

12/6/94
12 + later
3/4/97

348273

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50419

A 40069

DISTRICT 4th

DATE 11/29/94

HOWARD COUNTY HEALTH DEPARTMENT

INDEXED

BUREAU OF ENVIRONMENTAL HEALTH

~~313-1938X~~ 313-2640

DATE SYSTEM APPROVED 12/6/94

INSPECTOR [Signature]

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

4410 Salem Bottom Road, Westminster, MD 21157 ADDRESS PHONE (410) 875-4197

SUBDIVISION White Wood Estates LOT 13 ROAD 17318 White Plains Court

PROPERTY OWNER Michael & Deborah Schuchardt

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

**BIDD. PERMITS SIGNED
AND RETURNED 9-29-99**
Serial # B10120628
dech

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the first trench 370 feet off the rear (375') lot line and 140 feet off the left lot line as seen when facing the lot from White Plains Court. Run trenches on contour toward the left lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *ok 10/28/94 DCS*

PLANS APPROVED BY Sid Abel DATE 8/11/88

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

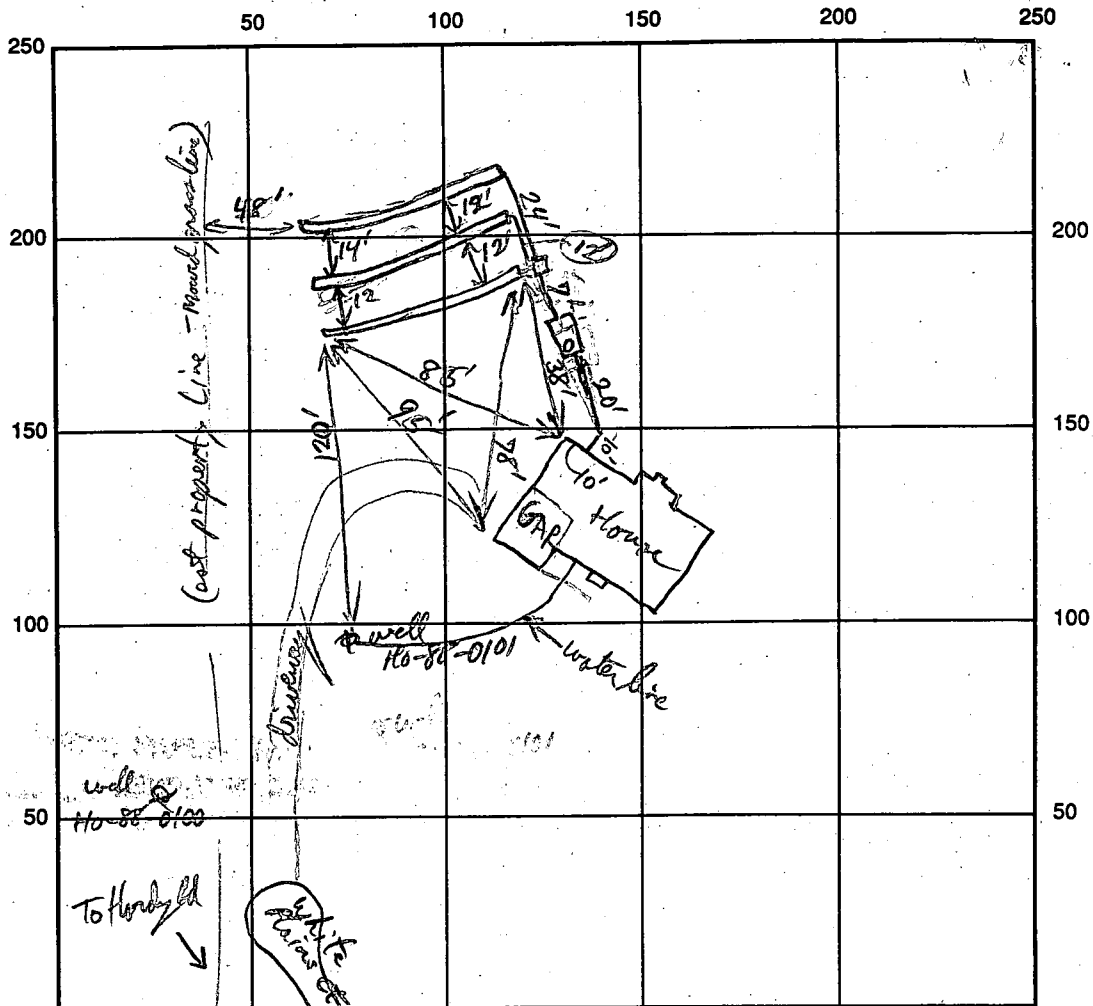
PERMIT VOID AFTER TWO YEARS

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. *PrleBair*

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A
40069



SEPTIC TANK LEVEL 1500 gal CLEANOUTS ST, ✓

