

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 1/13/05

P 521650-A

APPROVAL DATE: 3/28/05

A 513237-J

**PERMIT  
INDEXED**  
TAX ID #05-439167

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

Van San Plumbing & Heating IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 2701 Back Acre Circle, Mt Airy 21771 PHONE NUMBER: 301-829-0444

SUBDIVISION: Hall Shop Manor LOT NUMBER: 7

ADDRESS: 6911 Westcott Place PROPERTY OWNER: NVR, Inc.

SEPTIC TANK CAPACITY (GALLONS): 1500 ~~1250~~ OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4 *NEED To pump to s. box  
for efficient use of limited  
SDA.*

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 174 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution at the highest elevation in the approved SDA.
NOTES:	No basement gravity service is proposed. If initial systems fails, retest or stay away from hole #3017

PLANS APPROVED: Peter Yencsik Reviewed by: KN DATE: 11/18/04

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

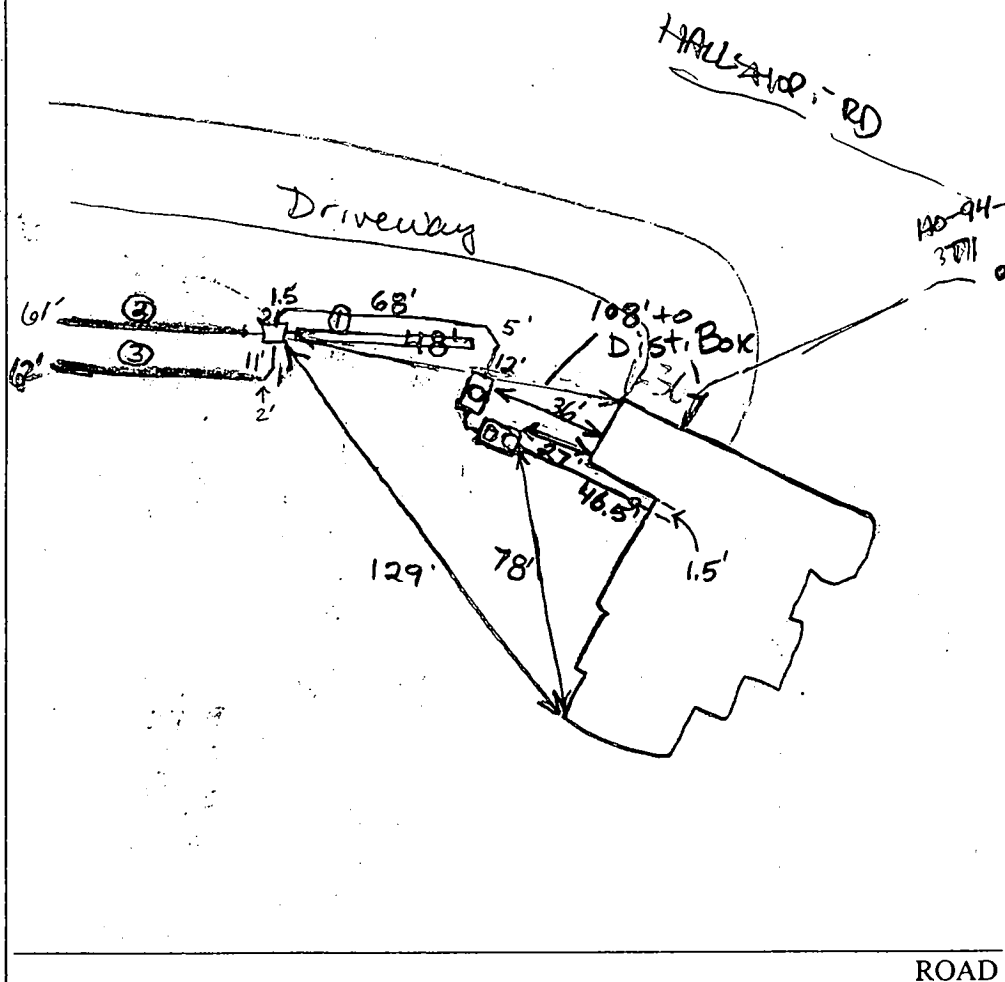
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

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

*7-605 B00154811-IG POOL*

AS13237-J

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3"	4'	8'
NUMBER OF TRENCHES 3		
TOTAL LENGTH 171'		
ABSORPTION AREA 513 + Sidewall		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL YES	
CAPACITY	1500 GAL
SEAM LOC	top
TANK LID DEPTH	6-12"
BAFFLES	Yes
BAFFLE FILTER	Yes
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL YES	
CAPACITY	1250 GAL
SEAM LOC	top
TANK LID DEPTH	2' 5" / 18" N
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	None
WATERTIGHT TEST	No

PRE-CONSTRUCTION 1/31/05 Area staked. 1500 compartment tank & pump tank at least 1250. OK to place S. Tanks as shown on plan although

INSTALLATION perc cert shows radius of well box up against SDA; well yield very satisfactory (15 gpm @ 250'). Far Future - well site 10' below existing well. (If septic tanks set down hill near other end of house, solids would have to travel through tight bends) OK to begin (KN)

