

11/19/87
Final Am

04-319567

PERMIT

P. 39497

A. 37553

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 4th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 6/22/87

INDEXED

DATE SYSTEM APPROVED 11/19/87

INSPECTOR (Signature)

Arnold Septic Services, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Floyd I Hulver Property ROAD 17014 Route 144 LOT Parcel 5

PROPERTY OWNER Steven Mullinix

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X NOTE: 2-1000 gal. tanks to be installed.

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 2½ feet below original grade. 1½ feet of stone below distribution pipe.

LOCATION - Location and maximum bottom depth must be strictly observed. Start the first trench 140 feet from the center of Route 144 and 40 feet from the left lot line. Run trench(s) along contour toward left side of property.

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

OK
(Signature)

PLANS APPROVED BY C. Williams DATE 12/26/86

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.

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

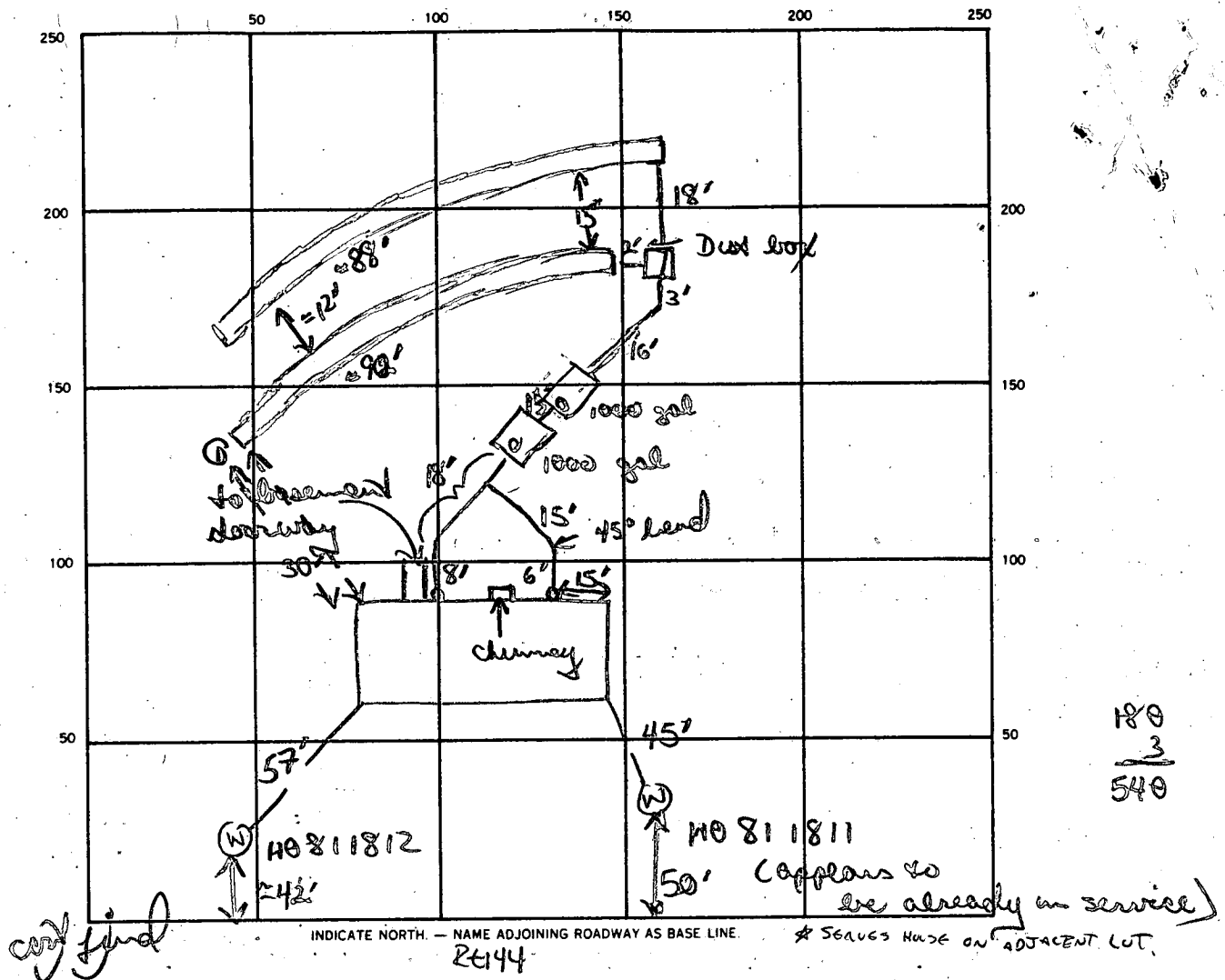
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 37553