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 5' FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 80/80/80 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: OK to cover Middle Trench once gravel filling & pipes are completed. OK beginning trench off 12/16/94
OK to cover system. off 12/16/94

DATE SYSTEM APPROVED 12/16/94 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 40069

P _____

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

*10/21/88
perc test approved
pending permit @*

DISTRICT 4711

DATE 9-8-87

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 ~~Kennard Warfield Jr~~ Michael & Deborah Schuchardt Laurel Service Corp.

ADDRESS 14663 Tridelphia Rd Glenely 21737 PHONE 442-2337

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION White Property Whitewood Est LOT NO. 13

ROAD AND DESCRIPTION South side of Balto National Pike (Rt 144) north side of Hardy Rd 17318 White Plains Ct

TAX MAP 7 PARCEL # 1

SIZE OF LOT 3 ± acres

BLDG. PERMIT SIGNED AND RETURNED 9/24/88
Serial # 56897 - 4Bm
TYPE BLDG. SFD
(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.

Mal D Rein
(SIGNATURE OF APPLICANT)

APPROVED BY Richard Abel FOR Shallow tele fields DATE 8-12-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

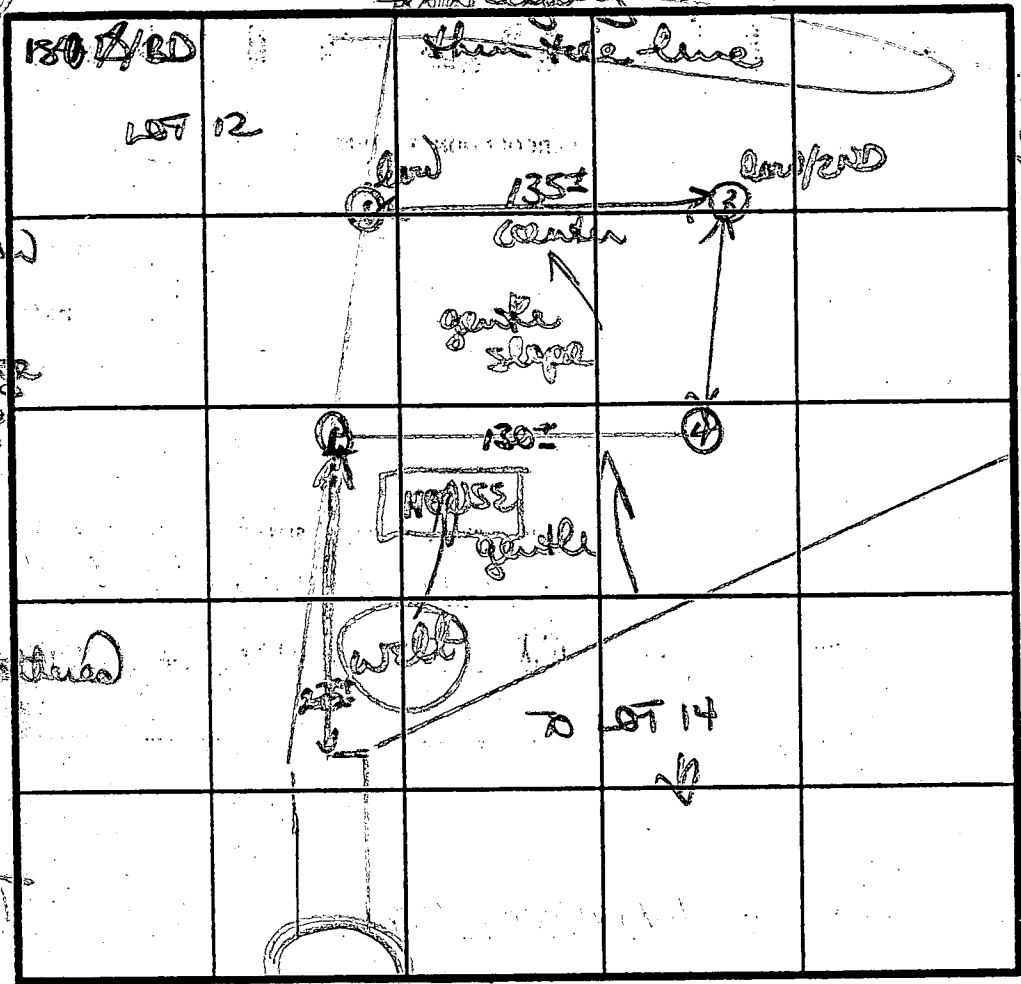
BLDG. PERMIT SIGNED AND RETURNED 5-31-89
BP26339 SK

