

4-1189
11 am

348214

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 43774

A 40063

DISTRICT 4th

DATE 3/13/89

DATE SYSTEM APPROVED 4/13/89

INSPECTOR RH

Walter W. King Plumbing and Heating Contractors, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS 5305 King's Court, Frederick, Maryland 21701 PHONE 662-6990

SUBDIVISION White Woods Estates ROAD 17410 White Dogwood Ct LOT 7

PROPERTY OWNER Richard Pettit and Company

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

256
4
1024

TRENCHES - 256 sq. ft. per bedroom with garbage disposal. 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 225 feet up the left (574.97') lot line and 60 feet off the same lot line as seen when facing the lot from White Dogwood Court. Run trenches on contour toward the right lot lines.

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 Sid Abel DATE 12/13/88

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

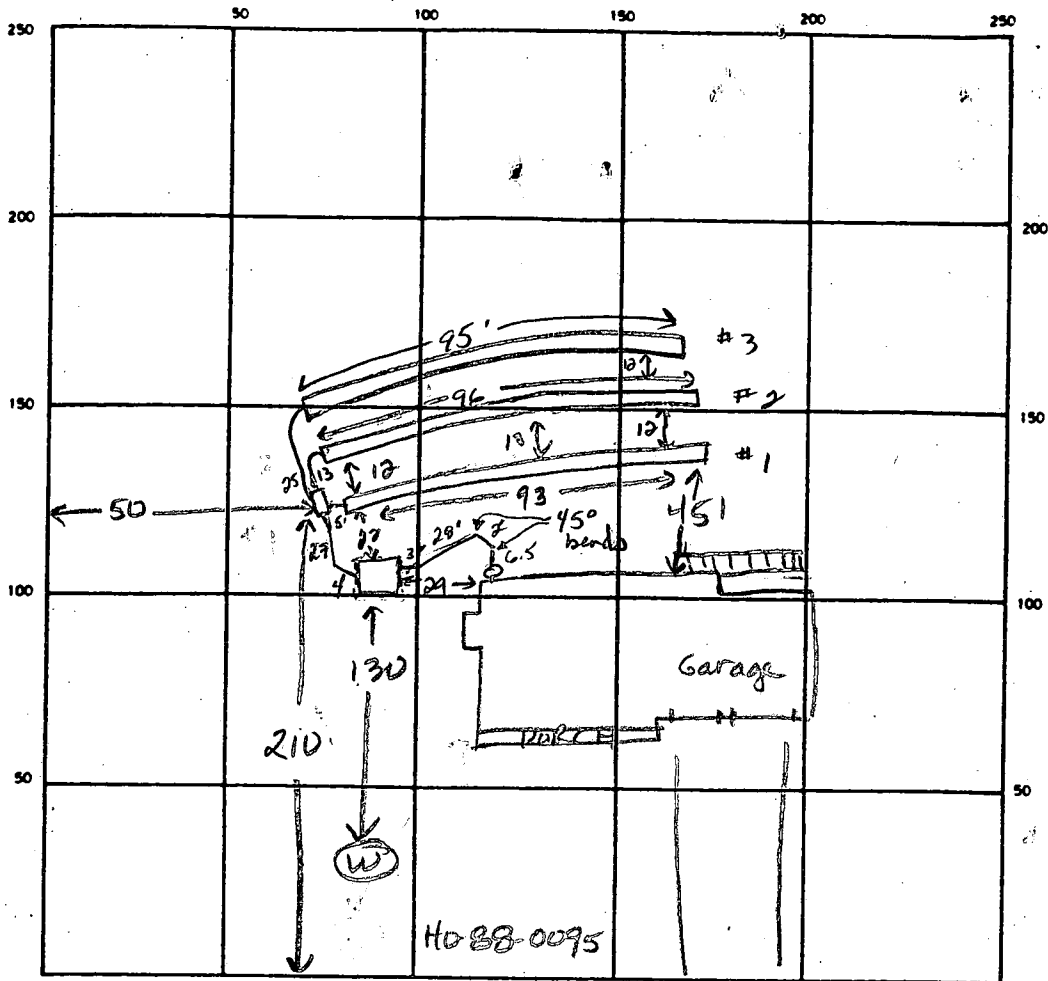
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BUDG. PERMIT SIGNED
AND RETURNED 3/29/89
Serial # 24390 - check

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 40063



256
93

163

256
4

260

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

White Dogwood Ct.

