

*11/1/84*  
*ready at 10:00 AM*

*W.P.I. - 11/7/84*  
*04-339339*

*approved 11/1/84*  
*Stayer*  
*P 34501*

# PERMIT

A 27496

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY  
DISTRICT 4th.

INDEXED

DATE 10/22/84

Hy and Lowe IS PERMITTED TO INSTALL X ALTER

ADDRESS 7000 Warfield Road, Gaithersburg, Maryland 20760 PHONE 253-926-5924

SUBDIVISION Jaycox Property ROAD 2430 Duvall Road LOT 16

PROPERTY OWNER John & Beth Penn  
18015 Bently Road

ADDRESS Sandy Spring, Maryland 20860

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 168 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 4 1/2 feet of stone below distribution pipe. LOCATION: Start the first trench 125 feet from the front (190') lot line and 35" from the right (350') lot line. Run trenches along level ground, connected to one another with a distribution box.

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. Trenches must have 10 feet between each trench.

PLANS APPROVED BY Craig Williams DATE 6/13/84

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 AND AFTER PLACING GRAVEL IN TRENCH.

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.

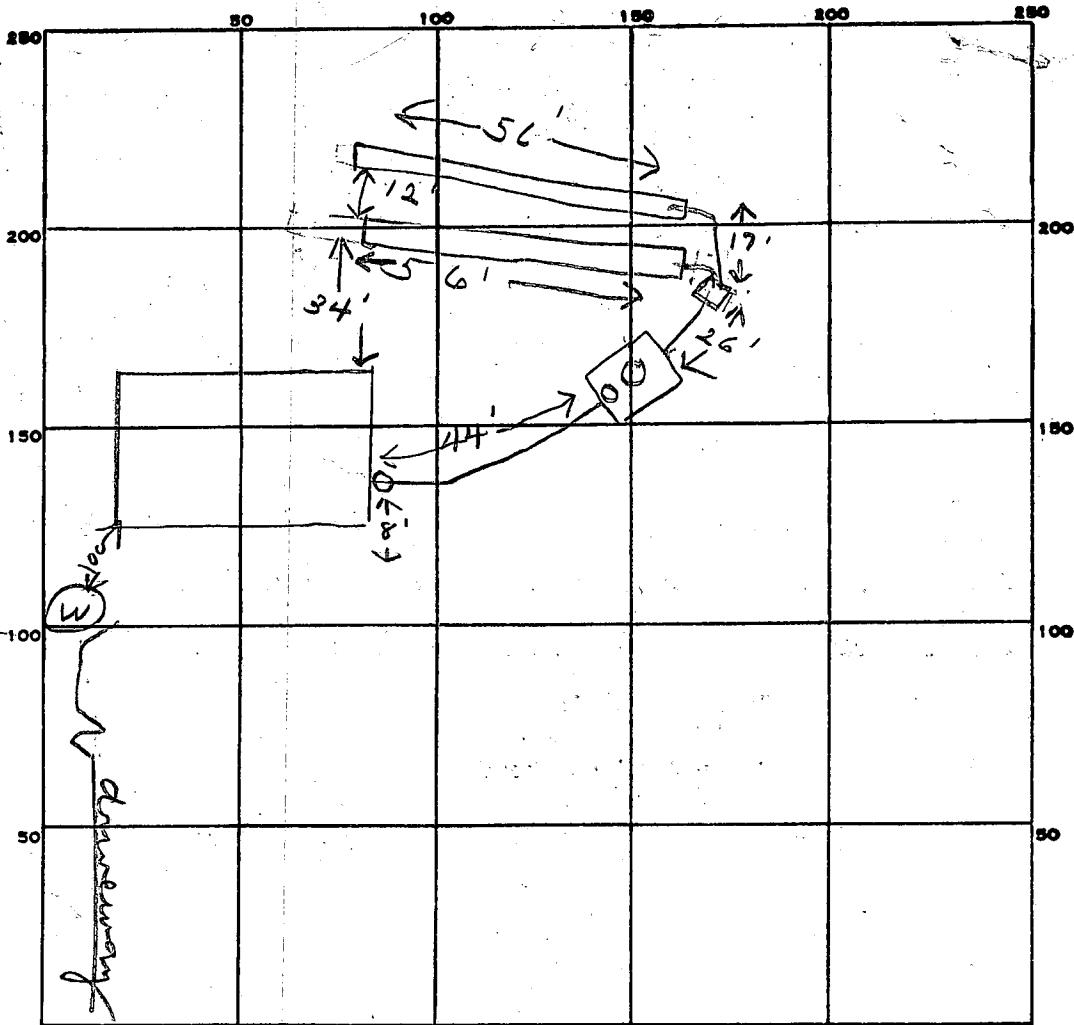
PERMIT VOID AFTER THREE YEARS.