SEPTIC TANK, LEVEL 2- 1000 gal CLEANOUTS 2 ST c/o's; 2 in line c/o's

DISTRIBUTION BOX, LEVEL ✓

DRAIN FIELD/TILE FIELD, DEPTH 4' 4" FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2' 2 1/2' FT.

EFFECTIVE GRAVEL DEPTH 1 1/2' 1 1/2' FT. TOTAL LENGTH FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 276 + 264 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 540 SQ. FT.

REMARKS 11/16/87 KEEP S/S. AS CLOSE TO HOUSE AS POSSIBLE BUT 20' AWAY. S/H
11/19/87 OK to cover lines from house to dist. box. BK to cover
trenches & all other work

DATE SYSTEM APPROVED 11/19/87 INSPECTOR D N Jan

APPLICATION

PERCOLATION TESTING

A 37553

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE 8/19/86

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 FLOYD I HALVER STEVEN MULLINIX

ADDRESS 17010 FREDERICK RD MT AIRY MD. 21771 PHONE 489-4691

PROSPECTIVE BUYER JOE ABELL

ADDRESS P.O. Box 72 MT AIRY MD 21771 PHONE 875-2100 (W)
635-2598 (H)

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. PARCEL # 5

ROAD AND DESCRIPTION 17014 Rt 144 (Frederick Rd.)

TAX MAP 7 PARCEL # 5 (Grid 2)

SIZE OF LOT 0.873 ac. 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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

BLDG. PERMIT SIGNED
DATE AND RETURNED 6/18/87

REASONS FOR REJECTION OR HOLDING 8-22-86 PERC UNSATISFACTORY; S. Abell

RETEST 10/21/86 LIMITED AREA FOR SHALLOW SYSTEM ONLY, EXISTING WELL

MUST BE ABANDONED/REPLACED AT FRONT OF EXISTING HOUSE LOT, ALSO NEW WELL MUST BE DRILLED AT FRONT OF THIS LOT, IF WELLS CANNOT BE ESTABLISHED ON HIGH GROUND - LOT FAILS, 10/21/86

