

11/7/90 ✓ ① 10:30/12:00 P.M. ② LATE Tax ID-03 308 928 Files 11/7/90 (2) P.C.O. A.M. Noon; C.B.D.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46542

A 46031

DISTRICT 3rd

DATE 11/2/90

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE SYSTEM APPROVED 11/7/90

INSPECTOR C.B.D.

W. R. F. & Son IS PERMITTED TO INSTALL ALTER

ADDRESS 15 North Main Street, Mt. Airy, Maryland 21771 PHONE 829-1711

SUBDIVISION Boswell Property LOT 2 ROAD 11805 ~~Route~~ ^{Old Frederick Rd} 99

PROPERTY OWNER Donald & Barbara Michaud

ADDRESS _____

SEPTIC TANK CAPACITY 1,000 GALLONS at site

SEPTIC SYSTEM TO SERVE GARAGE ONLY.

NUMBER OF BEDROOMS 3 at site

BUILDING PERMIT # 34144

120 SQUARE FEET PER BEDROOM at site

LINEAR FEET OF TRENCH REQUIRED 90 feet ⁺

11/7/90 (soil looks good) C.B.D.

TRENCHES - Trench to be 2 feet wide. Inlet ⁴ feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at ⁵ feet below original grade. ⁴ feet of stone below distribution pipe.

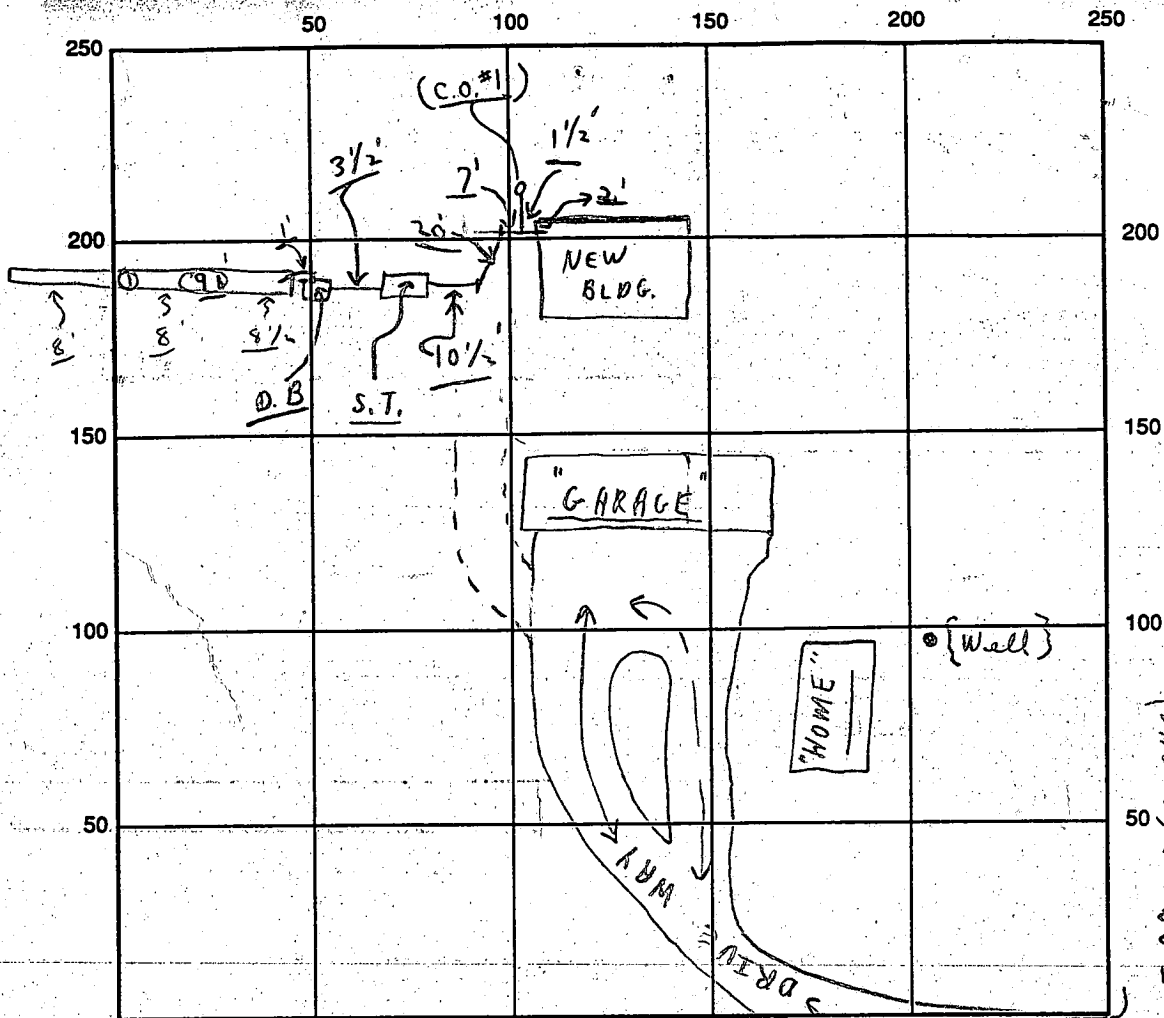
LOCATION - Place the distribution box on the highest perc hole. Run the trenches along level ground. Keeping at least 100 feet from the well. The high perc hole is 36 feet from the proposed garage and 145 feet from the right side of the lot as seen when facing the lot from Route 99. The proposed garage to be 40 feet from the black barn. 11/2/90 OKRH + 11/2/90 C.B.D. - changes - OKD

PLANS APPROVED BY Raymond Hodges DATE 11/02/90

- 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**

46542



SEPTIC TANK LEVEL OK CLEANOUTS OK S.T. C.O.#1

DISTRIBUTION BOX LEVEL OK (Ballbe 10 in)

DRAIN FIELD/TITLE DEPTH 8 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 91 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 364 SQ. FT.

DRYWALL INSIDE DIAMETER ~ FT. EFFECTIVE DEPTH BELOW INLET ~ FT.

ABSORBENT AREA 364 SQ. FT.

REMARKS: ① 11/7/90 A.M. - Partial ok to continue; not ready;
 ② 11/7/90 NOON - OK FOR STONE IN TRENCH, PARTIAL; ③ LATE P.M. - FINAL OK TO COVER. C.R.A.

DATE SYSTEM APPROVED 11/7/90 INSPECTOR Charles Bryan Theaker

APPLICATION

PERCOLATION TESTING

A 46034
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

PREVIEW OK
C.W. 6/8/90

DISTRICT 3rd.
DATE 6/8/90

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 DOALD & BARBARA MICHAUD

ADDRESS 11805 ROUTE 99, MARRIOTTVILLE, MD 21104 PHONE 442-5909

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION BOSWELL LOT# 2 - 11805 Rt. 99 LOT NO. 2
MARRIOTTVILLE, MD 21104

ROAD AND DESCRIPTION _____
BLDG. PERMIT SIGNED AND RETURNED 9/6/90
Serial # 34144 - 300 gpm

TAX MAP 10 PARCEL # 22

SIZE OF LOT 3 acres TYPE BLDG. _____
For OUT BUILDING EXISTING HOUSE 6560 T/C ON LOT.
(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.

Barbara A. Michaud
(SIGNATURE OF APPLICANT)

APPROVED BY C.B. [Signature] FOR Trenches on contours DATE 7/10/90

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR ~~REJECTION~~ HOLDING 2/10/90 Need artesian holes, exist water wells and new well and house sites.
C.B.

