

4/10/99
10-11-22 After 3pm

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511595

A 50572-J

DISTRICT _____

DATE 5/19/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 6/10/99

INSPECTOR S.R.k.

04-361989

INDEXED

K & K Excavating _____ IS PERMITTED TO INSTALL ALTER _____

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

SUBDIVISION Carriage Mill Farms LOT 41 ROAD 14800 Carriage Mill Drive

PROPERTY OWNER Oakhill Properties

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 135 feet off front lot line and 30 feet off the right lot line as seen from Carriage Mill Drive. Run trenches along contour towards the right 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/MR

PLANS APPROVED BY Donna K. Soe DATE 4-28-1999

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 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.

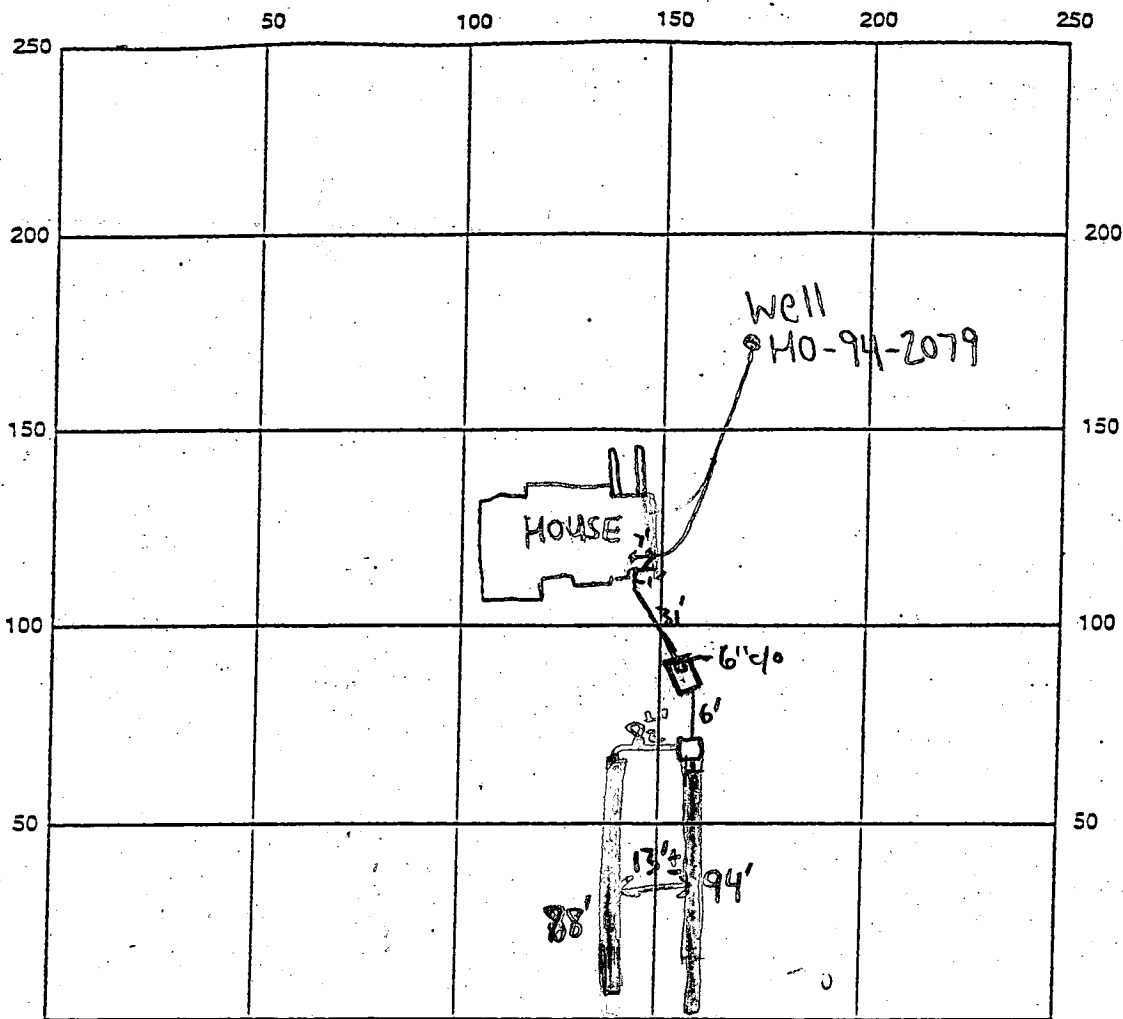
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

~~VOID PERMIT~~
~~NO RETURN~~ 4/5/01
B00129411-deck
9/26/2001 B00129411 Put Roof ON GA 2880

50572-J



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 CARRAGE MILL DRIVE

SEPTIC TANK LEVEL 1500 midseam tank CLEANOUTS 1-6"@tank

DISTRIBUTION BOX LEVEL Baffles in

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 182 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 728 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 6/10/99 - OK TO CONTINUE WORK/TRENCH INSPECTION OK (SRK)

6/10/99 - OK TO COVER ALL WORK (SRK) 9/7/99 - WPI OK (SRK)

DATE SYSTEM APPROVED 6/10/99 INSPECTOR Steven R. King

APPLICATION

PERCOLATION TESTING

A 50572J

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT 4

DATE March 6, 1995

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Oak Hill Properties, L.L.C.

ADDRESS 11501 Huff Court, North Bethesda, MD 20895 PHONE 301 816 9433

AGENT OR PROSPECTIVE BUYER Oak Hill Properties, L.L.C/ c/o Ralph E. Bice, III

ADDRESS Same as Above PHONE Same As Above

PROPERTY LOCATION:

SUBDIVISION Berkshire Estates LOT NO. 25 79 41

ROAD AND DESCRIPTION Property is located on the Northeast Side of the intersection of Route 144 and Old Frederick Road. (14800 CARRIAGE MILL DRIVE)

TAX MAP 8 PARCEL # 158 & 79

AND RETURNED 4-28-99
Serial # 130116988

SIZE OF LOT Average size equals 60,000Sq. Feet TYPE BLDG. Single Family Detached - 4 Bms
(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.

Ralph E. Bice, III
(SIGNATURE OF APPLICANT)
Ralph E. Bice, III

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

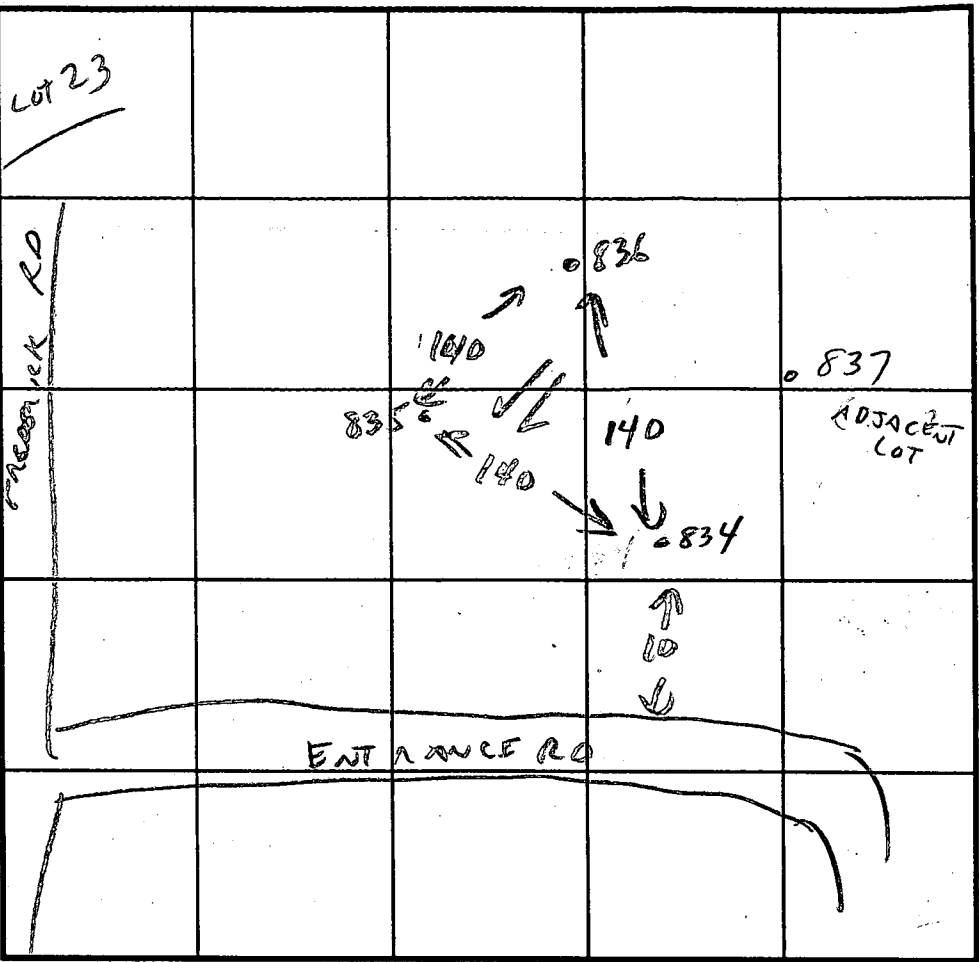
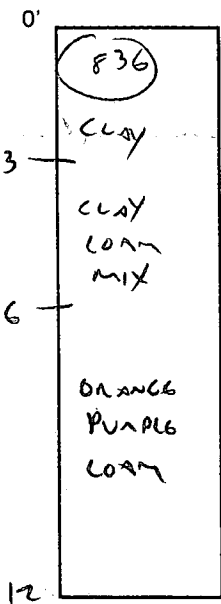
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

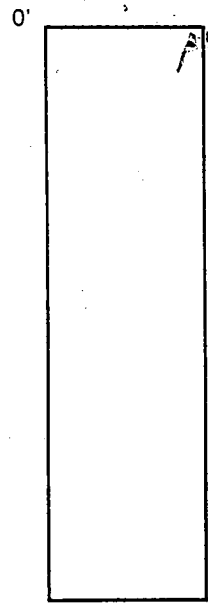
A50572J

COUNTY #

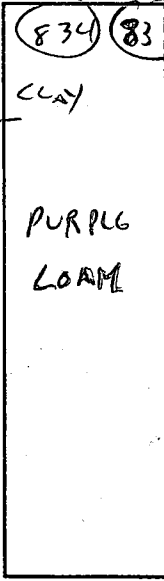
SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/12/95	836	3	12:25	12:28	12:28	12:35	2 MIN
		8	12:24	12:26	12:26	12:29	3 MIN
		12	VIS OK 3-12'		LOAM		
	834	3	12:28	12:30:30	12:30:30	12:34	3 1/2 MIN
		8					
		12	VIS OK 3-12'		LOAM		
	835	SAME AS		834			
		VIS OK		3-12'			

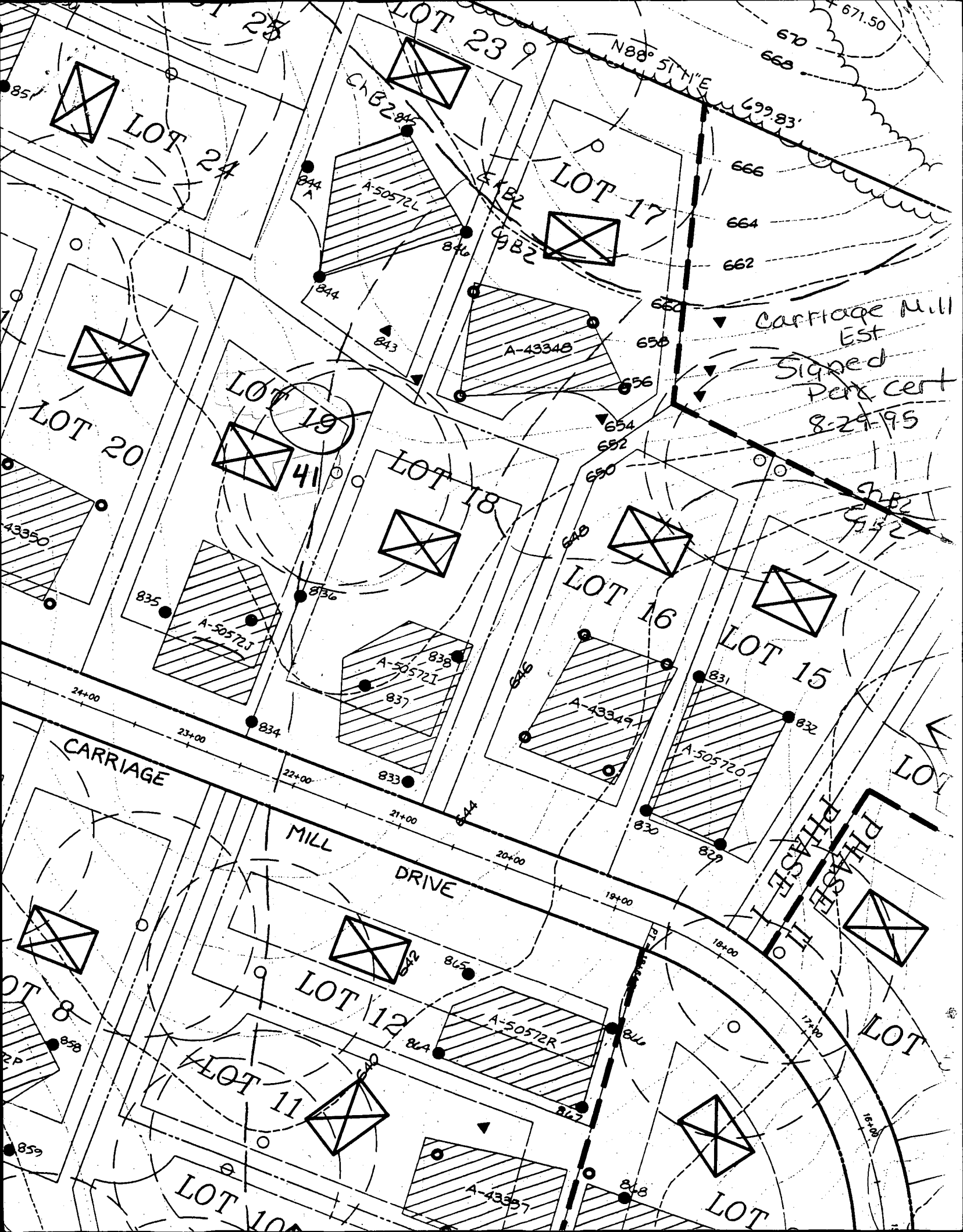
REMARKS _____

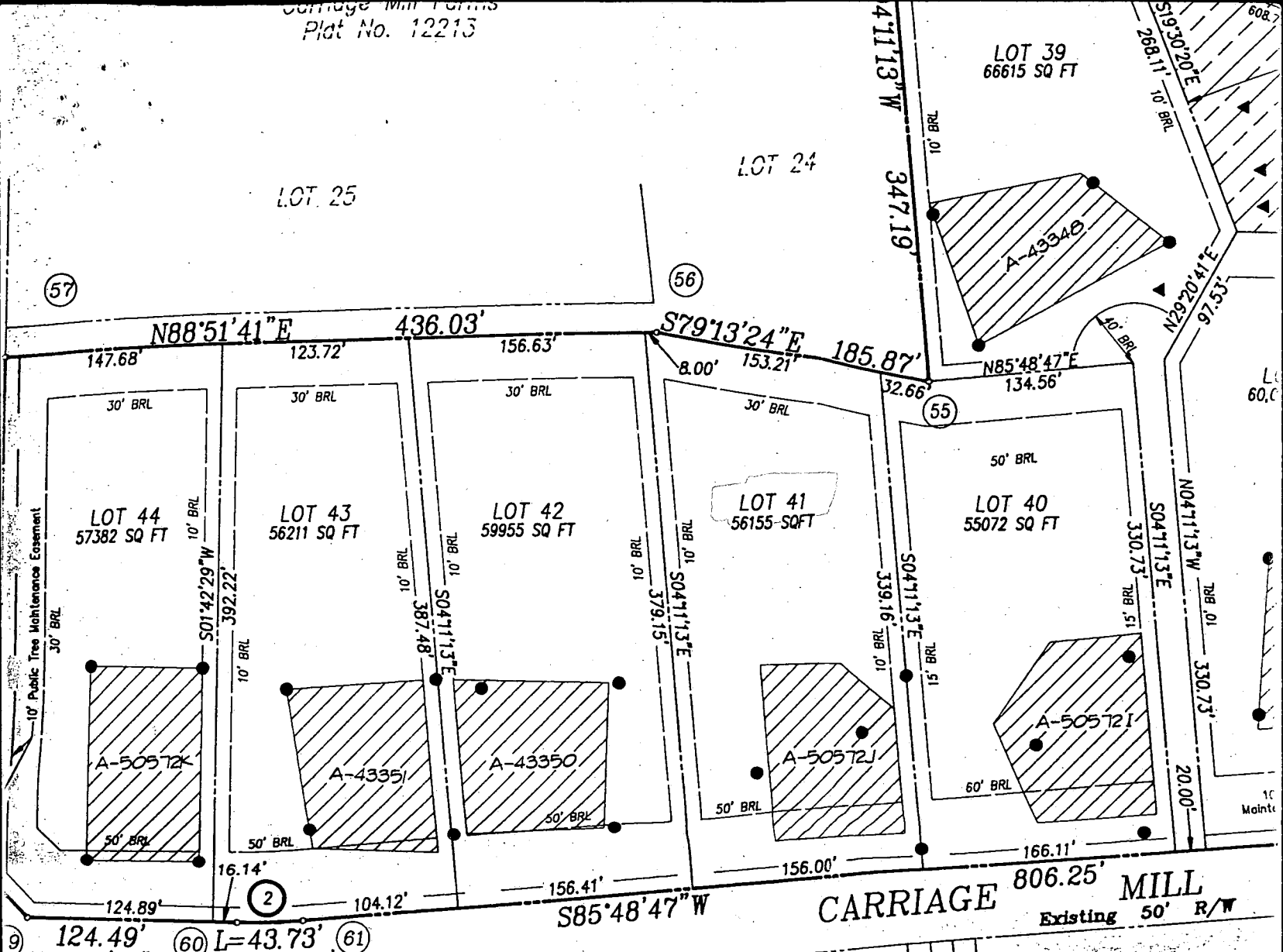
TYPE OF SOIL _____

TESTED BY CWELTON ALSO PRESENT R. BLICE

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 TRENCH WIDTH 2

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 7 SQ. FT./BEDROOM 180





Copy of signed final

MINIMUM LOT SIZE TABULATION

LOT NO.	GROSS AREA	PIPESTEM AREA	REMAINING AREA	100 YEAR FLOODPLAIN	25% SLOPES	MINIMUM LOT SIZE
Lot 35	51,150 sq.ft.	3,429 sq.ft.	47,721 sq.ft.	0	0	47,721 sq.ft.
Lot 36	55,090 sq.ft.	6,747 sq.ft.	48,343 sq.ft.	0	0	48,343 sq.ft.
Lot 39	66,615 sq.ft.	6,615 sq.ft.	60,000 sq.ft.	0	0	60,000 sq.ft.

The requirements of the Code of Ordinances of the City of Baltimore, Maryland, 1988, shall apply to the making of this plat.

Steven

Kevin B. Rogers

Surveyor's Certificate

I hereby certify that the final plat shown hereon is correct; that it is a resubdivision of Non-Buildable Bulk Parcels B and C of "Carriage Mill Farms, Phase One", as indicated on Plats 12211 - 12215 as recorded on June 20, 1996 among the Land Records of Howard County, Maryland, being also part of the lands conveyed by Bruce L. Schlosberg, individually as to a one-fourth (1/4) interest, Bruce L. Schlosberg, trustee as to a one-fourth (1/4) interest, Joseph B. Berke, trustee as to a seven-twentieth (7/20)

Owner's

I, Kevin B. Rogers, Chief Operating Officer, of Oak Hill Properties, Inc., shown and described hereon, hereby adopt this plan of resubdivision in accordance with the provisions of the Code of Ordinances of the City of Baltimore, Maryland, established the minimum building restrictions.

- (1) The right to lay, construct and maintain sewer, drains, roads and street rights-of-way and the specific easements.
- (2) The right to require dedication for public use in the best interests of the community and for good and other valuable considerations.

Approved Septic System Plan
Howard County Health Department

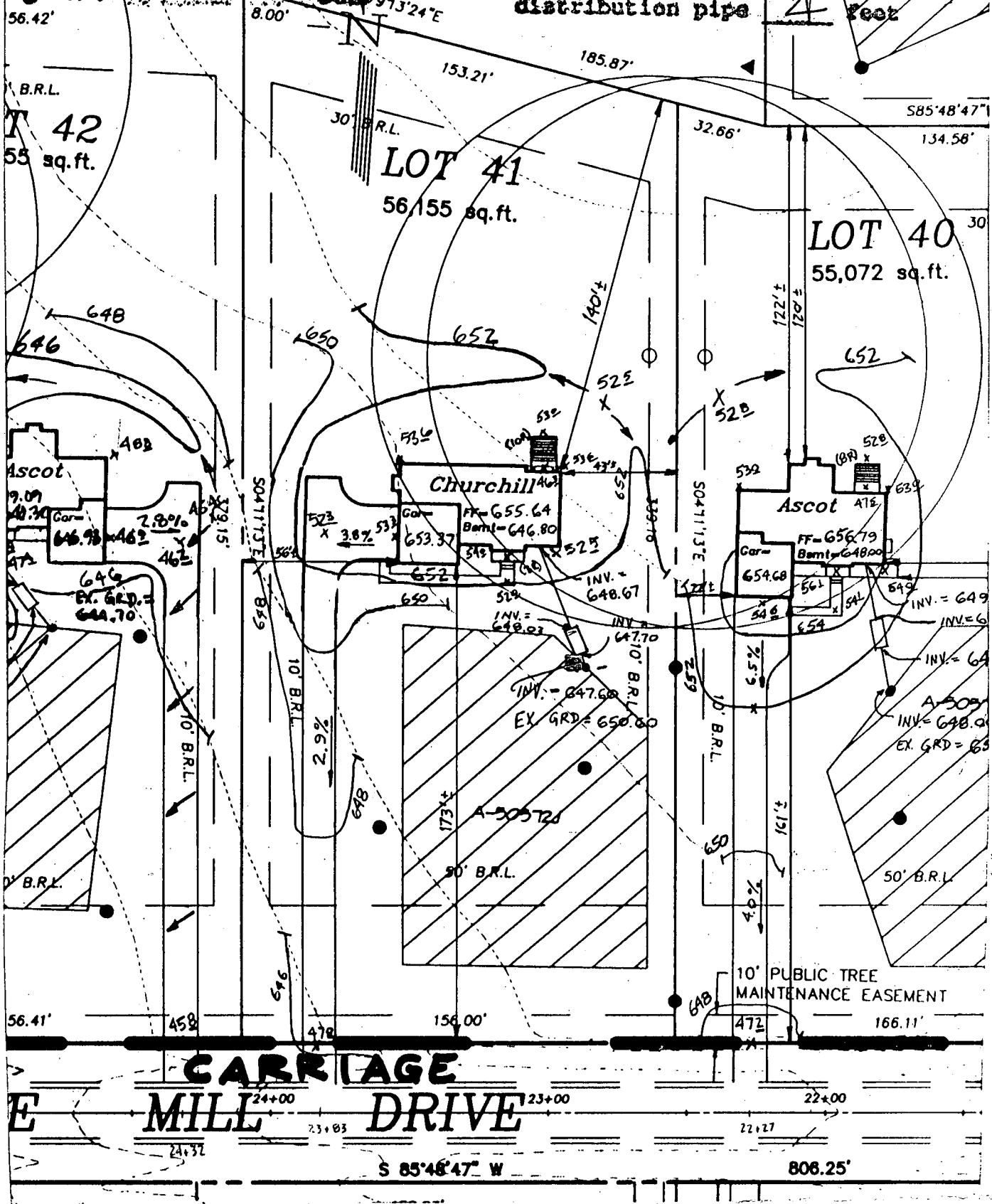
Total linear feet of trench
 required 180 feet

Width of trench(es) 2 feet

Depth of trench(es) 7 feet

Depth of stone required below
 distribution pipe 4 feet

[Handwritten Signature]
 Signature _____
 Date 3/12/99



CARRIAGE MILL FARMS

SEPTIC DATA

INV. OUT OF HOUSE = 648.67
 INV. INTO SEPTIC TANK = 648.03
 INV. OUT SEPTIC TANK = 647.70
 INV. INTO DIST. BOX = 647.60
 EX. ELEV @ DIST. BOX = 650.60

R.M. MOCHI GROUP, P.C.
 CML ENGINEERS
 LAND SURVEYORS
 PLANNERS
 ENVIRONMENTAL

PHASE II
LOT 41
BUILDING PERMIT

DATE: <u>3/12/99</u>	PROJECT NO.: <u>95005.22</u>
DRAWN BY: <u>JMZ</u>	SCALE: <u>1"=50'</u>

6P 96107

P.O. Box 10
 New Market, MD 21774-0010

10120 A Old National Pike
 Ijamsville, MD 21754-9706

(301) 865-5858
 Fax: (301) 865-5111

C 1 9899

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. COUNTY NUMBER A 50572J

ST/CO US ONLY DATE Received

DATE WELL COMPLETED 3/25/99

Depth of Well 500 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-94-2079

OWNER Oak Hill Carriage Mill first name TOWN Cooksville SUBDIVISION Carriage Mill Farms SECTION LOT 41

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries like Top soil, red shaley brown shale, gray slate, brown slate, gray slate, brown slate, gray slate, Quartz, gray slate.

GROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS 16, NO. OF POUNDS 1600. GALLONS OF WATER 80. DEPTH OF GROUT SEAL 0 to 37 ft.

CASING RECORD. MAIN CASING TYPE: ST (STEEL). Nominal diameter: 6 inch. Total depth: 40 feet.

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD. screen type or open hole: HO (OPEN HOLE). insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED: YES (Y).

- 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...

DRILLERS LIC. NO. 1 MW D 040. DRILLERS SIGNATURE: George F. Gasterday. LIC. NO. 1 MW D 501. SIGNATURE: Charles R. Fuller.

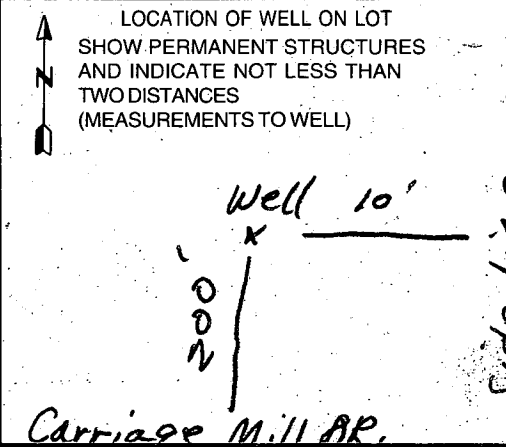
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with columns: 1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16, 17-18, 19-20, 21-22, 23-24, 25-26, 27-28, 29-30, 31-32, 33-34, 35-36, 37-38, 39-40, 41-42, 43-44, 45-46, 47-48, 49-50, 51-52, 53-54, 55-56, 57-58, 59-60, 61-62, 63-64, 65-66, 67-68, 69-70, 71-72, 73-74, 75-76.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68. MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) W Q. TELESCOPE CASING LOG INDICATOR OTHER DATA.

PUMPING TEST. C 3. HOURS PUMPED (nearest hour) 3. PUMPING RATE (gal. per min.) 4. METHOD USED TO MEASURE PUMPING RATE: Bucket. WATER LEVEL (distance from land surface) BEFORE PUMPING 43 ft. WHEN PUMPING 172 ft. TYPE OF PUMP USED (for test): S (submersible).

PUMP INSTALLED. DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) 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).



B 1 **3671**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
HO - 94 - 2079
fill in this form completely

Date Received (APA)
1/19/99

OWNER INFORMATION **RN 7727**

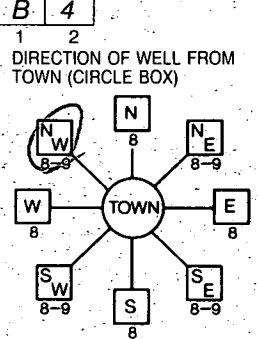
B 3 LOCATION OF WELL **CCW**

Oak Hill Properties
15 Last Name Owner First Name 34
107 Loudoun St., N E
36 Street or RFD 55
Leesburg, Va. 20175-3106
57 Town 70 State 72 Zip 76

Howard
8 COUNTY 21
Carriage Mill Farms
23 SUBDIVISION 42
SECTION LOT **41**
44 46 48 50
Cooksville
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 0 M I J
73 76 77 78

DRILLER INFORMATION

George F. Easterday M WD **040**
Driller's Name 76 License No. 8
L. Franklin Easterday, Inc.
Firm Name
9265 Brown Church Rd., MT. Airy, Md. 21771
Address
Signature *George F. Easterday* Date **12/14/1999**



Carriage Mill Dr
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W 32 EAST E
SOUTH S
34 **200** 37
DISTANCE FROM ROAD Ft.
ENTER FT OR MI 38 39
TAX MAP: **8** BLK: **16** PARCEL **158**

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
22 INDUSTRIAL, COMMERCIAL, DEWATERING
 PUBLIC WATER SUPPLY WELL
 TEST, OBSERVATION, MONITORING
 GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard **A 50572 J**
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED **2/5/99** **Kim Maest** **2/5/00**
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID **543** 0 0 0 EAST GRID **794** 0 0 0
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET
24 28

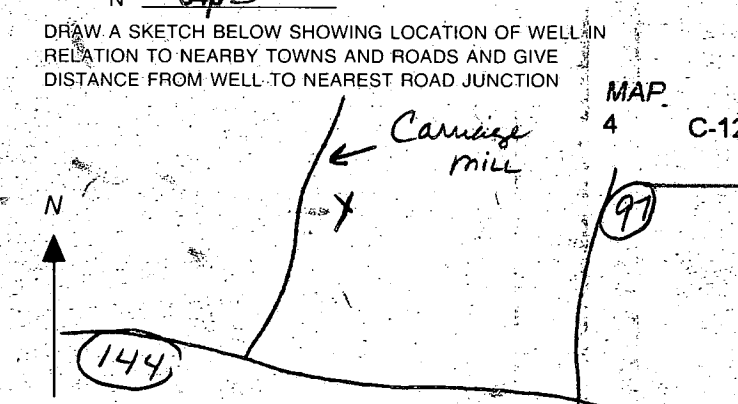
APPROXIMATE DIAMETER OF WELL 6 INCH
NEAREST INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
39 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
37 CABLE REVerse-ROTary DRIVE-POINT
other

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
39 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEIN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROX. PERMIT NUMBER 54 **Ho 94 2079** 63
PERMIT No. **Ho 94 2079**
70 71 72 73 74 75 76 77 78 79

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. 794
N. 543
000
000



SPECIAL CONDITIONS
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

Amy

HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Ellicott City, MD 21043
 461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
 Receipt # _____ Date 8/29/99
 Name of Installer Lester Simons Jr. Telephone 301-831-7057
 License Number JWJ211
 Certified Well Pump Installer _____ Well Driller Registered Plumber _____
 Name of Property Owner Oak Hill Prop Telephone _____
 Subdivision Carroll Mill Farm Lot # 41 Well Tag # No 94-2079
 Site Address _____

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower _____	1. Make <u>Martinson</u>
a. Deep well jet _____	2. RPM <u>3450</u>	2. Model # <u>B-10X</u>
b. Shallow well jet _____	3. Voltage _____	3. Depth <u>3 1/2</u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make <u>Wells</u>	b. 220 <input checked="" type="checkbox"/>	
3. Model # <u>58510922</u>		
4. Capacity <u>5</u> GPM		
5. Pump exceeds well capacity Yes _____ No <input checked="" type="checkbox"/>		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____		
7. What methods are used to protect the pump and electrical wiring from vibrat. _____ Torque arrestors _____ Cable guards <input checked="" type="checkbox"/> Other _____		

Tank	Piping	Well data
1. Capacity <u>32</u>	1. Type <u>PE</u>	1. Depth <u>500</u> ft.
2. Pressure relief valve? <u>yes</u>	2. Size <u>1"</u>	2. Yield <u>9</u> GPM
	3. NSF and/or BOCA Code approved <u>yes</u>	3. Static water level _____ ft.
	4. Depth of supply line <u>3 1/2</u>	4. Will water supply be disinfected by installer? <u>yes</u>

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

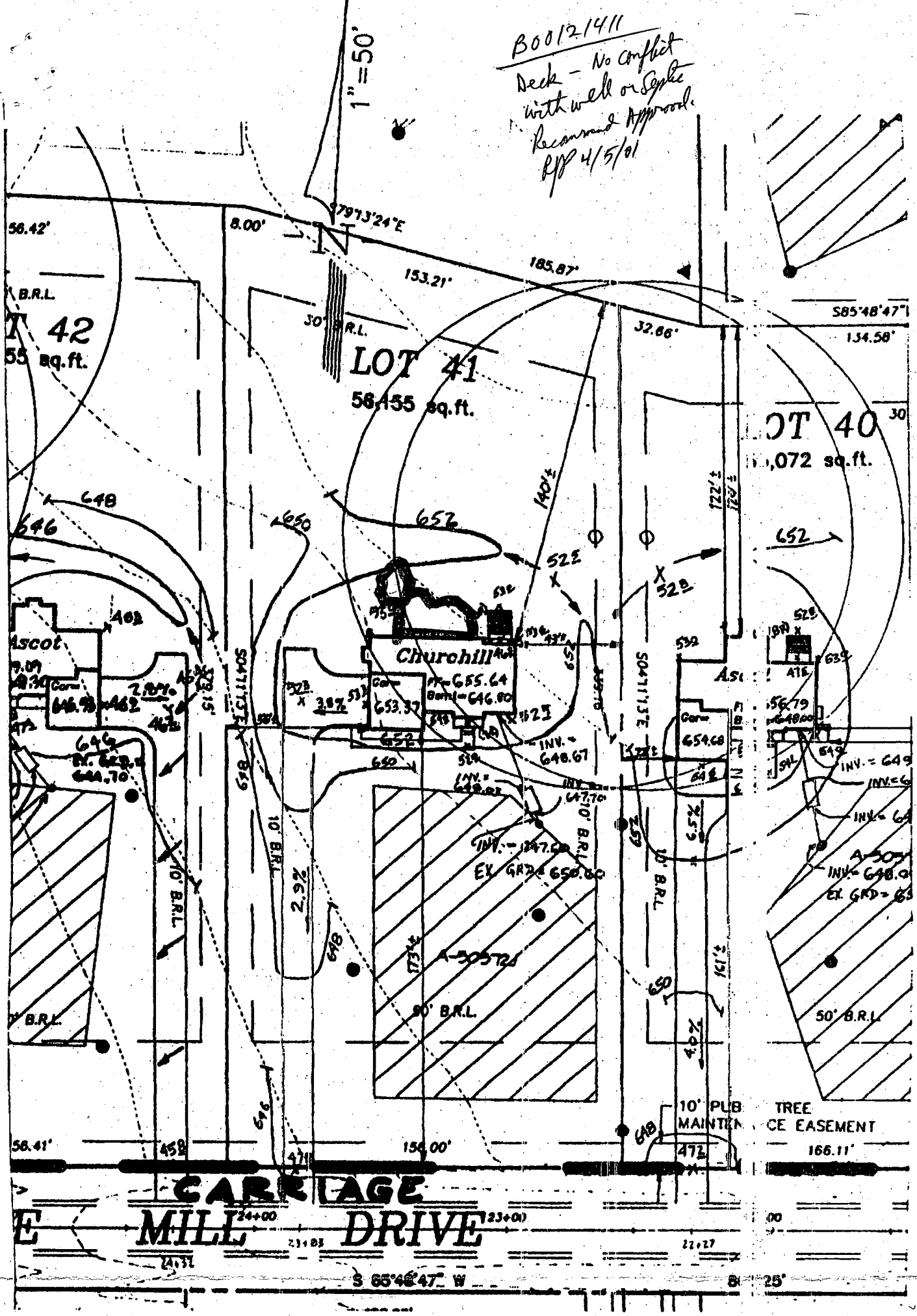
9/7/99-WPI OK-SRK

Signature of Applicant: Lester C Simons Jr.

Date: 8-29-99

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

B0012/1411
 Deck - No Conflict
 with well or Septic
 Recommended Approval
 RPP 4/15/01



14800 Carriage Mill Drive (A 50572-J)

CARRIAGE MILL FARMS

PHASE II
LOT 41
BUILDING PERMIT

DATE: 3/12/99
 PROJECT NO.: 95005.22
 DRAWN BY: JMZ
 SCALE: 1"=50'

SEPTIC DATA

INV. OUT OF HOUSE = 648.67
 INV. INTO SEPTIC TANK = 648.03
 INV. OUT SEPTIC TANK = 647.70
 INV. INTO DIST. BOX = 647.60
 EX. ELEV @ DIST. BOX = 650.60

R.M. MOC I GROUP, P.C.

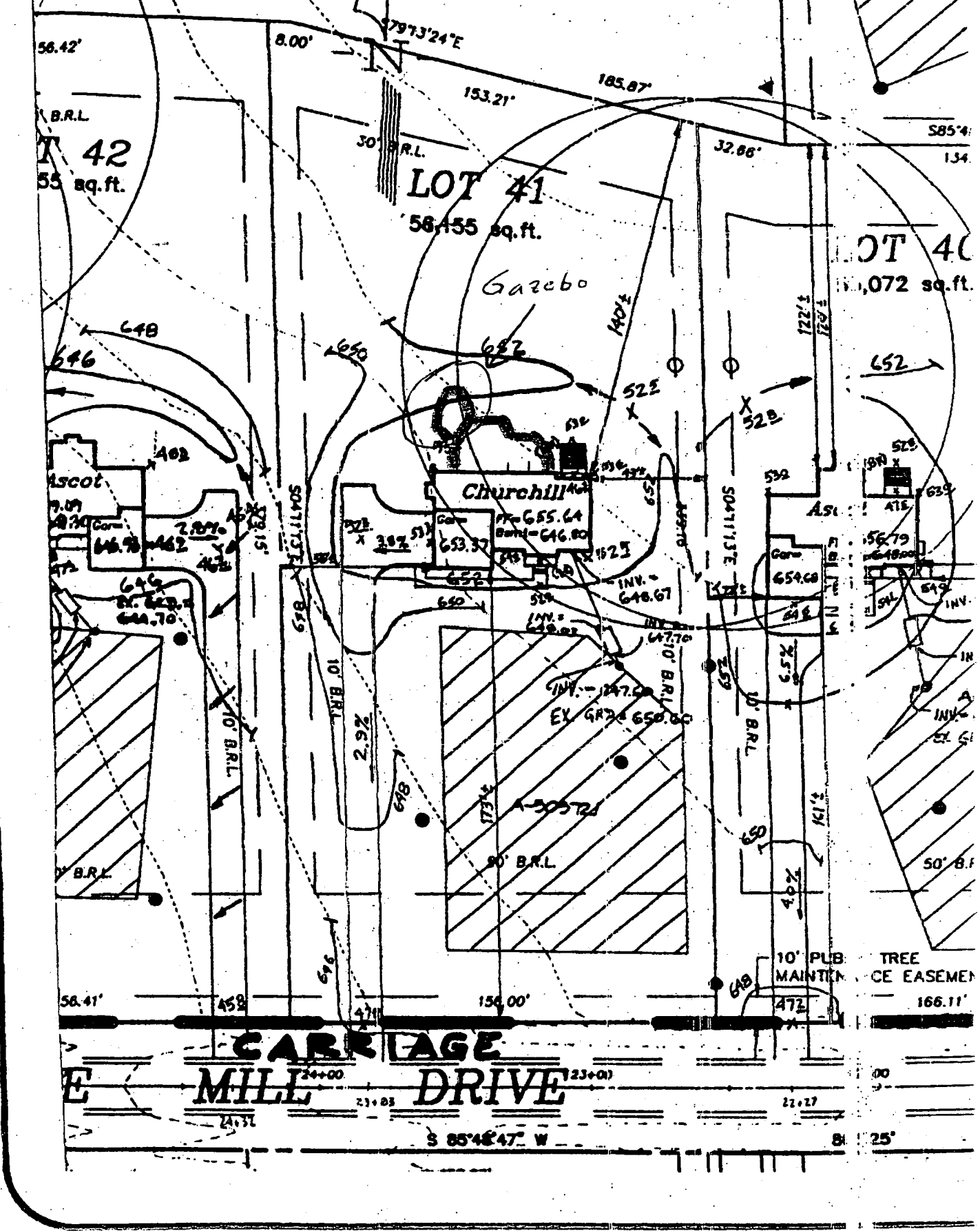
PLANNERS ENVIRONMENTAL

P.O. Box 10
 New Market, MD 21774

10170 A Old National
 Junction, MD 21754-1

(301) 865-5058
 Fax: (301) 865-5111

1201 amendment to ~~DP~~
 put roof on
 gazebo. See



<p>CARRIAGE MILL FARMS</p> <p>PHASE II</p> <p>LOT 41</p> <p>BUILDING PERMIT</p>	<p>SEPTIC DATA</p> <p>INV. OUT OF HOUSE = 648.67</p> <p>INV. INTO SEPTIC TANK = 646.03</p> <p>INV. OUT SEPTIC TANK = 647.70</p> <p>INV. INTO DIST. BOX = 647.60</p> <p>EX. ELEV @ DIST. BOX = 650.60</p>	<p>R.M. MOC 1 GROL</p> <p>FOR CIVIL LAND SURVY</p> <p>P.O. Box 10 New Market MD 21774</p>
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