

9/13/96  
10x10 open trench  
& buried other per Tr  
through day  
7/8/96 ll

No House Connection

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57007 B  
A 48644  
DISTRICT 4th

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
461-9933 313-2640

DATE 6/28/96

DATE SYSTEM APPROVED 7/17/96

INSPECTOR [Signature]

**INDEXED**

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Gwyndyl Oak Estates LOT 22 ROAD 2816 Belle Hollow Ct.

PROPERTY OWNER NV Homes / Jeffrey and Ann Whittle

ADDRESS 2200 Defense Hwy Suite 301 Crofton MD 21114

SEPTIC TANK CAPACITY used 1500 gal 1250 GALLONS  \*Top seamed septic tank\*  
 \*Trench inspection required prior to placing stone.\*

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280'

TRENCHES - Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 70 feet up the right lot line (118.80') and 125 feet off that same lot line when facing the lot from Belle Hollow Court. Run trenches on contour toward the 110.00 foot lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/ML

PLANS APPROVED BY Amy McMillen Glen Savage DATE 4/2/96 12/14/94

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

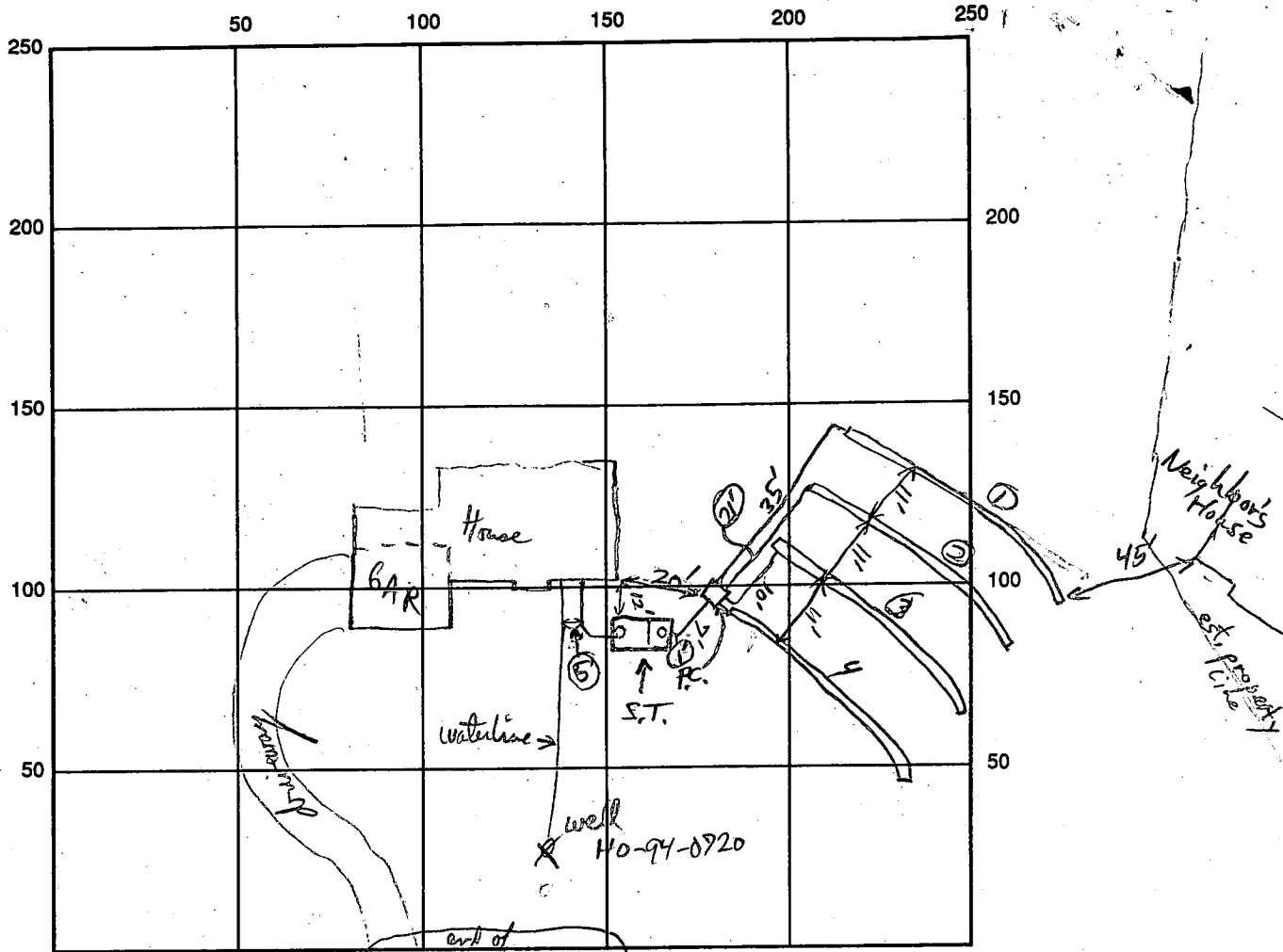
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

