

7/26/99
12:00 C.O.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512029

A 59302

DISTRICT 4th

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

INDEXED
INDEXED

DATE 7/22/99

DATE SYSTEM APPROVED 7/27/99

INSPECTOR M.R. Skin

04-390264

Jack Fyock Septic Service IS PERMITTED TO INSTALL ALTER

ADDRESS P.O. Box 89, Glenelg, MD 21737 PHONE 410-988-9270

SUBDIVISION Welling Property LOT 1 ROAD 13700 Old Frederick Road

PROPERTY OWNER James H. Welling, Jr.

ADDRESS

TANK SEAMED SEPTIC TANK
SEPTIC TANK CAPACITY 1000 GALLONS

PUMPED SEPTIC SYSTEM

INSTALL: 1000 Gallon Top Seamed Pump Pit
NOTES: ---Septic pump detail to be provided by installer prior to issuance of septic permit.
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

NUMBER OF BEDROOMS 3
210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 390 feet down the left (653.58') lot line and 45 feet off this lot line. Run the first trench along contour towards the left lot line, and additional trenches in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK KM 10/20/98

PLANS APPROVED BY Glen Savage DATE 10-07-98

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 25/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

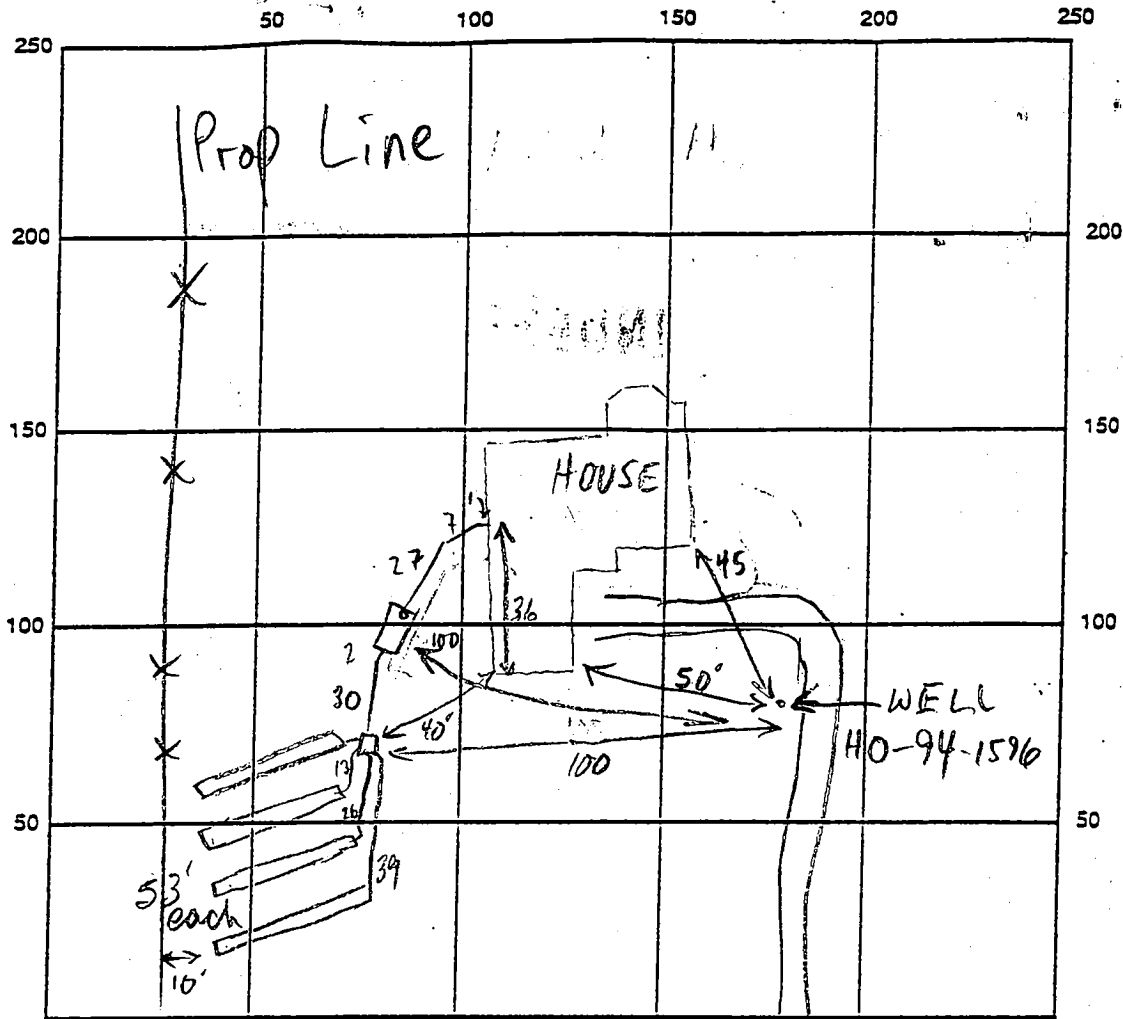
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

39602



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1000 GAL - TOP SEAMED CLEANOUTS S.T. - OK

DISTRIBUTION BOX LEVEL OK - Baffle in

DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2 - 3 FT.

EFFECTIVE GRAVEL DEPTH 10 - 1.5 FT. TOTAL LENGTH 212 FT.

NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~ BOTTOM AREA 636 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 7/22/99 owner wants to loose bsm't service & make gravity to DB - If this isn't possible he has okayed 2 septic tanks & gravity to 2nd 3rd
At 7/23/99 Site Insp. it is possible to set DB at high end of SDA & plot trenches toward the road - OK to install
only 1' of stone if necessary but do not lower 4' bottom

7/26/99 OK TO COVER ALL (MR)

DATE SYSTEM APPROVED 7/26/99 INSPECTOR M. Ripkin

APPLICATION

HOWARD COUNTY

SERIAL NUMBER

PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

1250
B0013986

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)
13700 Old Frederick Road 3-7318
Sykesville, MD 21784

GRADING/SEDIMENT CONTROL YES NO SDP #

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
1	312			14		
SUB DIVISION		ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.	
Walker Dawson		RC-DEO	9	4	6040	

DESCRIPTION OF WORK AUTHORIZED
New Single Family Dwelling
2 STORIES w/ RAISED
ATTACHED GARAGE FOUNDATION
4 BR ROOMS 3 BATHS ESSENTIAL

OWNER NAME AND ADDRESS
James H. Welling, Jr.
13802 Old Frederick Rd.
Sykesville, MD 21784
PHONE NO. 410-489-7705
paper 410-395-9398

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
WITH DOCK			

OCCUPANT'S NAME AND ADDRESS
Cura
PHONE NO.

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS			
ROOMS			
BATHS			
FIREPLACES			

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
Fisher Collins & Carter
10272 Baltimore Nat'l Pike
Ellicott City, MD 21042
PHONE NO. 410-461-2855

FOOTINGS	FOUNDATION	S. WALLS

CONTRACTOR'S NAME AND ADDRESS
Hank's Custom Carpentry
13802 Old Frederick Rd
Sykesville, MD 21784
PHONE NO. 410-489-7705

UTILITIES				
WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT. AC
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OIL <input checked="" type="checkbox"/>

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

EXISTING USE
Vacant lot
PROPOSED USE
Single Family Dwelling

James H. Welling, Jr.
SIGNATURE
OWNER
DATE 9-8-98

EST. CONSTRUCTION COST
\$200,000
LICENSE NUMBER
PERMIT FEE

W/S CODE FOR OFFICE USE ONLY James H. Welling, Jr.

DISTANCE IN FEET FROM RW LINE TO FRONT BUILDING LINE
SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)
TO SIDE BUILDING LINE
DISTANCE IN FEET, REAR YD. REQUIRING SET
BACK (CORNER LOT ONLY)

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	10/7/98	<i>Healy</i>
FIRE PROTECTION		
STORM WATER MGMT.		

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.
Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED. APPROVED DATE

LP-69-591
Distribution of Copies:
White - Building Official
Green - Planning & Zoning
Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

Cash
Rockwood plg 410-8574148
**51*
A

1-27-98
10:00 am

APPLICATION

59302

A 59302

P _____

PERCOLATION TESTING

PROPOSAL IS TO DEMOLISH EXISTING HOUSE (BUILT 1910) AND BUILD MODERN HOME IN DIFFERENT LOCATION, NO SUBJECT TO 10 K DET REQUIREMENT NEW WELL PROVIDED, APPLICANT MAY WANT TO KEEP EX. WELL - T.O.D. *ff*

DISTRICT _____

DATE 1/8/98

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 James H. Welling, Jr

ADDRESS 13802 Old Frederick Rd PHONE 410-489-7705
Pager # 410 395-9398

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WA LOT NO. #1 EXISTING

ROAD AND DESCRIPTION 13700 Old Frederick Rd

TAX MAP #9 PARCEL # 312

SIZE OF LOT 3,00 TYPE BLDG. _____

BLDG. PERMIT SIGNED
AND RETURNED 10-7-98
Serial # 250 113986
SFD - 4Bum
(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. James H. Welling, Jr
(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

