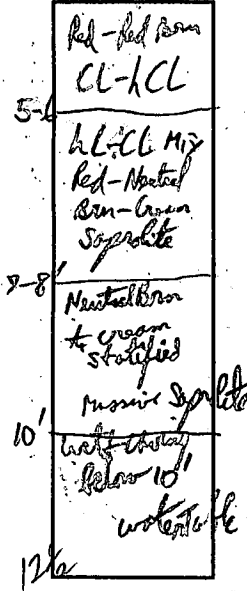
SOIL PROFILE A



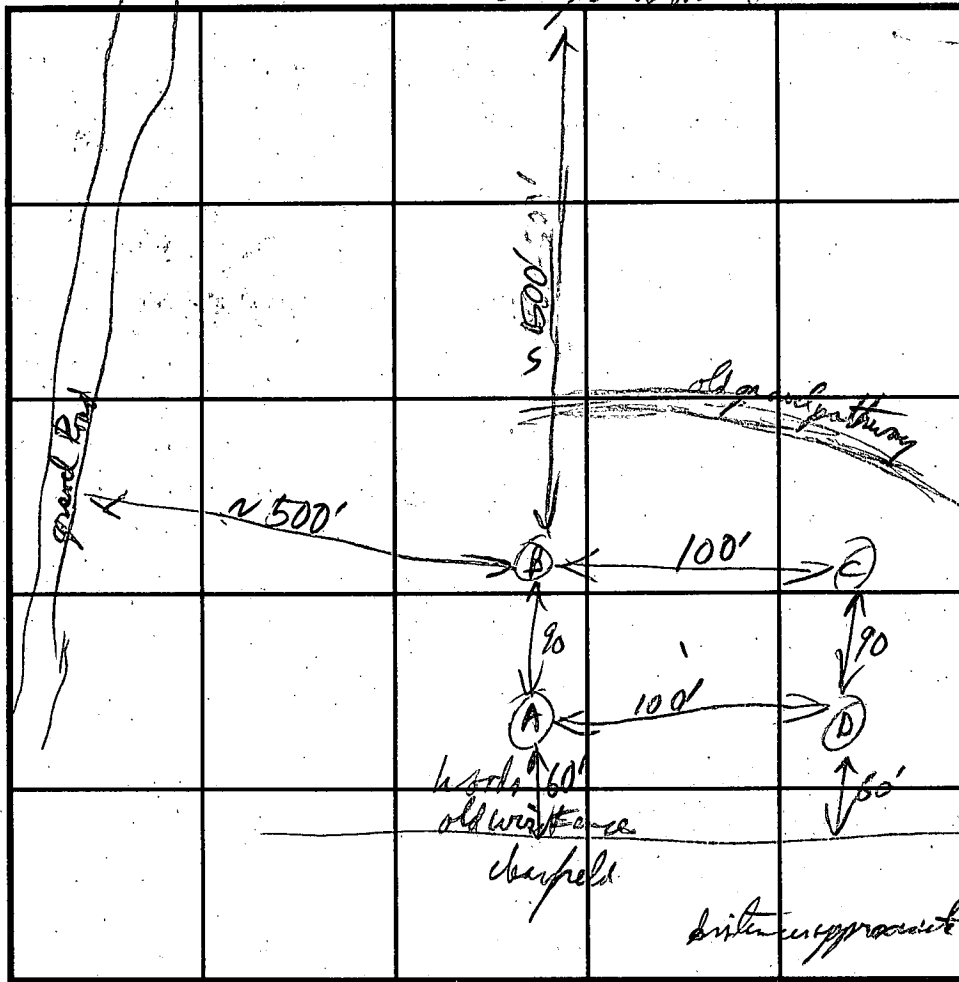
B



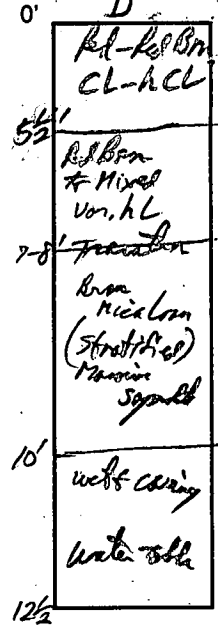
C



Chapel Woods Ct



SOIL PROFILE D



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/28/93	A	6 1/2'	10:46:06	11:20 (3 1/4" in 34 min)				Too Slow Fail
		12'	Hard Bottom @ 12'					Fail
	B	Red @ 4'	10:52:00	11:32	11:32:00	12:01		30 min Fail
	C	12 1/2'	10:14:06	11:32	11:32:00	12:01		30 min Fail
	D	6'	11:46:00	12:11:00	11:32:00	12:01		30 min Fail
		12 1/2'	Water @ 12' carrying out sewage to 10'					

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY: Ruffin & Frank Alfonso ALSO PRESENT Fogle's men

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

