

3-18-88
LATE AM &
Final plan
3-21-88
10 am

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 41214

A 39086

DISTRICT 5th

DATE 3/17/88

DATE SYSTEM APPROVED 3-21-88

INSPECTOR JEN

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

{ I.C.O.P.
Time expired }

Alan Whitworth Excavating

IS PERMITTED TO INSTALL ALTER

ADDRESS 12680 Clarksville Pike, Clarksville, MD 21029 PHONE 531-5033

SUBDIVISION Gravel Property ROAD 7537 Flamewood Road LOT Tax Map 41

PROPERTY OWNER Wayne Galinat
ADDRESS 7537 Flamewood Road

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

244 ft trench
4
276

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 244 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 80 feet from the rear (637.12') lot line and 215 feet from the left (396.57') lot line as seen when facing the lot from Flamewood Drive. Run trenches on contour toward the rear lot line.

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

PLANS APPROVED BY S. Abel DATE 12/03/87

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES.

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.

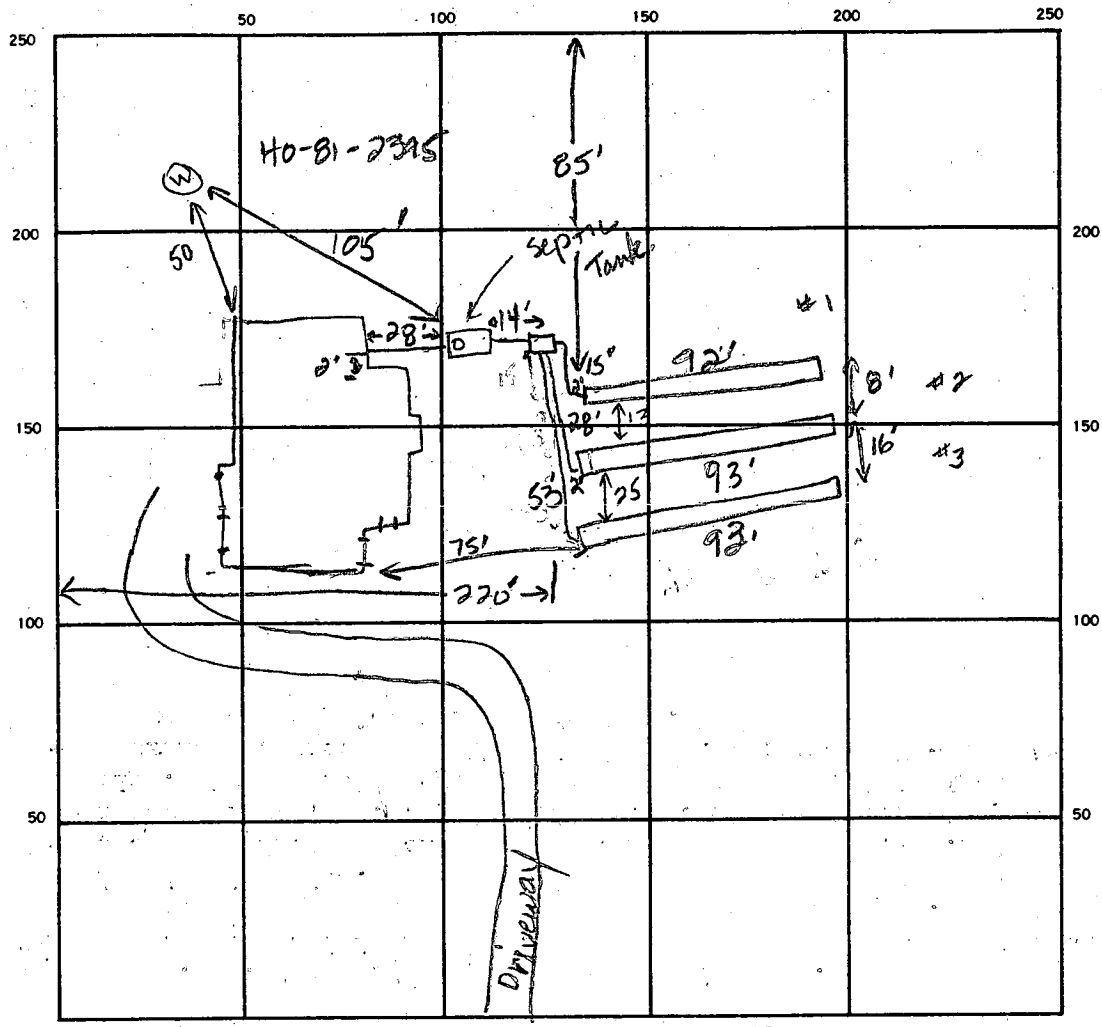
PERMIT VOID AFTER TWO YEARS.

