

7/8/99  
Anytime  
7/9/99  
late a.m. c.o.

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511953

A 34770

DISTRICT \_\_\_\_\_

DATE 6/17/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 7/9/99

INSPECTOR BA

## INDEXED

04-344421

W. R. Becker & Company IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 15300 Carrs Mill Road, Woodbine, MD 21797 PHONE 410-442-5737

SUBDIVISION Retler Property LOT 2 ROAD 15514 Carrs Mill Road

PROPERTY OWNER W.R. Becker, LLC  
15514 Carrs Mill Road

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS TOP SEAMED TANK REQUIRED

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Begin trenches 120 feet off the front (250.00') lot line and 70 feet off the right (1196.10') lot line. 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/RR

PLANS APPROVED BY Amy McMillen DATE 4-23-1999

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 PERMITS SIGNAGE AND RETURNED 9/26/2000

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED) 800126672 DETACHED GARAGE

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

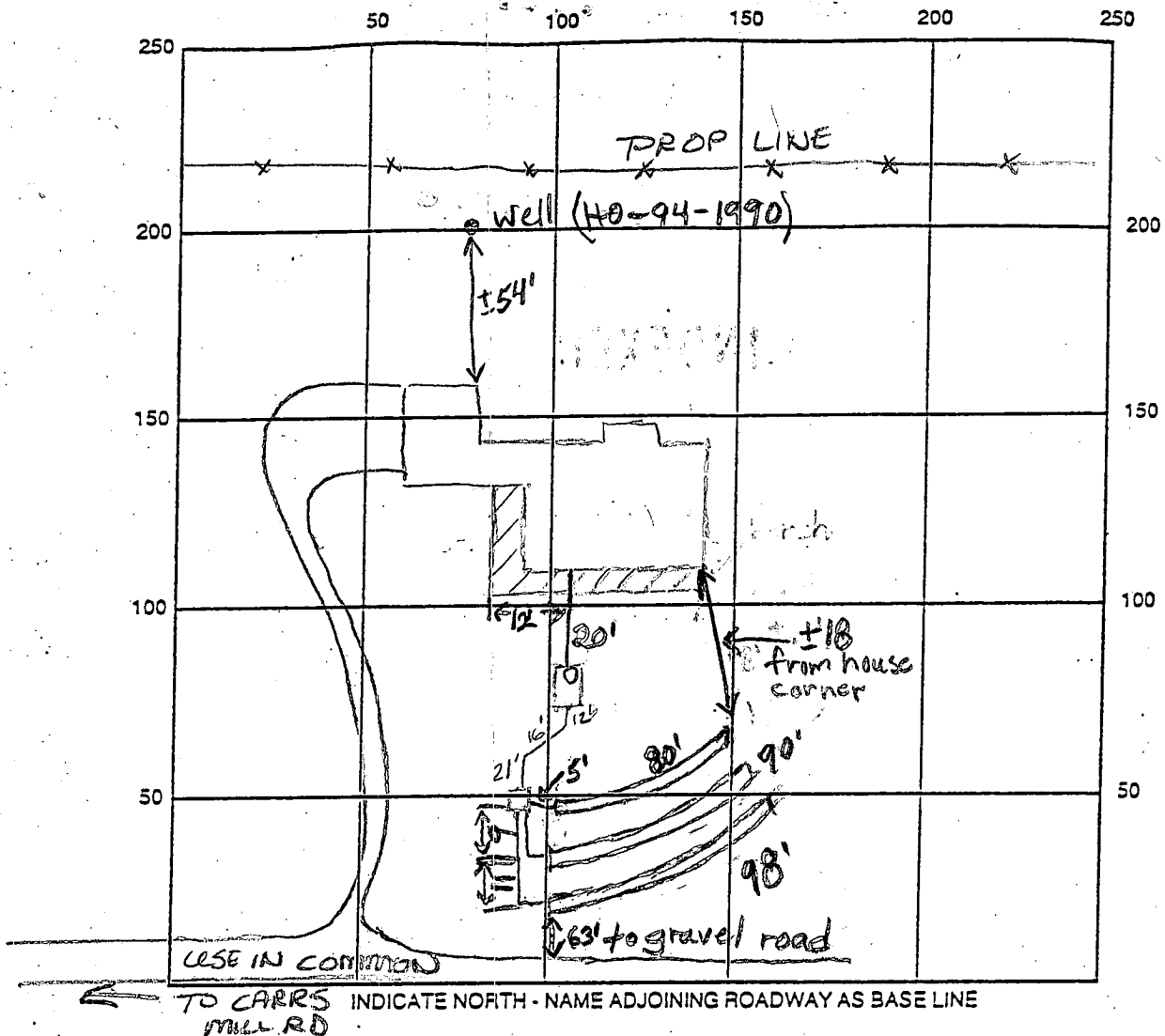
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS PERMIT SIGNED AND RETURNED 9-16-99

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. perpetual tank

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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



SEPTIC TANK LEVEL 1250 gal CLEANOUTS 1-6" tank

DISTRIBUTION BOX LEVEL ok-preform

DRAIN FIELD/TITLE DEPTH 40 FT. TRENCH WIDTH 30 FT. INLET DEPTH 2.0 FT.