THIS IS NOT A PERMIT

SHALLOW ONLY
 X 4 1/2 MIN
 IN LOT 32
 MAY 10 50

SOIL PROFILE

Brown/yellow clay 2 1/2'
 purple/orange gritty silty loam
 w/ 10-15% very small to med sized weathered material.
 4 1/2'
 11" hard bottom



orange/red chunky gritty clay 3'
 to orange silty gritty loam w/ 15% small med frags 3-6'
 to 5% 8'
 11" D

heavy brown orange clay 2 1/2'
 to orange mostly silty gritty loam w/ layered frags med up to 15% from 4' b
 hard 10" bottom

INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE.

HERDY RD.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/29/57	1	3' S	103	106	106	112	6min	
		7' M	103	105	105	108	3min	
		11' D	bottom (see profile)					
	2	3' S	114	120	120	124	4min	
		10' D	hard bottom (see profile)					
	3	3' S	115	118	118	123	5min	
		11' D	bottom (see profile)					
	4	VISUAL ONLY	good soils 3 1/2'					
		12' D	bottom (see profile)					

yellow/orange clay 2 1/2'
 to mostly powdery orange/purple silty loam w/ patches of med weathered frags

REMARKS: Holes 1+2 common holes for lots 12+13. Dug & tested as staked. Lower 2 holes showing signs of transition in soils. no further downhit in front

TYPE OF SOIL: clay

TESTED BY: B. Wilson

ALSO PRESENT: W. Wilson

B 1 3623 SEQUENCE NO. (DP 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

STATE PERMIT NUMBER

40-88-0101
fill in this form completely

Date Received (APA)

08/18/88

OWNER INFORMATION

WARFIELD KOW
Last Name Owner First Name

14663 TRIDELPHIA RD
Street or RFD

GLENELS MD 21232
Town State Zip

DRILLER INFORMATION

Ralph Mayne 223
Driller's Name License No. 80

Ralph Mayne Well Drilling
Firm Name
9170 Brown Church Rd. Mt Airy

North Mayne 2/30/88
Address Signature Date

B 3

LOCATION OF WELL

HOWARD
8 COUNTY

WHITE WOODS EST
23 SUBDIVISION

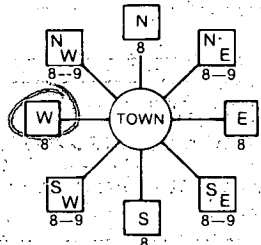
SECTION 13 LOT 13
44 46 48 50

POPULAR SPRINGS
52 NEAREST TOWN

0 MILES FROM TOWN (enter 0 if in town)

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



WHITE PLAINS CT
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



300 DISTANCE FROM ROAD
ENTER FT or MI 1/4

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A 40069
COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 08/17/88
CO SIGNATURE SIGNATURE EXP. DATE 02-16-89

NORTH GRID 555000 EAST GRID 0767000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

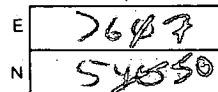
METHOD OF DRILLING (Circle one)

- BORED (or Augered)
- JETTED
- JETTED & DRIVEN
- AIR-ROTARY
- AIR-PERCUSSION
- ROTARY (Hydraulic Rotary)
- CABLE
- REVERSE-ROTARY
- DRIVE-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. well
 - 2.
 - 3.
- WRITE THE BOX-NUMBER FROM THE MAP HERE



