

8/21/99
9/7/99
10:00 trench
open trench

PERMIT

04-362004

P 512685

SEWAGE DISPOSAL SYSTEM

A 43351

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

INDEXED

DATE 8/27/99

DATE SYSTEM APPROVED 9/7/99

INSPECTOR S.P.K.

K & K Excavating IS PERMITTED TO INSTALL ALTER _____

ADDRESS 14960 Frederick Road, Woodbine, MD 21797 PHONE 410-442-1336

SUBDIVISION Carriage Mill Farms LOT 43 ROAD 14808 Carriage Mill Drive

PROPERTY OWNER Oak Hill Properties

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 2 feet wide. Inlet 4 1/2 feet below original grade. Bottom maximum depth 8 1/2 feet below original grade. Effective area begins at 4 1/2 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 155 feet from the front lot line and 15 feet from the right lot line. Run trenches along contour toward right side 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. 7/5/99 OK AM

PLANS APPROVED BY C. Williams DATE 6-28-1999

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

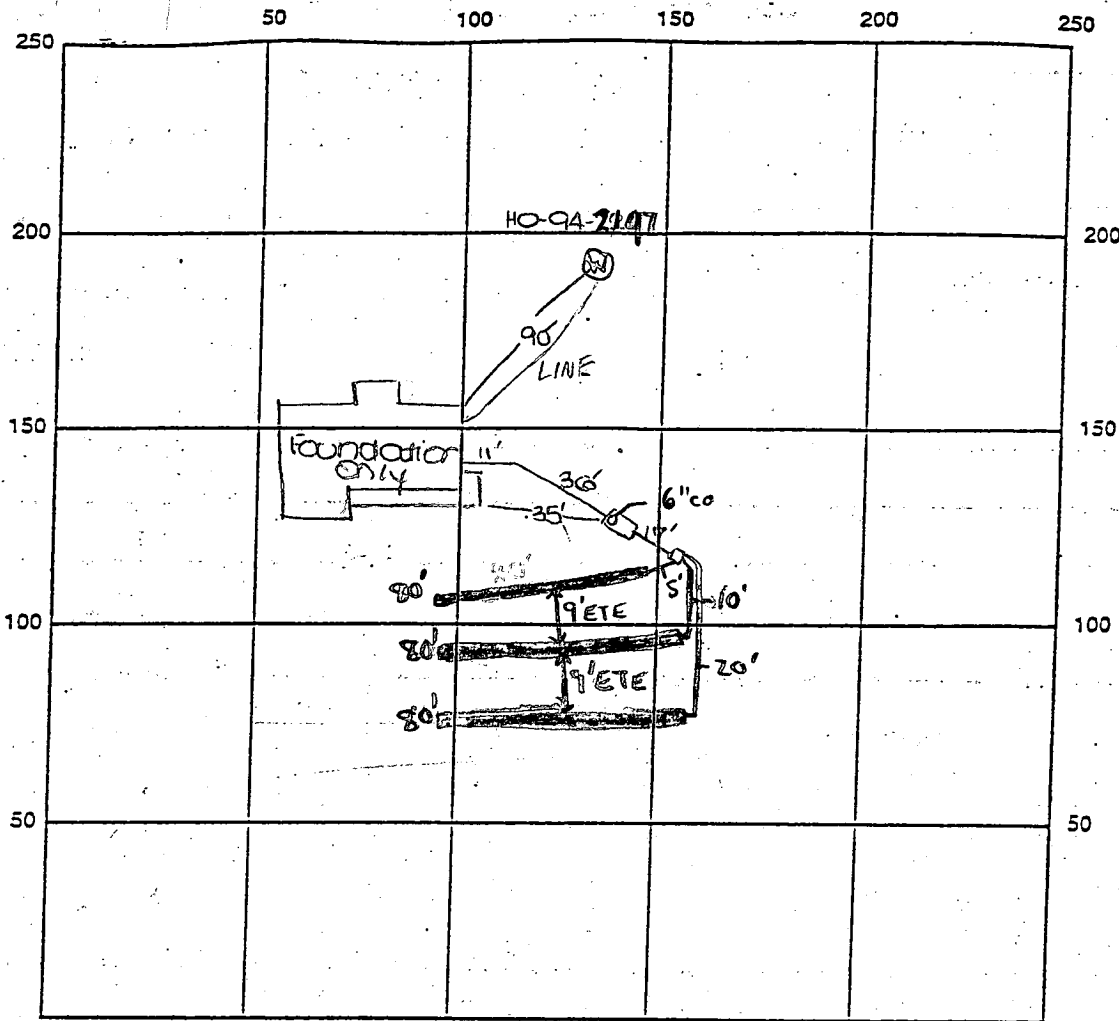
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Carriage Mill Drive

SEPTIC TANK LEVEL OK 1500 gallon midseam CLEANOUTS one on sit.

