

LAYOUT 6/28/05 INSP 4 \_\_\_\_\_  
 INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 6/29/2005

APPROVAL DATE: 8/31/05

**PERMIT**  
**INDEXED**  
 05-421667

P 522815  
 A 49392

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

Kenneth Mayne IS PERMITTED TO INSTALL  ALTER

ADDRESS: 11723 Legore Bridge Rd, Keymar PHONE NUMBER: 301-898-0955

SUBDIVISION: Paternal Gift LOT NUMBER: 1

ADDRESS: 12790 Hall Shop Road PROPERTY OWNER: Christina & Timothy Mudd

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED   
**WITH EFFLUENT FILTER**

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 230 HOUSE SERVED BY PUBLIC WATER

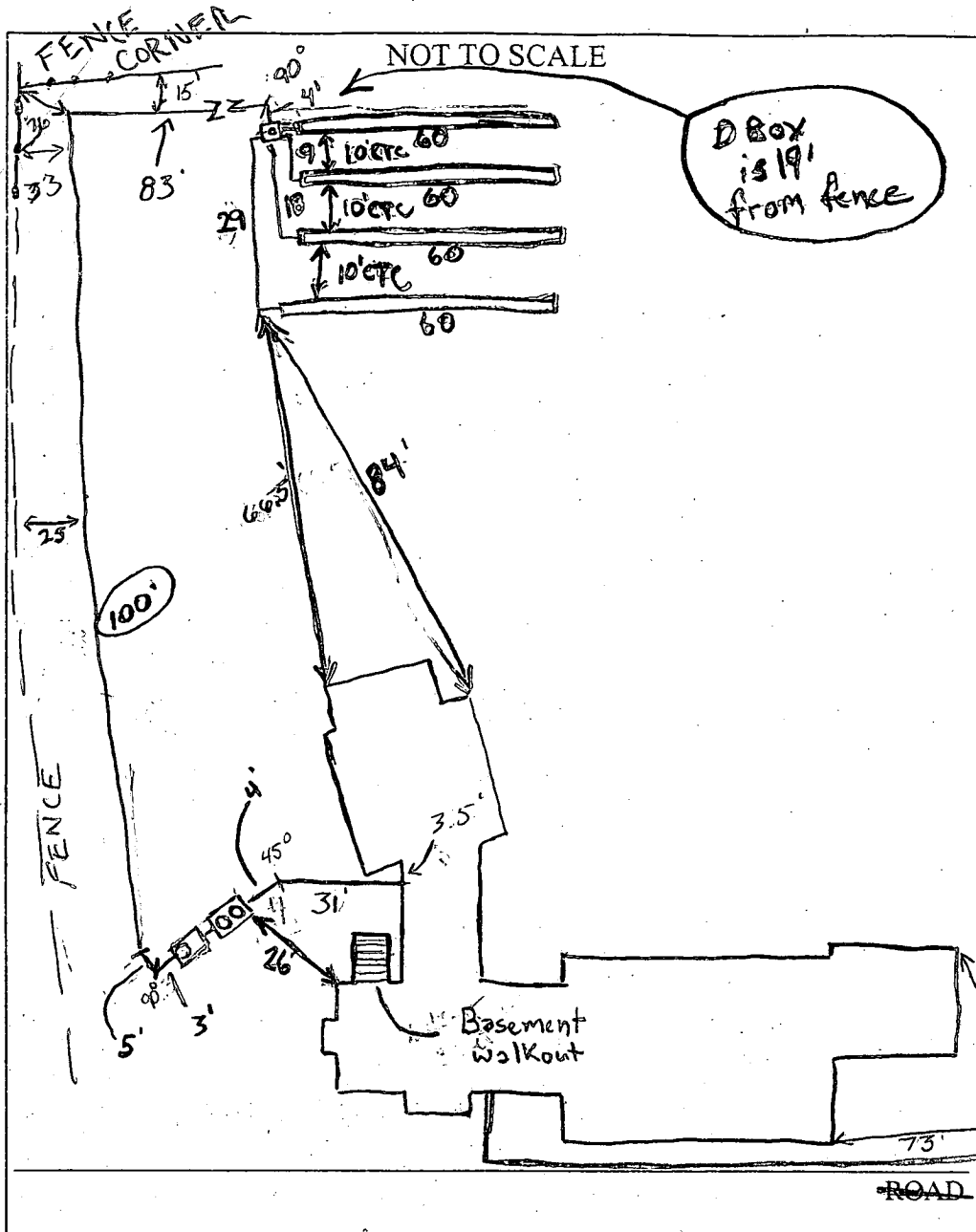
TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved building permit plan. Run approximately one 50' long trench and three 60' long trenches on contour.
NOTES:	Basement gravity service not proposed. Ensure septic tanks are not in swale feature.

PLANS APPROVED: Kacie Noonan Reviewed by: PAY DATE: 9/27/04

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 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A49392



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

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1-2"
BAFFLES	
* BAFFLE FILTER	No
MANHOLE LOC	Inlet/Outlet
6" PORT LOC	N/A
WATERTIGHT TEST	
SEPTIC TANK 2 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1-2"
BAFFLES	N/A
BAFFLE FILTER	N/A
MANHOLE LOC	Outlet
6" PORT LOC	N/A
WATERTIGHT TEST N/A	

PRE-CONSTRUCTION 6/28/05 4x60' trenches similar to drawing on wall check leave corner of tank closest to house open for measurement, manholes to inspect baffles. (GAC)

INSTALLATION 6/29/05 System installed ok to cover. Needs specified effluent filter. Also needs Pump & Alarm. (GAC) Well line OK

8/25/05 Pump & Alarm test OK. Still need to check effluent filter. (GAC) 8/31/05 Effluent Filter Installed. (GAC)

FINAL INSPECTOR Galvin A. Cooper

DATE OF APPROVAL 8/31/05

**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: District Clean Equipment Telephone #: 202-437-0243  
Address: 4424 Ark Road  
Washington DC 20011

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Frank Emanuele Sr License# 24866  
**\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.**

Name of Property Owner: Timothy Mudd Telephone #: 410 992-2500  
Subdivision: Paternal Ct Lot #: 1 Well Tag #: HO-94-3984  
Site Address: 12790 Hall Shop Rd  
Highland md 20777

<b>Submersible Pump Data</b>	<b>Pitless Adapter</b>	<b>Well Cap and Electric Conduit</b>
Make: <u>SAC 0221</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u>Yes</u>
Model #: <u>2243009203</u>	Model#: <u>R-300X</u>	Screened, vented well cap: <u>Yes</u>
Pump Capacity <u>5</u> GPM	Depth: <u>5 Feet</u> (36" min)	Cap secured to casing: <u>Yes</u>
Well Yield: <u>15</u> GPM	NSF/WSC approved: <u>Yes</u>	Conduit min 18" B.G.: <u>Yes</u>
Depth of well encountered at time of pump installation: <u>265</u> (feet)		Conduit secured to well cap: <u>Yes</u>
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
Torque arrestors, Cable guards, or other acceptable method used- Must circle one		
Safety rope, if used, attached to brass rope adapter or other acceptable method <u>inside of well casing</u>		

