

LAYOUT 4/25/02 10:30 INSP 4 7/19/02 1:00 Cancelled
 INSP 2 8/22/02 INSP 5 7/30/02 2pm Pump Test
 INSP 3 5/1/02 AM INSP 6 7/31/02 septic Pump Test 10-11

ISSUE DATE: 4/24/02

P 516950

APPROVAL DATE: 7/31/02

A 511999

**PERMIT
INDEXED**

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

RPS#
338029

Van Sant Plumbing & Heating IS PERMITTED TO INSTALL ALTER

ADDRESS: 3 North Main St. Mt. Airy MD 21771 PHONE NUMBER: 301-829-0444

SUBDIVISION: GAITHER HUNT II LOT NUMBER: 79

ADDRESS: 11005 HUNTERSVIEW 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: 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 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place distribution box as shown on approved site plan. Run trenches on contour. Layout inspection to determine best trench orientation.
NOTES:	

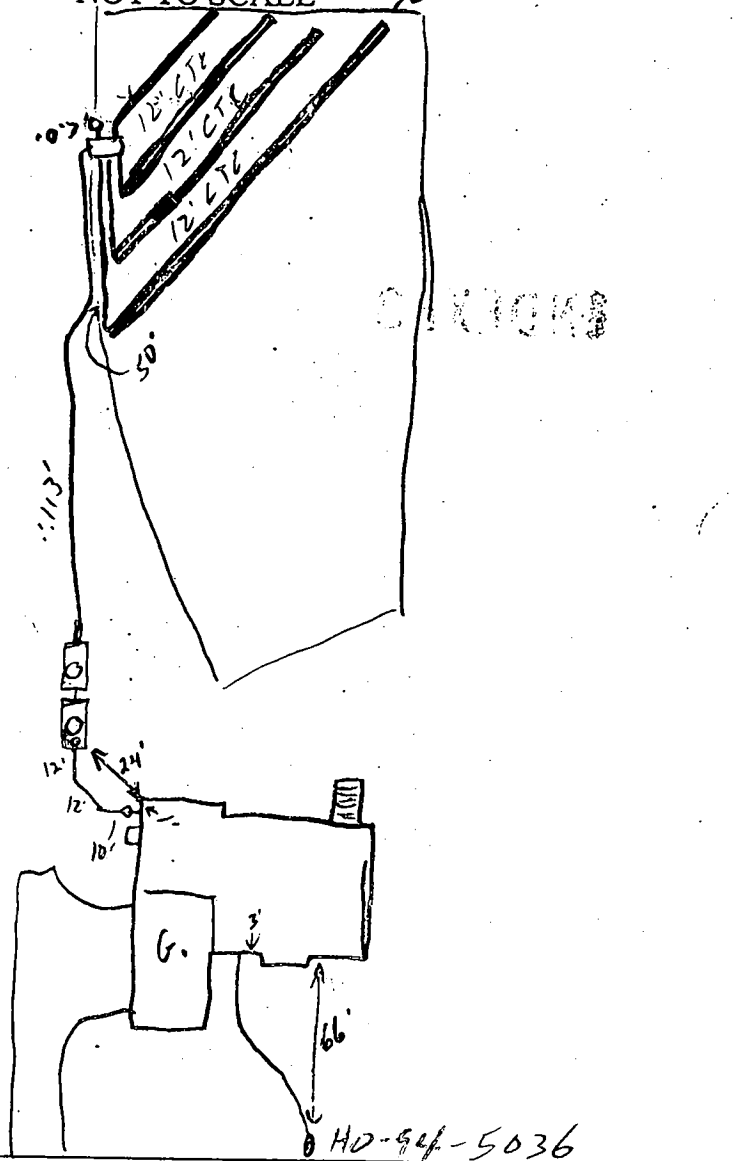
PLANS APPROVED: Steven R. Krieg OK 3/26/02 (S) DATE: 3/13/2002

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
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A511999

NOT TO SCALE 50' 60' 80' 90'



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3.5	5.5
NUMBER OF TRENCHES		4
TOTAL LENGTH		280'
ABSORPTION AREA		840 sq
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	YES
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL	YES
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'
BAFFLES	YES
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>

Hunters View Rd ROAD

PRE-CONSTRUCTION 4/25/02 Install 4 trenches 50'/60'/80'/90' on contour.
 Contra waiting to set tanks today (50)

INSTALLATION 4/26/02 - 1st trench installed, tanks set 5/1/02 DK to cover all work. Pump & Alarm tests needed (50)

7/30/02 Alarm OK & Pump - No go (50)

7/31/02 Pump test OK (50)

R/O system installed (50)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 7/31/02

GENERAL NOTES:

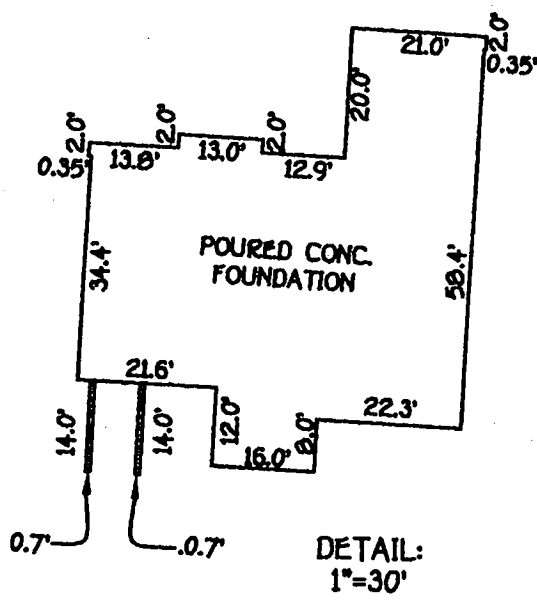
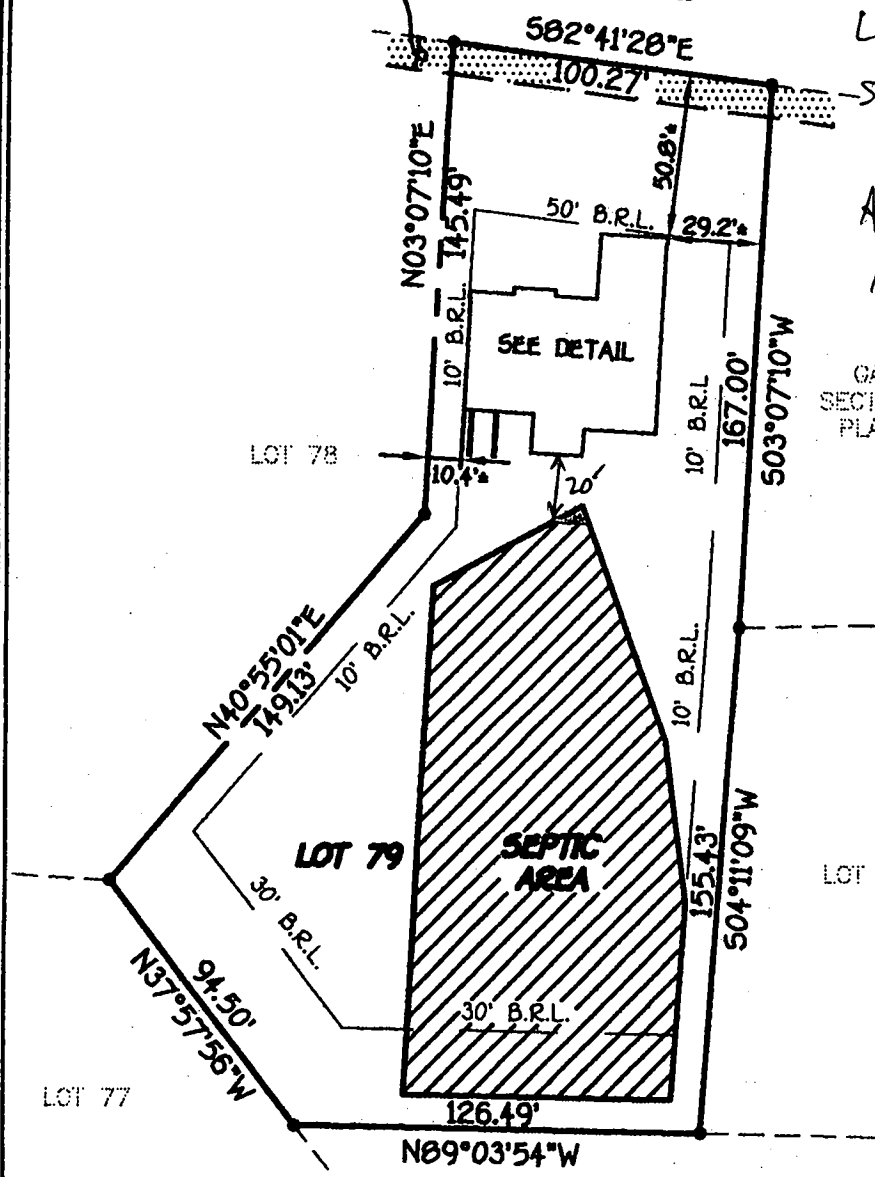
- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE COMTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440027 BEFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 0.3' (+)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.

