

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 9/08/88

DATE SYSTEM APPROVED 11-18-88

INSPECTOR JEN

04-343514

P 42538

A 31538

11/10/88
AM
11/18/88 AM

Edmond H. Rhodes, Jr.

IS PERMITTED TO INSTALL ALTER

ADDRESS 28235 Kemptown Road, Damascus, MD 20872 PHONE 253-3303

SUBDIVISION Florence Estates ROAD 2075 Florence Road LOT 12

PROPERTY OWNER Ken Rhodes

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

3180
3 | 720
240 ft trench

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 1 1/2 feet of stone below distribution pipe.

LOCATION - Place distribution box 125 feet from the left lot line and 280 feet from the front lot line as seen when facing the property from Florence Road. Run trenches along contour toward right side of property.

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

PLANS APPROVED BY C. Williams DATE 11/21/86

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.

BUILDING PERMIT SIGNED

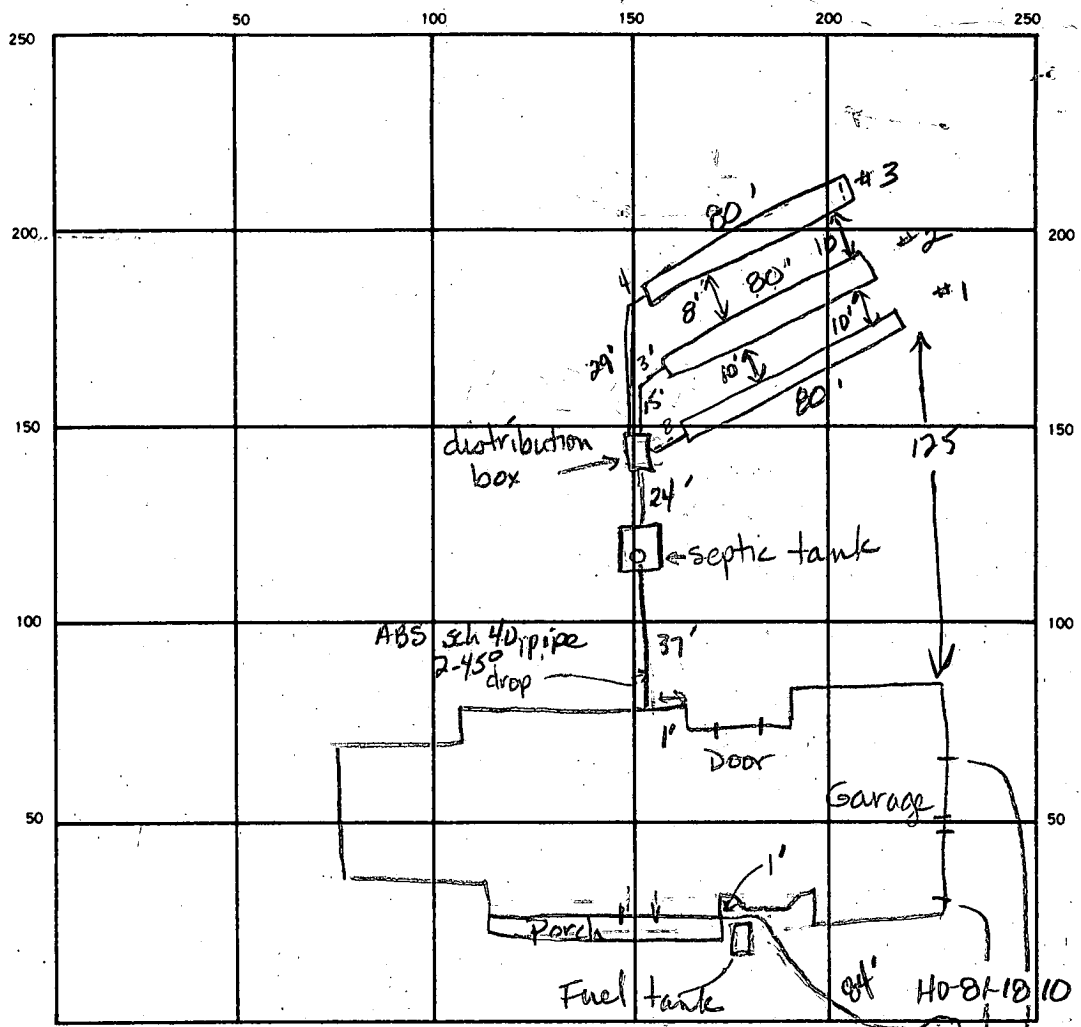
AND RETURNED 4/4/02
B0013592-GARAGE

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 31528



52
24
20 B
104

SEPTIC TANK. LEVEL 1250 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX. LEVEL OK (needs baffle) has baffle