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.

A
39086

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



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.
 Flamewood Road

Monday
10 am

20
21
20
10:30

976

92
24
368
184
220.8

21
35
24
140
70

196
92
278
3.5
1390
834
973

93
45
465
372
418.5
93
45
45
190
368
387

SEPTIC TANK LEVEL 2000 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD DEPTH 7.5 7.5 7.5 TRENCH WIDTH 2 FT. INLET DEPTH 3 3 3 FT.

EFFECTIVE GRAVEL DEPTH 4.5 4.5 4.5 FT. TOTAL LENGTH 92 93 93 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 387 418.5 418.5 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 12240 SQ. FT.

REMARKS 3-18-88 Trench grade dropped from beginning elevation. Extend all trenches to 90 ft. OK to add stone, pipe and paper to trenches. Call for final. JEN 3-21-88 OK to cover all work. Line from house to tank is supported w/ bricks. JE Nadeau

DATE SYSTEM APPROVED 3-21-88 INSPECTOR Jane E. Nadeau

APPLICATION

PERCOLATION TESTING

A 39086

P _____

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

DISTRICT _____

DATE 4/6/7

*Called Mr. Galinat
w/ perc. data.*

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 ~~Roland Gravel~~ Wayne Galinat

ADDRESS 919 Montgomery St Laurel MD PHONE 725-1529
20707

PROSPECTIVE BUYER Wayne Galinat

ADDRESS 7539 Flamewood Rd. Clarksville, MD PHONE 490-5141 (Home)
21029 301 670-3096 (work)

PROPERTY LOCATION: _____

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION ~~7537~~ Flamewood Rd
(LOT NOT PREVIOUSLY PERCED)

TAX MAP 41 PARCEL # 113 Grid 15

SIZE OF LOT 2.872 Acres 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.

Wayne Galinat
(SIGNATURE OF APPLICANT)