WALL CHECK OK
 ALTHO HOUSE
 LARGER THAN BP PLAN,
 -SMALL CORNER OF
 SDA LOST
 AND HOUSE DROPPED
 1.6' (PUMPED SEPTIC
 SYSTEM)
 LOT 71
 GAITHER HUNT
 SECTION 1, AREA 1
 PLAT No. 13210
 MR 4/24/02

EXISTING PUBLIC 10'
 WIDE TREE
 MAINTENANCE EASEMENT
 PLAT No.13210

HUNTERS VIEW ROAD

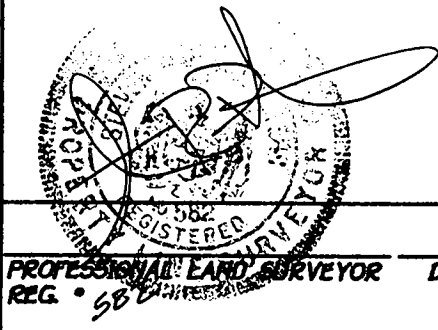
EXISTING
 50' R/W
 PLAT No.13210



LOT 79
 GAITHER HUNT
 SECTION 1, AREA 1
 LOTS 75-79
 (A RESUBDIVISION OF NON-BUILDABLE BULK
 PARCEL "F", GAITHER HUNT, SECTION 1, AREA 1,
 PLAT No.13210)
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 PLAT No.15051

B.R.L. - BUILDING RESTRICTION LINE
 TOP OF FOUNDATION ELEV. 472.7'

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461 - 2955



**HOUSE LOCATION
 DRAWING**

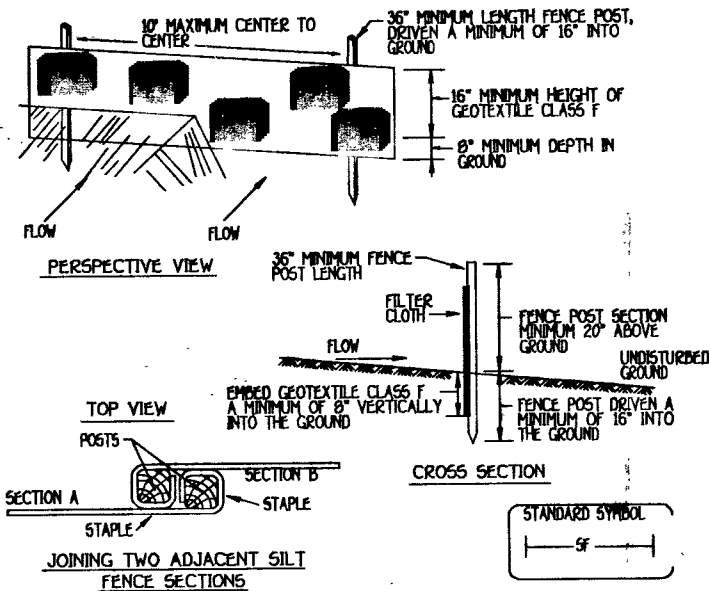
FOUNDATION LOCATION: 4/09/02
 FINAL LOCATION: _____
 BOUNDARY SURVEY: _____

SCALE: 1"=60'
 DATE: 4/08/02
 DRAWN BY: DB
 CHECKED BY: M.L.P.
 PROJECT No.: 61134

FCC •

Full amounts of lime
 to be applied as specified below:
 sites having disturbed
 and for sites having disturbed
 erms:
 m, a person or persons that are
 the Maryland Department of the

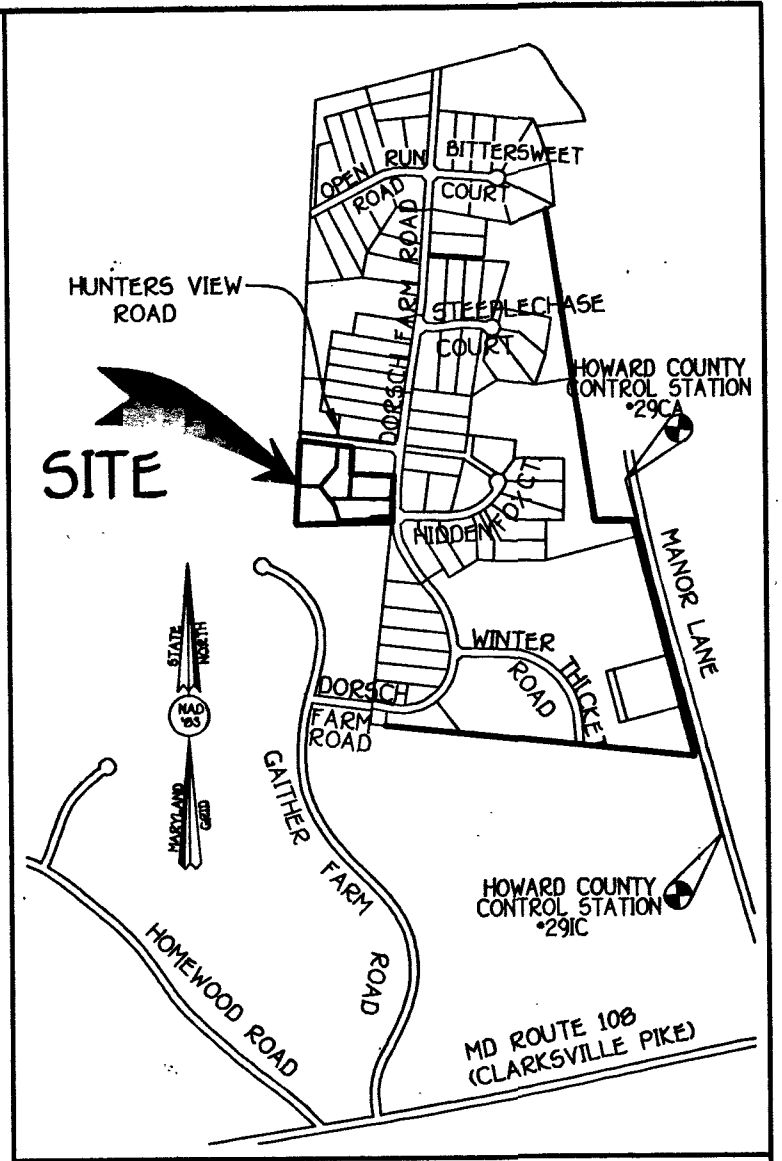
ogen 1.5 percent Phosphorus, and 0.2
 post does not meet these requirements.
 requirements prior to use.
 1,000 Sq. Ft.
 er applied at the rate of 4 lb./1,000



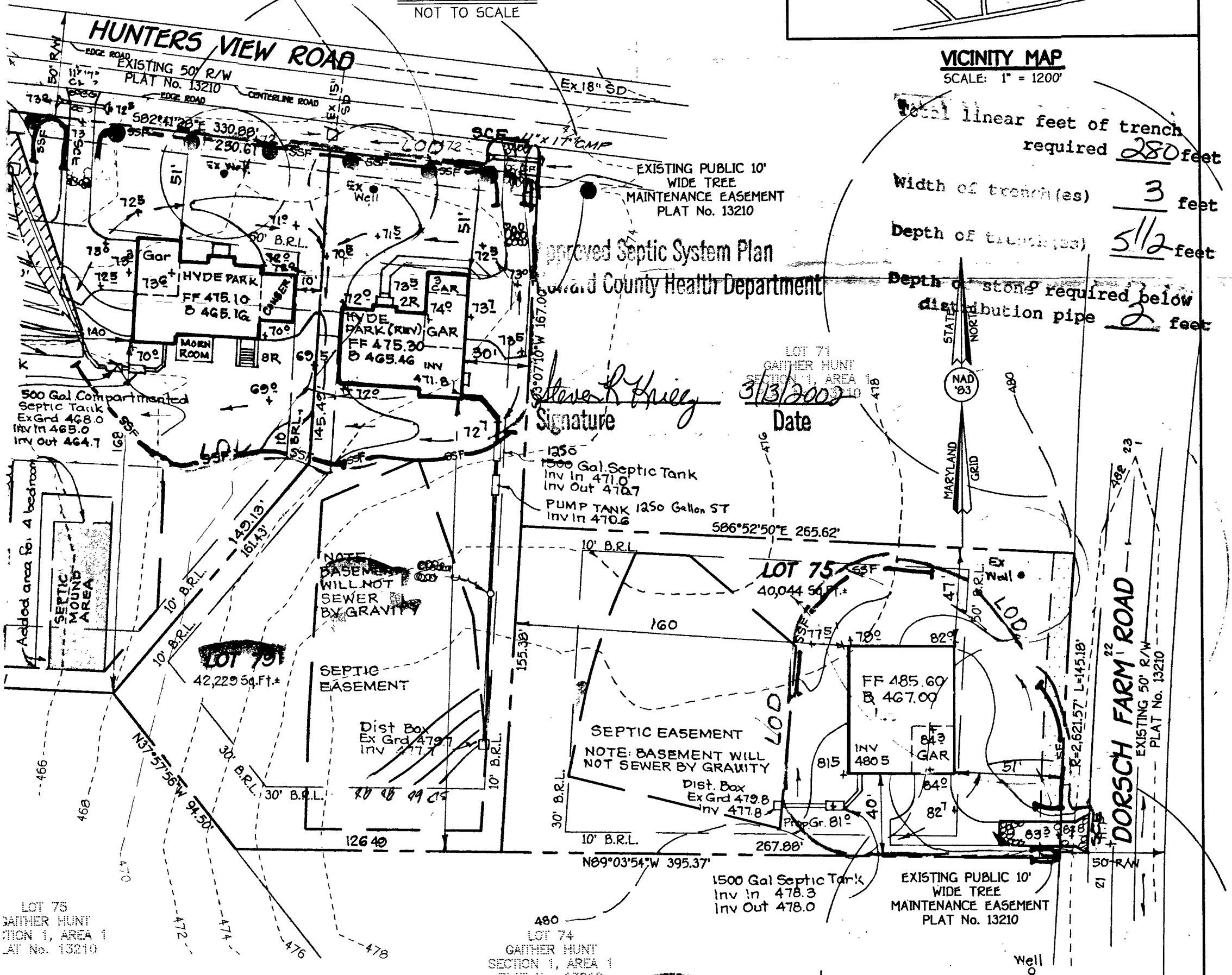
- Construction Specifications**
- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
 - Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min)	Test: MSMT 509
Flow Rate	0.3 gal ft ² / minute (max)	Test: MSMT 322
Filtering Efficiency	75% (min)	Test: MSMT 322
 - Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
 - Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

SILT FENCE
 NOT TO SCALE



VICINITY MAP
 SCALE: 1" = 1200'



Total linear feet of trench required 280 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 5 1/2 feet
 Depth of stone required below distribution pipe 2 feet

1-29-02 **OWNER**
 N.V. HOMES
 2200 DEFENSE HIGHWAY
 SUITE 301
 CROFTON, MARYLAND 21114

DEVELOPER
 RUSSELL DEVELOPMENT, L.L.C.
 c/o J THOMAS SCRIVENER
 8808 CENTRE PARK DRIVE, SUITE 209
 COLUMBIA, MARYLAND 21045



LOTS 75, 78 & 79
 Gaither Hunt
 Section 1, Area 2
 Third Election District
 Howard County, Maryland
 Scale 1"=50'
 Date: MAY 3, 2001

Attn: Steve

**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: Van Sant Pkgs. & Hg Telephone #: 301-829-0444
Address: 3 W Main St.
Mt. Airy, MD 21071

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Donald Van Sant License# 14407

*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: W. Homes Telephone #: 301-858-0522
Subdivision: Carther Hunt Lot #: 79 Well Tag #: HO-94-3036
Site Address: 11005 Hunter View Rd
Ellicott City, MD 21043

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>JCSA7422</u>	Make: <u>Campbell</u>	Two piece watertight cap: <input type="checkbox"/>
Model #: <u>Goulds</u>	Model #: <u>B10K</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: _____ GPM	Depth: <u>42</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: _____ GPM	NSF approved: <u>Yes</u>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>148</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

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 NO

Piping to house	House Connection
Type: <u>Polyethylene</u>	PVC sleeved to undisturbed soil at wall penetration: <u>IS</u>
PSI: <u>200</u> (160 psi min)	Approximate length of sleeve: <u>15</u>
Depth of supply line: <u>2</u> (36" min)	Sleeve caulked and sealed properly: <u>Yes</u>

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.