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.

BLDG. PERMIT SIGNED  
AND RETURNED 4/7/86  
*Seal # 69630 Garage*  
*A 27496*

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

✓ Duvall Rd

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL ✓ 1000 gal

CLEANOUTS ST ✓ 1 man hole

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 4 1/2' TOTAL LENGTH 112 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 504

112  
43  
-----  
560  
448  
-----

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 504 SQ. FT.

REMARKS 11/1/84 OK to add stone in trenches  
OK to cover work to septic tank. JF  
11/1/84 OK to cover all work JF

DATE SYSTEM APPROVED 11/1/84

INSPECTOR Stayer

PRELIMINARY

# APPLICATION

A 27496

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 4th

DATE 1/25/78

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

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.

*John + Beth Penn*

PROPERTY OWNER John T. & William L. Swann

ADDRESS 18015 Bently Road  
12979 Clarksville Pike, Highland, Md. 20777 PHONE \_\_\_\_\_

*Sandy Spring, Md 20860.*

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 6B Lot #4-16

ROAD AND DESCRIPTION 2430 Duvall Road

SIZE OF LOT 3 acres m/1 TYPE BLDG. 3 or 4 bedrooms  
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 /s/ William L. Swann BLDG. PERMIT SIGNED AND RETURNED 8/6/84

*Serial # 00102579*

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

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

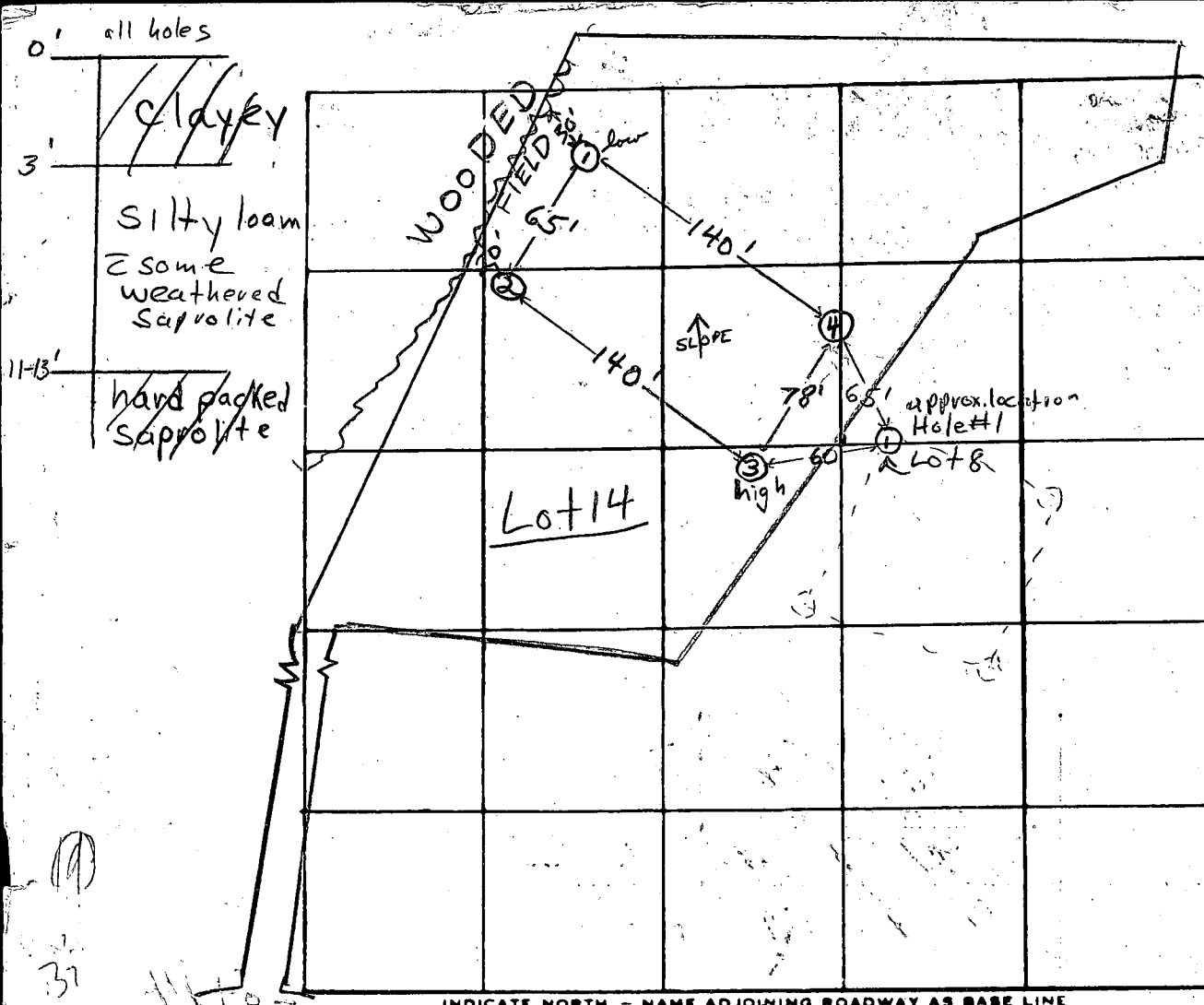
HOLD PENDING FURTHER TESTS Frank Skinner DATE 8/18/78

