

3/1/80  
3/19/80

01-338731

approved 3/19/80  
f. Stager

# PERMIT

P 30516  
A 25076

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

## INDEXED

DISTRICT 4th  
DATE 1/31/80

(Steven Smith - works for  
Robert L. Orndorff

IS PERMITTED TO INSTALL  ALTER

ADDRESS 13938 Highland Road, Clarksville, Md. 21029 PHONE 596-9394

SUBDIVISION Justifiable ROAD 14964 Route 144 LOT 10

PROPERTY OWNER Michael L. Smith

ADDRESS 5796 Waterloo Road, Ellicott City, Md.

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

The system will contain no less than 190 sq. ft. of absorbent sidewall area per bedroom measured along one side of the trench. Begin the trenches 250 ft. from the back line which is 528.00 ft. long and 25 ft. from the sideline which is 496.92 ft. long. The trenches will follow the contour of the land and will be constructed 2 ft. wide, 9 ft. deep and contain 4½ ft. of stone. The trenches will be spaced 15 ft. apart, center-to-center. NO TRENCH WILL EXCEED 100 FEET IN LENGTH. CALL FOR INSPECTION OF TRENCH BEFORE ADDING STONE.

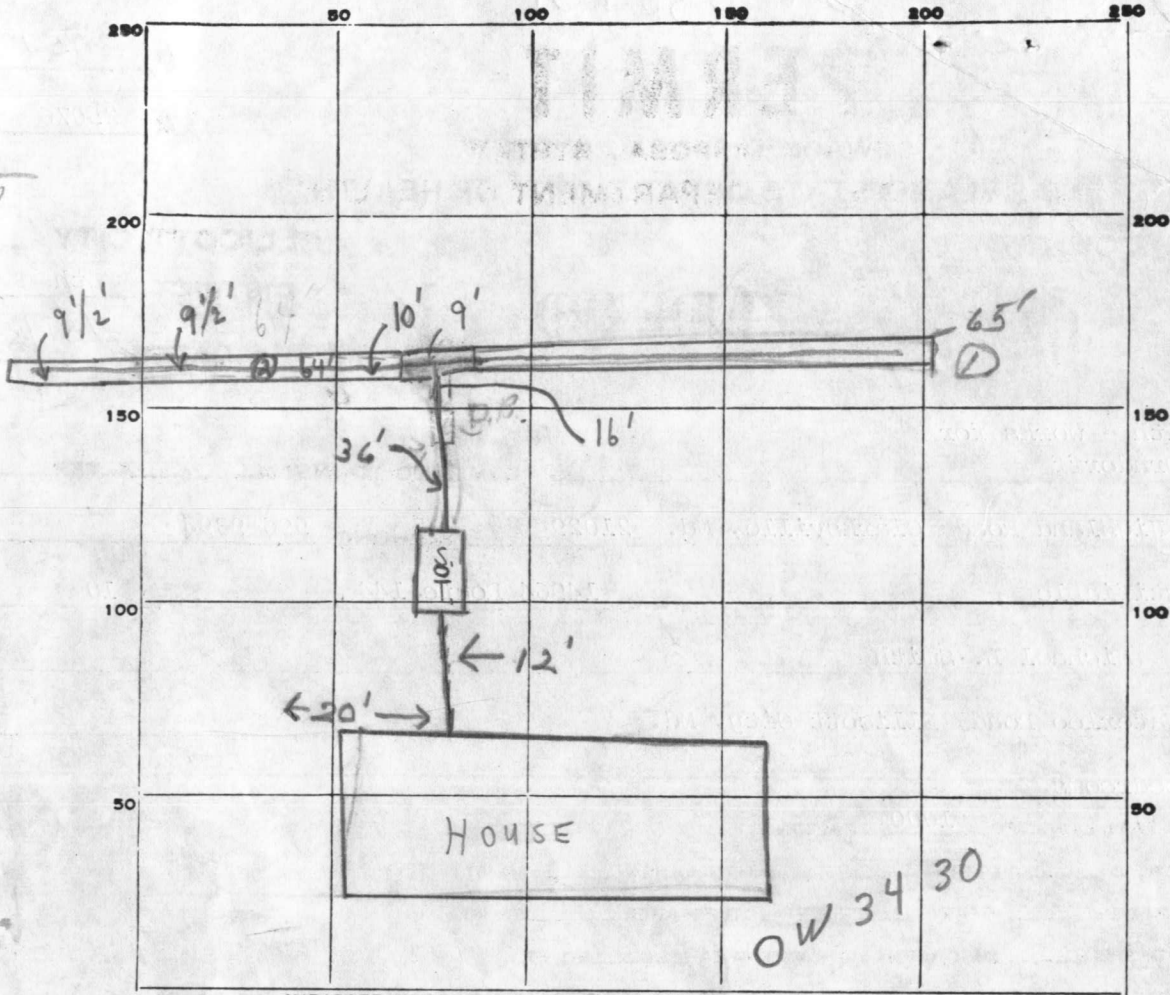
PLANS APPROVED BY Raymond Hodges DATE 1/9/78

- 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 TERRAZO ACCEPTED.