HD-216

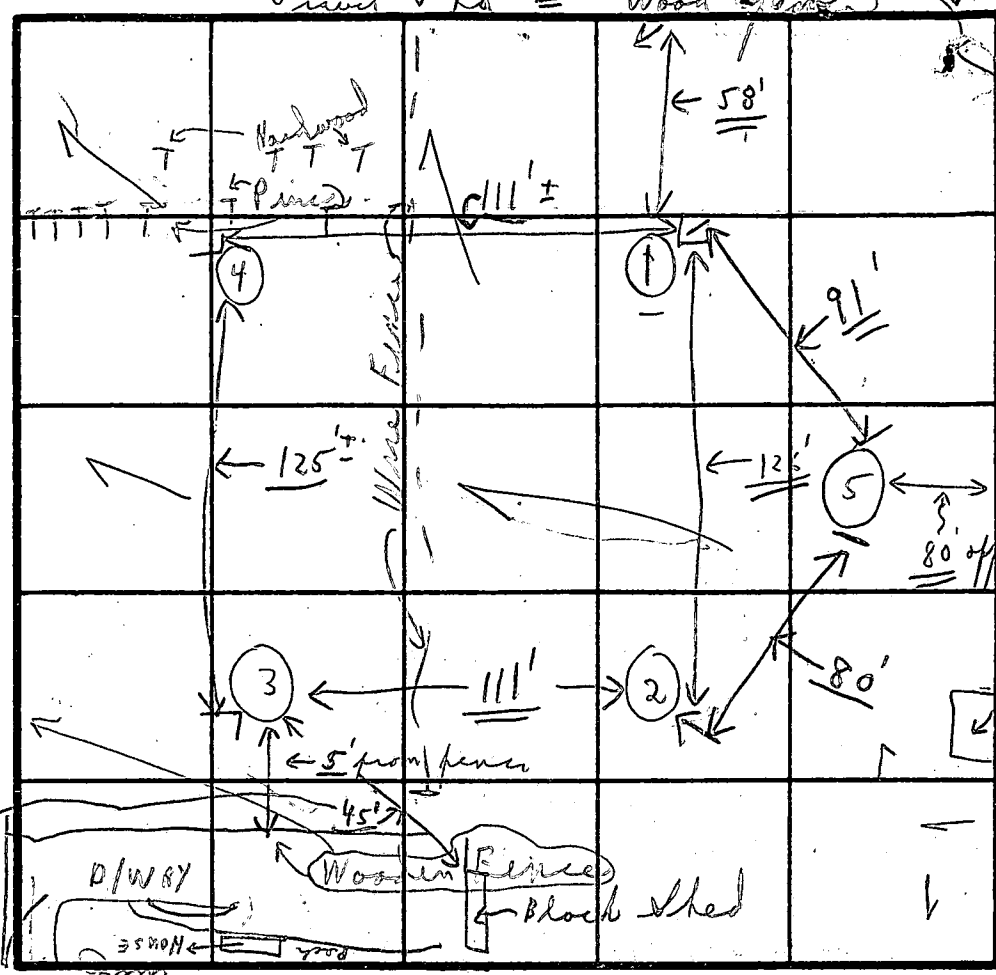
THIS IS NOT A PERMIT

A# 46034

Edgar Strange House
 Well next property
 Wood
 53'
 HOLE #3

HOLE #1
 SOIL PROFILE

0' to 5'
 CLAY
 5' to 12'-10"
 LOAM
 BELOW
 TO
 BOTTOM



HOLE #3
 0' to 5'
 CLAY
 5' to 12 1/2'
 SANDY
 LOAM
 TO
 BOTTOM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

E.C.

Rt 99

alpha

HOLE #2

0' to 6'
 CLAY
 6' to 13'
 LOAM
 BELOW
 TO
 BOTTOM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/10/90	1	5'	10:05	10:07	10:07	10:11	4 m
		12'-10"			Loam below clay		
	2	4'-8"	10:09	10:10:34	10:10:10	10:10:10	XX
		13'	10:27	10:30	10:30	10:33	3 m
					Loam below clay		
	3	5'	10:13	10:15	10:15	10:17	2 m
		12 1/2'			Sandy Loam		
	4	4 1/2'	10:20	10:22	10:22	10:23 1/2	2 m
		12 1/2'			Mix. sandy loam		
	5	4'			(0'-4' clay)		
		13' (total)			Loam (No. 2)		

HOLE #4
 0' to 4 1/2'
 CLAY
 4 1/2' to 12 1/2'
 SANDY
 LOAM
 TO
 BOTTOM

HOLE #5

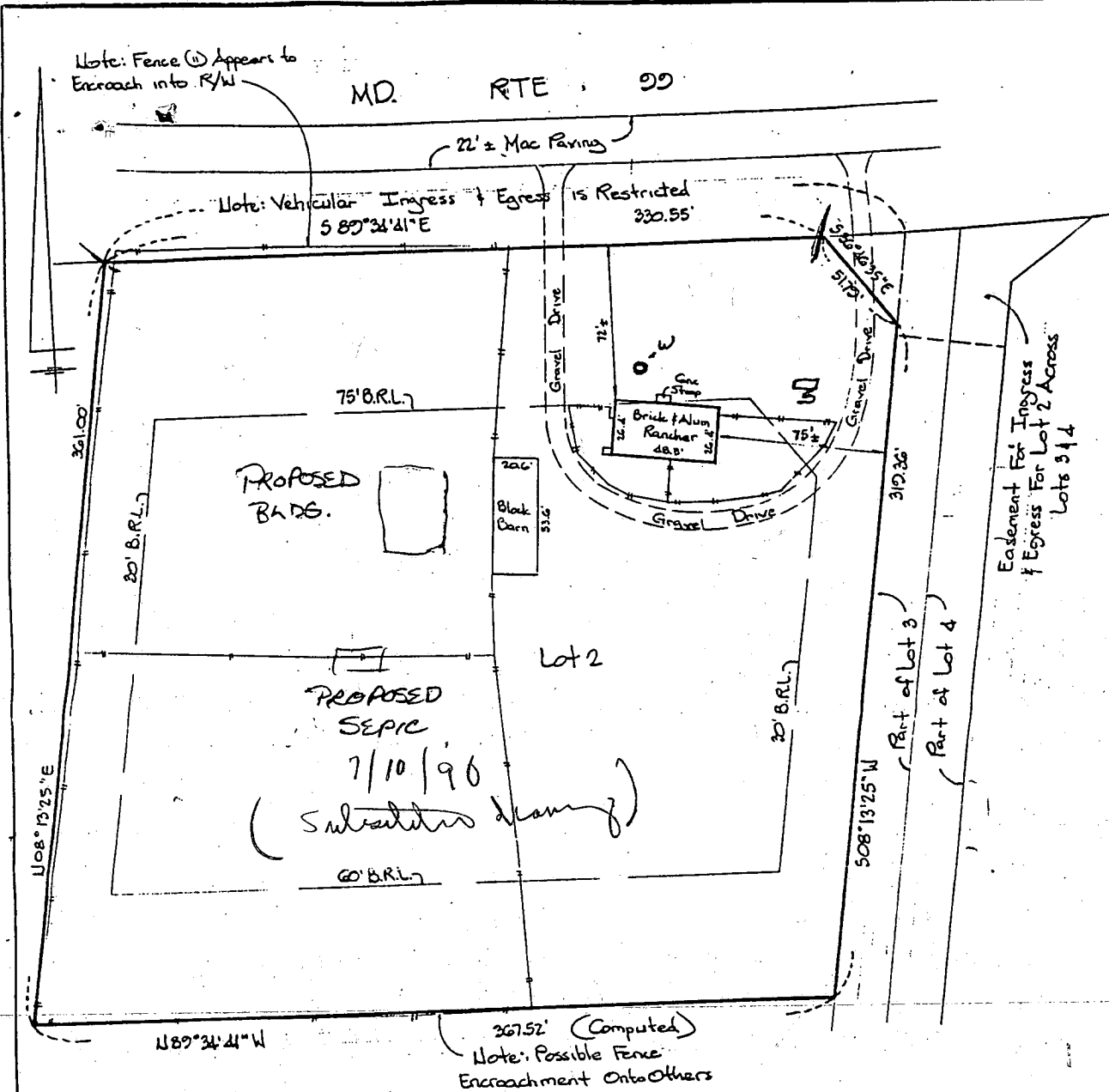
0' to 4' clay
 4' to 13'
 LOAM
 TO
 BOTTOM