A59302

COUNTY #

SOIL PROFILE

NOTE:
USE CHECKED
HOLES

ORANGE
LOAM

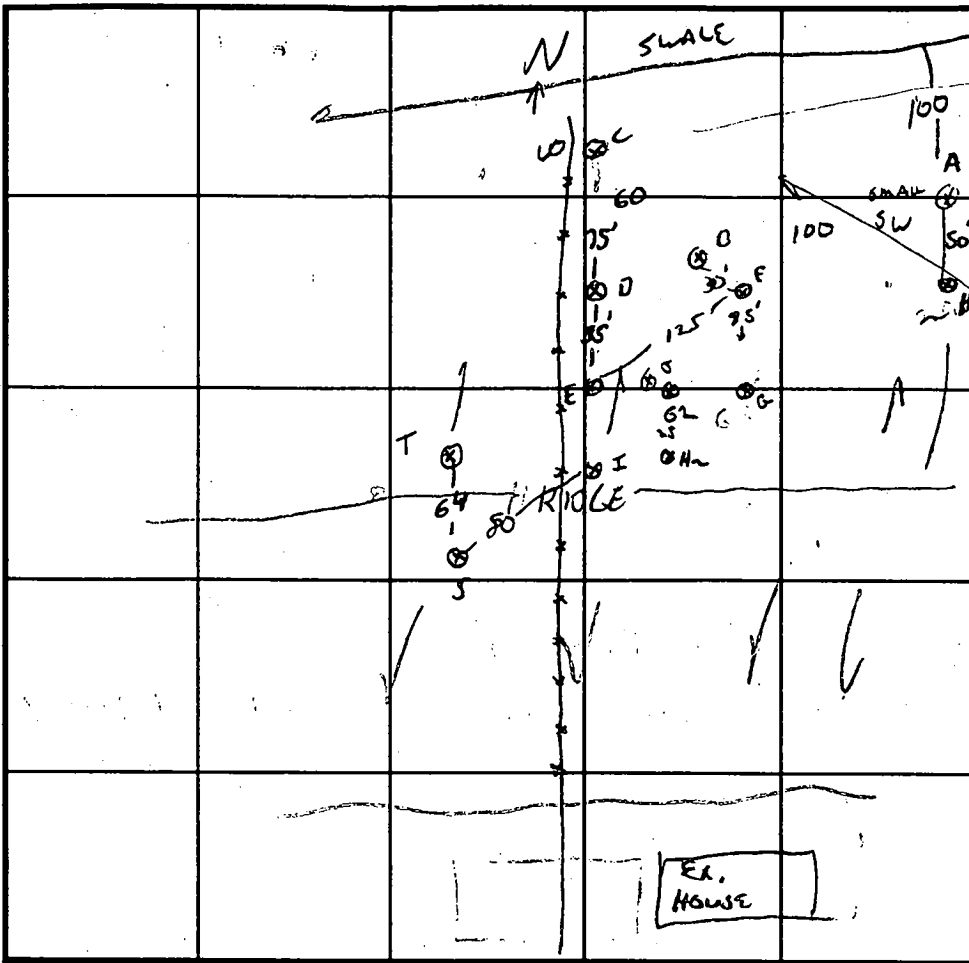
3
YELLOWISH
BROWN
SANDY LOAM

TAN/GREY
SL
5% ROCK

0+A

2
DARK BR
LOAM

4
TAN
SANDY
SANDY LOAM
5% ROCK



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
RY 99

SOIL PROFILE

DARK ORANGE
LOAM

TAN/GREY
SL

5% ROCK

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/21/98	A	8.5	H2O	REDOX FEATURES	START @ 6'		F
	B	4' 10"		50% COBBLE			F
	C	"	"	"			F
	E	10'	V				OK
	F	3.5 / 10	10:26	10:28		10:30	2MIN
	G+G2	2' + 6'	ROCK				F
	H H2	0 R	SOLID ROCK 8'				F
	H2	3' ROCK					F
	S	4 / 10' 6"	1:09	1:11	1:17	1:17	6MIN
	T	8.5 V	≥ 50% ROCK @ 5'				F

REMARKS SHEET 1062, D SIMILAR TO C

TYPE OF SOIL _____

TESTED BY G. SAUAGE

ALSO PRESENT K & K EXCAVATING

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____

TRENCH WIDTH _____

INLET DEPTH _____

MAXIMUM BOTTOM DEPTH _____

SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 59302

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT _____

DATE 1/8/98

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER JAMES H. WELLS JR

ADDRESS 13802 OBERLIN RD PHONE 410-489-7705

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. EXISTING

ROAD AND DESCRIPTION _____

TAX MAP 9 PARCEL # 312

SIZE OF LOT 3AL TYPE BLDG. SFD
(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 _____

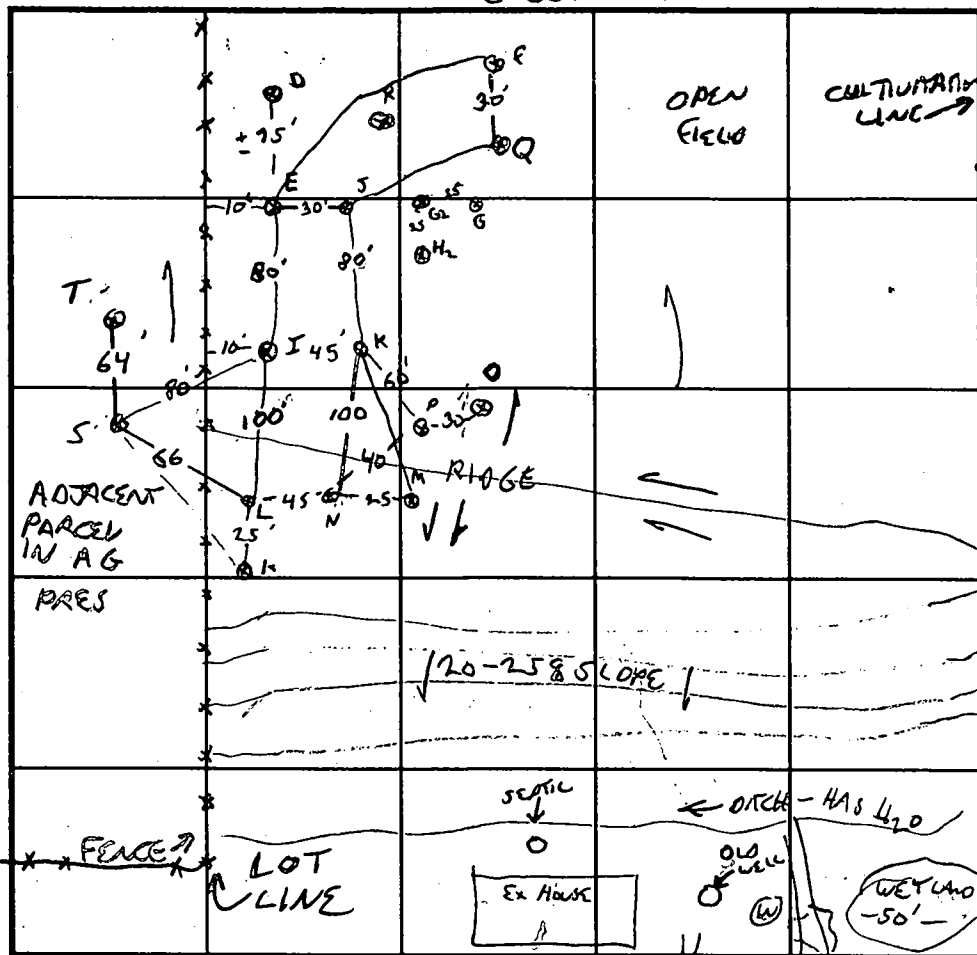
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

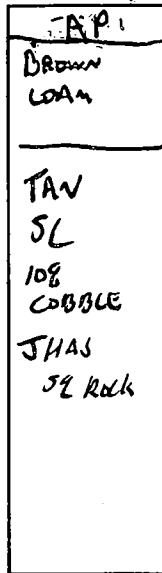
THIS IS NOT A PERMIT

SOIL PROFILE

NOTES
USE CHECKED
HOLES



SOIL PROFILE



OLD WELL HAS
H2O AT 3' ±
DRILLED WELL (W)
PRE-DATA
RECORDS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
ROUTE 99

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/27/99	J	3/10V	11:07	11:21		11:43	22MIN
	I	3/10V	11:14	11:17		12:3	6MIN
	K	4'/10V	11:47	12:00		12:23	23MIN
	L	10V	VISUAL	OK			OK
	M	6'	Rock				F
	N	4'/10	12:02	12:24		12:54	30MIN
	O	3	≈ 50%				F
	P	6	Rock				F
	Q	3/19	12:27	12:31		2:48	17MIN
	R	9.5V	40% Rock	6-9	OK		OK

REMARKS N HAS 45% UNCONSOLIDATED ROCK (K) @ 7' 12:51-12:53-12:56 = 3MIN

TYPE OF SOIL SEPTIC EX. EXISTING HOME IS PROBABLY IN WATER TABLE

TESTED BY G. SAUGE ALSO PRESENT K&K EXCAVATING

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15MIN TRENCH WIDTH 3

INLET DEPTH 2 MAXIMUM BOTTOM DEPTH 4 SQ. FT./BEDROOM 20

A 59302

SUBDIVISION: WELWAB PROP LOT OF RECORD

LOT NUMBER:

DRY WELL OR DRY WELL AND TRENCH

TOP SEAM TANK
+ TOP SEAM 1000 GALLON PUMP PIT

3 bedroom

4 bedroom

5 bedroom

LIMITED

3 BEDROOM HOUSE

sq. ft./bedroom
Minimum Total Square Feet

AREA
MAXIMUM

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

Trench to be 3' wide.

Inlet 2 feet below original grade.

Bottom maximum depth 4 feet below original grade.

Effective area begins at 4 feet below original grade.

2 feet of stone below distribution pipe.

210 sq. ft./bedroom
70' PER BEDROOM = 210' TRENCH
3 BEDROOM MAX -
AREA AVAILABLE SUPPORTS
+ 670' TRENCH

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: PLACE THE DISTR. BOX 390' DOWN THE LEFT (653.58')
LOT LINE, AND 45' OFF THIS LOT LINE RUN THE FIRST TRENCH
ALONG CURVE TOWARDS THE LEFT LOT LINE, AND
ADDITIONAL TRENCHES IN BOTH DIRECTIONS. Jt 10.7.98

10/63

PERMIT

approved
11/20/63
A 06885

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT

DATE 7/1/63

INDEXED

Howard Triplett

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

A SEWAGE DISPOSAL SYSTEM LOCATED AT 1302 Old Frederick Rd, 1 mile east of Poolesville Rd, on left
tenant house

SUBDIVISION _____ ROAD _____ LOT _____

PROPERTY OWNER John Walker

ADDRESS Langley Walker Duvall

SPECIFICATIONS

DRAIN FIELD 2 DEPTH _____ FEET. BOTTOM AREA 300 SQ. FT.

SEWAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 720 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 25% & TANK CAPACITY 50%.

OTHER Place tile field 120 to 140 ft. east back of house and 100 ft. from
190 ft. from barbed wire fence in hay field.

A sewage pump will be required to pump the sewage to the area that
passed the test.

PLANS APPROVED BY Raymond Hedges DATE 6/19/63

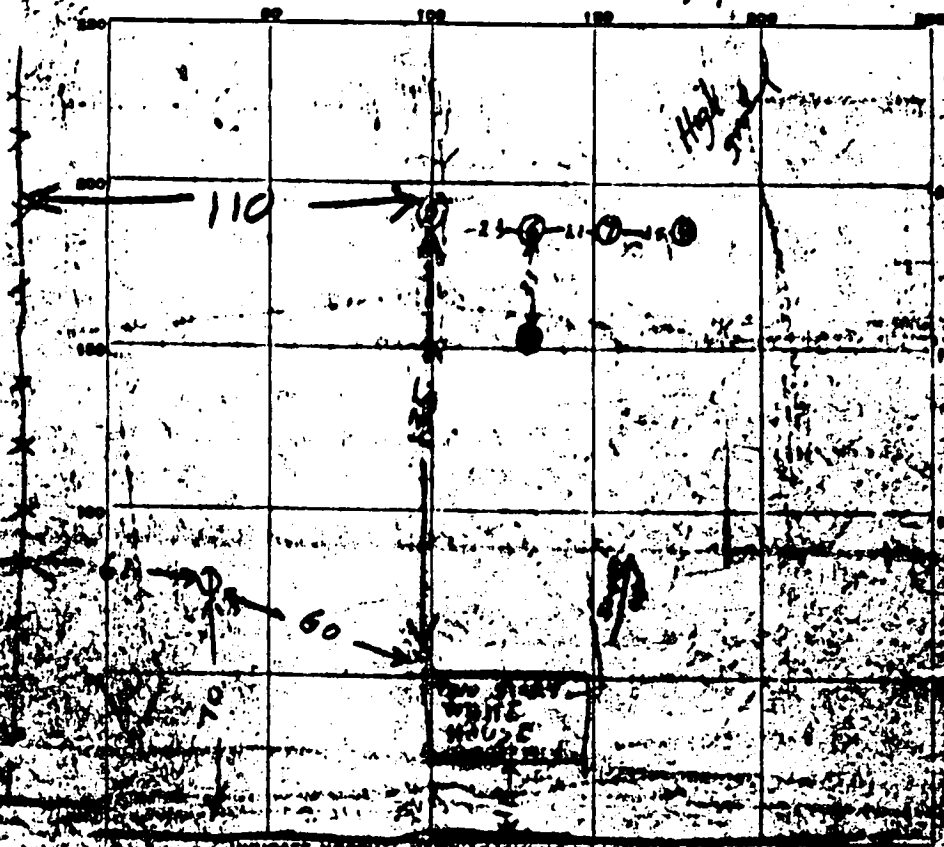
FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

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

8/11/79 OK. G.C.G. K.D.
HOUSE HAS BEEN VACANT FOR OVER SIX WEEKS.

A 06885

A# 06885



DATE: 6-13-63

TEST NO. DEPTH PRELIMINARY START STOP TEST START STOP

1	7	UNDERGROUND WATER AT STOP				
2	5	SOLID ROCK IN BOTTOM OF WELL				
3	3 1/2	10.551 15 1st and 2nd				
4	5 7	UNDERGROUND WATER AT STOP				
5	8	BOTTOM OF SAND				
6	3 1/2	12.57 103 103 124				
7	4	100 101 101 105				
8	4 1/2	101 119 119 133 104				
9	4	103 122 122 153 31				

SOIL AUGER FINDING

TESTED BY Raymond Hodges 6-13-63

REMARKS Hill 5 is higher than house

ALSO PRESENT Walter M. Swore LOT NO.

State Office Building
ANNAPOLIS, MARYLAND 21401

STATE OF MARYLAND
DEPARTMENT OF
WATER RESOURCES

NOT BE SUBMITTED
WITHIN 30 DAYS
AFTER COMPLETION
OF THE WELL

Walker M. Dawson WELL COMPLETION REPORT A#06885

WELL DESCRIPTION

A WELL LOG
State the kind of formations penetrated, their color, their depth, their thickness, and if water-bearing

B CASING AND SCREEN RECORD
State the kind and size and position of casing, liner, shoe, screen, and other accessories (if no casing used, give diameter of well).

FEET from 0 to 445	Casing and Screen Record	DIAM. (inches)	FEET from 0 to 143
0 - 6'	40' 8" steel on Pipe	6 1/4"	0 - 46'
6' - 30'			46' - 143'
30' - 143'			
143' - 445'			

WB 45

WB 130

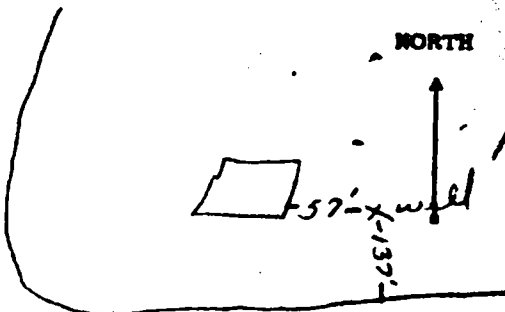
Permit Number 40-20-10-10
Owner Walker M. Dawson
Address 1430
Subdivision 1430
Section 1430
County Permit Number PUMPING TEST
Hours Pumped 8
Type of Pump Used Hand
Pumping Rate 130
Gallons per Minute 130

WATER LEVEL
Distance from land surface to water 130
Below Pumping 130
When Pumping 130

APPEARANCE OF WATER
Clear Cloudy
Taste 130
Odor 130
Height of Casing Above Land Surface 130

PUMP INSTALLED
Type 130
Capacity 130
Gallons per Minute 130
Gallons per Hour 130
Pump Column Length 130

LOCATION OF WELL ON LOT
Show permanent structures such as building(s), septic tank, and/or other landmarks and indicate not less than 2 distances (measurements) to well.

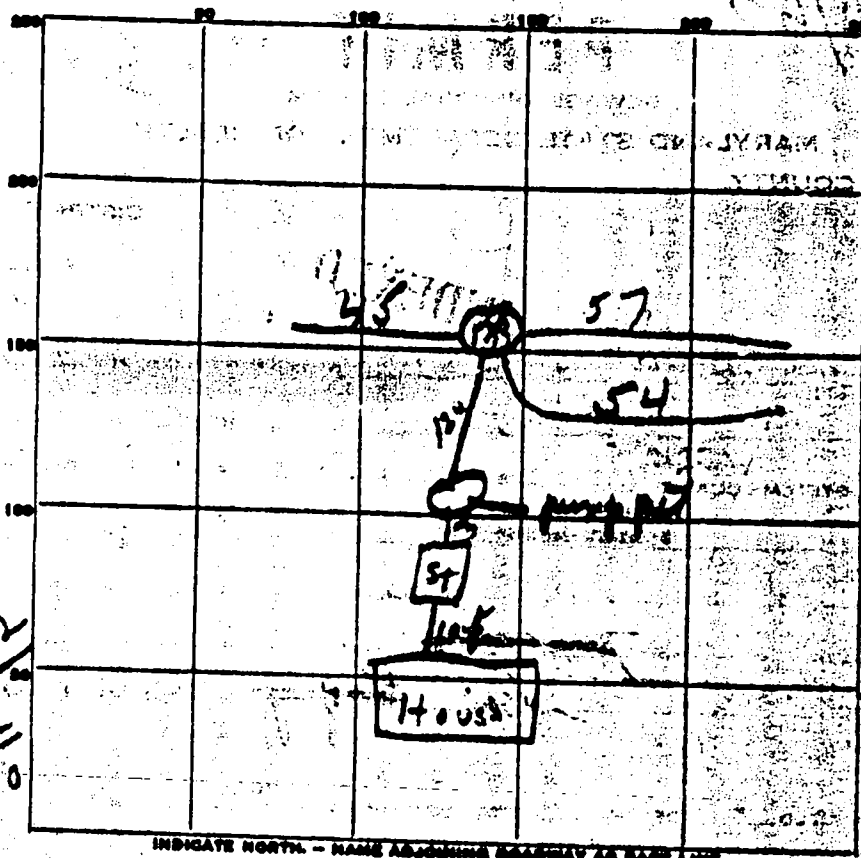


DATE WELL WAS COMPLETED

I hereby affirm that this report contains no willful misrepresentations or falsifications and that information given in this report is true, accurate and complete to the best of my knowledge and belief.