<b>Piping to house</b> <u>Black well pipe</u>	<b>House Connection</b>
Type: <u>Cresline HD-200</u>	PVC sleeve to undisturbed soil at wall penetration: <u>Yes</u>
PSI: <u>200</u> (160 psi min)	Approximate length of sleeve: <u>8 Feet</u>
Depth of supply line: <u>42</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: Frank Emanuele Sr date: Aug 18-05

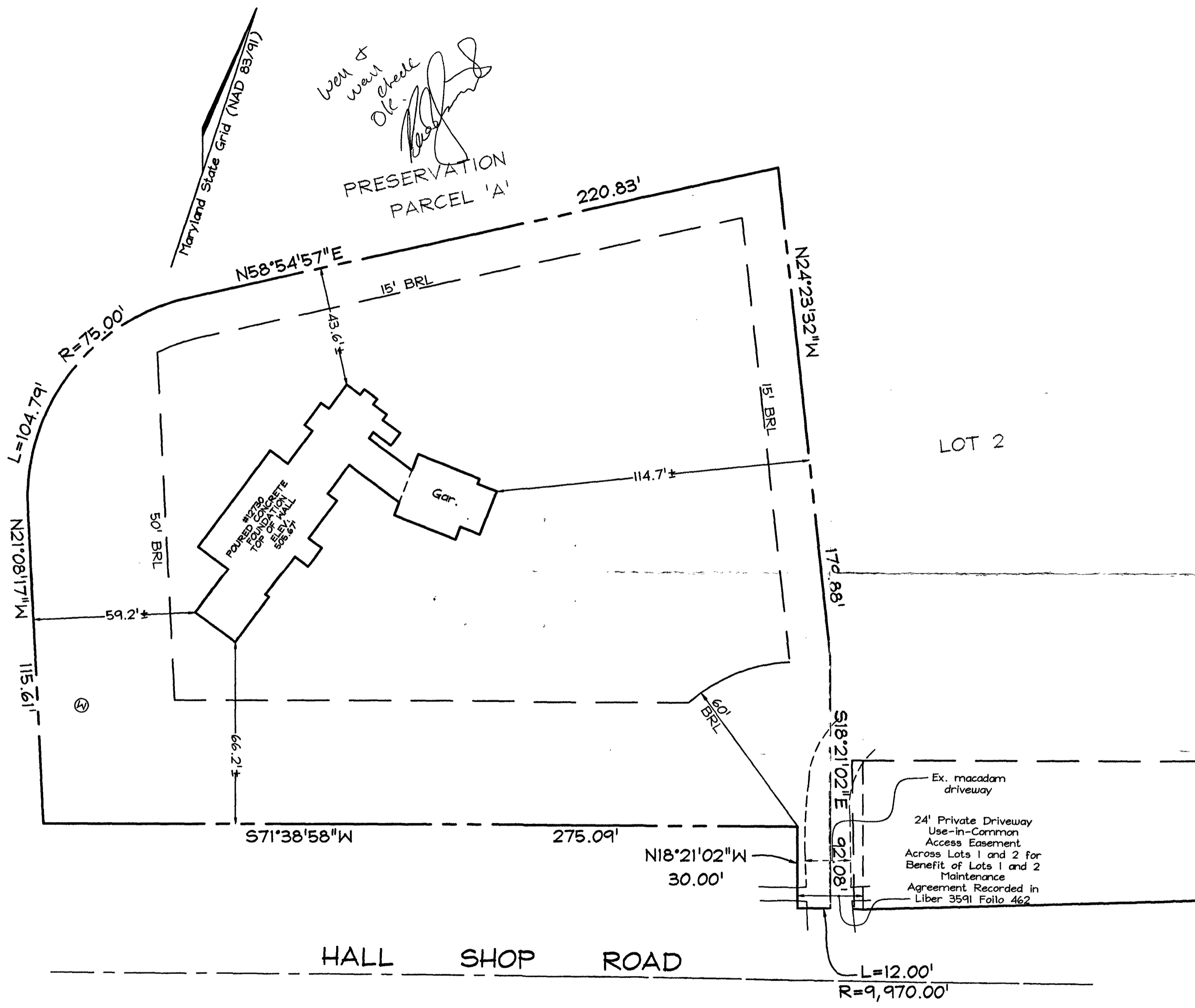
**For Health Department Use Only - Not to be completed by Installer**

Date Insp. Requested: 6/25/05 Date Insp. Approved: 6/29/05 Inspector: GAC

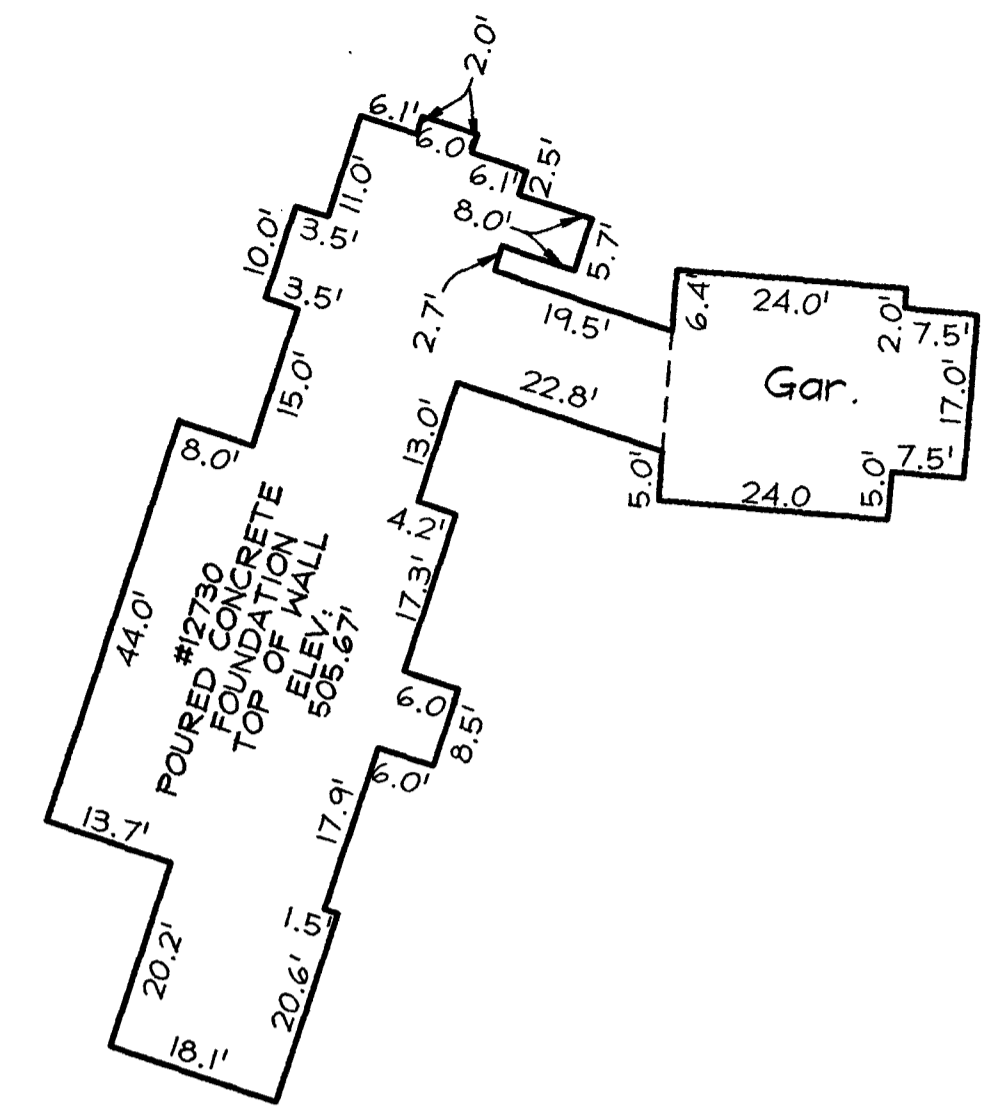
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade	<u>✓</u>
Two piece cap installed and attached to casing securely	<u>✓</u>
Elec. conduit extends at least 18" below grade/attached to cap properly	<u>✓</u>
Safety rope not seen outside of well cap/casing	<u>✓</u>
Correct well tag attached properly and casing 8" above finished grade	<u>✓</u>
Water supply line sleeved adequately at house connection	<u>✓</u>
Adequate grout observed below pitless adapter	<u>✓</u>