THIS IS NOT A PERMIT

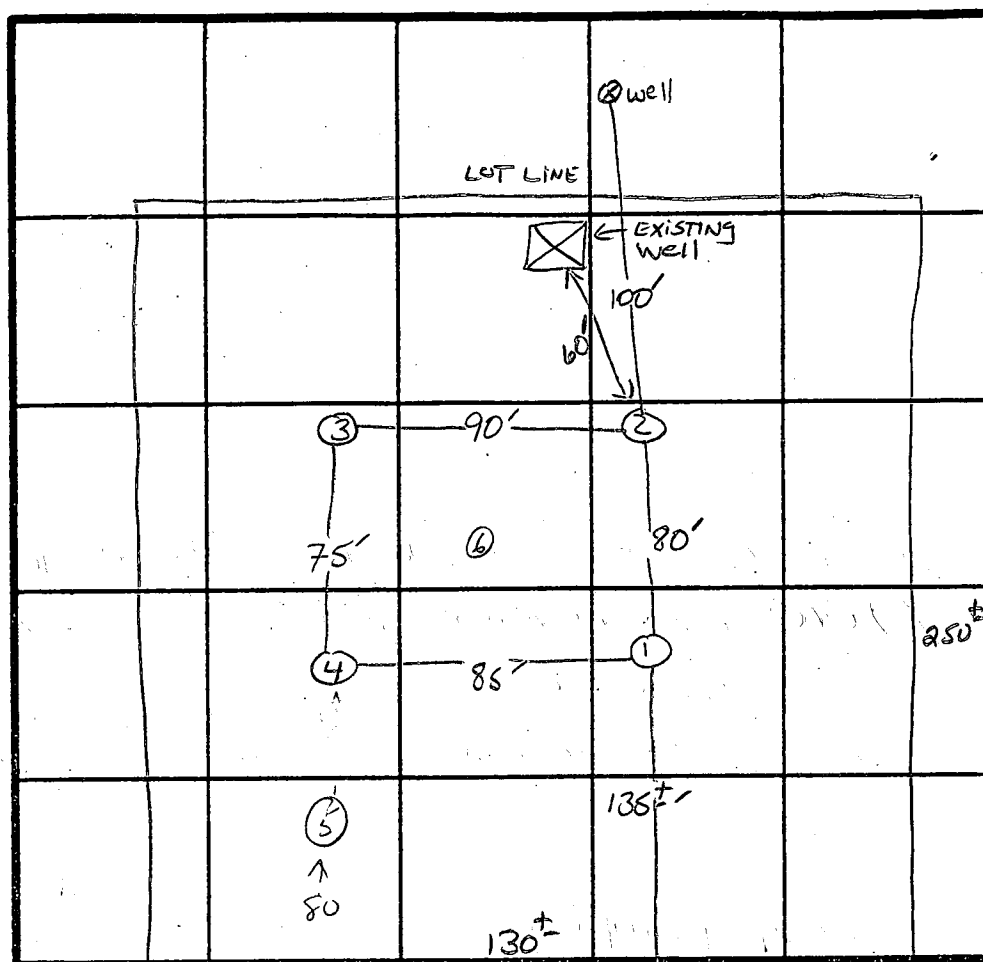
②
① ③
SOIL PROFILE

0'
4" A1-3
YELLOW BR.
SILT LOAM
9-12% CLAY
10-20%
COARSE
FRAGMENTS
4'
YELLOW BR.
SILT LOAM
30-40%
COARSE
SHALE
FRAGMENTS
6-7'
MASSIVE
SHALE
SAPROLITE
8-9'

④
4" A1-3
YELLOW BR.
SILT LOAM
10-10%
FRAGMENTS
4'
9-12% CLAY
4" YELLOW BR.
SILT LOAM
20-25%
COARSE
SHALE
FRAGMENTS
9'

⑤
2' CLAY
COAR.
VARIABLE
3' 70%
FRAGMENTS

⑥
3' CLAY
LOAM
SILT
LOAM
20-25%
FRAGMENTS
50%
FRAGMENTS
MATERIAL
EH 12-1079



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
RE 144 CL

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/22/86	1 S	4'	11:45	12:09	12:09	12:42 < 1"	
	1 D	8.5'	12:02	12:25	12:25	12:31	6 min
	2 S	4'	11:49	12:21 →	< 1"		
	2 S	8'	NOT TESTED MASSIVE SAPROLITE AT BOTTOM				
	3 S	4'	11:53	11:54	11:54	11:57	3 min
	3 S	8'	12:17	12:20	12:20	12:25	5 min
	4 S	4'	11:57:30	12:06	12:06	12:00	14 min
	4 D	8'	NOT TESTED MASSIVE SAPROLITE AT BOTTOM				
	2 S ₁	4.5'	12:31	12:58	12:52	1:27 > 1" 35 min	(53 min/1")
	1 S ₁	5.5'	12:51	1:20	1:20	1:53 > 1" MOVEMENT	✓
OCT 21/91	5	5' CLAY TAKEN	30-50% SAPROLITE AT 1 1/2'		ROCKETS 2'		
	1	5'	12:19:50			12:21:50	4" IN 2 MIN
	6	5'	12:24:50	12:26:50	12:26:50	12:29:20	2 1/2 IN 2 MIN
		8'	MASSIVE	SAPROLITE	BELOW 8'		

