

12/4/78 P.C.O.

C.B.S.

P 29297  
A 26514

12/27/78

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE 12/1/78

INDEXED *File*  
04-308611

Albert M. McPherson IS PERMITTED TO INSTALL X ALTER

ADDRESS Route 4, Box 363, Mt. Airy, Md. PHONE 829-1656

SUBDIVISION \_\_\_\_\_ ROAD 18807 Penn Shop Road LOT \_\_\_\_\_

PROPERTY OWNER Albert M. McPherson

ADDRESS same as above

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 150 SQ. FT. per bedroom.

INLET PIPE 3-4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 5 1/2 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AND \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AS SEEN WHEN FACING LOT FROM

Locate the dry well in perc hole (7&8) closest to Penn Shop Road and in rear center area of lot approximately 105 ft. from rear of lot when facing lot from Penn Shop Road.

PLANS APPROVED BY C.B. Streaker DATE 2/8/78

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

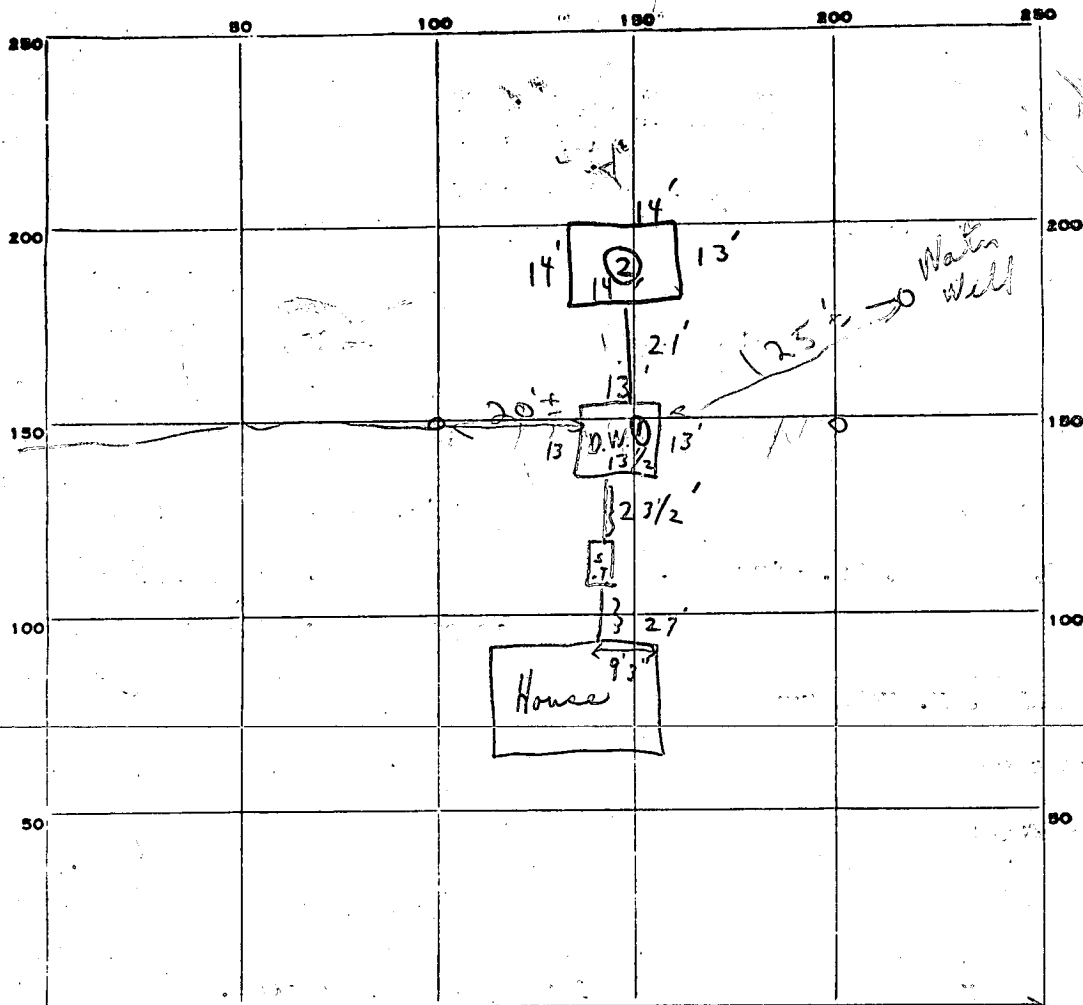
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZO ACCEPTED.