Signature of company representative responsible for installation: Donald Van Sant date: 7.31.02

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

Date Insp. Requested: 4/26/02 Date Insp. Approved: 4/26/02 (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 UNDER FOOTER
Adequate grout observed below pitless adapter

C1 15908 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 13 OK SRK NUMBER 8/16/01

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED 07 14 01

Depth of Well 140 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0 94-3036

OWNER MID ATLANTIC DEV CORP STREET OR RFD Hunters View Rd TOWN CLARKSVILLE SUBDIVISION Sather Hill II SECTION LOT 79

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, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sandy, Sandstone, Micica, Sandstone, Micica.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 22 NO. OF POUNDS 2200 GALLONS OF WATER 132 DEPTH OF GROUT SEAL 30'

CASING RECORD

MAIN CASING TYPE (P) (L) Nominal diameter top (main) casing 6 Total depth of main casing 48

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

SCREEN RECORD

screen type or open hole (H) (O) (S) (T) (B) (R) (P) (L) (O) (T)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

- 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. MS D 117 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. D

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

C2 DEPTH (nearest ft.)

Table with columns: T, A, C, H, S, R, E, E, N. Rows include depth measurements for various casing sections.

DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

C3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 10 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 19 ft. WHEN PUMPING 28 ft. TYPE OF PUMP USED (for test) (S) submersible

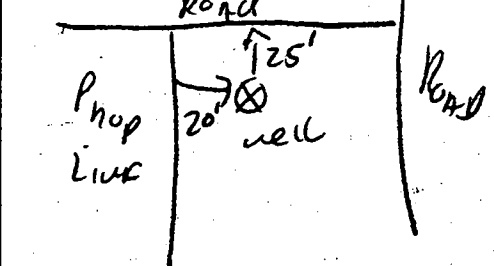
PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES) (NO)

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 (2) (nearest foot) (-) below

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)



Date July 14 2001 WELL YIELD TEST DATA SHEET ^{Howard} ~~Frank~~ County Reviewed By OW SRK 8/10/01

Maryland Well Permit No. HO-94-3036 Owner or Applicant MID ATLANTIC DEVELOPMENT

Location of Property (Road) Hunters View Rd

Subdivision GARDNER HUNT Lot 77 Block — Plat — Sec. —

Depth of Well 140 Height of Measuring Point Above Ground 2 ft.

Static Water Level Below Measuring Point 19 ft.

Test Started at 1:30 Pumping 10 GPM Total Time 15 min
 The first entry in the table must be when you begin the drawdown. Enter all appropriate information. Indicate when the drawdown phase ends and the recovery test begins.

TIME (CHRONOLOGICAL)	WATER LEVEL Below M.P.	PUMPING RATE Time to Fill <u>I</u> Gal. Bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1:30	19 ft.	6 sec		10 GPM
1:45	28 ft.	6 sec		10 GPM
2:00	28 ft.	6 sec		10 GPM
2:15	28 ft.	6 sec		10 GPM
2:30	28 "	6 "		10 "
2:45	28 "	6 "		10 "
3:00	28 "	6 "		10 "
3:15	28 ft.	6 sec		10 GPM
3:30	28 ft.	6 sec		10 GPM
3:45	28 ft.	6 sec		10 GPM
4:00	28 "	6 "		10 "
4:15	28 "	6 "		10 "
4:30	28 ft.	6 sec		10 GPM
4:45	28 ft.	6 sec		10 GPM

I hereby certify that the yield test was conducted as described in State Health Department Regulations COMAR 26.04.04.07.

 Signature of Well Driller

B 1 0933

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HD-94-3036

W514967 please print or type

fill in this form completely

Date Received (APA) 3/9/01

OWNER INFORMATION

min ATLANTIC Development
8508 Centre Park DR
Columbia MD 21045

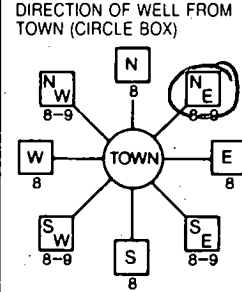
LOCATION OF WELL

Howard
641 Ther Hunt
Hunters View Rd
CLARKS VILLE

DRILLER INFORMATION

Ralph E. MAYNE M SD 117
Ralph E. Mayne well drilling
17024 Handy Rd. Mt Airy MD.
Ralph E. Mayne 2-28-01

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Hunters View Rd
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

25
DISTANCE FROM ROAD
ENTER FT OR MI

WELL INFORMATION

APPROX. PUMPING RATE 5
AVERAGE DAILY QUANTITY NEEDED 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO 13
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 3/9/01
CO SIGNATURE
NORTH GRID 510 000 EAST GRID 830 000

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 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT

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)

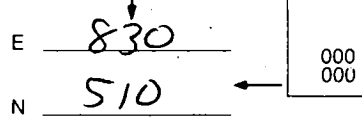
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER HD-97-G-026
PERMIT No HD-94-3036

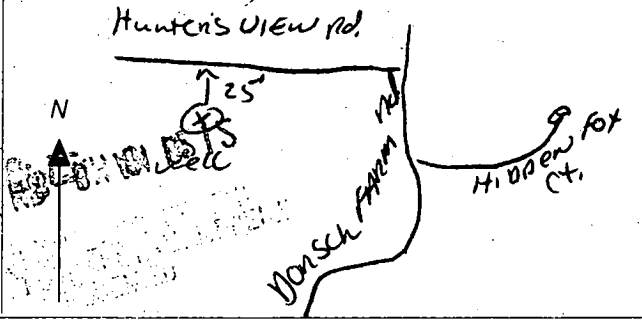
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



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



SPECIAL CONDITIONS

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

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 RUSSELL DEVELOPMENT, LLC
C/O J THOMAS SCRIVENER

ADDRESS 8808 CENTRE PARK DR # 209 PHONE (410) 964-5522
COLUMBIA, MD 21045

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION LEATHER HUNT SEC 2 LOT NO. 74

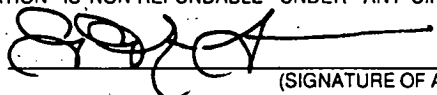
ROAD AND DESCRIPTION DORSCH FARM RD & HUNTERS VIEW RD

PARCEL "F" LOCATED IN SE PORTION OF ABOVE INTERSECTION

TAX MAP 29 PARCEL # "F"

SIZE OF LOT 50,934 SF TYPE BLDG. _____
(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.



(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

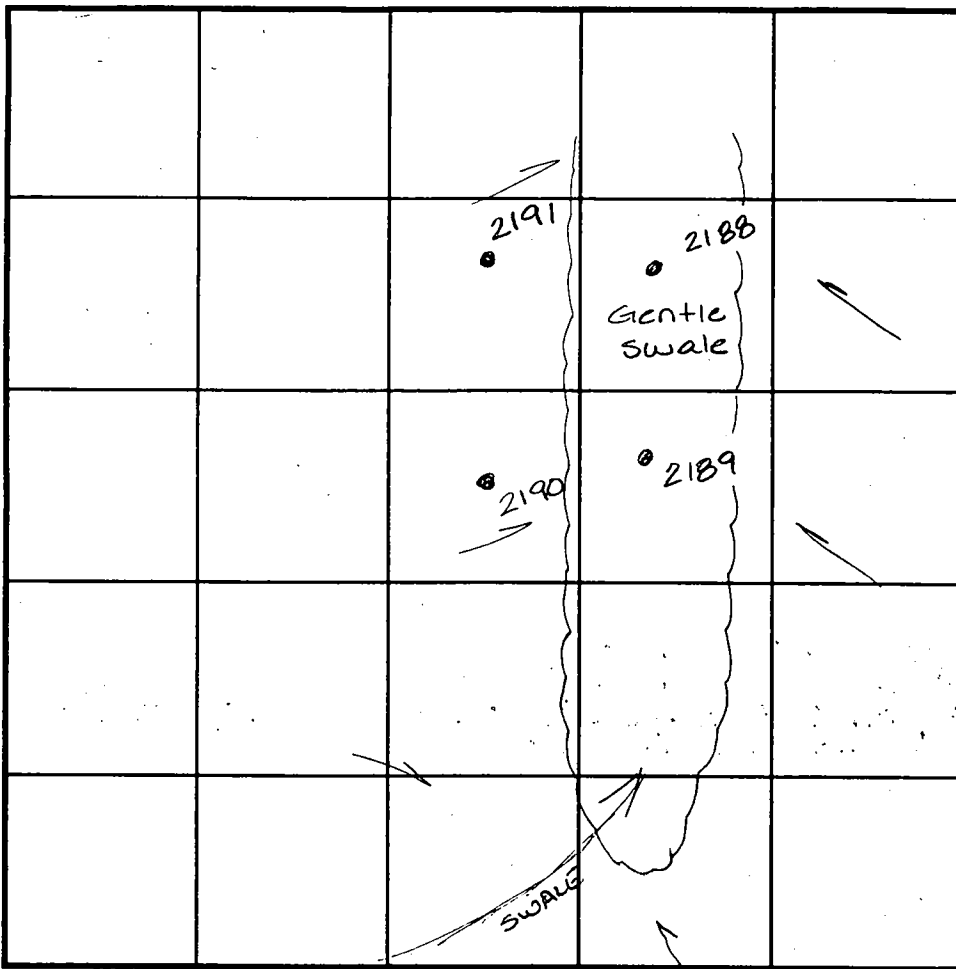
0' 2188
 mottled orange & grey cilm very hard

6.0 dark red & black salm grey mottles

water @ 12.0'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2190

6.0 dark red cilm

dark red salm w pockets grey cilm very damp Mg deposits lgt or & grey mottles

3.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-23-99	2188	See profile	insufficient	depth to			F
	2189	Dug to 5.0 - many grey mottles beginning @ 2.0' - Insufficient depth to H ₂ O					F
	2191	Refusal @ 5.0 to bedrock	Insufficient	depth			F
	2190	See profile - insufficient depth to H ₂ O					F

REMARKS 2188 & 2189 in G. of swale

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 511999

P _____

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

DISTRICT _____

DATE 7/9/99

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 RUSSELL DEVELOPMENT, LLC c/o J. THOMAS SCRIVENER

ADDRESS 8808 CENTRE PARK DR #209 PHONE (410) 904-5522
COLUMBIA, MD 21045

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WETHER HUNT SEC 2 LOT NO. 76

ROAD AND DESCRIPTION DORSCH FARM RD & HUNTERS VIEW RD

PARCEL "F" LOCATED IN SE PORTION OF ABOVE INTERSECTION

TAX MAP 29 PARCEL # "F"

SIZE OF LOT 54,263 SF TYPE BLDG. _____
(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. [Signature]
(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
2194

0' heavy or brn silty
4.0 40% feldspar
5.0 orange brown silty
8.0 to 9.0' or brn silty
9.0' some mottling
100% feldspar
12.0 clump

2195
or brn silty

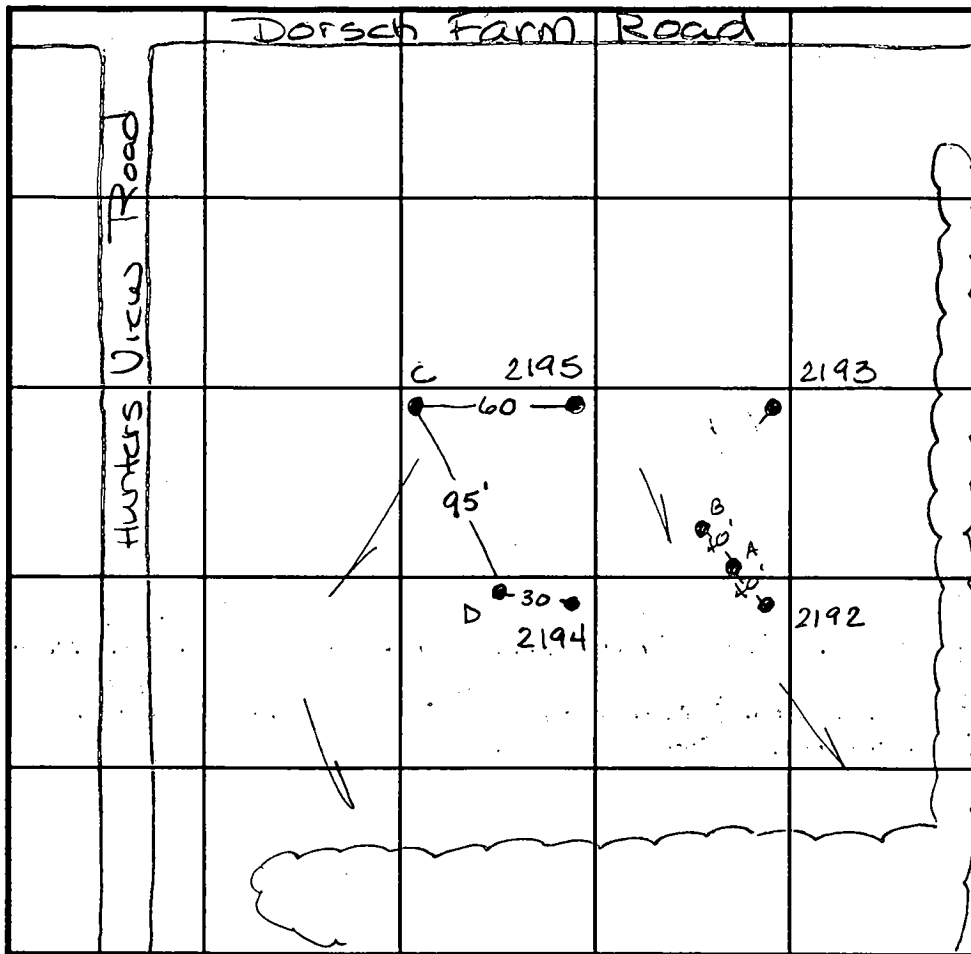
5.0 lgt orange brown silty



2192
heavy or brn silty

4.0 lgt tan or silty

6.5 70% feldspar
8.0 refusal



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
A

0' orange brown silty
5.0 orange brown silty
8.5 100% rock
9.5 refusal

C, D
orange silty

4.0 lgt tan orange brown silty
13.0 20% R_v

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-23-99	2194	Visual	to 12.0	- see profile	HOLD FOR WET SEAS	HOLD FOR WET	
	2193	5.0 / 12.0	12:31	12:34	12:34	12:40	6 min
	2195	4.0' / 12.0	11:18	No mvmt	11:35	-	slow
		5.0 / 12.0	11:37	11:39	11:39	11:44	5 min
	A	3.5' / 9.5	11:55	11:57	11:57	no perc @ 12:30	slow
		see profile = bedrock & deep clay		insufficient depth			F
	2192	see profile		insufficient depth to bedrock			F
	B	Visual	to 12.0	- see profile			OK
4-7-00	C	Visual	to 13.0	- see profile			OK
	D	Visual	to 12.0	- see profile			OK

REMARKS Hold 2194 for wet season 2 set of penetrators by 3 diff. locations

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME ave 8 mpi TRENCH WIDTH 3

INLET DEPTH 3 1/2 MAXIMUM BOTTOM DEPTH 5 1/2 SQ. FT./BEDROOM 210

APR 3/8/02

APPLICATION

PERCOLATION TESTING

A 57624

P _____

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

DISTRICT _____

DATE 2/30/96

1/3/97

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 J THOMAS SCRIVENER

ADDRESS CB LAND DESIGN & DEVELOPMENT PHONE 410 740 5176

AGENT OR PROSPECTIVE BUYER DONALD R. REUWER JR

ADDRESS 10805 HICKORY RIDGE RD PHONE _____

21044

PROPERTY LOCATION:

SUBDIVISION FOXFIELD LOT NO. 73

ROAD AND DESCRIPTION _____

TAX MAP 29 PARCEL # 21

SIZE OF LOT 1+ACRES TYPE BLDG. _____
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

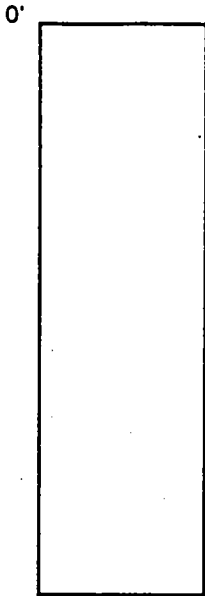
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT

A.57624
COUNTY #

SOIL PROFILE

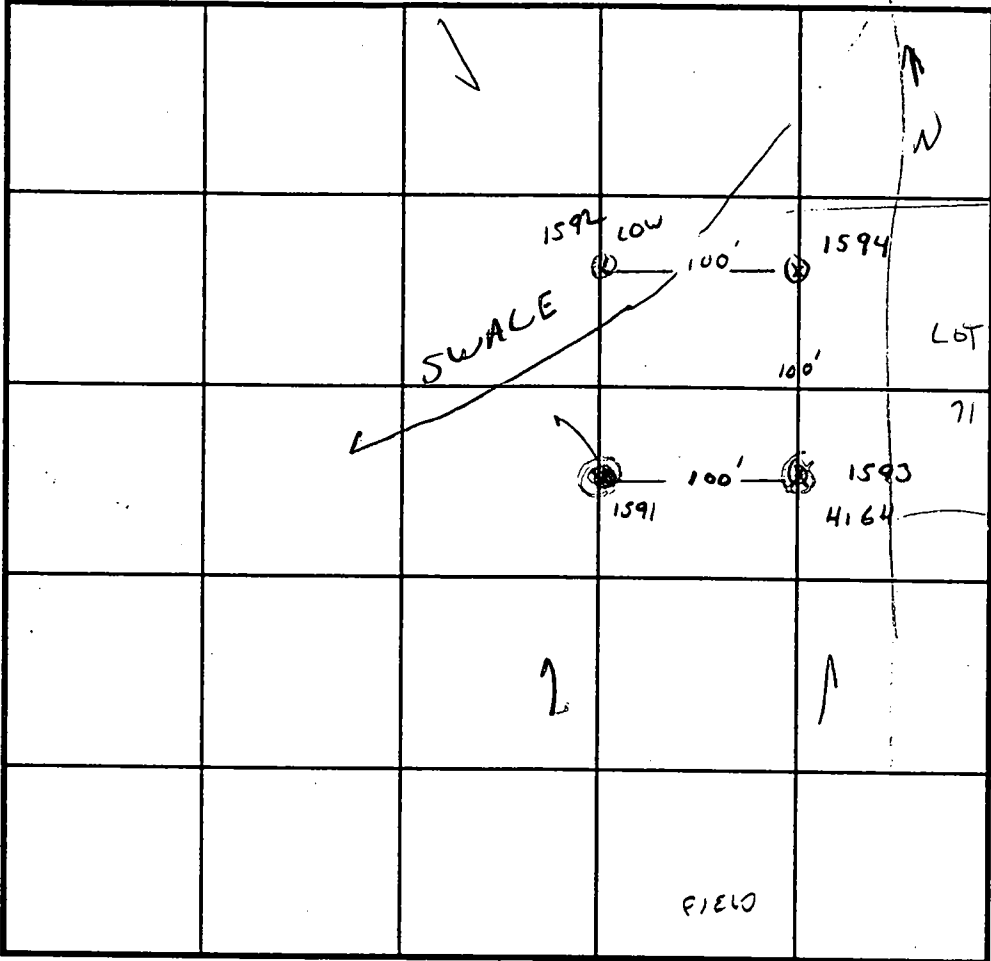


1591

TOPSOIL
BROWN SANDY CLAY LOAM
BROWN SANDY LOAM 10% ROCK
HARD

1594

TOPSOIL
BROWN LOAM CLAY
BURNT ORANGE SANDY LOAM
TAN SANDY LOAM ORANGE MOTTLED



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 1593

TOPSOIL ORANGE CLAY LOAM
BROWN COARSE MICA LOAM STICKY

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/24/97	1593	4' / 10V	TOO EARLY	TO TIME	- 3 HOLES TRIED		FAIL
	X	5'	2:14	2:20	1" 30 MIN		
	1591	4' / 9V	1:43	1:46	1:46	1:48	2 AM
	1594	4.5' / 10V	1:54	1:58	2:09	2:09	11 AM
	1592	4.5' / 9.5V	2:24	2:25	2:25	2:27	2 AM

