

04347951

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 572C01

A 40631

DISTRICT 4th

DATE 9-6-96

DATE SYSTEM APPROVED 10/17/96

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

Maryland Heritage Builders (Jason Levinson) IS PERMITTED TO INSTALL ALTER

ADDRESS P.O. Box 142 West Friendship, MD 21794 PHONE (410) 489-0023

SUBDIVISION Ricker Property LOT 1 ROAD 13898 Forsythe Road

PROPERTY OWNER Daniel & Jennie Ricker

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

TRENCH DIMENSIONS ADJUSTED
4 TO SUIT INSTALLERS CONVENIENCE (CW)

200 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 150 ²⁰⁰

TRENCHES - Trench to be ³ 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth ⁸⁶ 8 feet below original grade. Effective area begins at 4 feet below original grade. 24 feet of stone below distribution pipe.

LOCATION - Place the distribution box 130 feet from the front (201') lot line and 185 feet from the left (1217') lot line. Run trenches along contour to front of lot.

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

PLANS APPROVED BY Mark Rifkin

DATE 7/31/96

jr

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)

BUILDING PERMIT SIGNED AND RETURNED

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

5/28/2003 80014 2094 INGROUND POOL
625103 BOD142687- POOL HOUSE

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

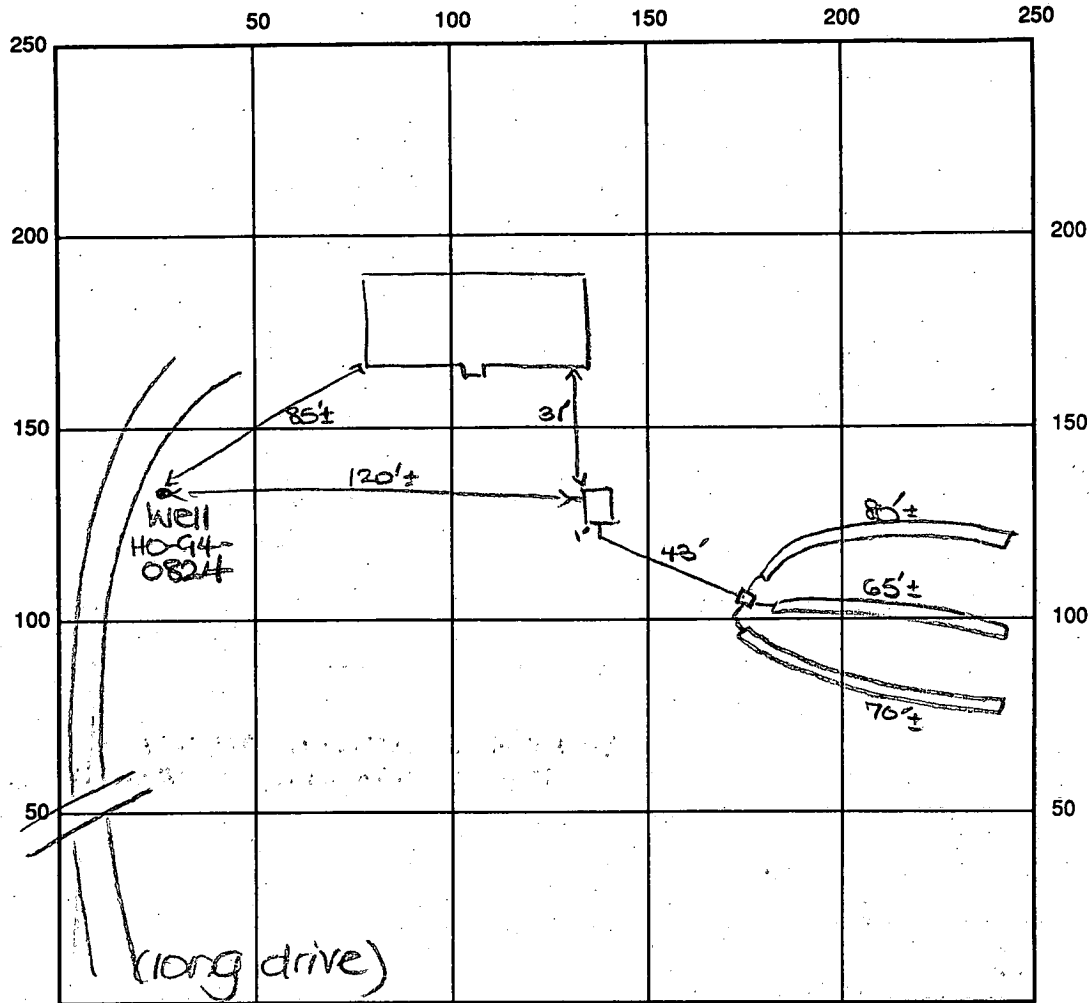
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 40631

10/11/96 LATE
10/15/96 AM
10/17/96



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Forsythe Road

SEPTIC TANK LEVEL OK-1000 gal CLEANOUTS _____

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 60 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 170 65 FT.

