

2/18/82
empty time

approved 3/31/82
stayed P 31797

PERMIT

A 31313

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 2nd

INDEX

DATE 2/2/82

Clarence L. Frock IS PERMITTED TO INSTALL X ALTER

ADDRESS 137 Houck Road, Westminster, Md. 21157 PHONE 876-1038

SUBDIVISION Smallwood ROAD 9912 Old Frederick Road LOT 2

PROPERTY OWNER Janis Smallwood & George W. Carr

ADDRESS 9514 Longview Drive, Ellicott City, Md. 21043

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN
FACING LOT FROM

TRENCHES: 100 feet long, 2 feet wide, 9 feet deep with inlet to trench 3 feet below original grade. Filled with 6 foot of stone. Place the trench between perc hold #7 and perc hole #10. Perc hole #10 is located 325 feet from the lot line which is 330 feet long and 700 feet from the lot line which 746.71 feet long. Perc hole #7 is located 406 ft. from the lot line which is 330 ft long and 675 feet from the lot line which is 746.71 ft. long Must use distribution box to connect trnech or trenches to septic tank.

PLANS APPROVED BY Frank Skinner DATE 7/8/81

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

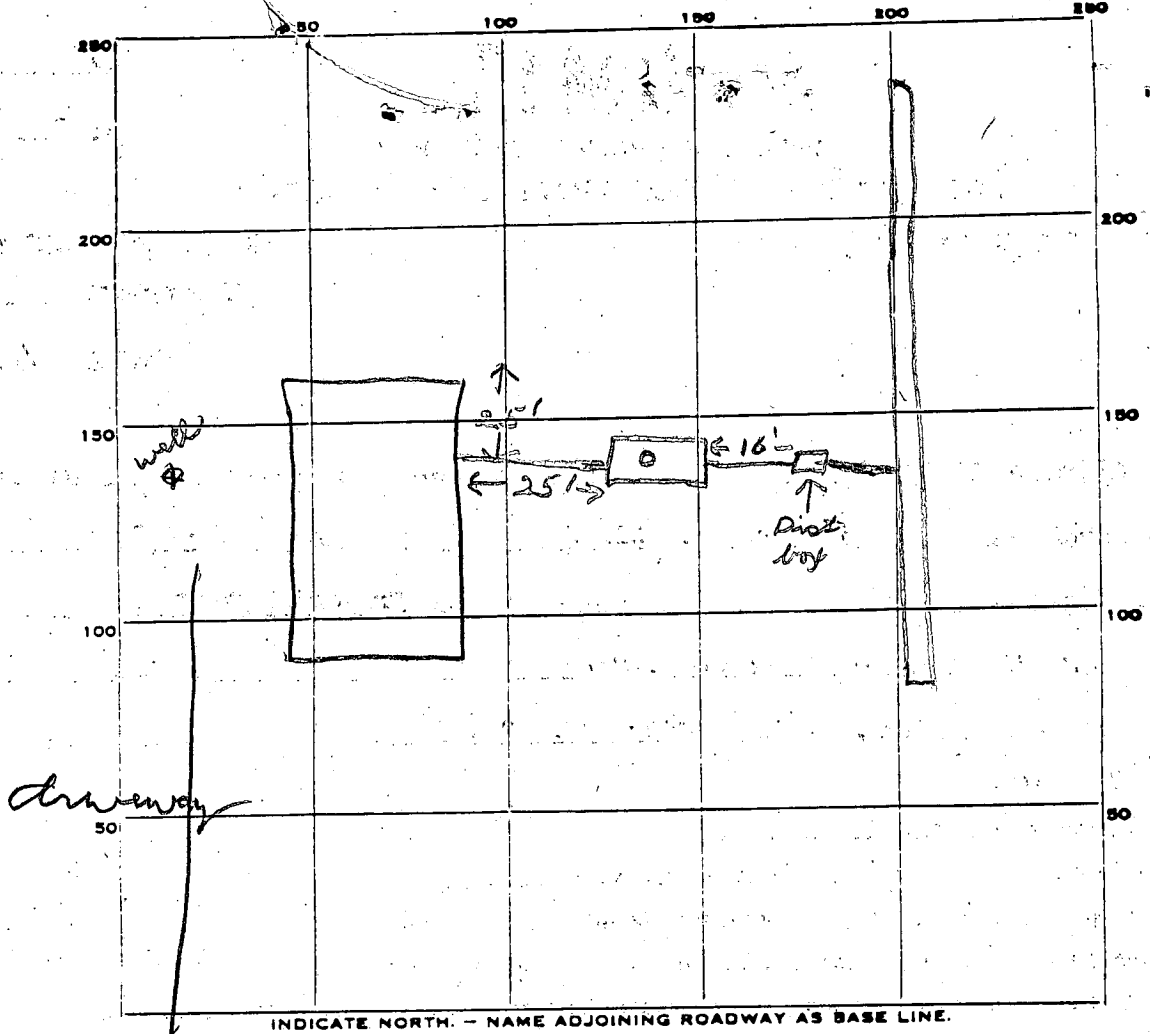
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE 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 ACCEPTED.

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

A 31313



PERMIT CARD _____

SEPTIC TANK, LEVEL _____ CLEANOUTS ST _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 4 1/2 IN. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 450

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 450 SQ. FT.

REMARKS 2/16/82 - Trench has stone added, unable to
measure depth of trench or stone. Left note on card
for a statement from owner, Mr Carr. JF
3/17/82 Letter mailed to Mr. Carr asking for statement. JF
3/31/82 - Note from Mr Carr received with statement. JF

DATE SYSTEM APPROVED 3/31/82 INSPECTOR Stayer

Prep

APPLICATION

3BR-1000
SEWAGE DISPOSAL TESTING

A 3/9/81
P _____

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SERVICES TRENCH FOR 3BR DISTRICT 2ND DISTRICT
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330 100 FT LONG DATE APRIL 9, 1981

2 FT WIDE 9 FT DEEP WITH INLET TO TRENCH
3 FT DEEP BELOW ORIGINAL GRADE
FILLED WITH 6 FT OR STONE

PLACE THE DITCH BETWEEN PERC HOLE (7) AND PERC HOLE (10)
PERC HOLE (10) IS LOCATED 325 FT FROM THE LOTLINE WHICH IS

TO: THE COUNTY HEALTH OFFICER 330 FT LONG AND 700 FT FROM THE LOTLINE
ELLICOTT CITY, MARYLAND WHICH IS 746.71 FT LONG

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER JANIS SMALLWOOD & GEORGE W. CARR

ADDRESS 9514 LONGVIEW DRIVE 21043 PHONE 461-9228

PERC HOLE # (7) IS LOCATED 406 FT FROM THE LOTLINE

PROPERTY LOCATION WHICH IS 330.00 FT LONG AND 675 FT FROM

SUBDIVISION SMALLWOOD SEE SEPTIC # 2 LOT NO. _____

ROAD AND DESCRIPTION PRIVATE ROAD OFF RT. 99 NORTH FROM
BETHANY LANE THE LOTLINE WHICH IS 746.71 FT

SIZE OF LOT 40.477 LONG SEE SEPTIC SYSTEM PLAN
TYPE BLDG. 3 BR - RESIDENCE
(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.

George W. Carr
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

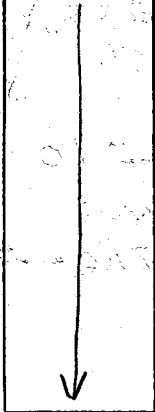
REASONS FOR REJECTION OR HOLDING 5/9/81 Hold for more tests if the
car will move house site higher.

BLDG. PERMIT SIGNED AND RETURNED 10/23/81
DATE House Bldg
BLDG. PERMIT SIGNED AND RETURNED 7/1/81
DATE House Bldg
BLDG. PERMIT SIGNED AND RETURNED 7/1/81
DATE House Bldg

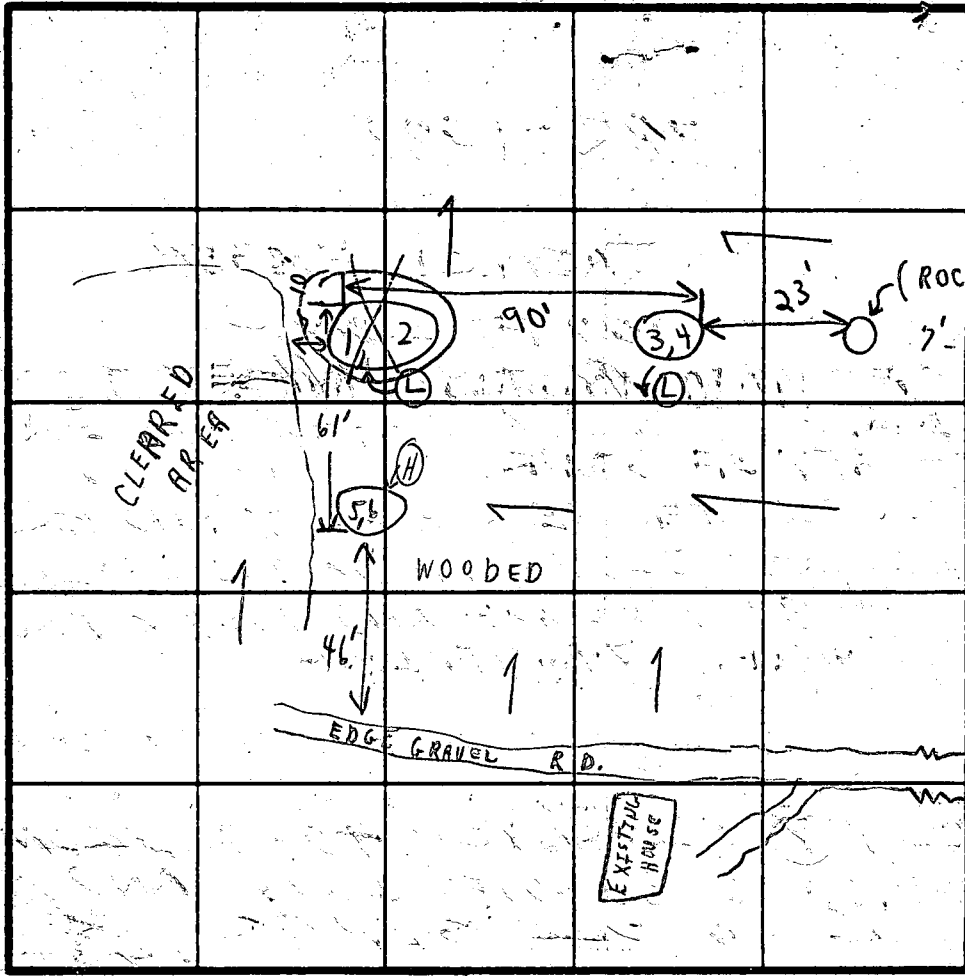
THIS IS NOT A PERMIT

#2
40 ± ACRES
SOIL PROFILE

SEE
EACH
HOLE
BELOW



FIELD SHEET



(ROCK + CLAY)
7' 7"
12 1/2' MASON
TOWER

RT. 99

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1' - 100" CLAY X X X X	5/9/81	①	3'	9:40	1:00	10:12	NO PERC	XXX
	↑	②	8'	9:44	1:00	10:14	1/2" PERC	XXX
1' - 50" CLAY 5' LOAM TO 10 1/2'		③	3'	9:56	1:00	10:26	LIT PERC	XXX
		4	7'	10:00	10:04	10:04	10:11	7m
1' - 7 1/2" CLAY 1 1/2' - 10 1/2' SANDY { MICA LOAM }		5	3'	10:18	10:22	10:22	10:29	7m
1' - CLAY		6	1'	9:59				
		6X	1'					

See back sheet page 2 5/15/81 RH

REMARKS: NOT TESTS IN OPEN, DIGGING MACHINE STUCK @ TIME OF TESTS, TREES IN AREA OF TESTS AROUND PERC. HOLD FOR FURTHER TESTS

TYPE OF SOIL: _____

TESTED BY: C.B. ✓ ALSO PRESENT: CHARLES LOWE + ASST.'S

EH-12-1079

10:30
Washed
on
Dug
to get samples

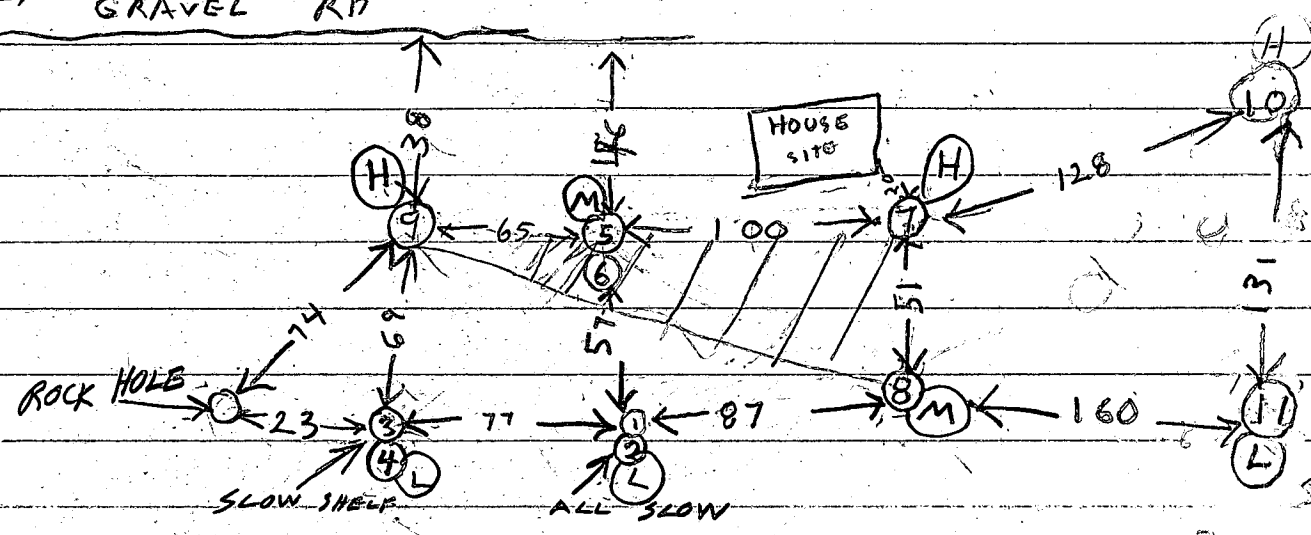
SMALLWOOD PROPERTY

Lot 2 BETHANY LANE

5/15/81	7S	3	959	1008	1006	1028	22	
	7D	7	959	1001	1001	1004	3	
	7V	11	ALL SANDY					
	8D	8	1010	1011	1011	1013	2	
	8S	3 1/2	1011	1013	1013	1016	3	
	8V	10	ALL SANDY					
	9D	8	1020	1022	1022	1028	6	
	9S	3 1/2	1020	1030	1030	1050	20	
	9V	10	ALL SANDY					

Test by B. Hodges & Jim Stays Also present Mr. Lowe

TO ROUTE 99 GRAVEL RD



SMALL WOOD PROP Route 99

5/18/81	10S	4	150	151	151	153	2	
5/18/81	10D	2 1/2	153	154	154	155	1	
	10V	9	ALL SAND					
	11S	3	200	205	205	217	12	
	11D	8	203	205	205	208	3	
	11V	13	ALL SAND					

5/18/81 HAD TO LEAVE. BACK HOLE GOT STUCK. WE WANTED TO DIG HOLE ⑩ DOWN TO 12 FT AND I DIG AN EXTRA 12 FT VISUAL HOLE IN CENTER OF PATTERN. C. LOWE DUG HOLES TO DAY R HODGES.

6/2/81 100' long trench 2' wide 9' deep with inlet to trench at 3' below original grade in area of high pore holes (roughly between holes 7 to 10) required for 3 B.R. home F.S.

31° 33' 34" W 636.80'

7 S 25° 33' 34" W 264.00'

8

S 43° 33' 34" W 330.00'

9

8TH OR S 32° W 24FS D/L 170/208

S 57° 33' 34" W 336.00'

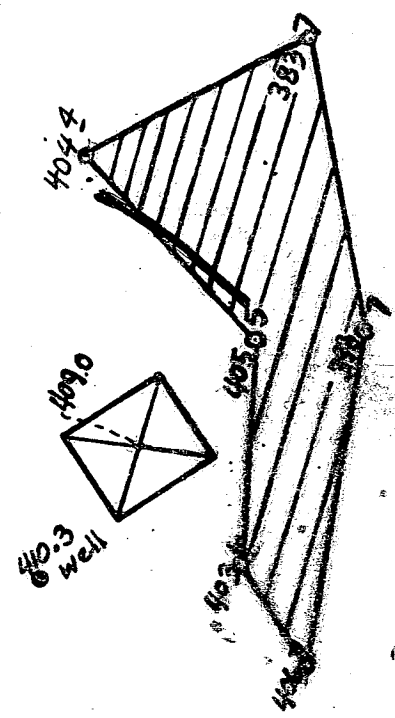
EX. FENCE CORNER

EX. FENCE

JANIS SMALLWOOD
804 / 126

LOT 2
40.477 AC.

PLATBOOK 4251



6/2/8!
well site
O.K. F.S.

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 2 10 02 AM '81
OFFICE OF
PUBLIC HEALTH

19

N 57° 24' 00" E
612.00'

612 351033

B 1 5599 SEQUENCE NO. WRA USE ONLY
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

WRA PERMIT NUMBER
40-73-3930
fill in this form completely

DATE RECEIVED 5-21-81
6/12/81 2 pm
Carr please return to G.S.
OWNER INFORMATION
SMAYLE W.O. 200
George W.
LAST NAME OWNER FIRST NAME
9514 Long View
Ellicott City, Maryland 21043
TOWN STATE ZIP

B 3 LOCATION OF WELL
COUNTY Howard
SUBDIVISION
SECTION LOT
NEAREST TOWN Ellicott City
MILES FROM TOWN (enter 0 if in town) 4

B 1 CONTINUED DRILLER INFORMATION
Dana Kyker, Jr. II 256
DRILLER'S NAME LICENSE NO. 80
Dana Kyker, Jr. II 19/81
SIGNATURE DATE

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD Rt. #99
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
1/2
34 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN)
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 390

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
Location ok
73' casing 1/2 above grid
67' open
28 bags cement
SK 6/12/81
X well
WRITE THE BOX NUMBER FROM THE MAP HERE
340
530

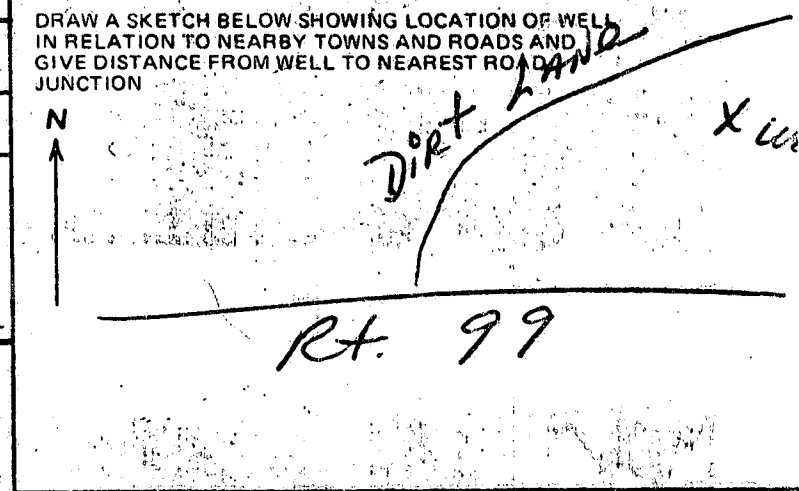
USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION).
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE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

APPROXIMATE DEPTH OF WELL 125 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH 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 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 (WRA USE ONLY)
APPROP. PERMIT NUMBER GAP
FORCE INITIALS IN BOX
WRITE INITIALS IN BOX
CONDITIONS
A E N S G W Q C L U



B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME COUNTY NO.
EHA SIGNATURE STATE HEALTH CIRCLE BOX
MO DAY YR
CO SIGNATURE DATE
NORTH EAST ELEV. (FT.)
GRID 50 55 GRID 57 63 68

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

Date Received **June 12, 1981** PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-73-3930**
 (WRA use only) DATE WELL COMPLETED **061281** Depth of Well **202** (TO NEAREST FOOT)

OWNER **Carr** last name **George W.** first name
 STREET OR RFD **9514 Long View** TOWN **Ellicott City, Md. 21043**
 SUBDIVISION **Smallwood Property** SECTION **1** LOT **2**

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	
Dirt & Red Clay	0	4	
Red Clay & Sand	4	8	
Brown Sand	8	39	X
Soft Brown Sandstone	39	50	X
Brown Sand	50	59	
Hard & Soft Brown Sandstone	59	62	
Hard Blue & Some Brown Sandstone	62	86	
Brown Sandstone	86	88	
Blue & Brown Sandstone	88	93	
Black Sandstone	93	112	
Brown "	112	115	X
Black & Brown Sandstone	115	148	
Brown Sandstone	148	150	X
Blue & Brown Sandstone	150	202	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **2R** NO. OF POUNDS **2632**
 GALLONS OF WATER _____
 DEPTH OF GROUT SEAL (to nearest foot) from _____ ft. to _____ ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
SI STEEL **CO** CONCRETE
PL PLASTIC **OT** OTHER
 MAIN CASING TYPE **S** Nominal diameter (of main casing) (nearest inch) **6** Total depth of main casing (nearest foot) **73**

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
ST STEEL **BR** BRASS **HO** OPEN HOLE
PL PLASTIC **OT** OTHER

DEPTH (nearest ft.) **73** **202**
SCREEN **HO** **73** **202**

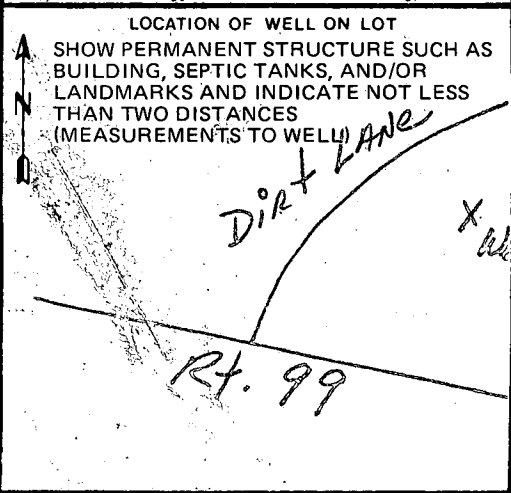
SLOT SIZE _____
 DIAMETER OF SCREEN _____ (NEAREST INCH)
 from _____ to _____

GRAVEL PACK _____
 IF WELL DRILLED WAS FLOWING WELL, CIRCLE BOX **F**

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) _____ W Q _____
 TELESCOPE CASING _____ LOG INDICATOR _____ OTHER DATA _____

C 3 (Seq. no.)
PUMPING TEST
 HOURS PUMPED (nearest hour) **4**
 PUMPING RATE (gal. per min. to nearest gal.) **5**
 METHOD USED TO MEASURE PUMPING RATE **Flowmeter**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **38**
 WHEN PUMPING **150**
 TYPE OF PUMP USED (for test) **A** air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

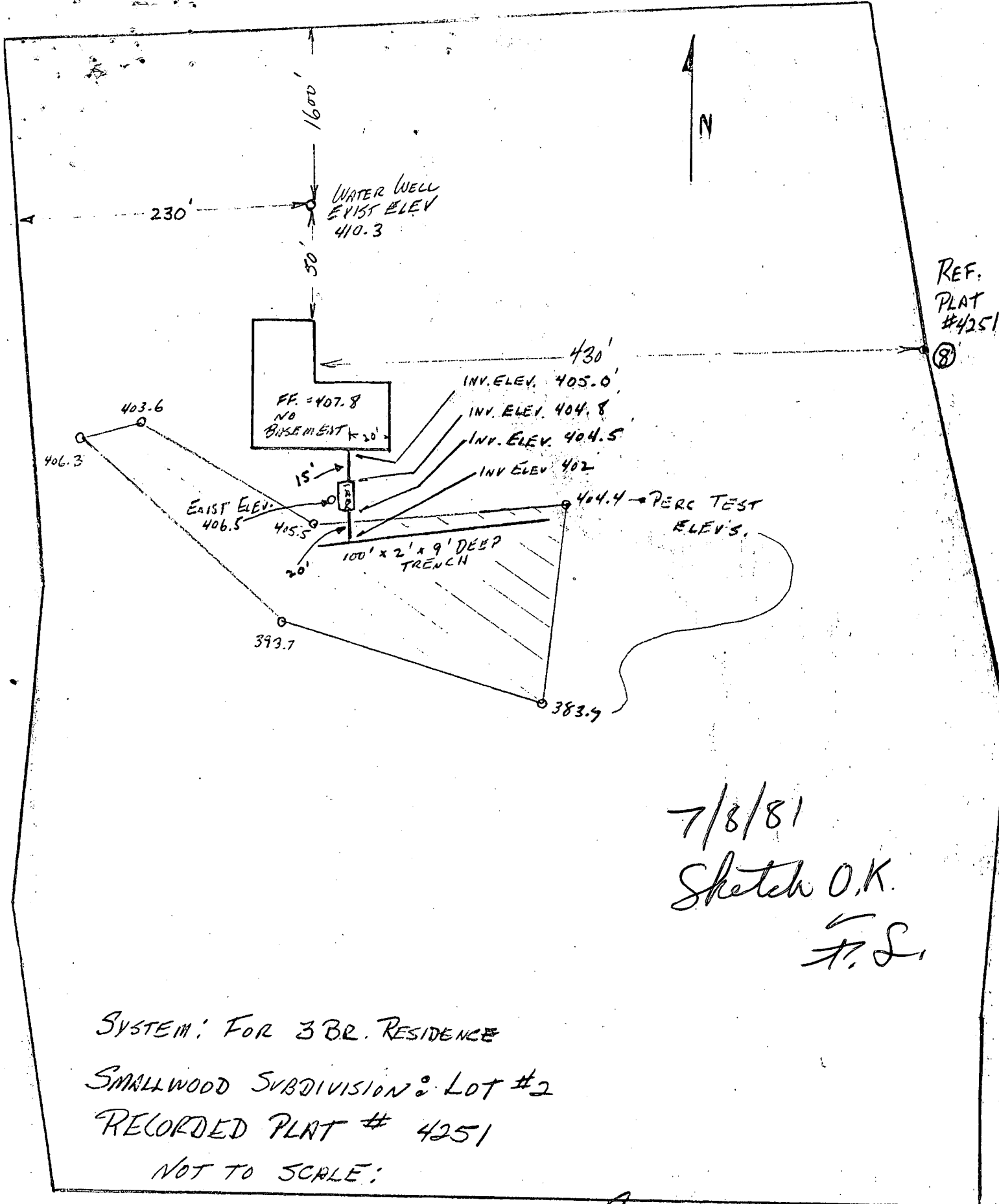
PUMP INSTALLED YES **Y** NO **N**
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) **Y** **N**
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) _____
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (nearest ft.) _____
CASING HEIGHT (circle appropriate box and enter casing height) **+** above **-** below
 LAND SURFACE **2** (nearest foot)



CIRCLE APPROPRIATE BOX
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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. **296**
 DRILLERS SIGNATURE **Ronald L. Kuber**
 (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)



7/8/81
Sketch O.K.
F.S.

SYSTEM: FOR 3 BR. RESIDENCE
SMALLWOOD SUBDIVISION: LOT #2
RECORDED PLAT # 4251
NOT TO SCALE:

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY.

SIGNED *Jerry W. Law* 6/30/81
owner