

11/22/99  
12:00

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

### INDEXED

P 513127

A 512722

DISTRICT \_\_\_\_\_

DATE 11/16/99

DATE SYSTEM APPROVED 11/23/99

INSPECTOR BB

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXX~~ 410-313-2640

05-361621

LAWRENCE KNOCK JR.

IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 1393 OGG DR. WESTMINSTER 21157 PHONE 410 876 6920

SUBDIVISION Tax Map 40 - Parcel 27 LOT \_\_\_\_\_ ROAD 7093 Mink Hollow Road

PROPERTY OWNER Timothy Jacobs

ADDRESS 7093 Mink Hollow Road, Highland, MD 20777

SEPTIC TANK CAPACITY 1500 GALLONS (COMPARTMENTED)

PUMP PIT TO BE  
1500 GAL COMPARTMENTED  
SEPTIC TANK TURNED  
BACKWARDS TO PROVIDE  
1000 GAL PUMP CHAMBER FOR  
SIMPLEX PUMP.

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 1 1/2 feet below original grade. Bottom maximum depth 3 1/2 feet below original grade. Effective area begins at 2 feet below original grade. 2 foot of stone below distribution pipe.

LOCATION - Place distribution box approximately 250 feet down the left lot line and 40- feet off that lot line. Run trenches along contour in both directions.

NOTES - Inspection of trenches required before placing gravel.

AP 11/17/99

**BUILDING PERMIT SIGNED  
AND RETURNED**

31005 BOD 152 922 - PORCH

PLANS APPROVED BY Craig Williams DATE 11-16-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

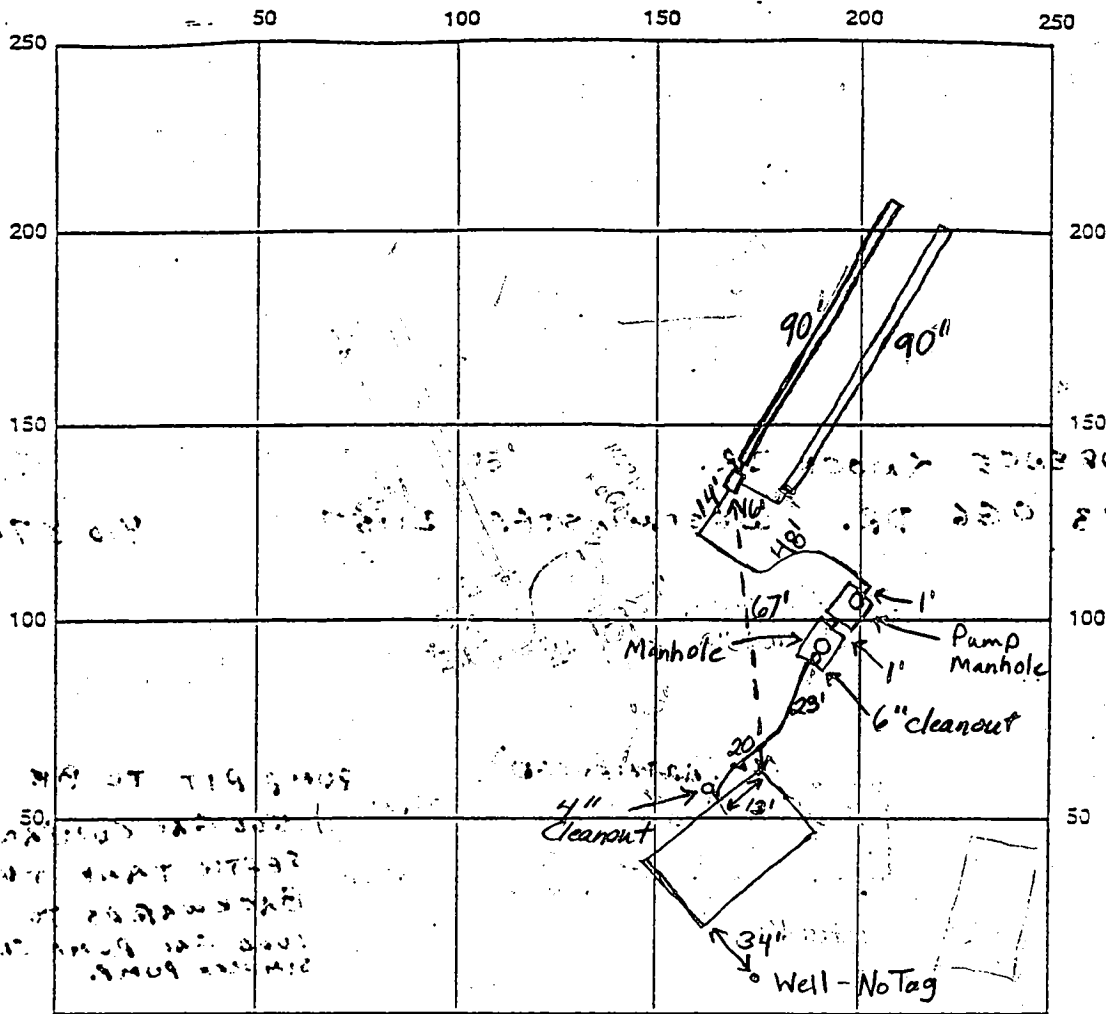
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 5 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

4512722



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

2-2 compartmented Mink Hollow Rd.  
 SEPTIC TANK LEVEL 1500 gallons, Pump tank backward CLEANOUTS 1-4" line, 1-6" tank, 1-Manhole tank  
 DISTRIBUTION BOX LEVEL O.K. Levelers Installed 1-Manhole pump chamber  
 DRAIN FIELD/TILE DEPTH 3.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 1.5 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 2x90' FT. (180' total)  
 NUMBER OF TRENCHES 2 ONE-SIDED WALL/BOTTOM AREA 540 SQ. FT.  
 DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.  
 ABSORBENT AREA      SQ. FT.

REMARKS: 11/23/99 House connection made. O.K. to cover from septic tank to house. (BB)  
11/23/99 Pump O.K. High water alarm O.K. O.K. to cover everything. No cover tag. (BB)

DATE SYSTEM APPROVED 11/23/99 INSPECTOR B. Baker

# APPLICATION

PERCOLATION TESTING

A 5/27/22

P \_\_\_\_\_

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

*No records of Existing Home  
to be Demolished & Replaced by  
New 3 Bedroom Home*

DISTRICT \_\_\_\_\_

DATE 9/23/99

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*Test. Schedule date of 5:00 Oct 8/1999  
10:45  
Confirmed 10/5/99*

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Timothy Jacobs

ADDRESS 7093 Mink Hollow RD, Highland, MD 20777 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER PAUL J KNOX

ADDRESS \_\_\_\_\_ PHONE 410 360 3558

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION at same location 7093 Mink Hollow Rd

TAX MAP A0 PARCEL # 15

SIZE OF LOT 3.2 ACRES TYPE BLDG. SINGLE FAMILY  
(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 \_\_\_\_\_