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

A 25076

190  
3  
570



PERMIT CARD

S.T.

SEPTIC TANK, LEVEL

CLEANOUTS

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

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

GRAVEL DEPTH ① 6 IN. TOTAL LENGTH ① 65 FT.

390  
384

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 774

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 774 SQ. FT.

REMARKS 3/11/80 OK to add gravel to #1 trench. J.

3/12/80 - per phone - DM says OK to use tee & go opposite direction with trench. No D.B. J. 3/12/80 CHECKED - OK TO COVER FROM

HOUSE TO DIST. BOX ONLY - NO TRENCH READY @ 12:00 3/12/80

P.M. TRENCH OK FOR STONE ONLY. C.B.D. 3/19/80 No dist. box used, C.B.D.

OK to cover all work. J.

DATE SYSTEM APPROVED

3/19/80

INSPECTOR

J. Stayer

# APPLICATION

A 25076

## SEWAGE DISPOSAL TESTING

P. \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4th

DATE 12/28/76

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 Gladys McDermott Michael J. Smith

ADDRESS Old Frederick Road Cooksville, Maryland PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Justifiable LOT NO. X

ROAD AND DESCRIPTION 14964 Route 144

Dot Grandoth - Installer

SIZE OF LOT 3 acre TYPE BLDG. 3 NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT H. Thomas Jones - 747-1283  
Fairground Assoc.

APPROVED BY Raymond Hodger FOR Ditch DATE 1/9/78  
(KIND OF SYSTEM)

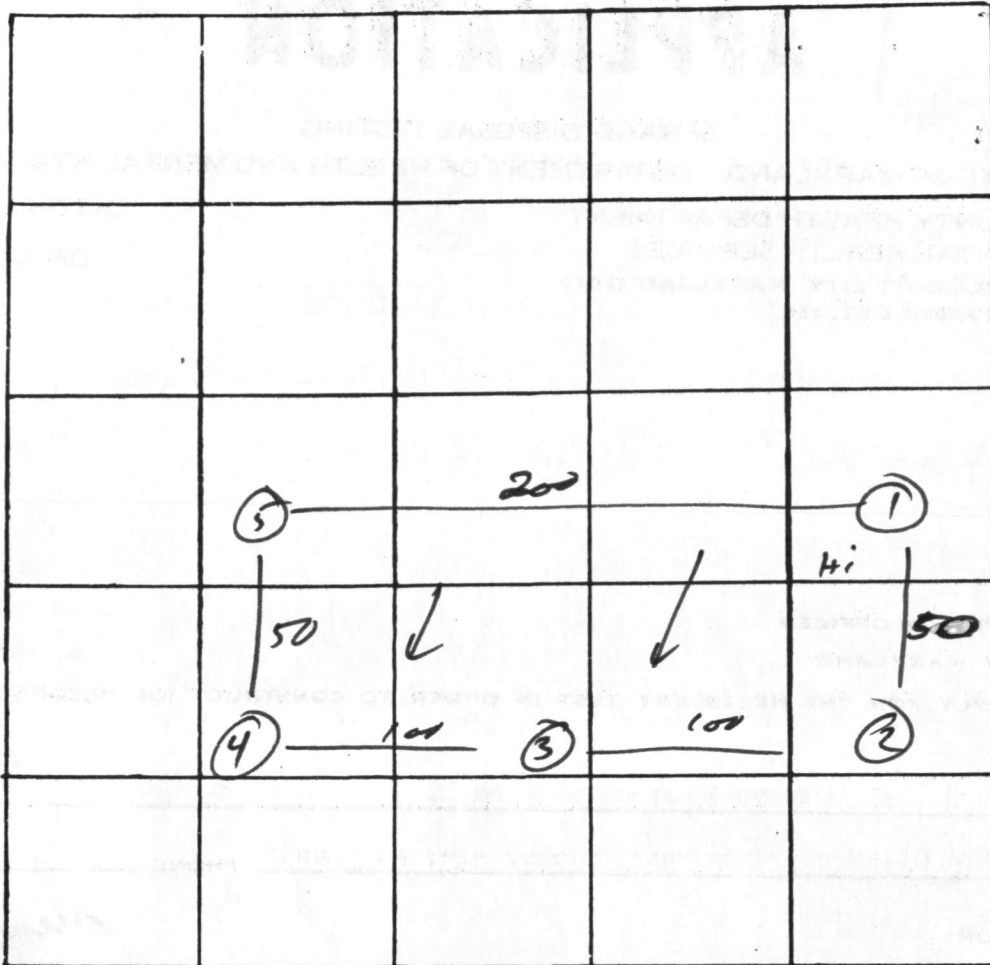
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 1/9/78 Final Plat signed 10/18/77