Wen & Wen  
OK checked  
*[Signature]*

PRESERVATION  
PARCEL 'A'



PLAN VIEW  
SCALE: 1"=30'



FOUNDATION DETAIL  
SCALE: 1"=20'

**LEGEND**

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

DIMENSIONS FROM FOUNDATION WALL TO PROPERTY LINE ARE  $\pm 0.1'$

ADDRESS No.: 12730 HALL SHOP RD  
TOP OF WALL ELEV. = 505.67' FIRST FLOOR ELEV. = N/A

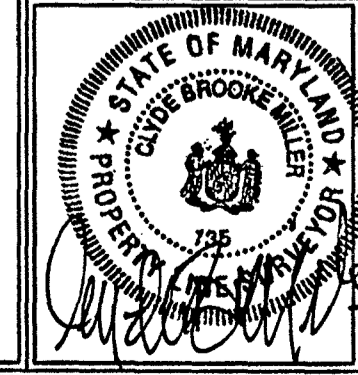
THE LOCATION DRAWING IS OF BENEFIT TO THE CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.

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.

LOT 1  
PATERNAL GIFT

PLAT #11966  
TAX MAP 40 GRID II  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND



**FSH Associates**  
Engineers Planners Surveyors  
8318 Forrest Street Ellicott City, MD 21043  
Tel: 410-750-2251 Fax: 410-750-7350  
E-mail: info@fsha.biz

WALL OR CHECK	
FOUNDATION	Date: 11/23/04
FINAL	Date: ..
DRAWN BY:	BB
SCALE:	As Shown
W.O. No.:	3252

PRESERVATION  
PARCEL 'A'

Existing Septic  
Easement = 11,275 sq ft  
Original  
Total remaining  
Area = 10,850 sq ft

LOT 2

Distribution Box  
Ex. Ground: 511.2  
Inv.: 508.2

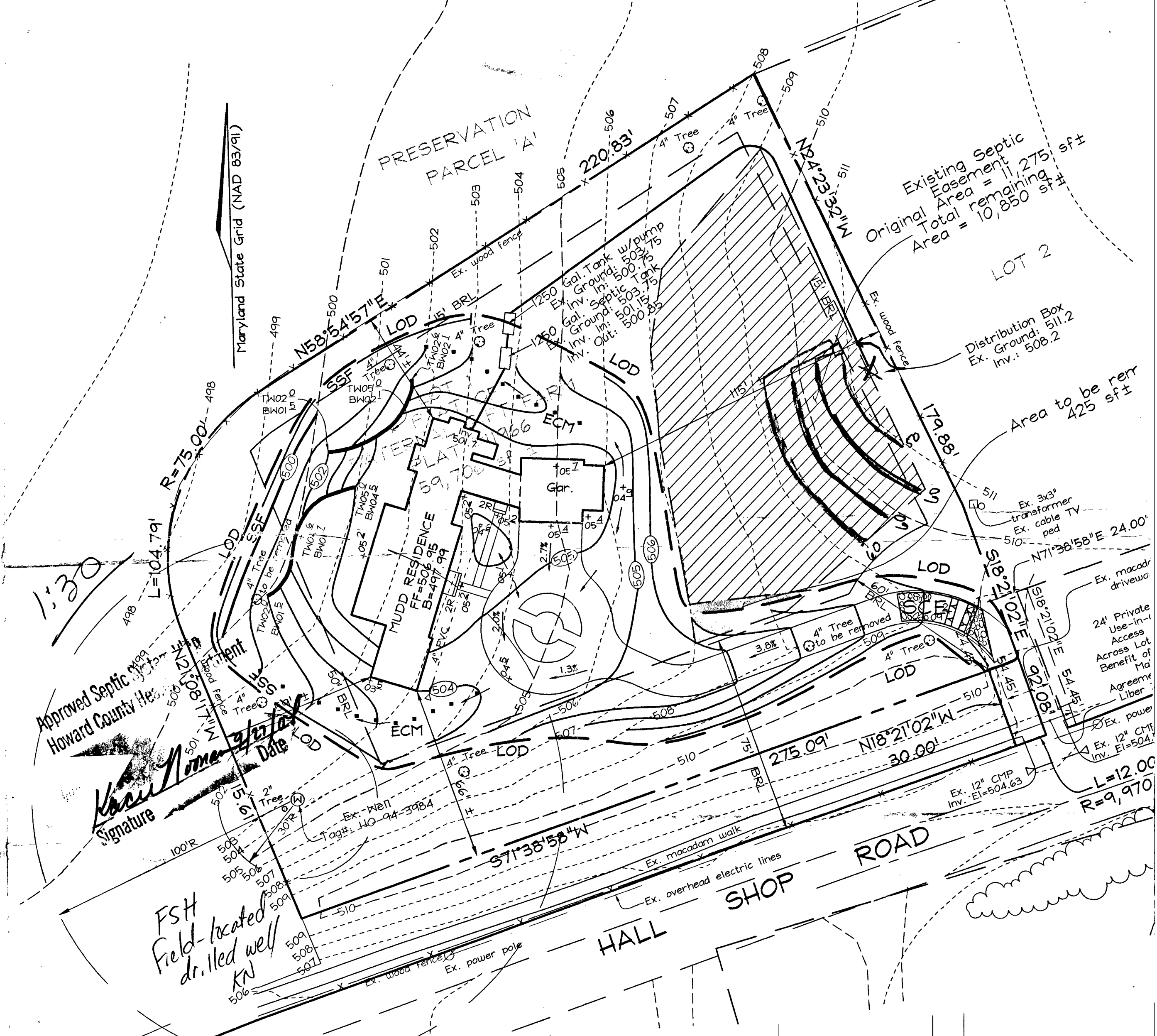
Area to be ren  
425 sq ft

Ex. macadr  
drivewa

24' Private  
Use-in-  
Access  
Across Lot  
Benefit of  
Ma  
Agreeme  
Liber

Ex. power  
Ex. 12" CMP  
Inv. EI=504.1

L=12.00  
R=9,970



Maryland State Grid (NAD 83/91)