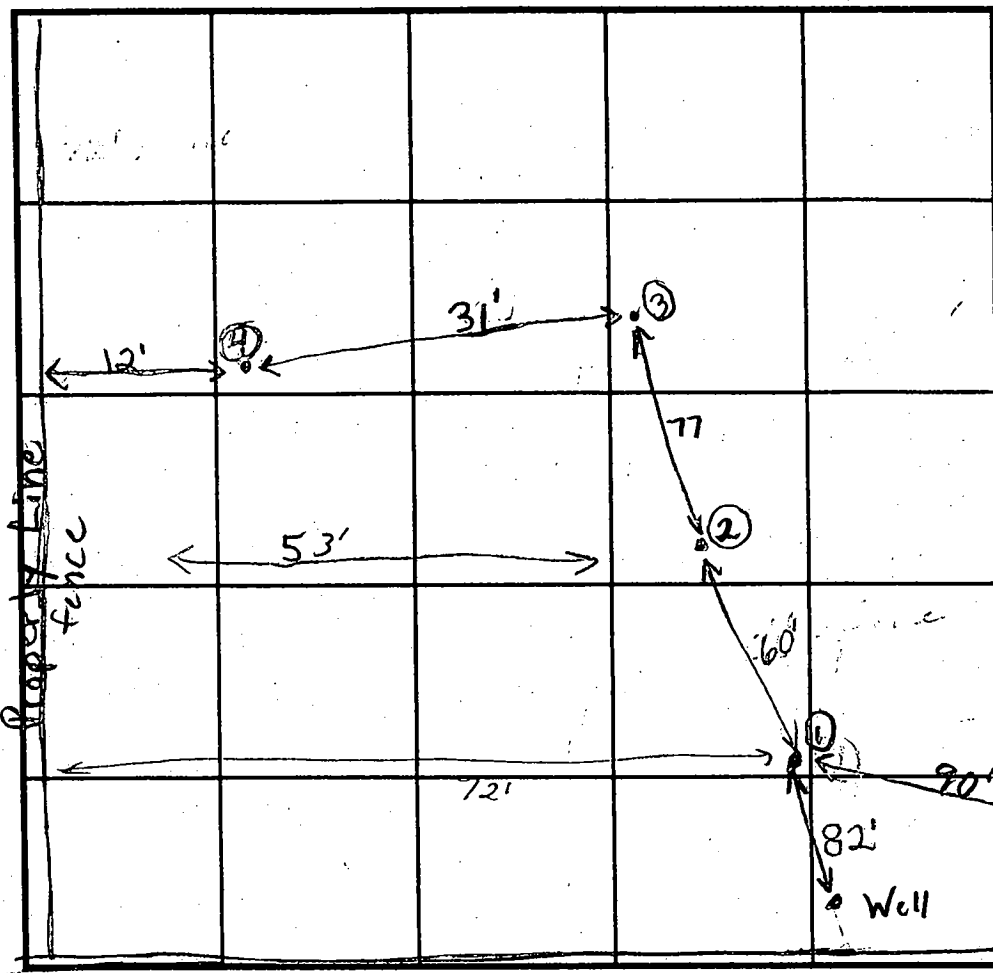
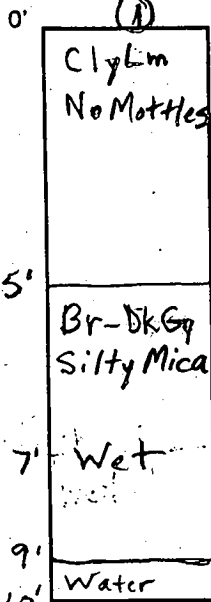
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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

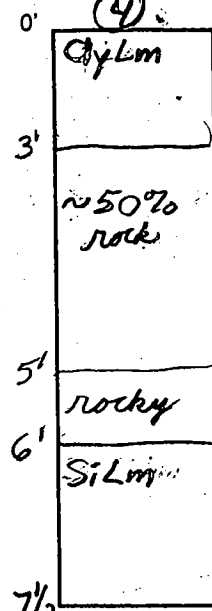
# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH-NAMES ADJOINING ROADWAY AS BASE LINE.  
Mink Hollow Rd.

7' Lt Gy  
8' Roots  
Possible  
10' Moisture

③

ClyLm

2 1/2' SaLm

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/8/99	1	30"	11:24	12:02	12:02	1:23	71
	2	54"	11:48	11:52	11:52	11:56	4
	2a	30"	12:07	12:10	12:10	12:13	3
	3	42"	12:57	12:59	12:59	1:01	2
	4	7 1/2'	O.K.				

REMARKS \_\_\_\_\_

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

TESTED BY Brian Baker (CWilliams) ALSO PRESENT JACOBS

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

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

# APPLICATION

PERCOLATION TESTING

A 5/27/22

P \_\_\_\_\_

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

*No records of Existing Home  
to be Demolished + Replaced by  
New 3 Bdrm Home*

DISTRICT \_\_\_\_\_

DATE 9/23/99

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*Test. Schedule date of Fri Oct 8, 1999  
10:AM confirmed to 5/99*

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Timothy Jacobs

ADDRESS 7093 Mink Hollow Rd, Highland, MD 20997 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER PAUL J KNOX

ADDRESS \_\_\_\_\_ PHONE 410 360 3558

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION at Severe Bend in <sup>7093</sup> Mink Hollow Rd

TAX MAP 40 PARCEL # 15

SIZE OF LOT 3.2 ACRES TYPE BLDG. SINGLE FAMILY  
(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

0'

Empty rectangular box for soil profile notes.

Empty rectangular box for soil profile notes.

Empty rectangular box for soil profile notes.


SOIL PROFILE

0'

Empty rectangular box for soil profile notes.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

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

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

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

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

Sept 23, 1999

TO: HOWARD County Health Dept  
BUREAU of ENVIRONMENTAL Health  
3525-H ELLICOTT Mills Dr.  
ELLICOTT City MD 21043

FROM: Timothy Jacobs  
7093 Mink Hollow Rd  
Highland, MD 20777

This is a proposal for a new dwelling  
to be built at 7093 Mink Hollow Rd.

The existing building will be occupied  
until completion of the new dwelling.

Upon completion of the new  
dwelling, the pre-existing dwelling will  
be demolished.

Please refer to the map for  
location of existing buildings as well  
as approximate location of existing  
well and septic system.

As Agent for Tim Jacobs P.K.

PAUL J. KNOX



L. G. KNOCH, JR.  
MECHANICAL CONTRACTOR  
1393 OGG DRIVE  
WESTMINSTER, MARYLAND 21157  
410-876-6920  
FAX: 410-848-9529

September 16, 1999

Timothy I. Jacobs  
7093 Mink Hollow Rd.  
Highland, Maryland 20777

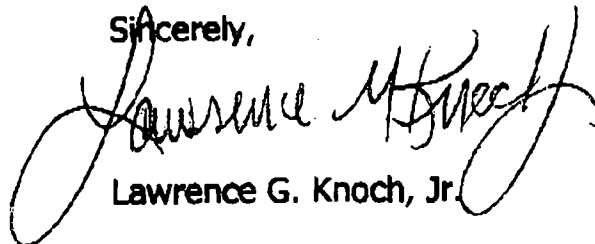
RE: Septic Certification

Dear Mr. Jacobs:

This letter is to notify you that on this date I inspected the septic system located at the above address and found it to be in satisfactory working order. I am a licensed master plumber, license #6526.

If you should have any questions, please do not hesitate to contact my office. It has been my pleasure serving you.

Sincerely,



Lawrence G. Knoch, Jr.

LGK/kjk

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3926-W National Millie Drive  
Baltimore City, MD 21208

913-2440

APPLICATION FOR PIPLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer L.G. KNOCH, JR.

Telephone 410-874-0920

License Number 6526

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner TIMOTHY JACOBS

Telephone \_\_\_\_\_

Subdivision \_\_\_\_\_ Lot # \_\_\_\_\_ Well Tag # \_\_\_\_\_

Site Address 3926-W National Millie Drive

PUMP

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible
- 2. Make Goulds
- 3. Model # 5060572R
- 4. Capacity 5 GPM
- 5. Pump exceeds well capacity Yes \_\_\_\_\_ No
- 6. If Yes, is low pressure cutoff device installed? Yes \_\_\_\_\_ No \_\_\_\_\_
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards  Other \_\_\_\_\_

MOTOR

- 1. Horsepower 1/2
- 2. RPM 3720
- 3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220

PIPLESS ADAPTER

- 1. Make Shawcross Steel
- 2. Model # \_\_\_\_\_
- 3. Depth 4 feet

TANK

- 1. Capacity 30 Gallons
- 2. Pressure relief valve?

PIPING

- 1. Type Poly
- 2. Size 200 PSI
- 3. NSF and/or BSCA Code approved Yes
- 4. Depth of supply line 4 feet

WELL DATA

- 1. Depth 25 ft.
- 2. Yield 30 gpm
- 3. Static water level 10 ft.
- 4. Will water supply be disinfected by installer? Yes

11/19/99  
40 ft low  
grade  
conduit

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

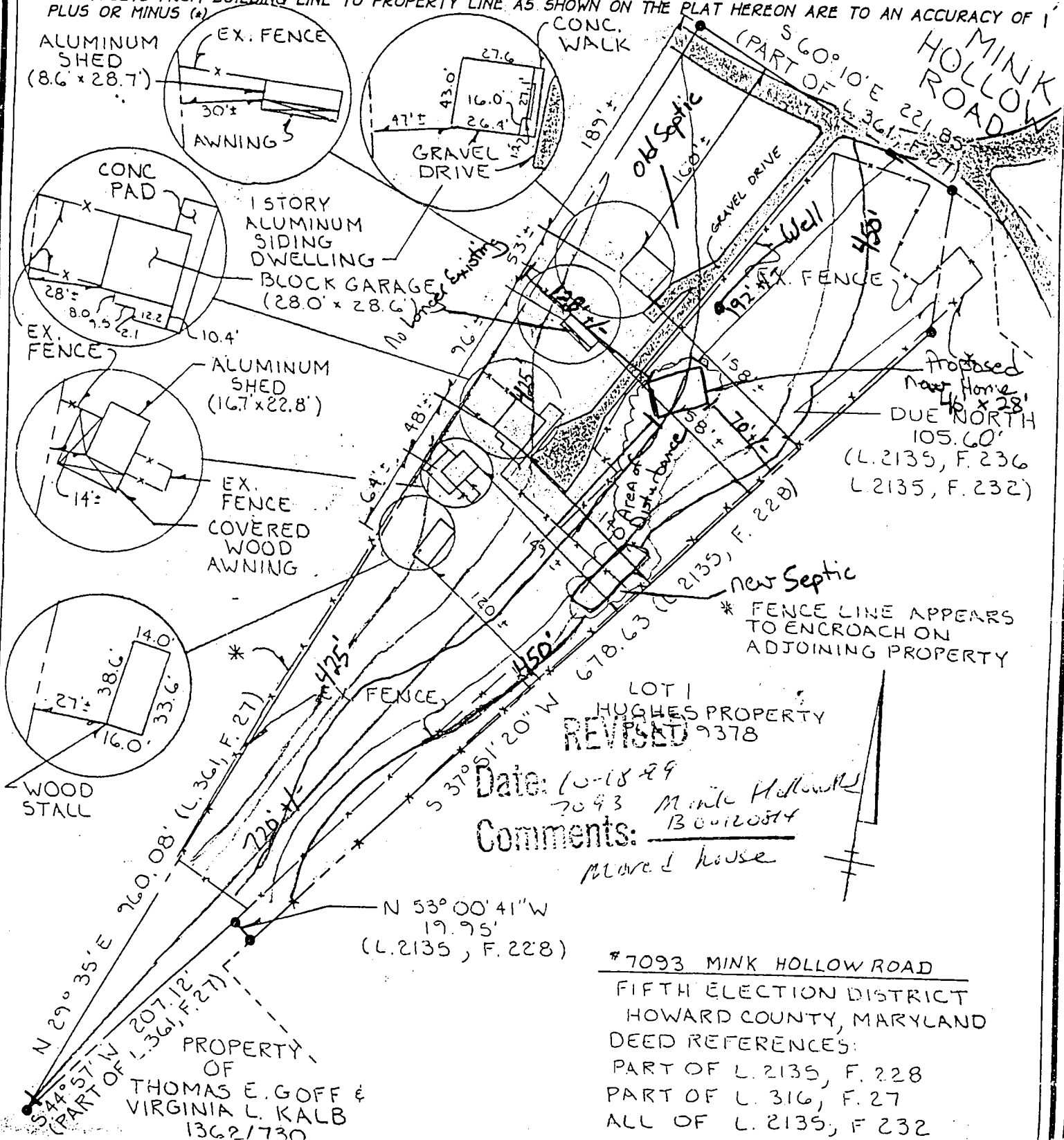
Signature of Applicant: L. G. Knoch, Jr.

Date: 12/13/99

Note: A sticker indicating approval status of the installation will be placed on the well casing at the time of the inspection.

# GENERAL NOTES:

- 1) THIS PLAT 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 RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT 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 IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF EXISTING OR FUTURE IMPROVEMENTS. IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR 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 DATE: DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1 PLUS OR MINUS (2)



REVISED

Date: 10-18-89

Comments:

7093 Mink Hollow Rd  
Moved house  
1300120814

#7093 MINK HOLLOW ROAD  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 DEED REFERENCES:  
 PART OF L. 2135, F. 228  
 PART OF L. 361, F. 27  
 ALL OF L. 2135, F. 232

PROPERTY OF  
 THOMAS E. GOFF &  
 VIRGINIA L. KALB  
 13621730

Timothy Jacobs

10/18/99

\$625.00  
cash

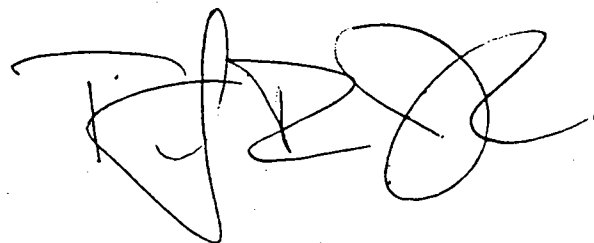
CR 25285  
10-18-99

2093 Mink Hollow Rd

Highland MD 20777

Permit # B00120814

\* Revised location of proposed  
new home. Moved approximately  
25' further away from Road.