EFFECTIVE GRAVEL DEPTH 20 FT. TOTAL LENGTH ~~80,90,98~~ 268 FT.

NUMBER OF TRENCHES 3 ONE-SIDED WALL/BOTTOM AREA 804 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 7/8/99 OK to cover 1st trench & continue &  
Installer said house connection made. O.K. to cover everything. (BB)  
7/9/99

DATE SYSTEM APPROVED 7/9/99 INSPECTOR Brian Baker

# APPLICATION

1/25/85  
1/28/85

SEWAGE DISPOSAL TESTING

A 34770

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 478 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

DISTRICT 4th

DATE 4/9/85

5/20/98  
WALKOVER LOT  
CORNER STAKED  
SQA IS IN A GOOD  
POSITION ON LOT NO NEED  
TO RETEST, PROVISION FOR  
GOOD WELL SITE.

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 Ralph Retler W.R. Becker

ADDRESS Carrs Mill Road PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Retler Property LOT NO. 2

ROAD AND DESCRIPTION 15379 Carrs Mill Road

SIZE OF LOT 4.1 acres TYPE BLDG. SFD - 4 BR  
(NUMBER OF BEDROOMS)

~~PERMIT SIGNATURE~~  
~~RETURNED~~ 4-23-89  
Serial # B 0117244  
SFD - 4 BR

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.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

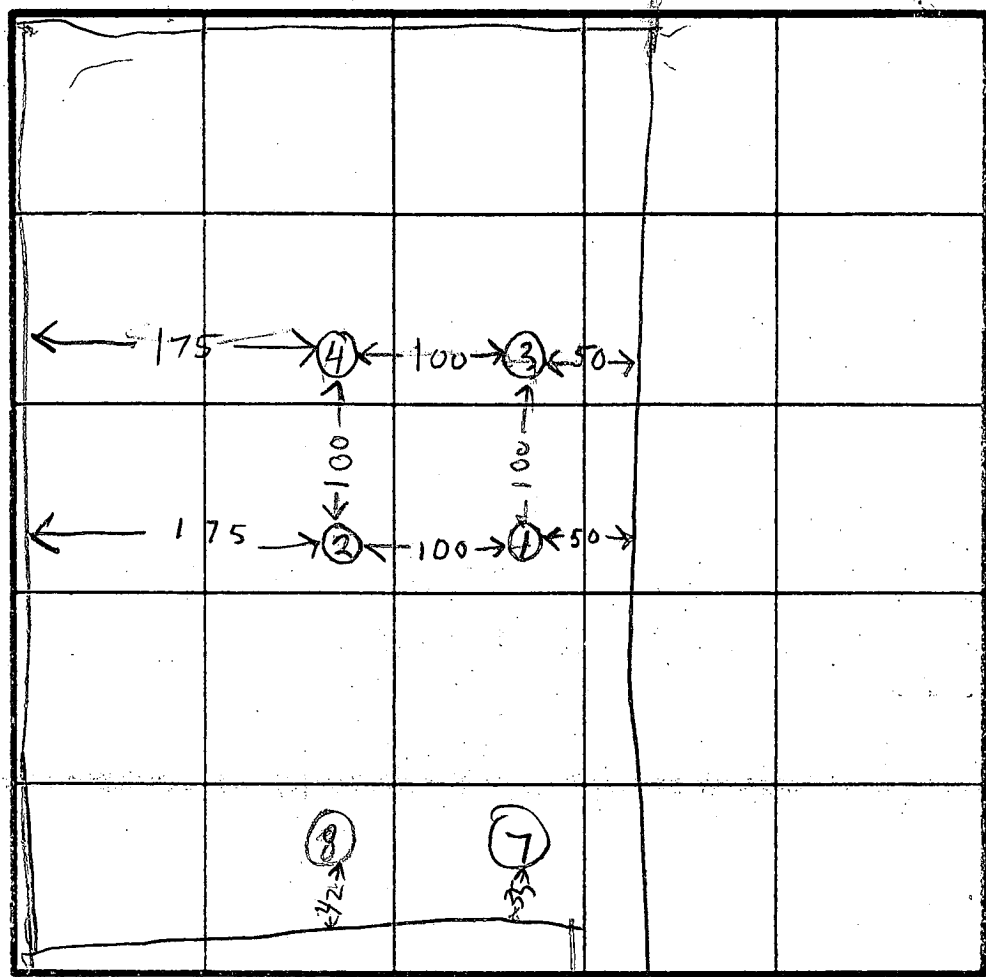
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 1/28/85 - PERC. OK BUT LOT LINE TO BE CHANGED  
& PERC CERT NOT NEEDED AT THIS SA

# THIS IS NOT A PERMIT

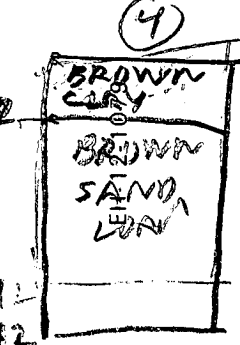
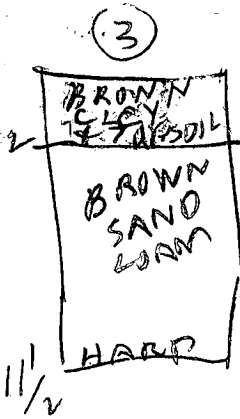
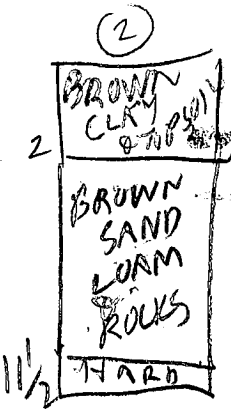
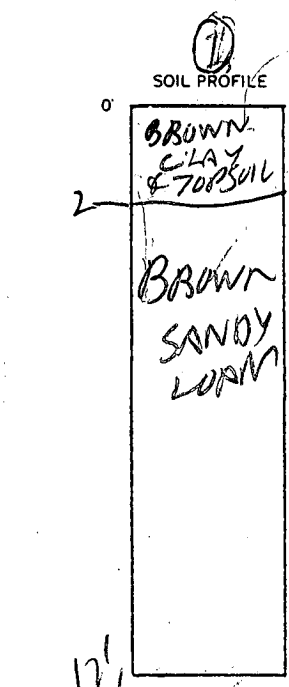
SEE PLAT



HOLE ELEVATION

- ② HIGHEST
- ① NEXT HIGH
- ③ ④ LOW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

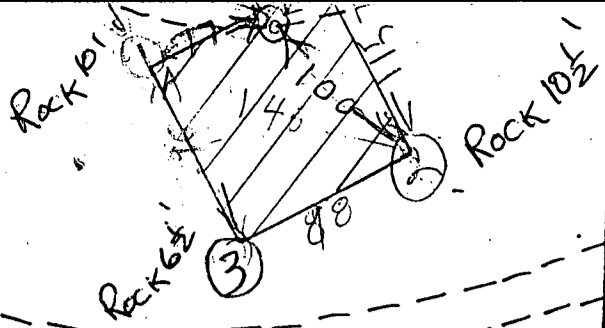


DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/25/95	1S	2	1126	1136	1138	1141	5	
	1D	6 1/2	1130	1133	1133	1144	8	
	2S	2 1/2	1128	1135	1135	1142	7	
	2V	17 1/2	LOOKS OK	OK				
	3V	12	LOOKS OK	OK				
	3S	2 1/2	1137	1139	1139	1144	5	
	3V	10 1/2	LOOKS OK	OK				
	4S	2 1/2	1145	1200	1200	1220	20	
	4V	12	LOOKS OK	OK				
	7V		See perc sheet for lot 1					
	8V		See perc sheet for lot 1					

REMARKS PER C HOLES DUG PER ENGINEERS PLAT RH  
 1-29-85- TWO HOLE FROM LOT 1 (#7+8) ARE LOCATED ON LOT 2. USED NEW  
 TYPE OF SOIL. PLAT WITH CHANGED LOT LINES. SA.

TESTED BY R HODGES SAREL BACKHOE OPERATOR  
 ALSO PRESENT KENNY ALLEN WORKER

580



570

LOT 3

6.4±

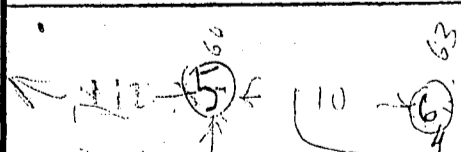
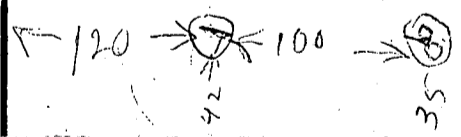
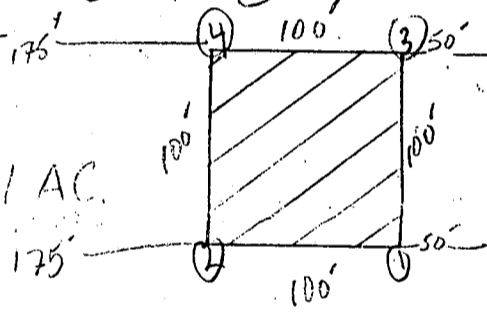
560

550

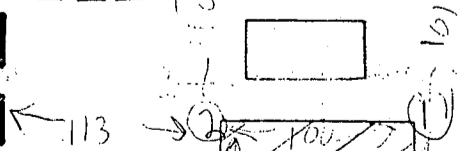
540

LOT 2

4.1 AC.



540



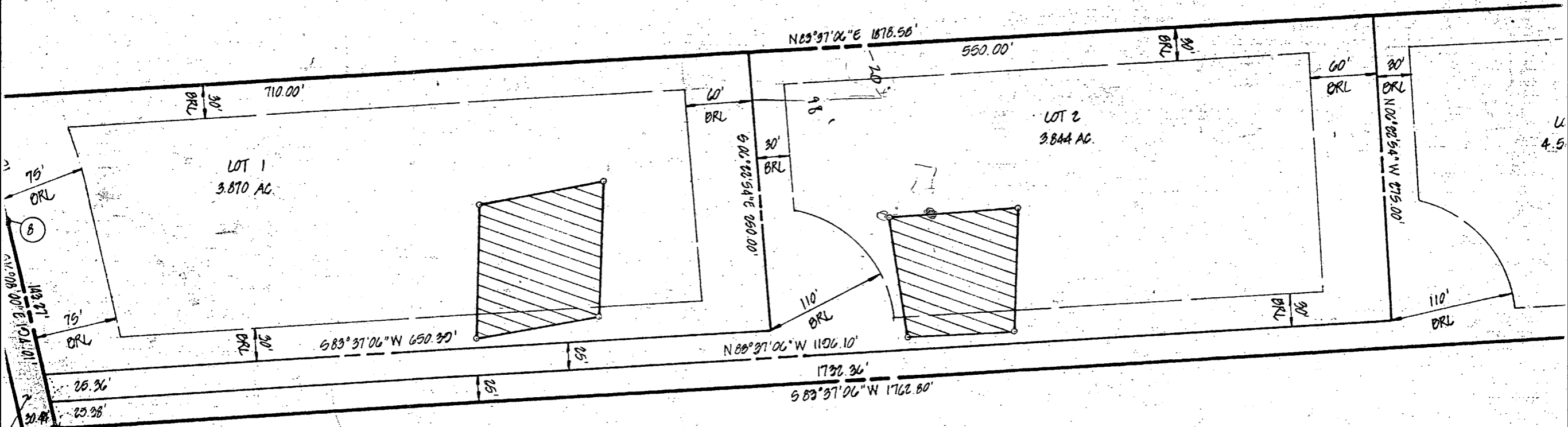
LOT 1

1050'

8.919	786,112.324
50.463	786,300.744
47.072	786,360.492
8.403	786,308.015
57.268	786,256.046
1.023	786,287.621
6.830	786,336.823

7-6	998.91'	114.70'	57.70'	16'02"13"
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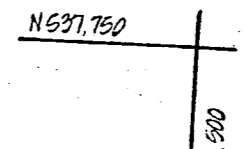
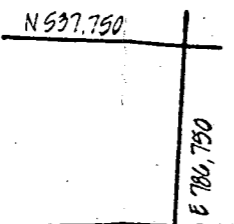
HARRY H. RIPPEON  
170/505



LAND DEDICATED TO HOWARD COUNTY MARYLAND FOR THE  
PURPOSE OF A PUBLIC ROAD. (0.213 AC.)

RESIDUE  
RALPH L. RETLER  
580/630

F-85-175







B 1 8621

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type.

STATE PERMIT NUMBER

HO-94-1990  
fill in this form completely

Date Received (APA)  
12-04-98

OWNER INFORMATION RN 7688

B 3 Howard

LOCATION OF WELL CCW

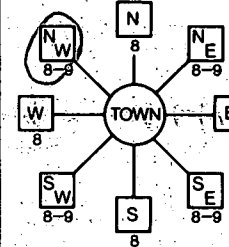
Becker William  
15 Last Name Owner First Name 34  
15300 Carrs Mill Rd  
36 Street or RFD 55  
Woodbine, Md 21797  
57 Town 70 State 72 Zip 76

8 COUNTY 21  
Retler  
23 SUBDIVISION 42  
SECTION 44 46 LOT 2 48 50  
Glenwood  
52 NEAREST TOWN 71

DRILLER INFORMATION  
George F. Easterday M. W. D. 040  
Driller's Name 76 License No. 81

L. Franklin Easterday, Inc.  
Firm Name  
9265 Brown Church Rd., MT. Airy, Md. 21771  
Address  
George F. Easterday 12/3/1998  
Signature Date

B 4  
1 2  
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



15535 Carrs Mill Rd  
11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST EAST  
SOUTH  
500  
34 37  
DISTANCE FROM ROAD Ft. 38 39  
ENTER FT OR MI  
TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

B 2 WELL INFORMATION 5  
1 2  
APPROX. PUMPING RATE (GAL. PER MIN.) 8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, DEWATERING
- P PUBLIC WATER SUPPLY WELL
- T TEST/OBSERVATION, MONITORING
- G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A34770  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ INSERT S →  
DATE ISSUED 12-08-98 A. McMillen 12/8/99  
43 MM DD YY 48 CO SIGNATURE EXP. DATE  
NORTH GRID 530 000 EAST GRID 780 000  
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET  
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered)  JETTED  Jetted & DRIVEN
- AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)
- CABLE  REVERSE-ROTARY  DRIVE-POINT
- other \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

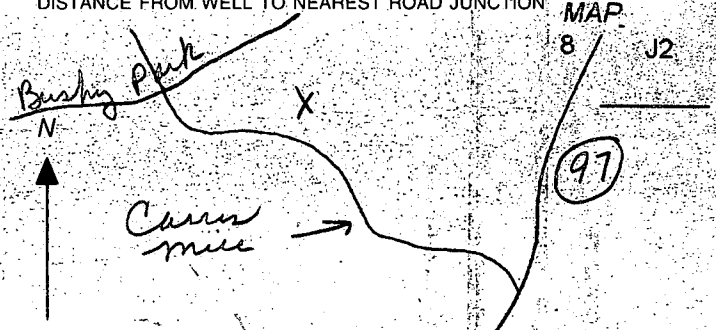
- SOURCES OF DRILLING WATER
1. wells
  - 2.
  - 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 780

N 530

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



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

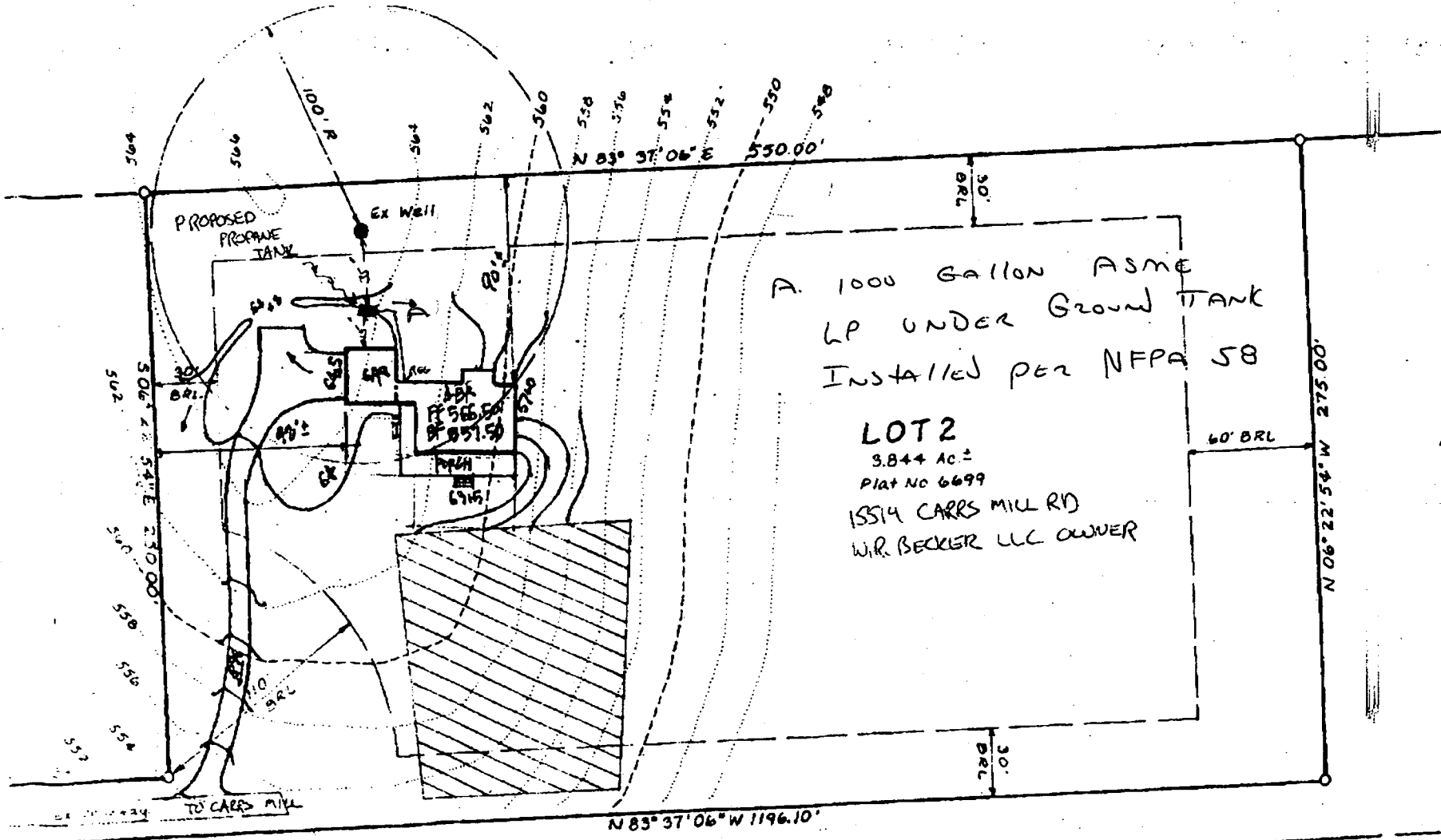
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 \_\_\_\_\_ 63

PERMIT No. HO-94-1990  
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

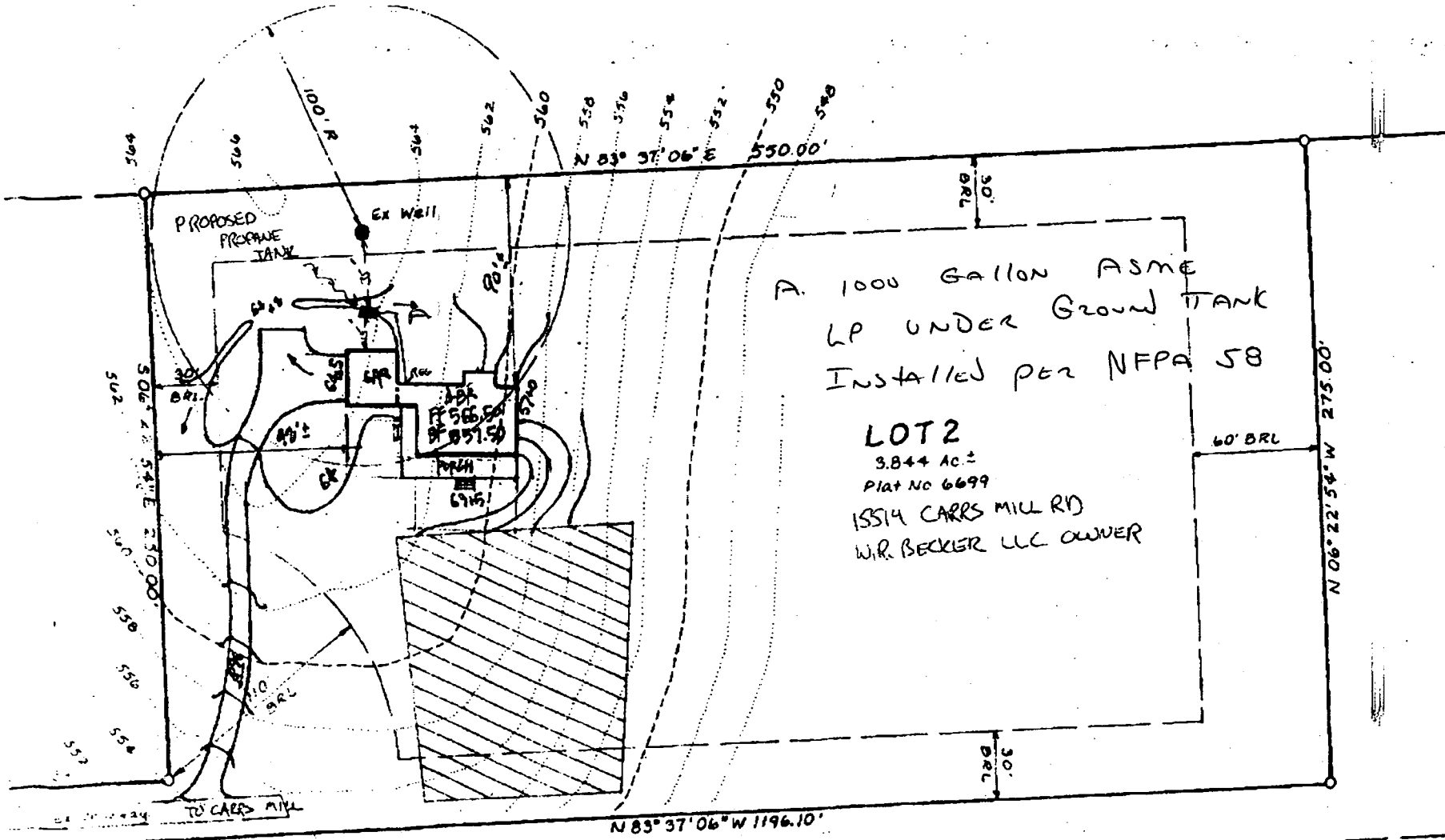
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.



A. 1000 GALLON ASME  
 LP UNDER GROUND TANK  
 INSTALLED PER NFPA 58

LOT 2  
 3.844 Ac. ±  
 Plat No 6699  
 15514 CARRS MILL RD  
 W.R. BECKER LLC OWNER

CONCEPT GRADING  
 WPA 11/2/01



A. 1000 Gallon ASME  
LP UNDER Ground TANK  
Installed per NFPA 58

LOT 2  
3.844 Ac.±  
Plat No 6699  
15514 CARRS MILL RD  
W.R. BECKER LLC OWNER

CONCEPT DRAWING  
Date 11/20/01

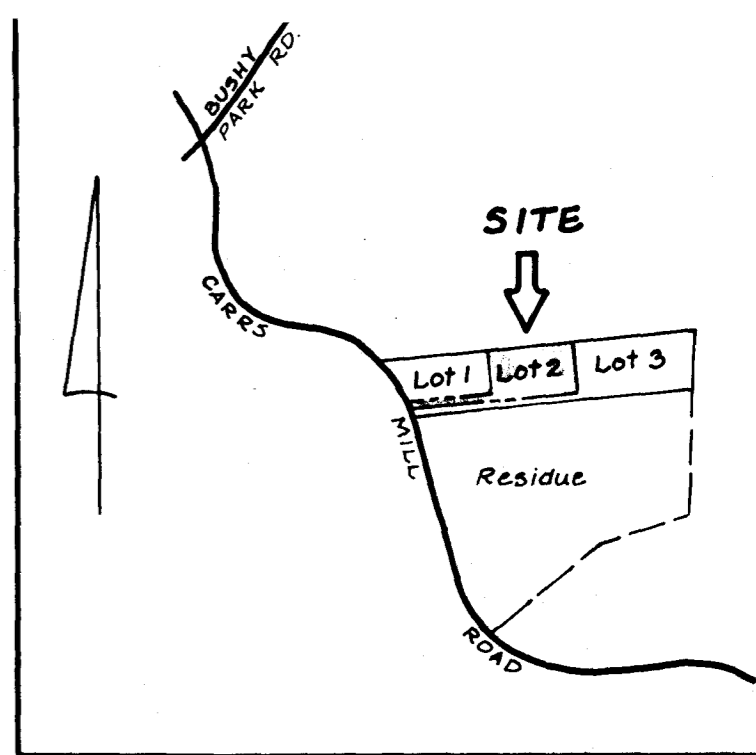


Total linear feet of trench required 280 feet  
 Width of trench(es) 3.0 feet  
 Depth of trench(es) 4.0 feet  
 Depth of stone required below distribution pipe 2.0 feet