BLDG. PERMIT SIGNED  
AND RETURNED 10/19/79  
serial # 41444

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12 May 77	1	4 1/2	3 11	319	319	332	12
		13		320	320	335	15
	2	5	3 15	319	319	324	5
		13		328	328	353	25
	3	13	vis		Sandy		
	4	4 1/2	2 51	2 52	2 52	3 02	10
		13		3 21	3 21	3 22	19
	5	13	vis		Sandy		

REMARKS \_\_\_\_\_

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

TESTED BY MA ALSO PRESENT: \_\_\_\_\_

C 1 **4035** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLET

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER **19 25 076**

DATE RECEIVED (WRA USE ONLY) **Sept 19, 1979** DEPTH OF WELL **185** PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO-73-3430**

DATE WELL COMPLETED **15** (TO NEAREST FOOT) **26** **28 29 30 31 32 33 34 35 36 37**

8-13 **15** **20** DRILLERS IDENTIFICATION NO. **273**

OWNER **Smith** LAST NAME **Michael** FIRST NAME **L**

STREET OR RFD **5796 Waterloo Rd.** POST OFFICE **Ellcott City Md.**

**WELL LOG**

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top Soil	0	2	
Sandy	2	89	<input checked="" type="checkbox"/>
Sand Stone	89	93	
Micka	93	100	
Sand Stone	100	110	<input checked="" type="checkbox"/>
Micka	110	185	

**GROUTING RECORD** YES  NO

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) **Y** **N**

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS **49** NO. OF POUNDS **4900**

GALLONS OF WATER **294**

DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM **0** FT. TO **72** FT. (ENTER 0 IF FROM SURFACE)

**CASING RECORD**

CASING TYPES INSERT APPROPRIATE CODE BELOW

**ST** STEEL **CO** CONCRETE **PL** PLASTIC **OT** OTHER

MAIN CASING TYPE **ST** NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6** TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **100**

**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 OR BRONZE **HO** OPEN HOLE **PL** PLASTIC **OT** OTHER

**DEPTH (NEAREST WHOLE FOOT)**

FROM **98** TO **185**

1 **HO** 8 9 11 15 17 21

2 23 24 26 30 32 36

3 38 39 41 45 47 51

SLOT SIZE 1. 2. 3.

DIAMETER OF SCREEN **56** (NEAREST INCH) FROM **60** TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX **F**

**WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)**

TELESCOPE CASING **70** LOG INDICATOR **72** OTHER DATA AVAILABLE **74 75 76**

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) **3**

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **50**

METHOD USED TO MEASURE PUMPING RATE **Bucket**

WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING **30** (NEAREST FOOT) 17 20

WHEN PUMPING **185** (NEAREST FOOT) 22 25

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST) **A** AIR **P** PISTON **T** TURBINE **C** CENTRIFUGAL **R** ROTARY **O** OTHER (DESCRIBE BELOW) **J** JET **S** SUBMERSIBLE

**PUMP INSTALLED**

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) **29**

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES  NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) **31** **35**

PUMP HORSE POWER **37** **41**

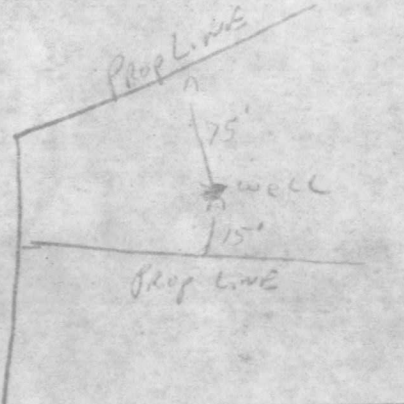
PUMP COLUMN LENGTH (NEAREST FOOT) **43** **47**

**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

**+** ABOVE **-** BELOW LAND SURFACE (NEAREST FOOT) **2**

**LOCATION OF WELL ON LOT**

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



**CIRCLE APPROPRIATE BOXES**

**A** A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

**E** ELECTRIC LOG OBTAINED

**P** TEST WELL CONVERTED TO PRODUCTION WELL

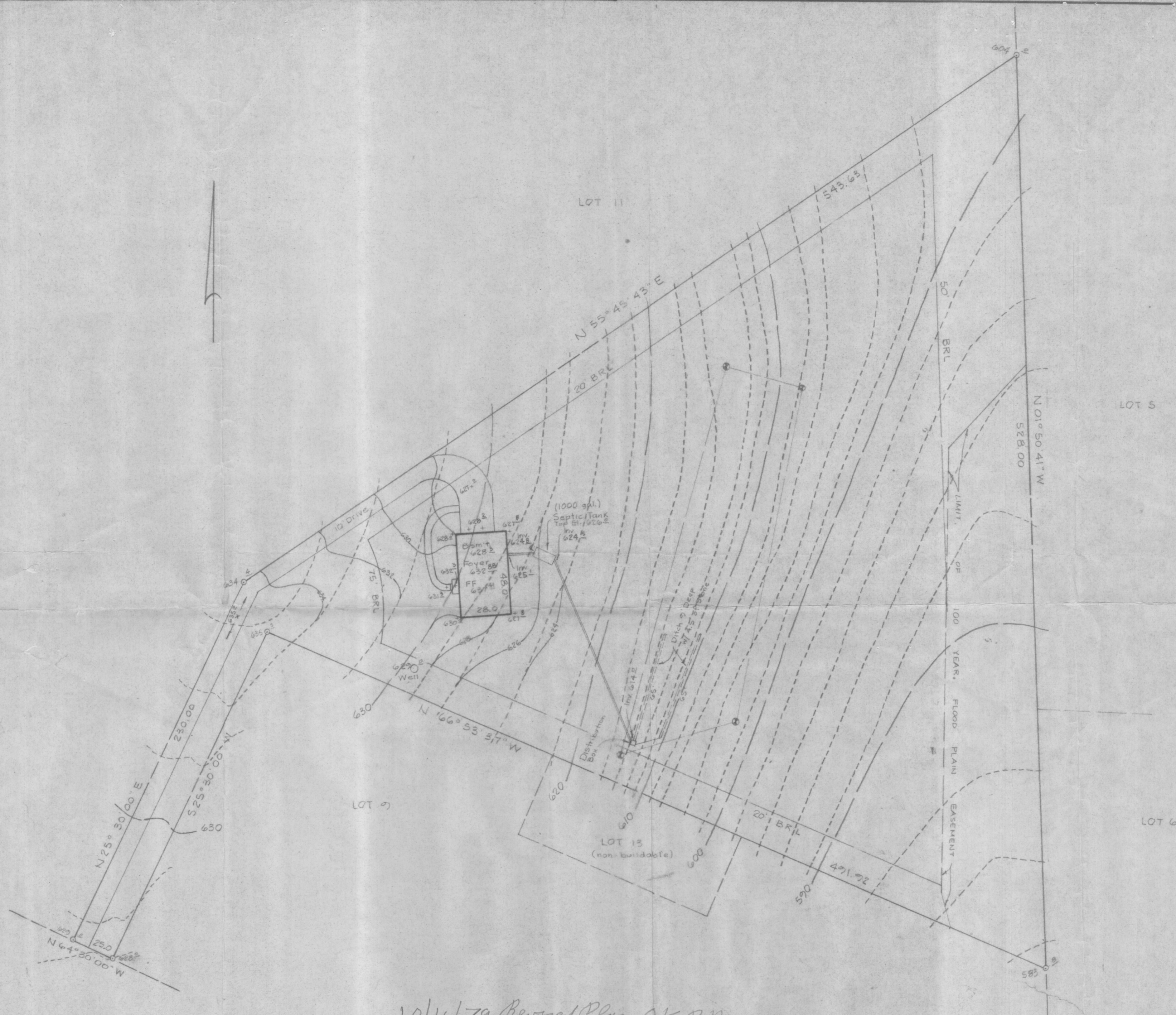
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME **Ralph Mayne**

(PLEASE PRINT) **Ralph Mayne**

SIGNATURE **Ralph Mayne**





10/16/79 Revised Plans OK RA

I certify that the above measurements and elevations are actual and correct for this property.

H.E. Veendaal  
H.E. Veendaal

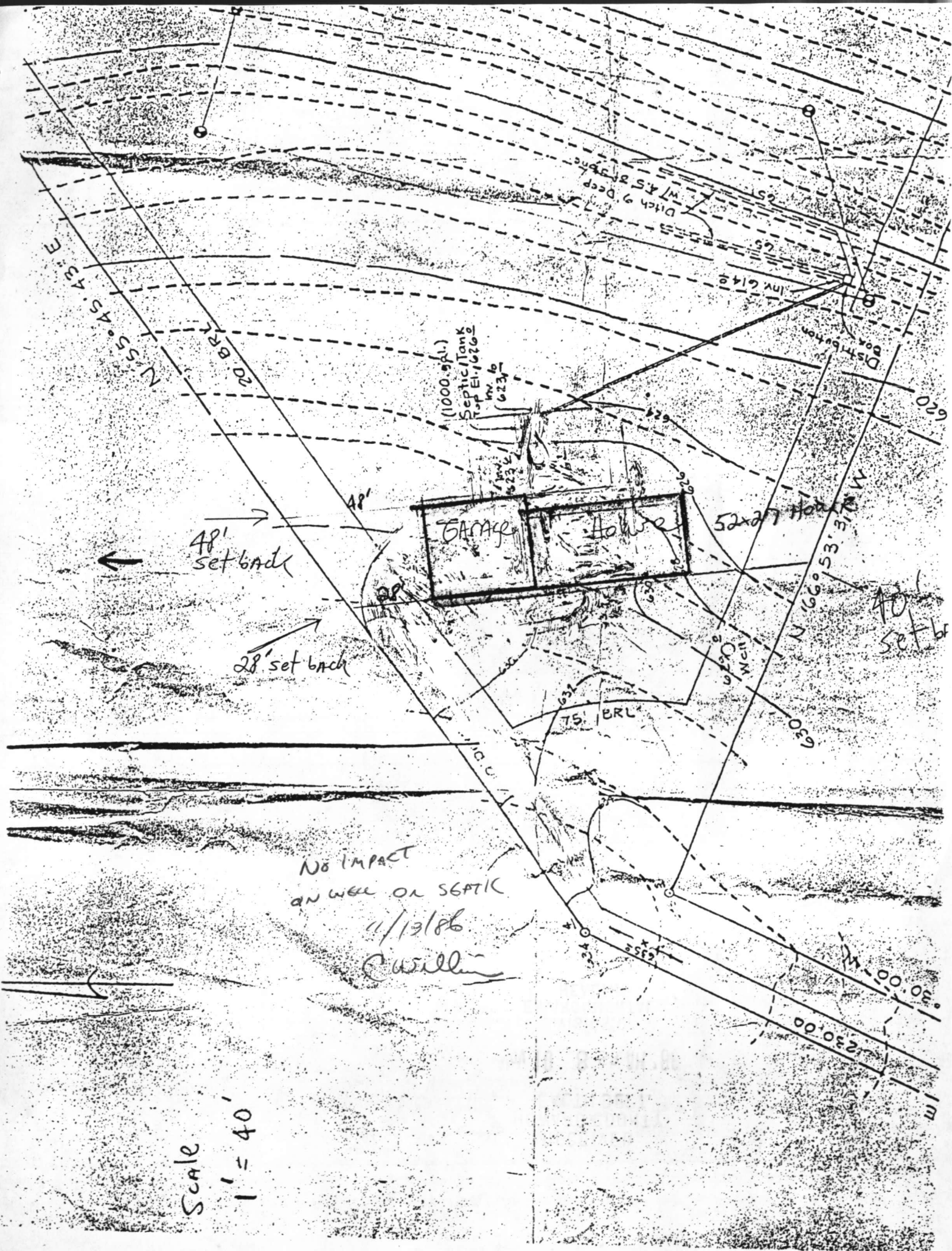
**rb** richard p. browne associates  
professional design & planning consultants  
wayne, new jersey . columbia, maryland

**SITE GRADING PLAN**

LOT 10  
SUBDIVISION OF JUSTIFIABLE  
4th Election District Howard County, Maryland

DRAWN MK CHKD. SHEET 1 OF 1

SCALE 1"=40' DATE 6-3-79 PROJECT NO. 4371



RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.

Nov 10 8 53 AM '86

DIVISION OF  
ENVIRONMENTAL  
HEALTH

*03200*  
*11/10/86*  
*on map of the*  
*100 10000*