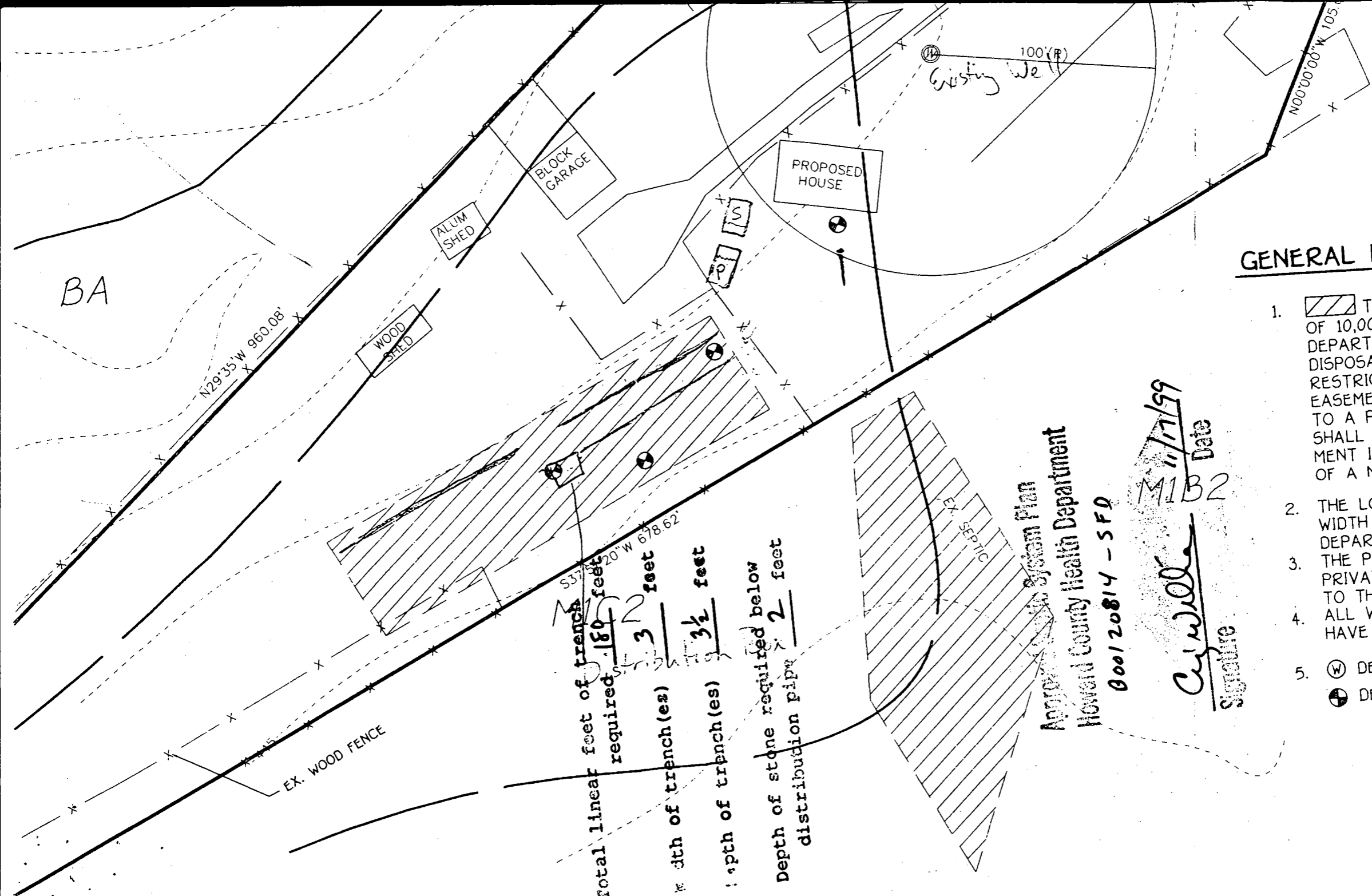


ph# 301-854-9634




CA# 410-320-2610

CC: Planning & Zoning  
Engineering  
Sediment Control  
Plan Review  
Health Dept

Approved  
Diana Nassar  
10-25-95



**GENERAL NOTES:**

1.  THIS AREA DESIGNATE OF 10,000 SQUARE FEET AS DEPARTMENT OF THE ENVIR: DISPOSAL. IMPROVEMENTS O RESTRICTED UNTIL PUBLIC EASEMENTS SHALL BECOME TO A PUBLIC SEWERAGE S SHALL HAVE THE AUTHORIT ENT INTO THE PRIVATE S OF A MODIFIED SEWERAGE
2. THE LOT SHOWN HEREON C WIDTH AND LOT AREA AS DEPARTMENT OF THE ENVIR
3. THE PURPOSE OF THIS PL PRIVATE SEWERAGE EASEM TO THE LOCATION SHOWN
4. ALL WELLS AND SEPTIC S HAVE BEEN SHOWN.
5.  DENOTES WELL LOCAT  
 DENOTES PERC HOLE

Total linear feet of trench required 180 feet  
 Depth of trench(es) 3 feet  
 Depth of trench(es) 3 1/2 feet  
 Depth of stone required below distribution pipe 2 feet