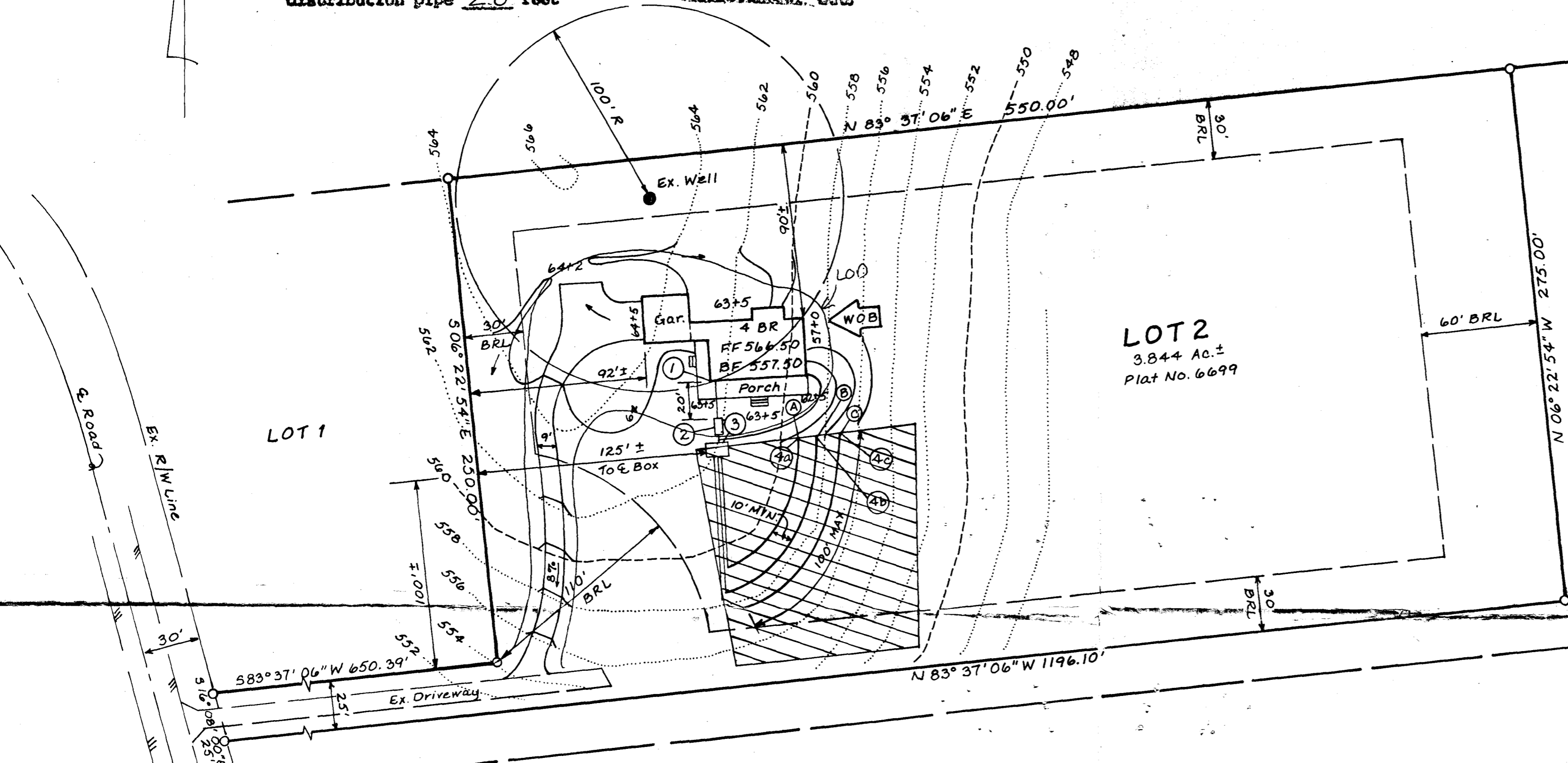
Approved Septic System Plan  
 Howard County Health Department

RIPPEON PROPERTY  
 LOT 2  
 MARY JANE SULLIVAN  
 2475/402  
 ZONED: RC

*Ann McMull* 4/23/99  
 Signature Date



VICINITY MAP  
 SCALE: 1" = 1,000'



WILLIAM R. BECKER  
 4056/111  
 ZONED: RC

- SEPTIC SYSTEM DESIGN DATA: (4 Bedrooms)**
- ① Inv. @ Wall: 560.80
  - ② 1250 Gallon Septic Tank (Provide Manhole to Fin. Grade)  
 Ex. Ground @ Tank: 562.00  
 Fin. Grade @ Tank: 563.50  
 Inv. In: 560.40  
 Inv. Out: 560.10
  - ③ Distribution Box (Provide 4 Outlets Min.)  
 Ex. Grade @ Box: 562.00  
 Fin. Grade @ Box: 562.00  
 Inv. @ Box: 560.00
  - ④ Trench Design (210 SF/Bedroom + 3 ft.) = 70 LF/BR x 4 BR = 280 LF

	(A)	(B)	(C)
Ex. Grade @ Trench:	559.20	558.40	557.45
Fin. Grade @ Trench:	559.20	558.40	557.45
Inv. @ Trench:	557.20	556.40	555.45
Bottom of Trench:	553.20	552.40	551.45
Length of Trench:	80 LF	100 LF	100 LF

\* NOTE: Sewage Pump required for Basement service.

<b>LDE, INC.</b>		
9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 598-3424 (410) 715-9540 (Fax)		
DESIGNED:	PLOT PLAN <b>RETLE PROPERTY LOT 2</b>	SCALE: 1" = 50'
DRAWN: <b>STB</b>		DRAWING: 1 OF 1
CHECKED: <b>BDB</b>	Tax Map 14 P/O Parcel 188 4th Election District Howard County, MD.	JOB NO: <b>99-017</b>
<b>4/1/99</b>	Owner/Developer W.R. BECKER & CO., LLC 15300 Carrs Mill Road Woodbine, MD 21797 410-442-5737	FILE NO: