

LAYOUT 4/8/03 5/13/03 2:30pm INSP 4 5/30/03 2:30pm 6/6/03 11:30
 INSP 2 5/14/03 11:30am INSP 5 6/2/03 3PM 7/7/03 pump test @ 11am
 INSP 3 5/27/03 11am INSP 6 6/5/03 2pm 7/8/03 " " 1:30pm

ISSUE DATE: 4/3/2003

P 518611

APPROVAL DATE: 7/8/03

A 510610-R

PERMIT INDEXED

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

04-367286

South Carroll Backhoe _____ IS PERMITTED TO INSTALL ALTER

ADDRESS: 4410 Salem Bottom Road - 21157 PHONE NUMBER: 410-875-4197

SUBDIVISION: Maple Ridge LOT NUMBER: 18

ADDRESS: 16168 Carrs Mill Road PROPERTY OWNER: NVR, Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 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 as shown on the approved plan. Run trenches on contour.
NOTES:	No basement gravity service proposed. Septic tanks to have no more than 3' of cover to lids.

PLANS APPROVED: Steven R. Krieg DATE: 3/5/2003

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

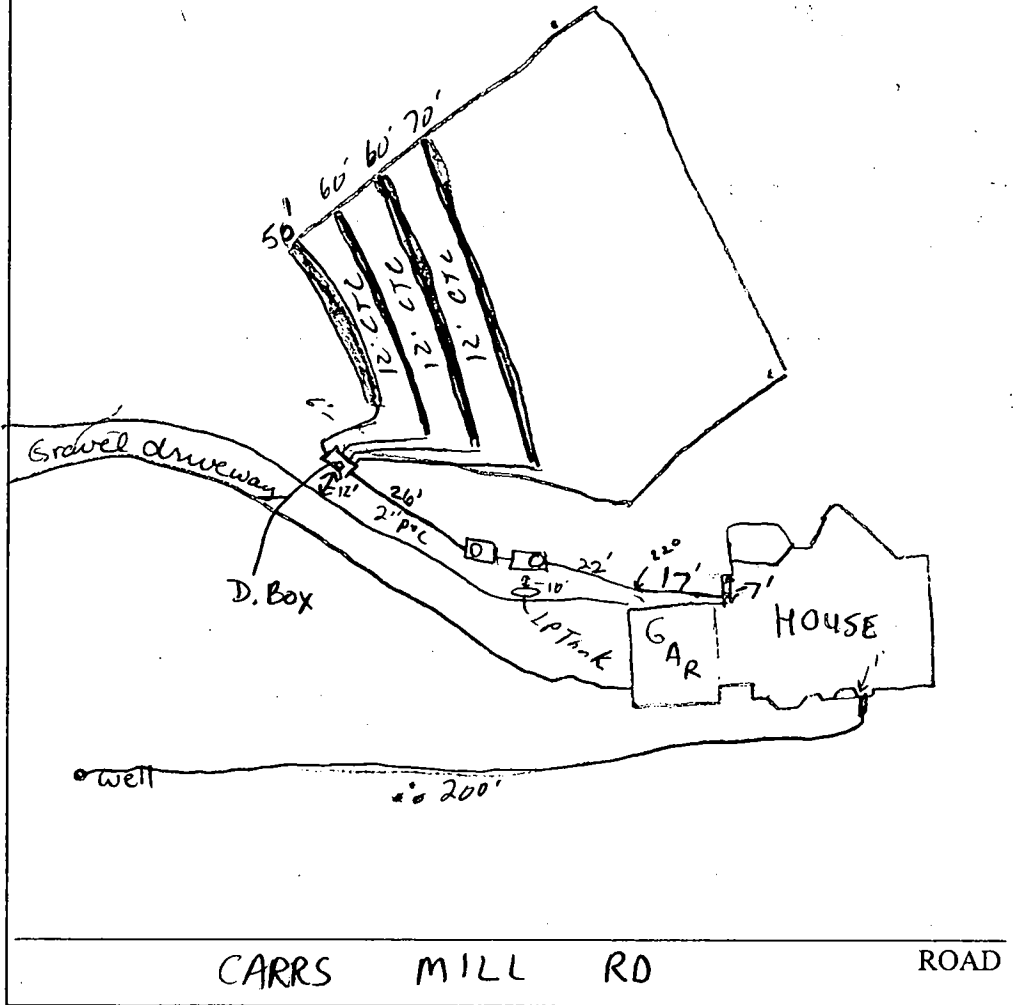
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

BUILDING PERMITS SIGNED AND RETURNED
 DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL

5-6-03 BOO141567-UG PROPANE TANK
10-15-03 BOO144562-DECK

AS10610-R

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'	5.3'
NUMBER OF TRENCHES		4
TOTAL LENGTH		240'
ABSORPTION AREA		720 A
DISTRIBUTION BOX LEVEL		/
DISTRIBUTION BOX BAFFLE		/
DISTRIBUTION BOX PORT		/

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5-3
BAFFLES	yes
BAFFLE FILTER	
MANHOLE LOC	Front
6" PORT LOC	no
WATERTIGHT TEST	no
SEPTIC TANK 2 LEVEL	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3-4
BAFFLES	✓
BAFFLE FILTER	
MANHOLE LOC	back
6" PORT LOC	
WATERTIGHT TEST	no

PRE-CONSTRUCTION 5/13/03 - ALL SDA STAKES NOT SET, RE-STAKE & BEGIN - (SRK)

5/14/03 - cancelled

INSTALLATION 5/27/03 No one here (SO) 5/30/03 SRA Staked, LP tank installed 16' off SRA. OK to leave LP tank in if they maintain 10' from S.T. & P.T. Install 50'/60'/60'/70' trenches (SO) 6/2/03 Tanks set (SO)

6/5/03 OK to cover 1st trench. Continue work. (KN) 6/6/03 OK to cover all work. Pump & Alarm tests needed (SO) 7/7/03 No one here, Kenny forget (SO) 7/8/03 Pump & Alarm tests OK (SO)

7/7/03 No one here, Kenny forget (SO) 7/8/03 Pump & Alarm tests OK (SO)

FINAL INSPECTOR *[Signature]* DATE OF APPROVAL 7/8/03

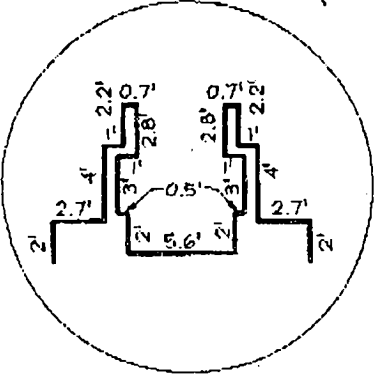
FINAL INSPECTOR *[Signature]* DATE OF APPROVAL 7/8/03