Dan Jones, Well Driller
Well Driller License No.: 168

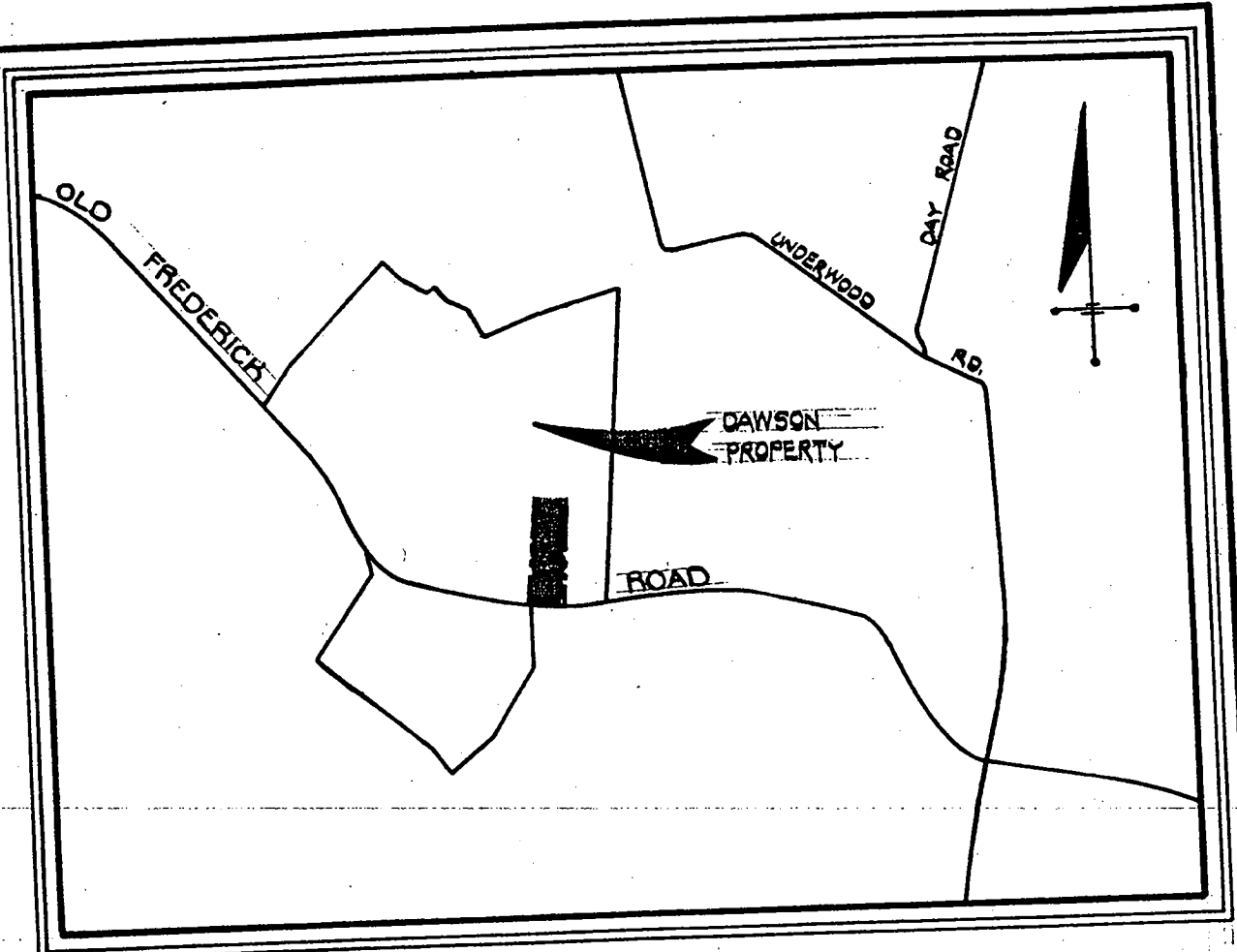
36
 4
 65
 59
 54
 156
 0 1/2
 37
 390



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD not granted
 SEPTIC TANK, LEVEL OK CLEANING OK
 DISTRIBUTION BOX, LEVEL OK
 TILE FIELD, DEPTH 263 FT. TRENCH WIDTH 2 1/2 FT.
 GRAVEL DEPTH 12 IN. TOTAL LENGTH 156 FT.
 NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 390 sq ft
 SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS _____



VICINITY MAP

Scale: 1" = 100'

NOTES

1. The lot shown hereon complies with minimum ownership width and lot area as required by the Maryland State Department of Health and Mental Hygiene.
2. This Final Plat is subject to V.P. 79-65.
3. Existing structure on Lot
4. Subject property zoned Rural per 10-3-77 Comprehensive Planning

RECEIVED
JAN 8 1998

MARYLAND COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

DAWSON



④

⑤

$S79^{\circ}04'07"E=101.58'$

60'

Manor Loan

Building
Restriction
Line

Proposed
New septic

MILAWSON
7654

Proposed New
House

Lot 1
3.000 Ac.

$N11^{\circ}43'01"E=678.60'$

653.49'

$S11^{\circ}43'01"W=678.60'$

653.49'

Proposed
New well

30'

30'

Existing Septic

4"x4" Conc. Man.

Existing House
Existing well

4"x4" Conc. Man.

③

Existing 30' Right
of Way

$N79^{\circ}04'07"W=101.58'$

②

⑥

$N79^{\circ}04'07"W=101.58'$

①

Old Frederick Road

OLD FREDERICK ROAD

Land dedicated to Howard Co., Md.
For the purpose of a Public Road 2116 Act

75'

135'

25.29'

45'

25.20'



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

September 16, 1998

MEMORANDUM

TO: James H. Welling, Jr.
13802 Old Frederick Road
Sykesville, MD 21784
FROM: Donna K. Soe, R.S.
Water and Sewerage Program
RE: BP# B00113986
13700 Old Frederick Road

Handwritten notes: 9/30/98 DISCUSSED w/ JHE Welling SHE IS CONSIDERING EXPERT TO ENLARGE SOA OR REVISE PLAN. OTHER ISSUES CAN BE RESOLVED w/ NEW SITE PLAN

This office has recently received the above referenced building permit application. However, we are unable to approve the application at this time for the following reason(s):

- No water supply has been established to serve the proposed dwelling.
No septic elevations have been provided on the site plan submitted.
Incorrect septic specifications utilized in proposed septic system design.
No invert elevation(s) provided for:
Proposed house to less than feet.
X Existing well to septic tank, dist. box less than 100 feet.
Sewage easement location/configuration incorrect.
X Other: 1) invert at dist. box should be 2 feet below original grade; 2) according to signed Perc. Cert. Plan, maximum number of bedrooms the approved septic area can accomodate is 3 bedrooms.

If you have any questions or concerns, please contact Donna K. Soe at (410) 313-2640.

Enclosure
cc: file, Fisher, Collins & Carter

LOT 1 WILLINK

APPLICANT WISHES TO SWITCH TO
GRAVITY SYSTEM AS ORIGINALLY
PROPOSED, BELIEVED IT COULD BE
DONE BUT WASN'T KNOWLEDGEABLE
ENOUGH TO PROVE IT OVER THE PHONE.

I SUGGESTED THEY SCHEDULE A
MEETING TO DISCUSS & EXCHANGE
INFO IF IT WORKS OUT THE WAY

THE





HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer
February 3, 1998

Mr. James H. Welling
13802 Old Frederick Road
Sykesville, Maryland 21784

RE: Percolation Test Results Application No. A59302
Proposed Use: Establish SDA for Lot of Record
Property ID: 13700 Old Frederick Road
Tax Map: 9 Parcel Number: 312

Dear Mr. Welling:

Percolation testing conducted January 27, 1998 on the above referenced property indicated limited satisfactory soil conditions. The primary limiting factor is shallow depth to rock encountered in numerous locations. Shallow depths to water table was also encountered in one location. Copies of the percolation test results are enclosed.

Approval is contingent upon demonstration of sufficient septic area to support the proposed dwelling with an initial septic system and one future repair.

Further review is contingent upon submission of a percolation certification plan showing the following information:

- field confirmed locations & elevations of all excavated test holes
- a suitable house site
- a suitable well site
- location of existing wells and septic systems that are on the property
- show all existing structures on the property
- locations of existing wells and septic systems within 100 feet of property boundaries
- stream/swales/springs or any other relevant features
- contour lines

Please add the following note to the percolation certification plan:

1. The sewage easement to be staked prior to site grading and septic installation. Grading may not be within 20 feet of the sewerage easement without prior approval of the Howard County Health Department.
2. The two wells and septic system associated with the existing structure are to be abandoned prior to ^{in conjunction with} issuance of a demolition permit.

This plan should be submitted within 60 days to allow field verification if necessary.

If you have any questions regarding this matter, please contact me at the below address or by calling 410-313-2640.