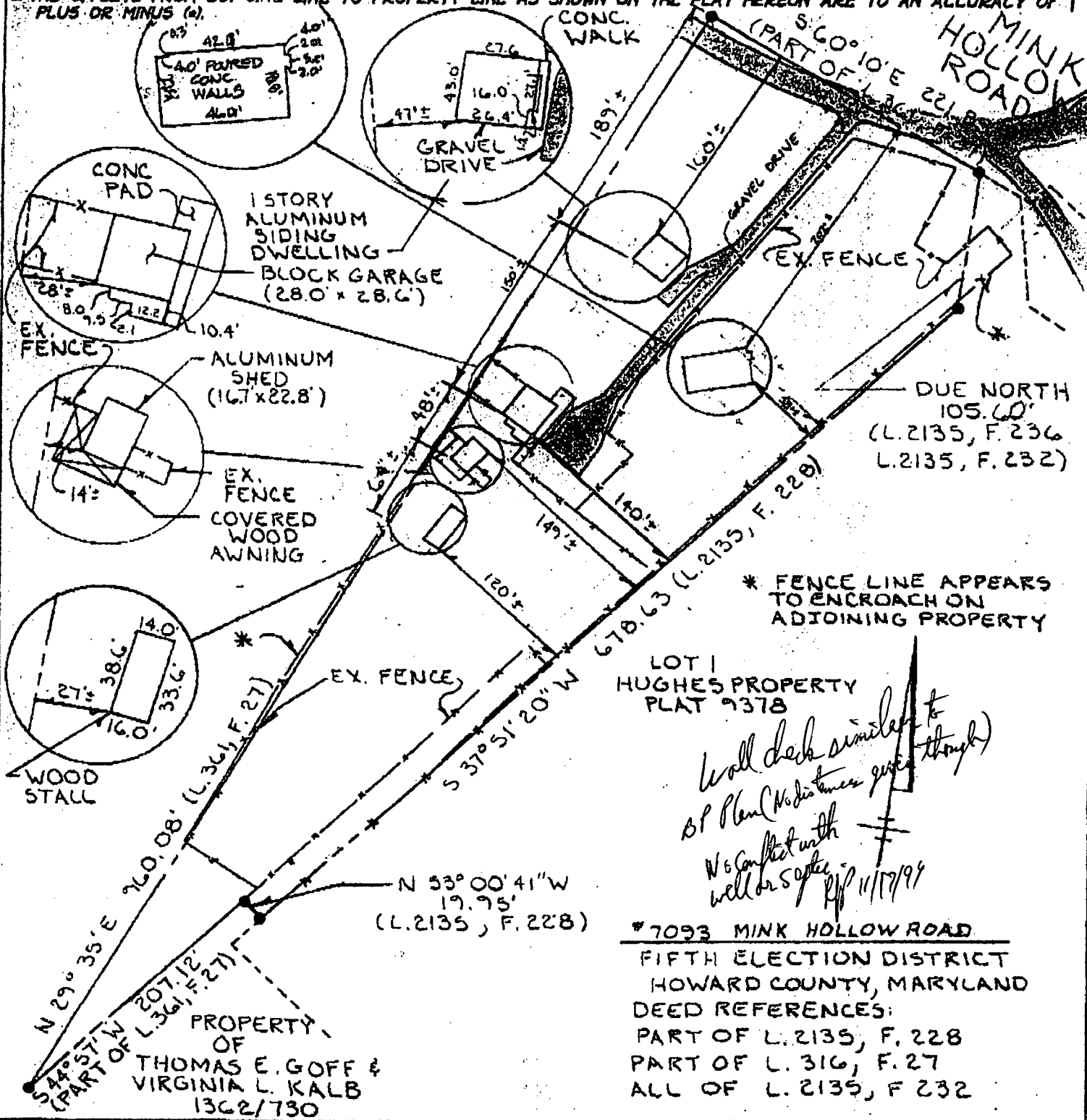
Approved Public System Plan  
 Howard County Health Department

000120814 - SFD

MIB2  
 Date 1/17/99  
 Signature C. J. Miller

### GENERAL NOTES:

- 1) THIS PLAT 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 RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT 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 PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE S ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440037B, EFFECTIVE DATE: 28.4.1996.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).



\* FENCE LINE APPEARS TO ENCRoACH ON ADJOINING PROPERTY

LOT 1 HUGHES PROPERTY PLAT 9378

*Wall check similar to OP Plan (No distances given though)  
No conflict with well or Septic  
RJC 11/17/99*

\* 7093 MINK HOLLOW ROAD  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DEED REFERENCES:  
PART OF L. 2135, F. 228  
PART OF L. 316, F. 27  
ALL OF L. 2135, F. 232

PROPERTY OF THOMAS E. GOFF & VIRGINIA L. KALB 1362/730

C1 **02344** SEQUENCE NO. (MDE USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN  
 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **A512722** **13**

ST/CO USE ONLY  
 DATE Received  
 MM DO YY  
 8 13

DATE WELL COMPLETED  
 MM DO YY  
 8 29 01

Depth of Well  
 22 500 26  
 (TO NEAREST FOOT)  
 Well #1  
 12/8/04  
 OK BB

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
 HD 94 3156  
 28 29 30 31 32 33 34 35 36 37

OWNER: Jacobs Timothy  
 STREET OR RFD 7093 Mink Hollow Rd. TOWN \_\_\_\_\_  
 SUBDIVISION \_\_\_\_\_ SECTION \_\_\_\_\_ LOT \_\_\_\_\_

**WELL LOG**  
 Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
soft brown dirt	0	25	
med soft tan rock	25	33	
soft tan rock	33	35	
hard tan rock	35	41	
hard gray rfock	41	42	
med hard/hard gray	42	168	X
med gray rock	168	169	
med hard green rfock	169	184	
med/med hard gray	184	185	
med hard/hard gray	185	203	
med gray rock	203	204	
med hard gray rock	204	206	
med/med soft gray	206	208	
med hard gray rock	208	339	
med green rock	339	340	X
med/med hard green	340	353	X
soft gray rock	353	355	X
med hard/hard gray	355	500	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
 TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT  CM BENTONITE CLAY  BC  
 NO. OF BAGS 10 NO. OF POUNDS 450  
 GALLONS OF WATER 60  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 36 ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER  
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)  
P 6 37  
 60 61 63 64 66 70

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

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

NUMBER OF UNSUCCESSFUL WELLS: 1±  
 WELL HYDROFRACTURED  Y  N

CIRCLE APPROPRIATE LETTER  
**A** A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
**E** ELECTRIC LOG OBTAINED  
**P** TEST WELL CONVERTED TO PRODUCTION WELL  
 I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

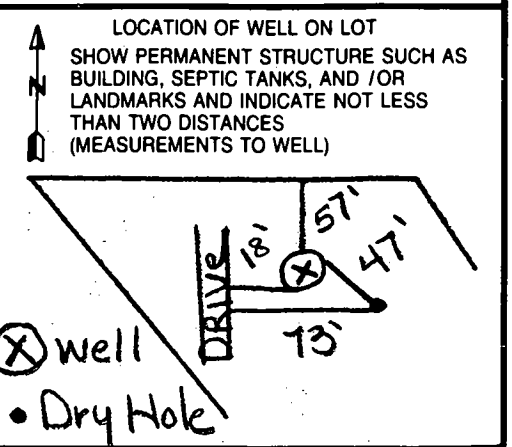
DRILLERS LIC. NO. MWD304  
Dave Kelly  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. MWD509  
Harvey W Knopp  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

**C 2**  
 DEPTH (nearest ft.)  
 T 1 HO 36 500  
 E A C H S R E E N  
 8 9 11 15 17 21  
 23 24 26 30 32 36  
 38 39 41 45 47 51  
 SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN (NEAREST INCH)  
56 60  
 from to

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

**C 3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) 6  
 8 9  
 PUMPING RATE (gal. per min.) 2 \* 14  
 11 15  
 METHOD USED TO MEASURE PUMPING RATE timer  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 3 ft.  
 17 20  
 WHEN PUMPING 450 ft.  
 22 25  
 TYPE OF PUMP USED (for test)  
 A air  P piston  T turbine  
 C centrifugal  R rotary  O other (describe below)  
 J jet  S submersible

**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. 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 } 1 (nearest foot)  
 49 50 51



200' dry hole A & S

JONES WELL DRILLING, INC.  
 3700 RUSH ROAD  
 JARRETTSVILLE, MD 21084  
 (410) 692-6981

Date Test Completed: 8-27-01

Page: 1

Well Depth: 500

Initials: MK

Permit No: HO-94-3156

Subdivision:

Section: Lot:

Road: 7093 MINK HOLLOW RD. / WELL #1

District:

	Time	Water Level Feet	Time to Fill 5-Gallon Bucket Seconds	Gallons Per Minute
1	9:00	3	20	15.00
2	9:15	165	25	12.00
3	9:30	273	31	9.68
4	9:45	369	36	8.33
5	10:00	450	133	2.26
6	10:15	450	125	2.40
7	10:30	450	128	2.34
8	10:45	450	130	2.31
9	11:00	450	134	2.24
10	11:15	450	135	2.22
11	11:30	450	133	2.26
12	11:45	450	136	2.21
13	12:00	450	134	2.24
14	12:15	450	137	2.19
15	12:30	450	135	2.22
16	12:45	450	137	2.19
17	1:00	450	136	2.21
18	1:15	450	137	2.19
19	1:30	450	137	2.19
20	1:45	450	135	2.22
21	2:00	450	136	2.21
22	2:15	450	138	2.17
23	2:30	450	135	2.22
24	2:45	450	136	2.21
25	3:00	450	137	2.19
26	3:15	450	133	2.26
27	3:30	450	135	2.22
28	3:45	450	138	2.17

**FUTURE PERFORMANCE MAY VARY FROM TESTED PERFORMANCE**

4:00

450

140

2.14

B 1	<b>8643</b>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND <b>PERMIT TO DRILL WELL</b> Please print or type <b>W515287</b>	STATE PERMIT NUMBER <b>H0-94-3156</b> <small>fill in this form completely</small>
-----	-------------	--------------------------------	--	---

Date Received (APA) **6/13/01**  
8 MM DD YY 13

**OWNER INFORMATION**

Last Name **Jacobs** Owner **Timothy** First Name **Timothy**  
15 84

Street of RFD **7093 Mink Hollow Rd**  
36 55

Town **Highland** Md 20777  
57 70 State 72 Zip 76

**LOCATION OF WELL**

COUNTY **Howard**  
8 21

SUBDIVISION \_\_\_\_\_ 42

SECTION \_\_\_\_\_ LOT \_\_\_\_\_  
44 46 48 50

NEAREST TOWN **Highland**  
52 71

MILES FROM TOWN (enter 0 if in town) **3** M I  
73 76 77 78

**DRILLER INFORMATION**

Driller's Name **Dave Kelly** License No. **MWD 304**  
76 81

Firm Name **Jones Well Drilling Inc**  
2087

Address **3700 Rush Rd Jarrettsville**  
Address

Signature **Dave Kelly** Date **6-11-01**  
Signature Date

**DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

11 30  
**7093 Mink Hollow Rd**

**ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)**

34 37  
DISTANCE FROM ROAD  
ENTER FT OR MI **60** FT

TAX MAP: **40** BLK: **7** PARCEL **15**

**WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.) **4**  
8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **400**  
14 20

**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

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

COUNTY NAME **Howard** COUNTY NO. **(13) A512722**  
COUNTY NAME COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S → 41

DATE ISSUED **7/25/2001** CO SIGNATURE **Brian Baber** EXP. DATE **7/25/2002**  
43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **488** 000 EAST GRID **802** 000  
50 55 57 63

APPROXIMATE DEPTH OF WELL **300** FEET  
24 28

APPROXIMATE DIAMETER OF WELL **6** INCH  
NEAREST TOWN

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

WRITE THE BOX NUMBER FROM THE MAP HERE

E **8002** 000  
N **4808** 000

**METHOD OF DRILLING (circle one)**

BORED (or Augered)  JETTED  Jettéd & DRIVEN

AIR-ROTary  AIR-PERCussion  ROTARY (Hydraulic Rotary)

CABLE  REVERSE-ROTary  DRIVE-POINT

other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**

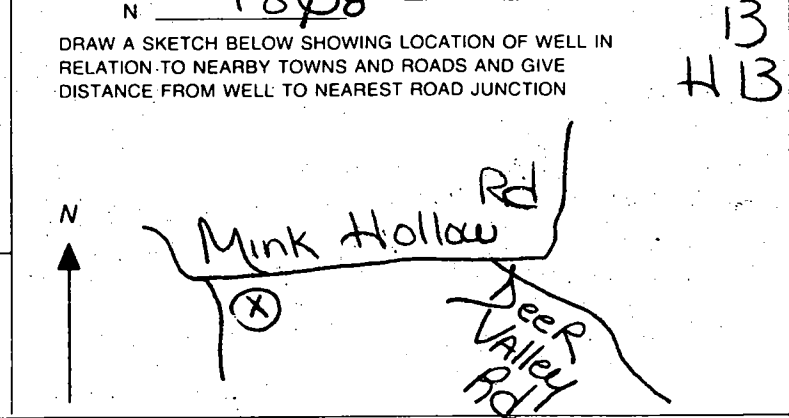
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_ 52



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

APPROX. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_

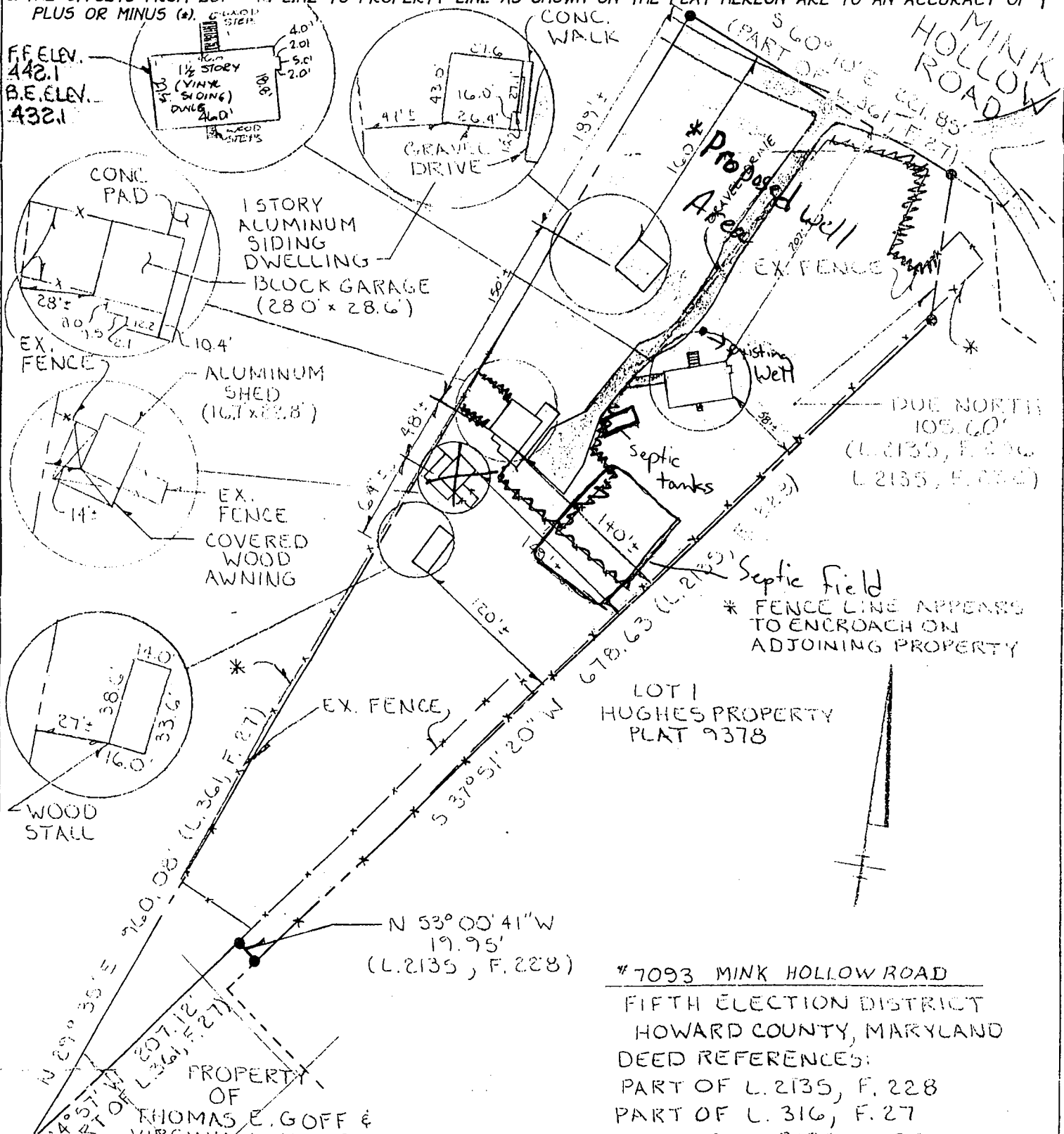
PERMIT No. **H0-94-3156**  
70 71 72 73 74 75 76 77 78 79

