

LAYOUT 7/21/03 3:30 INSP 4 _____
 INSP 2 7/22/03 1pm INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 7/16/2003
 APPROVAL DATE: 7/22/03

**PERMIT
INDEXED**

04-367219

P 519057
 A 510610-L

**ON-SITE SEWAGE DISPOSAL SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

South Carroll Backhoe, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 4410 Salem Bottom Rd, Westminster PHONE NUMBER: 410-875-4197

SUBDIVISION: Maple Ridge LOT NUMBER: 12

ADDRESS: 16204 Carrs Mill Road PROPERTY OWNER: NVR Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 280 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box approximately 15' downhill from the high corner easement stake that is closest to the trailer (see the building permit plan). Run trenches on contour towards the opposite side of the lot.
NOTES:	Trenches should be 10' center to center. Maintain 100' separation between the well and septic tank.

PLANS APPROVED: ~~Brian Baker~~ Steven R. Krieg DATE: 7/30/03 4/2/03

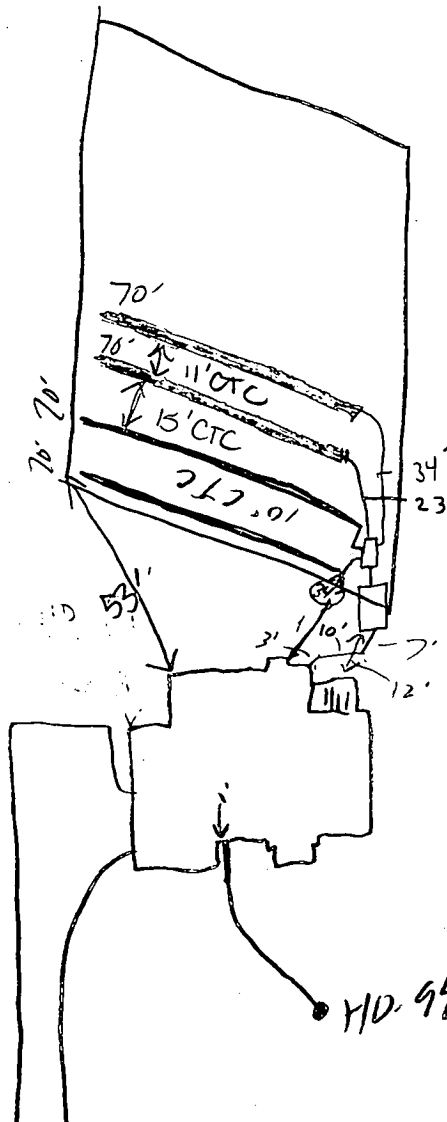
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
 HAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

**BUILDING PERMITS SIGNED
 AND RETURNED**
 7-28-03 800143164-Plaque Tank

A510610-L

NOT TO SCALE



34' from
closest
edge of house
to closest
edge of
1st trench

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'	5.5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		280'
ABSORPTION AREA		840
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	front
6" PORT LOC	
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input type="checkbox"/>
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	N/A
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

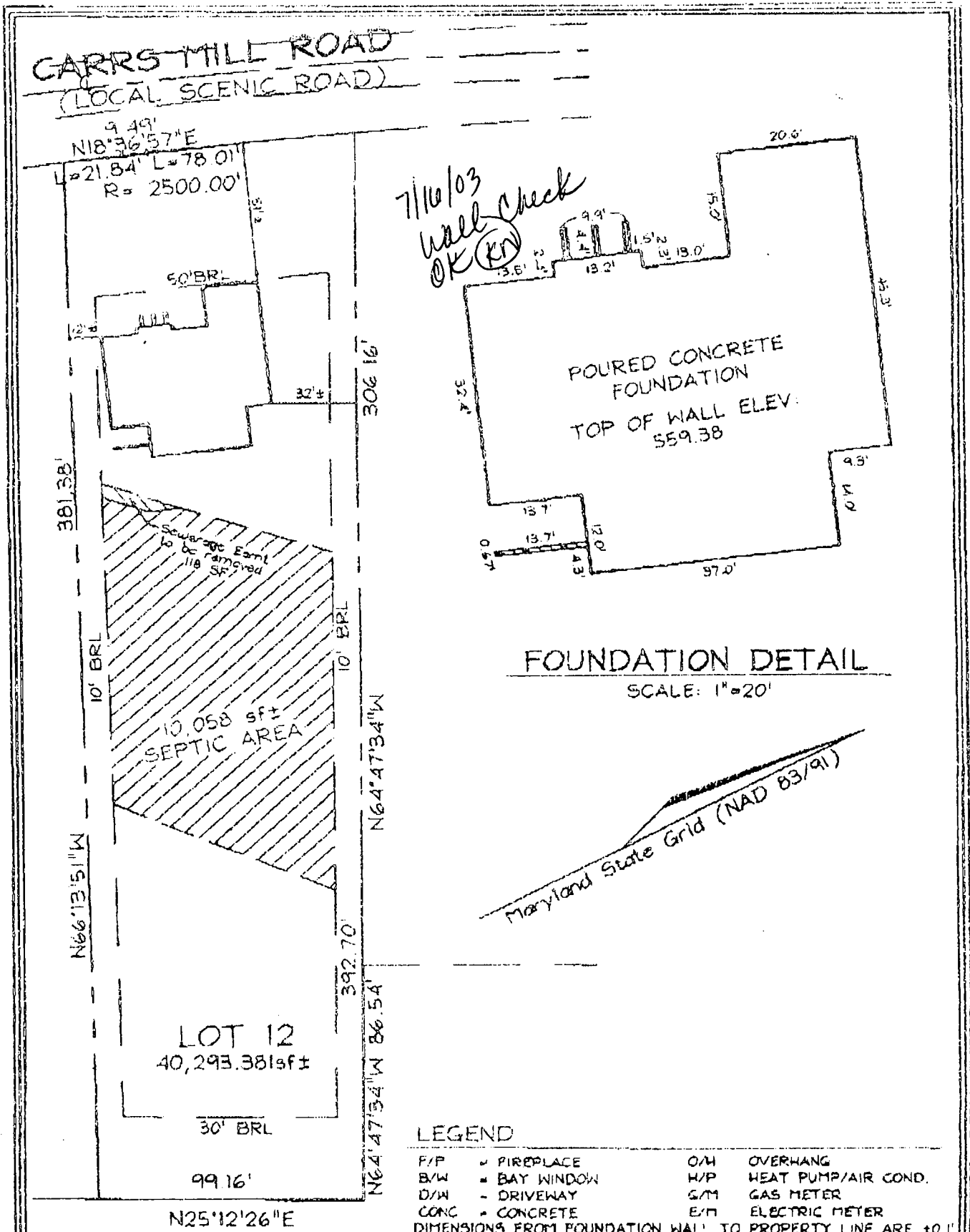
Carvs Mill

ROAD

PRE-CONSTRUCTION 7/17/03 Not staked, however, contractor wanted me to look at tank location, tank moved closer to the house. Builder said no deck installation on this side of the house, should be OK. Install (4) 70' trenches after lot is staked (SD) 7/21/03 Tank set, 2 trenches installed. OK to cover work completed (SD) 7/22/03 Distance from house to closest trench corner (near S.T.) 34'. House conn made. OK to cover last 2 trenches. Place levelers in dist. box (KN)

BUILDING PERMIT SIGNED AND RETURNED

FINAL INSPECTOR Kacie Norman DATE OF APPROVAL 7/22/03



PLAN VIEW
SCALE: 1"=50'

FOUNDATION DETAIL
SCALE: 1"=20'

LEGEND

- F/P = FIREPLACE
 - B/W = BAY WINDOW
 - D/W = DRIVEWAY
 - CONC = CONCRETE
 - O/H = OVERHANG
 - H/P = HEAT PUMP/AIR COND.
 - G/M = GAS METER
 - E/M = ELECTRIC METER
- DIMENSIONS FROM FOUNDATION WALL TO PROPERTY LINE ARE ±0.1'

ADDRESS No. 16204 CARRS MILL ROAD
 TOP OF WALL ELEV. = 559.38 FIRST FLOOR ELEV. = N/A
 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 ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS,
 AND THE LOCATION DRAWING DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.