Very truly yours,

Glen Savage, R.S.
Water and Sewerage Program

CC: FCC

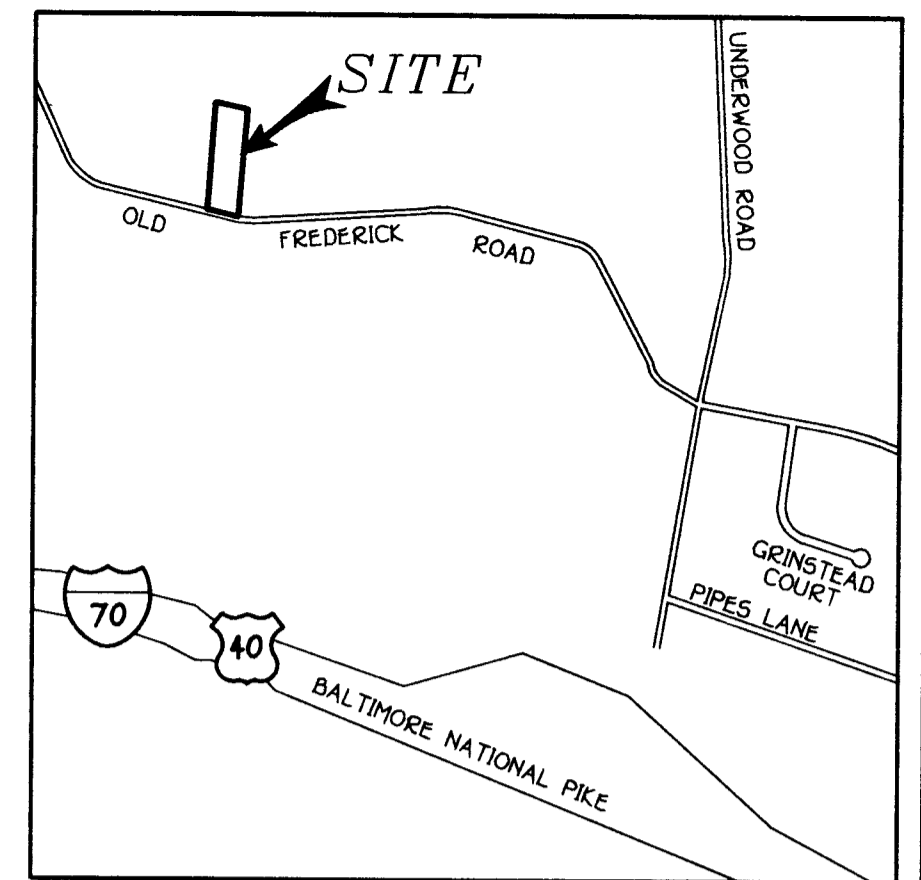
Enclosures

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323

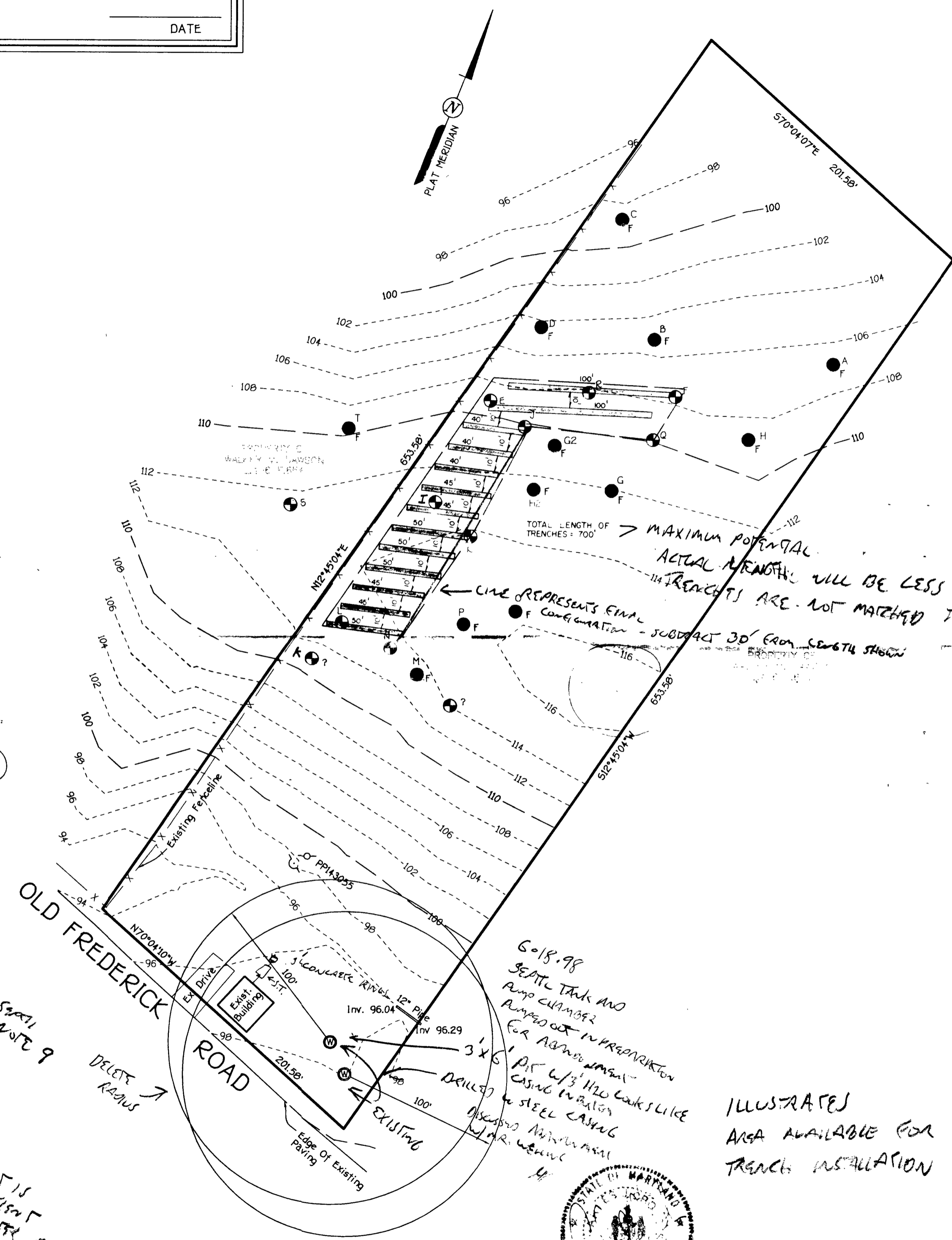
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER _____

DATE _____



VICINITY MAP
SCALE: 1" = 1200'



GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT 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. ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
4. DENOTES WELL LOCATION.
5. DENOTES PERC HOLE LOCATION. (PASSED)
6. DENOTES PERC HOLE LOCATION. (FAILED)
7. THE SEWERAGE EASEMENT TO BE STAKED PRIOR TO SITE GRADING AND SEPTIC INSTALLATION GRADING MAY NOT BE WITHIN 20 FEET OF THE SEWERAGE EASEMENT WITHOUT PRIOR APPROVAL OF THE HOWARD COUNTY HEALTH DEPARTMENT.
8. THE TWO WELLS AND SEPTIC SYSTEM ASSOCIATED WITH THE EXISTING STRUCTURE ARE TO BE ABANDONED PRIOR TO OR IN CONJUNCTION WITH ISSUANCE OF A DEMOLITION PERMIT.

