

10-2-90
10-11-88
0-3-90
12/10/88

PERMIT

-05-405599/47090
R 46399

SEWAGE DISPOSAL SYSTEM

A 37281

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 5th
DATE 9/14/89

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE SYSTEM APPROVED 10-3-90

INSPECTOR JEN
JBG

INDEXED

Hy and Lowe IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION William Contrivance LOT 21 ROAD 9462 Lovett Road

PROPERTY OWNER American Heritage Homes, Inc.

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 225

4
180
47900
225
900 sq ft area
225 linear ft.

TRENCHES - Trench to be 2 feet wide. Inlet 3½ feet below original grade. Bottom maximum depth 7½ feet below original grade. Effective area begins at 3½ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 380 feet from the front lot line and 40 feet from the left lot line. Run trenches along contour toward 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. OK(CW)
10-1-90 OK to place distribution box 365 ft from front lot line and 105 ft from the left (612.44') lot line. Run trenches on contour toward left lot line. JEN

PLANS APPROVED BY C. Williams DATE 9/02/88

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 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

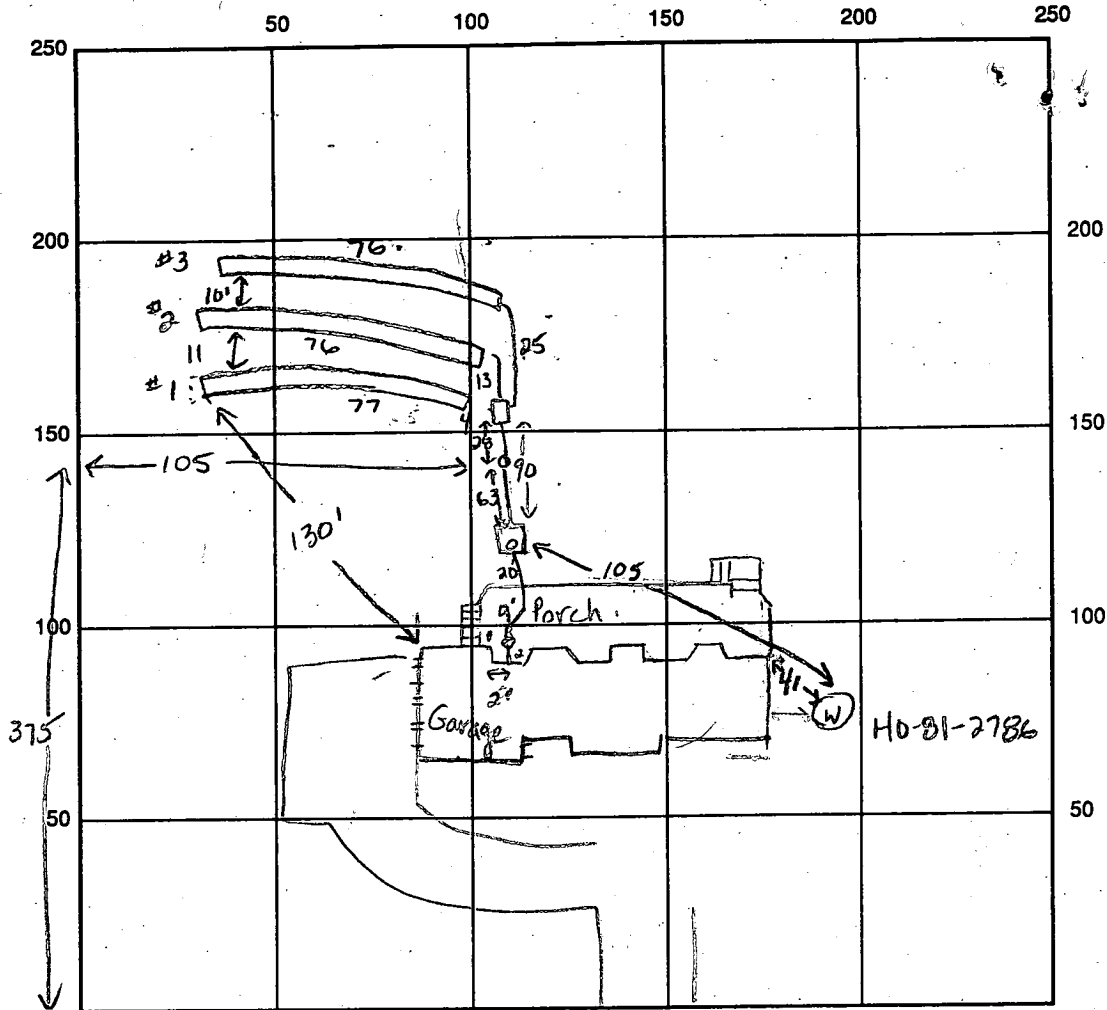
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 37281

WPI BY
EA 76 DAY
9/20/90
NO INSP



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Lovat Road

SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 at house, ONE AT SEPTIC TANK

DISTRIBUTION BOX LEVEL OK w/ baffle

DRAIN FIELD TITLE DEPTH 8 7.5 7.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5 4.5 4.5 FT. TOTAL LENGTH 77 76 76 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA 305 342 342 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 1069 SQ. FT.