SEPTIC TANK. LEVEL 2000 gal CLEANOUTS 1 at house, 1 on septic tank

DISTRIBUTION BOX. LEVEL ① ② ③

DRAIN FIELD/TILE FIELD. DEPTH 8' 8' 8' TRENCH WIDTH 2 FT. INLET DEPTH 4 4 4 FT.

EFFECTIVE GRAVEL DEPTH 4 4 4 FT. TOTAL LENGTH 93 96 95 FT. 284
4

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 1136 SQ FT. RECORDED
26

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 4-11-89 OK to add stone, pipe's paper to trench #1, cover leaving both ends open if necessary. OK to stone first 60 ft of trench #2, JEN
4-12-89 OK to stone all 3 trenches, place pipe's paper, cover center if necessary leaving both ends open. OK to cover from house to distribution box, JEN

4/13/89 TRENCHES 1/2

DATE SYSTEM APPROVED 4/13/89 INSPECTOR Raymond Hodge

APPLICATION

PERCOLATION TESTING

A 40063

P _____

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

*10/29/87
perc OK'd pending
approved plat*
Ⓜ

DISTRICT 4TH

DATE 9-8-87

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 Keynard J. Wayfield Jr. Richard PERRIT & Co. 963-2096

ADDRESS 14663 Tridelphia Rd Glensy 21737 PHONE 442-2337

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION White Property Whitewood EST LOT NO. 7

ROAD AND DESCRIPTION South side of Balto National Pike (Rt 144) north
side of Hardy Rd 17410 White Dogwood Ct.

TAX MAP 7 PARCEL # 1

SIZE OF LOT 3 ± acres TYPE BLDG. SFD
(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.

Mal D. Rein
(SIGNATURE OF APPLICANT)

APPROVED BY Sickey Abel FOR Deep trenches DATE 8-12-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field located holes & sub of plat