10. OWNER & DEVELOPER:

JAMES H. WELLING
13802 OLD FREDERICK ROAD
SYKESVILLE, MD. 21784

- PROP. HOME SITE, NEW WELL SITE TO BE SHOWN
- EXISTING SEWER SYSTEM NOT SHOWN

ILLUSTRATES
AREA AVAILABLE FOR
TRENCH INSTALLATION

WORKING DOCUMENT 3/26/98
PERC CERTIFICATION PLAN
WELLING PROPERTY
700' TRENCH LAYOUT
REVIEW GS/CW

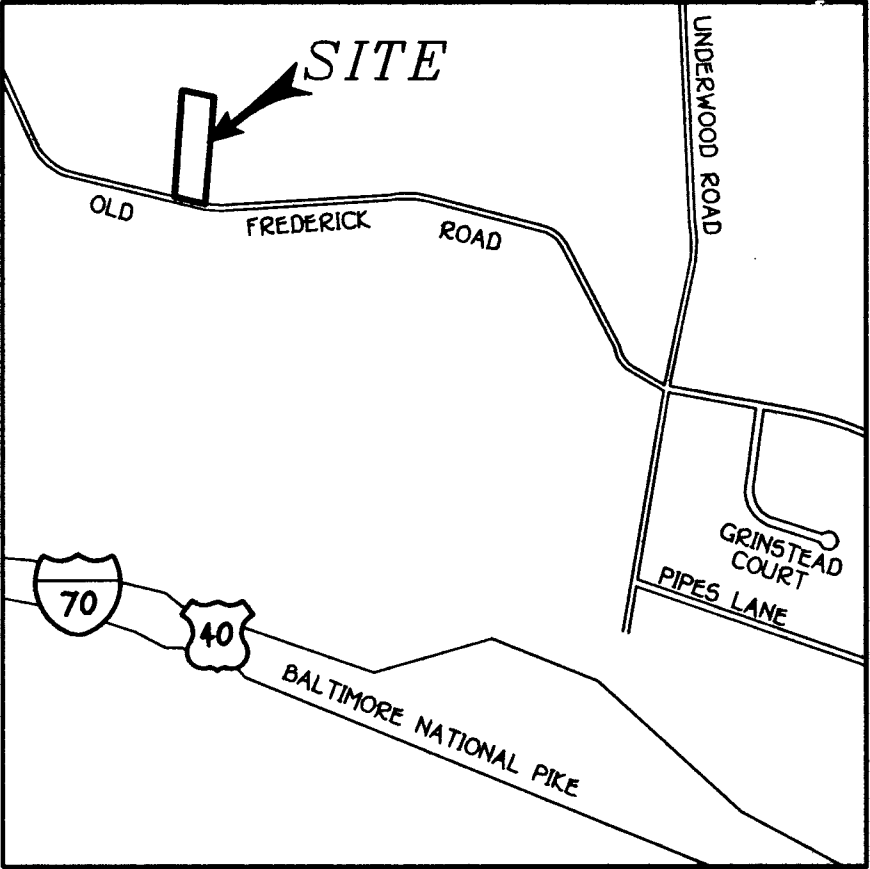


LABEL:
Hole Well Symbol
RESERVE NOTE 9
SPEAK TO EN. SEATL

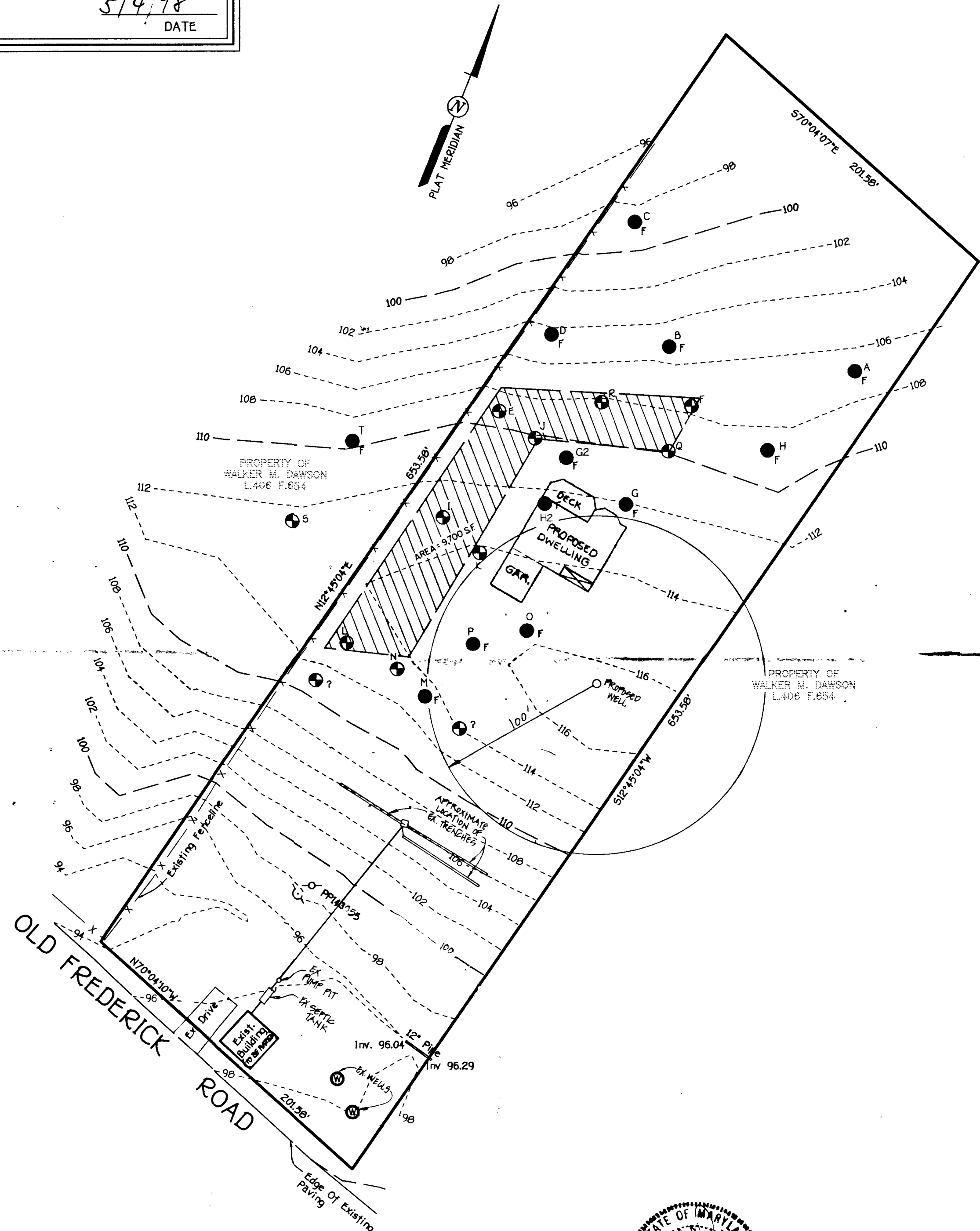
NOTE:
THE INTENT OF THIS DOCUMENT IS
TO EST. SITE CONDITIONS SUBJECT TO
REQUIREMENT OF
A PERMIT
NOT TO EXCEED
3 BEARINGS

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461-2955

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
Joyce M. Boyd
 COUNTY HEALTH OFFICER
 5/4/98
 DATE



VICINITY MAP
 SCALE: 1" = 1200'



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 JAMES H. WELLING
 13802 OLD FREDERICK ROAD
 SYKESVILLE, MD. 21784
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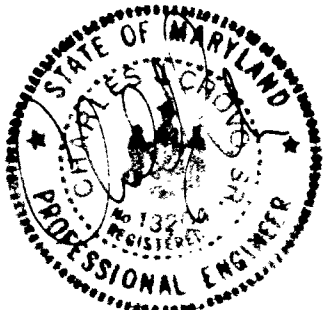
NOTE: THE INTENT OF THIS DOCUMENT IS TO ESTABLISH SITE CONDITIONS SUFFICIENT TO SUPPORT THE WASTEWATER DISPOSAL REQUIREMENTS OF A REPLACEMENT DWELLING NOT TO EXCEED 3 BEDROOMS.

PERC CERTIFICATION PLAN
 WELLING PROPERTY

LOT #1

TAX MAP #9 ZONED: RC-DEO PARCEL: 312 GRID: 14
 ELECTION DISTRICT 4 HOWARD COUNTY, MARYLAND
 SCALE: 1"=50' DATE: MARCH 2, 1998

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



C1 100
 SEQUENCE NO. (MDE USE ONLY)
 2 3 6

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

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.
 COUNTY NUMBER A-59302

ST/CO USE ONLY DATE Received MM DD YY
 DATE WELL COMPLETED MM DD YY
 06 30 98
 Depth of Well 22 280 26
 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL"
 HO 94 1596
 28 29 30 31 32 33 34 35 36 37

OWNER WELLING, JR. JAMES
 STREET OR RFD OLD FREDERICK ROAD TOWN SYKESVILLE
 SUBDIVISION WELLING PROPERTY SECTION _____ LOT 1

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	
DIRT	0	1	
SOFT BR. SCHIST	1	27	
GRANITE	27	48	
BR. & BLUE SCHIST	48	53	X
GRANITE	53	70	
HARD BR. SCHIST	70	71	X
GRANITE	71	75	
HARD BLUE & BR. SCHIST	75	77	X
GRANITE	77	158	
OPENING	158	159	X
GRANITE	159	260	
OPENING	260	261	
GRANITE	261	280	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box)
 YES Y NO N
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 20 NO. OF POUNDS 1880
 GALLONS OF WATER 120
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 54 ft.
 (enter 0 if from surface)
 48 TOP 52 54 BOTTOM 58 ft.

CASING RECORD
 casing types insert appropriate code below
ST STEEL CO CONCRETE
PL PLASTIC OT OTHER
 MAIN CASING TYPE S T Nominal diameter top (main) casing (nearest inch!) 6 Total depth of main casing (nearest foot) 58
 60 61 63 64 66 70

OTHER CASING (if used)
 diameter depth (feet)
 inch 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: 0
 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

C 2 DEPTH (nearest ft.)

DEPTH (nearest ft.)	1	2	3
H O	58	280	
1	8	9	11
2	23	24	26
3	38	39	41
4	45	47	51

SLOT SIZE 1 _____ 2 _____ 3 _____
 DIAMETER OF SCREEN (NEAREST INCH)
 from 56 to 60

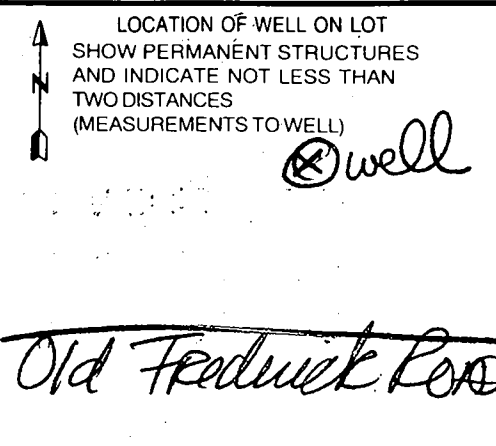
C 3 PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 8 9
 PUMPING RATE (gal. per min.) 8.5
 11 15
 METHOD USED TO MEASURE PUMPING RATE submersible
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 25 ft.
 17 20
 WHEN PUMPING 160 ft.
 22 25
 TYPE OF PUMP USED (for test)
A air P piston T turbine
C 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 2 (nearest foot)
 49 50 51

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. M W D 296
Ronald Kyker
 DRILLERS SIGNATURE
 (MUST MATCH SIGNATURE ON APPLICATION)
 LIC. NO. mpb 296
Ronald Kyker
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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



B 1 3638

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

Ho-94-1596

fill in this form completely

Date Received (ARA)

OWNER INFORMATION

Welling James Jr
13802 Old Frederick Rd
Sukesville Md 21784

B 3 HOWARD LOCATION OF WELL

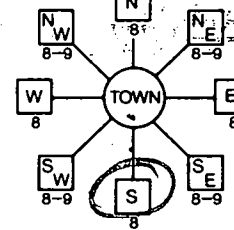
Welling Property
Sukesville

MILES FROM TOWN (enter 0 if in town) 4

DRILLER INFORMATION

Ronald Kyker MWD 296
Westminster Rotary Well Drilling
P.O. Box 861 Westminster Md 21158
Ronald Kyker 6/15/98

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Old Frederick Road

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

300 FT DISTANCE FROM ROAD

TAX MAP: 9 BLK: 14 PARCEL 312

B 2 WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN.
AVERAGE DAILY QUANTITY NEEDED 450 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD A-59302
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 6.18.98
CO SIGNATURE EXP. DATE 6.18.99
NORTH GRID 544 000 EAST GRID 803 000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
D THIS WELL WILL DEEPEMED AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

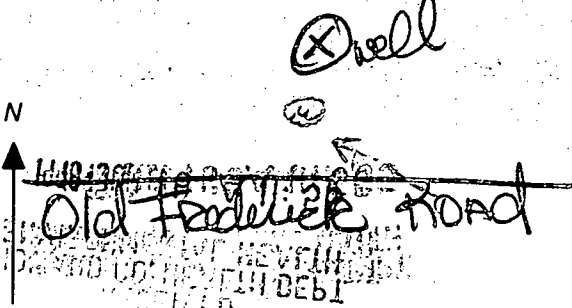
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. City
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE
E 8003
N 5404

6/29/98
20 BAGS LOCT
54' OPEN GROUT
58' CASING OK
2 CASES HO
VTAG OK 6/29/98

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



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

APPROX. PERMIT NUMBER G A P
FORCE 65 PERMIT No. HO-94-1596

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

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION
 2500 BROENING HIGHWAY, BALTIMORE, MARYLAND 21224, (410) 631-3784

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: August 7, 1993 (month/day/year)

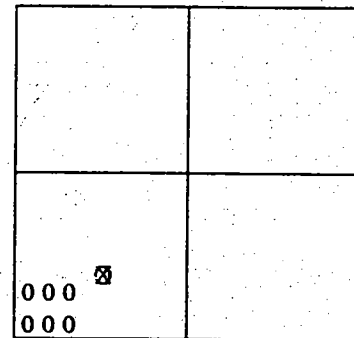
* PERMIT NUMBER OF ABANDONED WELL (if any) NONE