REMARKS: 10-1-90 OK to continue excavating trench #1. JEN 10-2-90 OK to cover from house to dist. box. OK to stone trenches leaving ends open. JEN OK TO COVER ALL WORK 10-3-90 JBG

DATE SYSTEM APPROVED 10-3-90

INSPECTOR Jane E. Madigan / J. Fletcher

55
2.1
230
10

WILLIAMS CONTRIVANCE
LOVAT RD.

A 37281

SUBDIVISION:

LOT NUMBER: 21

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>
3 bedroom	1000 gallon
4 bedroom	1250 gallon
5 bedroom	1500 gallon

Minimum Total Square Feet

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

180 sq. ft./bedroom

Trench to be 2 wide.

Inlet 3 1/2 feet below original grade.

Bottom maximum depth 7 1/2 feet below original grade.

Effective area begins at 3 1/2 feet below original grade.

4 feet of stone below distribution pipe.

- 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: START THE FIRST TRENCH 380' FROM
THE FRONT LOT LINE AND 40' FROM THE
LEFT LOT LINE, RUN TRENCHES ALONG CONTOUR
TOWARD REAR LOT LINE.

9/2/88 CWJ/cha

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 372P1

P _____

DISTRICT 5th

DATE 6/26/86

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 ~~G. Ellsworth Jager~~ American Heritage Homes Inc 384-7479

ADDRESS 11788 Route 216 Fulton, Maryland 20759 PHONE 725-2075

PROPERTY LOCATION:

SUBDIVISION Williams Contrivance LOT NO. NEW A 21

ROAD AND DESCRIPTION 9462 End of Lovet Road

SIZE OF LOT 3.4 acres TYPE BLDG. residential
(NUMBER OF BEDROOMS)

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.

C. Ellsworth Jager
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4 Aug 86 Perce O/R Hold for Plat B/P

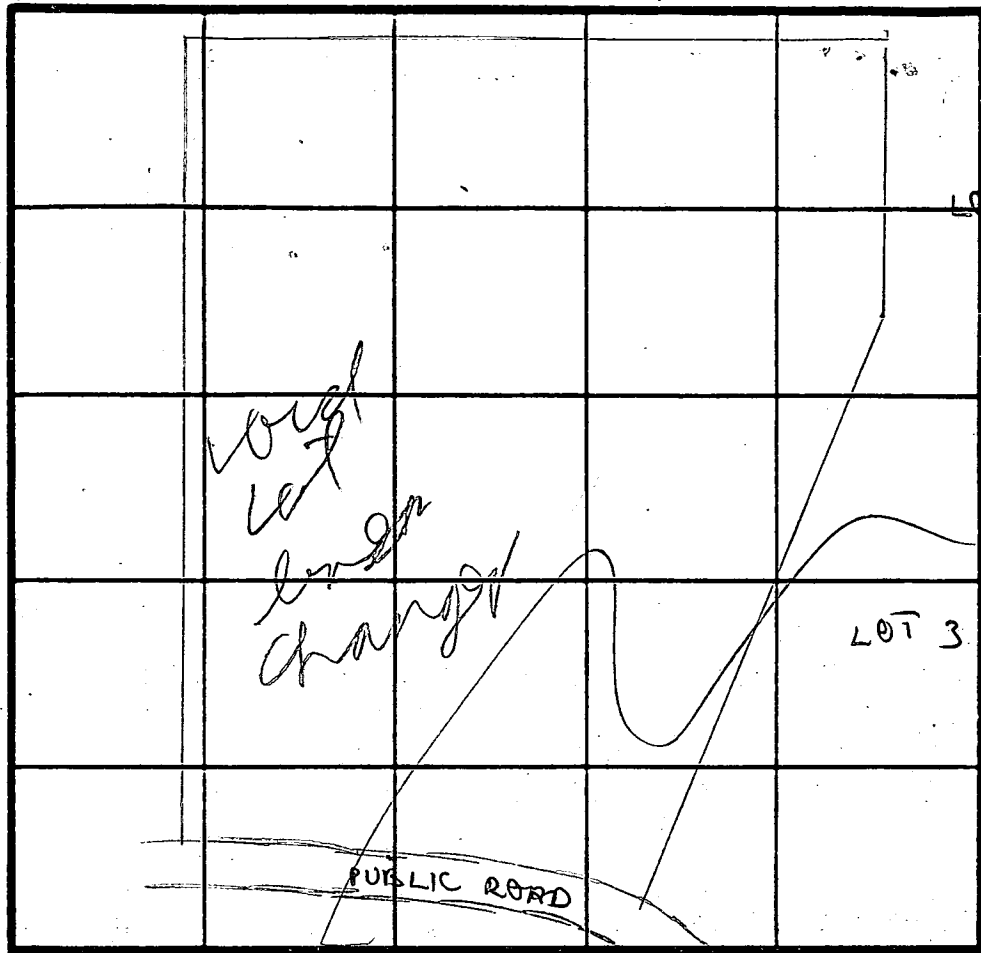
BLDG. PERMIT SIGNED
AND RETURNED 6/12/89