BLDG. PERMIT SIGNED Revised 1/1/89
AND RETURNED 12/13/88

BP 2291388

THIS IS NOT A PERMIT

$\bar{X} = 9 \text{ min}$
 SOLET 4'
 MAX D 8'
 190 / 30 approx

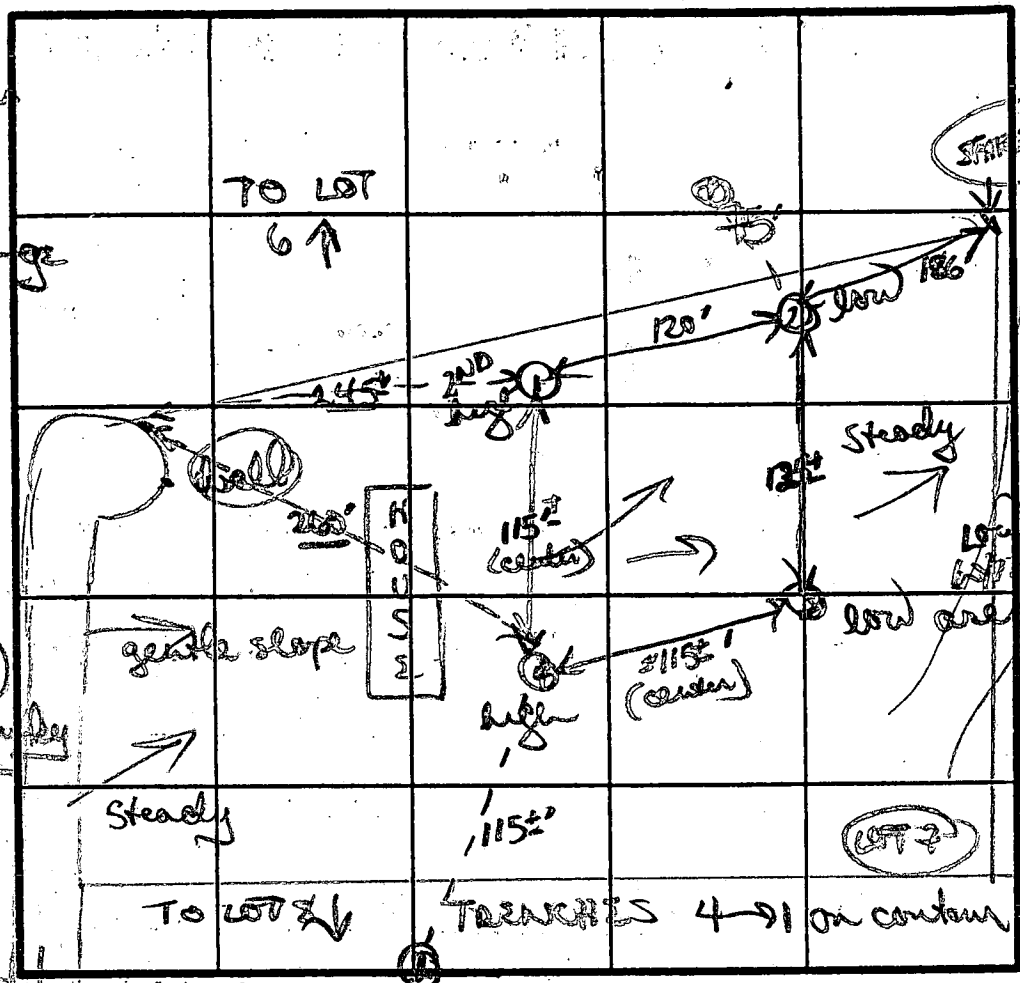
SOIL PROFILE

brown/orange
 clay silt
 mix w/
 patches of
 white silty
 strata
 4"
 to mostly
 orange
 powdery
 orange red
 powdery chunky
 silty

12' D

orange chunky
 gritty brown
 sandy/clay
 mix 3"
 to orange
 silty w/ clay
 powdery
 even

12' D



similar to
 #3 w/
 small red
 rock &
 weathered
 frags (5%)
 5' ↓

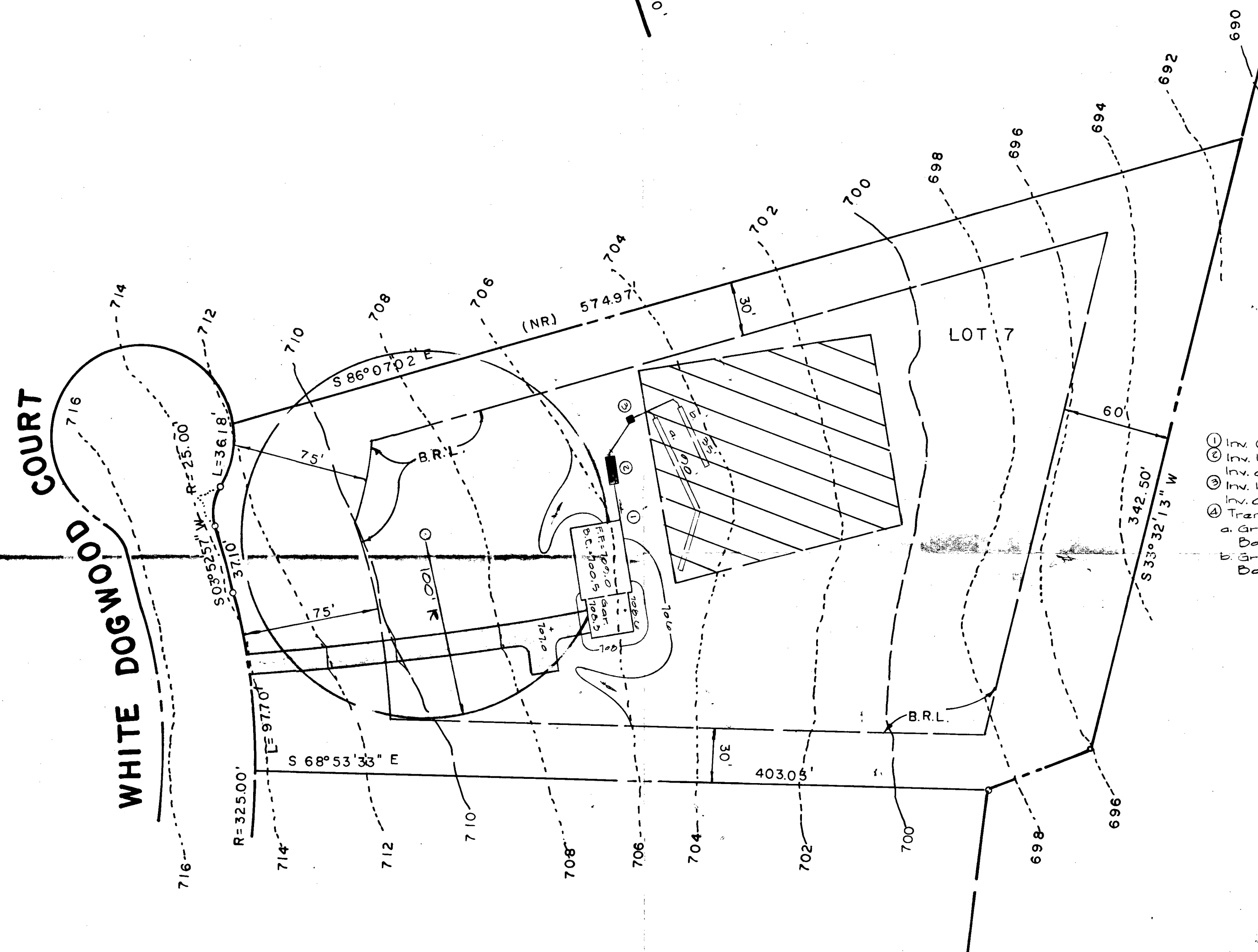
11' D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/29/88	1	4' S	205	210	210	220	11min	
		7 1/2' M	205	210	210	220	10min	
		12' D	bottom (see profile)					
	2	4' S	207	212	212	224	12min	
		12' D	bottom (see profile)					
	3	4 S	223	225	225	228	3min	
		12' D	bottom (see profile)					
	4	VISUAL ONLY (see profile)						
		11' D	Green soils 4' ↓					