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

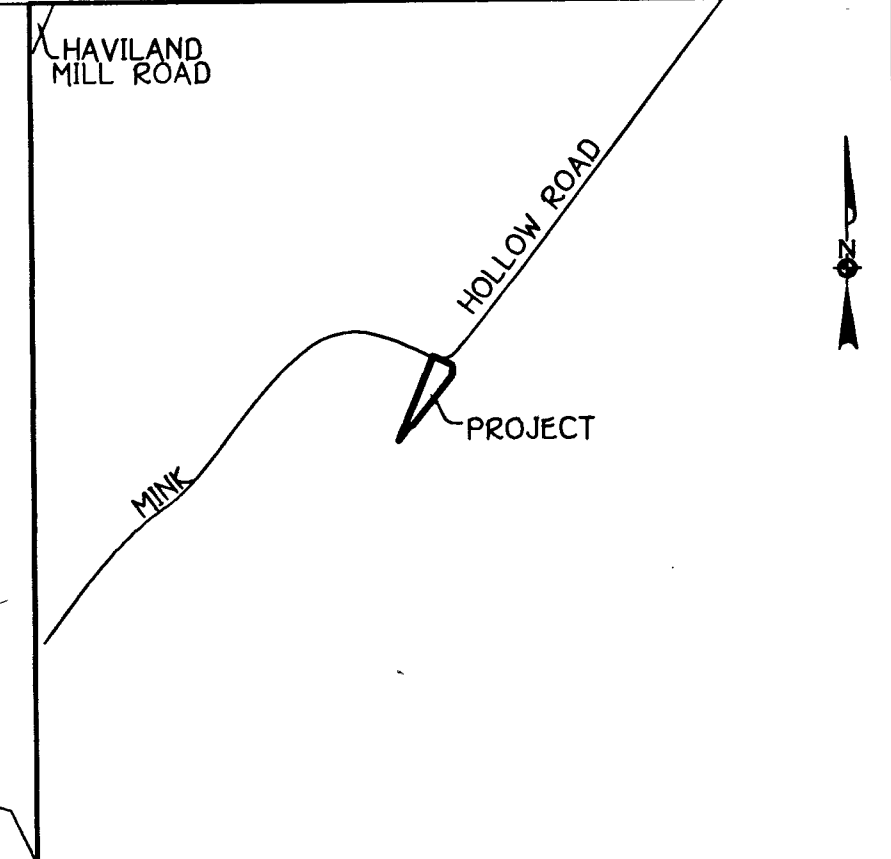
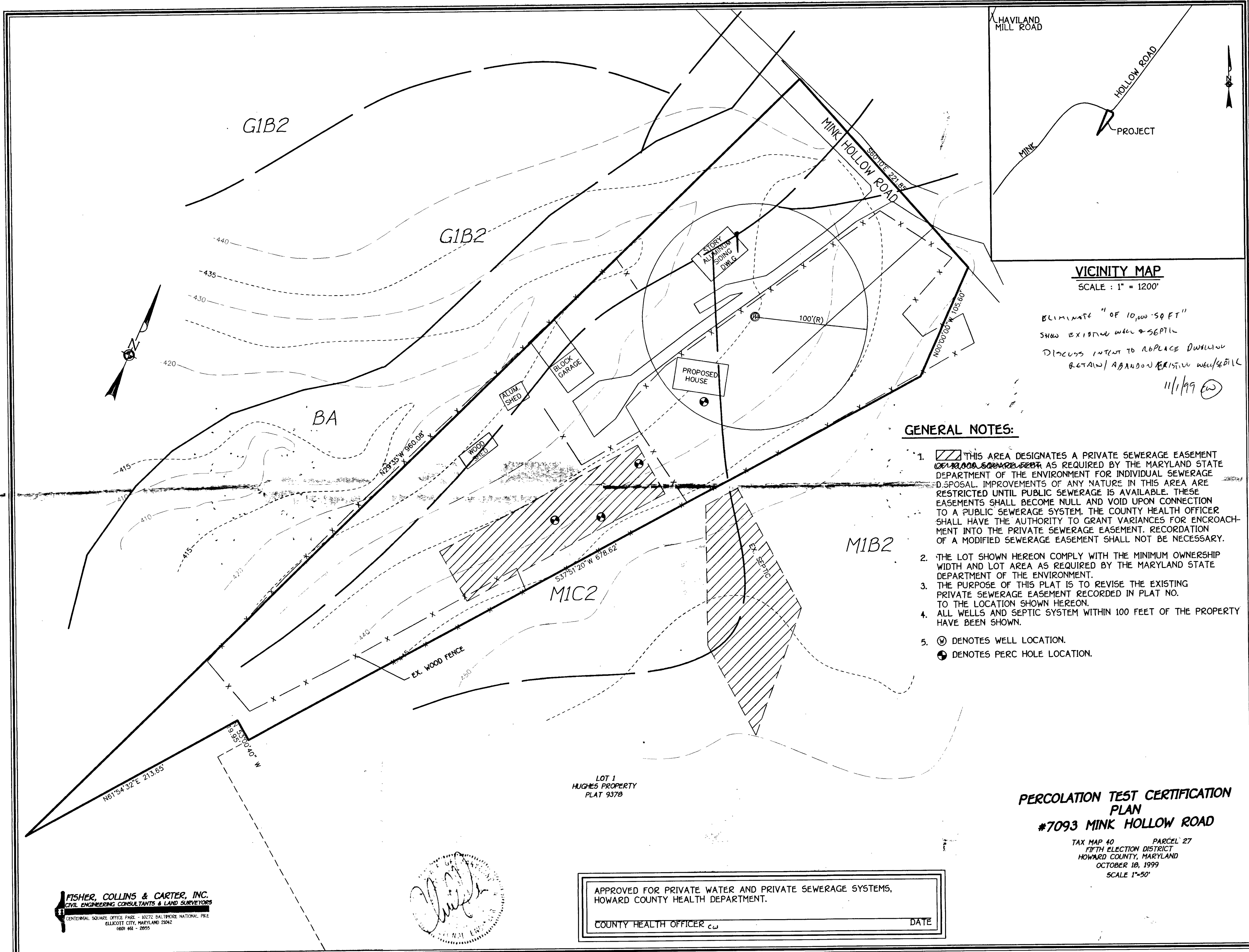
W 301-953-9241

# GENERAL NOTES:

- 1) THIS PLAT 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 RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT 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 PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR 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. 24009A000375, EFFECTIVE DATE: DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1 PLUS OR MINUS (±).