BP 26948 MR

THIS IS NOT A PERMIT

SOIL PROFILE

0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

LOUAT RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH 12 10/9

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

A 37281

P _____

DISTRICT 5th

DATE 6/26/86

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 C. Ellsworth Iager

ADDRESS 11788 Route 216 Fulton, Maryland 20759 PHONE 725-2075

PROPERTY LOCATION:

SUBDIVISION Williams Contrivance LOT NO. A 21

ROAD AND DESCRIPTION End of Lovet Road

SIZE OF LOT 3.4 acres TYPE BLDG. residential
(NUMBER OF BEDROOMS)

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.

C. Ellsworth Iager
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

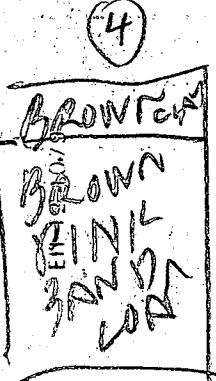
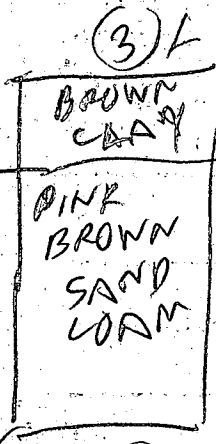
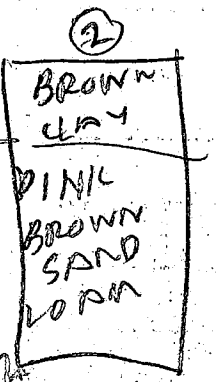
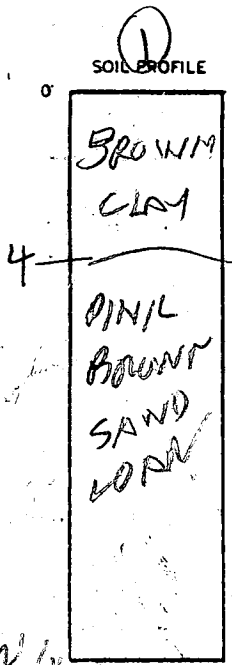
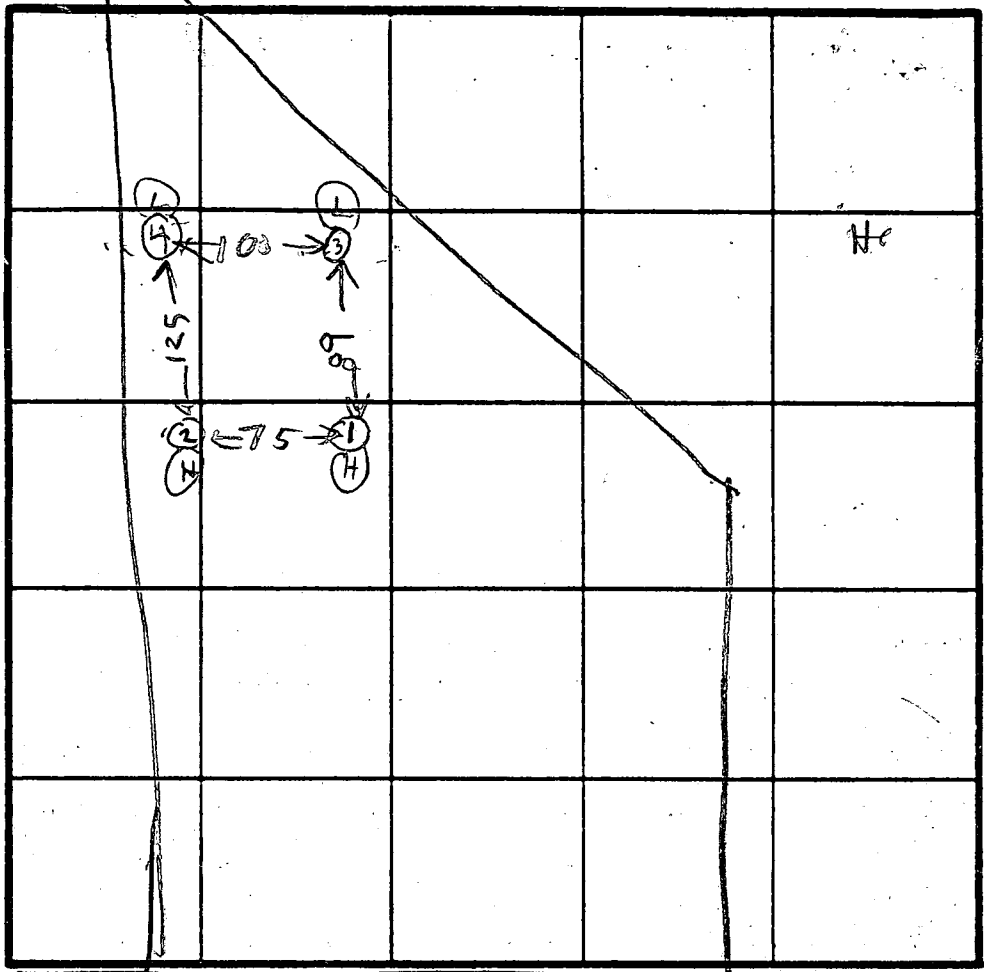
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Lot new 4