APPROVED BY S. Uebel FOR Trenches DATE 10/26

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

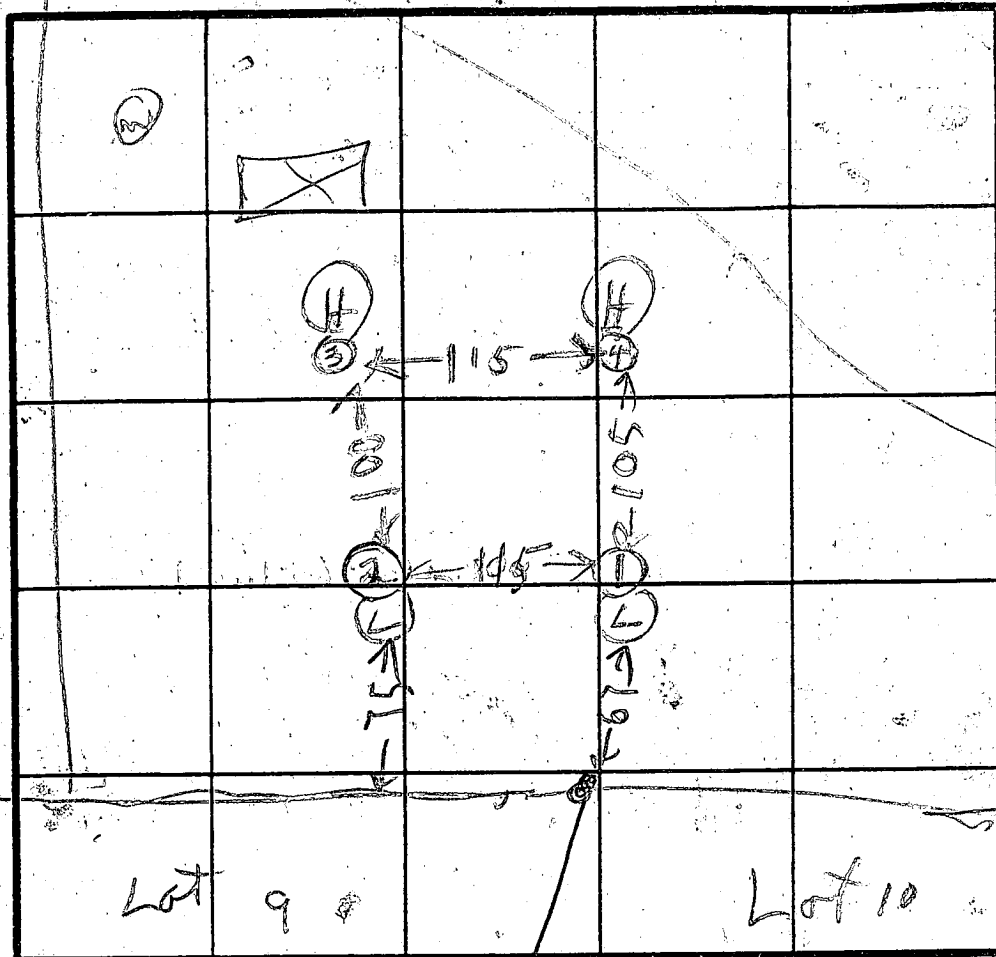
REASONS FOR REJECTION OR HOLDING ? 4/15/87 = PERC OK HOLD FOR CERTIFIED

HOLD PLAT SEEN FORM LETTER LOT LINES
JOBS CHANGED MH
BDG. PERMIT SIGNED 12/13/87
AND RETURNED 10/26/87
BP15215 SAC

THIS IS NOT A PERMIT

*5/15/87
9:30 AM permit.*

Sept 1st



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE (1) (2)

BROWN CLAY
5 1/2'
PINK BROWN SAND LUM

(3)
BROWN CLAY LUM

PINK BROWN SAND LUM

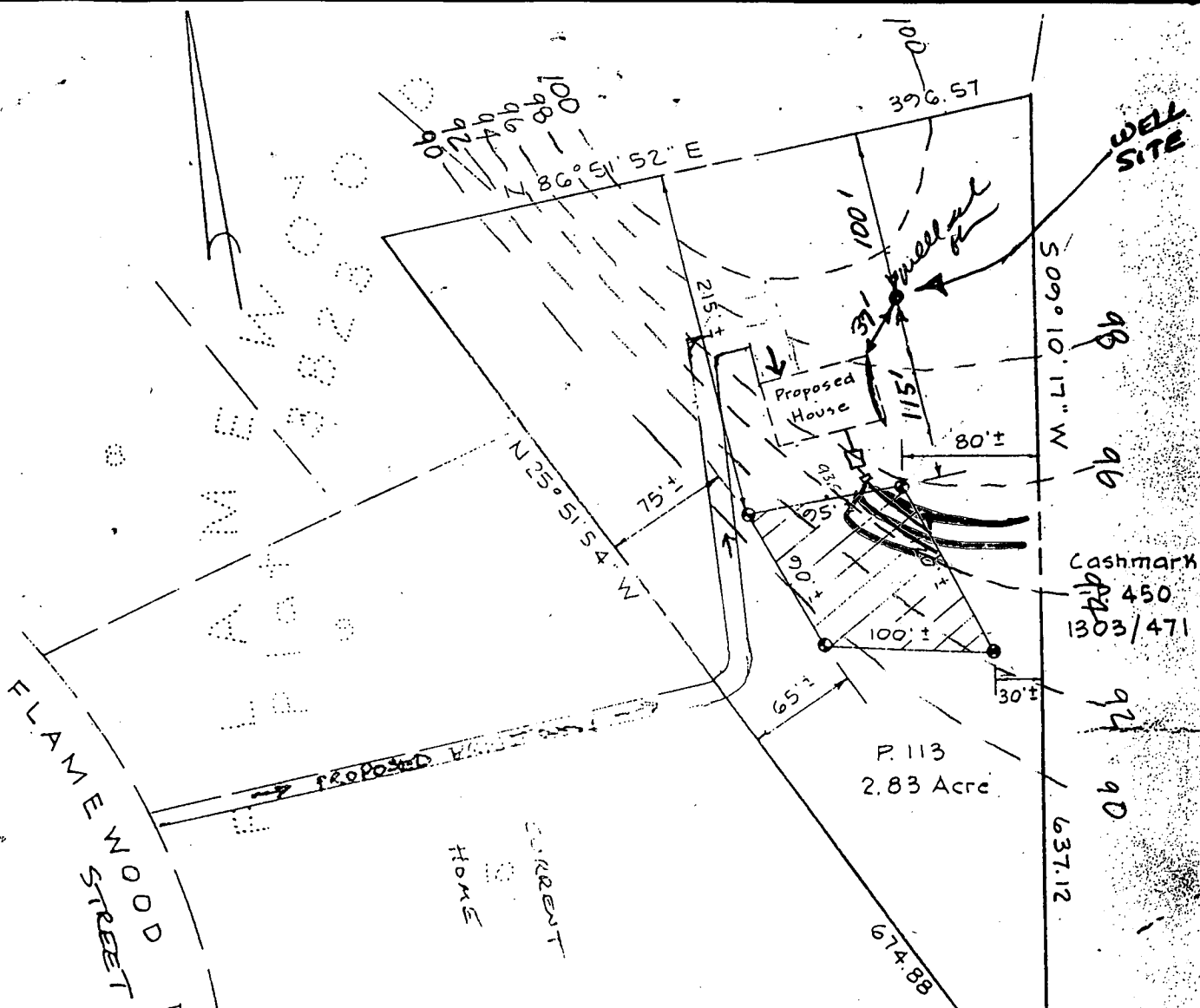
(4)
BROWN CLAY

ORANGE BROWN SAND LUM

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-------|----------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 5/15/87 | 1S | 4.5 | 1047 | 1047 | 1050 | 1057 | 7 |
| | 1V | 9 | 1047 | 1050 | 1050 | 1057 | |
| | 1V | 13.5 | OK BELOW | | 5 1/2 FT | | |
| | 2S | 4 | 1055 | 1130 | SLOW | | |
| | 2V | 8 | 1055 | 1110 | 1110 | 1130 | 20 |
| | 2V | 11.5 | OK BELOW | | 5 1/2 FT | | |
| | 3S | 3.5 | 1125 | 1155 | SLOW | | |
| | 3V | 8 | 1125 | 1136 | 1136 | 1140 | 4 |
| | 3V | 12 | OK | | | | |
| | 4S | 3.5 | 1143 | 1150 | 1150 | 1156 | 6 |
| | 4V | 8.5 | 1133 | 1135 | 1135 | 1140 | 5 |
| 5/15/87 | 4V | 12 | OK BELOW | | 3 FT | | |

REMARKS: LOT LINES TO BE CHANGED BUYER W. CALVIN AT
 CER TIF ED HULL PLAT NEW HARKNE WHIT WORTH
 TYPE OF SOIL: BIRCHES ALSO PRESENT

EH-12-1079



Relative Elevations

| | |
|-----------------|----------------------|
| Elev. at Well | <u>99.0</u> ✓ |
| 1st Floor Elev. | <u>104.0</u> ✓ |
| Bsmt Elev. | <u>95.0</u> ✓ |
| Out of Bsmt | <u>93.0</u> ✓ ⊕ BSMT |
| Into tank | <u>92.8</u> ✓ |
| Out of tank | <u>92.5</u> ✓ |
| Into Field | <u>92.0</u> ✓ |

Require
250 CF of
Inflow

- ⊕ Perc Hole, field located
- ▨ Private Sewer Easement

BLDG. PERMIT SIGNED
AND RETURNED 10/26/87
SMA

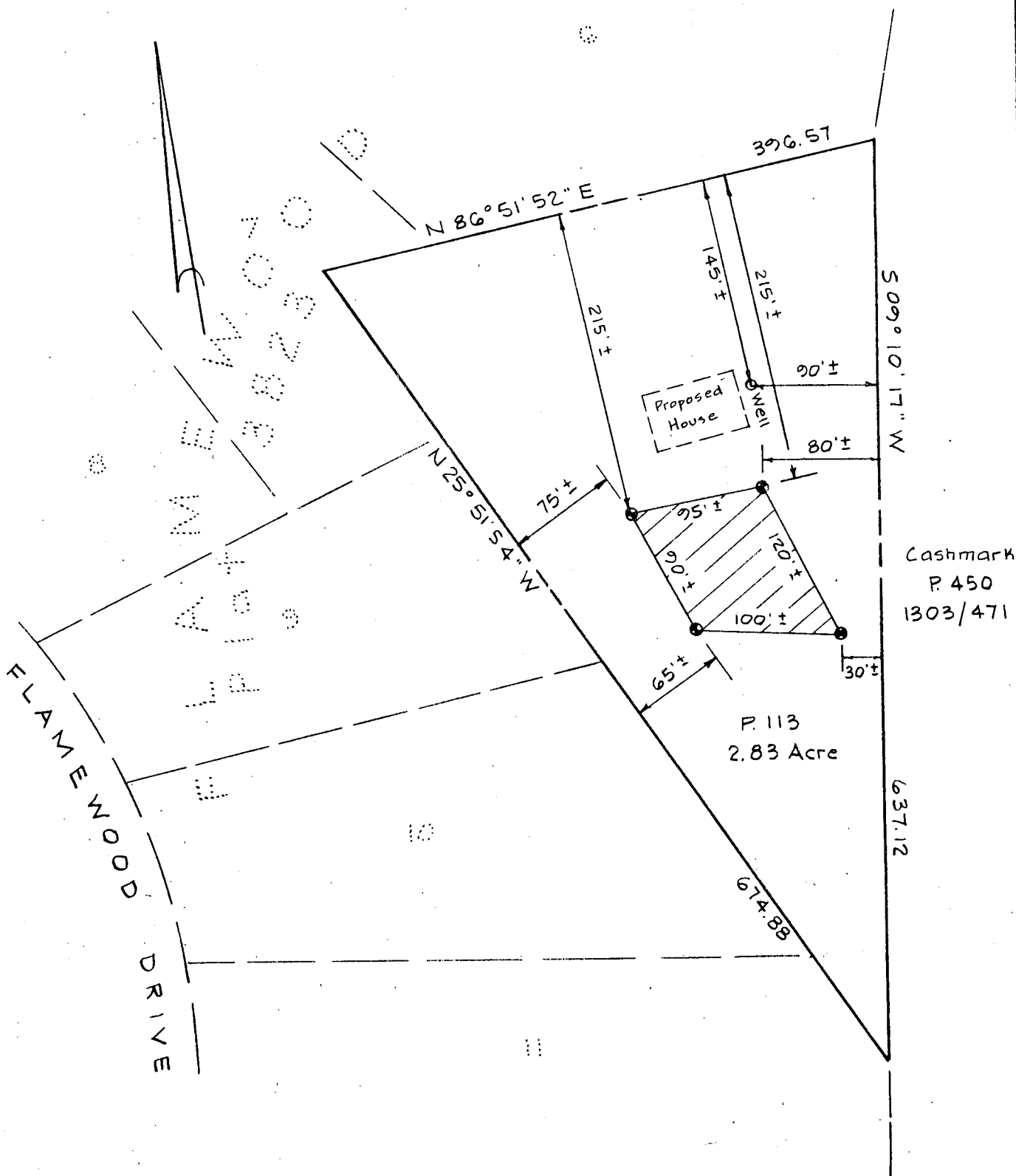
PERCOLATION PLAT
P. 113 Tax Map 41 Grid 15
Prepared for: Wayne Galinet

5th Election District Howard County, Md.
Scale: 1" = 100' Date: July 20, 1987

BP/5315
The **RBA** Group
ENGINEERS-ARCHITECTS-PLANNER

5485 HARPER'S FARM ROAD
SUITE 200
COLUMBIA, MARYLAND 21044

9046
DISC 12



7/21/87
 PLAT OK
 S. Able

- Perc Hole, field located
- ▨ Private Sewer Easement

PERCOLATION PLAT

P. 113 Tax Map 41 Grid 15

Prepared for: Wayne Galinet

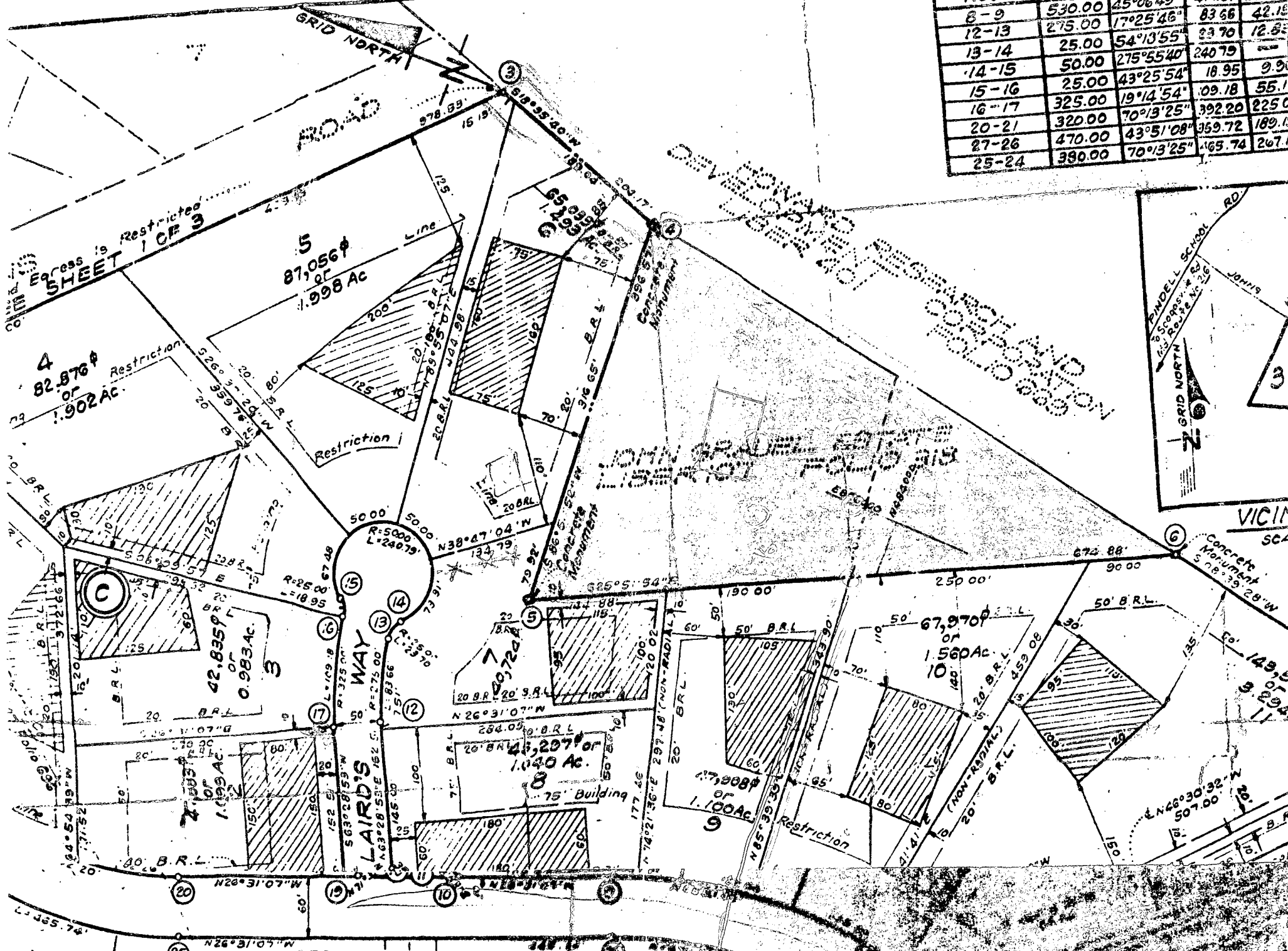
5th Election District Howard County, Md.
 Scale: 1" = 100' Date: July 20, 1987

The **RBA** ENGINEERS·ARCHITECTS·PLANNERS
 Group

5485 HARPER'S FARM ROAD
 SUITE 200
 COLUMBIA, MARYLAND 21044

CURVE DATA

| NOS. | RADIUS | Δ | ARC | TAN |
|-------|--------|------------|--------|--------|
| 8-9 | 530.00 | 45°06'49" | 417.31 | 220.18 |
| 12-13 | 275.00 | 17°25'46" | 83.66 | 42.18 |
| 13-14 | 25.00 | 54°13'55" | 23.70 | 12.83 |
| 14-15 | 50.00 | 275°55'40" | 240.79 | 18.95 |
| 15-16 | 25.00 | 43°25'54" | 18.95 | 9.90 |
| 16-17 | 325.00 | 19°14'54" | 109.18 | 55.10 |
| 20-21 | 320.00 | 70°13'25" | 392.20 | 225.00 |
| 27-26 | 470.00 | 43°51'08" | 359.72 | 189.18 |
| 25-24 | 390.00 | 70°13'25" | 465.74 | 267.10 |



Express is Restricted
SHEET 1 OF 3

4
82,876[±]
or
1.902 AC.

5
87,056[±]
or
1.998 AC

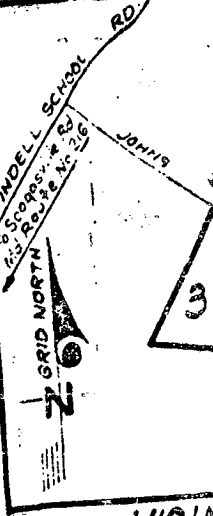
3
42,835[±]
or
0.983 AC.

8
45,207[±]
or
1.040 AC.

9
47,908[±]
or
1.100 AC.

10
67,970[±]
or
1.560 AC.

SEE SHEET 3 OF 3



Roland Gravel
919 Montgomery St.
Laurel, Md. 20707

725-1529

B 7 **5734** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

40-81-2395
 fill in this form completely

Date Received _____

OWNER INFORMATION

8 13
ACM CORPORATION
 15 Last Name Owner First Name 34
5520 CEDAR LA.
 36 Street or RFD 55
COLUMBIA **MD 21094**
 57 Town 70 State 72 Zip 76

B 3 **LOCATION OF WELL**

1 2
HOWARD
 8 COUNTY 21
P113 TXM41 GR101S
 23 SUBDIVISION 42
 SECTION **44-46** LOT **48-50**
ANDERSON
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **3** **M** **I**
 73 76 77 78

DRILLER INFORMATION

Ralph MAYNE **203**
 Driller's Name 77 License No. 80
Ralph Mayne (well drilling)
 Firm Name
9120 Brown Church Rd Mt Airy
 Address
Ralph Mayne 10/23/87
 Signature Date

B 4 **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

FLAMEWOOD RD.
 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 **800** 37
 DISTANCE FROM ROAD
 ENTER FT or MI **FT**
 38 39

B 2 **WELL INFORMATION**

1 2
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**
 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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 HEALTH DEPARTMENT APPROVAL)

T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER
 HEALTH DEPARTMENT APPROVAL

Howard **A39086**
 COUNTY NAME COUNTY NO.
 OEP SIGNATURE STATE HEALTH INSERT S 41
 DATE ISSUED **11/05/87** **Cam Wied** **5/5/88**
 43 48 CO SIGNATURE EXP. DATE
 NORTH GRID **485000** EAST GRID **082000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **750** FEET
 24 28

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

METHOD OF DRILLING (circle one)

BORED (or Augered) **JETTED** **Jetted & DRIVEN**

AIR-ROtary **AIR-PERcussion** **ROtary** (Hydraulic Rotary)

CABLE **REVerse-ROtary** **DRive-POINT**

other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- well**
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

520
480

000
 000

12-3-87 location ok
 74 ft casing
 50 ft open hole
 15 bag cement
 3 ft above ground
 JENadeau

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

D 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 (OEP USE ONLY)

APPROP. PERMIT NUMBER _____ 54 **G A P** 63

FORCE **CL** WRITE INITIALS IN BOX PERMIT No. **40-81-2395**
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS **922-1333 - 95-0133**