* PERMIT NUMBER OF REPLACEMENT WELL HC 94 1596

* PERSON ABANDONING WELL: Ronald Kyker WELL DRILLERS LICENSE NUMBER: MWD296

* OWNER'S NAME: James Welling, Jr. CIRCLE: MWD/MSD/MGD

* WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: Sykesville
 TAX MAP 9 BLOCK 14 PARCEL 312
 SUBDIVISION: Welling Property
 SECTION: _____ LOT: _____
 NEAREST ROAD: Old Frederick Road



SHOW WELL LOCATION BY X WITHIN BOX

MARYLAND GRID COORDINATES

BOX NUMBER
 E 300
 N 540

* TYPE OF WELL BEING ABANDONED:
 _____ DRILLED _____ JETTED
 _____ BORED/AUGURED x HAND DUG
 _____ OTHER (specify) _____

* USE CODE:
x DOMESTIC _____ MUNICIPAL/PUBLIC
 _____ IRRIGATION _____ INDUSTRIAL
 _____ TEST/OBSERVATION

* TYPE OF CASING:
 _____ STEEL _____ PLASTIC
 _____ CONCRETE _____ OTHER (specify)
 _____ NONE

* SIZE OF CASING: n/a INCHES IN DIAMETER

* DEPTH OF WELL: 15 FEET DEEP

* WAS ANY CASING REMOVED? _____ YES x NO
 if yes, length removed, in feet: _____

* WAS CASING RIPPED OR PERFORATED? _____ YES x NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Cement (2 yds)	0	15

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN
Ronald Kyker

MWD296
 LICENSE #

MWD/MSD/MGD
 CIRCLE ONE

Aug 14 98
 DATE



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer
June 30, 1998

Mr. & Mrs. James H. Welling, Jr.
13802 Old Frederick Road
Sykesville, Maryland 21784

Dear Mr. & Mrs. Welling:

This office has received your request to keep an existing drilled well for non-potable uses.

Your proposal is accepted subject to the following conditions:

- That no connection be made to any potable drinking water system.
- That you, as the well owner, follow the well owners responsibilities outlined in the annotated code of Maryland (COMAR) 26.04.04.10. (copy enclosed).
- If the proposed driveway for the new house will be closer than 15' from the well, it is suggested that you install posts or a similar barrier to protect the well casing from vehicular damage.

If you have any questions please feel free to contact this office at the address below.

Yours Truly,

Glen Savage, R.S.

GS:tl

enclosure

cc: File

Mr. and Mrs. James H. Welling, Jr.
13802 Old Frederick Road
Sykesville, MD 21784
June 29, 1998

Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, Maryland 2043-4544

To Whom it May Concern,

We are writing to you regarding our property located at 13700 Old Frederick Road in Sykesville, Maryland. We are in the process of demolishing an existing dwelling on that property and plan to apply for a building permit to build a new house in the near future. We would like to keep the well that provided for the old structure as a standby well, in addition to a new well that will provide for the new house. The standby well would be used for lawn maintenance including watering the grass, garden, and general landscaping upkeep. It would not be used for any kind of drinking water. We would plan to install a pump switch for the standby well in the new dwelling, that would be accessible only to adults, and we also believe that the location of the standby well is far enough away from the house for it to be any kind of safety risk for our children, or for the environment.

Included in this letter is a copy of our perc certification blueprint, that shows the location of the standby well and the new well, along with the old collapsed septic tank and a proposed, new septic system.

Your review of this matter is greatly appreciated and we will hope to hear from you soon.

Sincerely,

Hank Welling

Julie Welling

Hank and Julie Welling

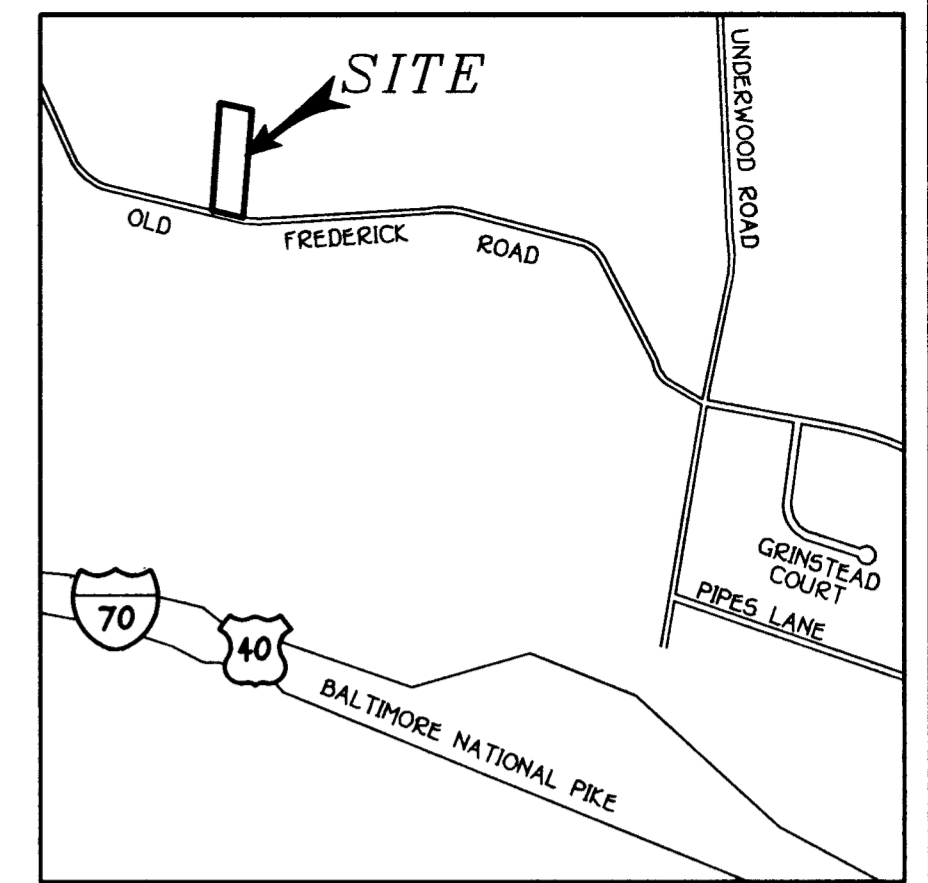
DESIRED WELL

NOTED ON ATTACHED PLAN

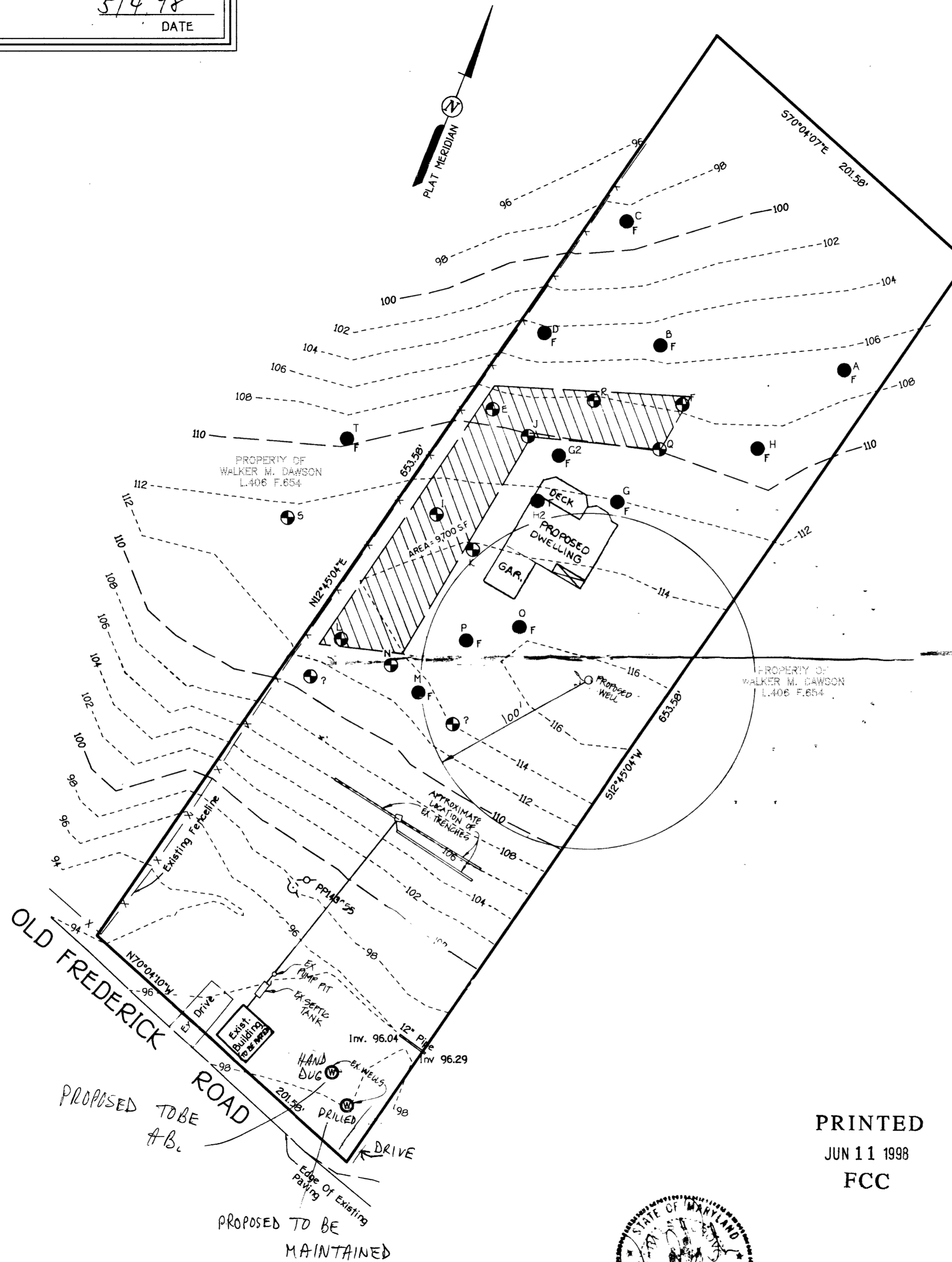
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

James M. Royal
COUNTY HEALTH OFFICER

5/4/98
DATE



VICINITY MAP
SCALE: 1" = 1200'



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PRINTED
JUN 11 1998
FCC

PERC CERTIFICATION PLAN
WELLING PROPERTY

LOT #1

TAX MAP #9 ZONED: RC-DEO PARCEL: 312 GRID: 14
ELECTION DISTRICT 4 HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: MARCH 2, 1998



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

C-5829

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Hills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 7-29-99

Name of Installer D.B. ROCKWOOD PLUMBING

Telephone 410-857-4648

License Number 08439
Certified Well Pump Installer _____

Well Driller _____ Registered Plumber

Name of Property Owner James H. Welling, Jr.
Subdivision Walker Dawson Lot # _____
Site Address 13700 OLD FRED RD.