34819

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  
Suite 201, 5570 Sterrett Place  
ADDRESS Columbia, Maryland 21044

Dr. JOE NKWANYIO  
531-3632  
PHONE 997-2815  
BLDG. PERMIT SIGNED

PROPERTY LOCATION \_\_\_\_\_

SUBDIVISION Chapel Woods, Section 2 LOT NO. 18 5 Bedroom

ROAD AND DESCRIPTION Linden Chapel Road (11809 Chapel Woods Court)

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

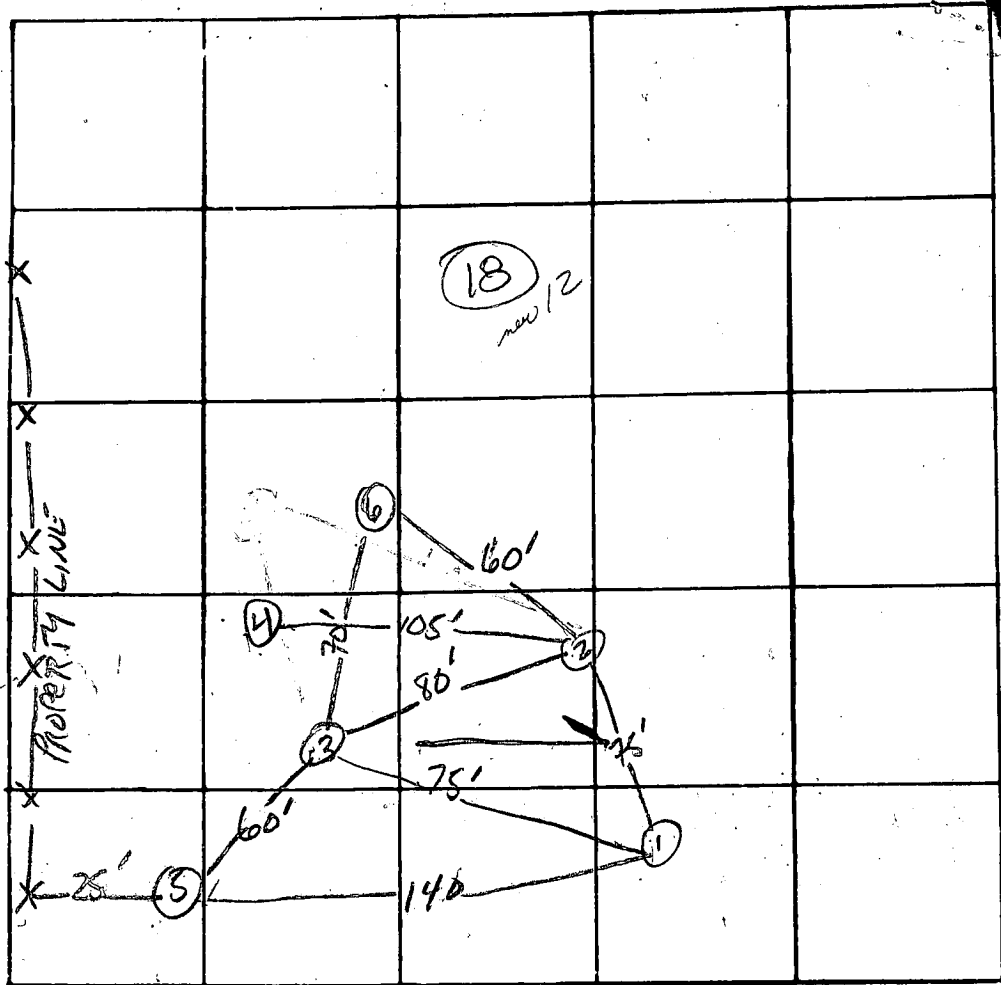
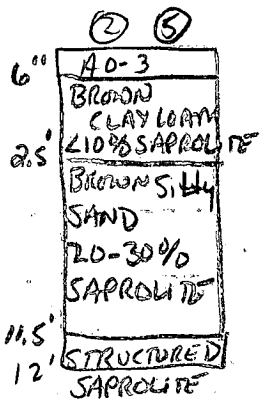
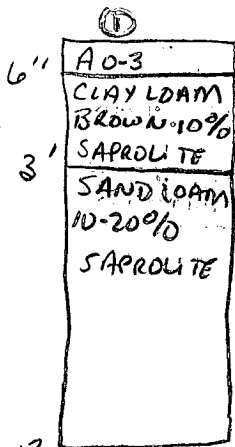
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING 2-19-85 hold for review for shallow system  
certified hole Plat and well house site. S&W

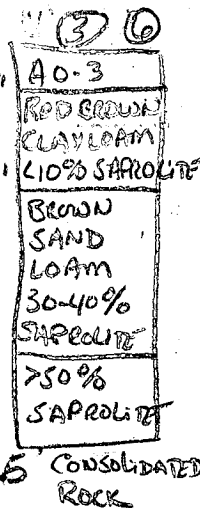
BLDG. PERMIT SIGNED  
AND RETURNED 4/19/85  
Serial # 58796-SFD-4Bor ERIC MAARS

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

U R6 108 U



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/19/25	15	4.5	2:04	2:05	2:05	2:07	2min
	1V	13	UNIFORM SOIL STRUCTURE BELOW 3.5'				
	25	3.5	2:07	2:08	2:08	2:14	6min
	2V	11.5	UNIFORM SOIL STRUCTURE BELOW 3' STRUCTURED AT 12.0'				
	35	4'	2:09	2:40	TO TOP SLUD		
	3V	12.5'	CONSOLIDATED ROCK AT BOTTOM				
	4	ROCK AT 5'					
	55	3.5'	2:20	2:37	2:37	3:05	28min
	5V	13'	UNIFORM SOIL STRUCTURE BELOW 3.5' STRUCTURED AT 12.0'				
	35, opposite end	4.5'	2:51	3:01	3:01	3:17	16min
11.5	65	3.5'	3:45	3:50	3:50	4:03	13min
	6V	12'	UNIFORM SOIL STRUCTURE BELOW 3'				
		12.5'	CONSOLIDATED ROCK				

REMARKS Shallow system

TYPE OF SOIL Chester / Mann Association

TESTED BY S. Abel ALSO PRESENT: DEURA, JR., FRANK  
SONNY

*Robert*  
*11/4/85*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 36153

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5th

DATE 10/30/85

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  
Suite 201, 5570 Sterrett Place  
ADDRESS Columbia, Maryland 21044 PHONE 596-3877

PROPERTY LOCATION:

SUBDIVISION Chapel Woods LOT NO. AR *FINAL LOT 20*  
*NEW LOT 7 See 2*  
*AREA 2A 3*  
*(FINAL)*

ROAD AND DESCRIPTION \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. Single Family Dwelling  
(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. /s/ James L. Newburn  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 11-12-85 Perc. Satisfactory; Hold for Certified Subdivision  
PLAT. S. 146