2/2/05 Third trench to fit only 50'. OK - need to use area. Cover 1st two trenches (KN) 2/3/05 Trench 1 mostly clay through bottom. Trenches 2 and 3 looked better. O.K. to cover everything. Need house connection, pump and alarm test and front tank baffle (BB)

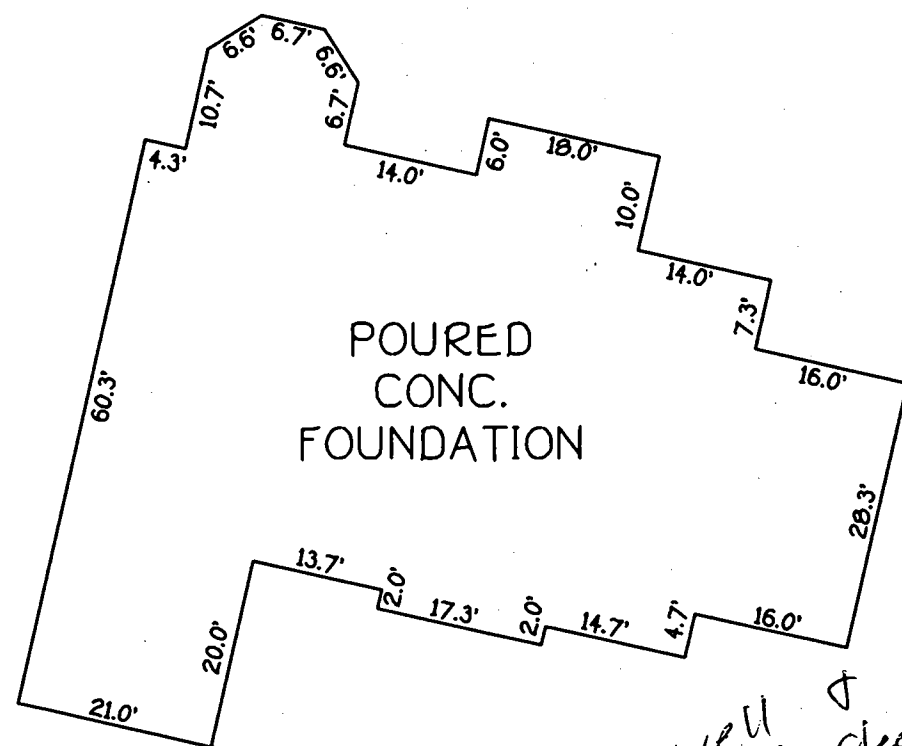
FINAL INSPECTOR B. Baber DATE OF APPROVAL 3/28/05

3/15/05 House connection made. (BB)

3/28/05 Pump and alarm working. (BB)

# **GENERAL NOTES:**

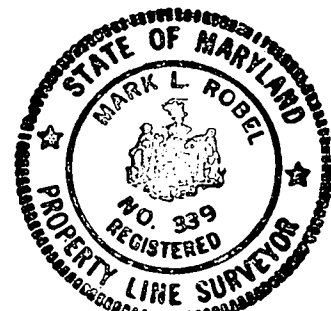
- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS 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. 2400440037B EFFECTIVE DEC. 4, 1996.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (±).
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-94-3771) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



POURED  
CONC.  
FOUNDATION

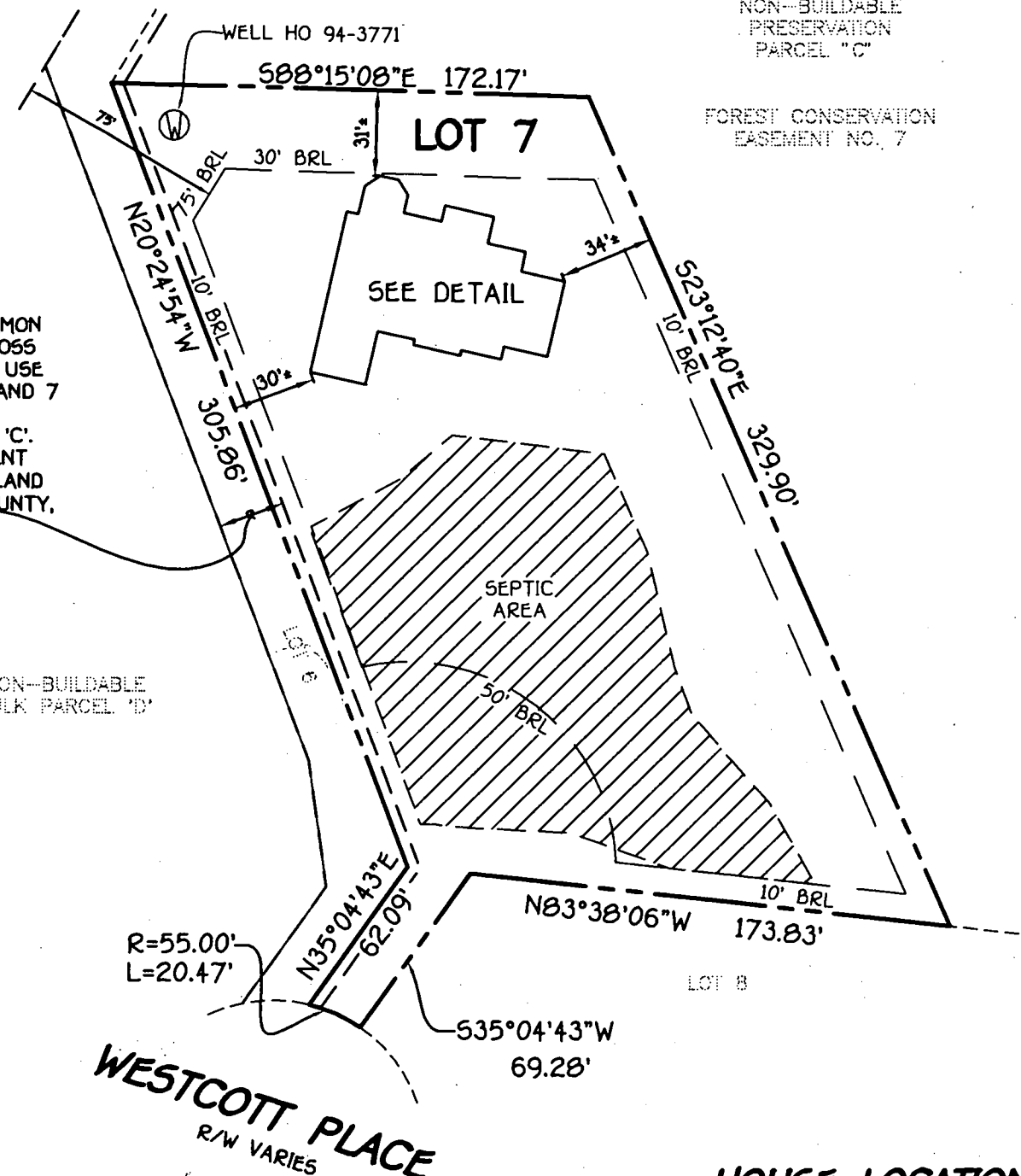
DETAIL:  
1"=20'

well &  
wall check  
O.K.



24' PRIVATE USE-IN-COMMON  
ACCESS EASEMENT ACROSS  
LOTS 6 AND 7 FOR THE USE  
AND BENEFIT OF LOTS 6 AND 7  
AND NON-BUILDABLE  
PRESERVATION PARCEL 'C'.  
MAINTENANCE AGREEMENT  
RECORDED AMONG THE LAND  
RECORDS OF HOWARD COUNTY,  
MARYLAND.

NON-BUILDABLE  
BULK PARCEL 'D'



NON-BUILDABLE  
PRESERVATION  
PARCEL "C"

FOREST CONSERVATION  
EASEMENT NO. 7

SEPTIC  
AREA

LOT 8

WESTCOTT PLACE  
R/W VARIES

LOT 7  
HALL SHOP MANOR  
LOTS 1 THRU 14  
BUILDABLE PRESERVATION PARCEL 'A',  
NON-BUILDABLE PRESERVATION PARCEL 'B',  
AND 'C' AND NON-BUILDABLE BULK  
PARCEL 'D'.  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT \*16676

\*6911 WESTCOTT PLACE  
B.R.L. = BUILDING RESTRICTION LINE  
TOP OF FOUNDATION ELEV. 491.6'

**HOUSE LOCATION  
DRAWING**

FOUNDATION LOCATION: 01/03/05  
FINAL LOCATION: \_\_\_\_\_  
BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=60'  
DATE: 01/05/05  
DRAWN BY: V.L.J.  
CHECKED BY: M.L.R.  
PROJECT No.: 40387

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY, MARYLAND 21042  
(410) 461 - 2855

*Mark L. Robel*  
PROFESSIONAL LAND SURVEYOR  
REG. # 339  
DATE 01/05/05

~~Howard County Health Department~~

*Pete Green*

**Signature**

SEPTIC EASEMENT  
NOTE: BASEMENT WILL NOT  
SEWER BY GRAVITY  
DIST. BOX LOC. TO BE  
DETERMINED BY  
HO. CO. HEALTH DEPT.

**LOT 7**  
53,901 SQ.FT.±

**NON-BUILDABLE  
PRESERVATION  
PARCEL 'C'**

AND  
FOREST CONSERVATION  
EASEMENT NO. 5  
231 AC.

**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 Water 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 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# 21022

\*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: MY HOMES

Telephone #: 410-379-5956

Subdivision: HALL STREET MANOR

Lot #: 7 Well Tag #: HO-94-3771

Site Address: 6911 WESTCOTT PLACE

CLARKVILLE, MD 21044

**Submersible Pump Data**

Make: STA-RITE

Model #: 7P4D02HL-04

Pump Capacity 7 GPM

Well Yield 15.79 GPM

Depth of well encountered at time of pump installation: 250 (feet)

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 ☒

**Pitless Adapter**

Make: Campbell

Model #: PT 800

Depth: 42" (36" min)

NSF approved: ☒

**Well Cap and Electric Conduit**

Two piece watertight cap: ☒

Screened, vented well cap: ☒

Cap secured to casing: ☒

Conduit min 18" B.G.: ☒

Conduit secured to well cap: ☒

**Pipeline to house**

Type: Poly

PSI: 200 (160 psi min)

Depth of supply line: 42 (36" min)

**House Connection**

PVC sleeved to undisturbed soil at wall penetration: ☒

Approximate length of sleeve: 5'

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.

Signature of company representative responsible for installation

date

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

Date Insp. Requested: \_\_\_\_\_

Date Insp. Approved: 1/27/05

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 ☒

PAY

22

C1 3994		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.	
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		DATE RECEIVED MM DD YY 09 03 2003		DATE WELL COMPLETED MM DD YY 09 03 2003		COUNTY NUMBER A513237F	
ST/CO USE ONLY DATE RECEIVED MM DD YY 08 13		DATE WELL COMPLETED MM DD YY 09 03 2003		Depth of Well 22 250 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" 12/5/03 40-94-3771	
OWNER LAND + DESIGN DEVELOPMENT		STREET OR RFD WESTCOTT PLACE		TOWN CLARKSVILLE		LOT 17	
SUBDIVISION HALL SHOP MANOR		SECTION		LOT			
WELL LOG Not required for driven wells		GRROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT <input checked="" type="checkbox"/> CM BENTONITE CLAY <input checked="" type="checkbox"/> BC NO. OF BAGS 13 NO. OF POUNDS 1370 GALLONS OF WATER 78 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 52 ft. (enter 0 if from surface)		C3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15.78 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 34 ft. WHEN PUMPING 52 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 9 OTHER CASING (if used) diameter inch depth (feet) from to		PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below (nearest foot) 50 51			
DESCRIPTION (Use additional sheets if needed)		FEET FROM TO Overburden 0 70 Gray Rock 70 250 water at 175'		SCREEN RECORD screen type or open hole insert appropriate code below ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER DEPTH (nearest ft.) 79 250 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to		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) Property Line 25' 15'	
NUMBER OF UNSUCCESSFUL WELLS: 0		WELL HYDROFRACTURED yes Y no N		C2 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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA			
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 MW D 1 2 0 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 JSD 049 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)			

## HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3771  
Location of property (road) WESCOTT PLACE  
Subdivision HAUL SHOP MANOR Lot 7 Block 1 Plat        Sec.         
Well Driller G. EDGAR HARR SONS, CORP Owner LAND DESIGN + DEVELOPMENT

Depth of well 250'  
Distance of measuring point (M.P.) above ground 1'  
Static water level (S.W.L.) below M.P. 34'

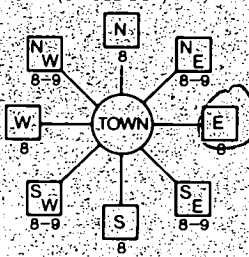
### I. High rate pumping -- reservoir drawdown

Time pump started 1015 Pumping rate 16.66  
Total time 30 min to reach pumping water level 51 ft. below M.P.

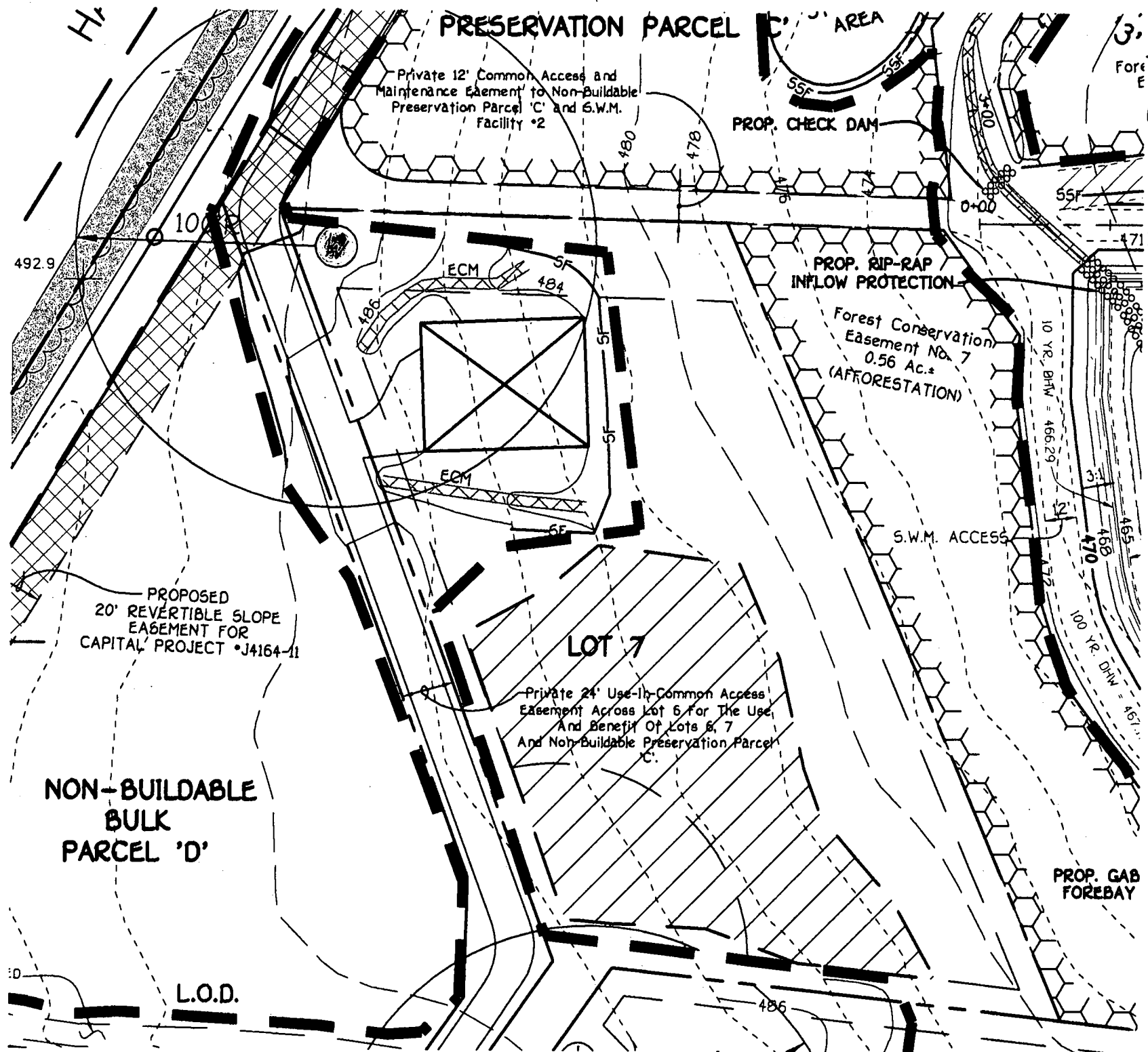
II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]



B 1 6754	SEQUENCE NO (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 519055	STATE PERMIT NUMBER HO-94-3771 fill in this form completely
Date Received (APA) 07-16-03 8 MM 00 13		B 3 LOCATION OF WELL Howard 8 COUNTY 21 Hall Shop Manor 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 Highland 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 73 76 77 78	
OWNER INFORMATION Land Design & Development 15 Last Name Owner First Name 34 8000 Main Street 36 Street or RFD 55 Ellicott City MD 21043 57 Town 70 State 72 Zip 76		DRILLER INFORMATION Sandy B. Cochran M W D 120 Driller's Name 76 License No. 81 G. Edgar Harr Sons' Corp. Firm Name 12047 Falls Road, Cockeysville 21030 Address [Signature] 7/10/03 Signature Date	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 750 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 300 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP 41 BLK 1 PARCEL 138	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="radio"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> I INDUSTRIAL COMMERCIAL DEWATERING <input type="radio"/> P PUBLIC WATER SUPPLY WELL <input type="radio"/> T TEST OBSERVATION MONITORING <input type="radio"/> G GEO-THERMAL		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME AS1332F COUNTY NO. STATE SIGNATURE DATE ISSUED 07-31-03 43 MM 00 48 CO SIGNATURE [Signature] NORTH GRID 491000 50 55 EAST GRID 819000 57 63	
APPROXIMATE DEPTH OF WELL 250 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1 well 2 3 WRITE THE BOX NUMBER FROM THE MAP HERE E 8189 N 4901 000 000	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTARY AIR Percussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE ROTARY DRIVE POINT other		REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="radio"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="radio"/> D THIS WELL WILL DEEPEN 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 HO200260 PERMIT No HO-94-3771 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED			





3.  
Fore 7/30/03  
Well site  
OK  
NO SITE  
INSPECTION  
S112

# APPLICATION

PERCOLATION TESTING

A 513237-B

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE January 18, 2000

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 D. CAROL FANTA

ADDRESS 3117 HEARTHSTONE Rd, Ellcott City, Md 21042 PHONE 410-465-5747

AGENT OR PROSPECTIVE BUYER DAVID A. CARNEY, Attorney for owner(s)

ADDRESS 10715 CHARTER RD, COLUMBIA, MD 21044 PHONE 410-740-4600

PROPERTY LOCATION:

SUBDIVISION INGLEHART PROPERTY LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION EAST SIDE OF HALL SHOP ROAD AND 800'± SOUTH OF THE INTERSECTION OF HALL SHOP ROAD AND REDBERRY ROAD

TAX MAP 41 PARCEL # 138 GRID 1

SIZE OF LOT 40,000 ± TYPE BLDG. SINGLE FAMILY DWELLING  
(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

1190

topsoil

red org  
brn  
cl lmmed  
org brn  
scl lm  
w/mica15-20%  
sapr  
sh

1210

topsoil

red brn  
cl lmorg brn  
scl lmdistinct  
bands  
of med  
org brn  
scl lmcave in/  
seepage

water

1200

topsoil

red org  
brn  
cl lmmed  
org brn  
scl lm  
w/mica

30% sh

Hard sh

SOIL PROFILE

1220

topsoil

red brn  
cl lmorg brn  
scl lmcave in/  
seepage

water

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hall Shop Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-1-00	1190	4.5' S	12:13	12:23	12:23	12:37	14
		13.0' D	visual	- see	profile		OK
	1210	5.0' S	11:39	11:51	11:51	2:08	17
		12.0' D	water	- see	profile		FAIL
	1200	4.0' S	1:47	1:49	1:49	1:53	4
		10.0' D	Hard	Shale			OK
	220	9.0' D	cave in	seepage			FAIL

REMARKS holes tested as staked

TYPE OF SOIL

TESTED BY DKS

ALSO PRESENT M. Johnson, S. Ellis

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

# APPLICATION

PERCOLATION TESTING

A 513237-T

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

DISTRICT \_\_\_\_\_

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DATE January 18, 2000

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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SIZE OF LOT 40,000 ± TYPE BLDG. SINGLE FAMILY DWELLING  
(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.

David A. Carney  
(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

# INGLEHART PROP WET SEASON 2000

COUNTY #

SOIL PROFILE

0' 1459  
topsoil  
org brn  
cl Lm  
to  
med  
org brn  
sa cl  
Lm  
wholes  
9' cave in/  
seepage  
11' water

0' 1460  
topsoil  
dk  
red brn  
cl Lm

5' dk brn  
sa cl  
Lm  
w/  
seepage

9' 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	
5-18-00	1459	9.0' D	Water	- see	profile		FAIL
	1460	5.0' D	Water	- see	profile		FAIL

REMARKS holes tested as staked

TYPE OF SOIL \_\_\_\_\_

TESTED BY DKS ALSO PRESENT M. Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 513237-U

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

DISTRICT 1

DATE January 18, 2000

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 D. CAROL FANTA

ADDRESS 3117 HEARTHSTONE Rd, Ellcott City, Md 21042 PHONE 410-465-5747

AGENT OR PROSPECTIVE BUYER DAVID A. CARNEY, Attorney for owner(s)

ADDRESS 10715 CHARTER RD, COLUMBIA, MD 21044 PHONE 410-740-4600

PROPERTY LOCATION:

SUBDIVISION INGLEHART PROPERTY LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION EAST SIDE OF HALL SHOP ROAD AND 800'± SOUTH OF THE INTERSECTION OF HALL SHOP ROAD AND REDBERRY ROAD

TAX MAP 41 PARCEL # 138 GRID 1

SIZE OF LOT 40,000 ± TYPE BLDG. SINGLE FAMILY DWELLING  
(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. David A. Carney  
(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



# INGLEHART PROP - WET SEASON 2000

COUNTY #

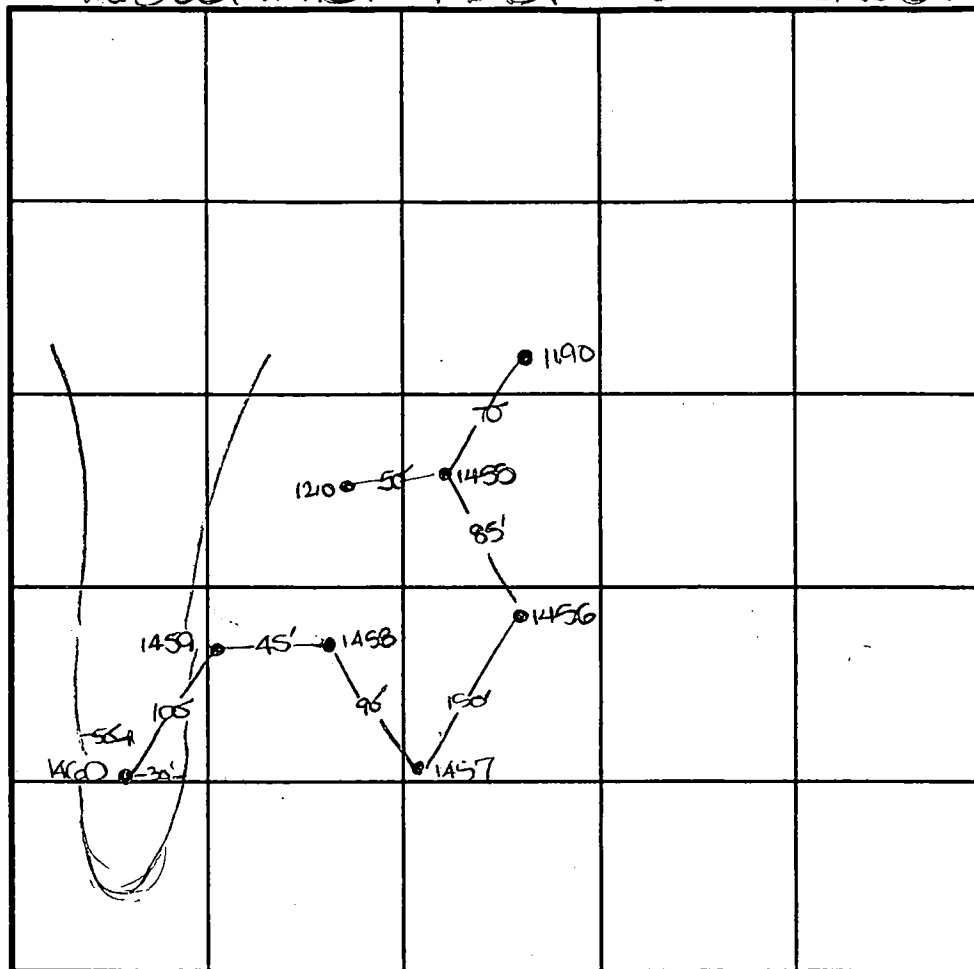
SOIL PROFILE

0' 1456  
topsoil  
org brn  
cl lm  
6' dk to  
med  
org brn  
sa lm  
w/ 15%  
sapr  
sh  
14'