REASONS FOR REJECTION OR HOLDING 8/8/78 It appears that due to the placement of lot lines a suitable house/well site is not available. Hold for re-test T. Skinner

3/19/79 or certified hole location

*Frank Skinner*

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

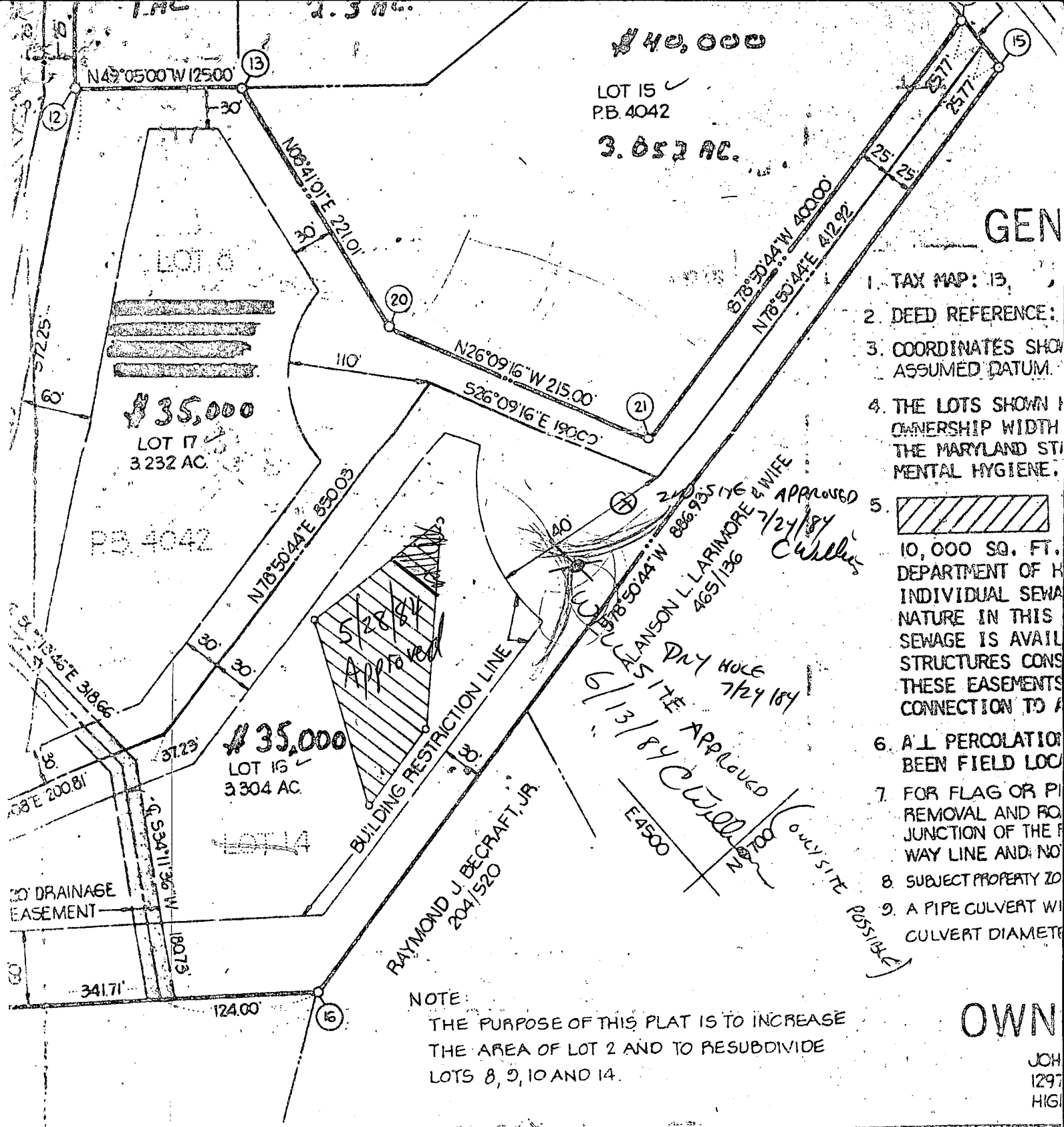
Duvall Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/23/78	1 low	3 1/2'	10:26	10:28	10:28	10:31	3 min	
	1A	13'	10:21	10:46	10:46		FAILS	
	2	5'	10:39	10:46	10:46	10:52	6 min	
	2A	13'	10:39	10:41	10:41	10:46	5 min	
	3 high	4'	10:57	11:02	11:02	11:08	6 min	
	3A	12 1/2'	10:57	11:30	FAILS			
	4	12 1/2'	Clayey to 3', silty loam below					
	1B	12'	11:30	11:33	11:33	11:43	10 min	
	3B	11 1/2'	11:57	11:58	11:58	11:59	re pour	
	3B	retest	12:01	12:03	12:03	12:07	4 min	

REMARKS resubdivision of Lot 8 (not yet recorded) Shallow system. Hold for Certified hole locations

TYPE OF SOIL clayey to 3-4', silty loam with some weathered sapprolite below

TESTED BY F.S. & L.S. ALSO PRESENT: W. Swann, O. Ketterman Jr. & III



#40,000

LOT 15  
P.B. 4042

3.652 AC.

#35,000

LOT 17  
3.232 AC.

P.B. 4042


#35,000

LOT 16  
3.304 AC.

NOTE:

THE PURPOSE OF THIS PLAT IS TO INCREASE THE AREA OF LOT 2 AND TO RESUBDIVIDE LOTS 8, 9, 10 AND 14.

GEN

1. TAX MAP: 13
2. DEED REFERENCE:
3. COORDINATES SHOWN ASSUMED DATUM.
4. THE LOTS SHOWN WITH OWNERSHIP WIDTH THE MARYLAND STATEMENTAL HYGIENE.
5.  10,000 SQ. FT. DEPARTMENT OF HEALTH INDIVIDUAL SEWAGE NATURE IN THIS SEWAGE IS AVAILABLE STRUCTURES CONSTRUCT THESE EASEMENTS CONNECTION TO A
6. ALL PERCOLATION BEEN FIELD LOC
7. FOR FLAG OR PIPE REMOVAL AND REJUNCTION OF THE PWAY LINE AND NO
8. SUBJECT PROPERTY TO
9. A PIPE CULVERT WITH CULVERT DIAMETER

OWN

JOHN  
1297  
HIGH

## SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF PART OF THE LANDS CONVEYED BY C. MILTON JAYCOX AND MABLE H. JAYCOX, HIS WIFE, TO JOHN T. SWANN AND WILLIAM L. SWANN BY DEED DATED SEPTEMBER 10, 1976 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 785 AT FOLIO 291 SAID PARCEL ALSO BEING A RESUBDIVISION OF LOT 2 AS SHOWN ON A PLAT OF SUBDIVISION ENTITLED "C. MILTON JAYCOX PROPERTY, LOTS 1, 2, 3 AND 4" RECORDED AMONG THE RECORDS SAID IN PLAT BOOK 3002 AND A

RECORDED AS PLAT 52  
AMONG THE LAND RECORDS

C. MILTON  
JAYCOX  
LOTS

A DEED...

OF THE  
IN OF  
FINAL PLAT  
ON BUILDING  
PROPERTY ARE  
IN PLACE OF ALL  
THE RESPONSIBILITY

C1 2871 SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN GOLS. 3-6 ON THE CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER A 27496

DATE Received [ ] DATE WELL COMPLETED 073084 Depth of Well 180 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0628

OWNER RENN JOHN  
 STREET OR RFD last name 2430 DUBALL RD first name TOWN DAISY  
 SUBDIVISION JAYCOX PROP SECTION LOT 14

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	
Brown Shale	0	35	
Blue Rock	35	180	✓

DRY Well 300'  
 Filled in with cement & drilling materials

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)  
 TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)  
 NO. OF BAGS 8 NO. OF POUNDS 752  
 GALLONS OF WATER 48  
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 34 ft.

CASING RECORD  
 casing types insert appropriate code below  
 STEEL (ST) CONCRETE (CO)  
 PLASTIC (PL) OTHER (OT)  
 MAIN CASING TYPE S  
 Nominal diameter top (main) casing (nearest inch) 6  
 Total depth of main casing (nearest foot) 39

OTHER CASING (if used)  
 diameter inch depth (feet) from to

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

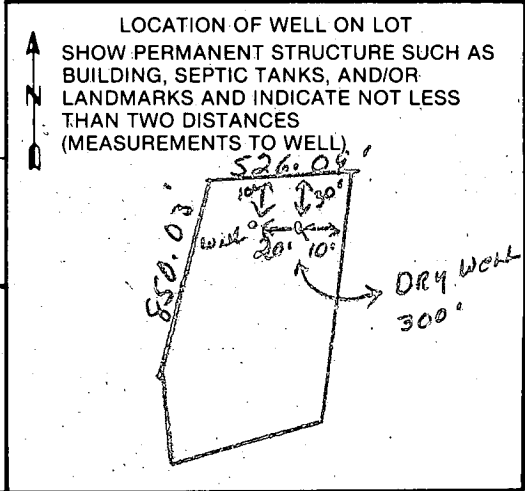
DEPTH (nearest ft.)  
 1 40 38 180  
 2  
 3  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) WQ  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 9  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 48 WHEN PUMPING 81  
 TYPE OF PUMP USED (for test) 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) PUMP HORSE POWER  
 PUMP COLUMN LENGTH (nearest ft.)  
 CASING HEIGHT (circle appropriate box and enter casing height) (+) above (-) below LAND SURFACE (nearest foot)



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 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. 238  
 DRILLERS SIGNATURE Joseph L. Morgan  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)





- ① Electric wire installed
- ② Ground wire installed
- ③ Pressure adapter installed
- ④ Water line
- ⑤ O.K. To Cover Wires & Water Line
- ⑥ Pressure Tank ~~not~~ not yet installed

11/6/84

B. Hodger

*Amended Permit valid date*

B 1 **6755** SEQUENCE NO. (OEP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS.)