\* 7093 MINK HOLLOW ROAD  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 DEED REFERENCES:  
 PART OF L. 2135, F. 228  
 PART OF L. 316, F. 27



**VICINITY MAP**  
SCALE : 1" = 1200'

ELIMINATE " OF 10,000 SQ FT"  
SHOW EXISTING WELL & SEPTIC  
DISCUSS INTENT TO REPLACE DRAINAGE  
RETAIN/ABANDON EXISTING WELL/SEPTIC  
11/1/99 CW

**GENERAL NOTES:**

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. THE PURPOSE OF THIS PLAT IS TO REVISE THE EXISTING PRIVATE SEWERAGE EASEMENT RECORDED IN PLAT NO. TO THE LOCATION SHOWN HEREON.
4. ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
5. (W) DENOTES WELL LOCATION.  
(P) DENOTES PERC HOLE LOCATION.

LOT 1  
HUGHES PROPERTY  
PLAT 937B

**PERCOLATION TEST CERTIFICATION  
PLAN  
#7093 MINK HOLLOW ROAD**

TAX MAP 40 PARCEL 27  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
OCTOBER 18, 1999  
SCALE 1"=50'

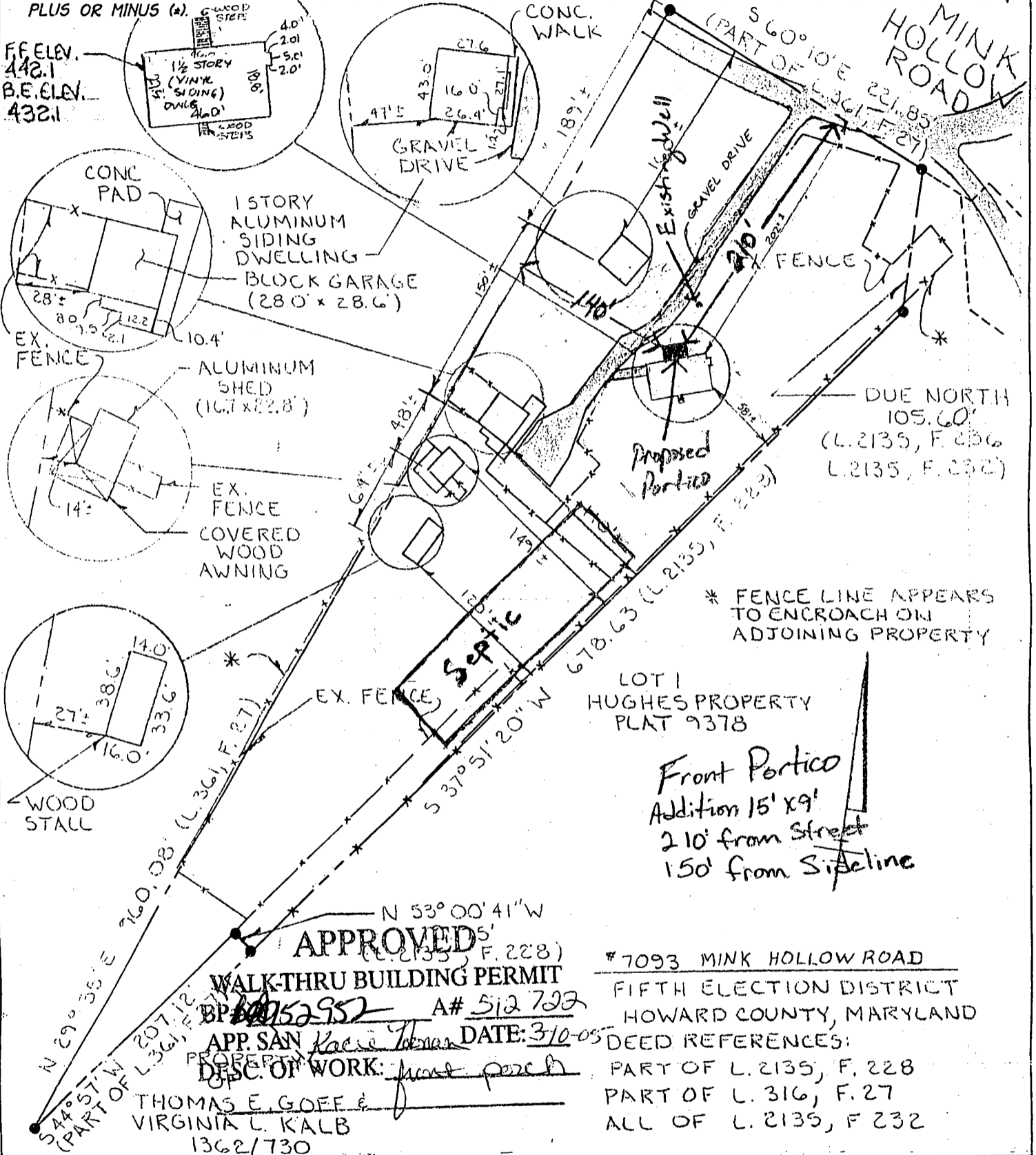
**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
(410) 461 - 2855



APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.  
COUNTY HEALTH OFFICER CW DATE

# GENERAL NOTES:

- 1) THIS PLAT 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 RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT 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 PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR 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. 2400440037E, EFFECTIVE DATE: DEC. 1, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (\*).



**APPROVED**  
 WALK-THRU BUILDING PERMIT  
 BP # 10152952 A# 512722  
 APP. SAN Rocio Torres DATE: 3-10-05  
 DISC. OF WORK: front porch  
 THOMAS E. GOFF &  
 VIRGINIA L. KALB  
 1362/730

# 7093 MINK HOLLOW ROAD  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 DEED REFERENCES:  
 PART OF L. 2135, F. 228  
 PART OF L. 316, F. 27  
 ALL OF L. 2135, F. 232

7093 Mink Hollow

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PKE  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461-2955

STATE OF MARYLAND  
 CHARLES S. CROVO, S.E.  
 PROFESSIONAL LAND SURVEYOR  
 No. 10763  
 REGISTERED

*[Signature]*  
 PROFESSIONAL LAND SURVEYOR  
 REG. # 10763

*[Signature]* 12/29/99  
 DATE

**HOUSE LOCATION DRAWING**

FOUNDATION LOCATION:  
 FINAL LOCATION: 12/27/99  
 BOUNDARY SURVEY:

SCALE: 1"=100'  
 DATE: 12/22/99  
 DRAWN BY: F.T.M./J.A.U.  
 CHECKED BY: M.L.R.  
 PROJECT No.: 91856