Telephone 410-484-7705
Well Tag # HD-9415-96

1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible
2. Make Jacuzzi
3. Model # 73410-11
4. Capacity 5 ~~7.5~~ GPM

Motor
1. Horsepower 3/4
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter
1. Make STANMOS
2. Model # PT800
3. Depth 52"

5. Pump exceeds well capacity Yes _____ No
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arresters _____ Cable guards _____ Other

Tank
1. Capacity 30 gal
2. Pressure relief valve? yes

Piping
1. Type Polly
2. Size 1"
3. NSF and/or BOCA Code approved
4. Depth of supply line 265'

Well data
1. Depth 285 ft.
2. Yield ~~7.5~~ GPM 8.5
3. Static water level 235 ft.
4. Will water supply be disinfected by installer?

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.

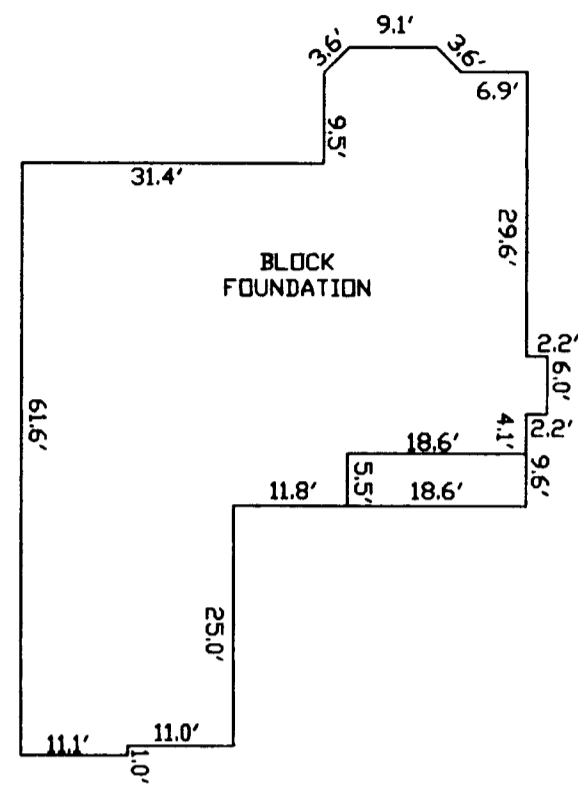
Signature of Applicant: D.B. Rockwood

Date: 7-29-99

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

GENERAL NOTES:

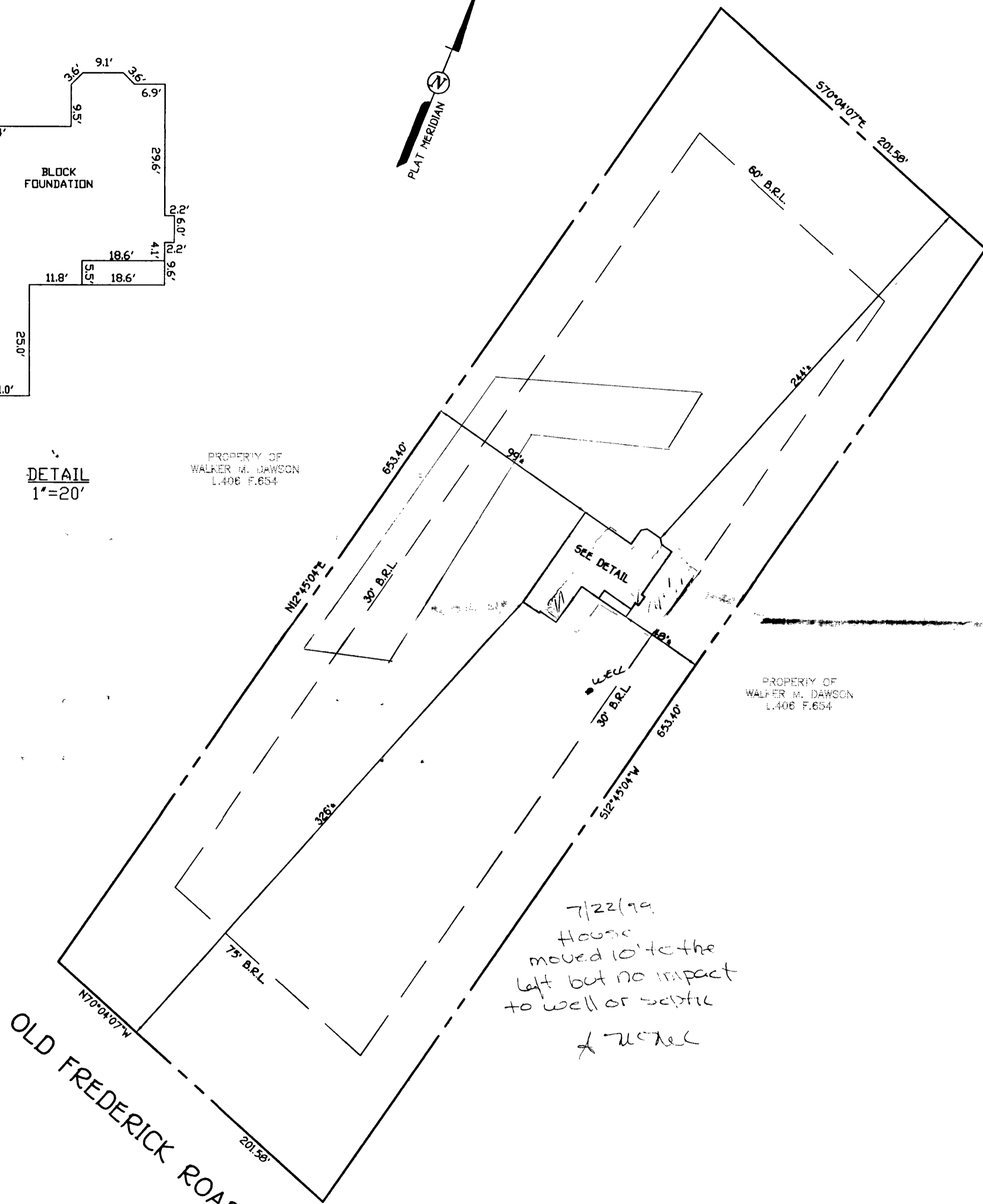
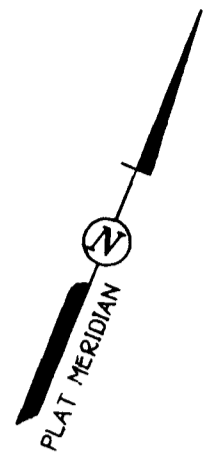
- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM IN SO FAR AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, 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. 240044 0009 B, 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 8' PLUS OR MINUS (±).



DETAIL
1' = 20'

PROPERTY OF
WALKER M. DAWSON
L406 F.654

OLD FREDERICK ROAD



PROPERTY OF
WALKER M. DAWSON
L406 F.654

7/22/99
House
moved 10' to the
left but no impact
to well or septic
✓ noted

TOP OF FOUNDATION ELEV. 120.0'
B.R.L. = BUILDING RESTRICTION LINE

LOT #1
PROPERTY OF
WALKER M. DAWSON
ELECTION DISTRICT 4
HOWARD COUNTY, MARYLAND
PLAT REF. 4373

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE FARE 10772 BALTIMORE NATIONAL PIKE
ELLEGGOTT CITY, MARYLAND 21042
410) 461 - 2955

FCC

STATE OF MARYLAND
CHARLES J. CROOK, P.E.
PROFESSIONAL LAND SURVEYOR
REG. #10763

[Signature]
PROFESSIONAL LAND SURVEYOR DATE 3/23/99
REG. #10763

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 3/29/99
FINAL LOCATION:
BOUNDARY SURVEY:

SCALE: 1" = 50'
DATE: 3/29/99
DRAWN BY: L.F.F.
CHECKED BY: M.L.R.
PROJECT No. 61201

*Env. Health Dept
Plan Review*

Avis L. Corbin, Chief
Licenses & Permits Division
Department of Inspections, Licenses & Permits

October 5, 1998

Mr. James H. Welling Jr.
13802 Old Frederick Road
Sykesville, MD 21784

RE: BP# B00113986
13700 Old Frederick Road

Dear Ms. Corbin:

The purpose of this letter is to request a change to the house plans submitted with this Building Permit to show that Bedroom 4 is changed to an Office and that the future bedroom in the basement is dropped. This change is requested because of a requirement of the Dept of Environmental Health and the limits permitted by the proposed septic system.

I want to thank you in advance for your efforts in our behalf.

Thank You

James H. Welling Jr.

James H Welling Jr.