0' 1455  
topsoil  
dk  
red brn  
cl lm  
5.6'

med to  
dk  
org brn  
sa lm  
w/ mica  
13.5' water

0' 1457  
topsoil  
dull  
org brn  
cl lm  
5.5' dk  
org brn  
sa cl  
lm  
w/ apr  
sh  
13.4' water



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
Hall Shop Road

SOIL PROFILE

0' 1458  
topsoil  
org brn  
cl lm  
3.5' med  
org brn  
sa lm  
dk to  
sa lm  
(mottled)  
sapr  
10% sh  
12' water

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-18-00	1456	5' 5" S	1:19.3	less than 1"	2:11.49		FAIL
		14.0' D	Visual	- see profile			OK
	1455	5.0' S	1:26	less than 1"	2:11.56		FAIL
		13.5' D	water	- see profile			OK
	1456	7.0' m	2:07.3	2:12	2:12	2:20	8
	1455	6.0' m	2:18	2:26	2:26	2:35	9
	1457	5' 8" S	2:34	2:52	2:52	3:07	15
		13' 4" D	water	- see profile			OK
	1458	5.0' S	2:53	3:10	3:10	3:30	20
		12.0' D	water	- see profile			FAIL

REMARKS holes tested as staked

TYPE OF SOIL

TESTED BY DKS ALSO PRESENT m. Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

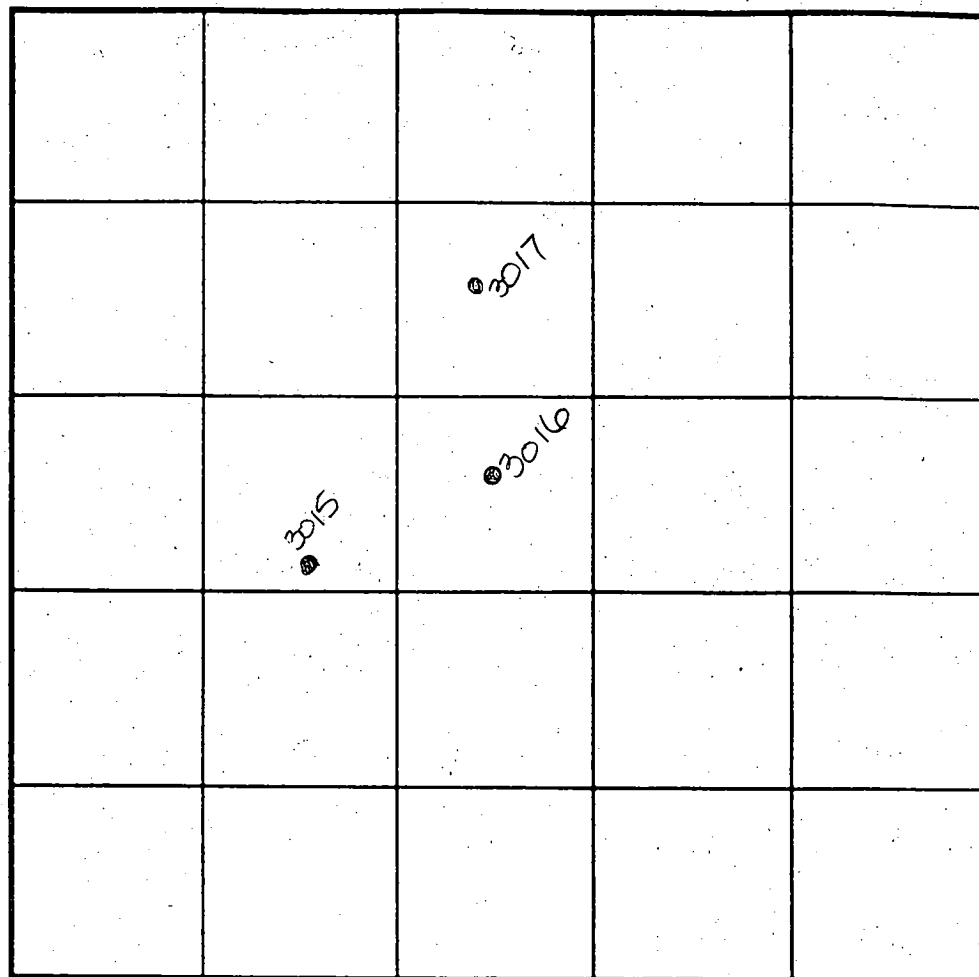
COUNTY #

## SOIL PROFILE

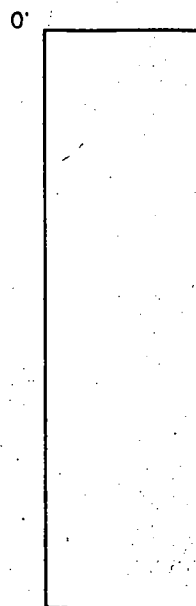
0' 3015  
 1' topsoil  
 br  
 org brn  
 cl lm  
 6'  
 med  
 red org  
 brn  
 si lm  
 5-10%  
 rock  
 14'8"

3016  
 1' topsoil  
 br  
 red org  
 brn  
 cl lm  
 6'  
 org brn  
 w/wh  
 streaks  
 si lm  
 5-10%  
 rock  
 14'

3017  
 1' topsoil  
 br  
 red org  
 brn  
 cl lm  
 6'  
 med  
 org brn  
 si cl lm  
 w/wh  
 streaks  
 13'10"



## SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hall Street Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-25-01	3015	6.5'S	11:18	11:21	11:21	11:35	14
		14'8"D	Visual	- see	profile		OK
	3016	6.0'S	11:29	11:37	11:37	11:46	9
		14.0'D	Visual	- see	profile		OK
	3017	6.5'S	12:01	12:00	- SLOW -		FAIL
		13'10"D	Visual	- see	profile		FAIL

REMARKS holes tested as staked

TYPE OF SOIL

TESTED BY DKC

ALSO PRESENT M. Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

5/20/02

DATE

Shown Hereon Are Based On Field Locations  
sion, And Are Correct, To The Best Of My  
belief.

5/16/02

Date

Land Surveyor No. 10763

Signed PC

LAND DEDICATED TO HOWARD  
COUNTY, MARYLAND FOR THE  
PURPOSE OF A PUBLIC  
ROADWAY.

ChB2

ChA

DENSE TREES

MgC2

NON-BUILDABLE  
PRESERVATION PARCEL 'A'

CgB2

ChA

CgB2

EXISTING  
CENTERLINE  
ROAD

NON-BUILDABLE  
PRESERVATION  
PARCEL 'D'

CgB2

PROP. FOREBAY  
(2' DEEP)  
(32' x 10')

PROP. RAIN-RETENTION  
FACILITY '2'  
HAZARD CLASS 'A'

FOREST CONSERVATION  
EASEMENT NO. 2.59 AC

PROP. FOREBAY  
(2' DEEP)  
(32' x 10')

MgC2

LOT 8  
53,530 SQ. FT.

PRC = 0+31.87

PC = 0+28

PRC = 2+30.37

PT = 2+62.24

EX. WELL

TO REMAIN

DEDICATED TO HOWARD  
BY MARYLAND FOR THE  
USE OF A PUBLIC  
WAY.

-BUILDABLE  
BULK  
ARCEL 'D'  
2.005 AC.

NON-BUILDABLE  
PRESERVATION PARCEL 'A'  
14.94 AC.

PROP. FOREBAY  
(2' DEEP)  
(32' x 10')  
PROP. BIO-RETENTION  
FACILITY #2  
HAZARD CLASS 'A'

FOREST CONSERVATION  
EASEMENT NO. 6  
2.59 AC.

PROP. FOREBAY  
(2' DEEP)  
(32' x 10')

FOREST CONSERVATION  
EASEMENT NO. 7  
1.00 AC.

FOREST CONSERVATION  
EASEMENT NO. 5  
1.01 AC.

PROP. 20' DRAINAGE/UTILITY  
MAINT. EASEMENT (TYP.)

FOREST CONSERVATION  
EASEMENT NO. 4  
0.27 AC.

APPROX. LOCATION  
OF EX. SEPTIC  
DRAINAGE FIELD  
PROP. 20' ACCESS  
EASEMENT FOR  
CEMETERY LOT 15

CEMETERY  
AREA = 4.313  
EXISTING CEME  
SET ATOP 15'

Signed  
prelim

DENSE TREES

GRASSSED LEVEL  
SPREADER TO  
DISIPATE CONCENTRATED  
FLOW

RIP-RAP

WETLAND  
BUFFER

112" TREE

CENTERLINE  
ROAD

\*12000

83

77

491.2

470

468

466

464

462

460

460

458

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414





Howard County  
Health Department

3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-1771 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

March 28, 2005

NVR, Inc.  
6085 Marshalee Drive  
Elkridge, MD 21227

**SENT VIA FACSIMILE 410-379-2430**

RE: Hall Shop Manor, Lot 7  
6911 Westcott Place  
Clarksville, MD 21029  
BP #: B00150922  
Well Permit # HO-94-3771

Dear Sirs:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 03/28/2005. Final approval of the well line connection to the dwelling was approved on 01/27/2005.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

#### **INTERIM CERTIFICATE OF POTABILITY**

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-3771. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Sample(s): 03/24/2005  
Date of Well Completion: 09/03/2003

Approving Authority,

*Brian Baker*

Brian Baker, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File



NON-BUILDABLE  
PRESERVATION  
PARCEL 'C'

FOREST CONSERVATION  
EASEMENT NO 7

APPROVED

WALKTHRU BUILDING PERMIT

BP# 100184811 A# 513237-J

APR. 2008 DATE: 7/6/08

DESC. OF WORK: Rel

NON  
BUL  
USE  
AND 7  
C.  
ENT  
AND  
LINTY.

NON-BUILDABLE  
BULK PARCEL 'D'

WESTCOTT PLACE  
R/W VARIES

SCALE: 1" = 50'

HOUSE LOCATION  
DRAWING

FOUNDATION LOCATIONS 02/23/05