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

A 26514



PERMIT CARD Perm Shop Road Yes front of house 12/27/78 S.T. D.W.

SEPTIC TANK, LEVEL 24 CLEANOUTS Yes No 12/4/78

DISTRIBUTION BOX, LEVEL N/A 12/29 Yes Yes

TILE FIELD, DEPTH 1 FT. TRENCH WIDTH 1 FT.

GRAVEL DEPTH 1 IN. TOTAL LENGTH 1 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA Count ① 6.5 + = 341.25 Count ② 6.5 + = 357.5

SEEPAGE PITS, INSIDE DIAMETER ① 52 1/2 FT. DEPTH BELOW INLET 341.25 FT. ② 55

ABSORBENT AREA 638 ± SQ. FT.

REMARKS P.M. 12/4/78 checked - notes - stop all work drywell in wrong location & no way to measure depth of drywell (appears not enough, abandoned, was also) 10' off back 7' wide 10' deep drywell 12/6/78 (13x13) behind

drywell per D.W. M + C. Bd. due to only 20' off left property line with present drywell. have above information to Mr. McPherson 12/27/78 checked

12/27/78 have information to Mrs. McPherson 12/27/78 checked

ok to cover with 12 in. Dry Well installed

DATE SYSTEM APPROVED 12/27/78 INSPECTOR C.B. [Signature]

Fill out in triplicate.  
Make \$30.00 check payable:  
Howard County Health Dept. Sanitation

# APPLICATION

A 26514

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

Septic tank { 1-3 Bedrooms 1000 gal  
4 Bedrooms 1250 gal }  
DISTRICT 4TH  
DATE JUNE 16, 1977

dry well to have 150 efft effective  
absorbent sidewall area per bedroom below first 5 1/2'  
of original soil. Sited to be 3-4' below original grade + maximum  
depth 12'. location - perc hole (9+8) closest to  
Penn Shop Rd. and in center area of lot, approximately 105' from  
rear of lot when facing lot from Penn Shop Rd.  
(2/8/78 Hold - for building plans to show both perc holes)  
See plans C.B.D.

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE  
DISPOSAL SYSTEM.

PROPERTY OWNER Albert M. McPherson  
Garroll E. Almony (McPherson - CONTRACT PURCHASER)

ADDRESS Box 179 Mount Airy, Md. PHONE 489-4502

PROPERTY LOCATION: Route 4, Box 363 1000 gal 1-3 Bedrooms

SUBDIVISION Mt. Airy, Md. 21771 1250 gal 4 Bedrooms  
829-1656 LOT NO. 18807

ROAD AND DESCRIPTION Directions Rt. 27 South of Mt. Airy to Left on Penn Shop Road.

Appx. 1 mile to tower on right - lot begins just past tower

SIZE OF LOT 0.986 acres TYPE BLDG. 3 bedroom, 1 1/2 bath  
Tambler - to be built NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC  
FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT G.E. Almony BLDG. PERMIT SIGNED  
AND RETURNED 6/2/78