1:30

Approved Septic System  
Howard County Health Dept

Signature  
Date

FSH  
Field-located  
drilled well  
KN

Ex. well  
Tag#: HQ-94-3984

HALL SHOP ROAD

ROAD

L=104.79'

R=75.00'

N58°54'57"E

220.83'

N12°33'24"W

N71°38'58"E 24.00'

N18°21'02"W

S71°38'58"W

275.09'

30.00'

S18°21'02"E

S18°21'02"E

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SEQUENCE NO. (MDE USE ONLY) **3752**

STATE OF MARYLAND WELL COMPLETION REPORT

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

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER **A49392**

DATE WELL COMPLETED **8/3/04**

Depth of Well **260** (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO-94-3984**

OWNER **Madd Christing** STREET OR RFD **12390 Fall Shop Rd** TOWN **Highland**

WELL LOG Not required for driven wells

GROUTING RECORD WELL HAS BEEN GROUTED **Y** TYPE OF GROUTING MATERIAL **CM** BENTONITE CLAY **BC**

PUMPING TEST HOURS PUMPED **3** PUMPING RATE **15** gal. per min.

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Topsoil, brown rocky clay, fan rocky clay, etc.

CASING RECORD MAIN CASING TYPE **ST** Nominal diameter **6** Total depth **77**

PUMP INSTALLED DRILLER INSTALLED PUMP **NO**

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

TYPE OF PUMP USED (for test) **S** submersible

NUMBER OF UNSUCCESSFUL WELLS **0**

SCREEN RECORD **ST** **BR** **HO** **PL** **OT**

PUMP COLUMN LENGTH (nearest ft.) **47**

WELL HYDROFRACTURED **Y** CIRCLE APPROPRIATE LETTER

DEPTH (nearest ft.) **75** **260**

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS

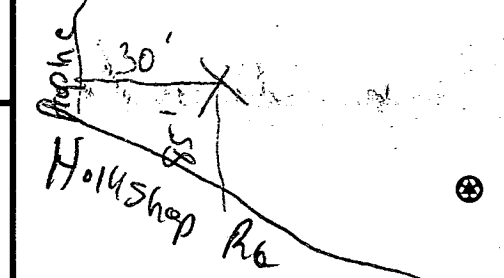
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. **MWD 040** DRILLERS SIGNATURE **James F. Kusterling**

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

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q





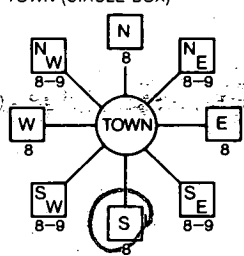
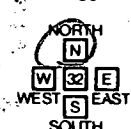
B 1 **9785** SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type **520435**

STATE PERMIT NUMBER **HD-94-3984**  
fill in this form completely

Date Received (APA) **06/22/04** OWNER INFORMATION **9747**  
8 MM DD YY 13  
**MUDD CHRISTINA**  
15 Last Name Owner First Name 34  
**12730 hall shop**  
36 Street or RFD 55  
**highland, md. 20777**  
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**Howard** COUNTY 21 **CC#**  
**Paternal Gift Farm**  
23 SUBDIVISION 42  
SECTION 44 46 LOT 48 50  
**Highland**  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) 1 M: 1  
73 76 77 78

DRILLER INFORMATION  
**George F. Easterday MW W 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* **6/18/04**  
Signature Date

B 4  
1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
**12790**  
**12730 Hall Shop Rd**  
11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
34 **500** 37  
DISTANCE FROM ROAD Ft.  
ENTER FT. OR MI 38 39  
TAX MAP: **4D** BLK: **11** PARCEL: **7117**

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**  
14 20

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

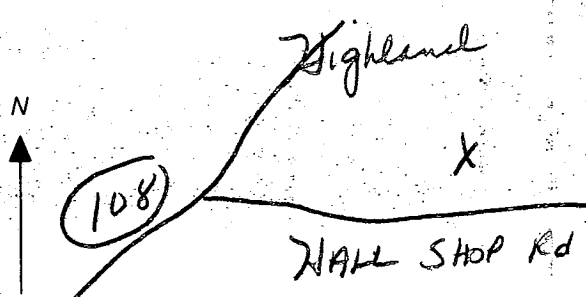
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**Howard** COUNTY NAME  
**A49392** COUNTY NO.  
STATE SIGNATURE  
DATE ISSUED **7/19/04** INSERT S  
43 MM DD YY 48 CO SIGNATURE **7/19/04** EXP. DATE  
NORTH GRID **487** 0 0 0 EAST GRID **012** 0 0 0  
50 55 57 63

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
**8304 8000 Am Glass**  
SOURCES OF DRILLING WATER  
1. **wells**  
2. **3 hour field**  
3. **No Insp.**  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E **81X2** 000 000  
N **48X7** 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)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
39  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

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION **14 C 13**  


Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROP. PERMIT NUMBER **G**  
PERMIT No. **HD-94-3984**  
70 71 72 73 74 75 76 77 78 79

Maryland State Grid

N58°54'57"E

LOT 2

LOT OF  
PATERNAL GIFT FARM  
PLAT 1966  
59,706

Existing  
Septic  
Easement  
11,275 sft

F.F. = 506.95  
B.E. = 497.99

24' Private Driveway  
Use-in-Common  
Access Easement  
Across Lots 1 and 2 for  
Benefit of Lots 1 and 2  
Maintenance  
Agreement Recorded  
Liber 3591 Folio 4

*7/28/04*  
*Give approval to*  
*move well to this site*  
*Already approved by*  
*Mark, etc.*

**BB**

HALL

SHOP

ROAD

L=104.79' R=75.00'

N71°18'02"W

100'R

30'R

275.09'

N18°21'02"W

30.00'

L=12.00'  
R=9,970.00'