Maryland State Grid (NAD 83/91)
CARRS MILL ROAD
 (LOCAL SCENIC ROAD)

$L = 284.88'$ $R = 368.15'$
 $L = 250.99'$

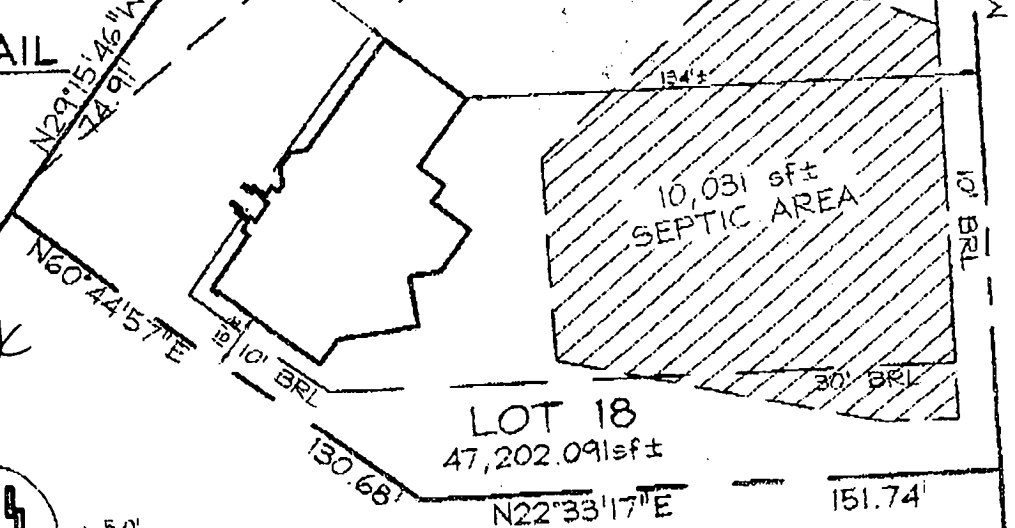
Public variable width
 Line of Sight Easement 50' BRL

24' Use-in-Common
 Access Easement
 for Lots 17 and 18



PORCH DETAIL
 SCALE: 1"=10'

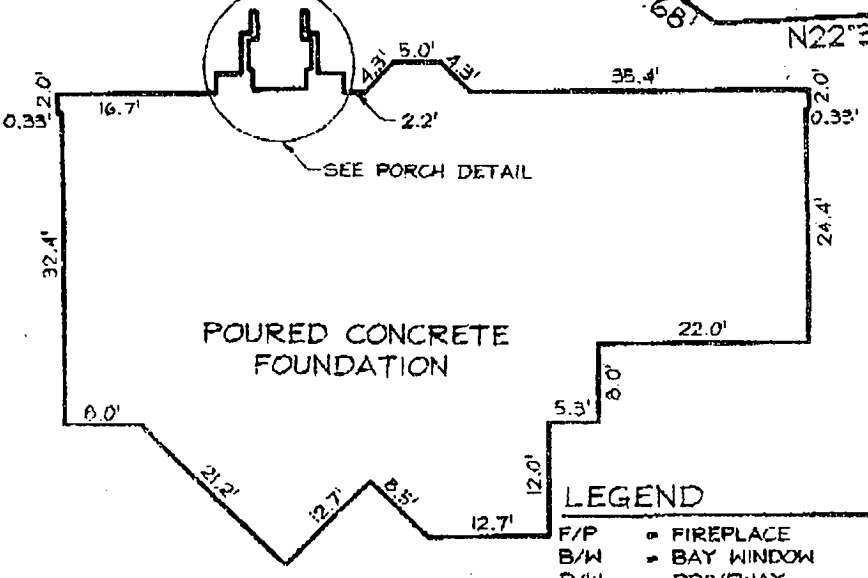
4/3/03
 No issues
 well check OK
 (KN)



LOT 18
 47,202.091sf±

**PRESERVATION
 PARCEL 'C'**

PLAN VIEW
 SCALE: 1"=50'



FOUNDATION DETAIL
 SCALE: 1"=20'

LEGEND

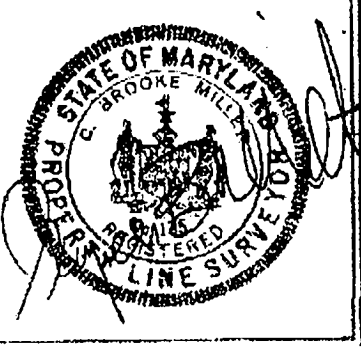
- F/P = FIREPLACE
- B/W = BAY WINDOW
- D/W = DRIVEWAY
- CONC = CONCRETE
- O/H = OVERHANG
- H/P = HEAT PUMP/AIR COND.
- G/M = GAS METER
- E/M = ELECTRIC METER

ADDRESS No.: 16168 CARRS MILL ROAD
 TOP OF WALL ELEV. = 528.85' 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 ES-
 TABLISHMENT 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: 410-750-2251 Fax: 410-750-7350
 E-mail: FSHAssociates@cs.com

LOCATION DRAWING	
FOUNDATION	Date: 04/01/03
FINAL	Date:
DRAWN BY:	Silm
SCALE:	As Shown
W.O. No.:	3138



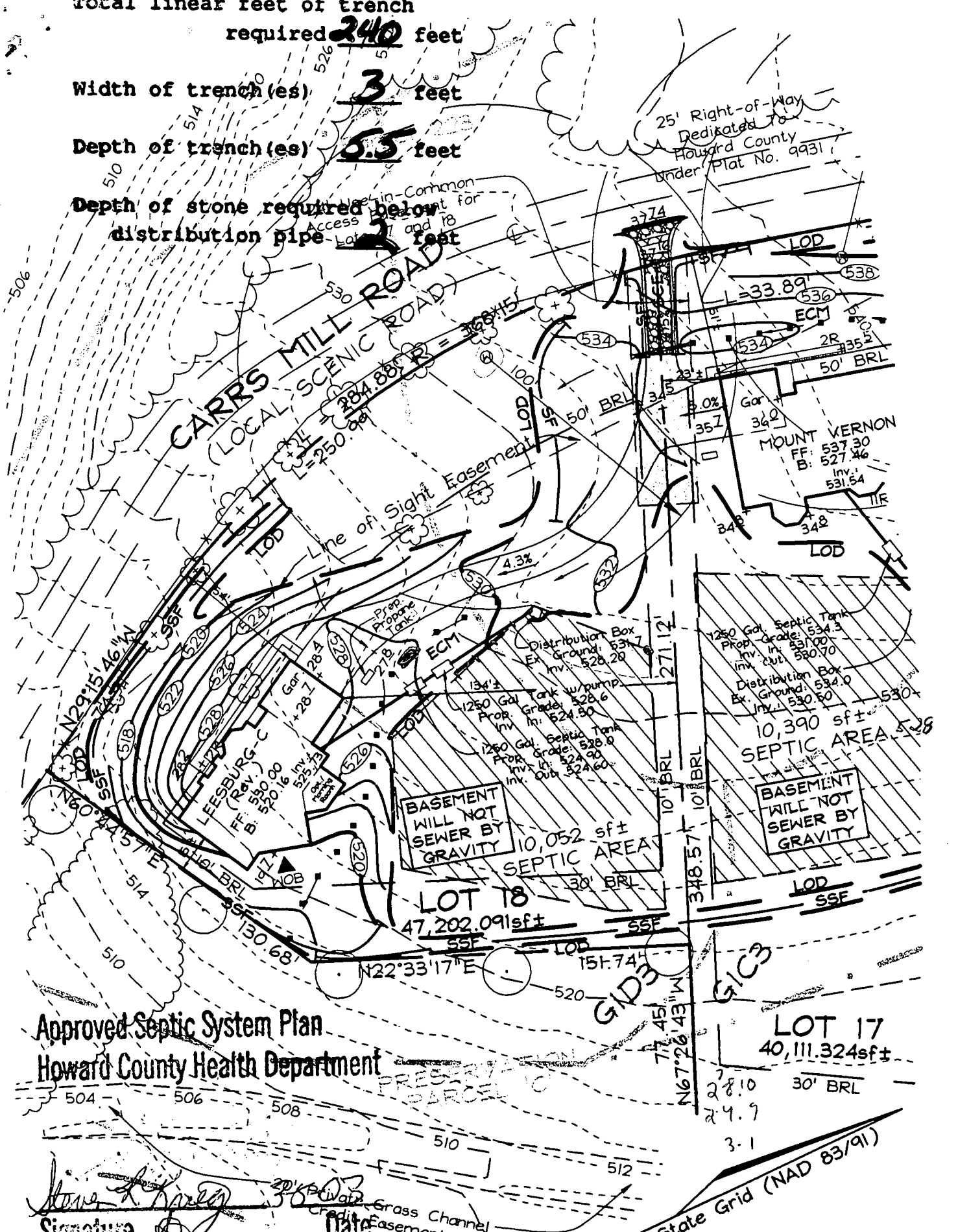
WALL CHECK
 LOT 18
 MAPLE RIDGE
 PLAT No. 15667
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

Total linear feet of trench required **240** feet

Width of trench(es) **3** feet

Depth of trench(es) **5.5** feet

Depth of stone required below distribution pipe **2** feet



Approved Septic System Plan
Howard County Health Department

Steve A. Green
Signature Date 2/6/03

FSH Associates

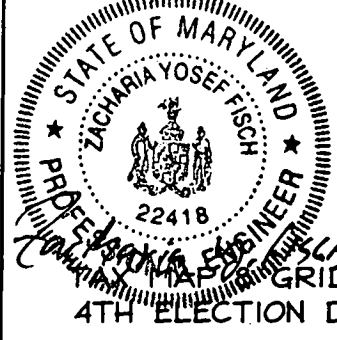
Engineers Planners Surveyors
8318 Forrest Street Ellicott City, MD 21043
Tel: 410-750-2251 Fax: 410-750-7350
E-mail: FSHAssociates@cs.com

OWNER/DEVELOPER

NV HOMES
2800 Defense Highway, Suite 301
Crofton, Maryland 21114
301.858.0522

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

DESIGN BY: PS
DRAWN BY: PS
CHECKED BY: ZYF
SCALE: 1"=50'
DATE: Feb. 06, 2003
W.O. No.: 3138
SHEET No.: 1 OF 1



**LOT RESITE
LOT 18
MAPLE RIDGE**

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

GP-03-16

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 PARKER AVE.
SYKESTOWN, 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: NV Homes Telephone #: 410-721-4703
Subdivision: Maple Ridge Lot #: 18 Well Tag #: HO-99-3988
Site Address: 16168 Carrs 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 #: 7P4002NL-04 Model#: PT 800 Screened, vented well cap:
Pump Capacity: 7 GPM Depth: 42" (36" min) Cap secured to casing:
Well Yield: 15.0 GPM NSF approved: Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: 300 (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 6/27/03
Signature of company representative responsible for installation date

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

Date Insp. Requested: 4/8/03 Date Insp. Approved: 6/2/03 (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 14237 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

ST/CO USE ONLY DATE RECEIVED MM DD YY 9/3/02

DATE WELL COMPLETED 9/3/02 Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-3488

OWNER LANDSCAPE DEVELOPMENT last name CARRS MILL ROAD first name TOWN LISBON SUBDIVISION MAPLE RIDGE SECTION LOT 18

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. Rows include: Topsoil, red rocky clay, Brown shale, Brown slate, Greenish/gray slate, Tanish/brown slate, Bluish/gray slate.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 19 NO. OF POUNDS 1780 GALLONS OF WATER 114 DEPTH OF GROUT SEAL (to nearest foot) 40

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

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 60

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

DEPTH (nearest ft.) 300. A C H S R E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15. METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 42 WHEN PUMPING 45 TYPE OF PUMP USED (for test) S (submersible)

PUMP INSTALLED

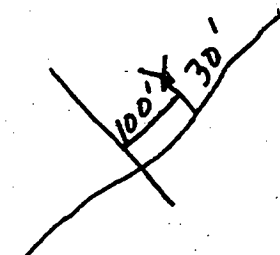
DRILLER INSTALLED PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 2 (nearest foot)

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)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED YES (Y) NO (N) 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.

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. DRILLERS LIC. NO. 1 MWD 040 Please F. Costantini DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 JUD 27 Frank Boudin 206PM SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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



B 1 **2179**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

please type

STATE PERMIT NUMBER

HO-94-3488
fill in this form completely

Date Received (APA)

07-16-02

OWNER INFORMATION **9124**

Landscape Development

15 Last Name Owner First Name 34

16307 Carrs Mill Road

36 Street or RFD 55

Woodbine, Md 21797

57 Town 70 State 72 Zip 76

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 **7/12/2002**

Signature Date

B 2 WELL INFORMATION

APPROX. PUMPING RATE **5**
(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED **500**
(GAL. PER DAY) 14 20

B 3 LOCATION OF WELL

Howard GC#

8 COUNTY

Maple Ridge

23 SUBDIVISION 42

SECTION **18** LOT **48 50**

Lisbon

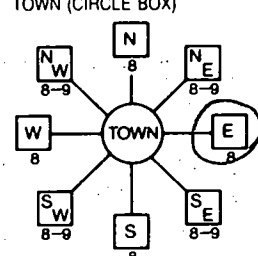
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **4** M I

73 76 77 78

B 4

1 2
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Carrs Mill Road

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 35 37

DISTANCE FROM ROAD Ft. 38 39

ENTER FT OR MI

TAX MAP: **8** BLK: **14** PARCEL: **51378**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD **A510610**

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S → 41

DATE ISSUED **08-15-02** **Mark E. Piffkin** **8/15/03**

43 MM DD YY 48 CO SIGNATURE EXP DATE

NORTH GRID **543 000** EAST GRID **785 000**

50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

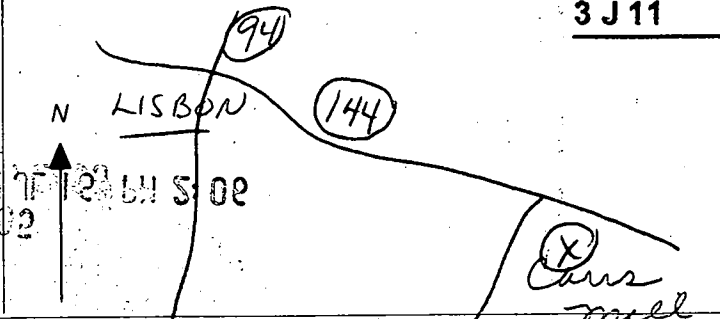
- 1. wells
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

7805

5405

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



USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

APPROXIMATE DEPTH OF WELL **300** FEET

24 28

APPROXIMATE DIAMETER OF WELL **6** INCH

NEAREST

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)

30 37 CABLE REVERSE-ROTARY Drive-POINT

other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
- THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- 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 DEEPEM AN EXISTING WELL

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

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

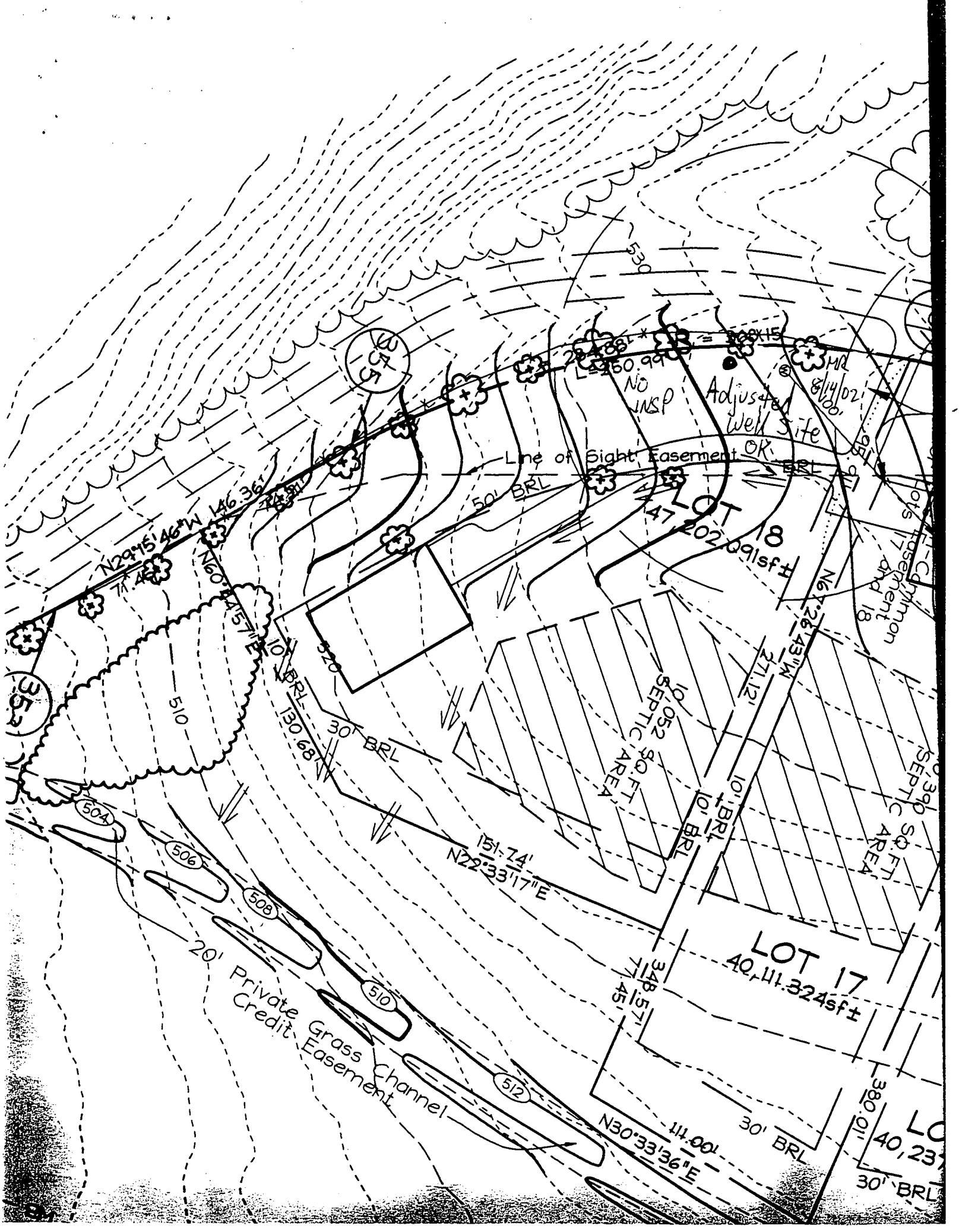
APPROP. PERMIT NUMBER

PERMIT No. **HO-94-3488**

70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.



N29°15'46"W L46.367'
N60°44'51"E L10.10'

Adjusted Well Site
No MSP
8/14/02

Line of Sight Easement OK

LOT 18
202,091sf

Common Easement
Lots 17 and 18

352

510

504

506

508

510

512

20' Private Grass Channel
Private Credit Easement

SEPTIC AREA
10'052 sq. ft.

LOT 17
40,111.324sf

N22°33'17"E L151.74'

N30°33'36"E L111.00'

SEPTIC AREA
399 sq. ft.

LOT 17
40,231.324sf

530

95.97'

N67°26'43"W L26.43'

271.12'

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

50' BRL

30' BRL

10' BRL

130.68'

320'

380.01'

30' BRL

30' BRL

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 do Zacharia Fisch FISHER COLLINS & CARTER

ADDRESS 10272 Baltimore national pike PHONE (410) 461-2855
ELLICOTT CITY MD. 21042

PROPERTY LOCATION:

SUBDIVISION Ward prop. LOT NO. ~~3A~~ 16, 17, 18

ROAD AND DESCRIPTION Carrs Mill Road.

TAX MAP 8 PARCEL # 51 3378

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
2530

red
brown
SiClm
some
pink

4.0
lgt
pink
SiLm
at an
indeterminable
point
soil begins
to become
dull
brown

11.5
2532

dark
orange
brn
SiClm

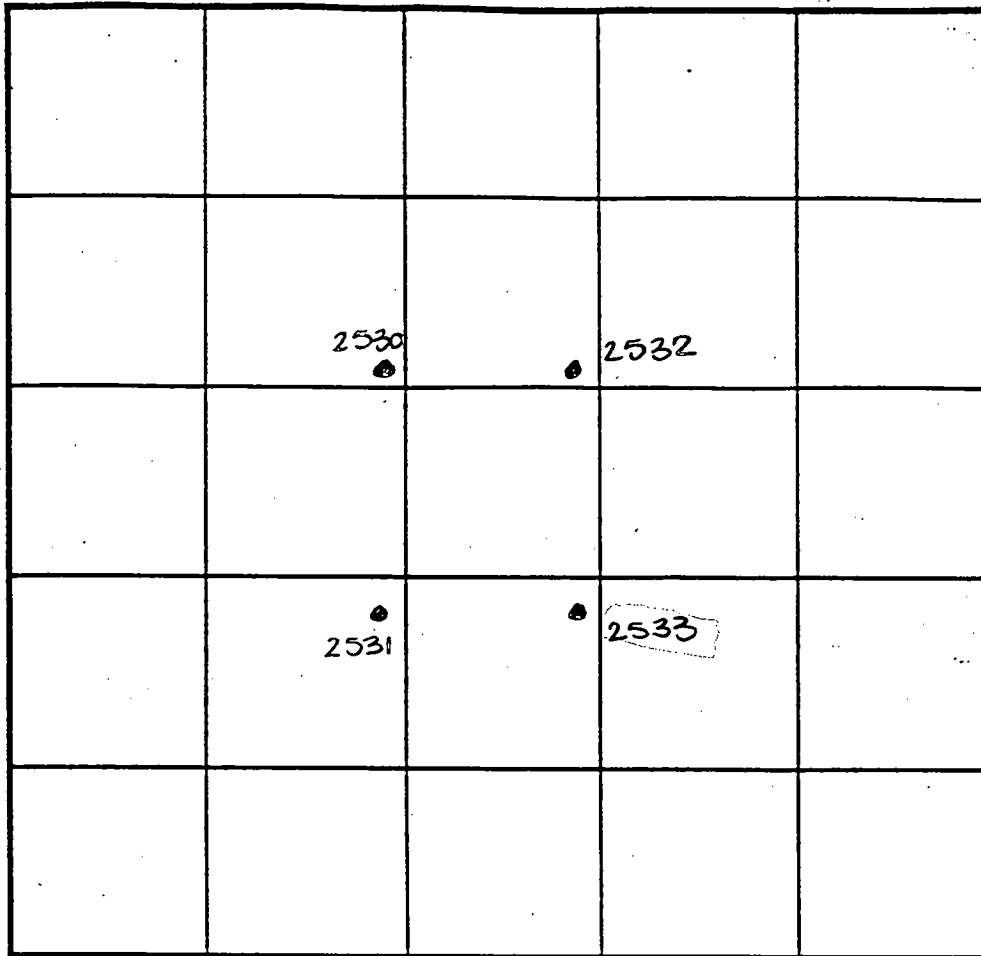
4.0
lgt
orange
SiLm

7.5
>50%
Rx
↓

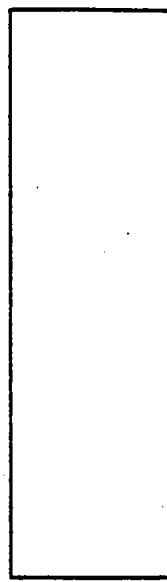
10.0
2533 2531

no
distinct
clay
layer
lgt
pink
SiLm
<50%
Rx
↓

12.0



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9-17-98	2530	4.5 V11.5	1:45	1:46	1:46	1:51	5min	
	2532	Insufficient depth to bedrock.						
		see profile						F
	2533	4.5 V12.0	1:39	1:41	1:41	1:45	4min	
		7.5 V12.0	1:38	1:42	1:42	1:47	5min	
	2531	Visual to 11.5 - see profile						OK

REMARKS Wet season

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

COUNTY #

SOIL PROFILE

2533

0' brn
siltm

0' red
brn
siltm

0.0 some
evidence
of
H₂O
OK
shallow

2155

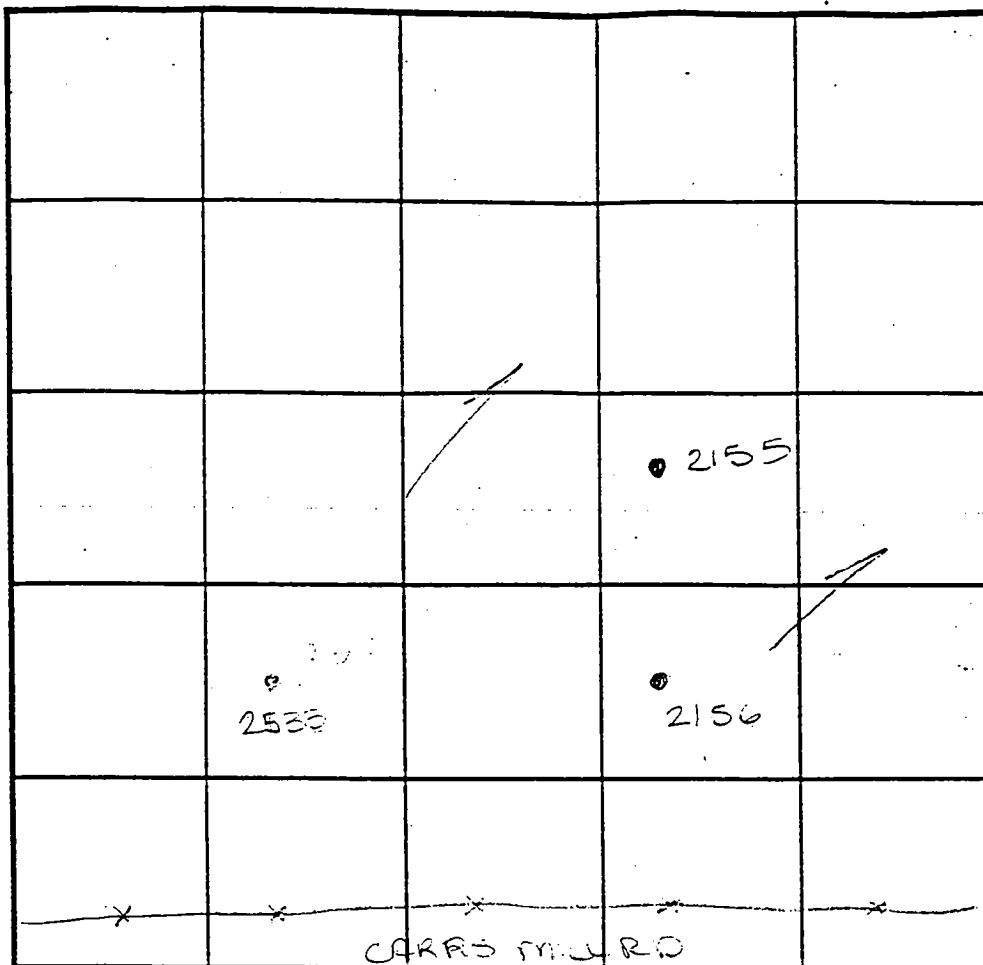
brn
siltm

6' grey
mottled
siltm

11' water

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-21-99	2533	Visual to 120'	see profile		—		OK shallow
	2155	Insufficient depth to	to 120' see profile		—		F
	2156	Water @ 8.0' - insufficient depth	to H ₂ O		—		F

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

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
WOODBINE MD. 21797

AGENT OR PROSPECTIVE BUYER for Zacharia Fisch FISHER COLLINS & CARTER

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

PROPERTY LOCATION:

SUBDIVISION Ward prop. LOT NO. 4118

ROAD AND DESCRIPTION Carrs Mill Road.

TAX MAP 8 PARCEL # 51 3378

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
2534

heavy
orange
brown
siltm

3.5
lgt or
silm
some
point
color
turns
dull but
can't
determine

2536

heavy
orbrown
siltm

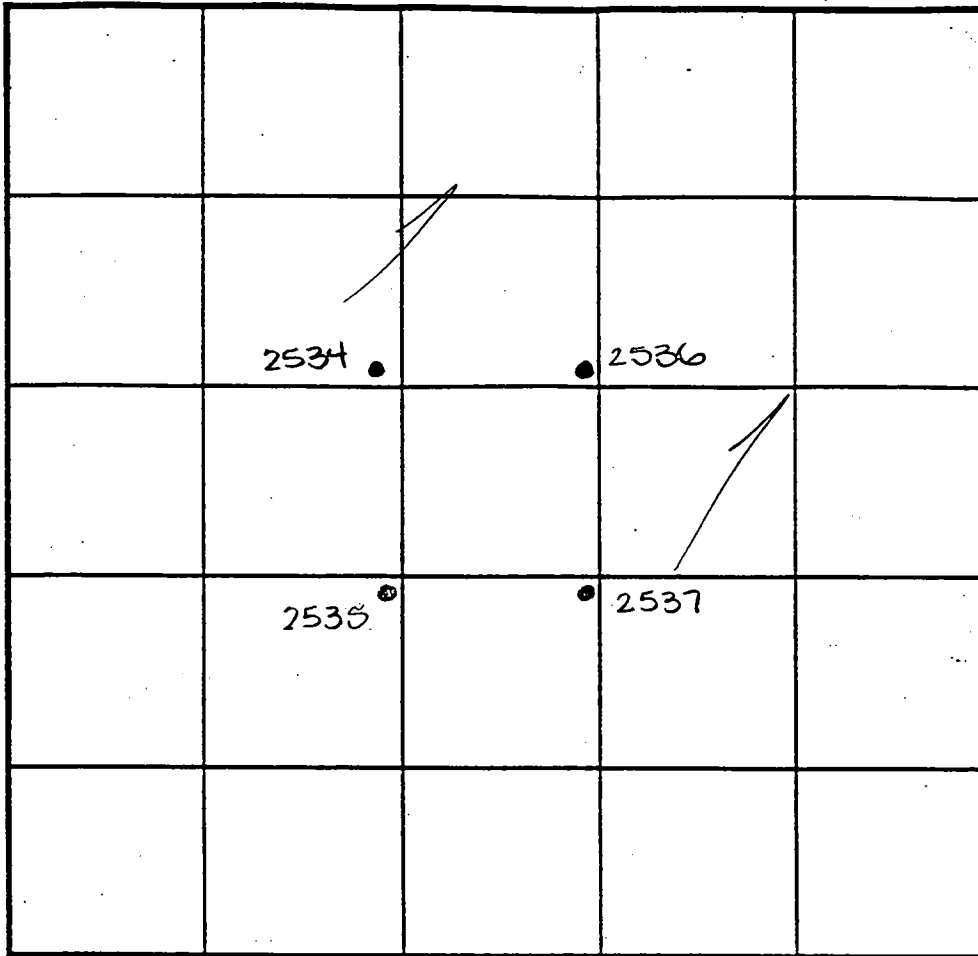
4.0
or
brown
silm

dull
grey
to white
silm
very
heavy

2537
no
distinct
clay
layer
pink
siltm

SOIL PROFILE
2535

like
2537
but
20%
R
frag



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-17-98	2534	4.5 V11.0	1:54	1:59	1:59	2:10	11min
	2536	5.0 V10.5	2:01	2:04	2:04	2:08	4min
	<u>2537</u>	4.0 V12.0	2:06	2:08	2:08	2:11	3min
		7.5 V12.0	2:05	2:07	2:07	2:09 ³⁰	2 1/2 min
	<u>2535</u>	Visual	to 120	- see	profile	—	OK

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

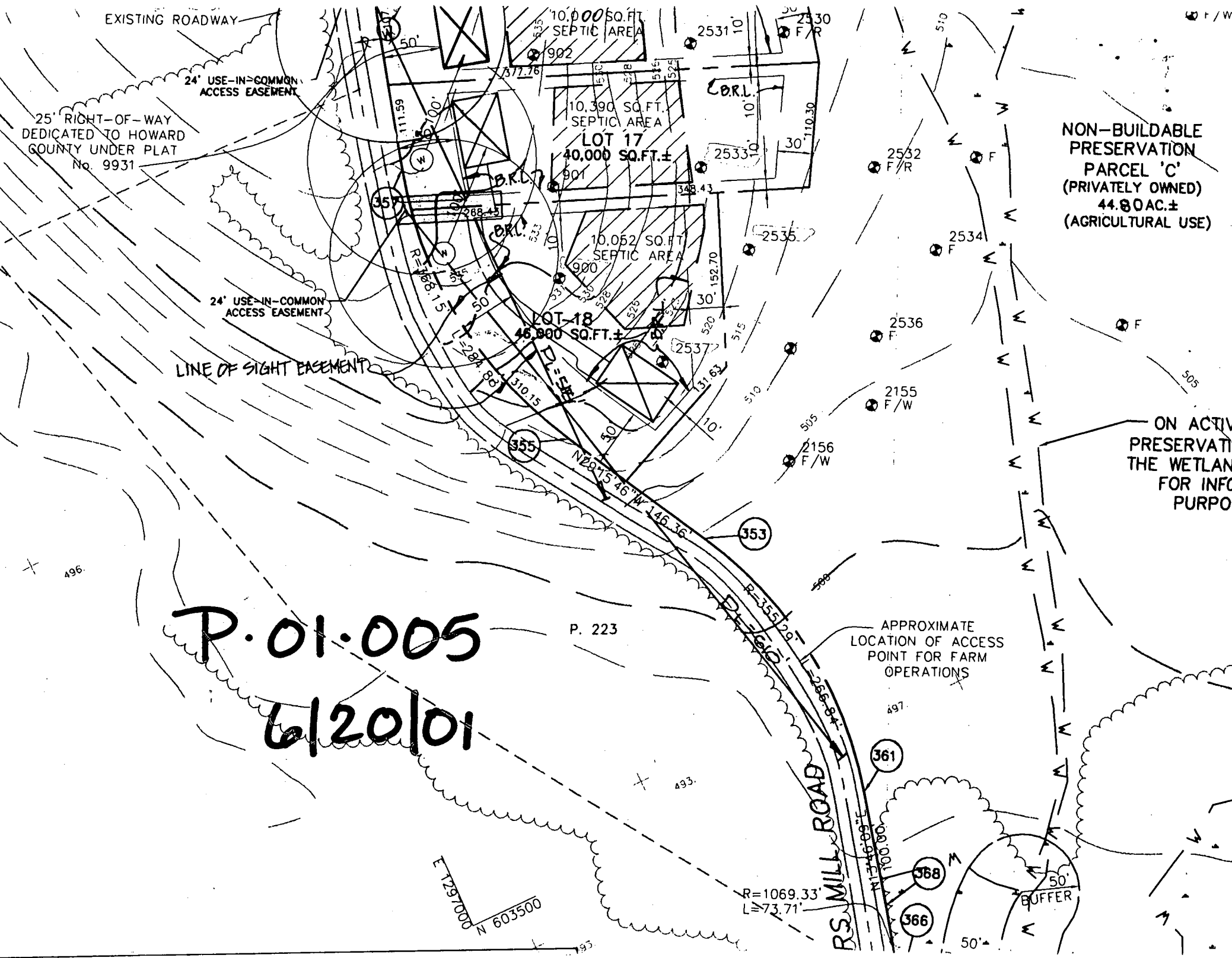
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

12.0

NON-BUILDABLE
PRESERVATION
PARCEL 'C'
(PRIVATELY OWNED)
44.80 AC.±
(AGRICULTURAL USE)

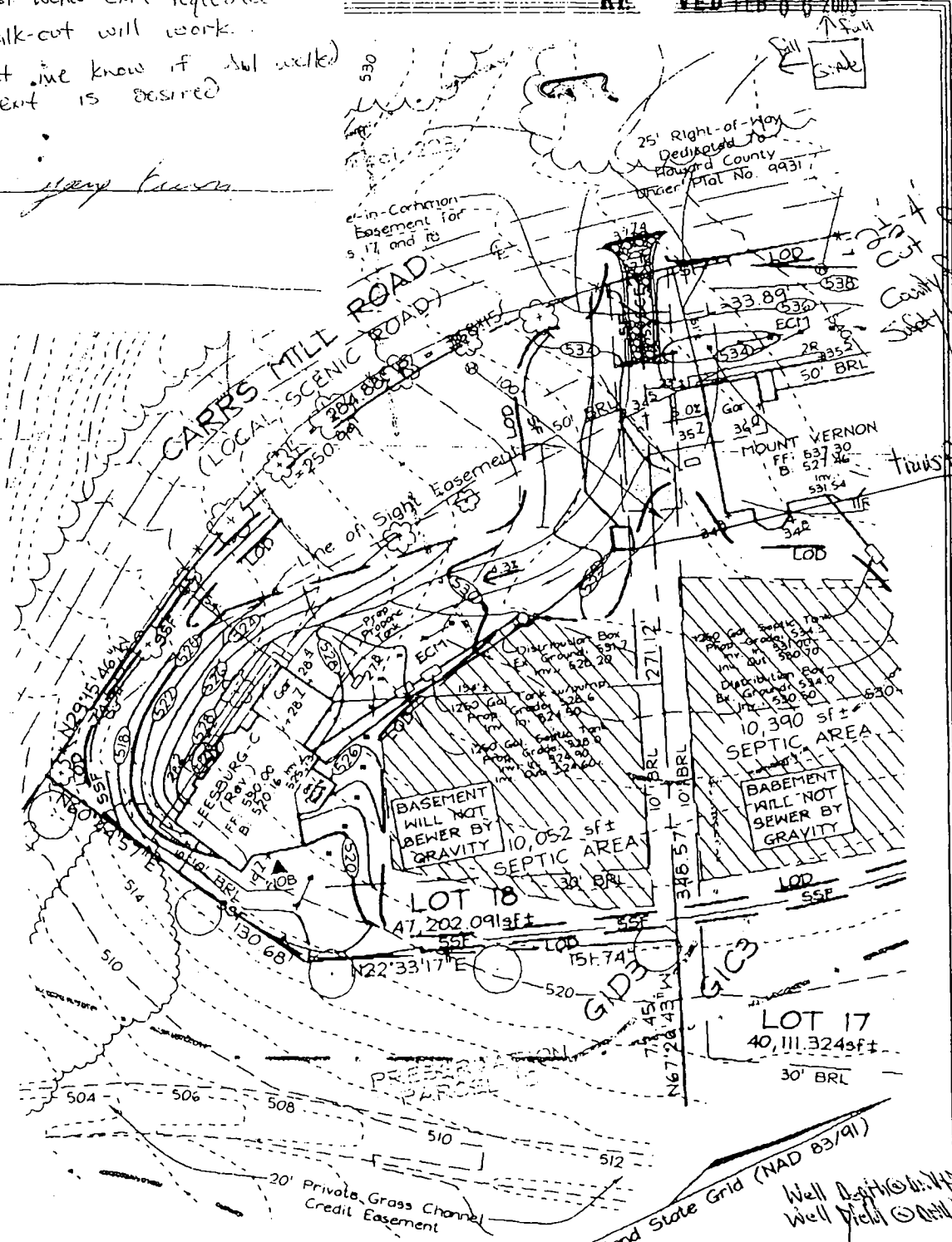
ON ACTIVE
PRESERVATION
THE WETLAND
FOR INFOR
PURPOS

P.01.005
6/20/01



Sub weller ext requested
walk-out will work.
Let me know if sub weller
ext is desired

Handwritten signature



5-6-03
propane
tank
location
OK

BOV141567

FSH Associates

Engineers Planners Surveyors
8318 Forrest Street Ellicott City, MD 21043
Tel: 410-750-2251 Fax: 410-750-7360
E-mail: FSHAssociates@cs.com

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

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

DESIGN BY: PS
 DRAWN BY: PS
 CHECKED BY: ZTF
 SCALE: 1"=50'
 DATE: Feb 06, 2003
 W.O. No.: 3198
 SHEET No.: 1 OF 1

LOT RESITE LOT 18 MAPLE RIDGE

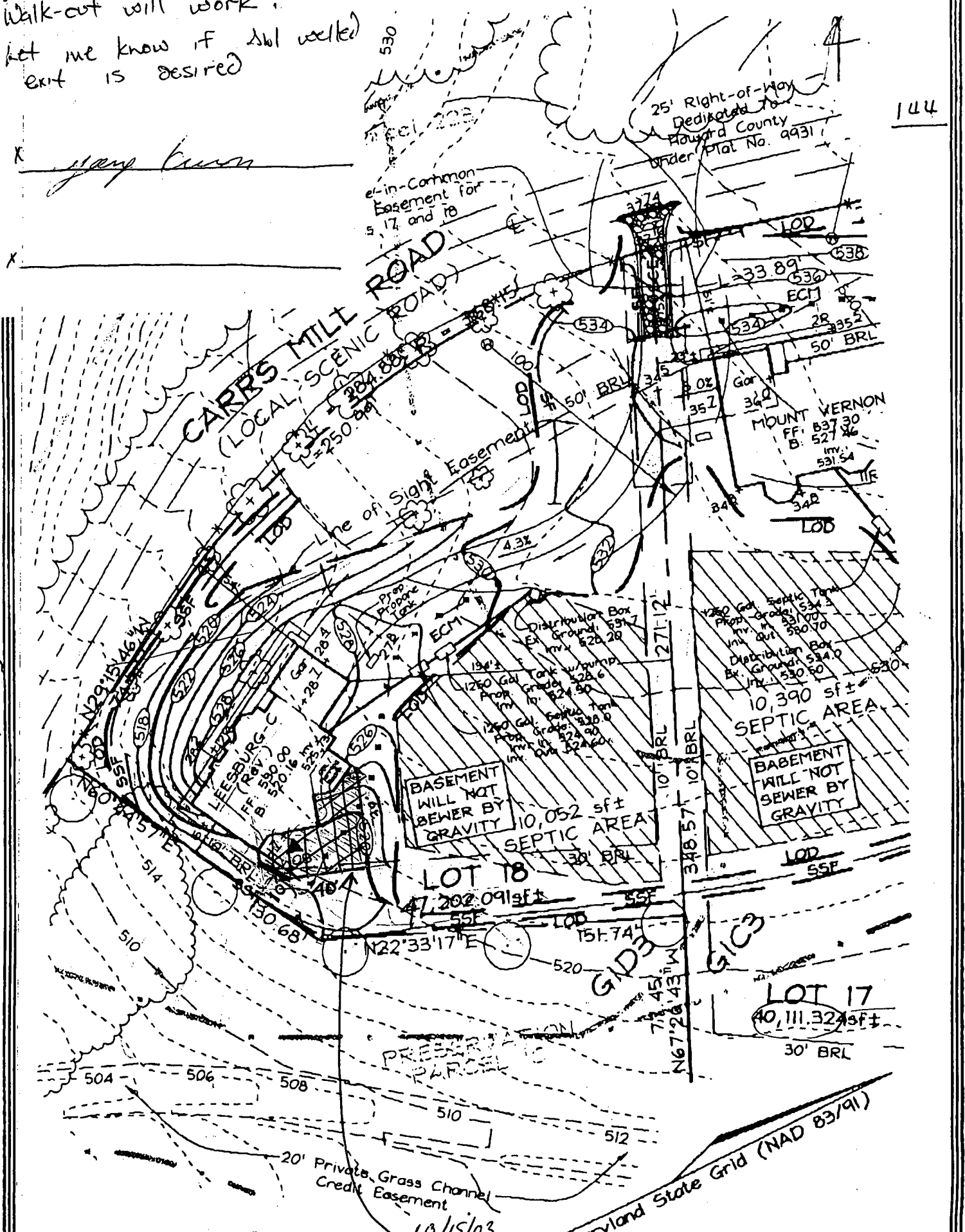
Handwritten initials and date
P 2/7/03

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

RECEIVED FEB 06 2003

Abt. wetted ext requested.
Walk-out will work.
Let me know if Abt wetted
ext is desired

map shown



FSH Associates

Engineers Planners Surveyors
8318 Forrest Street Ellicott City, MD 21043
Tel: 410-750-2251 Fax: 410-750-7360
E-mail: FSHAssociates@cs.com

10/15/03 proposed deck OK (SRK)
Note: See Approved Grading Plan GP-03-16 for Entire Site.

OWNER/DEVELOPER

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

DESIGN BY:	PS
DRAWN BY:	PS
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SCALE:	1"=50'
DATE:	Feb. 06, 2003
W.O. No.:	3198
SHEET No.:	1 OF 1

**LOT RESITE
LOT 18
MAPLE RIDGE**

TAX MAP 8 GRID 12 & 20
4TH ELECTION DISTRICT

PARCEL 51 & 378
HOWARD COUNTY, MARYLAND

PS 2/7/03