REMARKS LIMITED AREA ESTABLISHED - OK FOR SHALLOW SYSTEM ONLY IF EXISTING WELL IS ABANDONED AND NEW WELLS CAN BE ESTABLISHED AT FRONT OF LOT, C.W.

TYPE OF SOIL mt airy

TESTED BY S. Abel

ALSO PRESENT Arnold Scott; Abel; Holver

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9958
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

October 31, 1986

Mr. Joseph Abell
P.O.Box 72
Mt. Airy, Maryland 21771

RE: Floyd Hulver Property
Frederick Road
Tax Map 7 Parcel 5

Dear Mr. Abell:

Percolation testing conducted August 22 and October 21, of 1986 revealed a limited amount of satisfactory soil conditions, but at a location that was not deemed acceptable in relation to the existing well on the property. This well currently serves the adjacent Parcel 6 also titled to the same owner.

Only if this well is abandoned and replaced by satisfactory wells at acceptable locations on both Parcel 6 and Parcel 5 can this lot be approved for building purposes.

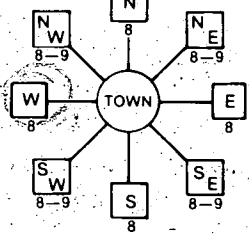
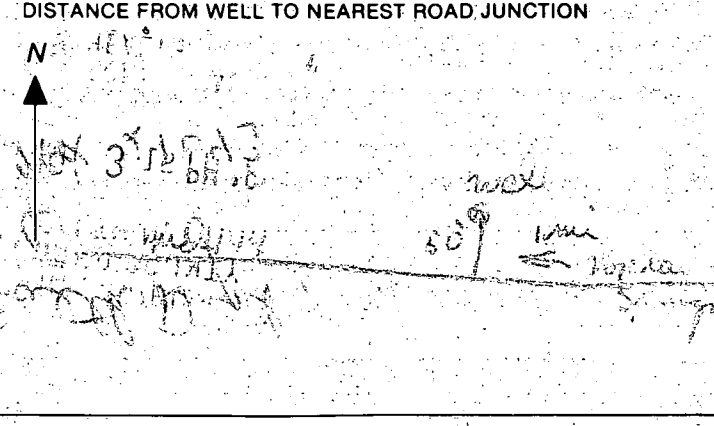
If you have any questions relative to this matter, please call me at 461-9933.

Very truly yours,

A handwritten signature in cursive script that reads "Craig Williams / S. Williams".

Craig Williams, Director
Water and Sewerage Program

CW:JR

B 1 5515 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER 40-81-1812
Date Received 12/3/86 OWNER INFORMATION JCA INVESTMENTS 15 Last Name Owner First Name 36 Street or RFD MT AIRS MD 21771 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL 40 RD 12/3/86 R-38201 8 COUNTY 23 SUBDIVISION SECTION 44 46 LOT 48 50 POTOMAC SPRINGS 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 1 MI 73 76 77 78	
DRILLER INFORMATION Driller's Name: Austin Lawer 77 License No. 80 Firm Name: 9125 Bethel Rd Fines Address: Austin Lawer 11-6-86 Signature: Date:		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 NEAR WHAT ROAD: 14th ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH (N) WEST (W) EAST (E) SOUTH (S) 34 DISTANCE FROM ROAD: 30 ENTER FT or MI: 30 FT	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 200 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME: Howard COUNTY NO. A 37553 OEP SIGNATURE: STATE HEALTH INSERT S DATE ISSUED: 12/2/86 CO SIGNATURE: EXP. DATE: 5/1/87 NORTH GRID: 550000 EAST GRID: 0769000 50 55 57 63	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="radio"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER: 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE: E 760 N 552 000 000	
APPROXIMATE DEPTH OF WELL: 90 FT 24 28 FEET APPROXIMATE DIAMETER OF WELL: 6 NEAREST INCH		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30. AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary) 37. CABLE REVERSE-ROtary DRIVE-POINT other:		REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input checked="" type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="radio"/> THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41: 52:	
Not to be filled in by driller (OEP USE ONLY)			
APPROP. PERMIT NUMBER: 54: 63: FORCE: 67: 68: WRITE INITIALS IN BOX: PERMIT No.: 40-81-1812 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS:			

C1 3768

SEQUENCE NO.
(OEP USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY.
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER A 37553

DATE Received

8 13

DATE WELL COMPLETED

1 7 87

Depth of Well

22 180 26
(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

40-81-1812

OWNER

A BELL

JOE

STREET OR RFD

last name

ROUTE 144

first name

TOWN POPLAR SPRING S

SUBDIVISION

HULVER PROPERTY

SECTION MAP 7 PARCEL 5

LOT

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)FEET
FROM TOCheck
if water
bearingOB 0 18
State 18 180

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes no
Y N
44 44

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 9

NO. OF POUNDS 846

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (to nearest foot)

from 2 48 ft. to 57 54 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN Nominal diameter. Total depth
CASING top (main) casing of main casing
TYPE (nearest inch) (nearest foot)

5 T 06 45

OTHER CASING (if used)

EACH CASING diameter depth (feet)
inch from toscreen type
or open hole
insert
appropriate
code
below

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN
BRONZE HOLE
PL OT
PLASTIC OTHER

C2

DEPTH (nearest ft.)

EACH SCREEN 1 2 3
H 2 37 180
23 24 26 30 32 36
38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK

IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

WQ

70
TELESCOPE
CASING72
LOG
INDICATOR74 75 76
OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour)

3

PUMPING RATE (gal. per min.
to nearest gal.)

8 15

METHOD USED TO
MEASURE PUMPING RATE

Bench

WATER LEVEL (distance from land surface)

BEFORE PUMPING 60

WHEN PUMPING

75

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 WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS
EXCEPT HOME USE
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX - SEE ABOVE:CAPACITY:
GALLONS PER MINUTE
(to nearest gallon)

31 35

PUMP HORSE POWER

37 41

PUMP COLUMN LENGTH
(nearest ft.)

43 47

CASING HEIGHT (circle appropriate box
and enter casing height)

+ above

LAND SURFACE

- below

(nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS
BUILDING, SEPTIC TANKS, AND/OR
LANDMARKS AND INDICATE NOT LESS
THAN TWO DISTANCES
(MEASUREMENTS TO WELL)

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
WELLI HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN
ACCORDANCE WITH COMAR 10.17.13 "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 IDENT. NO.

144

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

Well Permit No. HO - 81-1812

Depth of well 180'

Distance of measuring point (M.P.) above ground 11

Static water level (S.W.L.) below M.P. 60 ft.

I. High rate pumping -- reservoir drawdown

Time pump started 12:30 Pumping rate 7.5 gpm
Total time 15 min to reach pumping water level 75 ft. below M.P.

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

[illegible]

9 bases

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

November 24, 1987

Mr. Steven Mullinix
15947 Frederick Road
Lisbon, Maryland 21765

RE: Well Abandonment
17014 Route 144
Tax Map 7, Parcel 5

Dear Mr. Mullinix:

During inspection of the recently installed septic system at the above referenced property, it was observed that the older, disconnected well at the rear of the property has not yet been abandoned and sealed.

The requirement to abandon and seal this well was a condition of approval of this property for residential construction (See enclosed letter of October 31, 1986). This was deemed necessary because it is closer than permissible to the septic reserve area on the property.

Abandonment of this well should be accomplished prior to putting the septic system into service. No further approvals for Certificate of Potability for Use and Occupancy Permit can be issued by this office until property abandonment is accomplished.

Failure to comply with this request prior to putting the septic service into service could result in an enforcement order.

Please contact me this office (461-9933) if you wish to discuss this matter further. Thank you for your cooperation.

Respectfully,

A handwritten signature in cursive script that reads "Craig Williams".

Craig Williams, Director
Water and Sewerage Program

CJ:JR

Enclosure

cc: Joe Abell

908 Merridale Blvd.
Mt. Airy, Md. 21771
Dec. 1, 1987

Howard County Health Dept.
Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Md. 21043

Mr. Craig Williams:

Dear Sir:

In regards to your letter, and the phone conversation, with my wife on Nov. 30, 1987, regarding Well Abandonment, at 17014 Route 144 - Tax Map 7, Parcel 5.

After you explained to my wife why the well, can not be used, I can understand the reason, but it is heart breaking to know there is available to water to use on my garden or other outside uses, but I will follow your rules and cover the well in the spring when my yard work is completed.

Thank you for your cooperation, allowing me to take care of the well at a later date.

Respectfully,

Steven W. Mullinix
Steven W. Mullinix

RITZ ESTATES

Δ # 3872

TO BE ABANDONED

S 79° 39' 00" E
36.50'

N. 68° 58' 45" W. 133.00'

CONC. MONUMENT FOUND

EX. WELL

6.7 x 9.7 ALUM. SHED

IRON PIPE FOUND

IRON PIPE FOUND

FIRST PARCEL

L. 562

F. 225

14,718 \$

OR

0.3379 ac ±

SECOND PARCEL

L. 562 F. 225

37,636 \$ OR

0.8640 ac ±

N/F

FRED E. HARRISON

1090/381

12/12/86 C

WELL AREA OK

IRON PIPE FOUND

UTILITY STREET

IRON PIN SET

IRON PIPE FOUND

136.58'

68.50'

S. 68° 48' 04" E.

MARYLAND ROUTE 144

66' R/W

(FREDERICK ROAD)

PLAT OF SURVEY

LANDS CONVEYED TO

FLOYD ISAAC HULVER &

BESSIE C. HULVER

LIBER 562 FOLIO 225

17010 FREDERICK ROAD

FOURTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

Scale: 1" = 50' Date: Sept. 1986



9/4/86

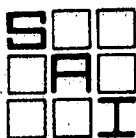
I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

REFERENCE

JOB NO.

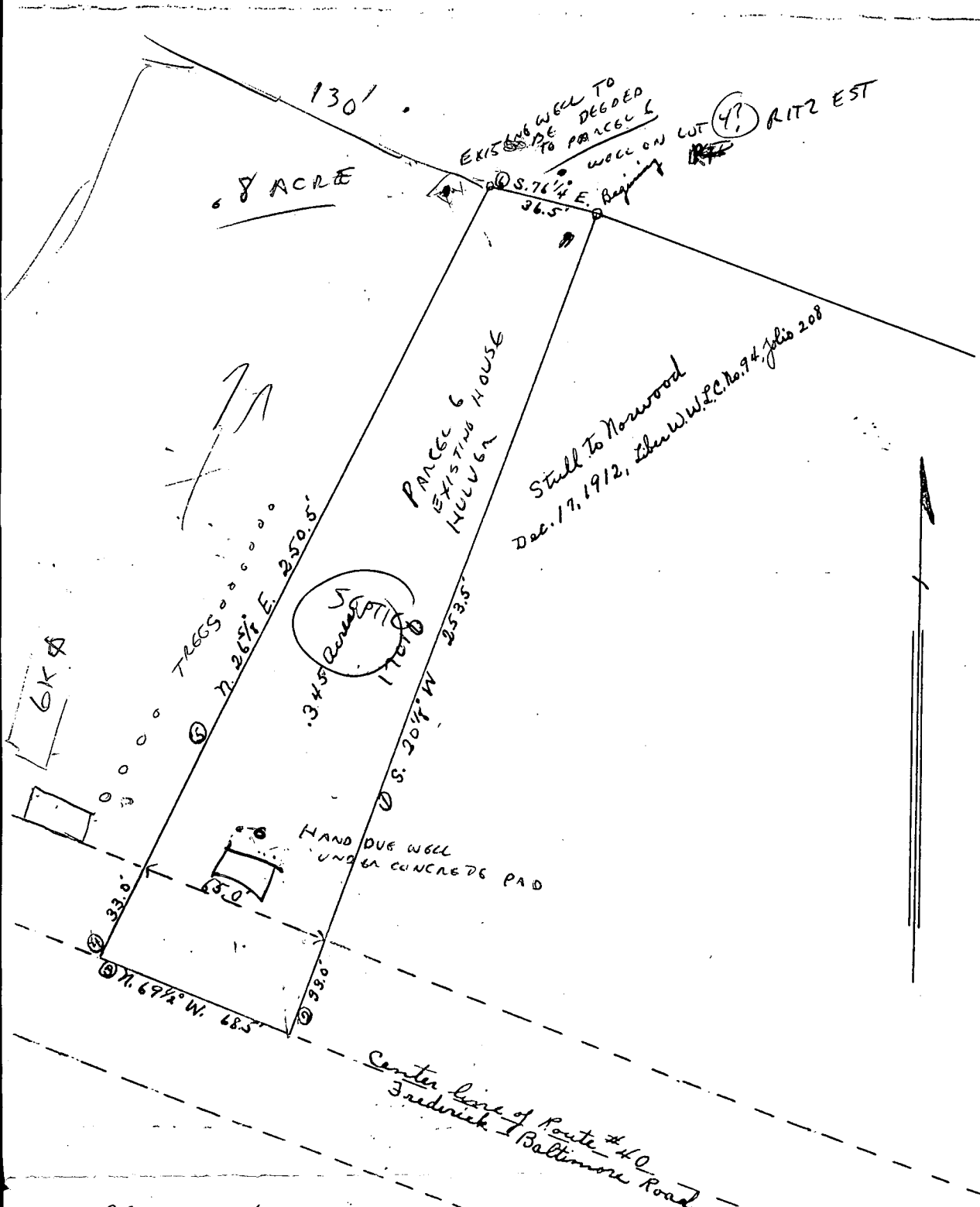
L. 562 F. 225

86-1136



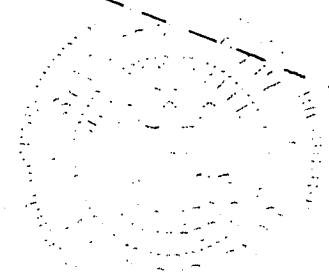
SHELADIA Associates, Inc.
CONSULTING ENGINEERS

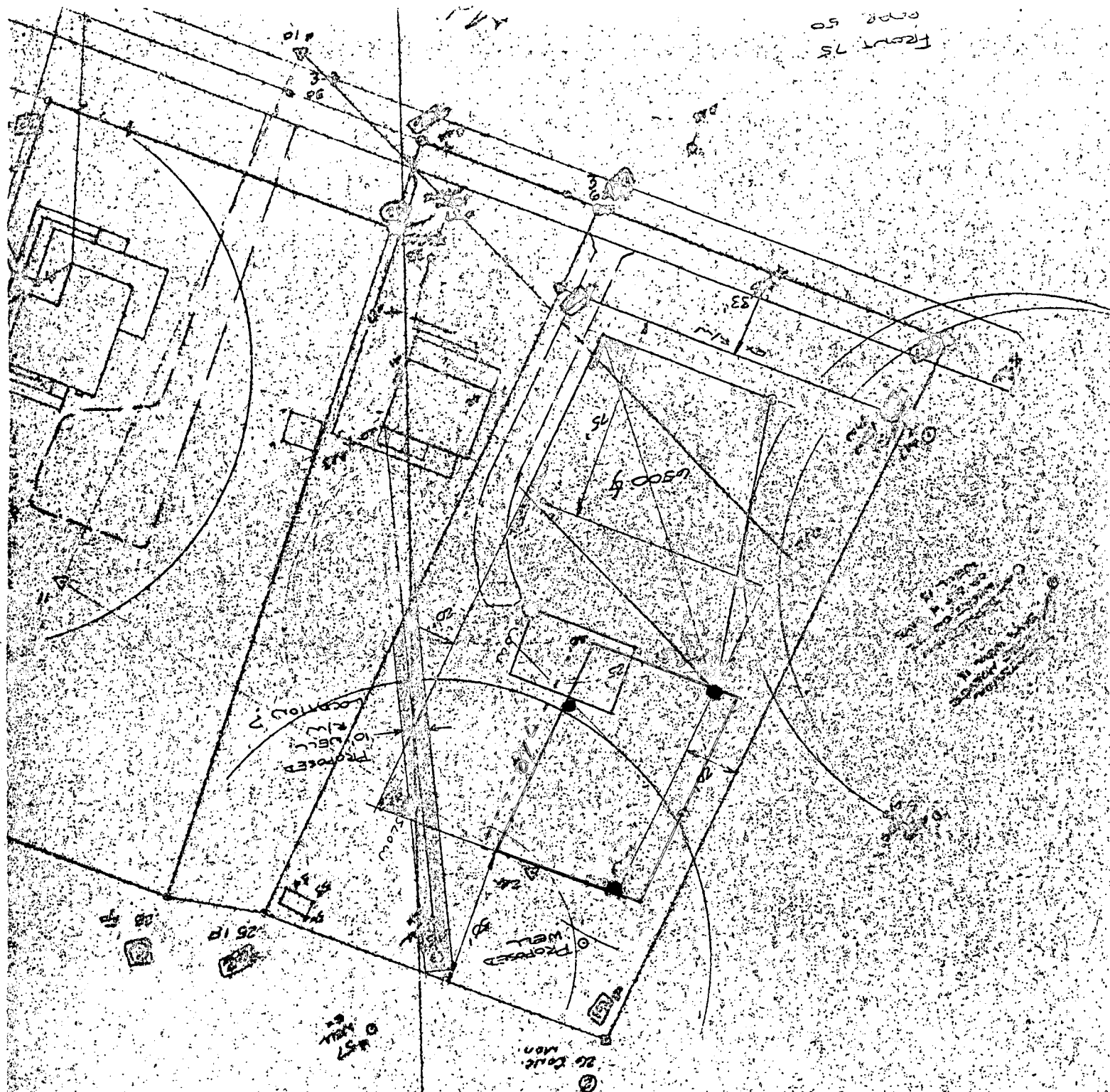
310 A South Main Street, Mt. Airy MD. 21771
(301) 829-2890



Plot of a part of
 Charles J. Fleming's land situated on
 Route #40, 4th District, Howard County, Maryland.
 Scale 1" = 50'

J. Harry Koller, Surveyor.





JOE ABELL
829-9260

$$\frac{180' \times 3 \text{ BR}}{540' = 54' = 10 \text{ LINES OR } 81'$$

$$\frac{200' \times 3 \text{ BR}}{600' = 60' = 10 \text{ LINES OR } 81'$$

CRITIC

IF USING 180' Per bedroom.
would right in there as shown on
the solid red line, IF USING
200' Per bedroom 6' more one
way or the other will work
IT WORKS (Dotted red line)

THANKS
Joe