# THIS IS NOT A PERMIT

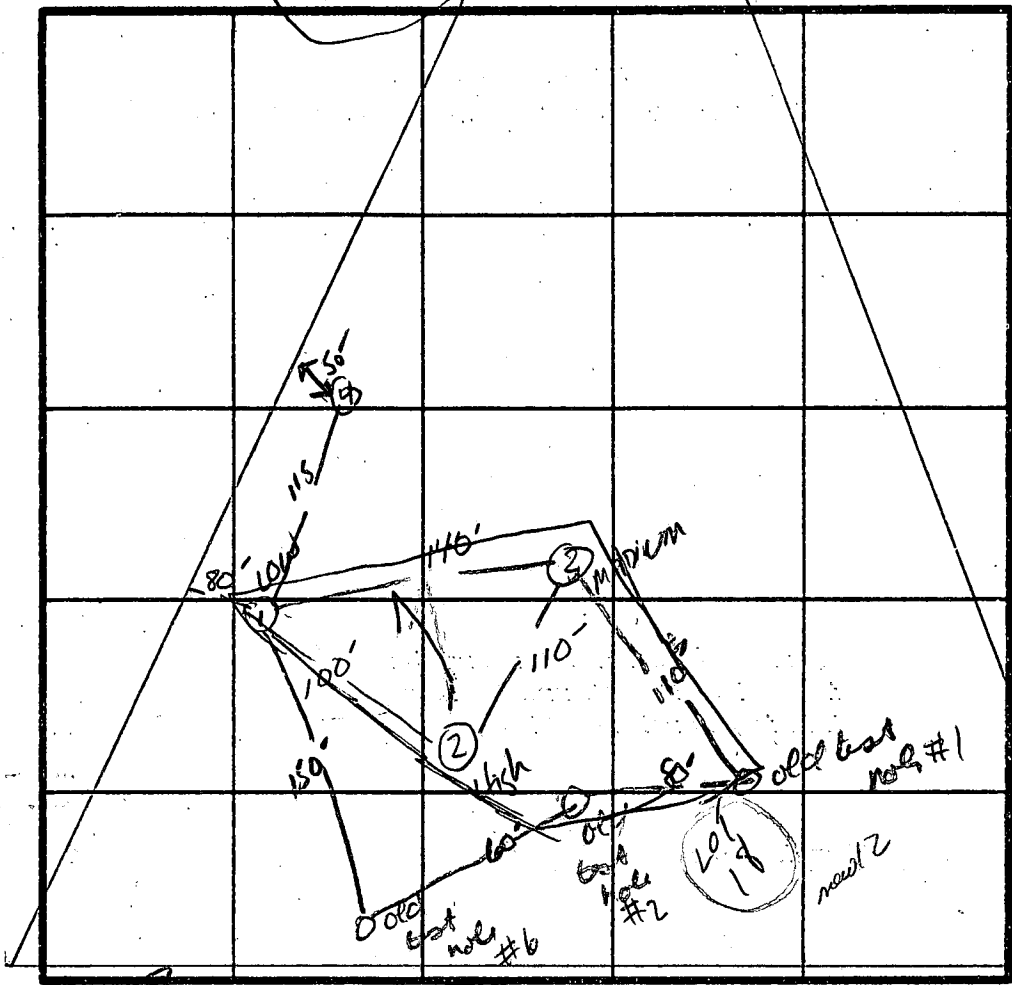
PROPOSED COURT

① ② ③

SOIL PROFILE

0'  
3"  
3'  
13-14'

AP  
Yellow Br.  
SANDY  
CLAY LOAM  
<10%  
SAPROLITE  
Yellow Br.  
SAND LOAM  
20%  
SAPROLITE  
DRY  
SOIL TO  
BOTTOM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BOUNDARY OF PROPERTY

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/8/85	1 ✓	4.5" 14"	11:35	11:43	11:43	11:59	16min	
	2 ✓	5" 13"	11:48	11:49	11:49	11:51	2min	
	3 ✓	13"	UNIFORM SOIL STRUCTURE Below 3"					
	4 ✓	WATER AT 9"						

REMARKS

TYPE OF SOIL Clayey Sand Loam

TESTED BY S. Abel

ERIC MARKS

ALSO PRESENT WOODY

2158 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

COUNTY NUMBER A 36155

DATE RECEIVED

DATE WELL COMPLETED 02/1/88

DEPTH OF WELL 400 (TO NEAREST FOOT)

PERMIT NO. HO-81-2535

OWNER DEVELOPMENT NEWBURN STREET OR RFD CHAPEL WOODS CT. TOWN CHARLESVILLE SUBDIVISION CHAPEL WOODS SECTION 2 AREA 3 LOT 20

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND, GRAY MICH ROCK, 0-23, 23-400.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 8, NO. OF POUNDS 732.