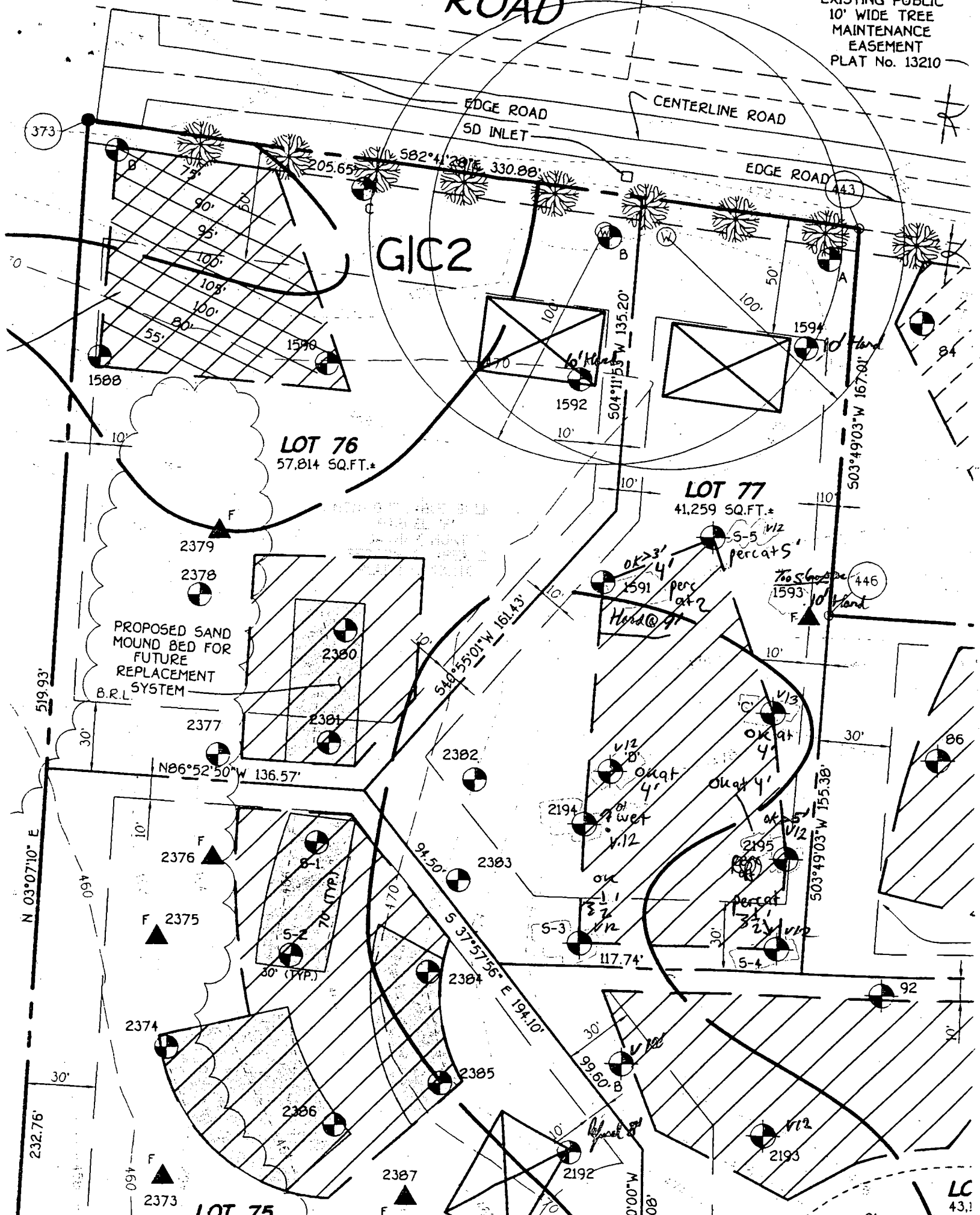
REMARKS LOT 73 DESIGN LIMITATIONS 1591 NOT UTILIZED
 TYPE OF SOIL _____
 TESTED BY G. SAVAGE ALSO PRESENT JARED SPAIN
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

ENTERS

VIEW

ROAD

EXISTING PUBLIC
10' WIDE TREE
MAINTENANCE
EASEMENT
PLAT No. 13210



GIC2

LOT 76
57,814 SQ.FT.*

LOT 77
41,259 SQ.FT.*

PROPOSED SAND
MOUND BED FOR
FUTURE
REPLACEMENT
SYSTEM
B.R.L.

LC
43.1

APPLICATION

PERCOLATION TESTING

A 511999

P _____

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

DISTRICT _____

DATE 7/9/99

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 RUSSELL DEVELOPMENT, LLC c/o J. THOMAS SCRIVENER

ADDRESS 8808 CENTRE PARK DR #209 PHONE (410) 964-5522
COLUMBIA, MD 21045

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION LEATHER HUNT SEC 2 LOT NO. 76

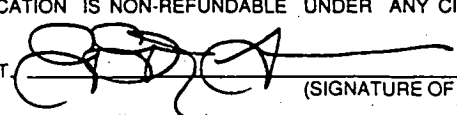
ROAD AND DESCRIPTION DORSCH FARM RD & HUNTERS VIEW RD

PARCEL "F" LOCATED IN SE PORTION OF ABOVE INTERSECTION

TAX MAP 29 PARCEL # "F"

SIZE OF LOT 54,263 SF TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(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 _____

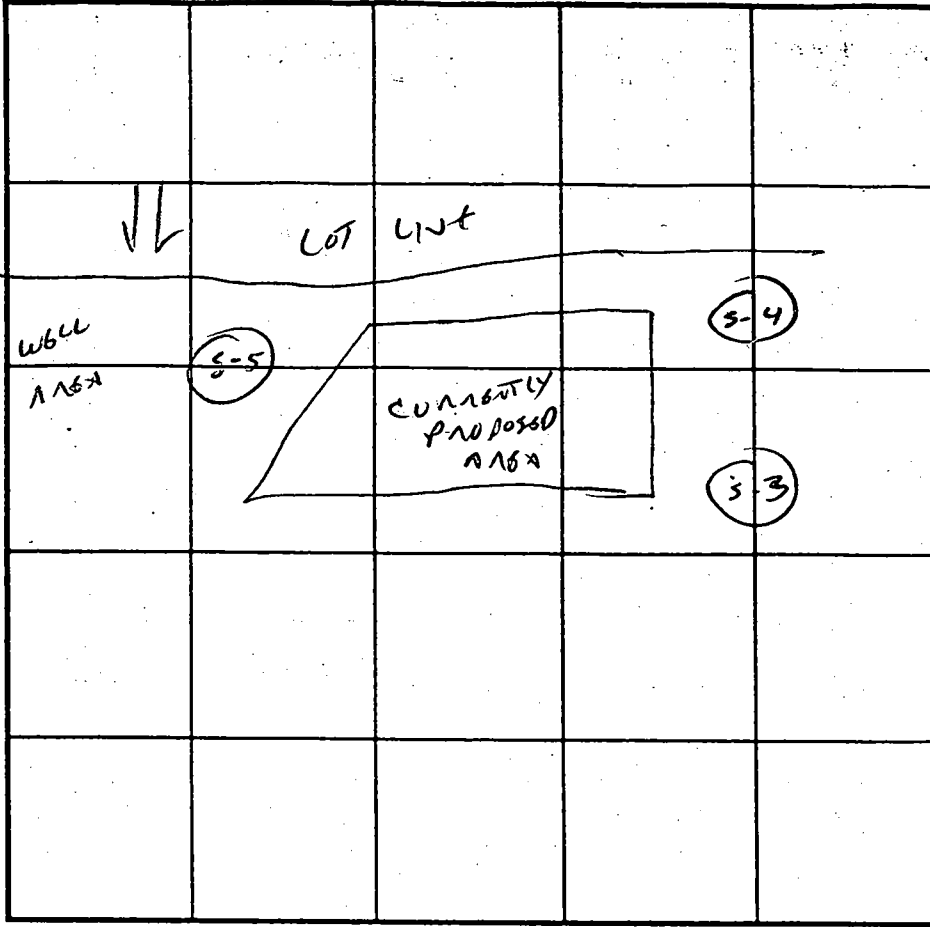
THIS IS NOT A PERMIT

COUNTY #

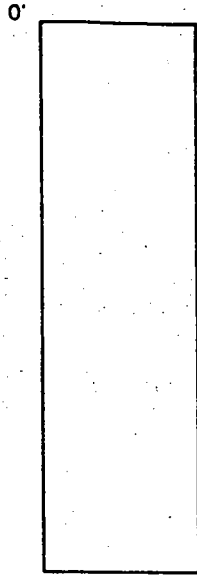
SOIL PROFILE

5-3

0'
 CLAY
 3 1/2'
 SANDY SILT LOAM
 w/30% Rock
 7'
 SILT LOAM
 <10% Rock
 12'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

5-4

CLAY
 3 1/2'
 SANDY CLAY
 5'
 SILTY LOAM
 <10% SAPPHIRE
 12'

5-5

CLAY
 2'
 SILT SANDY LOAM
 6'
 SAND LOAM
 8% Rock
 12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/9/00	5-3	3 1/2	11:55	11:57	11:57	11:59	2 MIN ✓
		12	VIS OK	3 1/2 - 12'			
	5-4	3 1/2	11:57	12:10	12:10	12:26	14 MIN ✓
		OK 3 1/2 - 12'		VIS. FAST @ 5'		ESTIMATE 5-7	MIN ✓
	5-5	3 1/2	12:01	SLOW			
		OK 3 1/2 - 12		VIS. FAST @ 5'		ESTIMATE 5-10	MIN ✓

REMARKS _____
 TYPE OF SOIL SAND SILT LOAM
 TESTED BY C. Will ALSO PRESENT GRAU, JOHNSON
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 MIN TRENCH WIDTH 3
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ FT/BEDROOM 2-10

TEST DATA

NAME GAIFFER HUNT 74 FILE NO _____

LOCATION _____ COUNTY _____

DATE _____

GRID _____ E _____ N _____

RECORDED BY C. Willard BILL GRAY / MIKE JOHNSON

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
PRESOAK PROFILE OK SEE OTHER SIDE	S-1 (a) (55 MIN PRESOAK)	24"	12:20	—	34 $\frac{L}{8}$	LEAKED - PATCHED & RE FILLED
			12:40	20 MIN	33 $\frac{7}{8}$	$\frac{1}{4}$ " IN 20 MIN
			1:00	20 MIN	33 $\frac{5}{8}$	$\frac{1}{4}$ " IN 20 MIN
			1:20	20 MIN	33 $\frac{4}{8}$	NO MOVEMENT
			1:40	20 MIN	DISCONTINUED	60 —
			2:00	20 MIN		
PROFILE OK SEE OTHER SIDE	S-2 (55 MIN PRESOAK)	20"	12:20	—	32 $\frac{7}{8}$	3" N 20 MIN
			12:40	20 MIN	32 $\frac{L}{8}$	$\frac{3}{4}$ " IN 20 MIN
			1:00	20 MIN	31 $\frac{5}{8}$	$\frac{1}{2}$ " IN 20 MIN
			1:20	20 MIN	31 $\frac{1}{4}$	$\frac{1}{2}$ " IN 20 MIN
			1:40	20 MIN	30 $\frac{1}{2}$	$\frac{3}{4}$ " IN 20 MIN
			2:00	20 MIN	30	$\frac{1}{2}$ " IN 20 MIN
S-1 (b) (30 MIN PRESOAK)	24"	1:20	—	6 $\frac{L}{2}$	S-1 b FRESH HOLE 10' FROM S-1 a	
		1:40	20 MIN	5	$\frac{1}{2}$ " IN 20 MIN	
		2:00	20 MIN	3 $\frac{1}{2}$	$\frac{1}{2}$ " IN 20 MIN	
		2:20	20 MIN			

40 MIN/INCH

14 MIN/INCH

11/9/00

GAITHER HUNT LOT 74 CONTINUED

Cy Wilson

BILL GRAY
MIKE JOHNSON

MARYLAND DEPT. OF THE ENVIRONMENT ONSITE SEWAGE DISPOSAL SYSTEM SITE EVALUATION REPORT SOIL PROFILE DESCRIPTION					FILE NO. MD. GRID: TAX MAP/B/P: SUBDIVISION: DATE: BY:			
LOT	SECTION		MOTTLES DESCRIPTION		STRUCTURE	CONSISTENCE	%ROCK BY VOL.	REMARKS (Caving, moisture, etc.)
DEPTH	TEXTURE	MATRIX COLOR						
HOLE								
S-1	9"	TOPSOIL						
	18"					CRUSTY GRANULAR	10% SMALL IE 3-5MM	CRUSTY STRUCTURES GRANULAR SANDY SILT
	32"					CLAYEY & GRANULAR		
	48"							INCREASING SAND & ROCK
S-2	12"	TOPSOIL						
	18"					CRUSTY GRANULAR		IN BOTH S1+S2 - DIFFERENCE IN TEXTURE FROM NEXT LAYER BELOW IS PRIMARILY DUE TO DRYING (NO RAIN IN PAST 6 WEEKS)
	32"					CLAYEY & GRANULAR		
	48"							
			BOTH HOLES		NEARLY IDENTICAL			
Slope%-		EL.(I)-		Chroma 2-		Least Permeable Layers-		
Landscape Position-		Water BLS-		Limiting Zones-				
Additional Remarks-								

DRY
SLIGHTLY
MOIST

D3

DRY
SLIGHTLY
MOIST