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
LOVAT RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/4/86	1S	5.5	1233	1236	1236	1237	8
	1D	12.5	LOOKS OK	OK			
2/4/86	2S	3.5	1235	1238	1238	1239	3
	2D	7	1235	1236	1237	1238	1
	2V	12	LOOKS OK				
	3S	3.5	1241	1253	1253	130	37
	3V	12					
	4S	4	1244	1245	1245	1247	3
	4V	12	LOOKS OK	OK			
	3M	4 1/2	215	216	216	217	1

REMARKS: Holes Dry close to new test plat locations

TYPE OF SOIL: _____

TESTED BY: R. HODGES

ALSO PRESENT: ROCK, ROY, SKIP

Well 8:00 7-13-88

Review ok 8/25/88 CW

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2786
 Location of property (road) Lowert Rd.
 Subdivision Williams Contivance Lot 21 Block Plat Sec.
 Well Driller George Easterday Owner American Heritage Homes
 Depth of well 380 25 GPM
 Distance of measuring point (M.P.) above ground 2 ft
 Static water level (S.W.L.) below M.P. 31 ft

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 10 gpm
 Total time 15 min to reach pumping water level 108 ft. below M.P.

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

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill $\frac{1}{2}$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:15	108'	6 sec	10	10 gpm
9:30	129'	6	Pump at 300'	10
9:45	149'	6	H. Hancock	10
10:00	168'	6		10
10:15	173'	6		10
10:30	178'	6		10
10:45	183'	6		10
11:00	186'	6		10
11:15	190'	6		10
11:30	192'	6		10
11:45	195'	6		10
12:00	197'	6		10
12:15	199'	6		10

B 1 **6491** SEQUENCE NO. (DP-USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

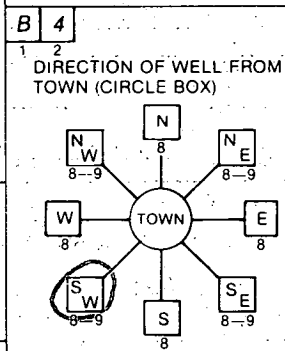
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
110-81-2786
 fill in this form completely

Date Received (APA) **051788**
 OWNER INFORMATION
AMERICAN HERITAGE
 15 Last Name Owner First Name 34
18228 DARNELL DR
 36 Street or RFD 55
OLNEY **MD20832**
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD COUNTY
WILLIAMS CONTRIVANCE SUBDIVISION
 SECTION **21** LOT **21**
FULTON NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
 George F. Easterday **40**
 Driller's Name 77 License No. 80
L. Franklin Easterday, Inc.
 Firm Name
9265 Brown Church Rd., Mt. Airy, Md. 21771
 Address
George F. Easterday **4/26/88**
 Signature Date