Dug & tested as staked

REMARKS: fairly uniform orange brown clay silt loam 3-4", orange silty loam
 TYPE OF SOIL:
 TESTED BY: B Arifan
 ALSO PRESENT: Kottman, Mark

SCALE 1"=50'



Design of Septic System

① Inv. @ House = 701.7 ✓ Ground @ House = 709.7 ✓
 ② Inv. In @ Septic Tank = 701.4 ✓ Ground @ Septic Tank = 709.7 ✓
 ③ Inv. In @ Distribution Box = 700.7 ✓ Ground @ Distribution Box = 709.7 ✓
 ④ Inv. Out @ Distribution Box = 700.8 ✓ Box = 705.0 ✓

Tranches:
 a. Ground Elev. = 704.6 ✓ Inv. of Pipe = 700.6 ✓
 Bottom of trench = 699.6 ✓ Area = 4' x (20' x 2) = 720' ✓
 b. Ground Elev. = 704.3 ✓ Inv. of Pipe = 700.5 ✓
 Bottom of trench = 699.3 ✓ Area = 4' x (20' x 2) = 720' ✓

EXTEND LAST TRENCH TO MAKE UP
 Total = 1000' ✓
 # SA
 Close

* Note:
 Dwelling has 4 bedrooms & garbage disposal
 Size of Septic Tank = 1075 gallons
 Area of trenches = 212' x 4' = 848' + 22%
 = 976' ✓

Basement services will be provided by utilizing an injector pump.

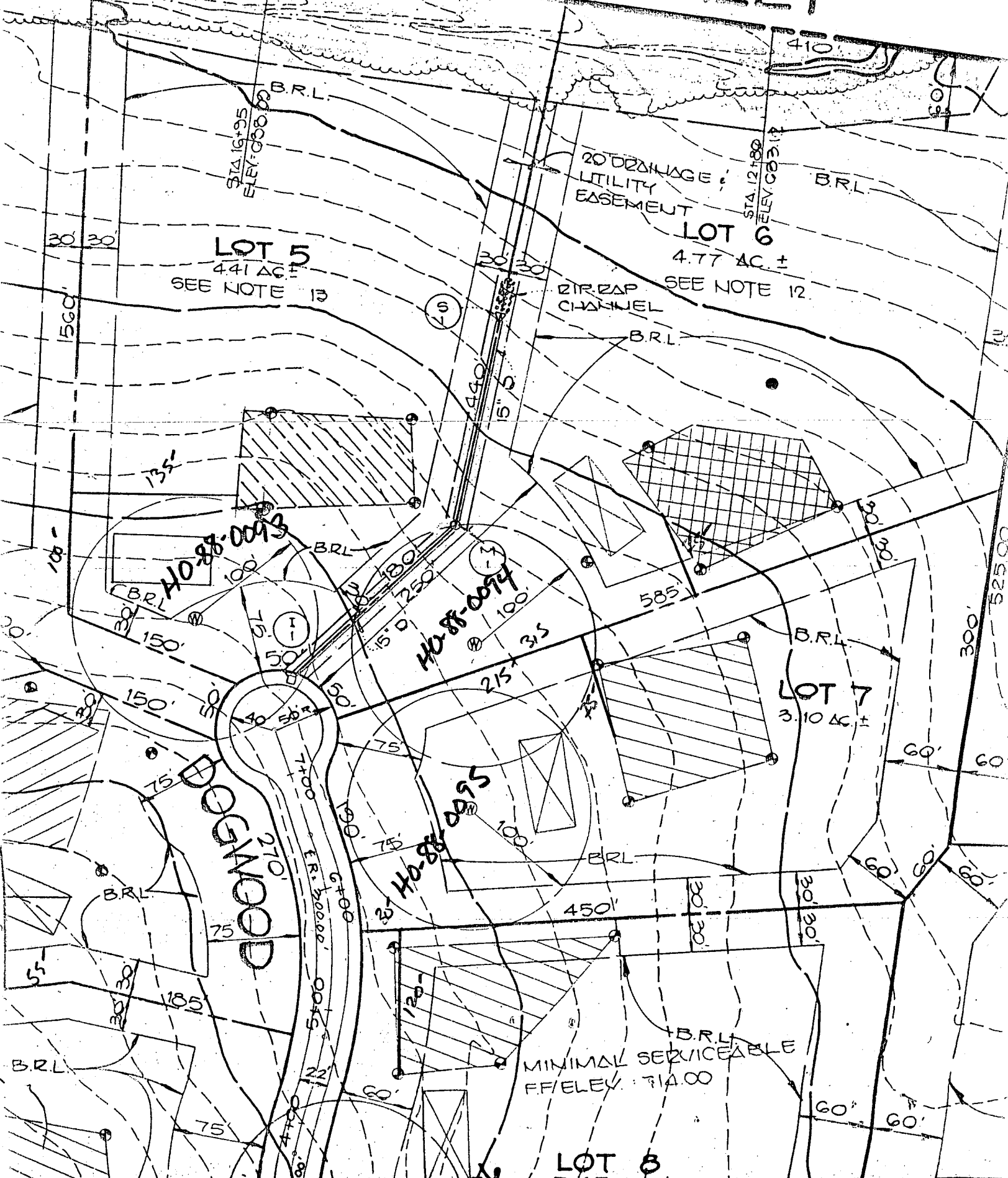
Revised
 ENG. PERMIT SIGNED
 AND RETURNED 1-11-89
 BP-22913
 SA

PLOT PLAN TO ACCOMPANY
 APPLICATION FOR A BUILDING PERMIT
WHITE WOOD ESTATES
 LOT 7
 4TH ELECTION DISTRICT HOWARD COUNTY, MD.
 SCALE: 1"=50' NOVEMBER 9, 1988

FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043

CH LINE SEE SHEET

FLOOD PLAIN
UTILITY EASEMENT



LOT 5
4.41 AC ±
SEE NOTE 13

LOT 6
4.77 AC ±
SEE NOTE 12

LOT 7
3.10 AC ±

LOT 8
5.45 AC ±

DOGWOOD

MINIMAL SERVICEABLE
FF/ELEV. 714.00

B 1 3617 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

40-88-0095
fill in this form completely

Date Received (APA)

080488

OWNER INFORMATION

WARFIELD KEN
Last Name Owner First Name

14663 TRIDELPHIA RD
Street or RFD

SLEMELG MD 21237
Town State Zip

DRILLER INFORMATION

Ralph MAYNE 223
Driller's Name License No. 80

Ralph MAYNE Well Drilling
Firm Name

9176 Brown Church Rd Mt Airy
Address

Ralph Mayne 7/30/88
Signature Date

B 3

LOCATION OF WELL

HOWARD
COUNTY

WHITE WOODS EST
SUBDIVISION

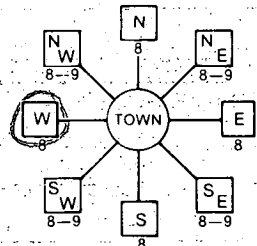
SECTION LOT

POPULAR SPRINGS
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 0 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



WHITE DOBWOOD CT.
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



100
DISTANCE FROM ROAD

ENTER FT or MI F1

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)

- [D] HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
[F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
[I] INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
[P] PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
[T] TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A-40063
COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 081788 S.L. Ahl 02-16-89
CO SIGNATURE EXP. DATE

NORTH GRID 555000 EAST GRID 0766000

APPROXIMATE DEPTH OF WELL 150 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

REPLACEMENT OR DEEPEND 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 DEEPEEN AN EXISTING WELL

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE SA PERMIT NO. 40-88-0095

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

2646 54050

8/26/88
80 FE CASING
SAT OPEN
BAGS cement
LOC OK
SAV
Hoffman comp SA

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