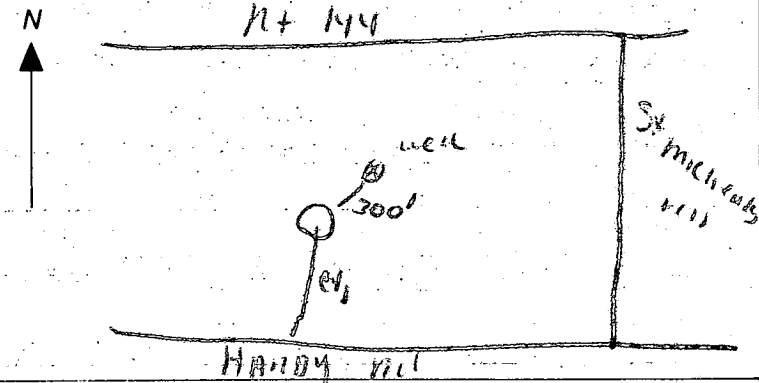
8/23/88

42" CASING
39" OPEN
8 BAGS
Loc. OK
SAC

REPLACEMENT OR DEEPEMED 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 DEEPEN AN EXISTING WELL

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE SA INITIALS IN BOX PERMIT No. 40-88-0101

SPECIAL CONDITIONS

C1 0591 SEQUENCE NO. (DENV USE ONLY)
1 2 3 6
(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 40069

DATE RECEIVED

DATE WELL COMPLETED 082368

DEPTH OF WELL 22 205 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-0701

OWNER WALKFIELD KEN
STREET OR RFD last name WHITE PLAINS CT first name TOWN KILPATRICK SPRINGS
SUBDIVISION WHITE WOODS EST SECTION LOT 13

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Known Shale	2	30	✓
Known Slate	30	35	
Blue Slate	35	60	✓
Known Slate	60	65	✓
Blue Slate	65	205	

WELL LOG Not required for driven wells
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC
CEMENT NO. OF BAGS NO. OF POUNDS
GALLONS OF WATER
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 40 ft.

CASING RECORD
casing types insert appropriate code below
STEEL CONCRETE PLASTIC OTHER
MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
PL 1 42

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

SCREEN RECORD
screen type or open hole insert appropriate code below
STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER
H O

DEPTH (nearest ft.)
H O 40 205

CIRCLE APPROPRIATE LETTER
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 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 John Wayne
(MUST MATCH SIGNATURE ON APPLICATION)

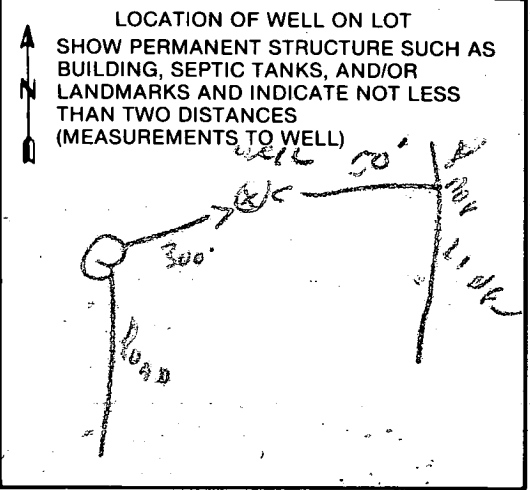
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) 56 60
GRAVEL PACK 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.) W.Q.
70 72 74 75 76
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 Kuckel
WATER LEVEL (distance from land surface) BEFORE PUMPING 29 WHEN PUMPING 30
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
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: 29
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box and enter casing height) (+) above } LAND SURFACE (-) below } 2 (nearest foot) 50 51