DRAIN FIELD TILE FIELD. DEPTH 5' 5' 5' FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 3 3 FT.

EFFECTIVE GRAVEL DEPTH 2 2 2 FT. TOTAL LENGTH 80 80 80 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 240 240 240 SQ. FT.

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

ABSORBENT AREA 720 SQ. FT.

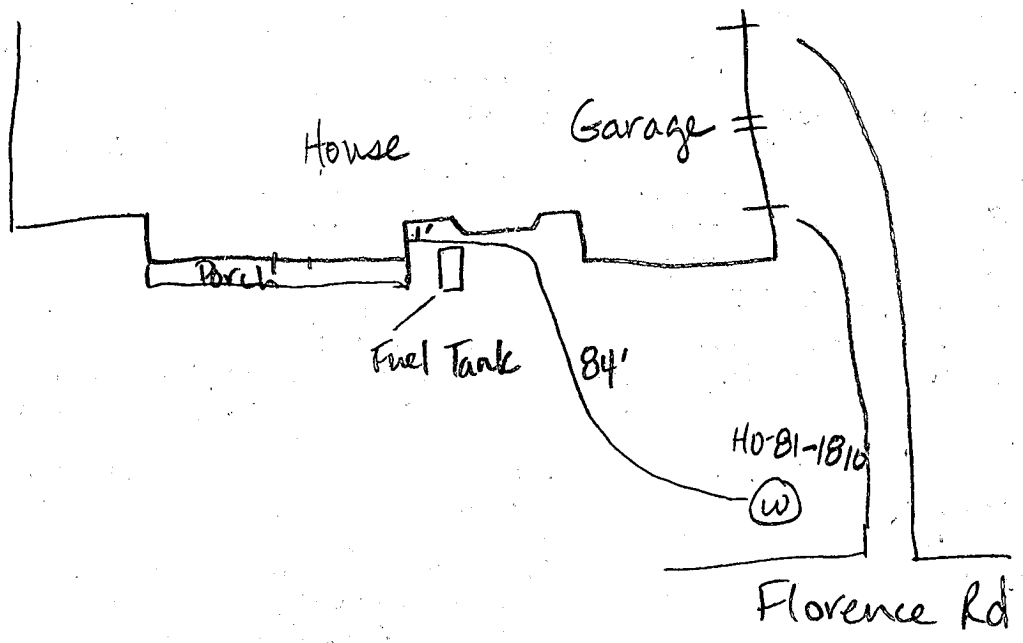
REMARKS 11-10-88 Extend trench # 2 to 80 ft. OK to add stone to all trenches. Add cleanout to septic tank and a baffle to the distribution box. JEN
OK to cover all work. JEN

DATE SYSTEM APPROVED 11-18-88 INSPECTOR Jane E. Madean

ft
35
0
4
0
48
84

11-10-88

Pitless adaptor at 50 inches. Well line at inches in trench. Plastic casing - no ground, House connection ok. Electric in trench but not connected yet. Fuel tank w/in 3 ft of line as it enters house at same elevation as top of tank. OK to cover, JEN Wadean



C1 3751 SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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-31528

DATE Received [] [] [] [] [] [] DATE WELL COMPLETED 121786 Depth of Well 205 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1810

OWNER RHODES EDWARD last name first name TOWN FLORENCE
 STREET OR RFD FLORENCE RD. SUBDIVISION FLORENCE ESTATES SECTION _____ LOT 12

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	
Top Soil	0	2	
Brown Shale	2	60	✓
Brown Slate	60	65	
Blue Slate	65	90	
Brown Slate	90	95	✓
Blue Slate	95	205	

GROUTING RECORD
 WELL HAS BEEN GROUTED YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 15 NO. OF POUNDS 1500
 GALLONS OF WATER 90
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 50 ft.