S18°21'02"E

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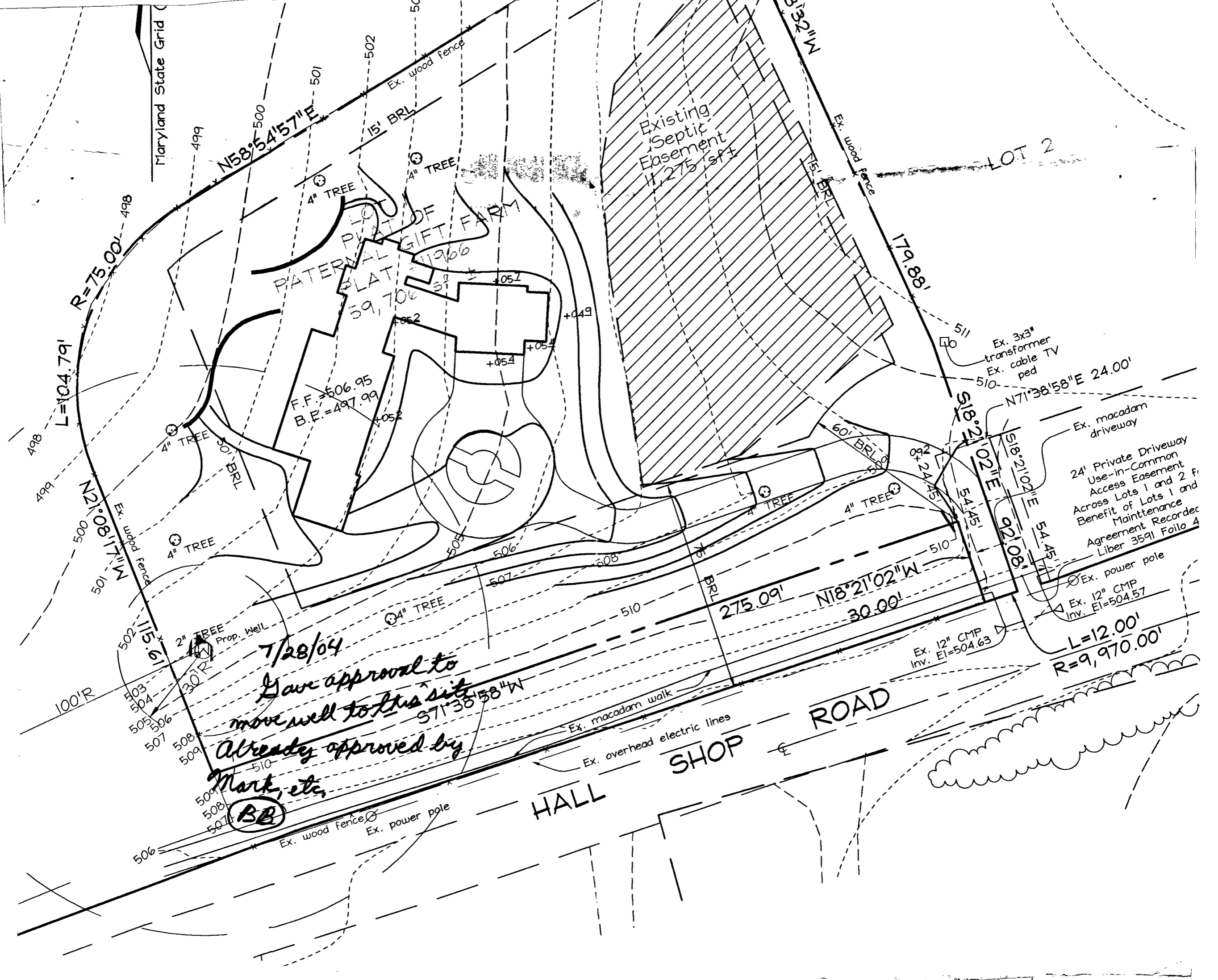
S18°21'02"E

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# APPLICATION

## PERCOLATION TESTING

682  
Case No. 49393

A 49392

P \_\_\_\_\_

*page 2*

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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

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 Schmidt

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Paternal Gift LOT NO. 1

ROAD AND DESCRIPTION Hall Shop Rd

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ 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 7/

REASONS FOR REJECTION OR HOLDING 7/20/93 Perc Hole OK but must consult with PPRD

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

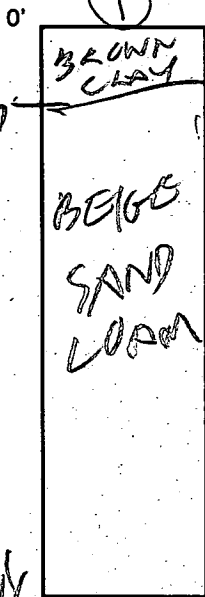
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

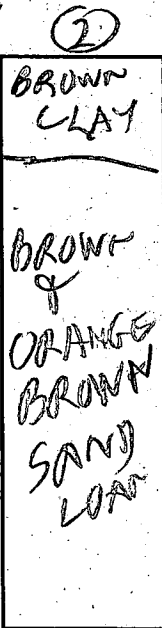
207 Fuel Lot 1 A49392 Paternal Gift Farm - Hall Shop Rd

COUNTY #

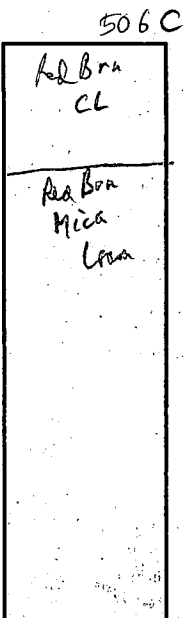
SOIL PROFILE



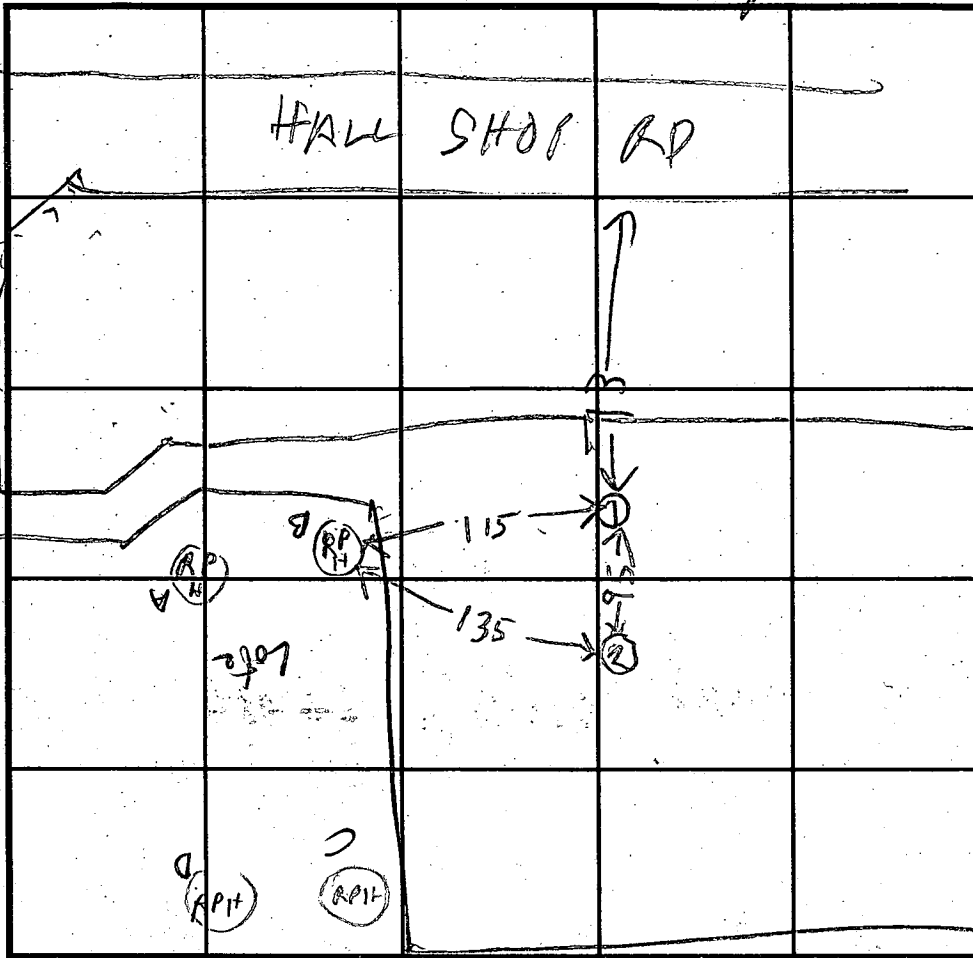
11 1/2'