3

100-YEAR FLOOD
PLAIN, DRAINAGE
& UTILITY EASEMENT

LOT 13
4.80 AC. ±

LOT 12
3.65 AC. ±

RIP-RAP
CHANNEL

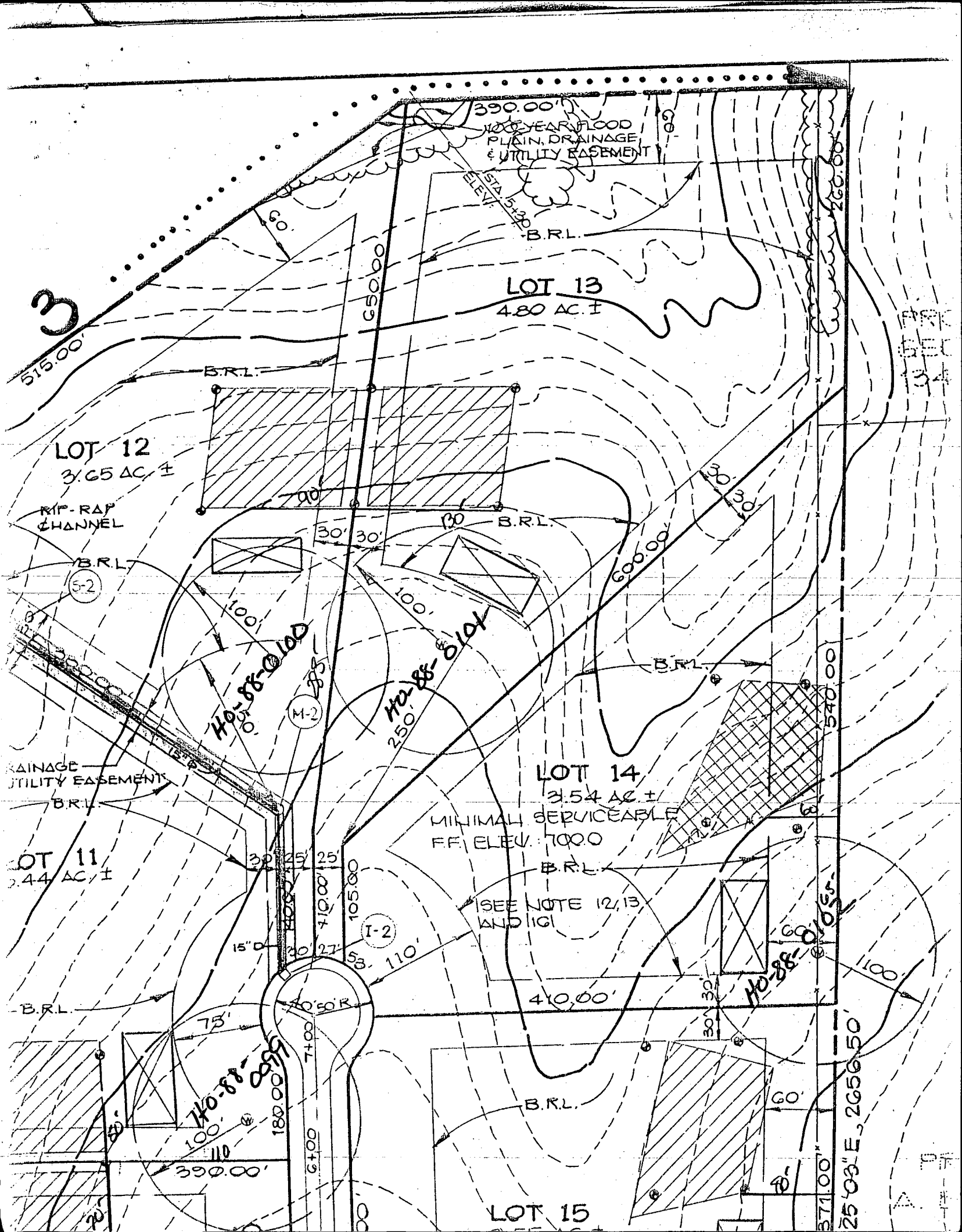
LOT 14
2.54 AC. ±

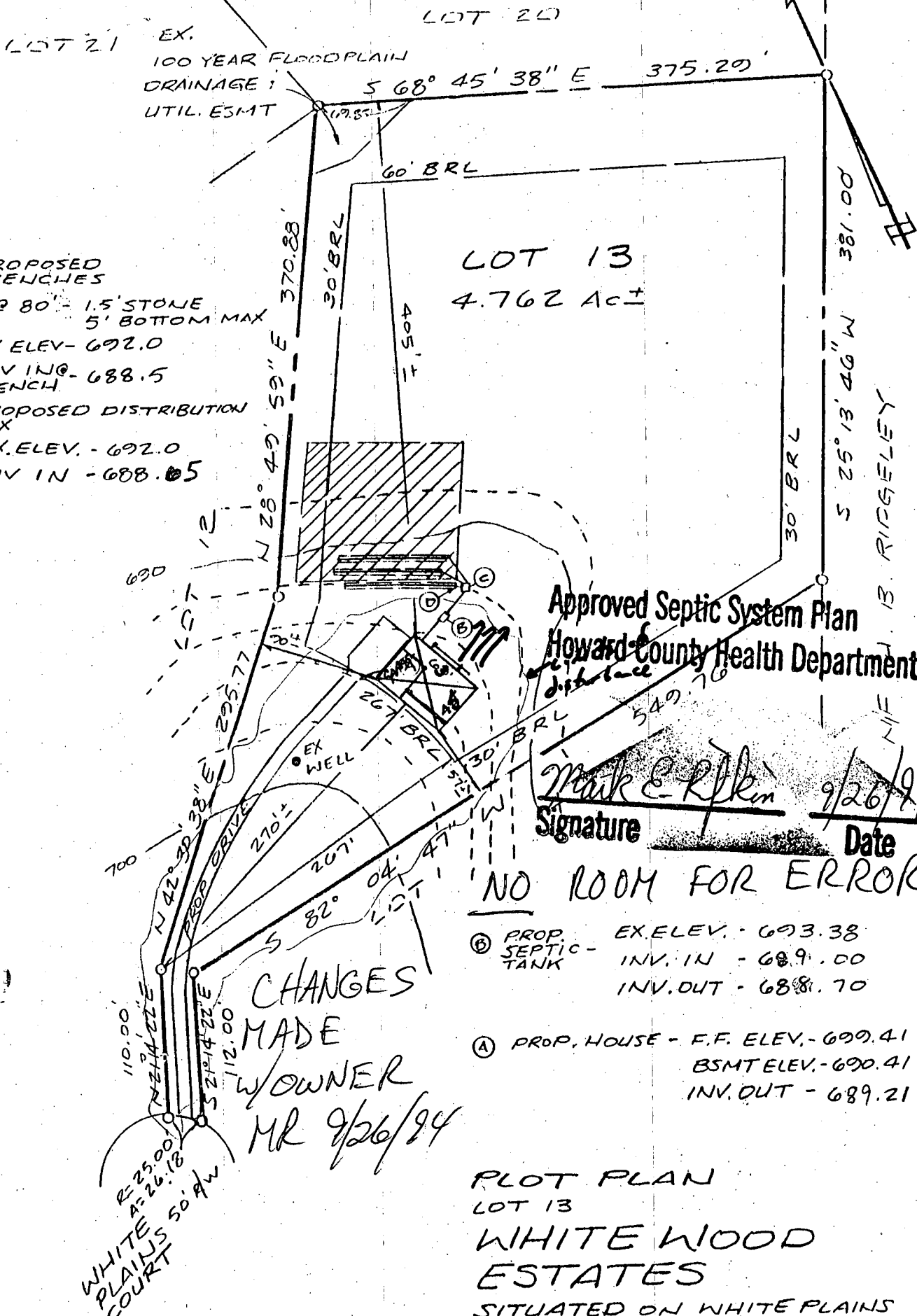
MINIMAL SERVICEABLE
FF. ELEV. 7000

LOT 11
2.44 AC. ±

SEE NOTE 12, 13
AND 15

LOT 15





- ⓐ PROPOSED TRENCHES
3 @ 80' - 1.5' STONE
5' BOTTOM MAX
EX ELEV - 692.0
INV IN @ - 688.5
TRENCH
- ⓐ PROPOSED DISTRIBUTION BOX
EX. ELEV. - 692.0
INV IN - 688.05

Approved Septic System Plan
Howard County Health Department

Mark E. Rflem
Signature
9/26/94
Date

NO ROOM FOR ERROR!

- ⓑ PROP. SEPTIC TANK
EX. ELEV. - 693.38
INV. IN - 689.00
INV. OUT - 688.70
- Ⓐ PROP. HOUSE - F.F. ELEV. - 699.41
BSMT ELEV. - 690.41
INV. OUT - 689.21

CHANGES MADE
W/OWNER
MR 9/26/94

PLOT PLAN
LOT 13
WHITE WOOD
ESTATES
SITUATED ON WHITE PLAINS
COURT
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=100'
MARCH 1994