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

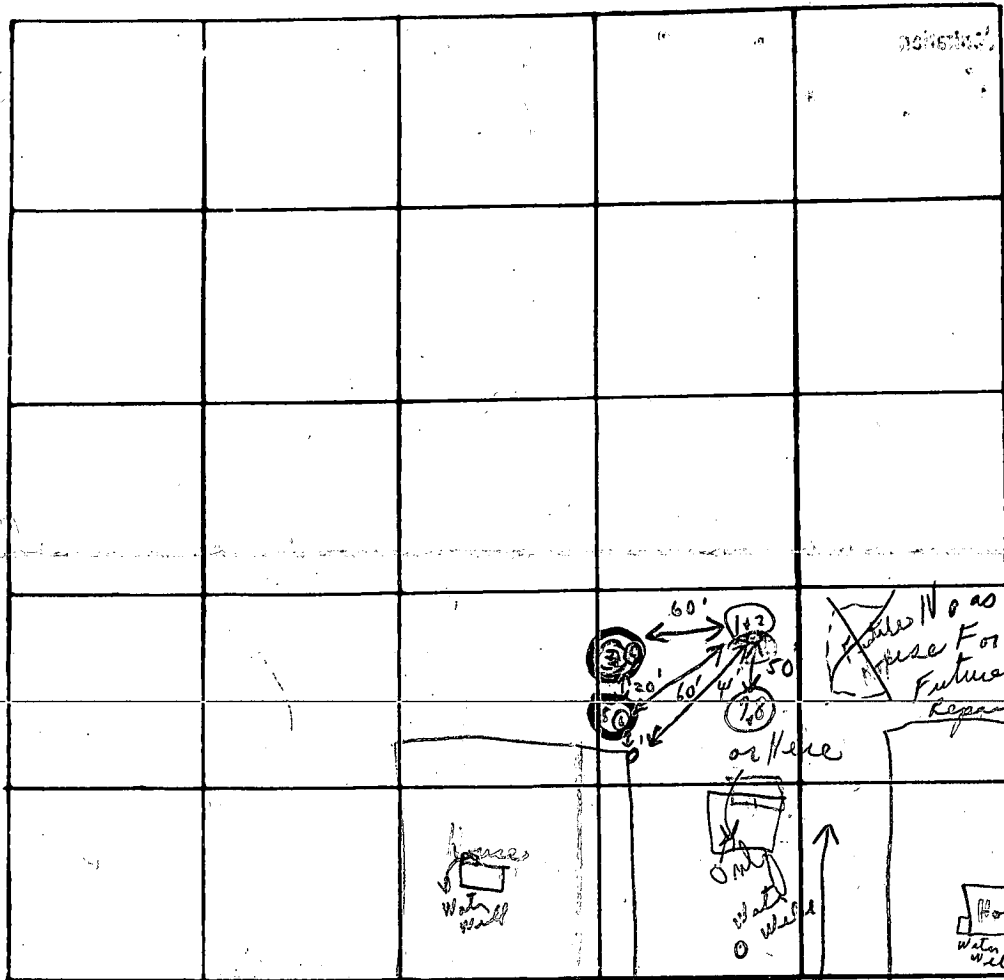
REASONS FOR REJECTION OR HOLDING 10/28/78 Recorded lot - hold for supervisor

2 holes ? or more Yes - ok hold for

house location. Note House on lot

10/31/77 Discussed C.B.D. per P.F.W.; F.F. & C.B.D. office

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Pen Shop Rd

DATE	TEST NO.	DEPTH.	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/28/77	1	4 1/2'	1:54	1:58	1:58	2:05	7m
	2	12 1/2'	1:54	2:01	2:01	2:12	11m
Weathered shale	3	4 1/2'	1:22	1:27	1:52	1:52	
	4	13'	1:22	1:46	1:46	2:23 1/2"	
	5	4 1/2'	2:43	2:56	2:56	3:30	
Room	6	13 1/2'	2:40	2:56	2:56	3:30	
	7 A	4'	3:04	3:26	3:26	3:30	
	8 Use	12 1/2'	3:04	3:06	3:06	3:21	15m
	9 B	5 1/2'	3:34	3:36	3:36	3:41	5m

18 10m  
(4/38)  
10 min average  
150 gpf effective below floor  
320 gpf recorded  
(2 holes only)

10/31/79 per P.F.W. + F.F.