**OLDG. PERMIT SIGNED AND RETURNED 3-3-98**  
Seal # B1110190 Seal

A  
48644



SEPTIC TANK LEVEL 1500 gal - 2 compartment, Pop Seal CLEANOUTS S.T. only

DISTRIBUTION BOX LEVEL Repair OK - level OK

DRAIN FIELD/TITLE DEPTH 4 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 95/75/70 FT./65 = 285

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 855 SQ. FT.

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

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 1st Trench bottom in to good soil, No rock - ok to gravel fill. Distribution box is broken, many cracks on 2nd floor - Needs replacement - RJP 7/3/96 Dist. box repair is ok, OK to cover 1st trench 7/3/96 RJP  
last 3 trenches finished - OK to cover system RJP 7/8/96 House connection OK 7/17/96 RJP

Needs House Connection

WPI - Pithor a depth of 4' RJP 7/3/96 - water line less than 10 ft from septic line is 5' covered & 2" PVC pipe - OK

DATE SYSTEM APPROVED 7/17/96

INSPECTOR RJP

# APPLICATION

PERCOLATION TESTING

A 48644  
P \_\_\_\_\_

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

NO HISTORY  
NEW TESTS  
REQ'D.  
FAILS OLD LOT. 16 A 4425<sup>2</sup> N62WBY

DISTRICT \_\_\_\_\_  
DATE 10-22-92

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 PETTIT & GRIFFIN INC.

ADDRESS 18205-D FLOWER HILL WAY PHONE (301) 975-1020  
GAITHERSBURG MARYLAND 20879

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Mckendree estates LOT NO. 22 NEW 23  
(8116193)

ROAD AND DESCRIPTION Mckendree Road

TAX MAP 14 PARCEL # 123  
BLDG. PERMIT SIGNED AND RETURNED 4-2-96  
Serial # 64180

SIZE OF LOT 40,000<sup>#</sup> - 60,000<sup>#</sup> TYPE BLDG. SINGLE FAMILY DWELLING - 4 BRs  
(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. Zacharia y. Fisch (agent)  
(SIGNATURE OF APPLICANT)