CASING RECORD
 MAIN CASING TYPE PLASTIC STEEL CONCRETE
 Nominal diameter top (main) casing (nearest inch) 6
 Total depth of main casing (nearest foot) 205

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

SCREEN RECORD
 screen type or open hole OPEN HOLE STEEL BRASS BRONZE PLASTIC OTHER

DEPTH (nearest ft.)
 1 40 68 205
 2 _____
 3 _____

CIRCLE APPROPRIATE LETTER
 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 273
 DRILLERS SIGNATURE Ralph E. Morgan
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 _____ 2 _____ 3 _____
 DIAMETER OF SCREEN _____ (NEAREST INCH)

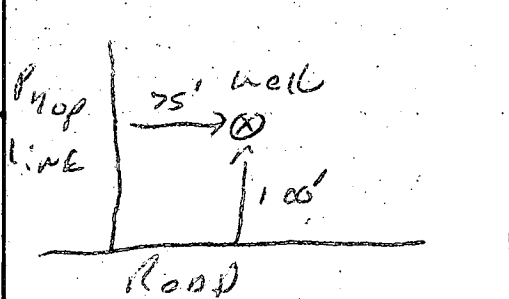
GRAVEL PACK _____ from _____ to _____
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 10
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface) BEFORE PUMPING 40 WHEN PUMPING 65
 TYPE OF PUMP USED (for test) air piston turbine centrifugal rotary other jet submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: _____
 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 _____ (nearest foot)

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)



PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 3/538

P _____

DISTRICT 4th

DATE 8/4/81

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 Hubert E. Snapp, Inc.

ADDRESS 25641 Ridge Road, Damascus, Maryland 20750 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Florence Estates LOT NO. 12

ROAD AND DESCRIPTION Florence Road

SIZE OF LOT 3 acres more or less TYPE BLDG. 3 or 4 bedrooms
(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/ Hubert E. Snapp