REMARKS

must put house in area near other two

TYPE OF SOIL

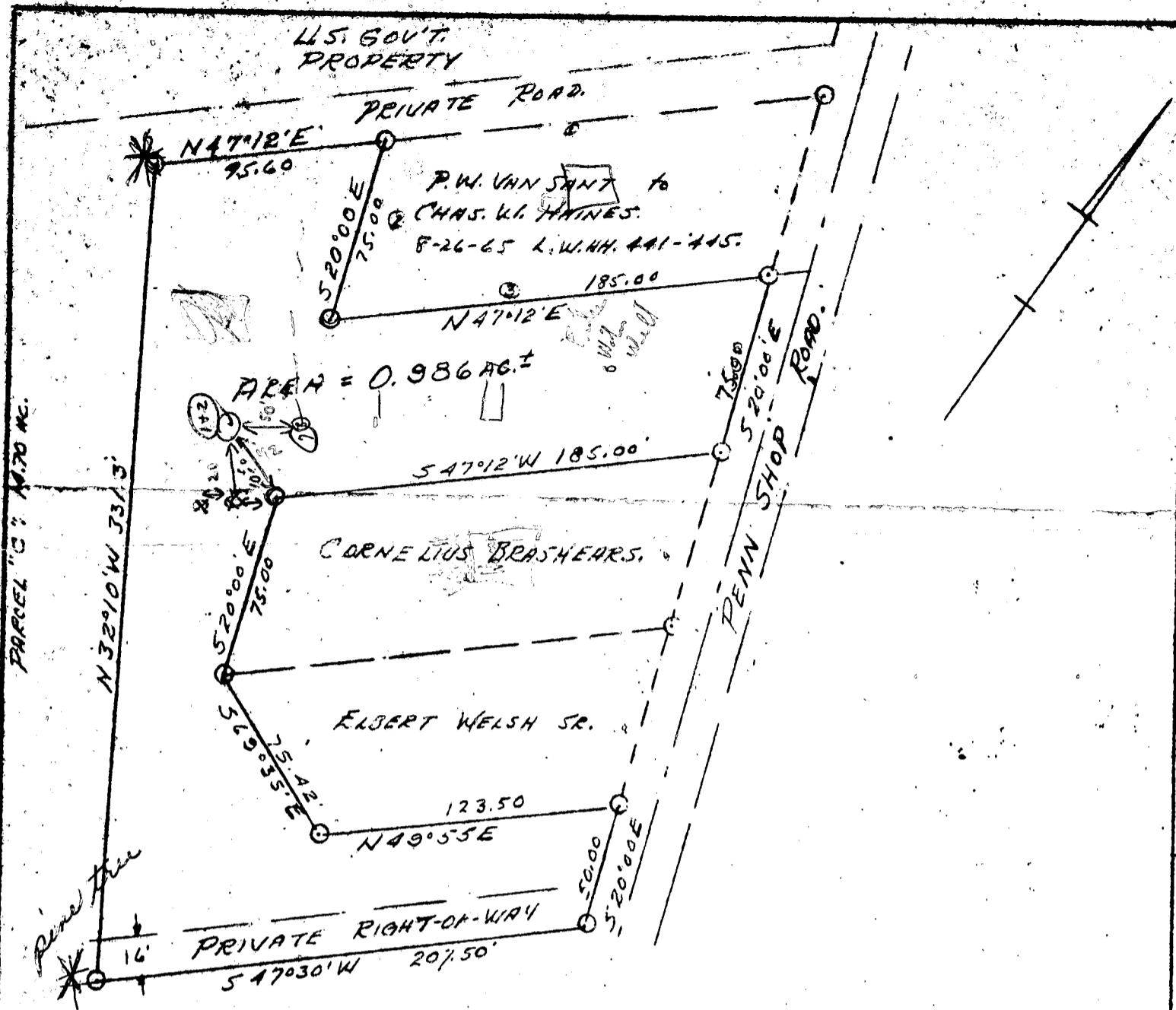
TESTED BY

C.B.D

ALSO PRESENT:

{ Arnold's Septic Tank }  
Service

Fairly hard Open field Hold for sewer  
Recorded lot



PLAT OF PROPERTY

CARROLL E. FALMONT  
 FOURTH DIST., HOWARD CO., MD.

PART: WILLIAM F. BARDETTE, WID.  
 DEED: FEB. 1, 1945 L. 184 F. 262.

SCALE 1"=60 AUG 17, 1966

J. Harry Koller  
 J. HARRY KOLLER P.L.S.  
 MD. LICENSE NO 250  
 BY RICHARD P. HUMM, ASSOC.

Harold Crowder



2007

Bud McPerson

Inc.