FSH Associates

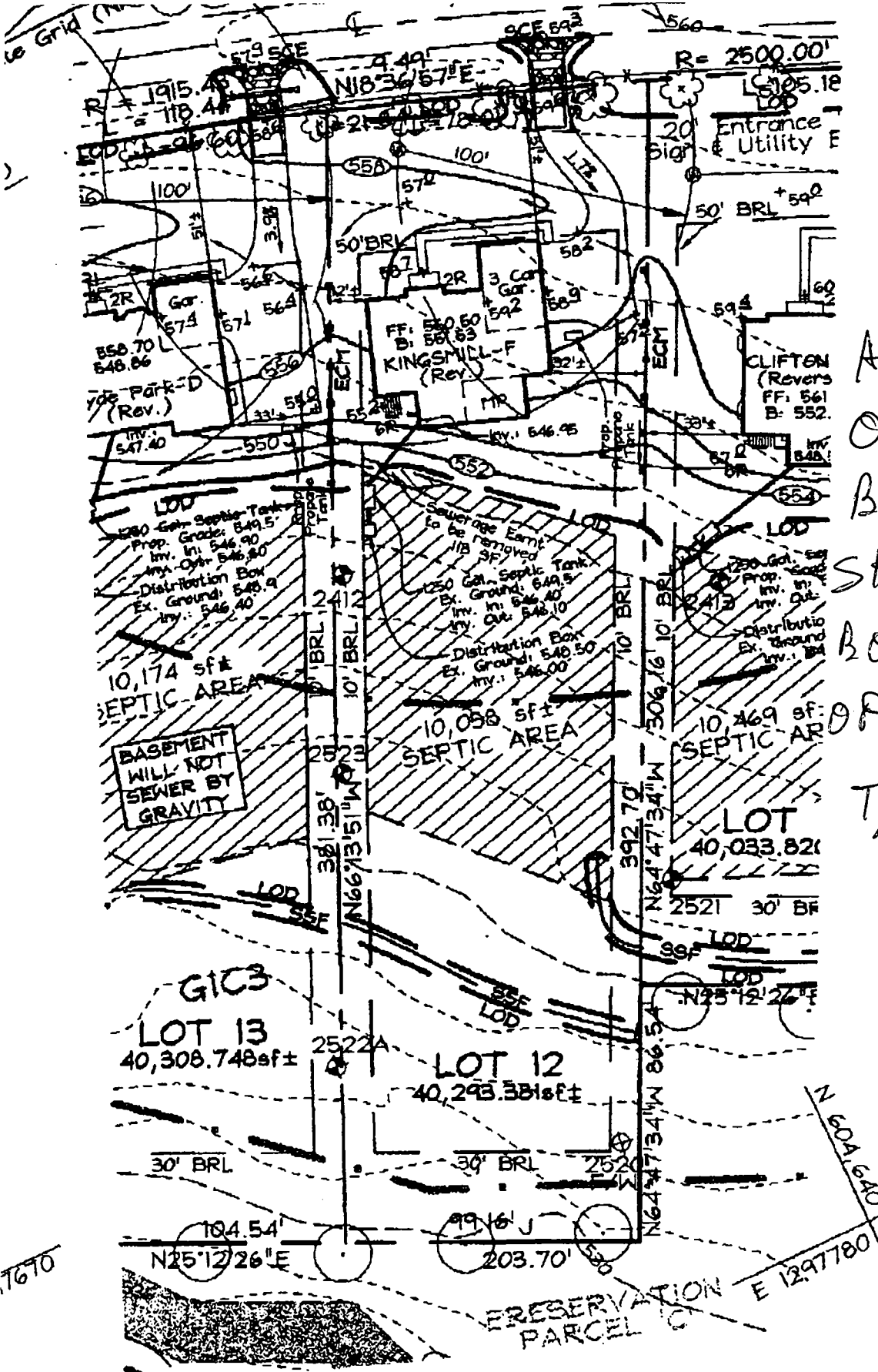
Engineers Planners Surveyors
 8318 Forrest Street Ellicott City, MD 21043
 Tel: 410-760-2251 Fax: 410-750-7350
 E-mail: FSHAssociates@cs.com

LOCATION DRAWING	
FOUNDATION	Date: 06/26/03
FINAL	Date:
DRAWN BY:	GS
SCALE:	As Shown
H.O. No.:	5158



WALL CHECK
 LOT 12
 MAPLE RIDGE
 PLAT No. 15667
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

RECEIVED JUN 9 11 2003



5/5/03 MR

ADJUSTMENT
 OK AS SHOWN,
 BUT S.S. LAYOUT
 SHOULD SHOW
 BOX AT TOP
 OF
 T/C TO ENG'R

ved Grading Plan GP-03-16 for Entire Site.

ssociates
 nners Surveyors
 11100 City, MD 21043
 ex: 410-750-7350
 s@cs.com

OWNER/DEVELOPER
 NV HOMES
 2200 Defense Highway, Suite 301
 Crofton, Maryland 21114
 301.858.0522

Approved Septic System Plan
Howard County Health Department

Steven R. Craig, 7/12/03
Professional Engineer

Total linear feet of trench required 280 feet
Width of trench(es) 3 feet
Depth of trench(es) 5.5 feet
Depth of stone required below distributor pipe

Signature

LOT 13
308,748sf±

LOT 12
40,293.38sf±

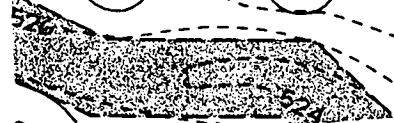
BASEMENT WILL NOT SEWER BY GRAVITY

10,055 sf± SEPTIC AREA

10,592 sf± SEPTIC AREA

10,654 sf± SEPTIC AREA

LOT 40,033.82±



PRESERVATION PARCEL C

7/16/03
Wall check
came in.
House moved
2+ feet
closer to road
road
KN

Note: See Approved Grading Plan GP-03-16 for Entire Site.