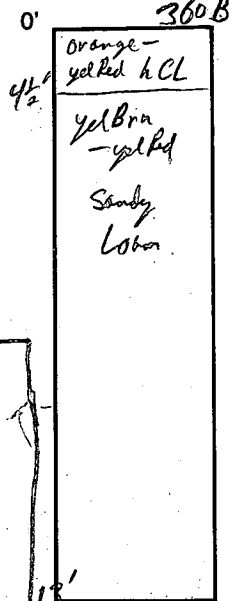
12'



13'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/20/93	15	4	253	257	257	300	3
	25	11.5	OK				
7/20/93	25	4 1/2	303	304	304	36	6
	25	12	OK				
From Lot 2	360 B	v 13' 5"	OK below 4 1/2' AT				1 on base OK
7/18/93							
	506 C	v 13' 6"	OK below 4 1/2 - 5 1/2'				2 min

REMARKS Combine results of Lot 1+2, Reconfigure New SDA to high ground.

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

TESTED BY R. HODGES

ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 min TRENCH WIDTH 2

INLET DEPTH 3 1/2' MAXIMUM BOTTOM DEPTH 5 1/2' SQ. FT./BEDROOM 180

# APPLICATION

PERCOLATION TESTING

A 49392

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 7/7/93

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 SUSAN Scheidt

ADDRESS 12730 HALLS SHOP ROAD HIGHLAND PHONE 531-2326  
MD. 20777

AGENT OR PROSPECTIVE BUYER FISHER COLLINS AND CARTER INC.

ADDRESS 9171 BALTIMORE NATIONAL PIKE SUITE 100 PHONE 461-2855  
ELLICOTT CITY MD. 21042

PROPERTY LOCATION:

SUBDIVISION PATERNAL GIFT LOT NO. 1

ROAD AND DESCRIPTION HALLS SHOP ROAD / 216 & 108

TAX MAP 40 PARCEL # 396, 179 & 90

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 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. Zacharia Y. Gisch (Agent)  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS Wet Season Testing - notch @ 9'+14' in July (possible 5-7' in wet season) 7/13/93

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

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

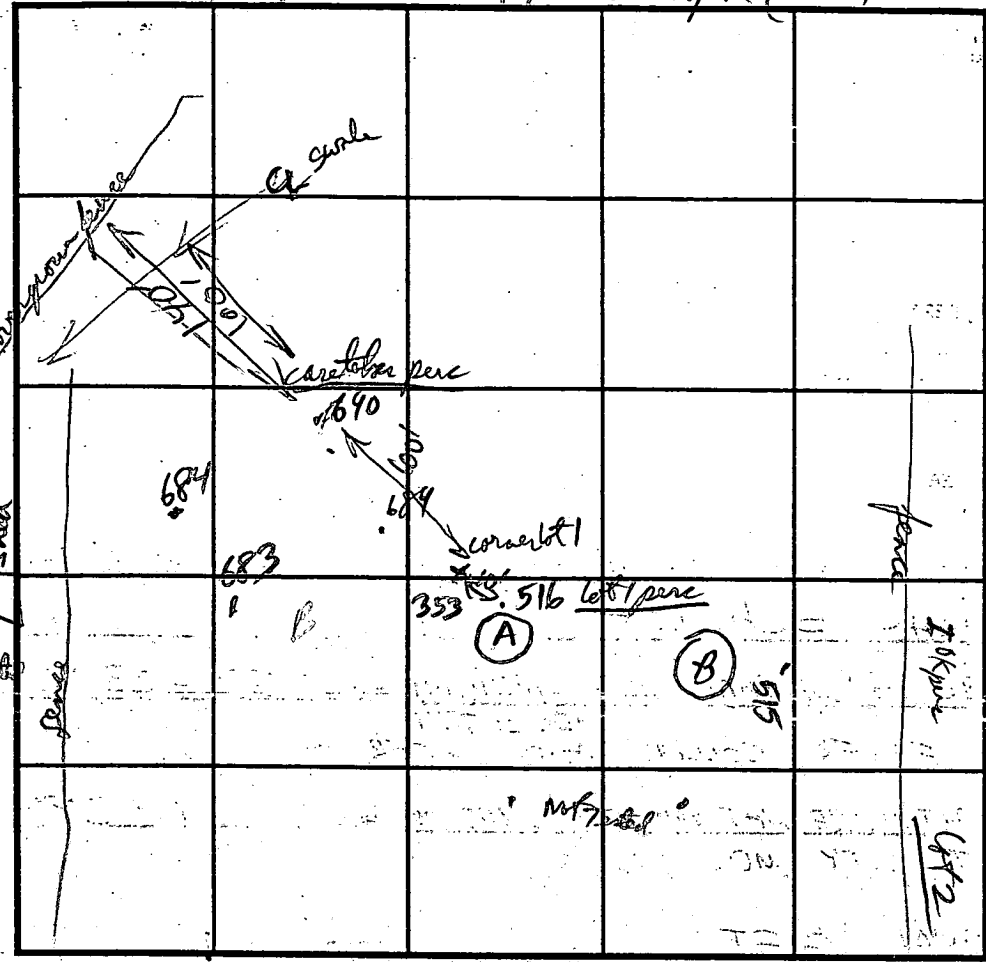
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

Final A 49392 COUNTY #

Perennial Gift Farm Final Lot 1 - Hall Shop Rd (Shoring failed - water table holes)

SOIL PROFILE  
0' 516 A  
Red Brn hcl - Cl  
5 1/2' v dark 5YR 4/4 R/Brown wet h  
6 1/2' v dark Brn 5YR 3/2 trace iron  
v moist wet (brown)  
water @ 9'  
filled with  
Terry orange (orange)  
LS wet - Salinity



SOIL PROFILE  
0'

B  
y/brown red Brn  
Cl dry  
Red Brn humalona  
4.5' v. Dark Neutral v. Moist brown  
v moist  
with iron conc.  
on clods at depth  
Begin water seepage  
water at 14"  
number 12 of  
light green large

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

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-13-93	(516 A)	water @ 9' - Seasonal water table estimate			5 1/2' to 6 1/2' H below		Fail Surface Unsat.
	(515) B	3 1/2'	3:17:10	3:18:30	3:18:30	3:20:30	2 min Fail at wet season
		v 14' water @ 14' - Hold for wet season (May to water @ 9' - 9' during wet season)					
		Other Not tested hold for wet season					

