

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 35923

A 33182

*Approved
8/27/85
C. W. Allen*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

04-343328

ELLICOTT CITY

DISTRICT 4th

INDEXED

DATE 8/28/85

Arnold Septic Tank Service IS PERMITTED TO INSTALL ALTER

ADDRESS Jacobs Road, Mt. Airy, Maryland 21771 PHONE 795-7973

SUBDIVISION Wakefield Farm Estates ROAD 3340 Florence Road LOT 4

PROPERTY OWNER ~~H489-4992~~ - Kenneth Davidson Jay Stargel 854-6307

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 187 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 5 feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the trench 47 feet from back of house under construction and approximately 180 feet from the right lot line as seen when facing the lot from Florence Road. Run trench on level ground toward back of lot. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BLDG. PERMIT SIGNED
AND RETURNED 8/26/85
Serial # 36658
Enlow Construction

PLANS APPROVED BY Sid Abel DATE 8/26/85

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

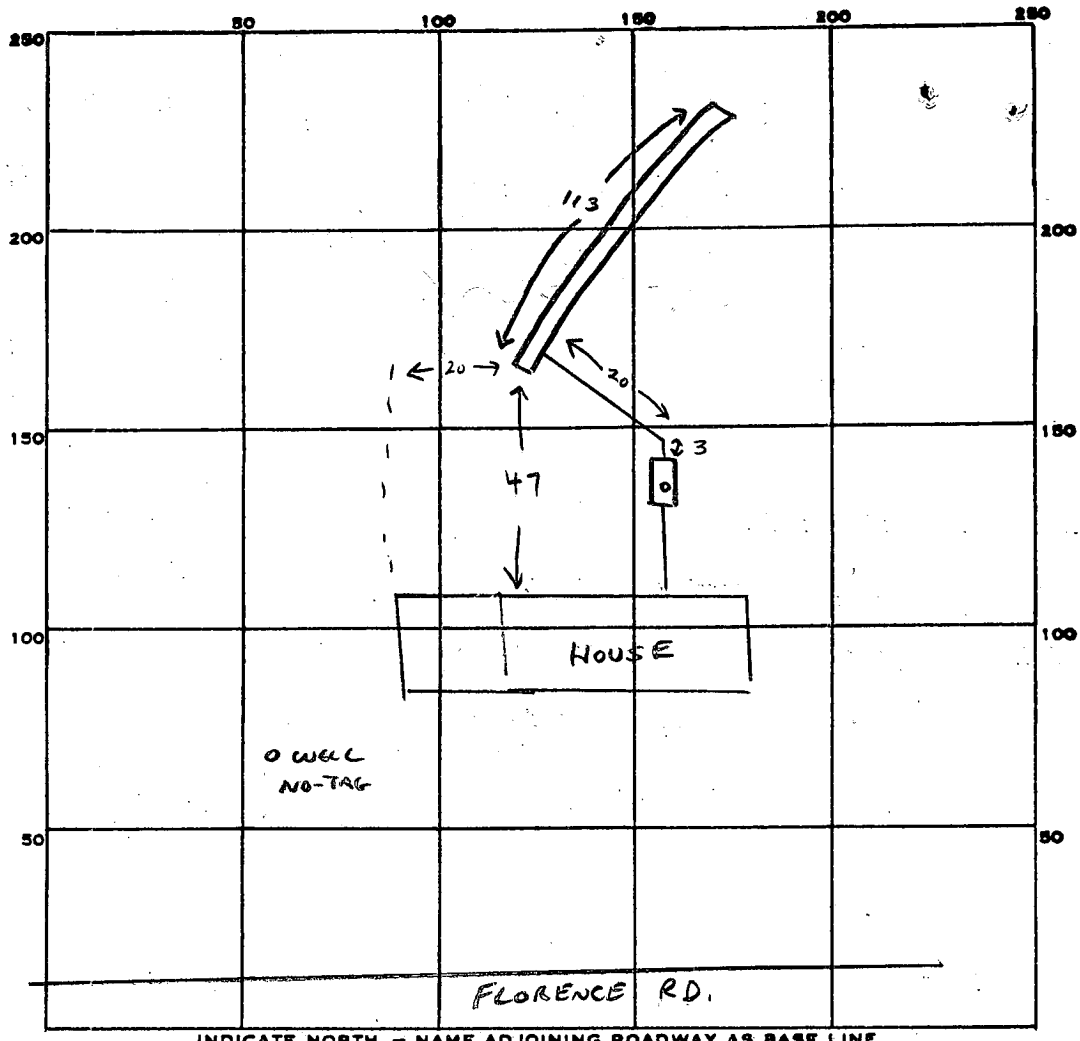
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