DISTRIBUTION BOX LEVEL OK Baffle is in

DRAIN FIELD ^{TILE} DEPTH 8 1/2 FT. - TRENCH WIDTH 2 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 960 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 8/31/99 OK to cover from house to dist box and
continue DKS

9/3/99 First trench partially dug and gravelled (No inspo
request made for this day) DKS 9/7/99 - OK TO CONTINUE WORK

(SRW) 9/7/99 - OK TO COVER ALL WORK (SRW)

DATE SYSTEM APPROVED 9/7/99

INSPECTOR Steven R. Krieg

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 1-11-00

Name of Installer Darren E Wilson

Telephone 301-831-7057

License Number JSD065

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Oak Hill Prop.

Telephone _____

Subdivision Carriage Mill Farms Lot # 43

Well Tag # HO-94-2147

Site Address 14808 Carriage Mill Ln

Pump

- Type
 - Deep well jet _____
 - Shallow well jet
 - Submersible
- Make Goulds
- Model # 7G50S422
- Capacity 7 GPM
- Pump exceeds well capacity Yes _____ No
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

Motor

- Horsepower _____
- RPM 3450
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make Martinson
- Model # B-10X
- Depth 3 1/2

Tank

- Capacity 32
- Pressure relief valve? yes

Piping

- Type PE
- Size 1"
- NSF and/or BOCA Code approved yes
- Depth of supply line 3 1/2

Well data

- Depth 160 ft.
- Yield 60 GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? yes

11/3/00 3-4' B.G.
2-PC CAP & CONDUIT OK

(M) 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.

Signature of Applicant: Darren Wilson

Date: 1-11-00

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

APPLICATION

PERCOLATION TESTING

A 43351

P _____

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

DISTRICT 4TH

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 Oak Hill Properties

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

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Berkshire Estates LOT NO. 18 43

ROAD AND DESCRIPTION (14808 CARRIAGE MILL DRIVE)

TAX MAP 8 PARCEL # 158

~~REG. PERMIT SIGNED~~
AND RETURNED 6-28-1999

SIZE OF LOT 3.03 TYPE BLDG SF - 4 Bm
(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