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

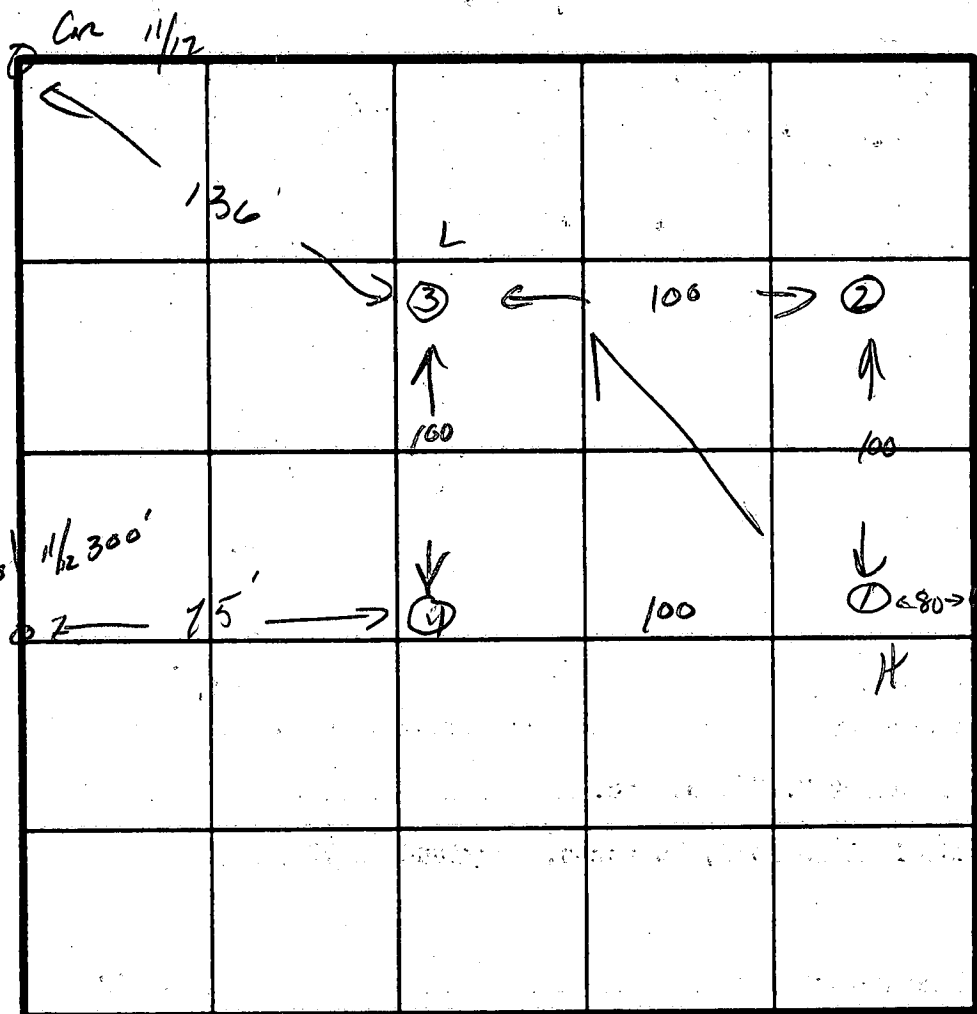
REJECTED BY _____ FOR _____ DATE _____

HOLD-PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

#12



02/34
SOIL PROFILE

3
Clay
Mouldy
Loam
w/
w shale

7-8'
loam
+
w. shale
K0/50

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

FLORENCE Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/14/81	1	S 3/2	1:49	1:50	1:50	1:53	3
		m 7	1:42	1:52	1:52	2:12	20
		D 11 1/2					
	2	S 3 1/2	1:45	1:48	1:48	1:53	5
		m 8	1:46	1:58	1:58	2:20	22
		D 11 1/2					
	3	S 3 1/2	2:02	2:09	2:09	2:24	15
		m 3 1/2	2:02	2:07	2:07	2:15	8
		D 11					
	4	S 3 1/2	2:18	2:20	2:20	2:24	4
		m 8	2:18	2:30		2:55	25
		D 11 1/2					

13 min. avg. inlet 3 1/2'