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

MAIN CASING TYPE: ST, Nominal diameter 6, Total depth 30.

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

SCREEN RECORD: screen type or open hole insert appropriate code below. Selected: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

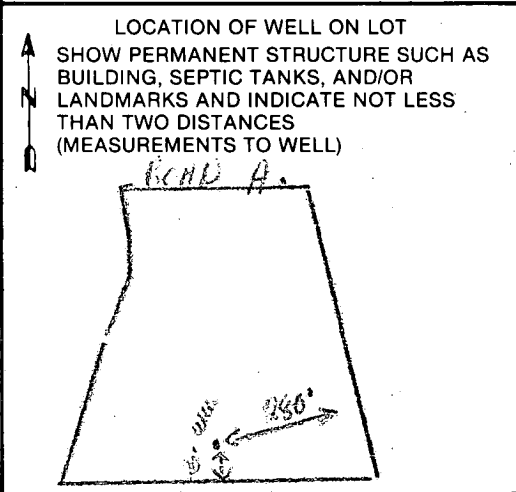
DEPTH (nearest ft.) table with handwritten entries: 29, 400. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN.

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 (TELESCOPE CASING), LOG INDICATOR, WQ (OTHER DATA).

PUMPING TEST: C 3. HOURS PUMPED 6. PUMPING RATE 13. METHOD USED TO MEASURE PUMPING RATE Bucket. WATER LEVEL BEFORE PUMPING 24, WHEN PUMPING 246. TYPE OF PUMP USED: S (submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO). TYPE OF PUMP INSTALLED. CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



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...

DRILLERS IDENT. NO. 238. DRILLERS SIGNATURE: Joseph L. Mayne.

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

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2535  
 Location of property (road) Chapel Woods Ct.  
 Subdivision Chapel Woods Lot 20 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. 2 Area 3  
 Well Driller Joseph Mayne Owner Newburn Development  
 Depth of well 400  
 Distance of measuring point (M.P.) above ground 1'  
 Static water level (S.W.L.) below M.P. 24'

I. High rate pumping -- reservoir drawdown  
 Time pump started 7:45 Pumping rate 20 gal.  
 Total time 30 min. to reach pumping water level 245 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 $\beta$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	140	3		20
8:15	246	3		20
8:30	245	40		1 1/2
8:45	245	40		1 1/2
9:00	245	40		1 1/2
9:15	245	40	221	1 1/2
9:30	245	40	1.5	1 1/2
9:45	245	40	1105	1 1/2
10:00	245	40	221	1 1/2
10:15	245	40	331	1 1/2
10:30	245	40	180	1 1/2
10:45	245	40	511.6 OK	1 1/2
11:00	245	40		1 1/2
11:15	245	40		1 1/2
11:30	245	40		1 1/2
11:45	245	40		1 1/2
12:00	245	40		1 1/2
12:15	245	40		1 1/2
12:30	245	40		1 1/2
12:45	245	40		1 1/2
1:00	245	40		1 1/2
1:15	245	40		1 1/2
1:30	245	40		1 1/2
1:45	245	40		1 1/2
2:00	245	40		1 1/2
2:15	245	40		1 1/2

B 1 3602

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

HO-81-2535

fill in this form completely

Date Received (APA)

12 11 87

OWNER INFORMATION

VEUBUCH Development

5570 SIERRETT RD

COLUMBIA MD 21021

B 3

LOCATION OF WELL

HOWARD

CHapel Woods

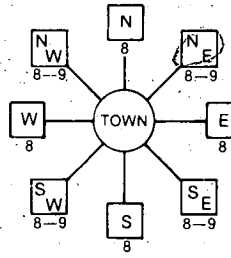
SECTION 2 LOT 20 (Area 3)

CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 1 3/8 MI

B 4

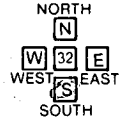
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



CHAPL WOODS CT Road A

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

ENTER FT or MI 15 FT

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 300

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

AA36155

STATE SIGNATURE DATE ISSUED

020888 B. Nolan 08/08/88

NORTH GRID EAST GRID

APPROXIMATE DEPTH OF WELL 300 FEET

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)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D 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)

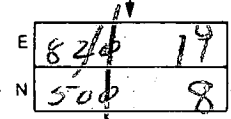
APPROP. PERMIT NUMBER GAP

FORCE INITIALS PERMIT No. HO-81-2535

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

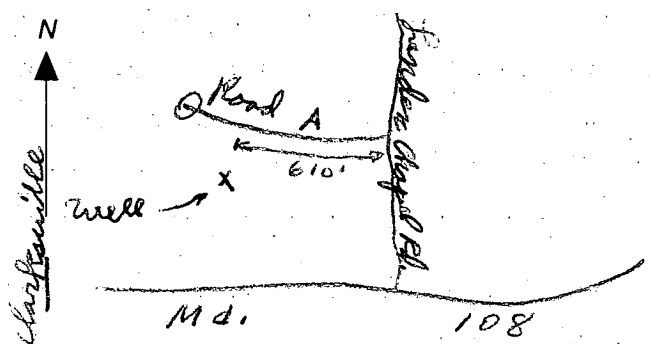
SOURCES OF DRILLING WATER 1. WELL

WRITE THE BOX NUMBER FROM THE MAP HERE



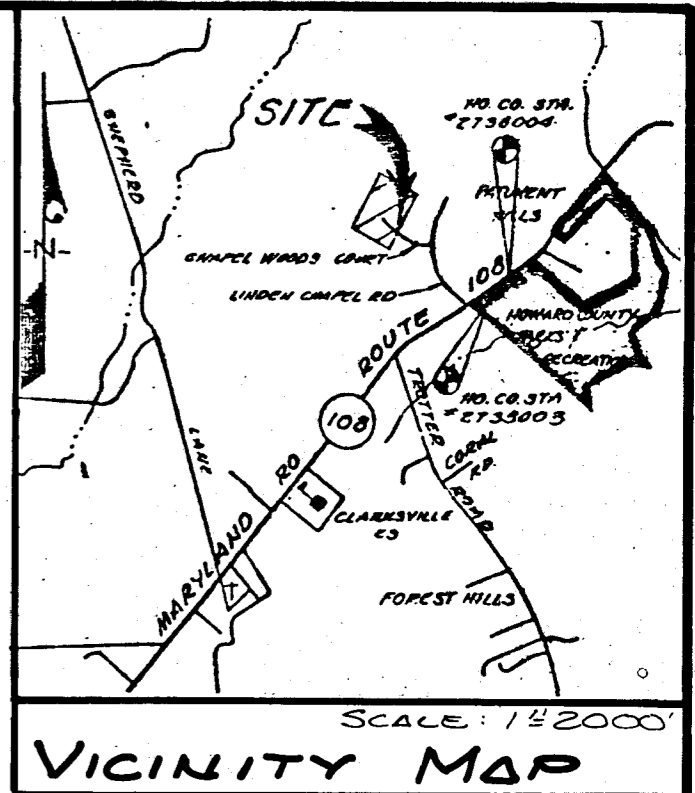
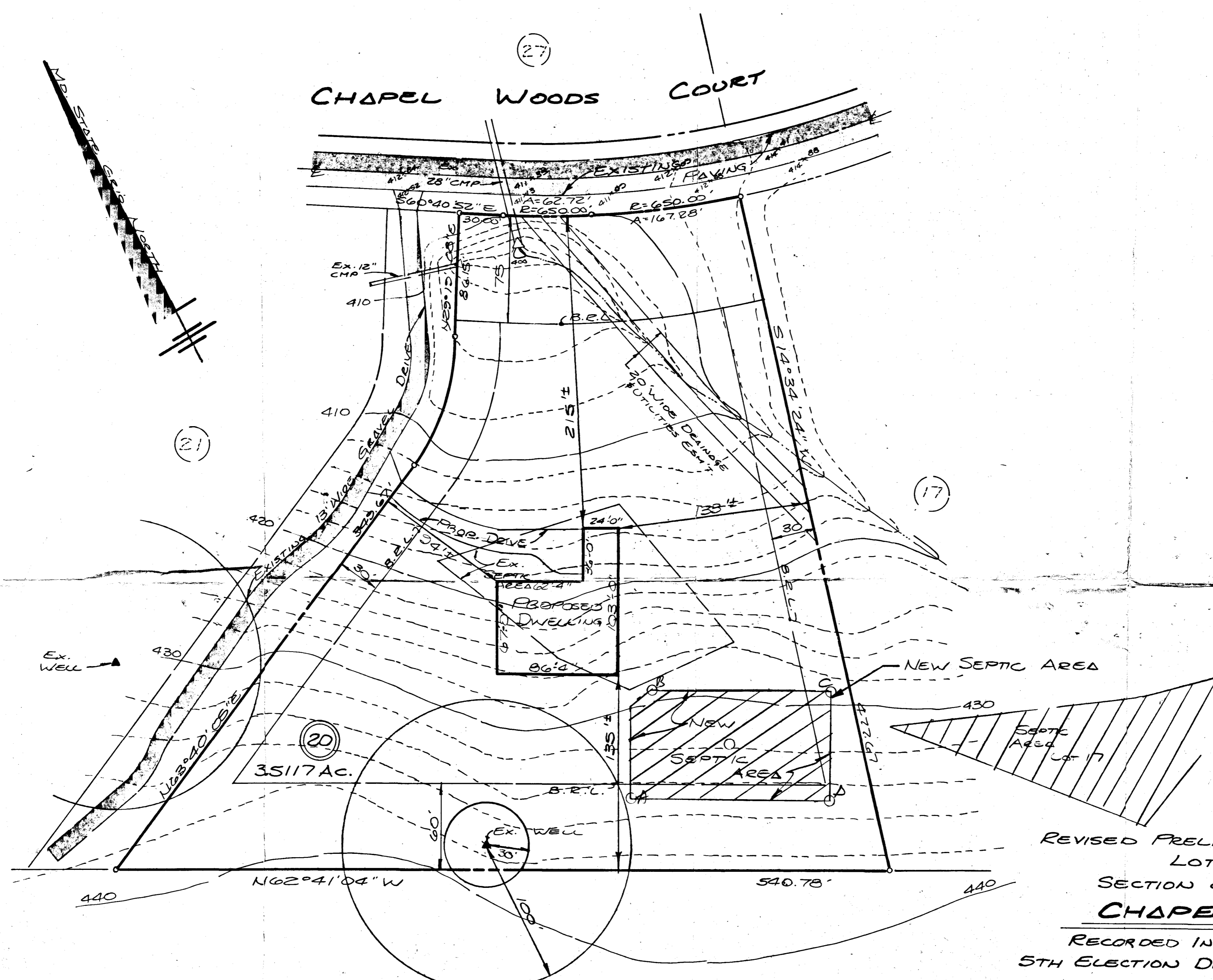
30' casing (1" dia)
27' open
8 bags
H2O sample taken
Location as per Staked

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



SPECIAL CONDITIONS





COPY OF THIS  
 TEST PLAT IS IN  
 CRAIG'S PLAT BOX"  
 FOR SIGNATURE  
 IF ALL TESTS OK  
 AS PER PLAN  
 5/19/93 CW

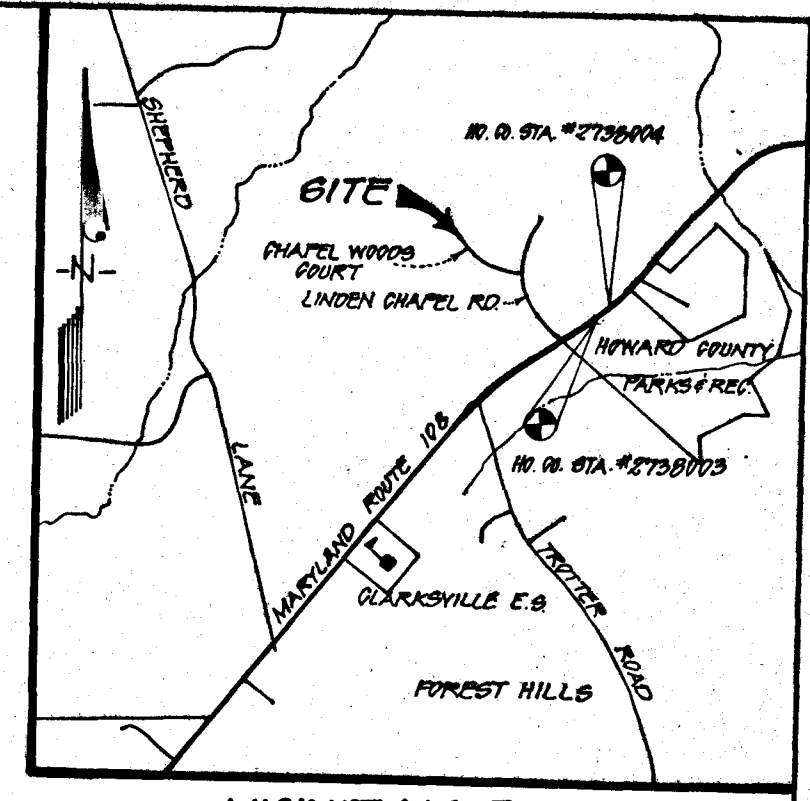
REVISED PRELIMINARY PLAN  
 LOT 20  
 SECTION 2, AREA 3  
**CHAPEL WOODS**  
 RECORDED IN PLAT No. 7934  
 5TH ELECTION DIST., HOWARD COUNTY, MD.

APPROVED: FOR PRIVATE WATER & PRIVATE SEWAGE  
 SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN  
 OF WATER & SEWAGE FOR HOWARD COUNTY.

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

TAX MAP No. 33  
 Part of Parcel 41

BPR, INC.		
DATE	REVISION	BY
PLANNERS - SURVEYORS 359 MANCHESTER ROAD WESTMINSTER, MD 21157 (301) 857-9030 - (301) 876-0333		
SURVEYED BY A.D.		
COMPUTED BY E.B.		
DRAWN BY R.B.		
CHECKED BY G.P.		
DATE April 29, 1993 SCALE 1/2"=50'		



VICINITY MAP  
SCALE: 1"=2000'

**LEGEND**

- CONTOUR INTERVAL : 2'
- EXISTING CONTOUR ----- 242
- PROPOSED CONTOUR ----- 242
- PROP SPOT ELEVATION 142.2
- DIRECTION OF DRAINAGE →
- EXIST. TREES TO BE SAVED

**NOTES**

1. Topography was Field Run by CLARK FINEFROCK & SACKETT, INC. on JAN. 10, 1994
2. Length of Trench to be Determined at time of Permit Issuance.
3. Plat Reference Plat 7934.
4. 4 Bedrooms.

BENCH MARK  
P.K. NAIL  
ASSUMED DATUM  
ELEV. 300.00

CHAPEL WOODS COURT

LOT 21

MARTHA V. LARRENFELDER  
862/412

Approved Septic System Plan  
Howard County Health Department

Signature: *Mark E. Ecker*  
Date: 3/10/94

AS AMENDED  
WITH J. ECKER OF C, F & S

<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED J.M.E.	<b>SITE DEVELOPMENT PLAN</b> <b>CHAPEL WOODS</b> LOT 20	SCALE 1"=50'
DRAWN Z.A.H.		DRAWING 1 of 1
CHECKED J.M.E.	FIFTH (5 <sup>TH</sup> ) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 24-002
DATE FEB. 1994		FILE NO. 24-002
FOR: FALADIAN HOMES 11830 TRIADDELPHIA ROAD ELLICOTT CITY, MD 21042 (410) 591-2632		

NO	REVISIONS	Date
1	Revise Septic System Design	3-10-94