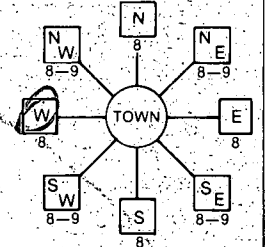

STATE OF MARYLAND *# 60102*  
 PERMIT TO DRILL WELL  
 please print or type.

OEP PERMIT NUMBER  
**H0-81-0628**  
 fill in this form completely

Date Received *7/30/84 - 9:30*  
**062589** OWNER INFORMATION  
**PENN** **JOHN**  
**PENNETT JOHN NEEDS**  
 15 Last Name 21 Owner 27 First Name 34  
**18015 BENTLY RD**  
 36 18015 BENTLY Street or RFD 55  
**SANDY SPRINGES MD 20860**  
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**C. MILTON Jaycox Prop.** SUBDIVISION  
 SECTION **DAISY** LOT **14**  
 52 NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **1 1/2** MI

DRILLER INFORMATION  
*Joseph L. Wayne* **238**  
 Driller's Name 77 License No. 80  
*Joseph L. Wayne*  
 Firm Name  
*5512 Ridge Rd. Mt. Airy, Md.*  
 Address  
*Joseph L. Wayne* *6/21/84*  
 Signature Date

B 4 **2430** **Duwall Road**  
 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
 NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
 DISTANCE FROM ROAD **500** FT  
 ENTER FT or MI **FT**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

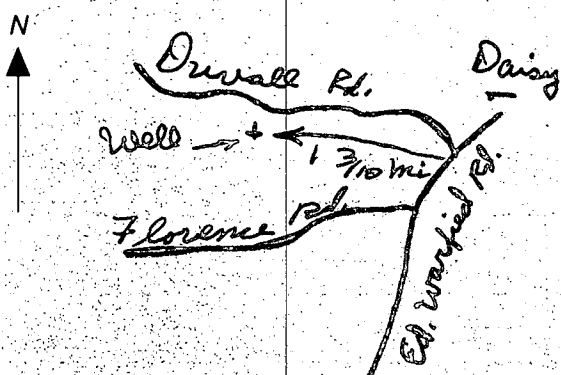
USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME  
**A27496** COUNTY NO.  
 OEP SIGNATURE *Fred Shum* STATE HEALTH INSERT S  
 DATE ISSUED **07/1/84** EXP. DATE **11/1/85**  
 NORTH GRID **536000** EAST GRID **0775000**

APPROXIMATE DEPTH OF WELL **280** 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  
 other \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. Filled dry hole  
 2. 34 - open  
 3. 3 bags cement 8 - bags cement  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
**7/30/84**  


REPLACEMENT OR DEEPENED 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  
 THIS WELL WILL DEEPEN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER **GAP**  
 FORCE **FS** WRITE INITIALS IN BOX PERMIT NO. **H0-81-0628**

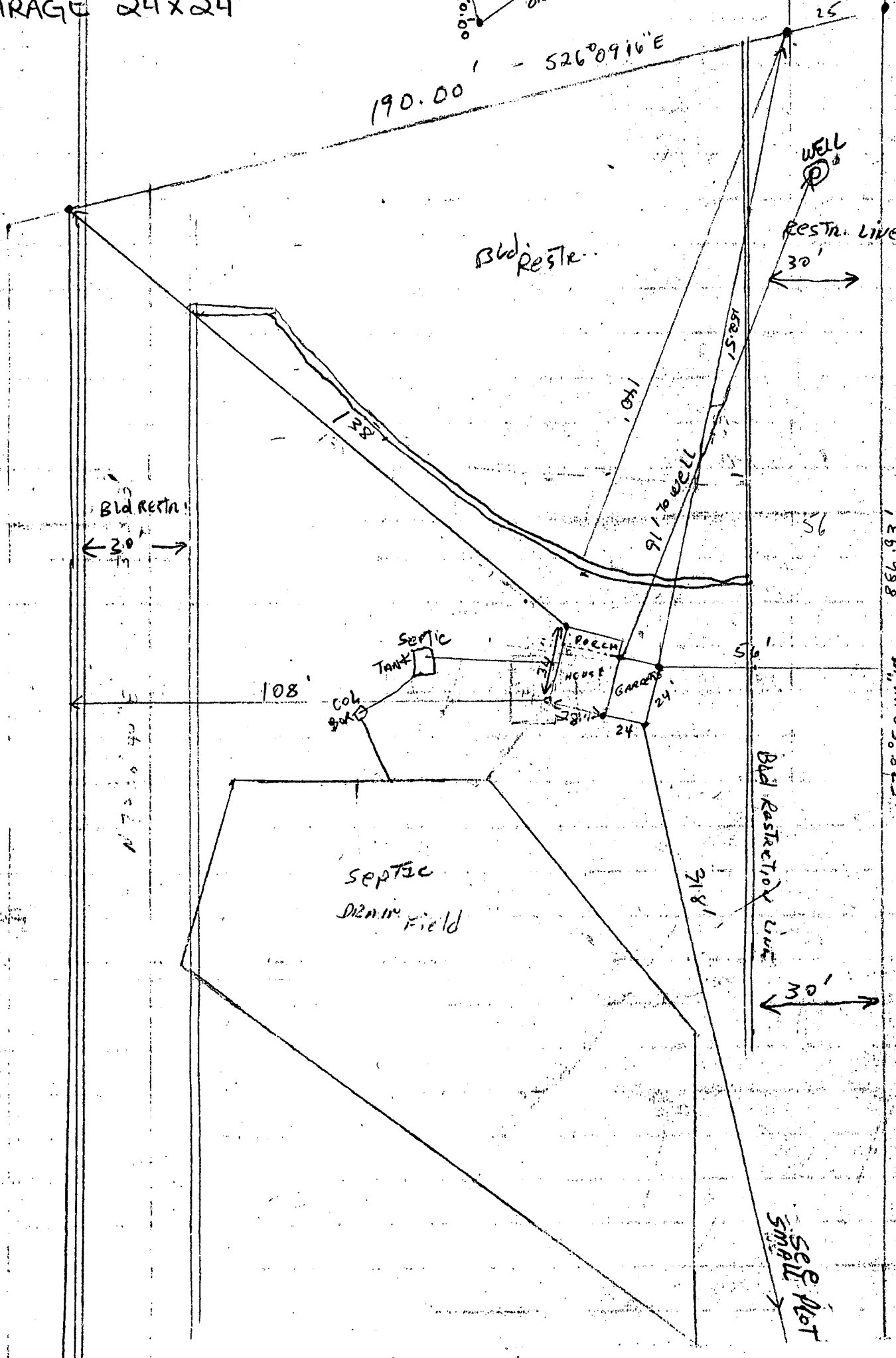
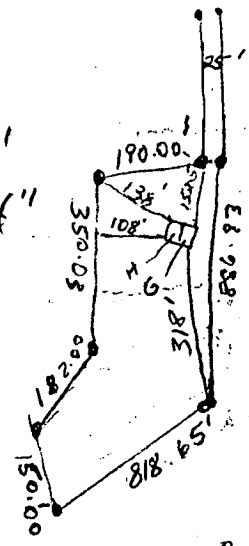
SPECIAL CONDITIONS



JOHN BELT, P.E., INC.  
 2438 DUVALL RD  
 WOODBINE M.D.

"HOUSE EXISTING"  
 "GARAGE PROPOSED"

scale 30' = 1"  
 HOUSE 28' x 28'  
 W/PORCH 28' x 34'  
 GARAGE 24' x 24'



N 78° 50' 44" E 350.03'

Bld Restr.  
 ← 30' →

Bld Restr.

WELL  
 Restr. Line  
 30'

SEPTIC TANK  
 COL. BUREAU

108'

SEPTIC  
 DRAIN FIELD

PORCH  
 HOUSE  
 GARAGE

Bld Restriction Line  
 30'

SEE PLOT  
 SMALL

E.L. 936.97  
 578.50815

Underwood - Q 863-4015 - call

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
APR 7 9 04 AM '88  
DIVISION OF  
ENVIRONMENTAL  
HEALTH