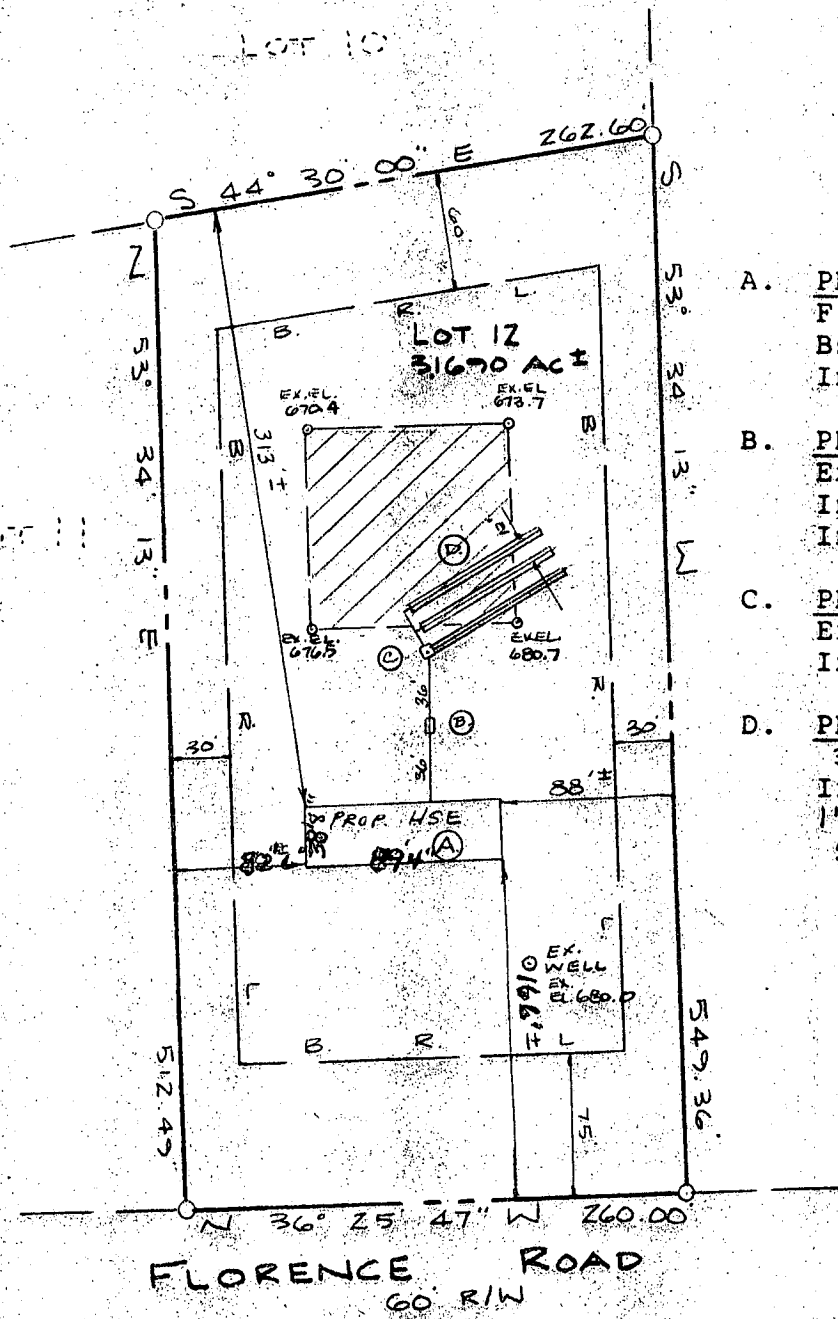
DRAW FIELDS

REMARKS open field some lost stakes

TYPE OF SOIL

TESTED BY SK 9/14/81 ALSO PRESENT siek's

EH-12-1079



- A. PROPOSED HOUSE (NO BSMT. FACILITIES)
 F.F. El. = 683.0 ✓
 Bsmt. El. = 674.5 ✓
 Inv. Out = 677.04 ✓ (BSMT)
- B. PROPOSED SEPTIC TANK
 Ex. El. = 681.25 ✓
 Inv. In = 677.27 ✓
 Inv. Out = 677.07 ✓
- C. PROP. DISTRIBUTION BOX
 Ex. El. = 680.0 ✓
 Inv. In = 676.07 ✓
- D. PROPOSED TRENCHES
 3 @ 80' (length) ✓
 Inv. El. = 676.5 ✓
 1 1/2' of stone ✓
 5' bottom max. ✓

6/8/88
 elevations
 ok SM

BLDG. PERMIT SIGNED
 AND RETURNED 6/8/88
 Sab
 BP 19087

PLOT PLAN
 LOT 12, SECTION 2
 FLORENCE ESTATES
 2075 FLORENCE ROAD
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE 1" = 100' MAY 1988