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Monor/chester  
 TESTED BY RJP ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

1250 Gal. Ground In: 500  
Inv. Out: 500

Distribution Box  
Ex. Ground: 511.2  
Inv.: 508.2

Area to be removed  
425 sf±

Ex. 3x3" transformer  
Ex. cable TV ped  
510

Ex. macadam driveway

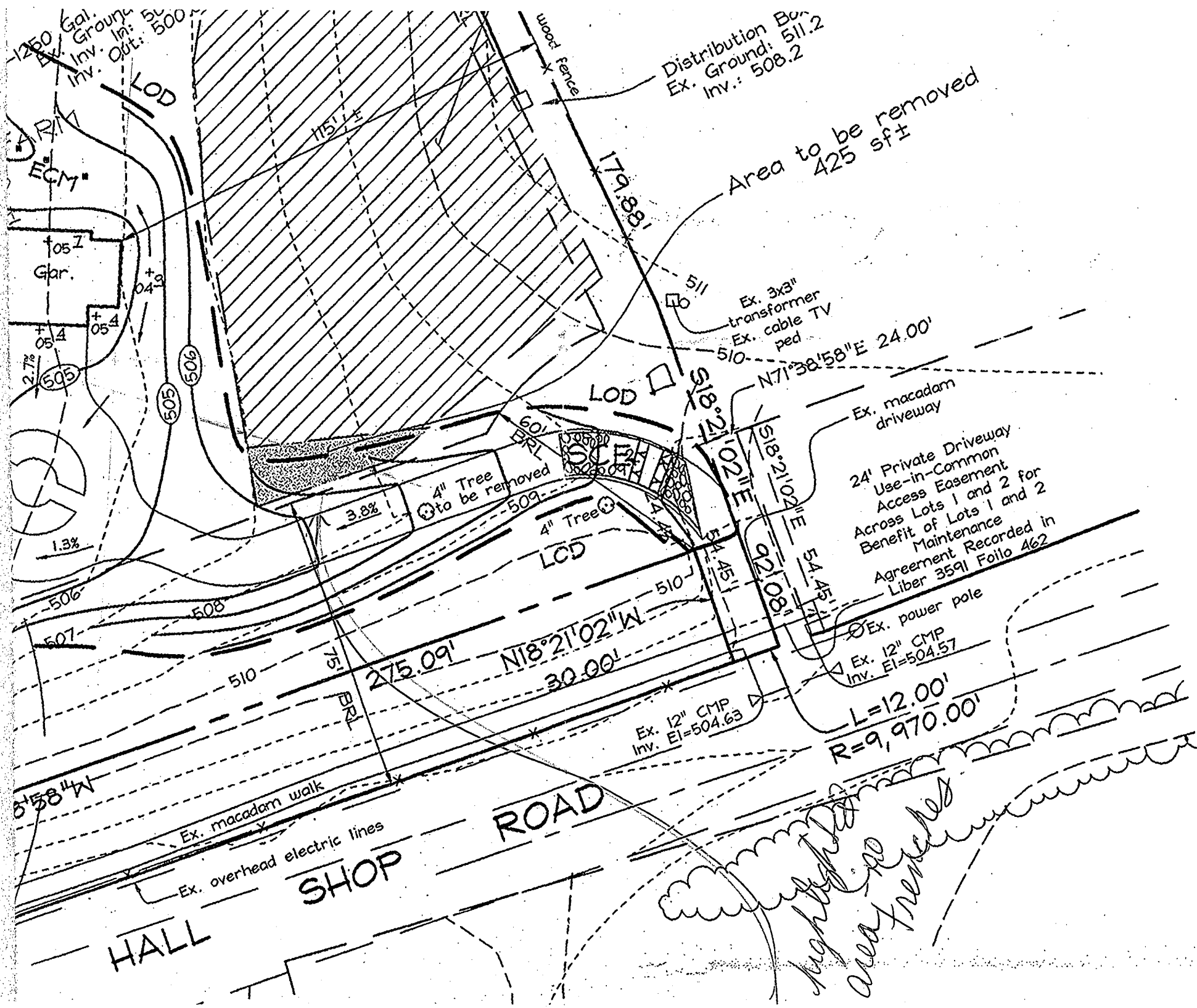
24' Private Driveway  
Use-in-Common  
Access Easement  
Across Lots 1 and 2 for  
Benefit of Lots 1 and 2  
Maintenance  
Agreement Recorded in  
Liber 3591 Folio 462

Ex. power pole  
Ex. 12" CMP  
Inv. EI=504.57

Ex. 12" CMP  
Inv. EI=504.63

L=12.00'  
R=9,970.00'

*highlighted area  
no trenches*



LOD  
115' E

wood fence

179.88'

511

510

N71°38'58"E 24.00'

LOD

518.2102'

518.2102'

518.2102'

54.45'

3.8%

4" Tree to be removed

4" Tree

LCD

510

N18°21'02"W

30.00'

275.09'

510

508

506

507

S158°W

Ex. macadam walk

Ex. overhead electric lines

HALL

SHOP

ROAD



LINE ONLY - NO 1  
553.96'  
21'E

**PRESERVATION  
PARCEL 'A'**  
(AGRICULTURAL PRESERVATION)  
AREA = 26.908 AC.\*  
TOTAL AREA = 74.110 AC.\*  
(PRIVATELY OWNED AND MAINTAINED  
BY HOMEOWNER'S ASSOCIATION)

214.62'

30' PUBLIC STORMWATER MANAGEMENT,  
DRAINAGE, UTILITY AND ACCESS EASEMENT

*Paternal Gift Farm*  
*Signed Final Plat*  
*F-95-79*

SEE

PE  
AND  
CICIAL  
L. 651, 1  
SHE

R=30.00'  
L=46.07'

40' PRIVATE DRIVEWAY  
USE-IN-COMMON ACCESS EASEMENT  
ACROSS LOT 3 AND RESIDUE PROPERTY  
OF PETER C. SCHEIDT AND  
D. SUSAN SCHEIDT FOR THE USE AND  
BENEFIT OF LOT 3 AND RESIDUE  
PROPERTY OF PETER C. SCHEIDT  
AND D. SUSAN SCHEIDT  
MAINTENANCE AGREEMENT RECORDED IN  
LIBER 3591, FOLIO 462