— record 1995 —  
Eng. — Resh.

of 2 holes <sup>min.</sup>

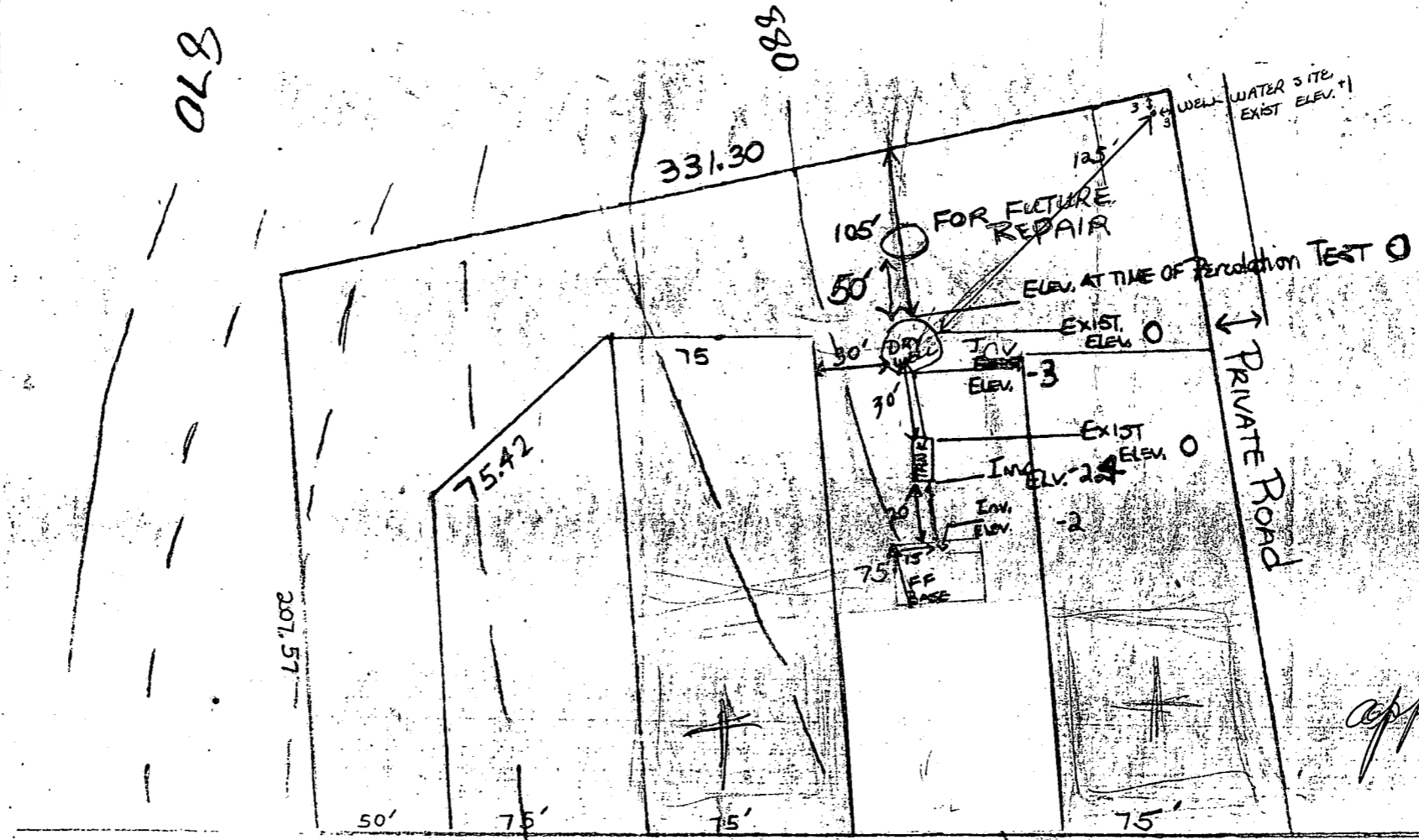
50 ft apart  
at least 25 ft. from prop. lined  
possibly 13 rd.



HOWARD Co.

870

880



app. 3-8-28  
*[Signature]*

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROJECT.