BLDG. PERMIT SIGNED
AND RETURNED 4/19/88
Serial # 17844

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

A 33182



PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 FT. TOTAL LENGTH 113 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 565

22
87
x3
351

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

ABSORBENT AREA 565 SQ. FT.

REMARKS 8/27/85 OK TO ADD GRAVEL. CW

8/27/85 OK TO COVER ALL WORK. CW

DATE SYSTEM APPROVED 8/27/85

INSPECTOR Craig Wilkin

APPLICATION

SEWAGE DISPOSAL TESTING

R3182

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 4th

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

DATE 8/20/85

8/22/85
8/21/85
Netest
9:30 AM
9:30

8/26/85
11:00 AM

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 Kenneth Davidson
627 Barnes Avenue
ADDRESS Westminster, MD 21157 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Wakefield Farm Estates LOT NO. 4

ROAD AND DESCRIPTION Florence Road

SIZE OF LOT 6.1 Acres TYPE BLDG. _____
(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/ C. Williams
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

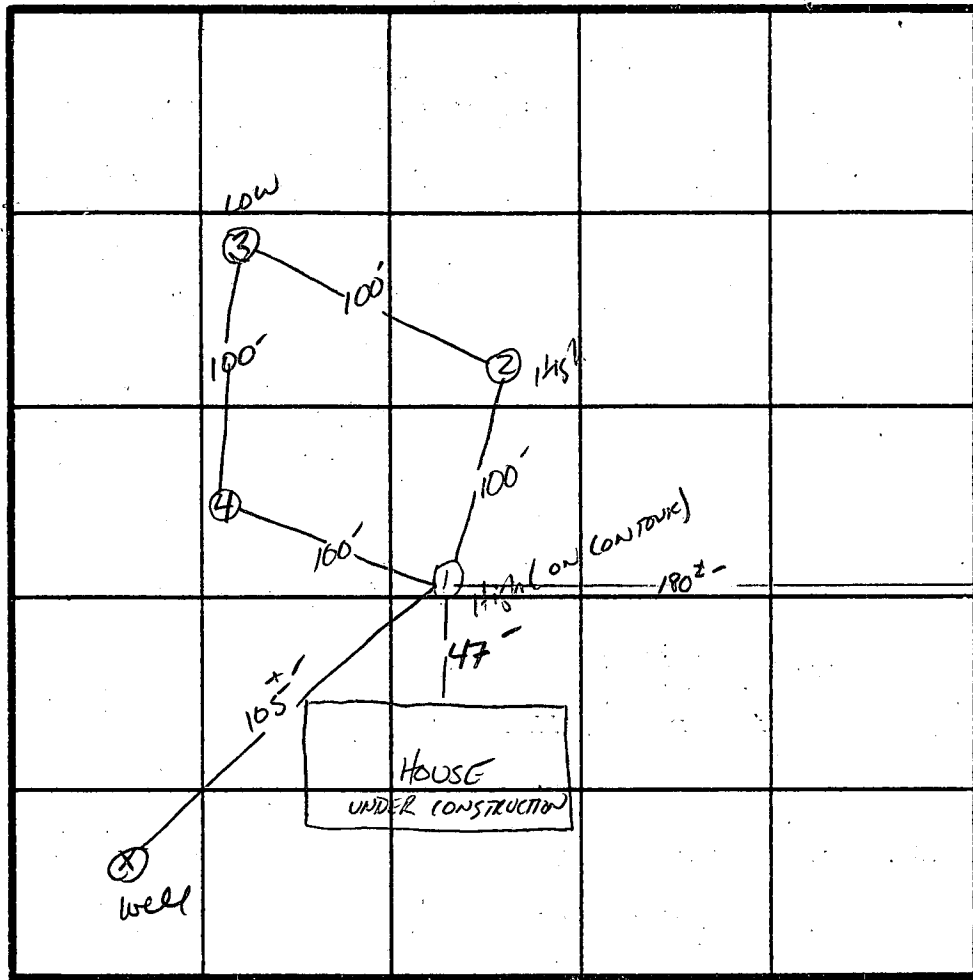
REASONS FOR REJECTION OR HOLDING 8-26-85 NEW 10K SEPTIC AREA ESTABLISHED BEHIND LOT; AREA SHOWN ON PLAT;

THIS IS NOT A PERMIT

①
SOIL PROFILE

9" AP
Yellow Br. CLAY Lm. <10% SAPROLITE

5' RED BROWN SAND Lm. <10% SAPROLITE



④
AP
RED BROWN CLAY Lm. <10% SAPROLITE

5' RED BROWN SAND Lm. <10% SAPROLITE

②
AP
Yellow RED CLAY Lm. <10% SAPROLITE

5' Yellow RED SAND Lm. <10% SAPROLITE

③
AP
Yellow Br CLAY LOAM <10% SAPROLITE

5' Yellow RED SAND LOAM <10% SAPROLITE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/24/85	1 S	3"	10:36	NO MOVEMENT				
	1 M (13)	8"	10:36	10:41	10:41	10:53	12min	
	1 S	4.5"	10:59	SLOW HOLE MAY MAKE 1" IN 30min KEEP INLET AT 5"				
	2 S	4"	11:04	11:15	11:15	11:37	22min	
	2 M (13)	8"	10:53	10:58	10:58	11:06	8min	
	3 S	4.5"	11:07	SLOW 30-35min - GOOD SOIL BELOW 5'				
	3 M (12)	8"	11:17	11:24	11:24	11:38	14min	
	4 S	4"	11:29	11:43	11:43	12:02	9min	
	4 M (14)	8"	11:38	11:43	11:43	11:50	7min	

REMARKS SYSTEM IN AT 5FT AND BOTTOM AT 10'

TYPE OF SOIL _____

TESTED BY S. Abel

ALSO PRESENT ARNOLD

EH-12-1079

$\frac{12}{6 \sqrt{2}} = \frac{12}{8.485} = 1.414$

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

M. B. 182
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE 9-29-83

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 A. G. WARFIELD ESTATE

ADDRESS 3300 FLORENCE ROAD PHONE 730-3456

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 4

ROAD AND DESCRIPTION FLORENCE RD. AT INTERSECTION OF ED WARFIELD ROAD

SIZE OF LOT 6.1 ACRES TYPE BLDG. _____ (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.

HR. Bilker

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

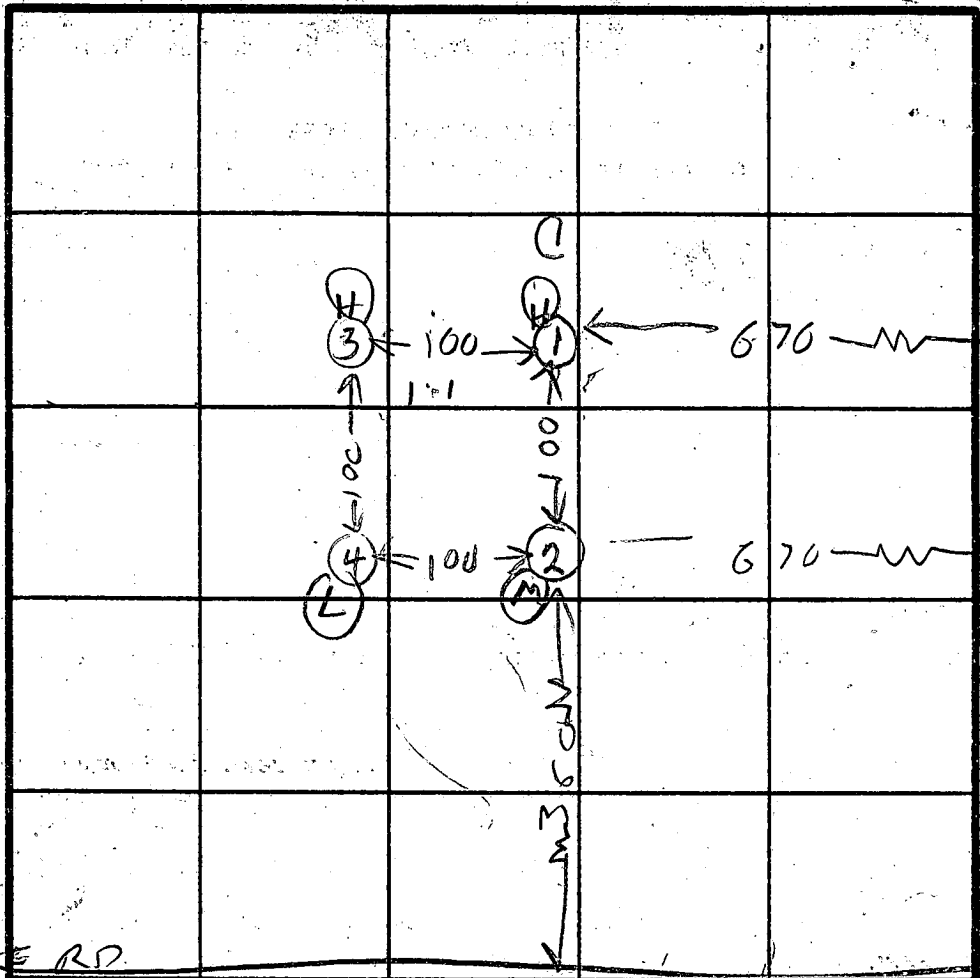
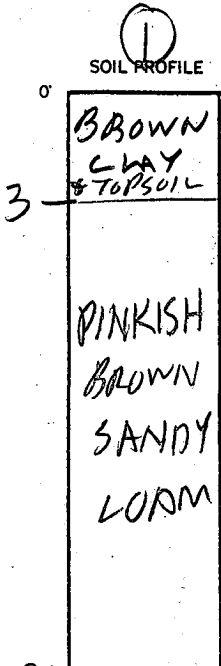
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

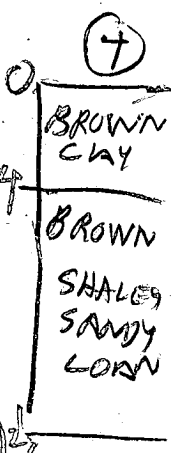
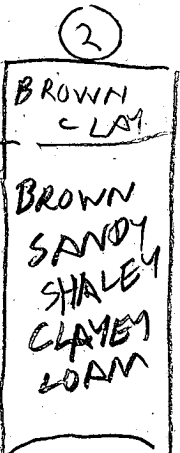
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

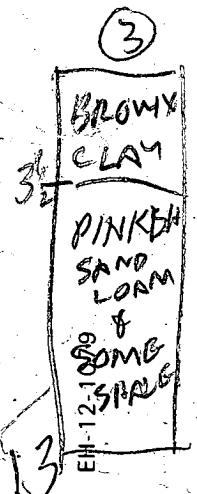
Lot 5



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 FLORENCE RD



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/6/3	1S	3 1/2	134	136	136	139	3
	1D	8	134	136	136	141	5
	1V	12	LOOKS OK				
	2S	5	146	150	150	155	5
	2D	8 1/2	146	206	206	228	22
	2V	10 1/2	LOOKS QUESTIONABLE			6	
	3S	4 1/2	208	211	211	217	6
	3D	8	208	209	209	212	3
	3V	13	LOOKS OK				
	4V	12 1/2	LOOKS OK				



REMARKS LAND ALMOST LEVEL IN VICINITY OF PERC HOLES

TYPE OF SOIL
 TESTED BY R HODGES

ALSO PRESENT JOHN FROCK SKIP MEN D. BITNER REAL ESTATES

FLORENCE

ROAD

LAND DEDICATED TO A PUBLIC ROAD
COUNTY, MARYLAND FOR THE
PURPOSE OF A PUBLIC ROAD
(PLAT NO. 5694)

878.10'

543' 55" 14" E

7

572.4'

1

VEHICULAR INGRESS
AND EGRESS IS
RESTRICTED

N 43° 41' 41" W

474.00'

well

INGRESS

AND EGRESS

IS RESTRICTED

669.89

395.89

20'

41.02'

well site of
4/18/85 JS

BUILDING

LOT 2
WAKEFIELD
FARM ESTATES
PLAT No. 5694

LOT 4
0.022 Ac. ±

LOT 5
0.474 Ac. ±

N 30° 00' 10" E
645.69'

RESTRICTION

N 60° 15' 00" W
550.00'

30'

1955.07'

N 50° 15' 00" E

N 33° 42' 37" W

300.00'

N 20° 30' 00" W
571.30'

S 10° 00' 00" W
151.00'

6

THIA W. DUNIGAN

B 1 **3313** SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER
40-81-0782
 fill in this form completely

Date Received **4/26/85**
 OWNER INFORMATION
 DAVE DODSON KENNETH L.
 627 BARNES AVE
 WESTERMUNSTER PA 21157

B 3 LOCATION OF WELL
 HOWARD
 WAKEFIELD
 FLORENCE
 MILES FROM TOWN (enter 0 if in town) **3** MI

DRILLER INFORMATION
 T. M. MAYNE
 9120 Brown Church Rd. Mt. Airy MD
 T. M. Mayne 4/11/85

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 FLORENCE Rd.
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **50** FT or MI

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
 DATE ISSUED **04/18/85**
 NORTH GRID **532000** EAST GRID **0775000**

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)

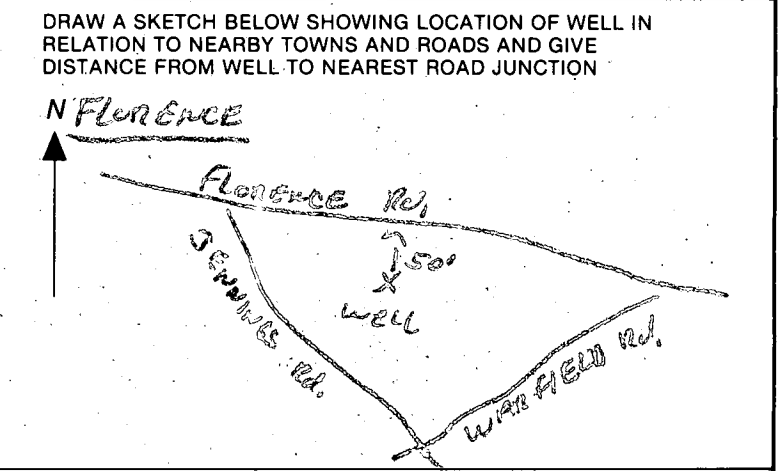
APPROXIMATE DEPTH OF WELL **150** FEET

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 **770 5**
 N **530 2**

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
 other _____

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **JS** INITIALS PERMIT No. **40-81-0782**

SPECIAL CONDITIONS

FLORENCE

COUNTY, MARYLAND FOR THE
PURPOSE OF A PUBLIC ROAD
(PLAT NO. 5654)

ROAD

7

1

543' 55" 14" E

678.10'

570.4'

230'

N 43° 41' 41" W

474.00'

VEHICULAR INGRESS

869.89

393.89

AND EGRESS IS RESTRICTED

75'

85'

190'

HOUSE
38 X 61

47' • WELL ELEV. 100'
F. FLOOR ELEV. 105'
BASE ELEV. 96'
House Sewer Elev. 94'

Septic tank inlet elev. 93' 2"

1000 gallon
Septic Tank

Tank outlet 92' 8"

BUILDING

30'

N 30° 08' 10" E

cleanout

cleanout

LOT 4
6.022 AC. ±

EX. ELEV. 92'

Trench inlet elev. 89'

113' long trench

RESTRICTION

KENNETH E.
& JUDITH A. DAVIDSON
3340 FLORENCE ROAD
WOODRINE, MD.

Kenneth E. Davidson
5-13-85

LOT 2
WAKEFIELD
FARM ESTATES
PLAT NO. 5654

LOT 5
9.474 AC. ±

550.00'

30' 30'

550' 15" 00" W

571' 30" 00" W
5' 10" 00" N
5' 10" 00" W

6

N 30° 42' 37" W

300.00'

30'

1955.07'
N 60° 15' 00" E

HIA W. DUNIGAN

*Bud Arnold
to install septic system*