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

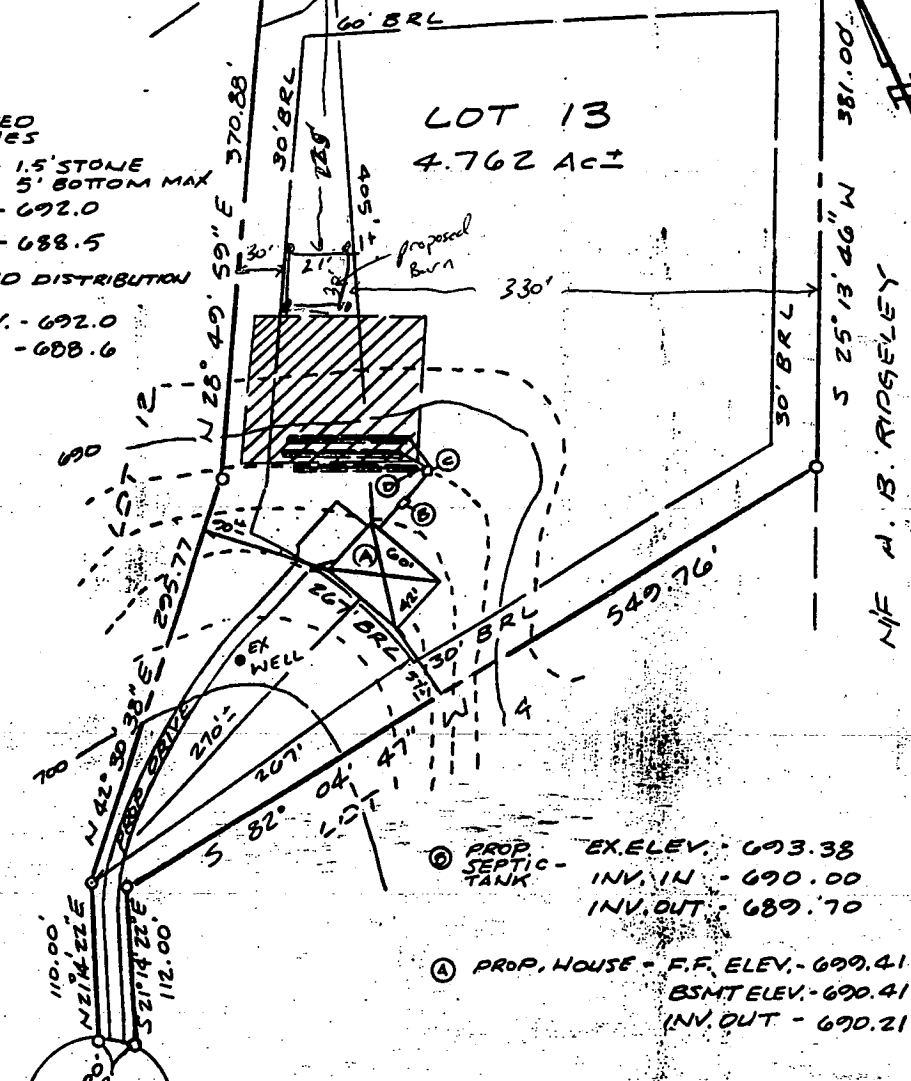
REFERENCE	JOB NO.
PLAT # 8245	94-3692

807807

LOT 21 EX. 100 YEAR FLOODPLAIN DRAINAGE UTIL. ESMT
 LOT 20
 S 68° 45' 38" E 375.20'

- ⓐ PROPOSED TRENCHES
 3 @ 80' - 1.5' STONE
 5' BOTTOM MAX
 EX. ELEV. - 692.0
 INV IN - 688.5
- ⓑ PROPOSED DISTRIBUTION BOX
 EX. ELEV. - 692.0
 INV IN - 688.6

LOT 13
 4.762 AC±



- ⓐ PROP. SEPTIC TANK
 EX. ELEV. - 693.38
 INV. IN - 690.00
 INV. OUT - 689.70
- ⓑ PROP. HOUSE - F.F. ELEV. - 699.41
 BSMT ELEV. - 690.41
 INV. OUT - 690.21

PLOT PLAN
 LOT 13
WHITE WOOD ESTATES
 SITUATED ON WHITE PLAINS COURT
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100'
 MARCH 1994

4/1/99
 shown pole barn will be 15' off the existing septic easement - this will have no impact to the existing or future use of the easement - the pole barn is on slab
 A McMullen