REMARKS: 7/10/90 Tests in open tawny from Rt 99 at rear of property. Hold for artificial holes, etc.

TYPE OF SOIL: "Moist" + "DRY"

TESTED BY: C. B.

ALSO PRESENT: 2 men, Custom, Excavate on truck



B-22-88

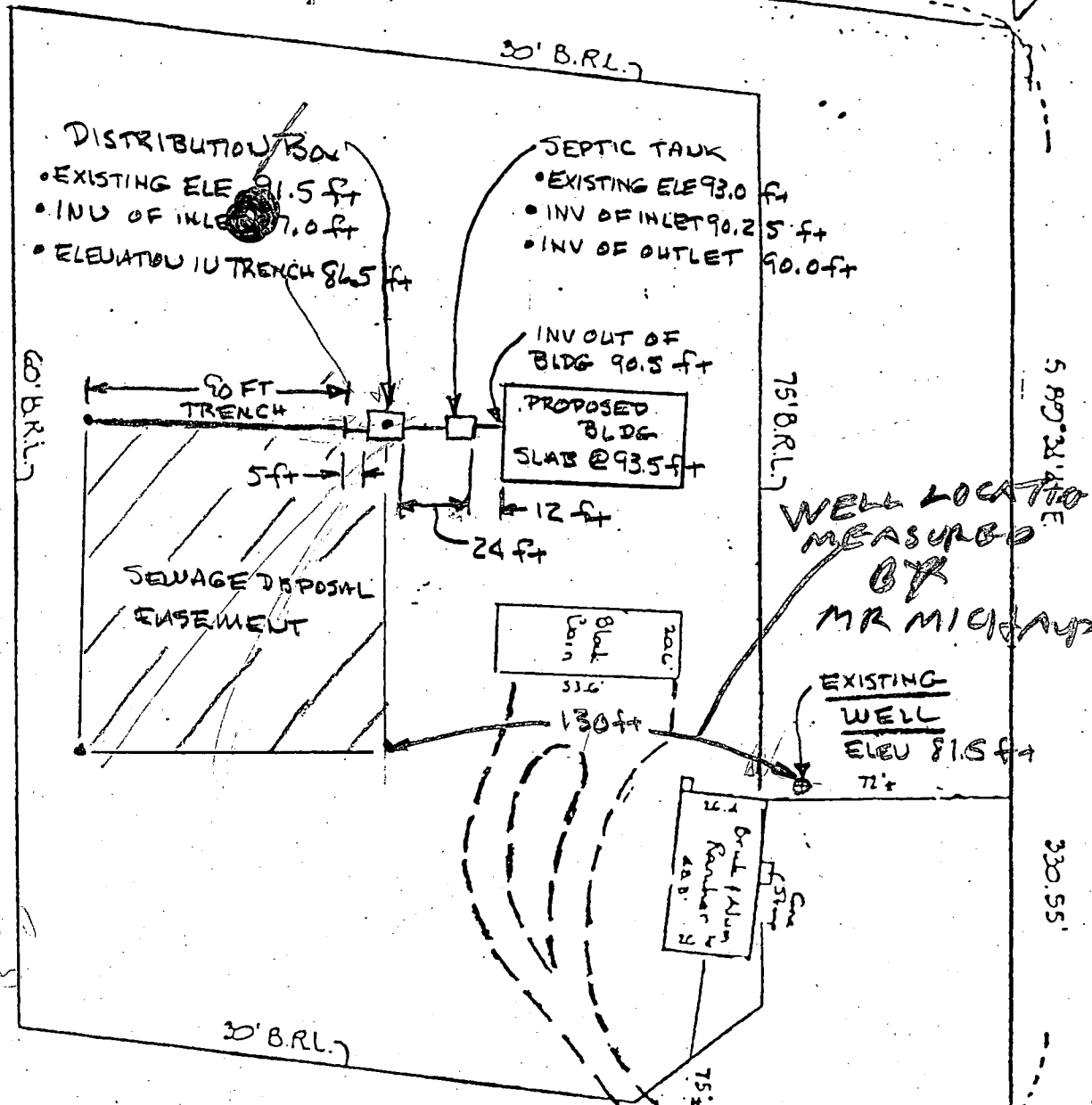
This is to certify that the lot shown hereon is not in a flood plain. THIS IS TO CERTIFY THAT THE IMPROVEMENTS INDICATED HEREON ARE LOCATED AS SHOWN. THIS IS NOT A PROPERTY LINE SURVEY AND SHOULD NOT BE USED AS SUCH.

Note: Possible B.R.L. Violation However, House Existed Prior to ESTABLISHMENT OF B.R.L. & RECORDED PLAT

HICKS ENGINEERING COMPANY, INC. ENGINEERS • SURVEYORS • PLANNERS 200 EAST JOPPA ROAD - SUITE 402 TOWSON, MARYLAND 21204 TELEPHONE: 301/494-0001	LOCATION CERTIFICATION # 11805 MD. RTE. 99; LOT 2 "LOTS 1-5, BOSWELL PROPERTY" HOWARD CO. MD. PLAT No. 5324		
	DATE: 8/22/88	SCALE: 1"=50'	FILE: 611

HB

11
U89°34'41"W
36752' (Computed)



Elevation Prepared by
Mr. Michael
mz

Easement For Ingress & Egress For Lot 2 Across Lots 3 & 4

OK TO SIGN
9/7/90 BJA

9/8/80
9/18/80 - oppid F.S.
9/2/80
as soon as possible

PERMIT

P 30891
A 30810

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY
DISTRICT 3rd.

INDEXED

DATE 9/3/80

Jack Fyock, Jr.

IS PERMITTED TO INSTALL ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION _____ ROAD 11805 11809 Route 99 LOT _____

PROPERTY OWNER H. Lee Ramsburg

ADDRESS Route 99

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

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

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

Dry well SEEPAGE PITS ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom

INLET PIPE 3 FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH 10 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

Place dry well in 15 feet from the front (Route 99) lot line and 390 feet down from the right corner pt. of lot as seen when facing the lot from Route 99. If dry well and trench used - need to (1) follow contour of land. (2) 2 inspections of trench - before and after stone in trench. (3) 5 foot earth buffer between dry well and trench. (4) Inlet to trench and depth of trench - same as dry well.

* SEPTIC TANK TO BE AT LEAST 50 FEET FROM WATER WELL.

4/8/80 O.K. to use trench only system in area of high hole. Total abs. sidewall area to be at least 460 SQ. FT. for 3 B.R. F.S.

PLANS APPROVED BY C. B. Streaker DATE 7/31/80

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.

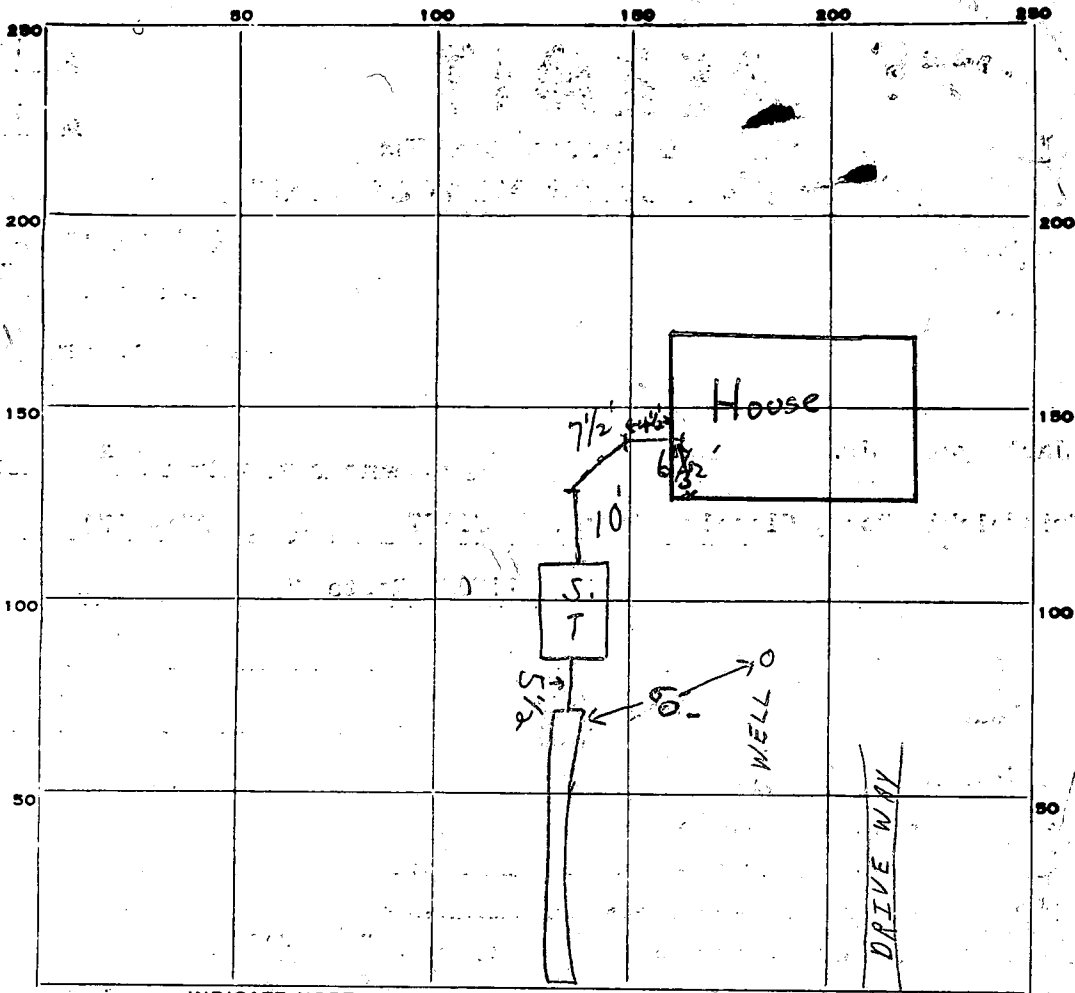
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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
30810



INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE.

RT. 99

PERMIT CARD

S.T.

SEPTIC TANK, LEVEL

CLEANOUTS

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 10 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 8 IN. TOTAL LENGTH 68 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA

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

ABSORBENT AREA 476 SQ. FT.

REMARKS 9/8/80 TRENCH OK FOR STONE 9/9/80 PARTIAL-NEED

HOUSE CONNECTION TO BUILDING. OK TO COVER SYSTEM TO END OF
SEPTIC TANK CLOSEST PROPOSED HOUSE, TO CALL WHEN PIPE THRU
FOUNDATION WALL.

C.B.V.

DATE SYSTEM APPROVED 9/19/80

INSPECTOR F. Skinner

7/31/80
9:30 AM

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30810

P _____

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

DISTRICT 3rd.

DATE 7/24/80

BLDG. PERMIT SIGNED
AND RETURNED 8/24/80
Serial # 44097

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 H. Lee Ramsburg

ADDRESS Route 99 PHONE 730-7685

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Route 99

SIZE OF LOT 41.781 Acres TYPE BLDG. e 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.

SIGNATURE OF APPLICANT Louise S. Stinson

APPROVED BY C. B. Stresker FOR Dry well + 100' + Trench DATE 7/31/80

REJECTED BY _____ FOR _____ DATE _____

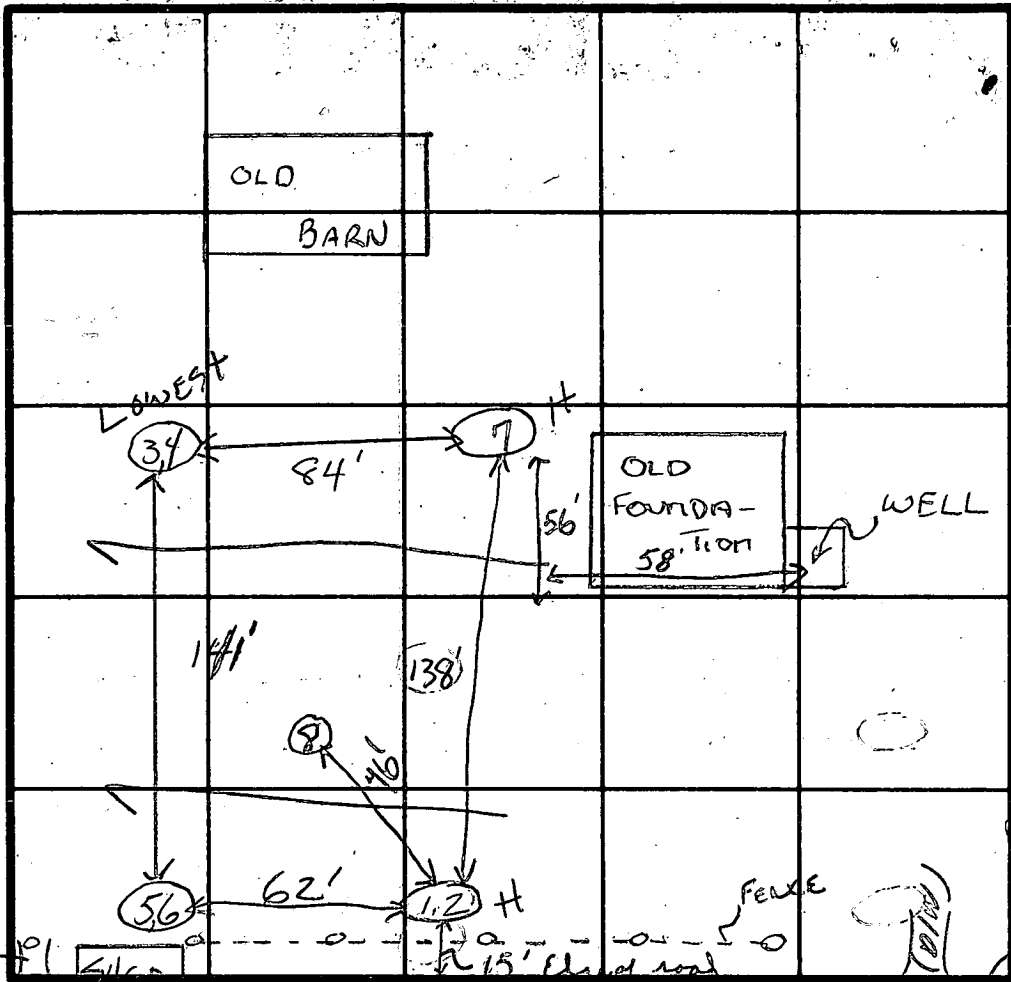
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

41 ACRES
SOIL PROFILE

SEE EACH HOLE BELOW
↓



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Soil Profile

1'-3' CLAY
3'-12' MICA LOAM
1'-4' CLAY
4'-13' MICA LOAM
1'-2 1/2' CLAY
3'-12' MICA LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		Fence TIME
			START	STOP	START	STOP	
7/31/80	1	3'	10:43	10:52	10:52	11:05	13min
Use	(H) 2	12'	10:41	10:43	10:43	10:46	3min
	3	3'	10:18	DUG TO	TO	4 ft.	
	4	12'	10:18	10:20	10:20	10:25	5min
	5	3 1/2'	10:28	10:38	10:38		
	6	12'	10:26	10:33	10:33	10:43	10.5min
	7	12'	1-3 1/2' 3 1/2'-12'	CLAY- MICA	LOAM		
	3A	4'	10:49	10:51	10:51	10:55	4min
	8	11'	1-3 1/2' 3 1/2'-11'	CLAY- MICA	LOAM		
	5A	4'	10:01	11:02	11:02	11:05	3min

Dug to 13'
Dug to 4'

7min
120sq ft
per hole
inlet
under
3'

REMARKS

71
TESTS No Copy Given 6/38.5
4/23/84 OK System Not overflowing

TYPE OF SOIL

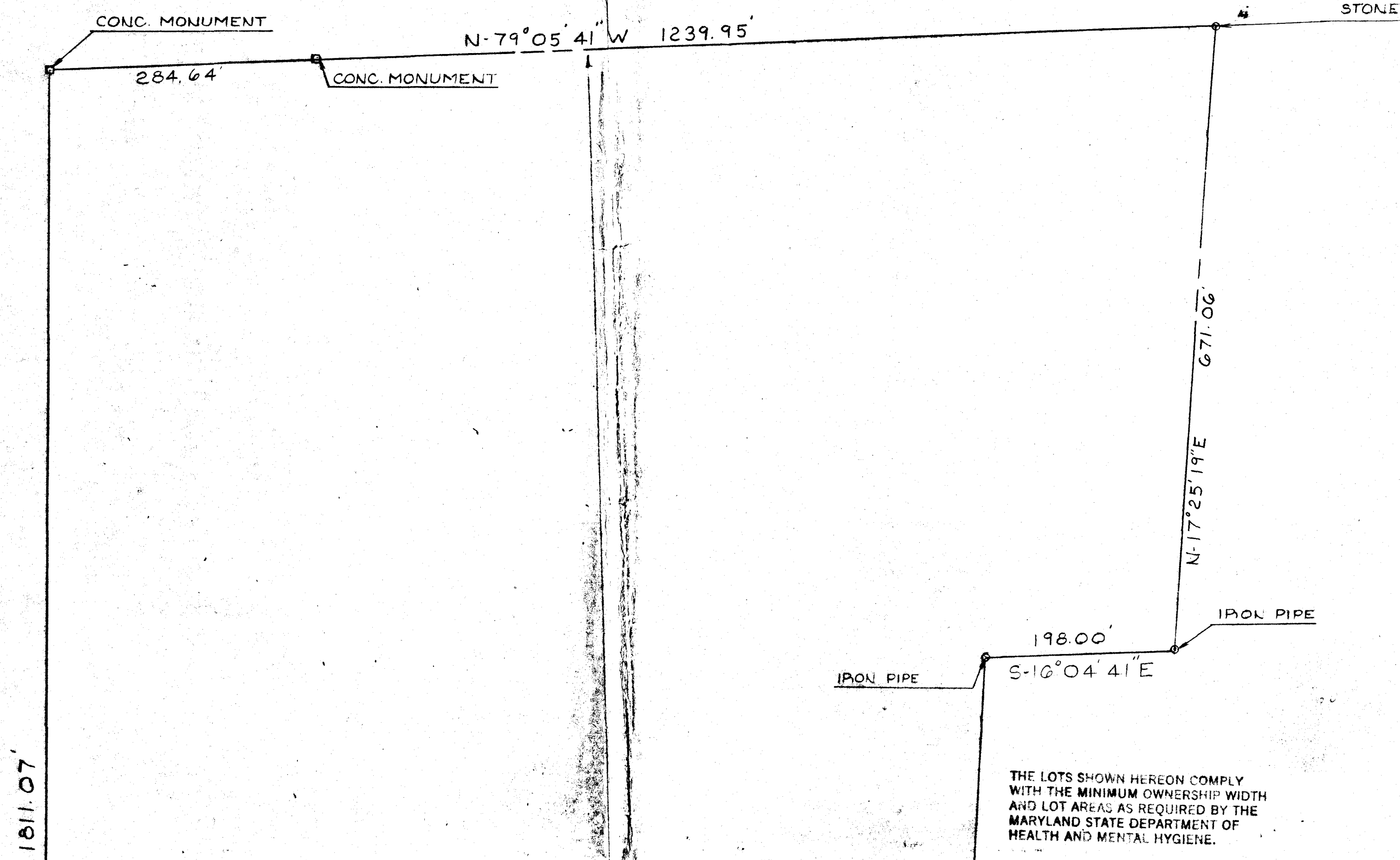
TESTED BY

C.B.S. + S.K.

ALSO PRESENT

{ FLOCK'S MEN

Revised 8/21/80



THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10000 SQ FT AS REQUIRED BY MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

S-31°06'56\"/>

HOUSE
F. F. : 104.0
BAS : 96.0 ✓
INV OUT : 99.2 ✓

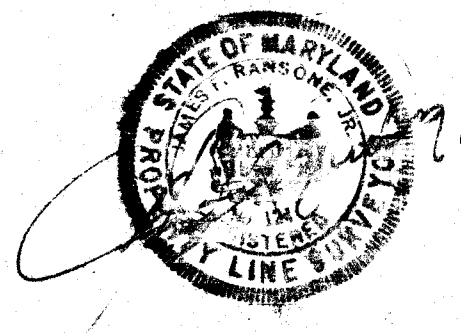
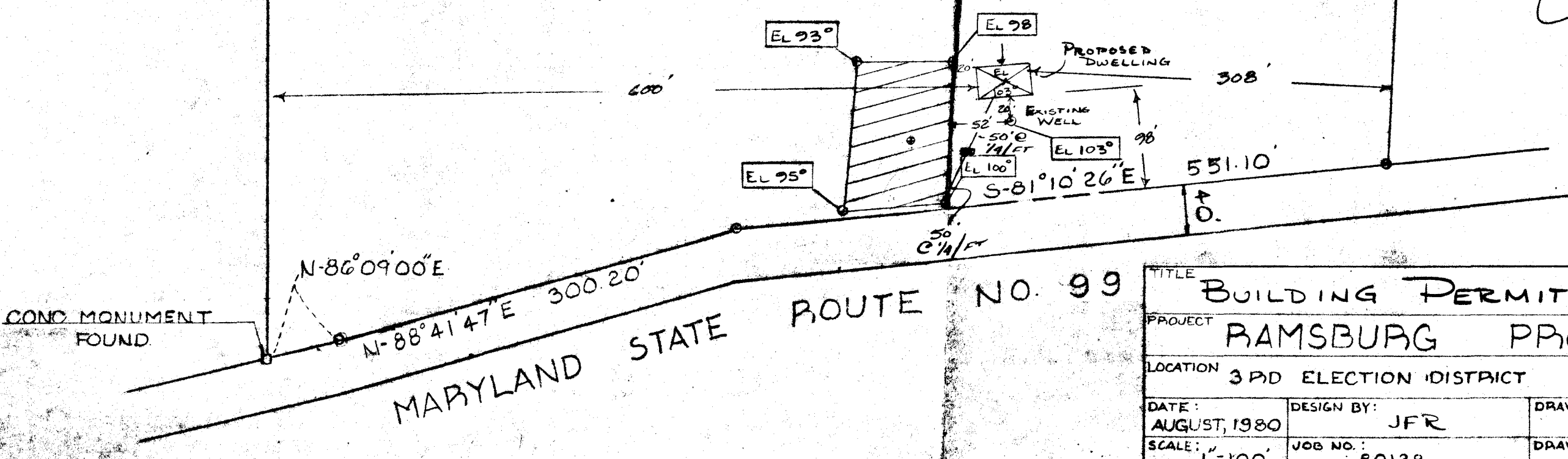
NOTE: SEWER TO FIRST FLOOR ONLY.

SEPTIC TANK
EX GR : 101.5
FIN GR : 101.5 ✓
INV IN : 98.2 ✓
INV OUT : 98.0 ✓
DRY WELL
EX GR : 100.0
FIN GR : 100.0 ✓
INV IN : 97.0 ✓

ELEVATIONS BASED ON BM FURNISHED BY BUILDER. BUILDER TO SET GRADES IN FIELD.

8/21/80 P.M. Revised Discussed with Mr. Frommelt
C.B.D. [Except for septic tank - (1) it should be 50' from well. (2) and septic system first. Noted on septic specs.]

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER _____ DATE _____



TITLE: BUILDING PERMIT PLAT			
PROJECT: RAMSBURG PROPERTY			
LOCATION: 3RD ELECTION DISTRICT HOWARD COUNTY, MD.			
DATE: AUGUST, 1980	DESIGN BY: JFR	DRAWN BY: JAC.	CHECKED BY: JF
SCALE: 1"=100'	JOB NO.: 80138	DRAWING NO.:	
boender associates			engine surve planne
BALTIMORE 301-465-7777		SALISBURY 301-749-1286	