*[Signature]*

Health ✓

RICHARD E. FREUDENBERGER

DIRECTOR  
992-2400

Administrative Services Division  
Guy W. Mager, Chief

Capital Programs and Project Management Division  
Thomas C. O'Connor, Chief



Bureau of Engineering

William O. Filbert, Chief

Bureau of Environmental Services

Robert B. Miller, Acting Chief

Bureau of Facilities

John Zitnyar, Chief

Bureau of Highways

Granville W. Wehland, Chief

Bureau of Inspections, Licenses, and Permits

M. Robert Gemmill, Chief

Bureau of Utilities

James L. Gleig, Chief

DEPARTMENT of PUBLIC WORKS of HOWARD COUNTY

3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

September 5, 1978

Albert M. McPherson  
Route 4, Box 363  
Mt. Airy, MD

Re: Serial # 34718  
Permit #47606  
Issued 7/20/78 for 18807 Penn Shop Road

Dear Mr. McPherson:

As per your request, please attach a copy of the letter to your permit to serve as an amendment; the amendment is for a change in size of structure and should read as follows:

Description of Work

1-1/2 story, full basement, 6 rooms, 2 full baths,  
1 half bath & fireplace (3-bedrooms)

Size of Bldg.

1- 27'5" x 45' x 10'	= 1073	= 10730
2- 27'6" x 16' x 8'	= 411	= 3288
3- 27'6" x 45' x 10'	= 1075	= <u>10750</u>

Total Volume = 24,768

Footing	Foundation	S. Wall	Roof
20" x 8"	12" cmu	Wd. Frame w/ BV & Sid.	Asp. Gable

Any further questions can be directed to my attention.

Sincerely,

George E. Martin  
Plans Examiner

cc: All agencies who receive standard permit copy



C 1 .3927 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
 WATER RESOURCES ADMINISTRATION  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
 WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY.

COUNTY NUMBER W 27747

DATE RECEIVED (WRA USE ONLY) 1978 DEPTH OF WELL 170

DATE WELL COMPLETED 1978 (TO NEAREST FOOT) 26

8-13 15 20

PERMIT NO. FROM "PERMIT TO DRILL WELL" 70-73-2697

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 159

OWNER: MC PHERSON LAST NAME FIRST NAME TERENCE

STREET OR RFD RT 4 BX 363 POST OFFICE AIRY MD

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
<u>BROWN SHALE</u>	<u>0</u>	<u>40</u>	
<u>BLUE SLATE</u>	<u>40</u>	<u>170</u>	

WELL DESCRIPTION

GROUTING RECORD YES NO

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) (Y) (N)

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT (C M) BENTONITE CLAY (B C)

NO. OF BAGS 11 NO. OF POUNDS 1034

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 47 FT.

CASING RECORD

CASING TYPES

INSERT APPROPRIATE CODE BELOW

(S T) STEEL (C O) CONCRETE

(P L) PLASTIC (O T) OTHER

MAIN CASING TYPE (S T) NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 60 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 48

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

(S T) STEEL (B R) BRASS OR BRONZE (H O) OPEN HOLE

(P L) PLASTIC (O T) OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM TO

1 170 8 9 11 15 17 21

2

3

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX (F)

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 1

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 170

METHOD USED TO MEASURE PUMPING RATE TIME

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 39 (NEAREST FOOT)

WHEN PUMPING 170 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

(A) AIR (P) PISTON (T) TURBINE

(C) CENTRIFUGAL (R) ROTARY (O) OTHER (DESCRIBE BELOW)

(J) JET (S) SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO (Y) (N)

CAPACITY

GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

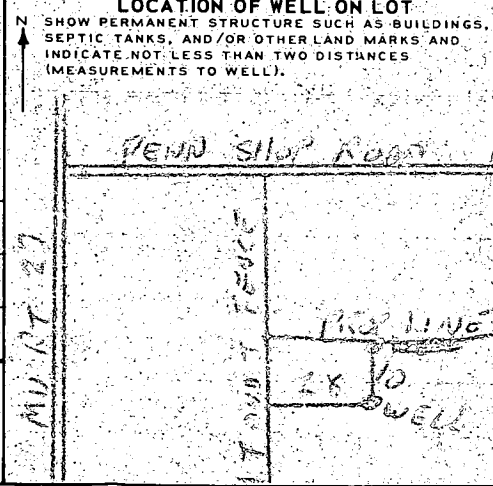
PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

(+) ABOVE } LAND SURFACE

(-) BELOW } 1 (NEAREST FOOT)



CIRCLE APPROPRIATE BOXES

(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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL" AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME ROBERT ELINE

(PLEASE PRINT) Robert Eline

SIGNATURE Robert Eline

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

(E.R.O.S.) W.Q.

(70) (72) (74 75 76)

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE