

5-12-97
at m. 00
5pm - 4pm
5/13/97 WPI 12:00

04-358317

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 58130A

A 43363

DISTRICT 4th

DATE 5-6-97

DATE SYSTEM APPROVED 5-12-97

INSPECTOR KM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 313-2640

Olen Ketterman IS PERMITTED TO INSTALL X ALTER

ADDRESS 14960 Route 144 Woodbine, Maryland 21797 PHONE (410) 442-1336

SUBDIVISION Carriage Mill Farms LOT 6 ROAD 14720 Carriage Mill Drive

PROPERTY OWNER Oak Hill Properties DEBORAH PARLETT (BROWN)

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

2400 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 792

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 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 190 feet from the front lot line and 10 feet from the 144.94' line. Run trenches along contour as seen when facing property from Carriage Mill Drive.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/25/97 DKS

PLANS APPROVED BY Sykes/Donna K. Soe REVISED DATE 03/21/97

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

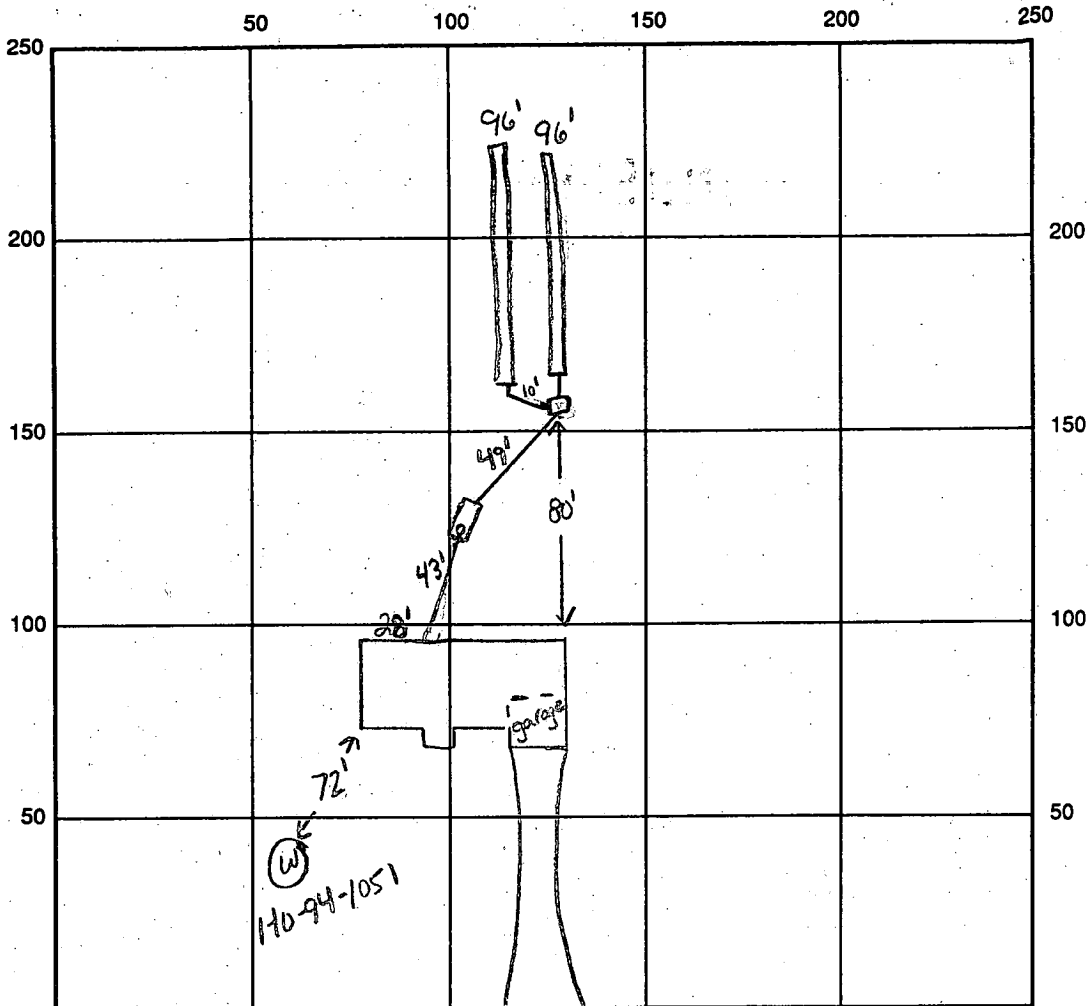
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BLOG PERMITS
AND RETURNED 9/12/01
B00132339. Rear deck
2 levels w/ steps

A
43363



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Carriage Mill Drive

SEPTIC TANK LEVEL ok, 1250 gallons

CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL ok, baffle in

DRAIN FIELD/TITLE DEPTH 9 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT.

TOTAL LENGTH 2 x 96 FT. → 192

NUMBER OF TRENCHES 2

ONE SIDEWALL/BOTTOM AREA 960 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 5-12-97 house conn made, ok to continue KM

5-12-97 (pm) ok to cover all work KM

6-16-97 WPI ok to cover, P.A. 5.0' below grade, casing 3.0' above grade, has 2 piece cap (KM)

DATE SYSTEM APPROVED 5-12-97

INSPECTOR Kim Maito

APPLICATION

PERCOLATION TESTING

A 43363

P _____

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

DISTRICT 47E

DATE 1-6-89

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 JOSEPH B. BERKE

ADDRESS 414 TIMBERCOVE CIRCLE - LONGWOOD, FL. 32779 PHONE 407-869-6717

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Berkshire Estates LOT NO. 29 30 40 6

ROAD AND DESCRIPTION _____

TAX MAP 8 PARCEL # 158

SIZE OF LOT 3.05 TYPE BLDG SF
(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.

Joseph B. Berke
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

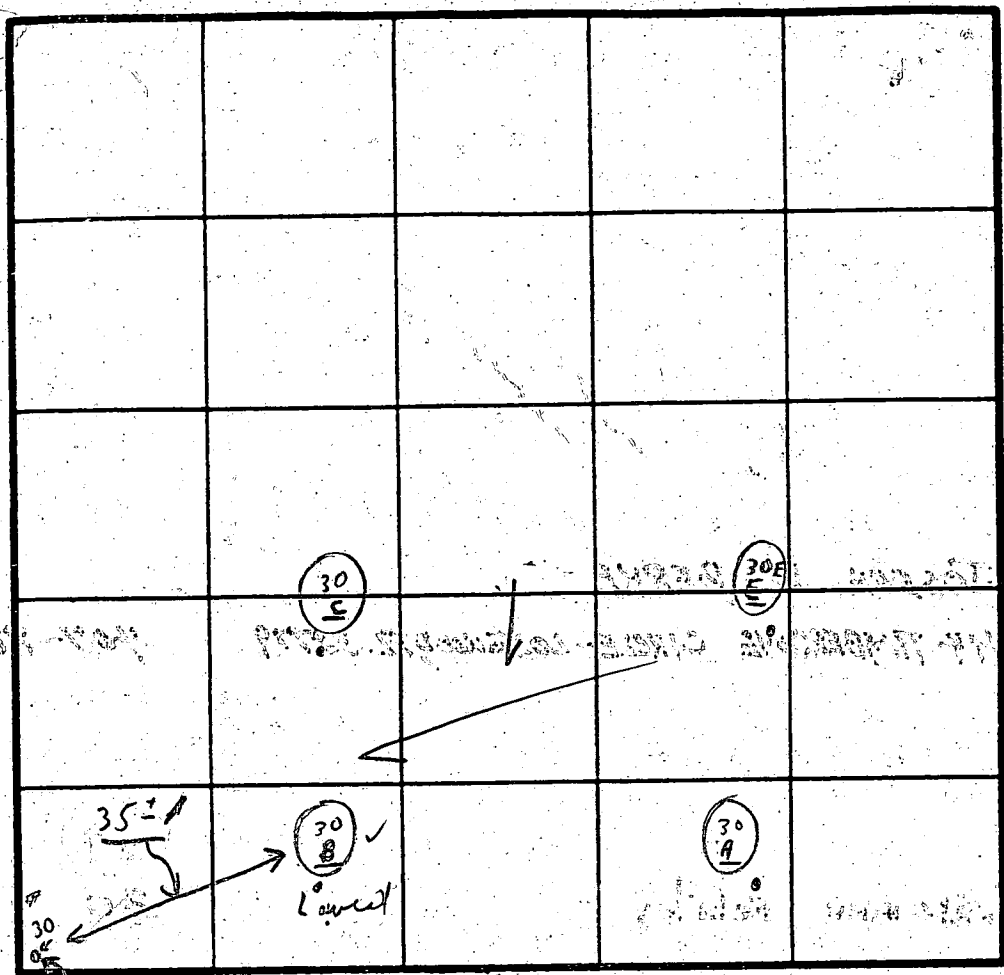
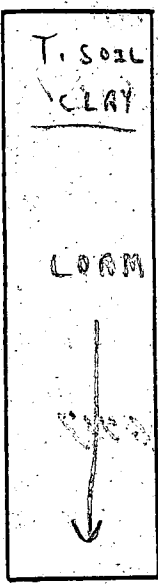
THIS IS NOT A PERMIT

new lot #29

A # 43363

~~38~~

SOIL PROFILE



15 minutes
average times
Inlet 4'
Good ground 6'
4/6
Only
(shallow system)

29
22
stakes

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE-LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
4/6/89	(30E)	6 ft	11:55	12:07	12:07	12:30	25' out
	(30E)	11 1/2'	11:53	11:55	Visual	12:01	Loam 6m
	(30A)	5 1/2'	11:56	12:05	12:05	12:21	16m
	(30A)	15'			Visual	Loam	
	(30B)	6 1/2'	11:58	12:00	12:00	12:02	1 1/2' m
	(30B)	15 1/2'			Visual	LOAM to WAT	ER) 15 1/2'
	(30C)	4 1/2'	12:03	12:08	12:08	12:23	15m
	(30C)	15'			Visual	LOAM	

REMARKS 4/6 Tests per stake, tests in green

TYPE OF SOIL

TESTED BY C.R.D.

ALSO PRESENT Arnold's man

0206

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 A43363

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

022897

300 (TO NEAREST FOOT)

H0-94-1051

OWNER: BERKE JOSEPH B. STREET OR RFD: CARRIAGE MILL Rd TOWN: COCKSVILLE SUBDIVISION: CARRIAGE MILL SECTION: LOT: 6

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 handwritten entries: Topsoil, Clay, Sandy Clay, Micaceous Sandstone, Sandy clay, Micaceous Sandstone, Granite, Fractured Granite, Granite, Fractured Granite, Granite.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER: A (well abandoned and sealed), 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 DRILLERS LIC. NO. 40

DRILLERS SIGNATURE: George F. Cartledge

LIC. NO. 386

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay) NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (Steel, Concrete, Plastic, Other) Nominal diameter top (main) casing, Total depth of main casing

OTHER CASING (if used) diameter, depth

SCREEN RECORD

screen type or open hole (Steel, Brass, Plastic, Open Hole, Other)

DEPTH (nearest ft.)

Table with columns: A, C, H, S, C, R, E, E, N and rows for depth measurements from 1 to 51 feet.

SLOT SIZE 1, 2, 3 DIAMETER OF SCREEN

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA

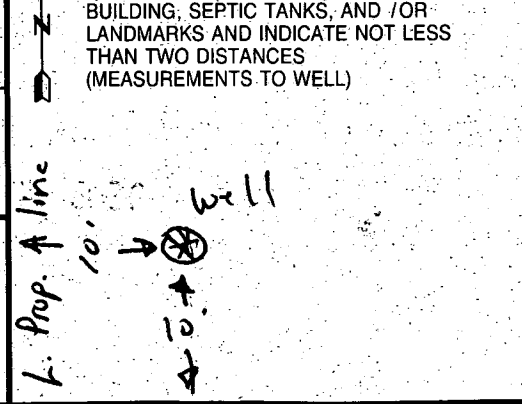
PUMPING TEST

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL BEFORE/WHEN PUMPING, TYPE OF PUMP USED (Submersible)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO), TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

LOCATION OF WELL ON LOT



LOT 30
59,844 sq. ft.

LOT 42
60,000 sq. ft.

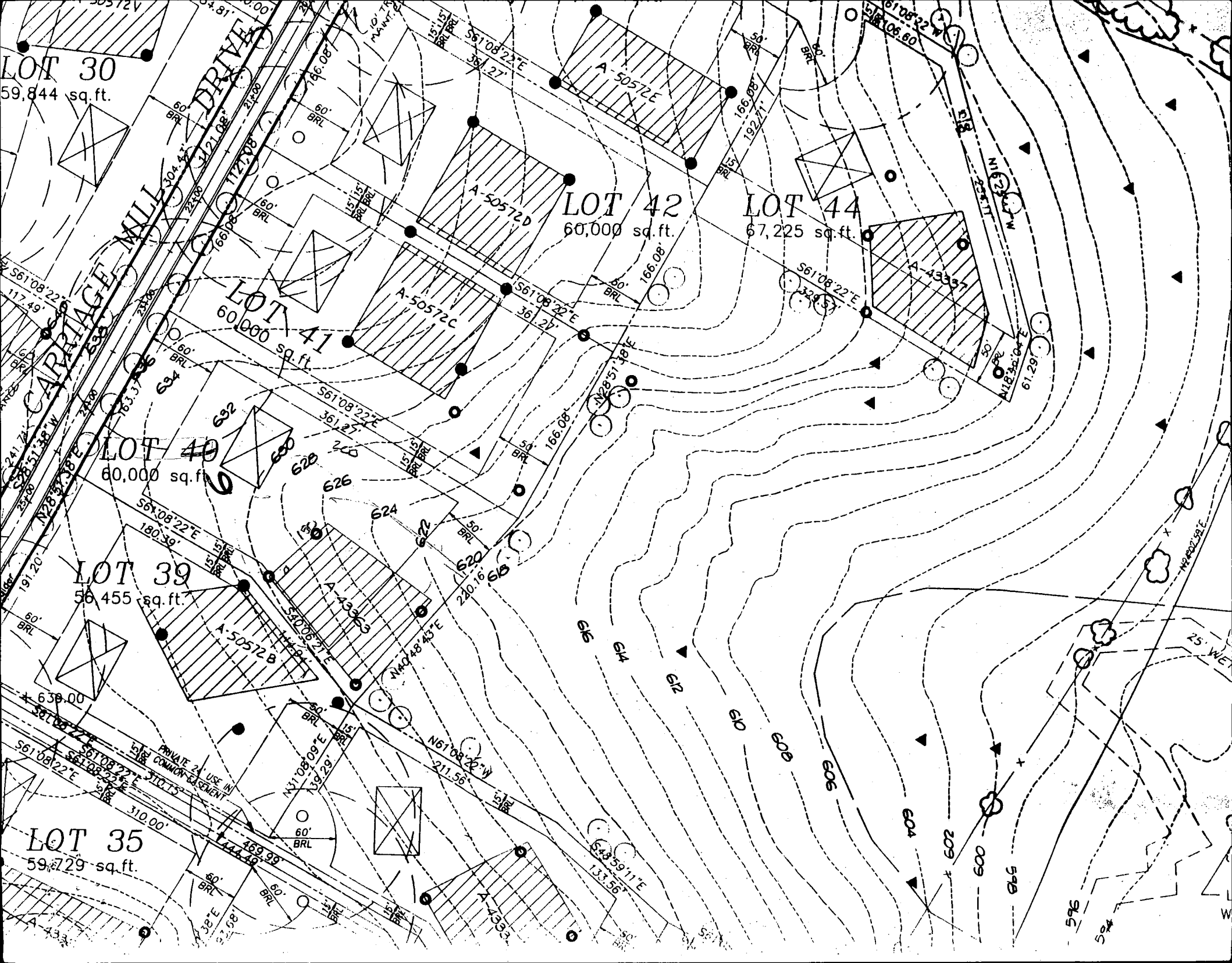
LOT 44
67,225 sq. ft.

LOT 41
60,000 sq. ft.

LOT 40
60,000 sq. ft.

LOT 39
56,455 sq. ft.

LOT 35
59,729 sq. ft.



Part of
Non-Buildable
Bulk Parcel C

Lot 9

Lot 10

Part of
Non-Buildable
Bulk Parcel B

Lot 13
Lot 14

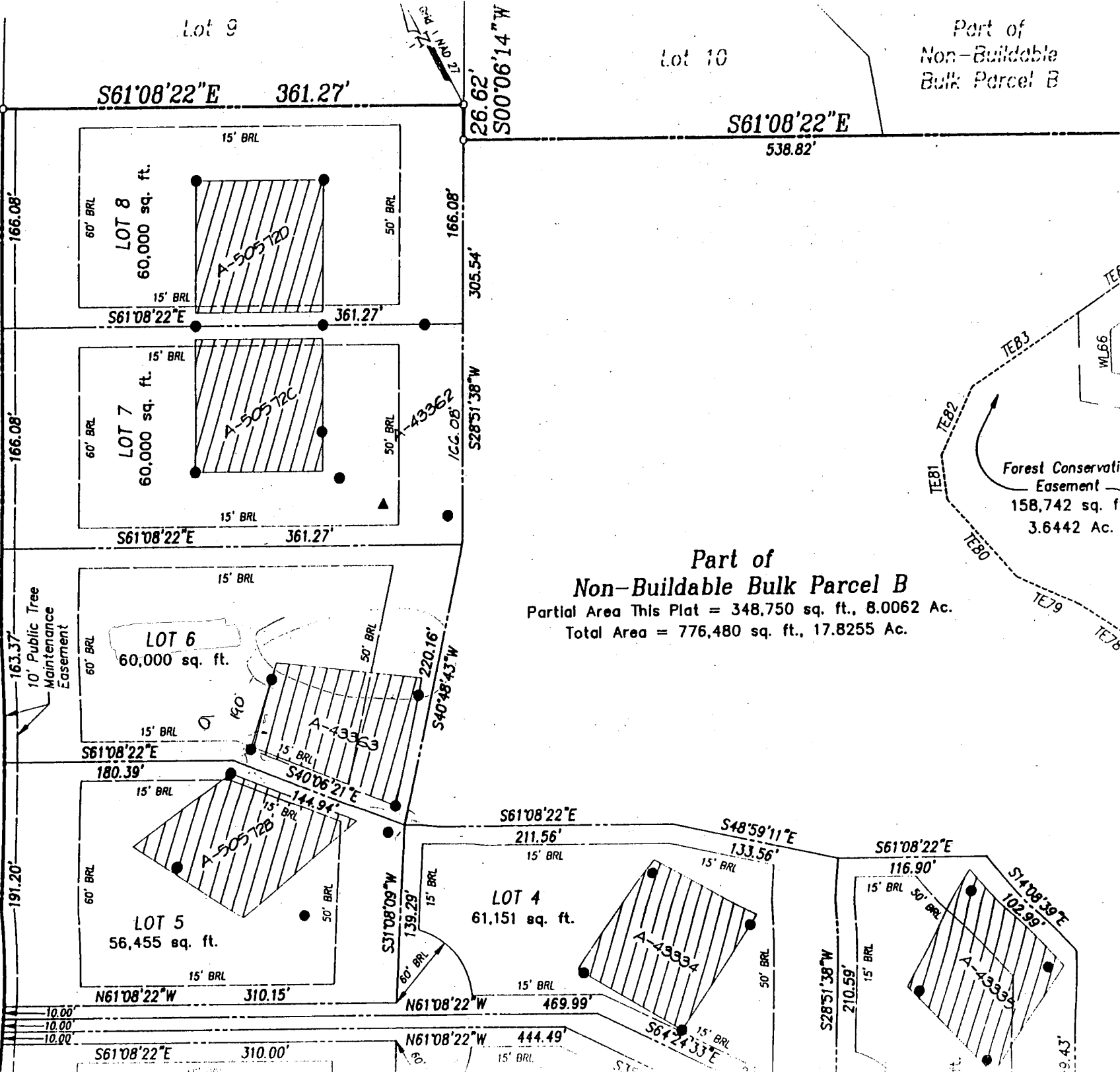
Lot 15

Lot 16

Lot 17
Lot 18

CARRIAGE MILL DRIVE
(50' Public R/W)
885.41'

N 543,250.00'
E 192,750.00'



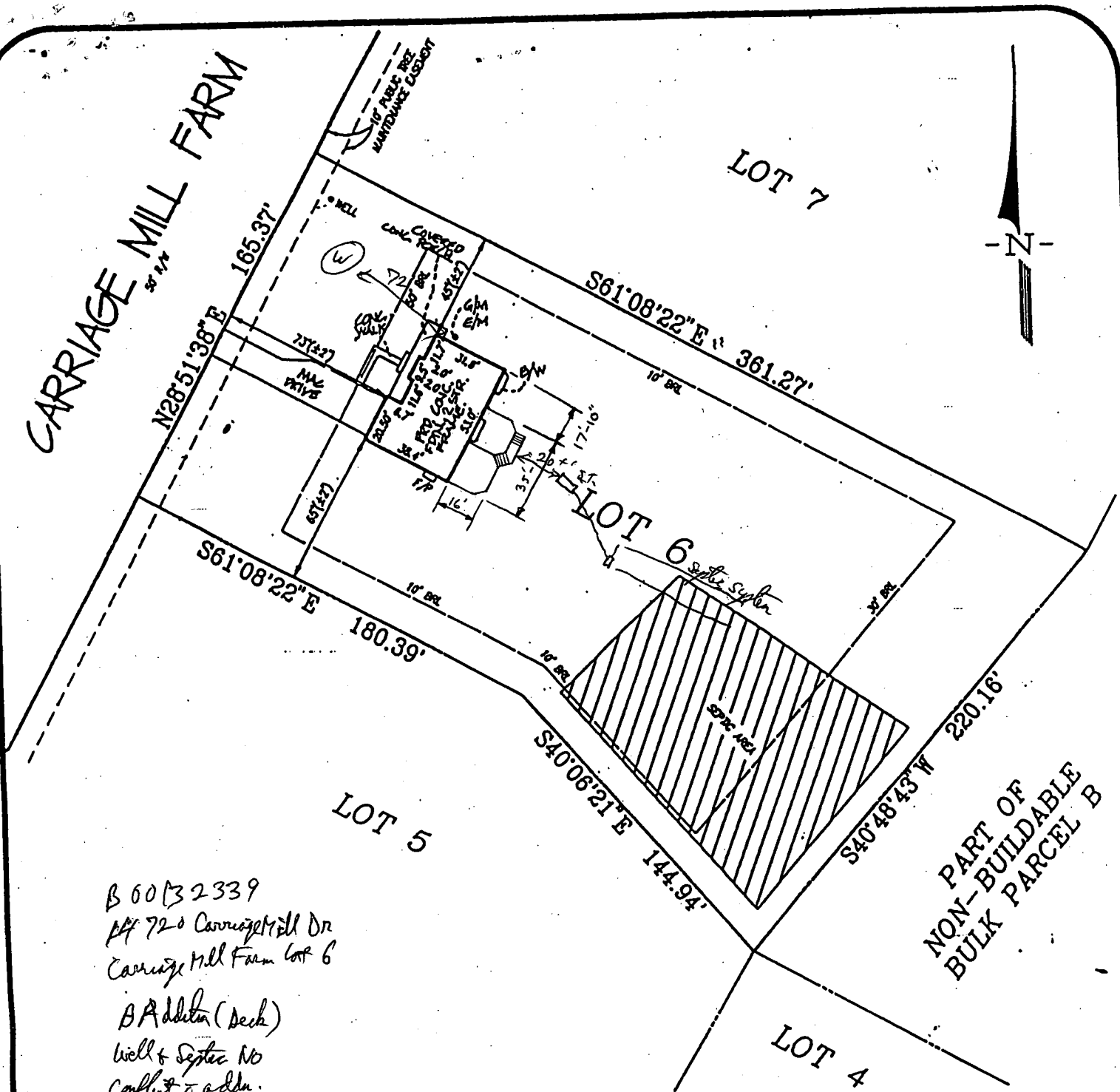
**Part of
Non-Buildable Bulk Parcel B**
Partial Area This Plat = 348,750 sq. ft., 8.0062 Ac.
Total Area = 776,480 sq. ft., 17.8255 Ac.

Phase One

"Carriage Mill Farms"
See sheet 2 of 5

of
ate
d with.

CARRIAGE MILL FARM



B 60132339
 1720 Carriage Mill Dr
 Carriage Mill Farm Lot 6
 BA Addition (Deck)
 Well & Septic No
 Conflict to addn.
 Recommend Approval
 AP 9/12/01

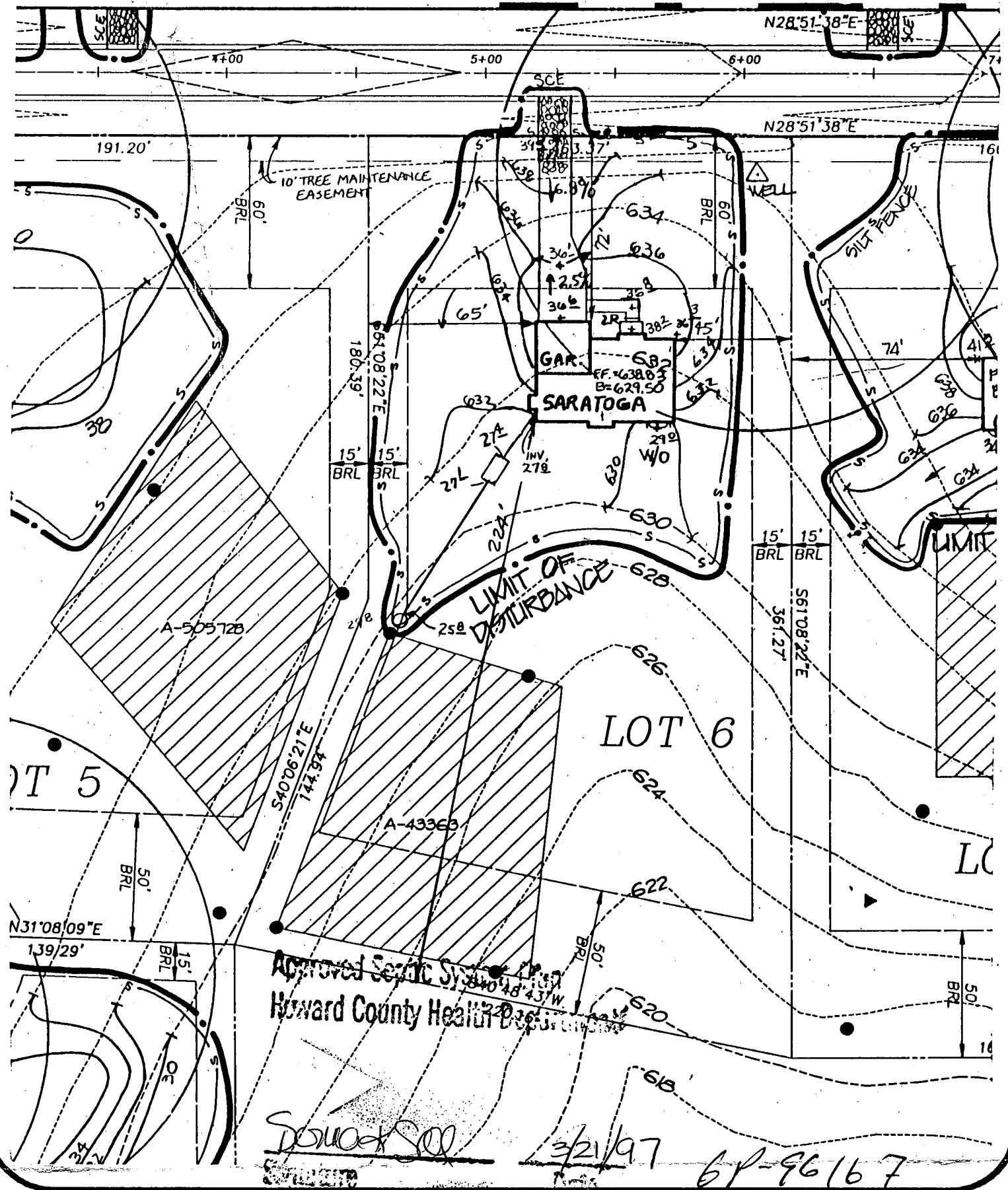
LOT 6
 CARRIAGE MILL FARMS

LEGEND

F/P	= FIREPLACE	O/H	OVERHANG
B/W	= BAY WINDOW	H/P	HEAT PUMP/AIR COND.
D/W	= DRIVEWAY	G/M	GAS METER
CONC	= CONCRETE	E/M	ELECTRIC METER

ADDRESS No.: 14720 CARRIAGE MILL DRIVE
 TOP OF WALL ELEV. = 637.62 FIRST FLOOR ELEV. = N/A
 NO BOUNDARY OR MONUMENTATION ESTABLISHED OR LOCATED.
 THE LOCATION DRAWING IS OF BENEFIT TO THE CONSUMER ONLY
 INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE
 COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED
 TRANSFER, FINANCING OR REFINANCING;
 THE LOCATION DRAWING IS NOT TO BE RELIED UPON FOR THE ES-
 TABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR
 OTHER EXISTING OR FUTURE IMPROVEMENTS;

CARRIAGE MILL DRIVE (F-96-70)



Approved Septic System
 Howard County Health Department

Signature 3/21/97 6P-96167

CARRIAGE MILL FARMS		SEPTIC DATA		R.M. MOCHI GROUP, P.C.	
PHASE I LOT 6		INV. OUT OF HOUSE = 627.80 INV. INTO SEPTIC TANK = 627.40 INV. OUT SEPTIC TANK = 627.10 INV. INTO DIST. BOX = 625.80 EX. ELEV @ DIST. BOX = 629.80		CIVIL ENGINEERS LAND SURVEYORS PLANNERS ENVIRONMENTAL	
DATE: 12/16/96	PROJECT NO.: 95005.22	3300 N. Ridge Road, Suite 235 Ellicott City, MD 21043-3350		(410) 461-0079 Fax: (410) 750-6340	
DRAWN BY:	SCALE: 1"=50'				