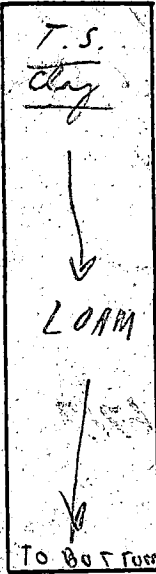
THIS IS NOT A PERMIT

New lot #15

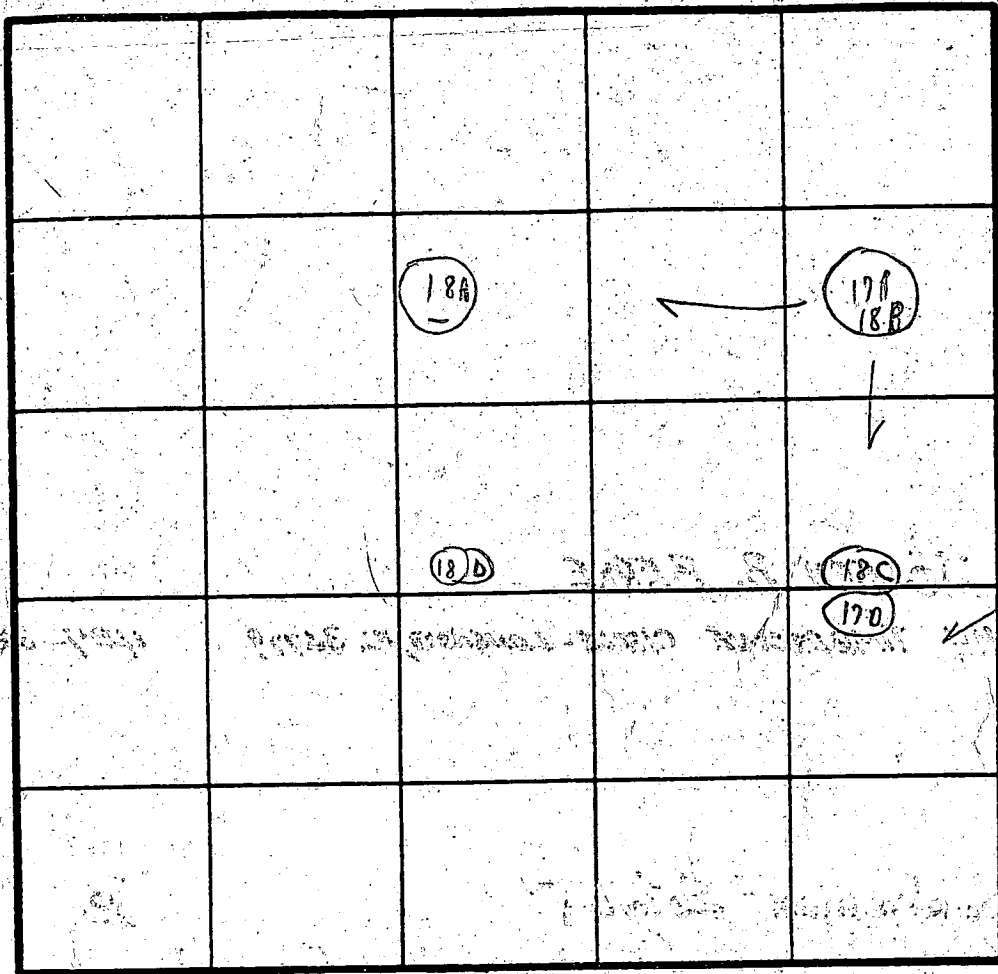
43351

#18

SOIL PROFILE



OLD FERRY RD



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

13
29 min
average
Inlet 4 1/2"

DATE	TEST NO	DEPTH	PRE WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/3/89	18B	4 1/2'	3:06	3:13	3:13	3:41	28 min
	17A	9 1/2'	3:06	3:09	3:09	3:19	10 min
	17B	6 1/2'	3:07	3:18	3:18	3:44	26 min
	17B	9'	3:10	3:12	3:12	3:15	3 min
	18C	5' 10"	3:21	3:34	3:34	3:34	XX
	17D	14'	3:36	3:44	3:44	4:04	10 min
	18D	5 1/2'	3:46	3:57	3:57	4:26	29 min
	18D	13' 10"					
	18A	5'	3:48	3:54	3:54	4:02	8 min
		13' 10"					

Dig 14'
30
13-9"

REMARKS 4/3 Tests in gran

TYPE OF SOIL Tests per state

TESTED BY C.B.S.

ALSO PRESENT { Arnold's }
mess

FREDERICK

OLD

1143.97'

442.47'

N 04°15'11" E
246.38'

N 02°00'18" E
246.38'

720' DRAINAGE UTILITY EASEMENT

LOT 19

165,621.3 sq. ft.
3.8027 acres

LOT 15

133,703.91 sq. ft.
3.0694 acres

A-43353

N 04°11'13" W
463.51'

A-43354

LOT 20

130,680.00 sq. ft.
3.0000 acres

N 04°11'13" W
447.27'

N 04°11'13" W
447.27'

N 04°11'13" W
295.49'

N 85°18'47" E
288.96'

S 85°18'47" W
301.39'

LOT 14

S 04°11'13" E
342.07'

BERKELEY

LOT

100,979.52 sq. ft.
2.30069 acres

A-43348

C-4

C-3

C-5

C-10

75

73

74

57

58

59

60

47

48

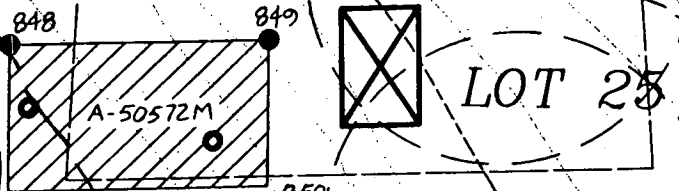
46

44

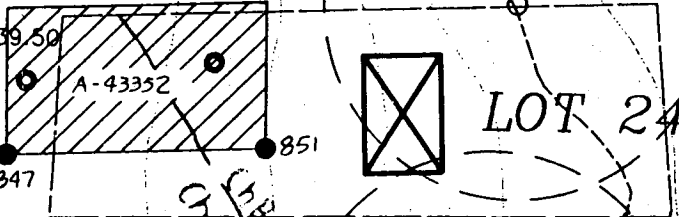
N87°30'09"E 461.75

N88°51'11"E 699.83'

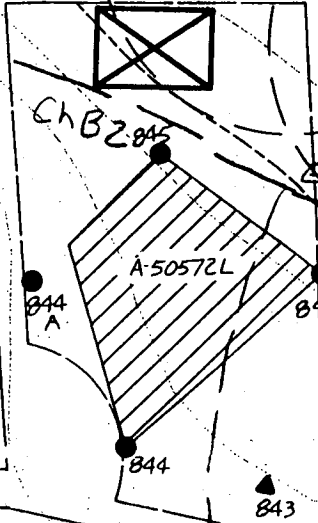
LOT 23



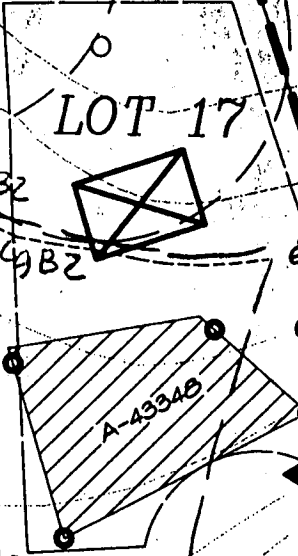
LOT 25



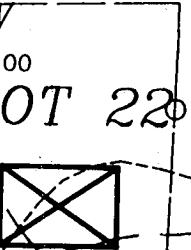
LOT 24



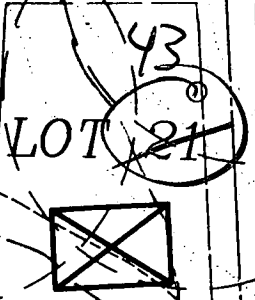
LOT 19



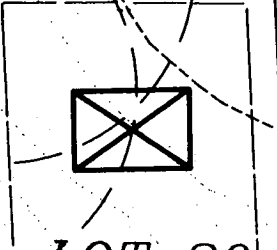
LOT 17



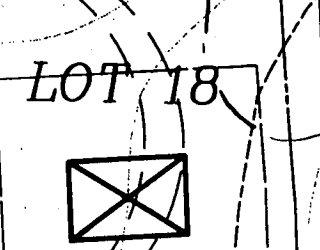
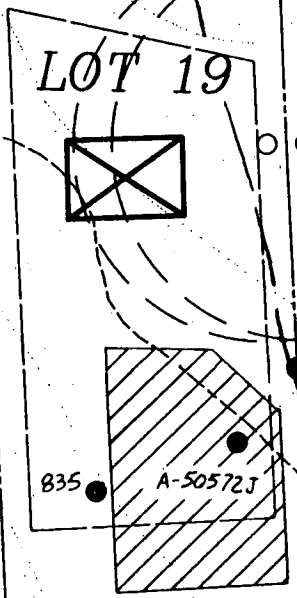
LOT 22



LOT 21



LOT 20



LOT 18

Old Frederick Road

1143.97'

N

TE SEWAGE
QUIRED BY
NMENT FOR
S OF ANY
PUBLIC
BECOME
SEWAGE
E THE
TS INTO
MODIFIED
ATION
S SHOWN.

Justifiable
Court

DATA

QUENT
COUNTY
APPLICATION

Carriage Will Est
Signed per Cert A 8-29-55

CARRIAGE

MILL

DRIVE

29+266.00

28+00

PT. 27+17.26

PC = 26+10.96

27+00

28+00

25+00

24+00

23+00

22+00

21+00

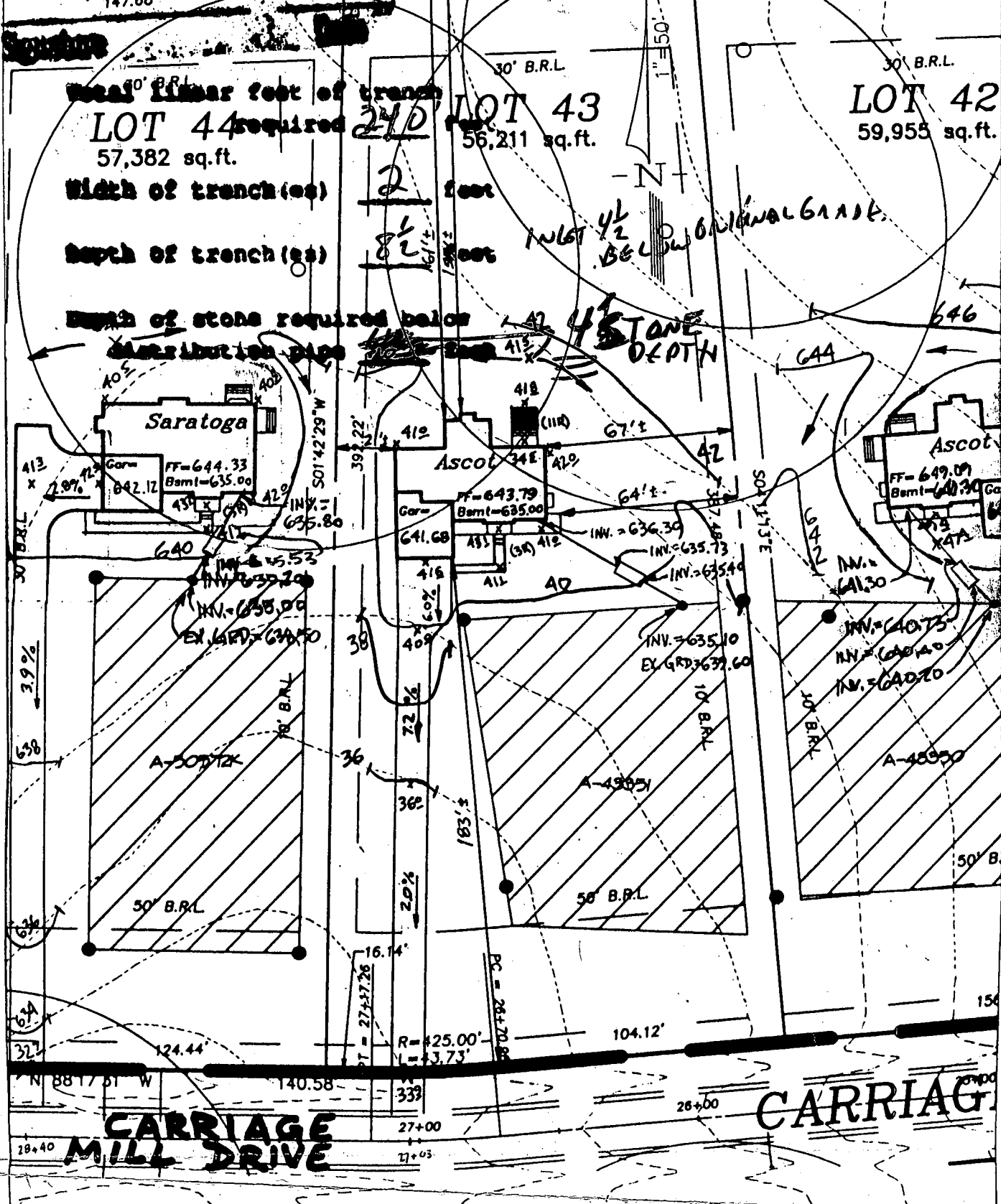
20+00

865

Approved Septic System Plan
Hawaii County Health Department

B00118847 - SED YBR

as will



CARRIAGE MILL FARMS

PHASE II
LOT 43
BUILDING PERMIT

DATE: 6/10/99	PROJECT NO.: 95005.22
DRAWN BY: JMZ	SCALE: 1"=50'

SEPTIC DATA

INV. OUT OF HOUSE = 636.30
 INV. INTO SEPTIC TANK = 635.73
 INV. OUT SEPTIC TANK = 635.40
 INV. INTO DIST. BOX = 635.10
 EX. ELEV @ DIST. BOX = 639.60

68-99-126

R.M. MOCHI GROUP, P.C.

CIVIL ENGINEERS
 LAND SURVEYORS

PLANNERS
 ENVIRONMENTAL

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

10120 A Old National Pike
 Pijunville, MD 21754-9706

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

C1 9646

SEQUENCE (NO.) (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

COUNTY NUMBER A 43351

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 3/25/99

Depth of Well 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" NO 94-247

OWNER: Oakhill Properties, STREET OR RFD: Carriage Mill Drive, TOWN: Glenwood, SUBDIVISION: Carriage Mill Farms, SECTION: , LOT: 43

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, red Shaley Clay, brown slate, blue slate, etc.

GROUTING RECORD form with fields for WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for casing types (STEEL, CONCRETE, PLASTIC, OTHER), MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) form with fields for diameter, depth.

SCREEN RECORD form with fields for screen type or open hole, insert appropriate code below.

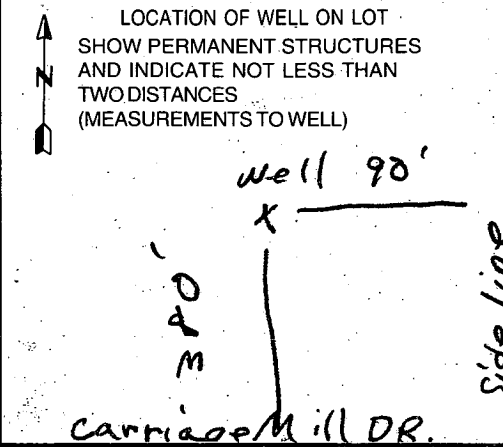
DEPTH (nearest ft.) table with columns for depth intervals (1-2, 3-4, etc.) and values (78, 160).

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) form with fields for T, W, Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED PLACE, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED form with YES/NO options.

CIRCLE APPROPRIATE LETTER A, E, P

DRILLERS LIC. NO. MWD 040, DRILLERS SIGNATURE George F. Easterday, LIC. NO. MWD 501, SIGNATURE Charles P. Puller, SITE SUPERVISOR

B 7 8682

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2147

Date Received (APA) 02/11/99

OWNER INFORMATION RN 7742

B 3

Howard

LOCATION OF WELL

CC#

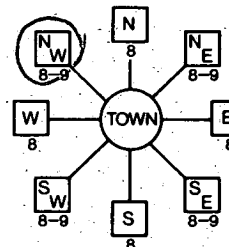
Oak Hill Properties 107 Loudoun St., N E Leesburg, Va. 20175-3106

Carriage Mill Farms 23 SUBDIVISION Cooksville

DRILLER INFORMATION George F. Easterday L. Franklin Easterday, Inc. 9265 Brown Church Rd., MT. Airy, Md. 21771

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Carriage Mill Dr NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

380 DISTANCE FROM ROAD ENTER FT OR MI

WELL INFORMATION APPROX. PUMPING RATE 500 AVERAGE DAILY QUANTITY NEEDED 500

- USE FOR WATER (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A43251 COUNTY NO. STATE SIGNATURE DATE ISSUED 02/10/99

APPROXIMATE DEPTH OF WELL 300 FEET

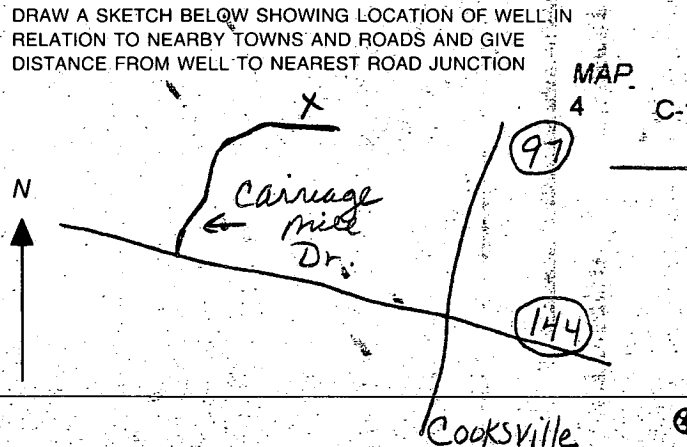
APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROtary

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) THIS WELL WILL NOT REPLACE AN EXISTING WELL

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER 54 PERMIT No. HO-94-2147

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER wells WRITE THE BOX NUMBER FROM THE MAP HERE E 790 N 540



3/1/99

LOT 43

Well site OK
as staked
(DWS)

LOT 43
58,211 sq. ft.

LOT 42
59,955 sq. ft.

Belmont
FR. G.A.C. 23
BENT. G.A.C. 23

CARRIAGE

MA