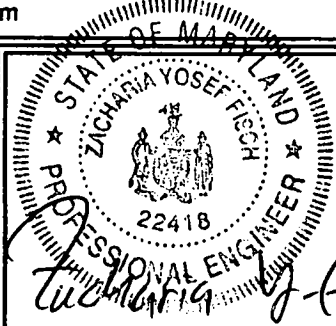
FSH Associates

Engineers Planners Surveyors
8318 Forrest Street Ellicott City, MD 21043
Tel: 410-750-2251 Fax: 410-750-7350
E-mail: FSHAssociates@cs.com

OWNER/DEVELOPER

NV HOMES
2200 Defense Highway, Suite 301
Crofton, Maryland 21114
301.858.0522

DESIGN BY: PS
DRAWN BY: Slim
CHECKED BY: Z.Y.F.
SCALE: 1"=50'
DATE: Dec. 10, 2002
W.O. No.: 3138
SHEET No.: 1 OF 1



LOT 12

MAPLE RIDGE

TAX MAP 8 GRID 12 & 20
4TH ELECTION DISTRICT

PARCEL 51 & 378
HOWARD COUNTY, MARYLAND

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Robert L. Feezer Co. Inc Telephone #: 410-781-4655
Address: 6321 Barnett H Ave
Sykesville, MD

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Robert L. Feezer License # 2122

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: NY Homes Telephone #: 410-721-9703
Subdivision: Maple Ridge Lot #: 10 Well Tag #: HO-94-3980
Site Address: 1604 Carls Mill Rd
Woodbine, MD 21797

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Sta-Rite Make: Campbell Two piece watertight cap:
Model #: 704D02 HL-04 Model #: PT 800 Screened, vented well cap:
Pump Capacity: 7 GPM Depth: 42" (36" min) Cap secured to casing:
Well Yield: 15 GPM NSF approved: Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: _____ (feet) Conduit secured to well cap:

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt

Piping to house House Connection
Type: Poly PVC sleeved to undisturbed soil at wall penetration:
PSI: 200 (160 psi min) Approximate length of sleeve: 5'
Depth of supply line: 42 (36" min) Sleeve caulked and sealed properly:

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Robert L. Feezer 8/18/03
Signature of company representative responsible for installation date

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 7/21/03 Date Insp. Approved: 7/21/03 (50) SRK
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

C1 14231 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A510610**

ST/CO USE ONLY
 DATE RECEIVED
 MM 00 YY
 8 13

DATE WELL COMPLETED
 9/5/02
 15 20

DEPTH OF WELL
 400
 22 26
 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL"
 H10-94-3482
 28 29 30 31 32 33 34 35 36 37

OWNER **LANDSCAPE DEVELOPMENT**
 STREET OR RFD **CARRS MILL ROAD** first name TOWN
 SUBDIVISION **MAPLE RIDGE** SECTION LOT **12**

WELL LOG
 Not required for driven wells

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle appropriate box)
 YES NO
 44 44

C 3
PUMPING TEST

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

TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT BENTONITE CLAY
 NO. OF BAGS **40** NO. OF POUNDS **4000**
 GALLONS OF WATER **290**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **103** ft.
 48 TOP 52 54 BOTTOM 58
 (enter 0 if from surface)

HOURS PUMPED (nearest hour) **3**
 8 9
 PUMPING RATE (gal. per min.) **15**
 11 15
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **57** ft.
 17 20
 WHEN PUMPING **69** ft.
 22 25

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Topsail	0	1	
red rocky clay	1	37	
reddish brown shale	37	59	
Brown shale	59	98	
Brown slate	98	112	✓
Blueish/gray slate	112	290	
Blue slate w/ Quartz	290	298	✓
Blue slate	298	330	
Brown slate	330	332	
Blue slate	332	400	

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

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

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch) **6**
 Total depth of main casing (nearest foot) **110**
 60 61 63 64 66 70

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

OTHER CASING (if used)
 diameter depth (feet)
 inch from to
 E A C H C A S I N G

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

NUMBER OF UNSUCCESSFUL WELLS: **0**

C 2 DEPTH (nearest ft.)
 1 **40** 108 400
 8 9 11 15 17 21
 23 24 26 30 32 36
 38 39 41 45 47 51
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) 56 60
 from to

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 } LAND SURFACE **2** (nearest foot)
 (-) below } 49 51

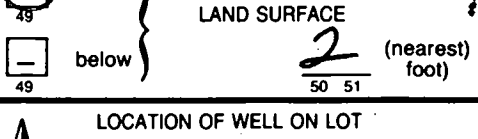
WELL HYDROFRACTURED YES NO

E A C H C A S I N G

LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

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

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



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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

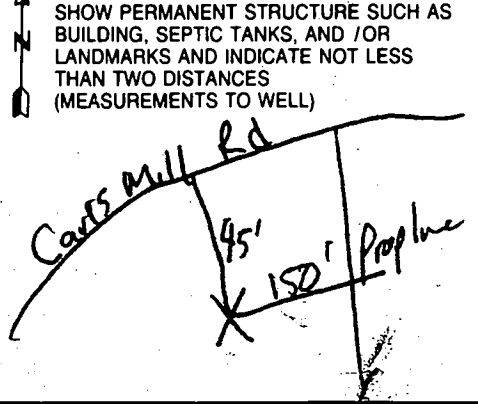
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
156PM 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

DRILLERS LIC. NO. **MWD 040**
George F. Easton
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

DRILLERS LIC. NO. **JW 727**
Jaell E. Johnson
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DRILLERS LIC. NO. **JW 727**
Jaell E. Johnson
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DRILLERS LIC. NO. **JW 727**
Jaell E. Johnson
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



Rage _____ of _____
Date _____

9-6-02

Review OK ME 9/27/02

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3482
Location of property (road) CARRS MILL ROAD
Subdivision MAPLE RIDGE Lot 12 Block _____ Plat _____ Sec. _____
Well Driller L. FRANKLIN EASTEDAY, INC. Owner _____

Depth of well 400 15
Distance of measuring point (M.P.) above ground 2FF
Static water level (S.W.L.) below M.P. 57 FT

I. High rate pumping -- reservoir drawdown

Time pump started 815 Pumping rate 156 GPM
Total time _____ to reach pumping water level 57 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 4 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
815	57 FT	4 sec	290 FT Pump on	156 GPM
830	67 FT	4 sec	290 FT	156 GPM
845	67 FT	4 sec	290 FT	156 GPM
900	68 FT	4 sec	290 FT	156 GPM
915	68 FT	4 sec	290 FT	156 GPM
930	68 FT	4 sec	290 FT	156 GPM
945	68 FT	4 sec	290 FT	156 GPM
1000	68 FT	4 sec	290 FT	156 GPM
1015	69 FT	4 sec	290 FT	156 GPM
1030	69 FT	4 sec	290 FT	156 GPM
1045	69 FT	4 sec	290 FT	156 GPM
1100	69 FT	4 sec	290 FT	156 GPM
1115	69 FT	4 sec	290 FT	156 GPM

TESTED BY Dieder

9/6/02 3 HR 8:30 OR NOON
 Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3482
 Location of property (road) CARRS MILL ROAD
 Subdivision MADE RIDGE Lot 12 Block _____ Plat _____ Sec. _____
 Well Driller L. FRANKLIN EASTEDAY, INC Owner _____

Depth of well 30'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 57'

I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 156 gpm
 Total time _____ to reach pumping water level 57 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 / gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	67	4	290	15 gpm
↓				
10:15	69	4	290	15

B 1 2173

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER HO-94-3482 fill in this form completely

Date Received (APA) 07-10-02

OWNER INFORMATION

9118

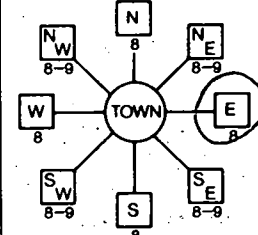
15 Last Name 16307 Carrs Mill Road 34 First Name 36 Street or RFD Woodbine, Md 21797 55 57 Town 70 State 72 Zip 76

B 3 HOWARD LOCATION OF WELL CC# 8 COUNTY Maple Ridge 21 23 SUBDIVISION 42 44 SECTION 46 LOT 12 48 50 LISBON 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1 M I 73 76 77 78

DRILLER INFORMATION

George F. Easterday M WD 040 76 Driller's Name License No. 81 L. Franklin Easterday, Inc. Firm Name 9265 Brown Church Rd., MT. Airy, Md. 21771 Address George F. Easterday 7/12/2002 Signature Date

B 4 Carrs Mill Road 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH 34 35 37 DISTANCE FROM ROAD FT. ENTER FT OR MI 38 39 TAX MAP: 8 BLK: 14 PARCEL: 51378



B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 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

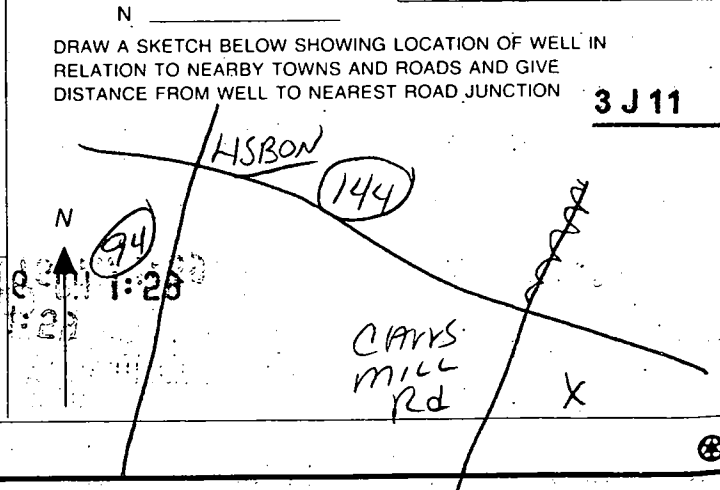
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A510610 COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 08/15/02 Mark E. Riffin 08/15/03 CO SIGNATURE EXP. DATE NORTH GRID 543 000 EAST GRID 785 000 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

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 78005 E 54003 000 000 N

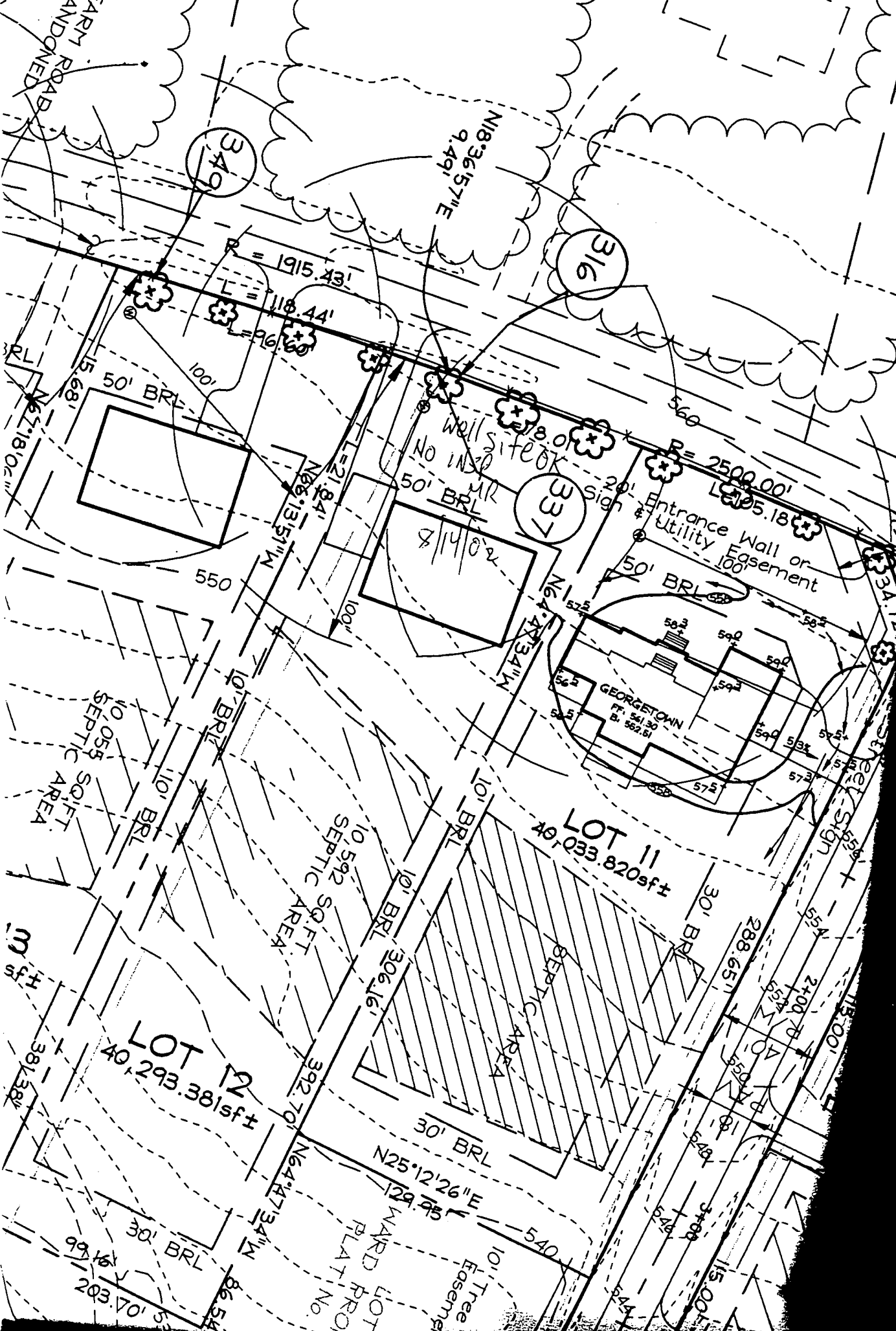
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROtary AIR-Percussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROtary Drive-POINT other

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) APPROP. PERMIT NUMBER G PERMIT No. HO-94-3482 70 71 72 73 74 75 76 77 78 79

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



FARM ROAD
BANDONED

(349)

(316)

(337)

LOT 11
40,033.820sq±

LOT 12
40,293.381sq±

M
H
381.387

Wellsite
NO INSPECTION

GEORGETOWN
FF. 561.20
BL. 562.61

LOT 13
40,711.203sq±

10' 0.55 SQ. FT.
SEPTIC AREA

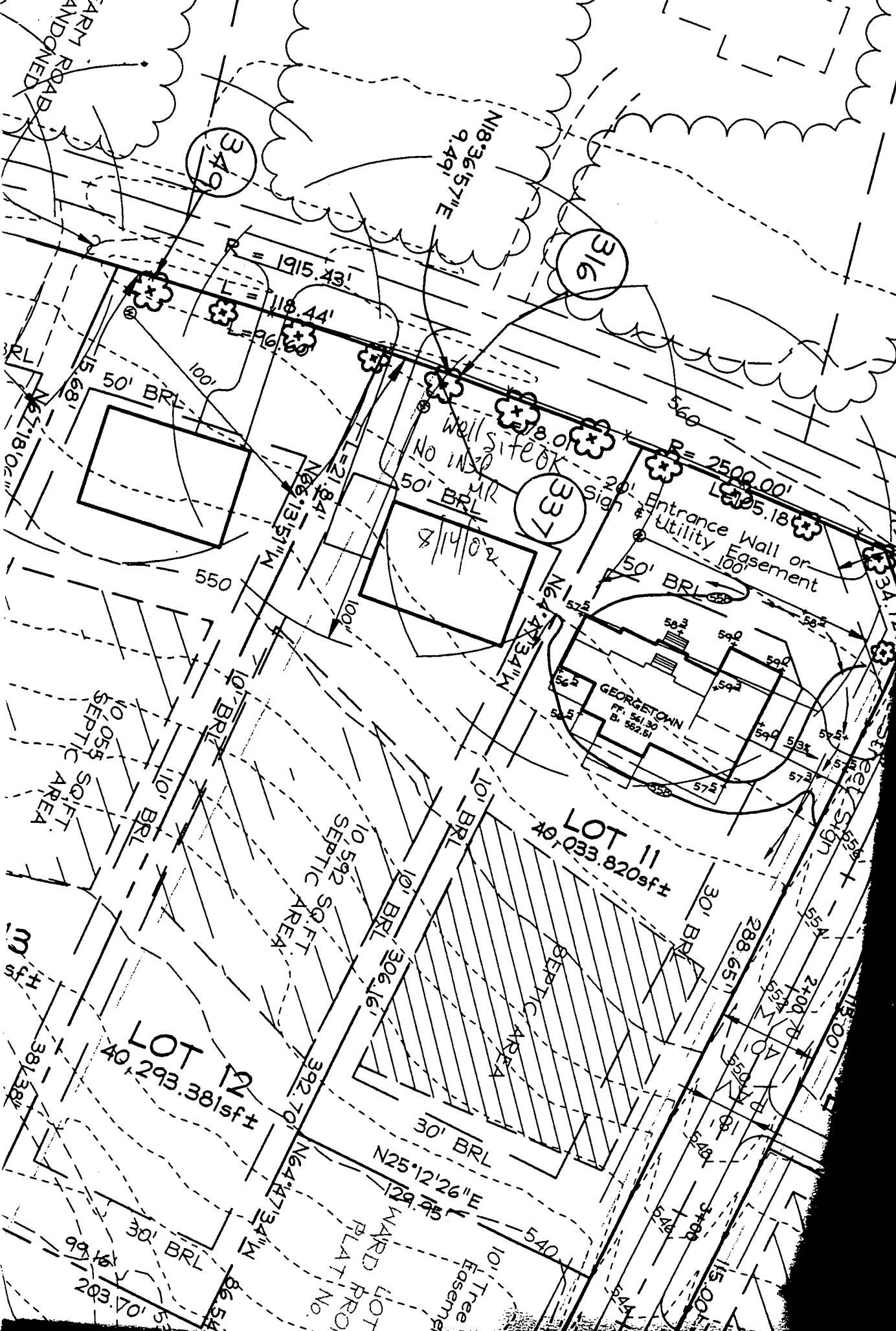
10' 5.92 SQ. FT.
SEPTIC AREA

SEPTIC AREA

Entrance Wall or
Utility Easement

10' Tree
Easement

381.387
203.711
86.54



APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

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 James Ward

ADDRESS 16307 Carrs Mill Road PHONE (410) 442-2033
WOODBIKE MD. 21797

AGENT OR PROSPECTIVE BUYER FISHER COLLINS & CARTER
40 Zacharia Fisch

ADDRESS 10772 Baltimore National Pike PHONE (410) 461-2855
ELLICOTT CITY MD. 21042

PROPERTY LOCATION:

SUBDIVISION Ward prop. LOT NO. 34 12, 13

ROAD AND DESCRIPTION Carrs Mill Road.

TAX MAP 8 PARCEL # 51 378

SIZE OF LOT 1 AC. ± TYPE BLDG. S.F.D.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND 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.

Zacharia Y. Fisch (agent)
(SIGNATURE OF APPLICANT)

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

COUNTY #

SOIL PROFILE
2523

orange
brown
SiCLM

4.0
lgt brn
micaceous
Si Salm
2090
Rx



2522-A

orange
brown
SiCLM

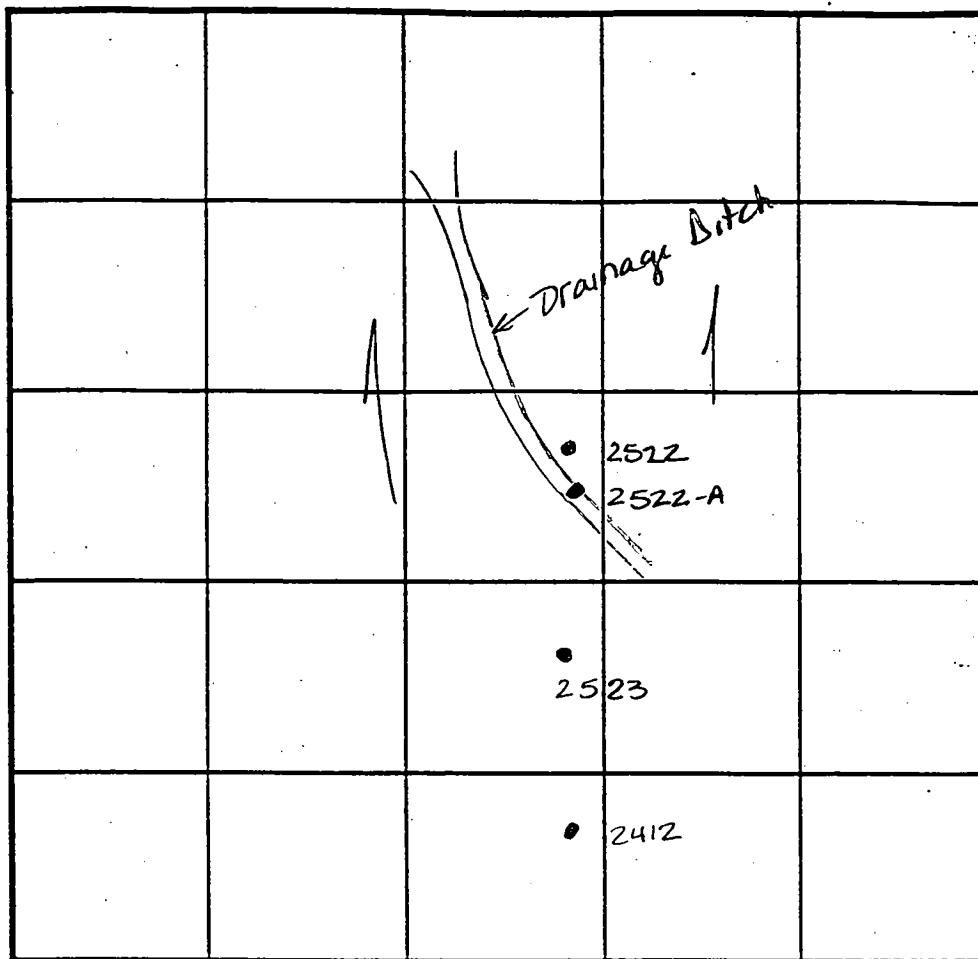
3.5
lgt brn
Si Salm
evidence
of H₂O
@ 10.0'
(blk and
orange
mottles)

2412

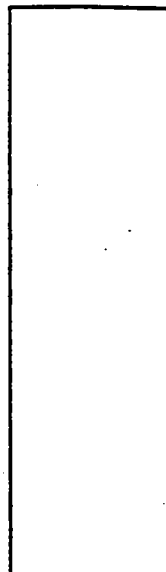
lgt tan
SiCLM

bright
red
SiLM

8.0
bright
red
friable
SiLM
1090
Rx



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. CARRS MILL RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-16-98	2523	Visual	to 11.0 - see profile		—		OK
	2522	Insufficient depth to bedrock - refusal @ 5.0'					F
	2522-A	3.5 V10.0	3:57	4:01	4:01	4:08	7min
	2412	5.5 V12.0	2:48	2:54	2:54	3:10	14min
		8.0 V12.0	2:46	3:02	3:03	3:25	22min

REMARKS Hold for wet - low holes only to 10.0' & only open 20min

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Olen Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

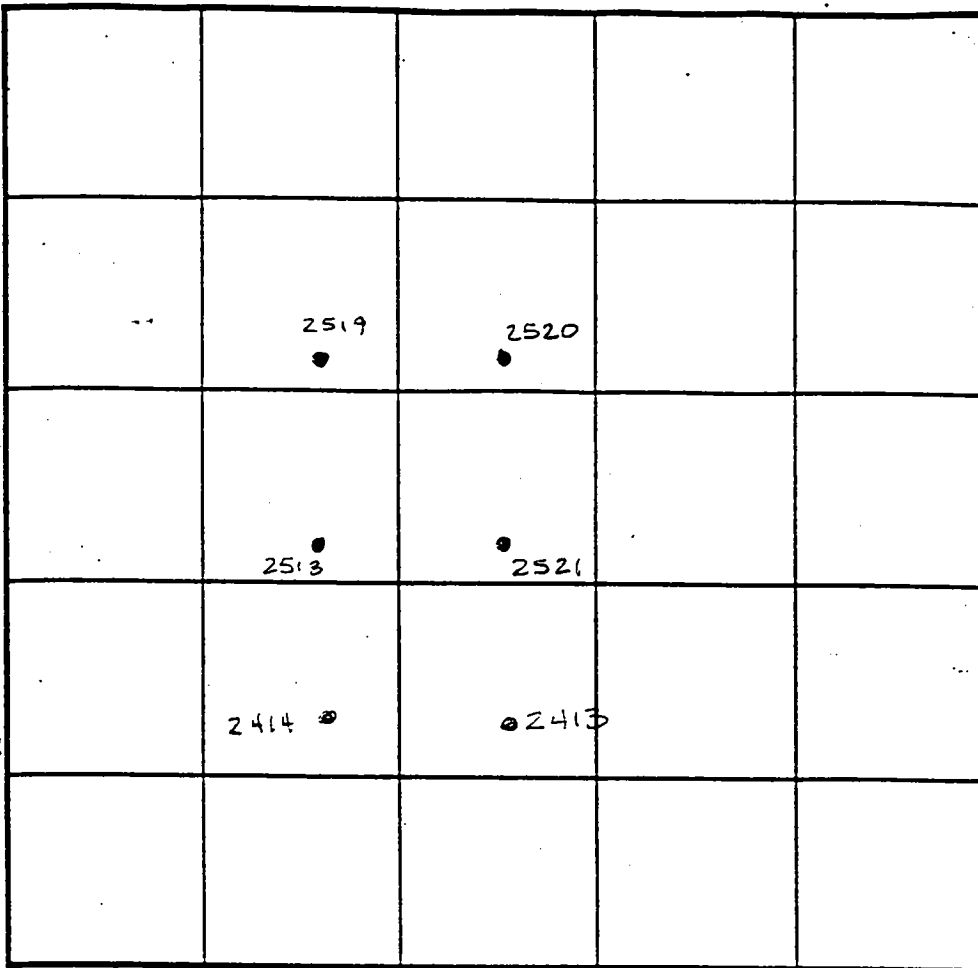
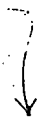
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

120

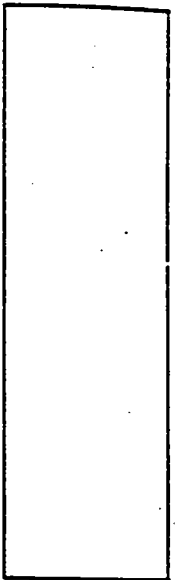
COUNTY #

SOIL PROFILE
2518 2521

no distinct clay layer
red brn
Sisal m
20% large rock frags



SOIL PROFILE



2520 2519

orange red
Sisal m

orange brown
Sisal m

evidence of water @ 10.0

2413 2414

red orange
Sisal m

lgt pink
Sisal m
10% R_c

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. CARRS MILL RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-16-98	2518	Visual	to 10.0	- see	profile	—	OK
	2521	4.0 V10.0	3:31 ³⁰	3:35	3:35	3:40	5min
		7.0 V10.0	3:31	3:35	3:35	3:40	5min
	2520	4.0 V10.0	3:53	3:58	3:58	4:01	3min
	2519	4.0 V	4:04	4:09	4:08	4:12	4min
	2413	Visual	to 12.0	- see	profile	—	OK
	2414	4.0 V12.0	3:03	3:07 ³⁰	3:07 ³⁰	3:09	1 1/2 min
		8.0 V12.0	3:09	3:10	3:10	3:14	4min

REMARKS HOLD FOR WET SEASON

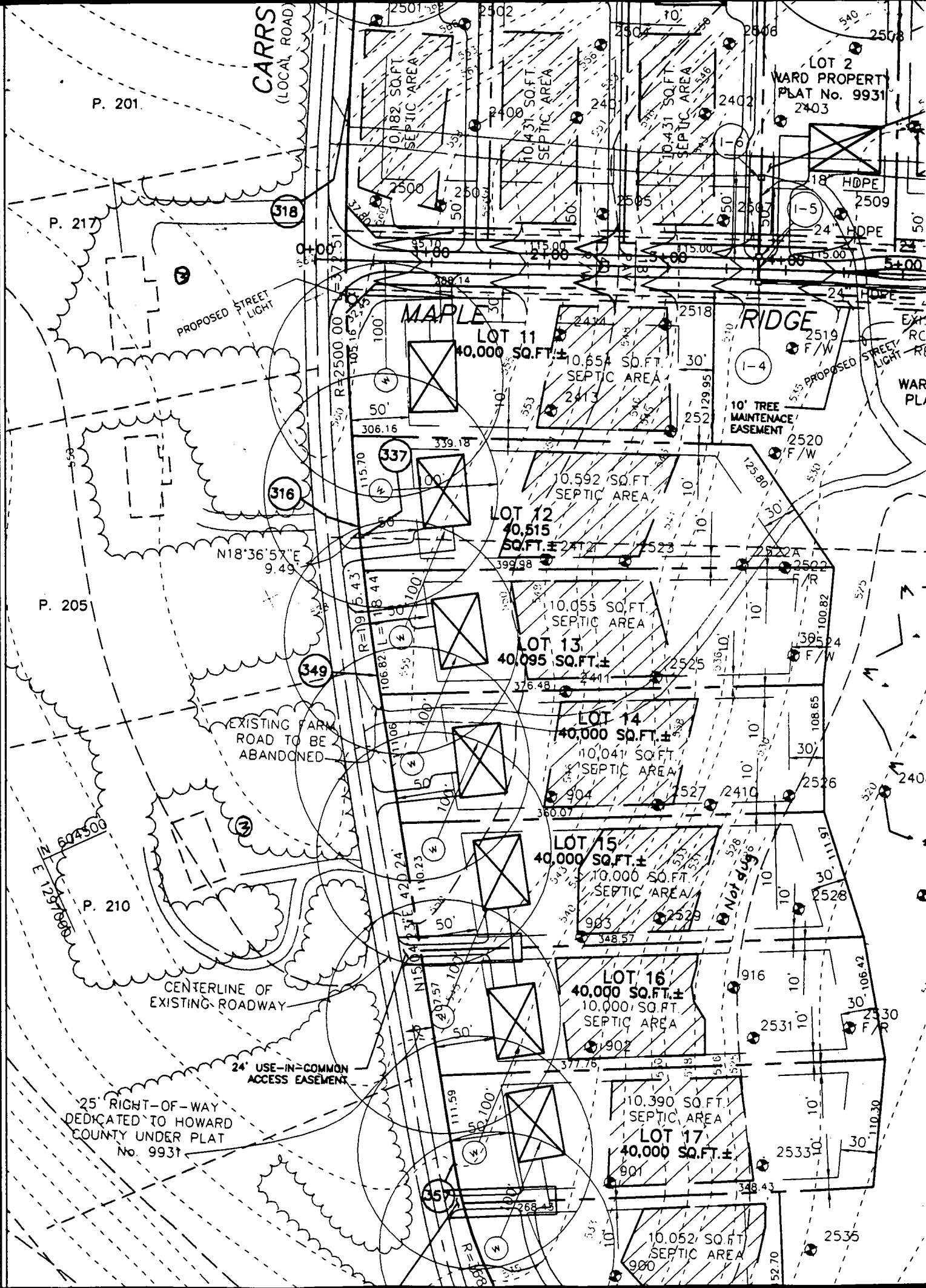
TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Olen Katterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPROVED PERC CERT 6/20/01



P. 201

P. 217

P. 205

P. 210

CARRS
(LOCAL ROAD)

LOT 2
WARD PROPERTY
PLAT No. 9931
2403

MAPLE

RIDGE

LOT 11
40,000 SQ.FT.±

LOT 12
40,515
SQ.FT.±

LOT 13
40,095 SQ.FT.±

LOT 14
40,000 SQ.FT.±

LOT 15
40,000 SQ.FT.±

LOT 16
40,000 SQ.FT.±

LOT 17
40,000 SQ.FT.±

PROPOSED STREET LIGHT

EXISTING FARM ROAD TO BE ABANDONED

CENTERLINE OF EXISTING ROADWAY

24' USE-IN-COMMON ACCESS EASEMENT

25' RIGHT-OF-WAY DEDICATED TO HOWARD COUNTY UNDER PLAT No. 9931

10' TREE MAINTENANCE/EASEMENT

Not dug

P.01.005 6/20/01

P. 201

P. 217

P. 205

P. 210

CARR (LOCAL RO.)

WARD PROPERTY
PLAT No. 9931
2403

PROP. CONC.
PEDESTRIAN
STANDING PAD

PROPOSED STREET LIGHT

MAPLE RIDGE

10' TREE
MAINTENANCE
EASEMENT

N18°36'57"E
9.49'

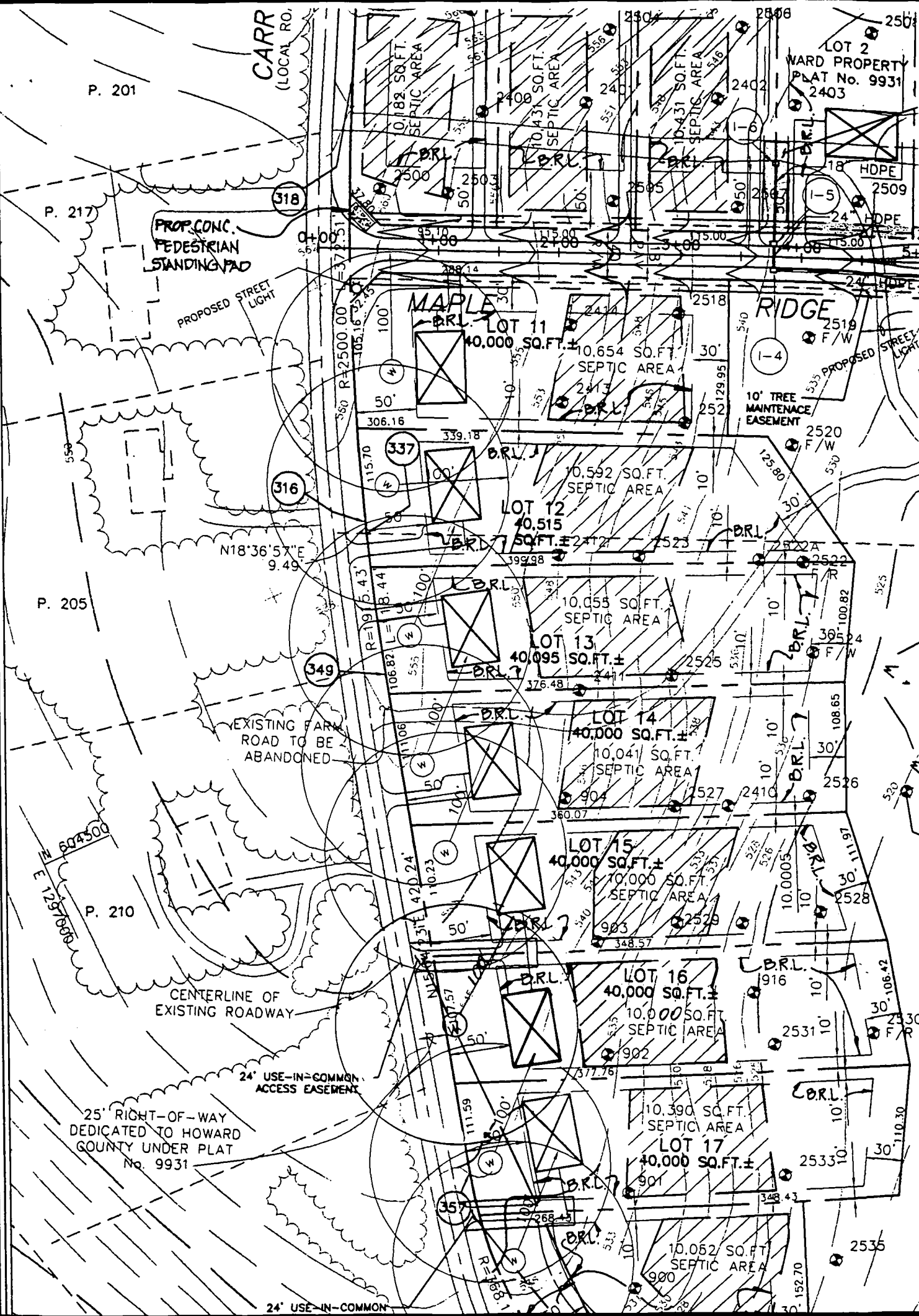
EXISTING FARM
ROAD TO BE
ABANDONED

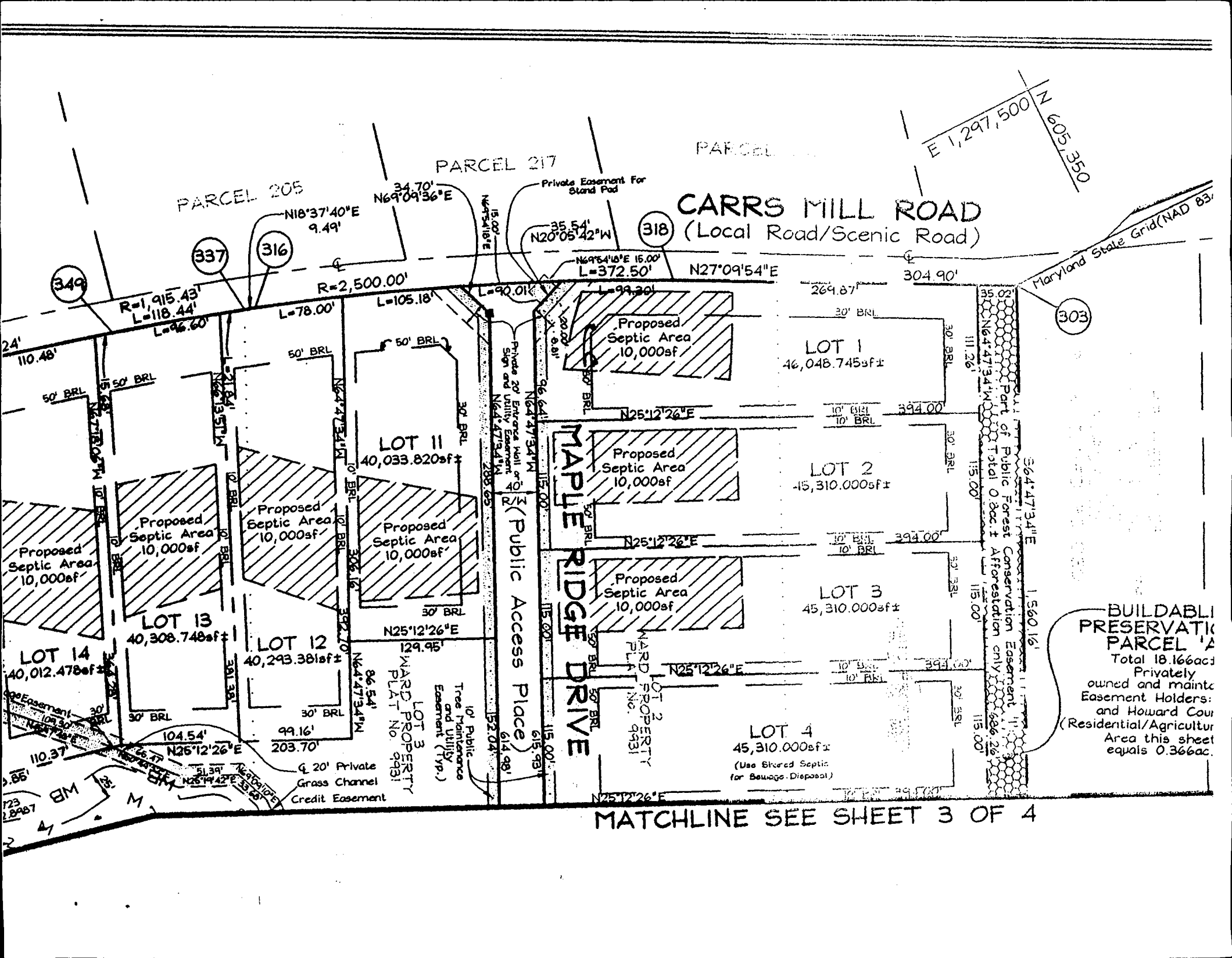
CENTERLINE OF
EXISTING ROADWAY

24' USE-IN-COMMON
ACCESS EASEMENT

25' RIGHT-OF-WAY
DEDICATED TO HOWARD
COUNTY UNDER PLAT
No. 9931

24' USE-IN-COMMON

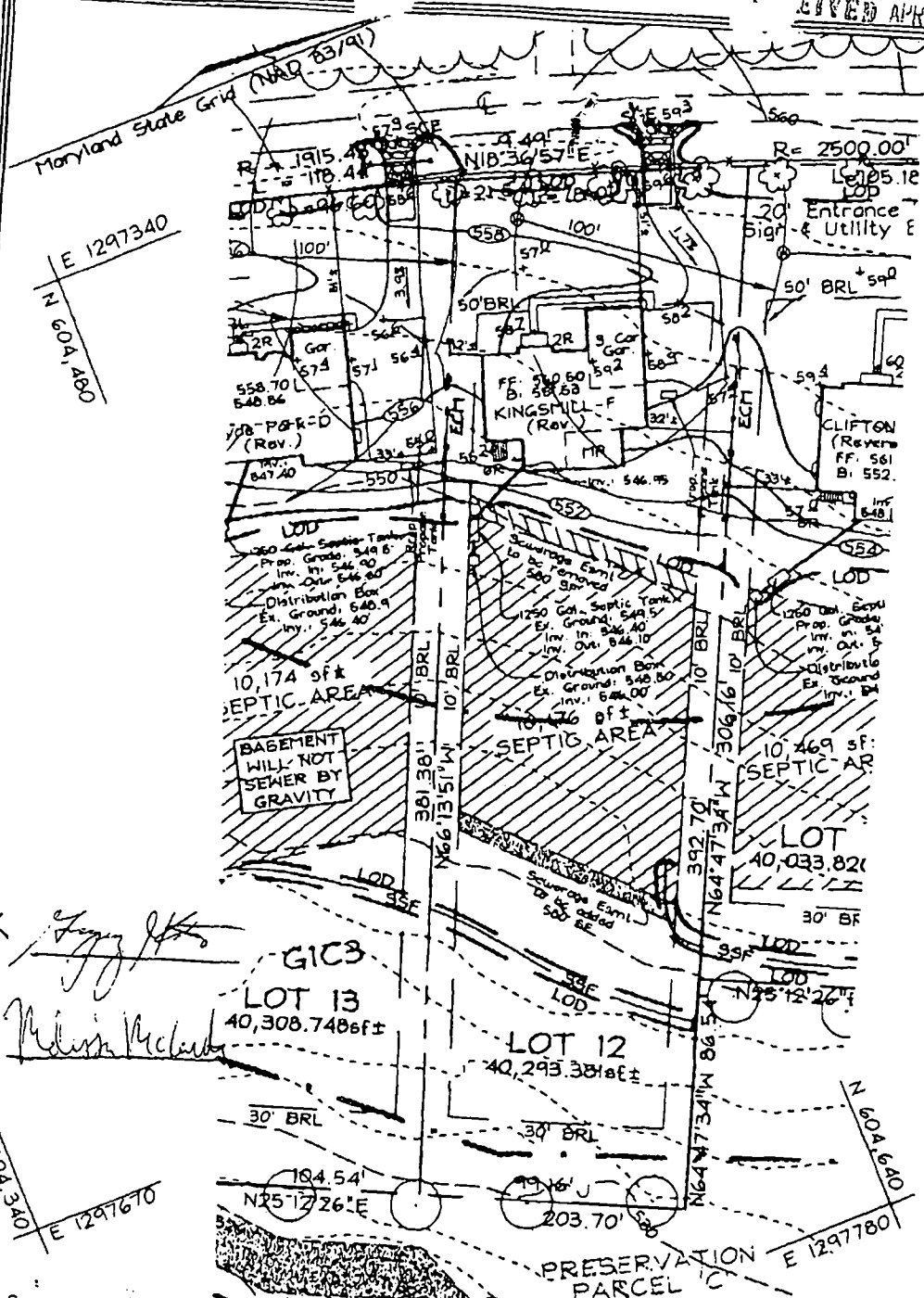




CARRS MILL ROAD (Local Road/Scenic Road)

BUILDLABLE PRESERVATION PARCEL 1A
Total 18.166acs
Privately owned and maintained
Easement Holders:
and Howard Court
(Residential/Agricultural Area this sheet equals 0.366acs)

MATCHLINE SEE SHEET 3 OF 4



B00143164

7/20/03
 Proposed
 Purchase
 Tank OK

X *[Signature]*
 X *[Signature]*

Note: See Approved Grading Plan GP-03-16 For Entire Site.
 Note: The adjustment shown to the Septic Easement has not been approved at this time.

FSH Associates

Engineers Planners Surveyors
 8318 Forrest Street Ellicott City, MD 21043
 Tel: 410-750-2251 Fax: 410-750-7350
 E-mail: FSHAssociates@cs.com

OWNER/DEVELOPER

NV HOMES
 2200 Defense Highway, Suite 301
 Crofton, Maryland 21114
 301.858.0522

PRELIMINARY

LOT RESITE
MAPLE RIDGE

DESIGN BY: PS
 DRAWN BY: SIm
 CHECKED BY: ZYF
 SCALE: 1"=50'
 DATE: Mar. 31, 2003
 W.O. No.: 3138
 SHEET No.: 1 OF 1

TAX MAP 8 GRID 12 & 20
 4TH ELECTION DISTRICT
 PARCEL 51 & 378
 HOWARD COUNTY, MARYLAND

M:\Maple Ridge 3138\dwg\Resites\Lot 12\Resite 03310313130_Sr_120.dwg, 3/31/2003 2:03:02 PM, mike

GP-03-16

JUL 22 2003 13:00