REAM  
ER



NOISE LINE

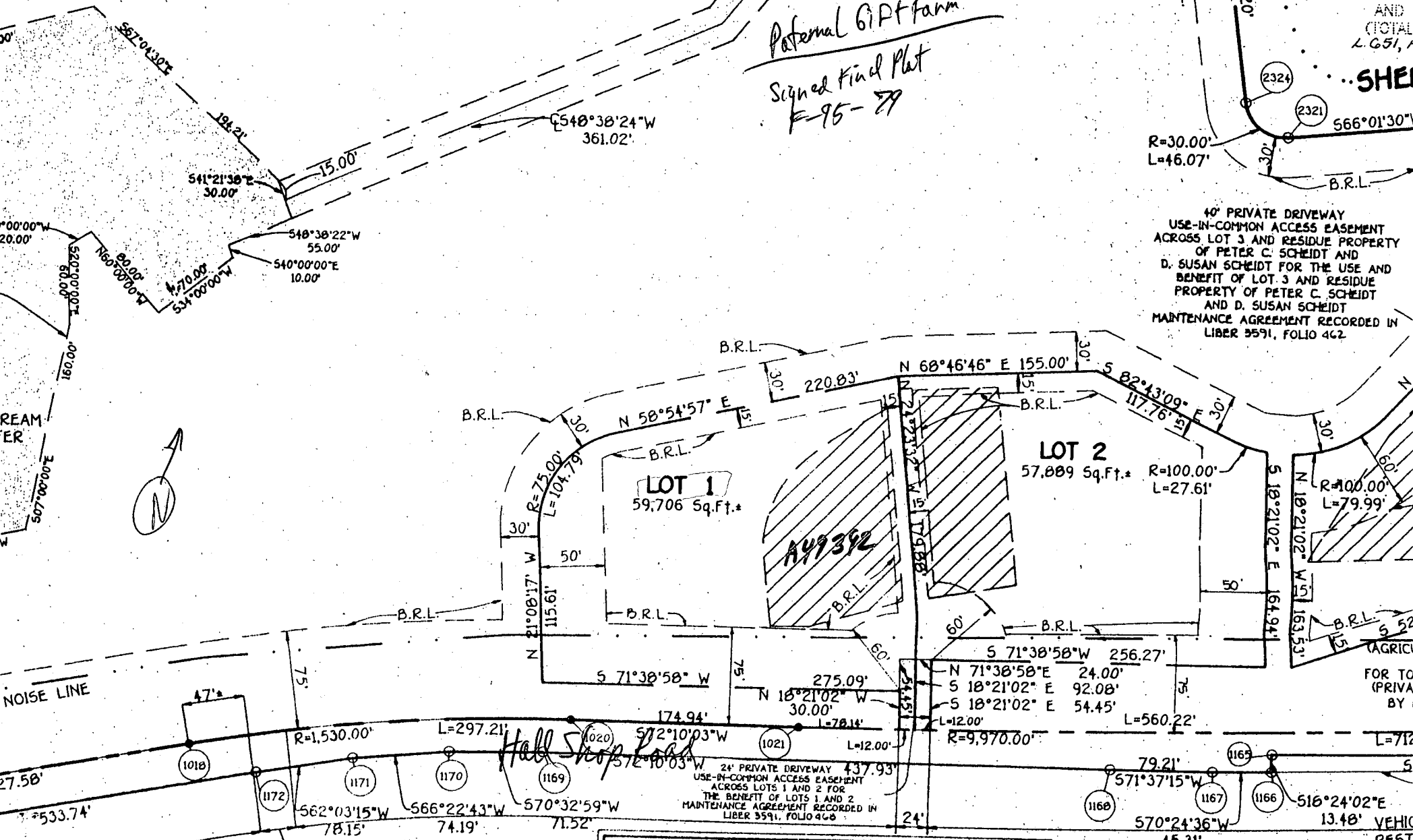
ATED TO HOWARD COUNTY,  
D FOR THE PURPOSE OF A  
ROADWAY (1.364 AC.)\*

30' OPENING FOR  
EXISTING DRIVEWAY

THE REQUIREMENTS 3-10B, THE REAL PROPERTY ARTICLE, ANNOTATED  
CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED)  
AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE  
SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

**RESERVATION OF PUBLIC UTIL  
FOREST CONSERVATION EASEM**

\*DEVELOPER RESERVES UPON ITSELF, ITS S  
ASSIGNS ALL EASEMENTS EXCEPT





Andy Mudd  
8601 Paps Parkway  
La Plata, MD 20646

August 31, 2005

## ANALYSIS REPORT

SAMPLE TYPE: Water  
SAMPLE SOURCE: 12790 Hall Shop Road, Highland, MD 20777  
Downstairs Bathroom

DATE COLLECTED: 25-Aug-05  
DATE RECEIVED: 25-Aug-05

TIME COLLECTED: 8:15 AM  
TIME RECEIVED: 8:40 AM

PARAMETER	RESULTS /100 ml	EPA LIMIT
TOTAL COLIFORM	Absent	
FECAL COLIFORM (E.coli)	Absent	
Lead*	<0.005 mg/L	0.015mg/L

\*Test was run at Chemical Solutions Ltd.

This sample MEETS the bacteriological quality standard  
of the Federal Safe Drinking Water Act.

COLLECTED BY: A. Aladeselu  
MARYLAND STATE CERTIFICATION No. MD 5265AA

REVIEWED BY: Stanislava Atanasiu for KA  
Kunle Aladeselu  
ESS - Lab Manager

REPORTED BY: ENVIRONMENTAL SYSTEMS SERVICE, LTD.  
8321 Leishear Road  
Laurel, MD 20723

MARYLAND STATE CERTIFICATION NUMBER: 129

### CASELL TESTING, INC.

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: Sep 8, 2005

County Howard

Lab Number T-1681

Sample Iced Yes  
Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. No

### CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality  
Laboratory No. 115

REQUESTER: Mr. Andy Mudd  
8601 Paps Parkway  
LaPlata, Maryland 20646

Property Sampled: 12790 Hall Shop Road

Station Sampled: Laundry tub tap

Date/Time Sampled: Sep 8, 2005 11:15 am

Owner, Telephone No.: Mudd

Subdivision Name: Paternal Gift Farm

Building Permit No.: B00149802

Well Number: HO-94-3984

Tax Map #: 40

Parcel #: 90

Sampler: 6724GP

Lot Number: 1

*Repaired  
9/9/05*

Observation: 2-Piece Cap  
Cap Tight  
Rope between  
cap halves

### RESULTS OF ANALYSIS:

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Nitrate	<1.0 mg/L as N	SM 4500D	*10 mg/L as N	Pass
Turbidity	1.6 NTU	EPA 180.1	*10 NTU	Pass
pH	6.8 Units	EPA 150.1	**6.5-8.5 Units	***
Sand	Negative		Negative	

Treatment/Conditioning: NONE

\*\*\*A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, odor, or color) in drinking water.

*Heather R. Beam*

Heather R. Beam

\*MCL = Maximum Contamination Level  
\*\*SMCL = Secondary Maximum Contamination Level



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

September 9, 2005

Christina & Timothy Mudd  
12730 Hall Shop Road  
Highland, MD 20777

**SENT VIA FACSIMILE 301-392-9456**

RE: 12790 Hall Shop Road  
Highland, MD 20777  
BP #: B00149802  
Well Permit # HO-94-3984

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 08/31/2005. Final approval of the well line connection to the dwelling was approved on 06/29/2005.**

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-94-3984. 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): 08/25/2005 & 09/08/2005  
Date of Well Completion: 08/03/2004

Approving Authority,

Brian Baker, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File