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

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

HOLD PENDING FURTHER TESTS 11/98/92 Per OK but lot lines must

REASONS FOR REJECTION OR HOLDING have changed

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

48644

LOT 71

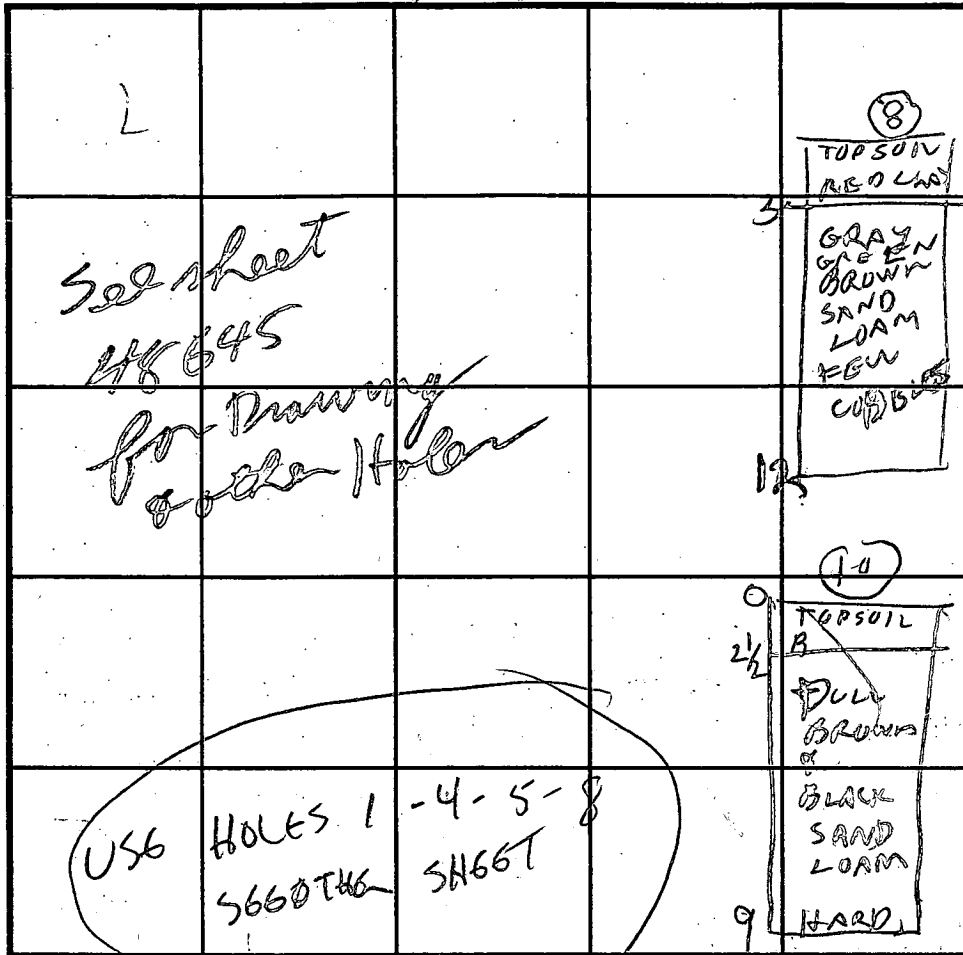
McKendree Estate

COUNTY #

SOIL PROFILE

0' TOP SOIL  
RED CLAY

2' REDDISH  
BROWN  
SAND  
LOAM  
&  
SOME  
COBBLES



SOIL PROFILE

0' TOP SOIL  
RED CLAY

3' RUST  
BROWN  
SAND  
LOAM

0' TOP SOIL  
CLAY

4' RUST  
BROWN  
SAND  
LOAM  
& FEW  
ROCKS

8' ROCK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/18/92	1S	3	1003	1005	1005	1009	4
	1D	7	1006	1007	1007	1009	2
11/18/92	1V	9 1/2	OK	SHALLOW			
	2S	4	1022	1030	1030	1040	10
	2V	10	OK	SHALLOW			
	3V	7	ROCK	FAIL			
	4V	6 1/2	ROCK	FAIL			
	5V	2	1115	1133	1133	1148	15
		8	OK	SHALLOW			
	6V	2	ROCK	FAIL			
	7V	3	ROCK	FAIL			
	8V	7 1/2	OK	SHALLOW			
	9V	5	ROCK	FAIL			
11/17/92	10S	3	1219	1222	1222	1227	5
	10V	9	OK	SHALLOW			

REMARKS Hole 10S dug per Test Plat

TYPE OF SOIL Some Good peres Change lot 2nd

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 TRENCH WIDTH \_\_\_\_\_

INLET DEPTH 2 1/2 MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

ON LINE LOT 218-21

130  
87  
110

ON LINE (2)

TOP SOIL  
RED CLAY

RUST  
BROWN  
SAND  
LOAM

OLIVE  
BROWN  
SAND  
LOAM

HARD

ON LINE (3)

TOP SOIL  
ORANGE  
BROWN  
CLAY

RUST  
BROWN  
SAND  
LOAM  
& ROCKS

ROCK BOT

# APPLICATION

PERCOLATION TESTING

A 48645

P \_\_\_\_\_

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

RE CONFIGURED FOR 1 ACRES  
was A44581

DISTRICT \_\_\_\_\_

DATE 10-22-92

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 PETTIT & GRIFFIN INC.

ADDRESS 18205-D FLOWER HILL WAY PHONE (301) 975-1020  
GAITHERSBURG MARYLAND 20879

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Mckendree Estates LOT NO. ~~22~~ NEW 24  
(9116193)

ROAD AND DESCRIPTION Mckendree Road

TAX MAP 14 PARCEL # 123

SIZE OF LOT 40,000<sup>#</sup> - 60,000<sup>#</sup> TYPE BLDG. SINGLE FAMILY DWELLING  
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(SIGNATURE OF APPLICANT)

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

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

HOLD PENDING FURTHER TESTS 11/18/92 Per OK but lines must

REASONS FOR REJECTION OR HOLDING be change P/P

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

48645 Lot 22 McKonder Estate 10-92-86

COUNTY #  
2022  
SOIL PROFILE

0'  
TOP SOIL  
BROWN  
CLAY

2 1/2'  
ORANGE  
BROWN  
SAND  
LOAM

9 1/2'  
ROCK OUT

TOP SOIL

2'  
BUST  
SAND  
LOAM

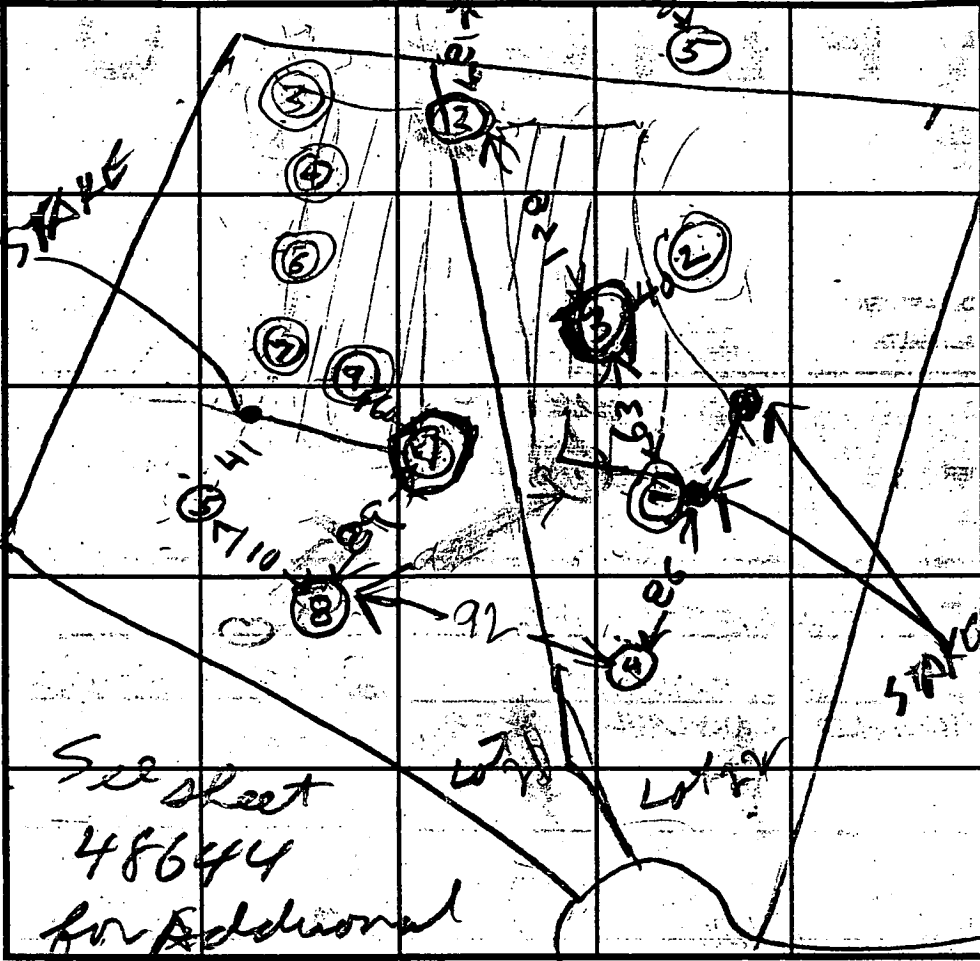
4'  
GRAY  
BROWN  
SAND  
LOAM

9'  
ROCK BOT

TOP SOIL

2 1/2'  
BROWN  
CLAY

GRAY  
DULL  
BROWN  
SAND  
LOAM



SOIL PROFILE

TOP SOIL  
RED CLAY

TAN  
PINK  
BROWN  
SAND  
LOAM  
& FEW  
COBBLES

9' HARD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/18/92	1V	3	ROCK				
	2V	3	ROCK				
	3V	3.5	1052	1056	1056	1058	
	4V	9.5	OK	SHALLOW			
	5V	2	1125	1128	1128	1132	4
	6V	9	OK	SHALLOW			
	7V	12	OK	SHALLOW			
	8V	3	1210	1211	1211	1214	3
	9V	9	OK	SHALLOW			
	ON LINE	4	1022	1030	1030	1040	10
	2	10	OK	SHALLOW			

REMARKS: O = BAD TALKER Some good percs change

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

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

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

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

used holes 5, 8, 4, 7

C 1 4161

SEQUENCE NO. (MDE USE ONLY)

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-48664

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 03 26 96

Depth of Well 465

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0720

OWNER WHEELER DEV. INC. STREET OR RFD BELLE HOLLOW CT TOWN SUBDIVISION CLYNOYL OAK EST SECTION LOT 22

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include dirt, hard gray rock, med hard tan rock, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay) NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (P, I, G, H, C, A, S, I, N, G) Nominal diameter top (main) casing, Total depth of main casing, OTHER CASING (if used)

SCREEN RECORD

screen type or open hole (S, T, B, R, H, O, P, L, O, T) insert appropriate code below

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 120 METHOD USED TO MEASURE PUMPING RATE timer WATER LEVEL (distance from land surface) BEFORE PUMPING 75 ft WHEN PUMPING 106 ft TYPE OF PUMP USED (for test) 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 29 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)

DEPTH (nearest ft.)

DEPTH (nearest ft.) 465 SLOT SIZE 1 3 DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y/N)

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

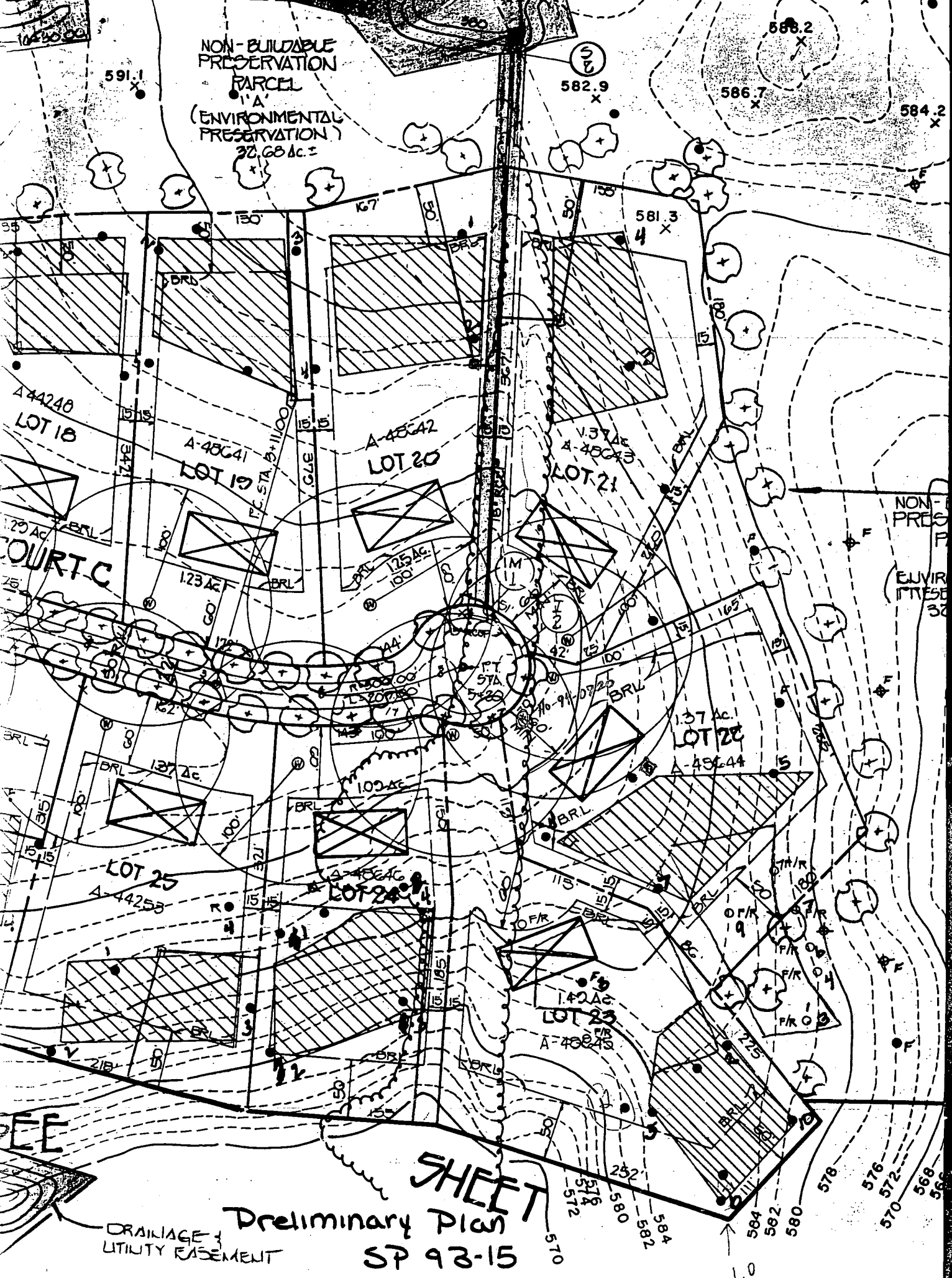
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