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

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

ABSORBENT AREA _____ SQ. FT.

REMARKS AND RETURNED 10/15/96 STARTED BE JUST BEGINNING EXCAVATION OF TANK HOLE. TALKED THRU

LOCATION, MATERIALS, TRENCH DIMENSIONS set (CA)

10/15/96 NO one at site. Trenches stoned, septic tank and db. set. lines not connected. NO house connection. (called and left message for builder) 10/17/96 House DKS connection made - OK to cover all final ALM

DATE SYSTEM APPROVED 10/19/96 INSPECTOR Amy McMullen

10-17-96
WPI - OK to cover AL

FIRST FLOOR Elevation
516

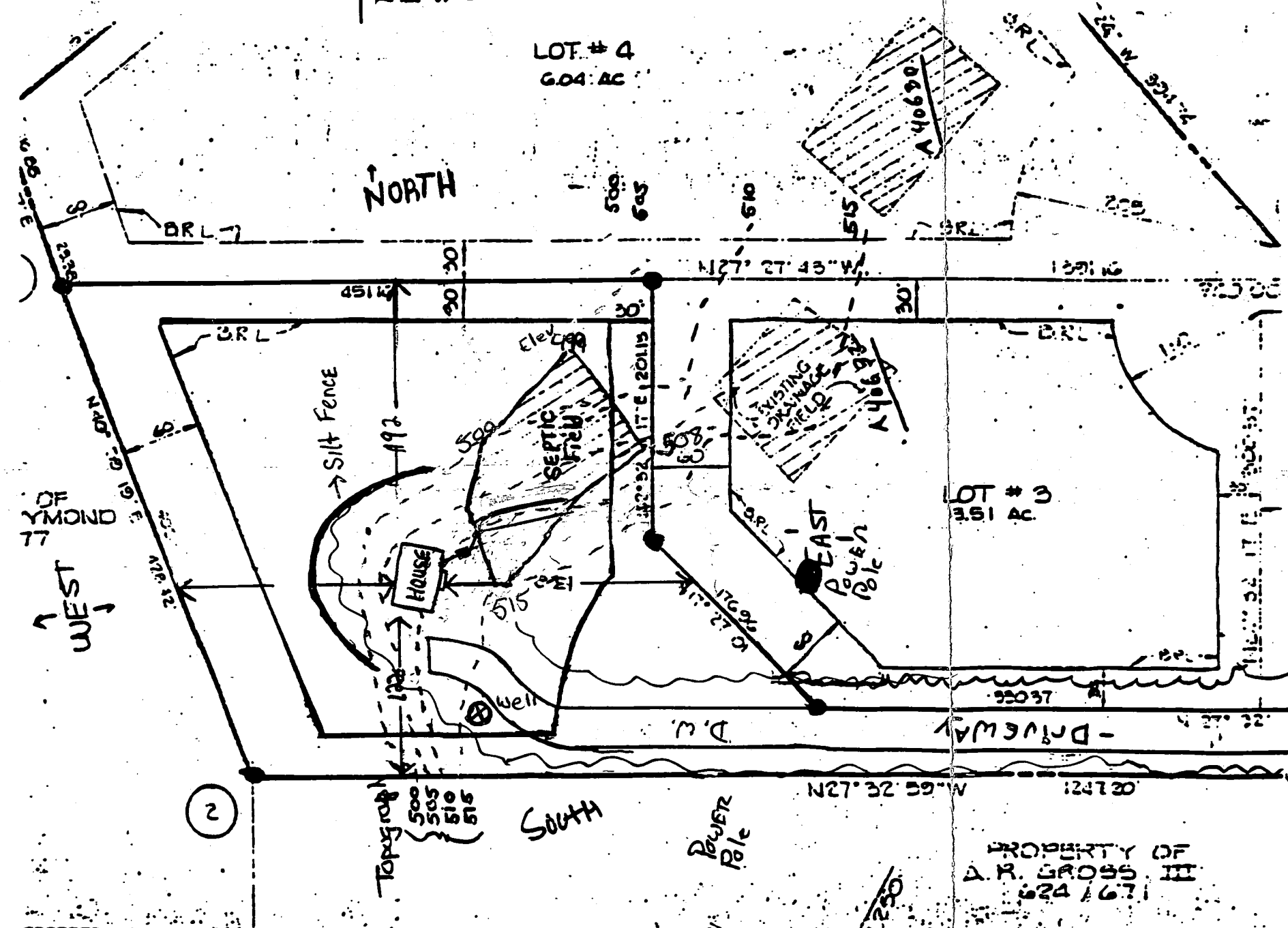
DISTANCE TO PROPLINE
NORTH - 192 FT
EAST - 132 FT
SOUTH - 182 FT
WEST - 156 FT

SEPTIC
BASEMENT Elevation 504.5
FIRST FLOOR Elevation 514
INU OUT OF HOUSE 508.0
INU INTO TANK 507.5
EXISTING Elevation AT TANK 510.5
INU OUT OF TANK 507.0

SEPTIC
INU INTO DIST BOX 506.2
EXISTING Elevation AT DIST BOX 510.0
INU INTO TRENCH 506.0
EXISTING Elevation AT TRENCH 510.0
WELL Elevation 517

TRENCH LENGTH DETERMINED BY HEALTH DEPT.

90th
8-59h-81E



Approved Septic System Plan
Howard County Health Department

1300101035

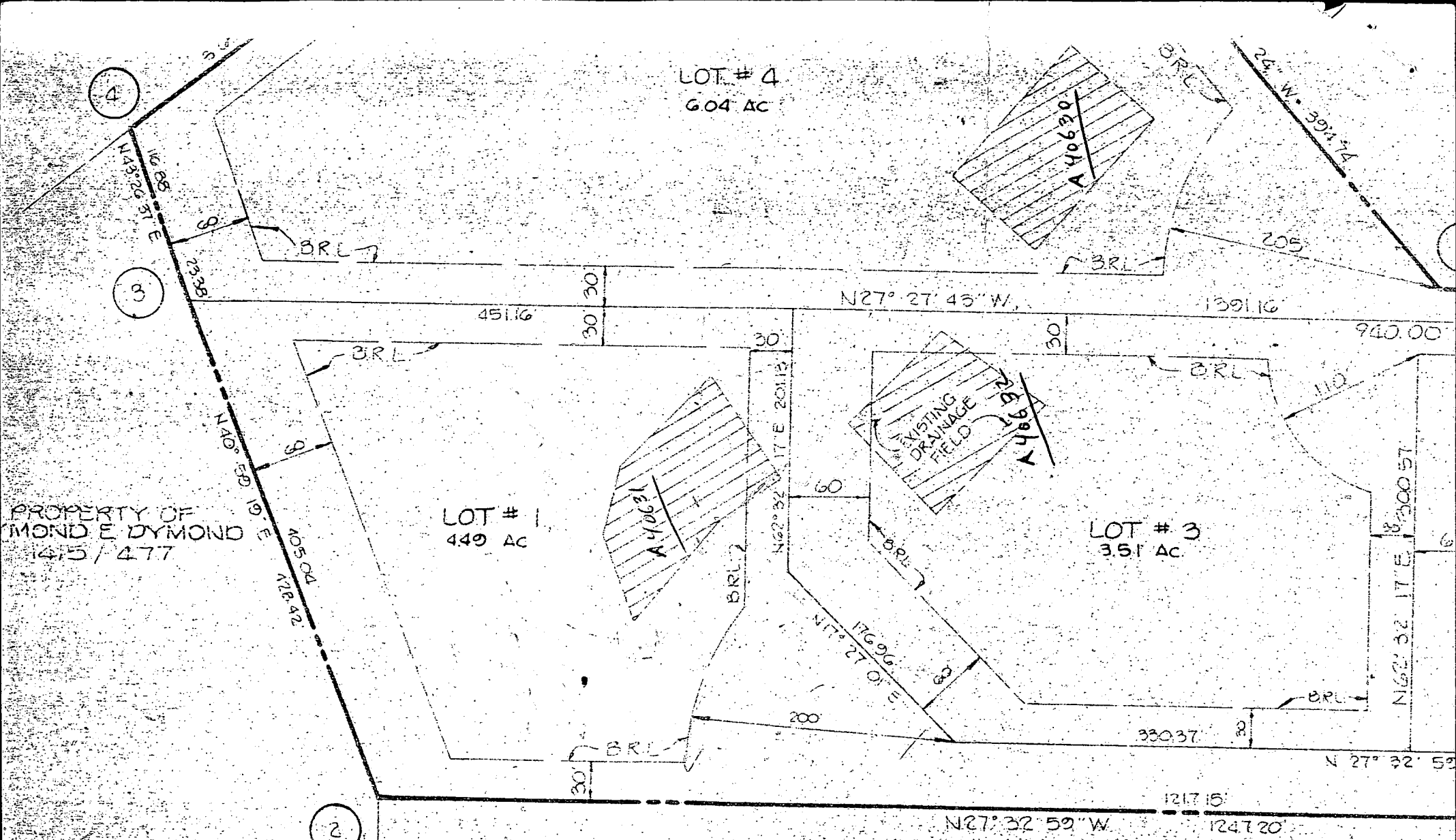
Mark E. Duffin
Signature
7/31/26
1.D.D.O.

Sub
Div

Forsythe Rd.

PROPERTY OF
A. R. GROSS, III
624 1671

RECORDED
RECORDED
RECORDED
17 289 AC
0 276 AC
17 868 AC



PROPERTY OF
MOND E DYMOND
145/477

LOT # 4
6.04 AC

LOT # 1
449 AC

LOT # 3
351 AC

THIS PLAT
LOTS TO BE RECORDED
S (1-4)
DWAY TO BE RECORDED
S PLAT TO BE RECORDED

17.200 AC
0.276 AC
17.565 AC

PROPERTY OF
A R. GROSS III
624/671

E 800.250
N 550.250

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS
CORRECT; THAT IT IS ALL OF THE LAND OBTAINED BY LAWRENCE N.
RICKER, JR. AND SARAH J. RICKER, DAUGHTERS OF LAWRENCE N. RICKER, JR.

WE, LAWRENCE N. RICKER JR. AND
HEREON, HEREBY ADOPT THIS PLAT

FOR WATER AND PRIVATE SEWER
HOWARD COUNTY HEALTH
DEPARTMENT

APPLICATION

1/18/87 9:30

PERCOLATION TESTING

A 40631

P _____

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

DISTRICT _____

DATE 12/10/87

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 RICKER

ADDRESS 13890 FONSYPH RD PHONE _____

PROSPECTIVE BUYER B. ROME

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION ~~FONSYPH RD~~ RICKER PROPERTY LOT NO. NEW LOT 1

BLDG. PERMIT OBTAINED
AND RETURNED 7/31/86
Serial # B10101035-SFD-3B1a

ROAD AND DESCRIPTION 13848 FONSYPH RD

TAX MAP 9 PARCEL # 63

SIZE OF LOT _____ TYPE BLDG RES.
(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.

B. Rome
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

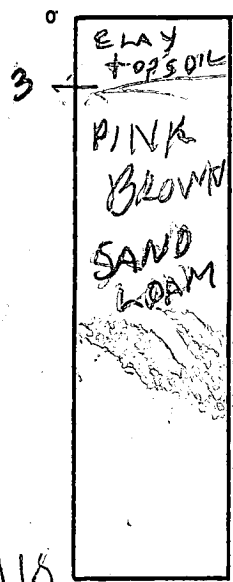
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

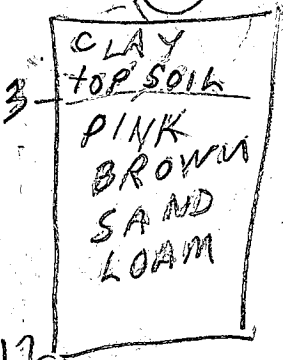
THIS IS NOT A PERMIT

①
SOIL PROFILE



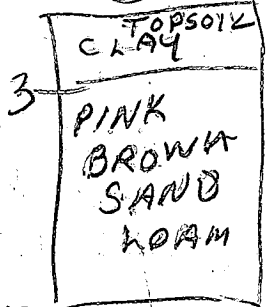
11.5

②



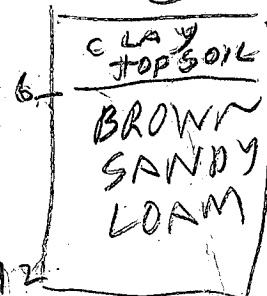
12

③

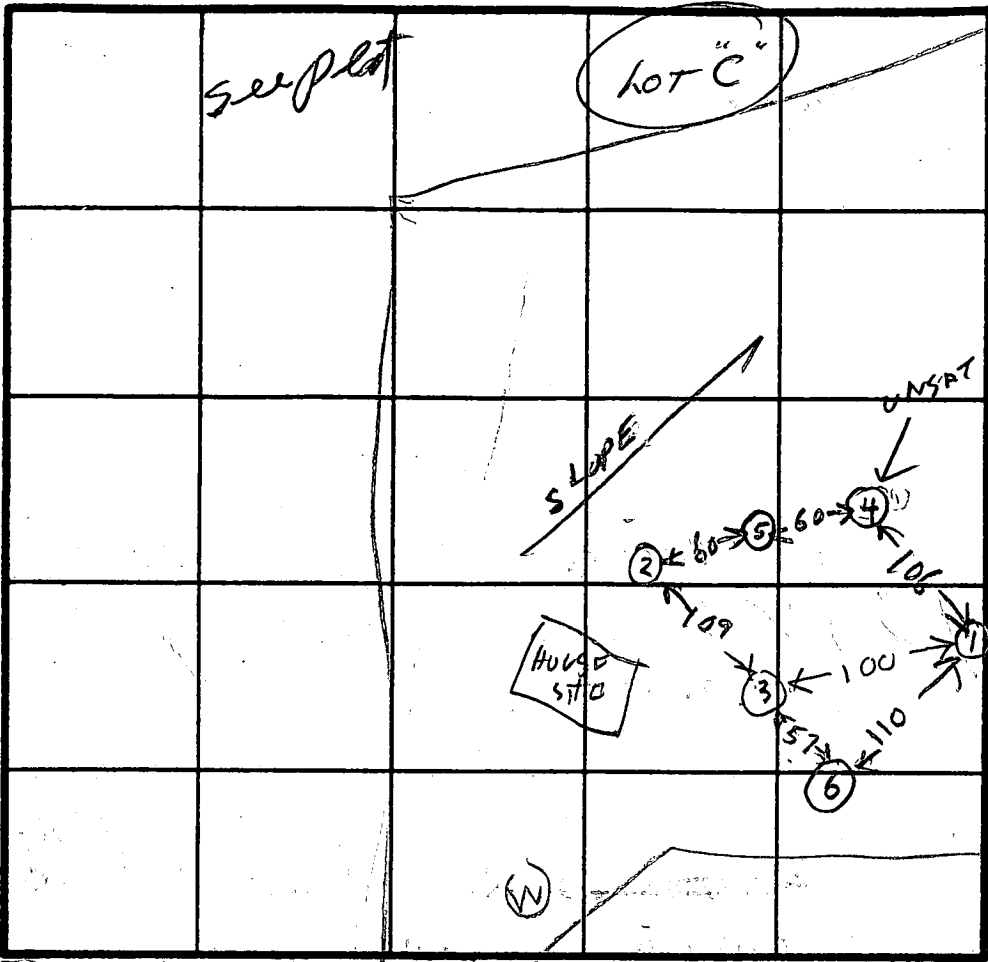


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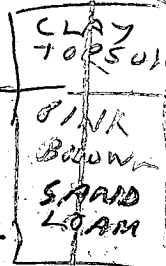
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12

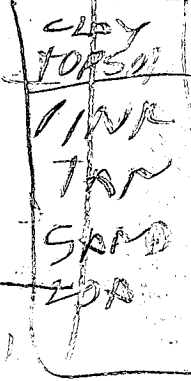


⑤



11.5

⑥



11

INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/18/87	1 1V	3 11.5	1112			1130	
	2 2b	4 7	1120	1123	1123	1128	
	2V	12					
	3V	12	OK				
	4S	6	1133	STOP	SPILL MELT IN SAND		
	4BS	6.5	1140	1142	FELL IN HOLE		
11/18/87	4ES	6.5	1154	1210	LITTLE PERC.		
11/18/87	5S	3	1208	1212		1215	3
	5V	11.5	OK				
	6V	11	OK				

REMARKS _____

TYPE OF SOIL _____ 8 SON
UTL 577 BARRA

TESTED BY B. H. DORR ALSO PRESENT B. BROWN

C1 7933

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A40631

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 07/29/96

Depth of Well 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0824

OWNER BOESCHE STEVEN FONSYPHE RD GAITHER RICKER PROPERTY SECTION LOT 1

WELL LOG Not required for driven wells

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown Shale, Brown Slate, Blue Slate, and another Brown Slate.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) CEMENT BENTONITE CLAY NO. OF BAGS 18 NO. OF POUNDS 1800

CASING RECORD

MAIN CASING TYPE (P) (L) (6) (5) Nominal diameter top (nearest inch)! Total depth of main casing (nearest foot)

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

SCREEN RECORD

screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) STEEL BRASS BRONZE OPEN HOLE PLASTIC OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

TYPE: MWD/MSD/MGD 116

DRILLERS LIC. NO. 116

DRILLERS SIGNATURE

LIC. NO. 117

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

DEPTH (nearest ft.)

Table with columns for depth intervals (8-9, 11-15, 17-21, 23-24, 26-30, 32-36, 38-39, 41-45, 47-51) and handwritten values.

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 70 72 74 75 76

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.)

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 5

PUMPING RATE (gal. per min.) 120

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 30

WHEN PUMPING 32

TYPE OF PUMP USED (for test) (A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (J) jet (S) submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

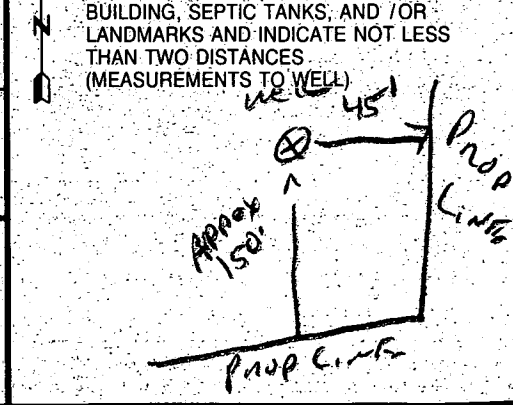
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) (+) above () below LAND SURFACE 2 (nearest foot)

LOCATION OF WELL ON LOT



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-0824
 Location of property (road) FORSYTHE RD.
 Subdivision RICKER PROPERTY Lot 1 Block _____ Plat _____ Sec. _____
 Well Driller RALPH MAYNE Owner STEVEN BOESCHE (DAN RICKER)

Depth of well 185'
 Distance of measuring point (M.P.) above ground 2#
 Static water level (S.W.L.) below M.P. 30#

I. High rate pumping -- reservoir drawdown

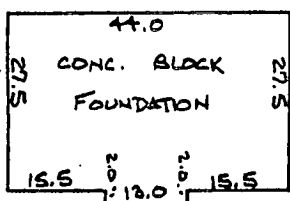
Time pump started 8:30 Pumping rate 126pm
 Total time 15 min to reach pumping water level 30 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

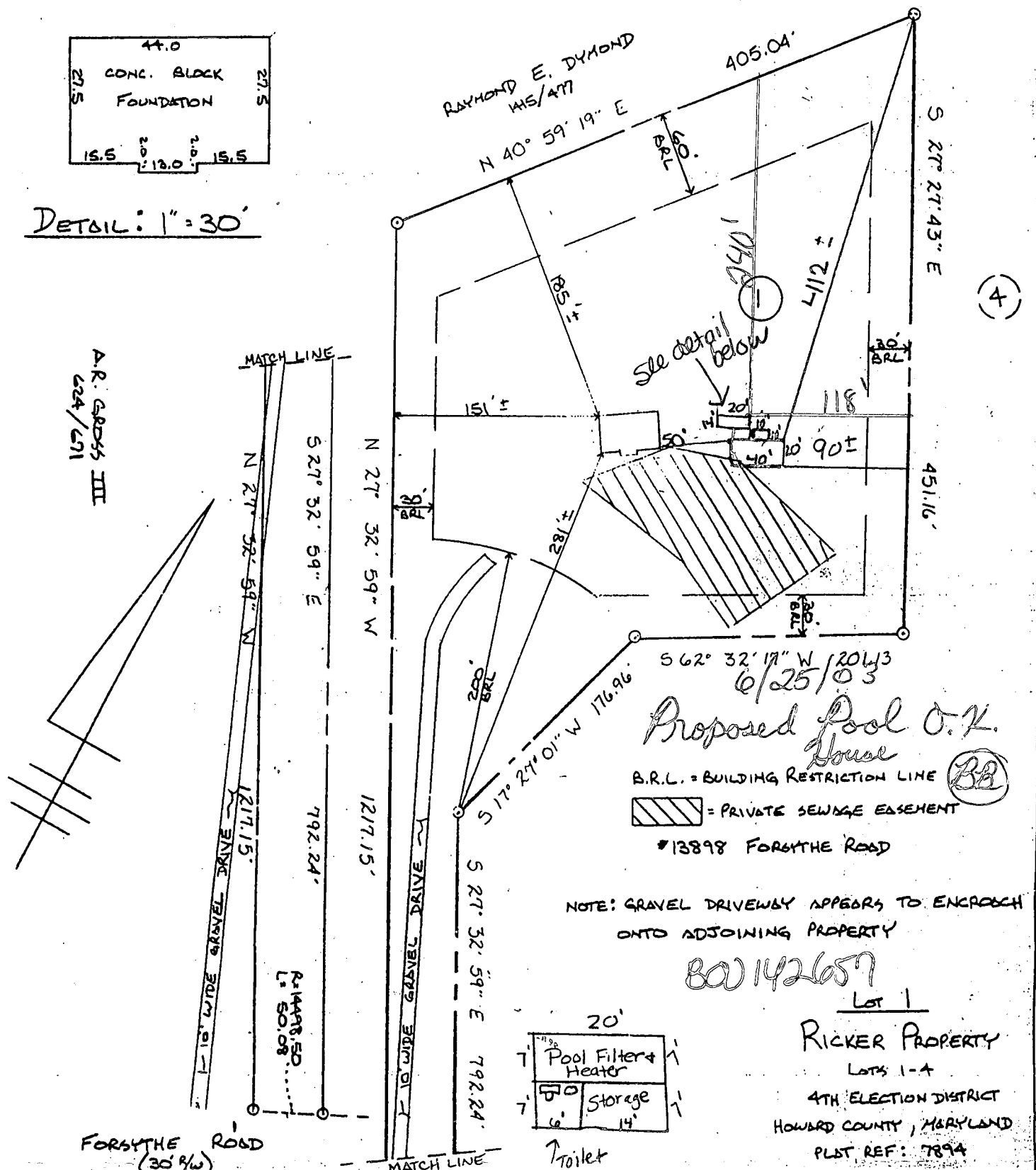
TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill I gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	32 ft	5 Sec	[Large handwritten scribble]	12 GPM
9:00	32 ft	5 Sec		12 GPM
9:15	32 ft	5 Sec		12 GPM
9:30	32 "	5 "		12 "
9:45	32 "	5 "		12 "
10:00	32 "	5 "		12 "
10:15	32 ft	5 Sec		12 GPM
10:30	32 ft	5 Sec		12 GPM
10:45	32 ft	5 Sec		12 GPM
11:00	32 "	5 "		12 "
11:15	32 "	5 "		12 "
11:30	32 ft	5 Sec		12 GPM
11:45	32 ft	5 Sec		12 GPM

GENERAL NOTES:

- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 200 400 OR B, EFFECTIVE DATE: DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 2' PLUS OR MINUS (±).



DETAIL: 1" = 30'



A.R. GROSS III
424/471

Proposed Pool O.K.
House

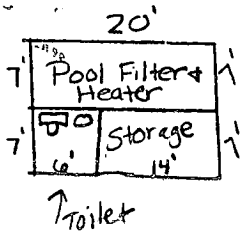
B.R.L. = BUILDING RESTRICTION LINE
= PRIVATE SEWAGE EASEMENT

13898 FORSYTHE ROAD

NOTE: GRAVEL DRIVEWAY APPEARS TO ENCROACH ONTO ADJOINING PROPERTY

800142657

Lot 1
RICKER PROPERTY
Lots 1-4
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT REF: 7894



FISHER COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CONTINENTAL SQUARE OFFICE PARK - 18272 BALTIMORE NATIONAL FREE
ELLIOTT CITY, MARYLAND 20622
1989 148 - 2025



[Signature]
PROFESSIONAL LAND SURVEYOR DATE 10/7/96
REG. #10763

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 10-4-96
FINAL LOCATION:
BOUNDARY SURVEY:
SCALE: 1" = 100'
DATE: 10-7-96
DRAWN BY: *[Signature]*
CHECKED BY: MLR
PROJECT No.: 91075