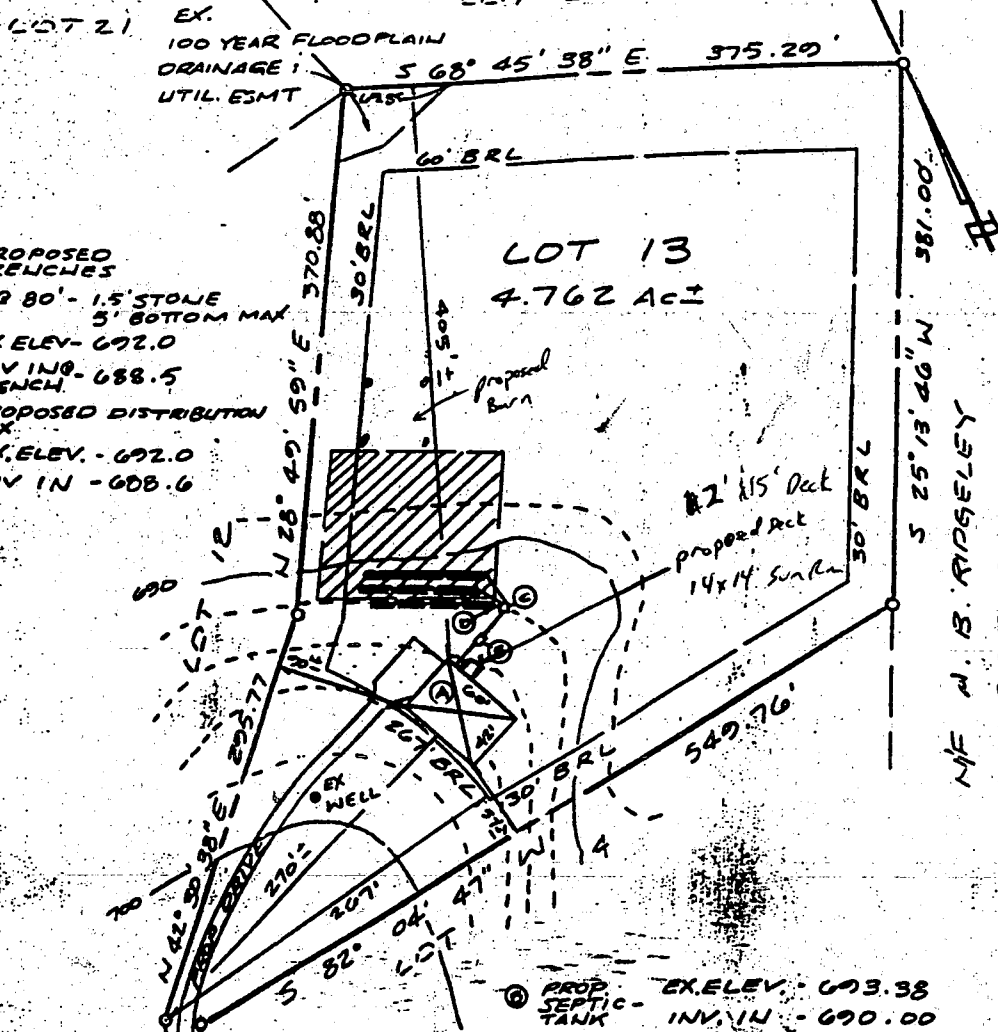
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REFERENCE	JOB NO.
PLAT # 8245	94-3692



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807897



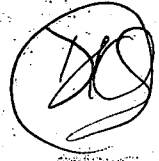
- ① PROPOSED TRENCHES
3 @ 80' - 1.5' STONE
5' BOTTOM MAX
EX ELEV - 692.0
INV IN - 688.5
TRENCH
- ② PROPOSED DISTRIBUTION BOX
EX. ELEV. - 692.0
INV IN - 688.6

LOT 13
4.762 AC±

- ③ PROP. SEPTIC TANK
EX. ELEV. - 693.38
INV. IN - 690.00
INV. OUT - 689.70
- ④ PROP. HOUSE - F.F. ELEV. - 699.41
BSMT ELEV. - 690.41
INV. OUT - 690.21

PLOT PLAN
LOT 13
WHITE WOOD
ESTATES
SITUATED ON WHITE PLAINS
COURT
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100'
MARCH 1994

9/29/99
Proposed deck
location OK
as shown



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REFERENCE JOB NO.
PLAT # 824 3692



VANMAR ASSOCIATES INC.
Engineers - Surveyors - Planners
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