TYPE MWD/MSD/MGD DRILLERS LIC. NO. 304 David Kelley DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 509 Harvey W. Knopp

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

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) Drilled on Approved well stake

NON-BUILDABLE  
PRESERVATION  
PARCEL  
1'A  
(ENVIRONMENTAL  
PRESERVATION)  
32.68 Ac. ±



A-44240  
LOT 18

A-48641  
LOT 19

A-48642  
LOT 20

1.37 Ac.  
A-48643  
LOT 21

1.37 Ac.  
LOT 22

LOT 25

A-48646  
LOT 24

1.42 Ac.  
LOT 23



DRAINAGE  
UTILITY EASEMENT

SHEET  
Dreimnary Plan  
SP 93-15

NON-  
PRES  
F  
(ENVIR  
PRES  
32

SEE

# BELLE HOLLOW COURT

MATCH

LINE

520.33'

N24°00'00"W 366.33'

MATCH LINE SEE SHEET 5 OF 6

LOT 25  
59,999 Sq.Ft.

LOT 24  
18,000 Sq.Ft.

LOT 23  
60,000 Sq.Ft.

LOT 22  
59,943 Sq.Ft.

PARCEL "A"  
(ENVIRONMENTAL PRESERVATION)  
AREA THIS SHEET - 4.206 AC.  
FOR TOTAL AREA OF PRESERVATION SEE SHEET 2  
PARCEL AND MAINTAINED BY HOMEOWNER'S ASSOCIATION

PARCEL "B"  
(AGRICULTURAL PRESERVATION)  
AREA THIS SHEET - 17.979 AC.  
FOR TOTAL AREA OF PRESERVATION SEE SHEET 6  
PRIVATELY OWNED AND MAINTAINED

AREA TABULATION TABLE

TOTAL NUMBER OF BUILDABLE
TOTAL NUMBER OF PRESERVATION
TOTAL AREA OF BUILDABLE
TOTAL AREA OF PRESERVATION
TOTAL AREA OF LOTS
TOTAL AREA TO BE

509°52'04"E

740.28'

FENCE POST FOUND

N02°18'24"E 32.01'

570°20'14"W 96.55'  
25' WETLAND BUFFER

N 51°15'17"W 91.57'

N 65°19'39"W 57.61'  
N 55°55'36"W 40.35'  
N 55°15'23"W 15.56'

104.9  
162.69