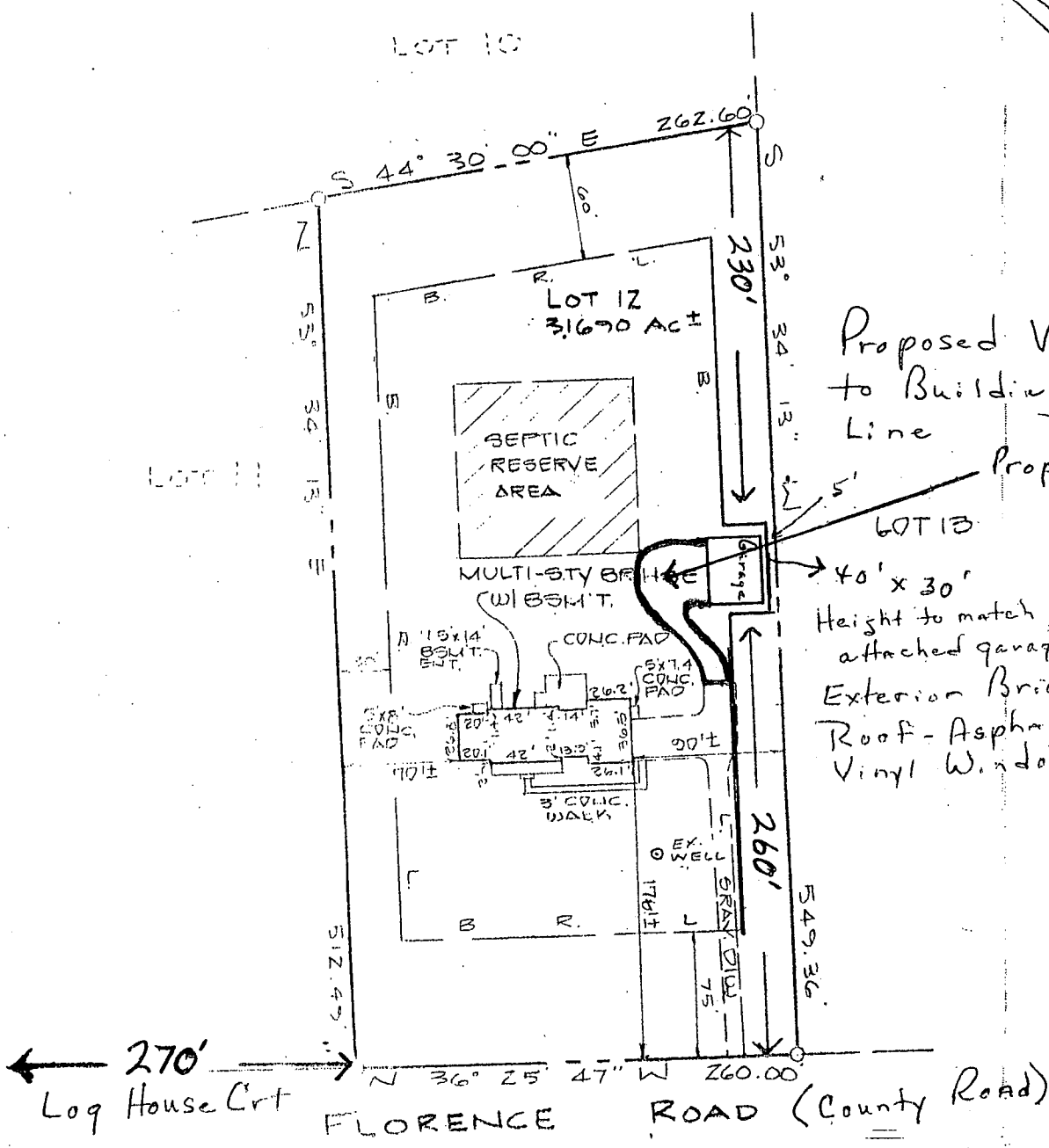
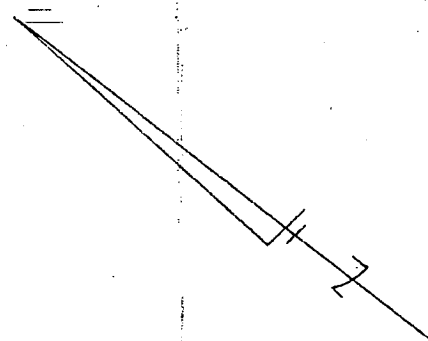
I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.



VANMAR ASSOCIATES INC.
 Engineers • Surveyors • Planners
 310 South Main Street, Mount Airy, Maryland 21771
 (301) 829-2890 (301) 831-5015

REFERENCE	JOB NO.
PLAT No. 5899	88-1821

LOT 10



Proposed Variance
to Building Restriction
Line

Proposed Driveway
Extension

LOT 13

40' x 30'

Height to match existing
attached garage

Exterior Brick

Roof - Asphalt Shingles

Vinyl Windows

BA 02-05V
2/27/02
No Objection
John

Petitioner - Kenneth Rhodes
HOUSE LOCATION SURVEY
LOT 12, SECTION 2
FLORENCE ESTATES
2075 FLORENCE ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
Residential Zoning
SCALE = 1" = 100' NOV. 1991
Parcel # 12



11-7-91

Note: Property is not located within a flood hazard area, according to National Flood Insurance Program, Flood Insurance Rate Map, Community Panel Number 240044 0012B, Map Revised December 4, 1986.

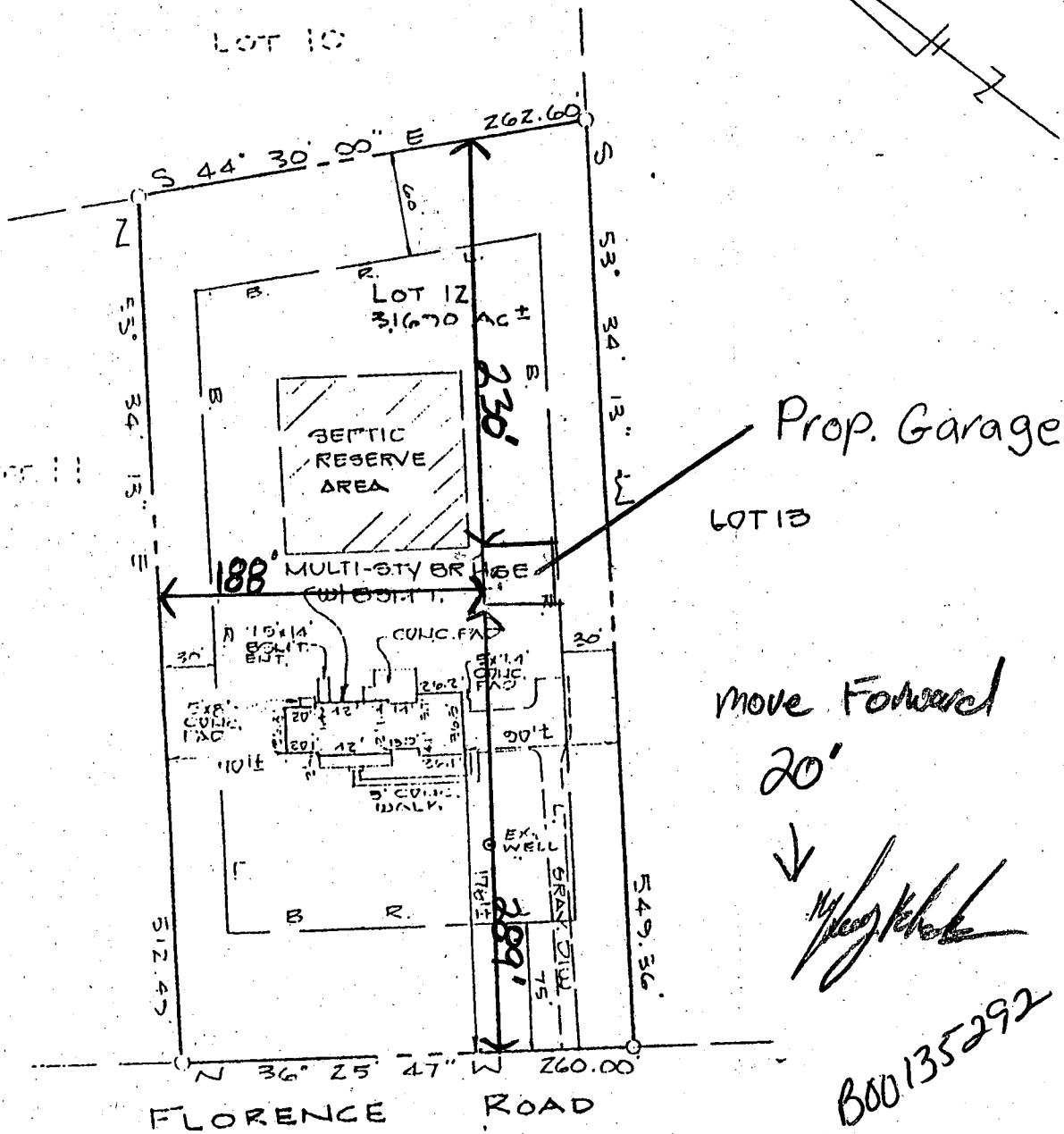
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310 South Main Street, Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015

REFERENCE	JOB NO.
PLAT No. 5800	38-1371

N11014



HOUSE LOCATION SURVEY
LOT 12, SECTION 2

FLORENCE ESTATES
2075 FLORENCE ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE 1" = 100' NOV 1991

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11-7-91

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REFERENCE	JOB NO.
PLAT No. 5300	32-122



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