LOVAT RD NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH
 WEST EAST
 SOUTH
200 DISTANCE FROM ROAD
 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
 A-37281 COUNTY NO.
 STATE SIGNATURE _____ INSERT S _____
 DATE ISSUED _____
060888 CO SIGNATURE *John A. ...* EXP. DATE **12-8-88**
 NORTH GRID **477000** EAST GRID **0818000**

APPROXIMATE DEPTH OF WELL **200** FEET

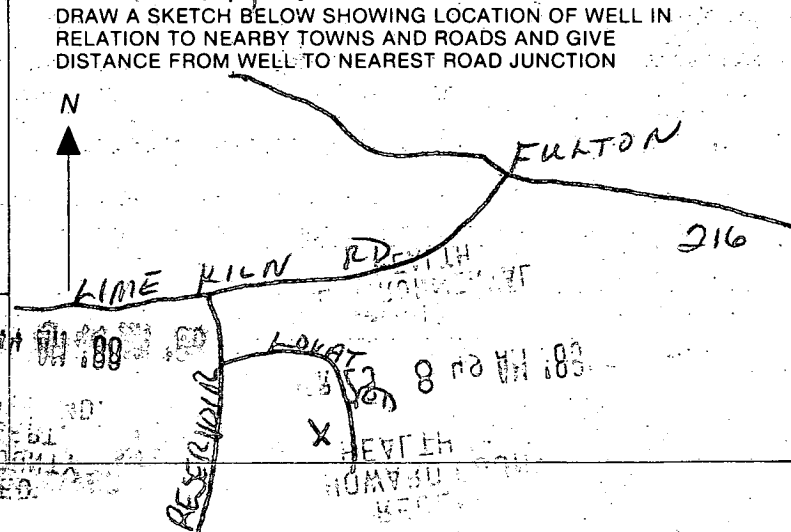
APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary Drive-POINT
 other _____

REPLACEMENT OR DEEPEMED 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 DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **SA** WRITE INITIALS IN BOX PERMIT No. **110-81-2786**

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 **818**
 N **477**
 000
 000
 7/7/88 11:00
 Did NOT GROUT
 (yield in question)
 still drilling - 160'
 7/13/88
 GROUT SET-UP HAND,
 DONG SOME DAY PREVIOUSLY
 C. Wall



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

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # 46397
Date 9/27/90

Name of Installer L. Franklin Easterday Jr.

Telephone 831-7057

License Number _____

Certified Well Pump Installer

Well Driller

Registered Plumber

Name of Property Owner Allen Schwes

Telephone 774-6283

Subdivision WMS Carriwance

Lot # 21

Well Tag # HO-81-2786

Site Address Lot Dn.

Pump

1. Type

- a. Deep well jet _____
b. Shallow well jet _____
c. Submersible

2. Make Goulds Pump

3. Model # 5ES07422

4. Capacity 5 GPM

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 arrestors _____ Cable guards Other _____

Motor

1. Horsepower 3/4

2. RPM 3450

3. Voltage _____

a. 110 _____

b. 220

Pitless Adapter

1. Make Martison

2. Model # B-104

3. Depth 4

Tank

1. Capacity 32

2. Pressure relief

valve? yes

Piping

1. Type _____

2. Size 1" / 1/2" / 1/4"

3. NSF and/or BOCA Code approved yes

4. Depth of supply line 42'

Well data

1. Depth 380 ft.

2. Yield 25 GPM

3. Static water level 31 ft.

4. Will water supply be disinfected by installer? yes

9/28/90 no in sp

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).

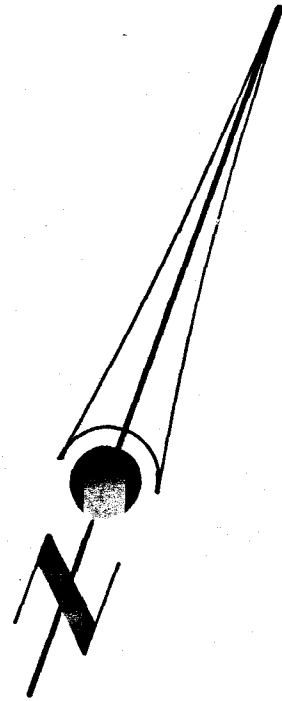
All information given above is true to the best of my knowledge.

Signature of Applicant: L. Franklin Easterday Jr.

Date: 9-20-90

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

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 12 9 03 AM '89
ENVIRONMENTAL
HEALTH



PLAN
SCALE 1"=50'

LOT 20

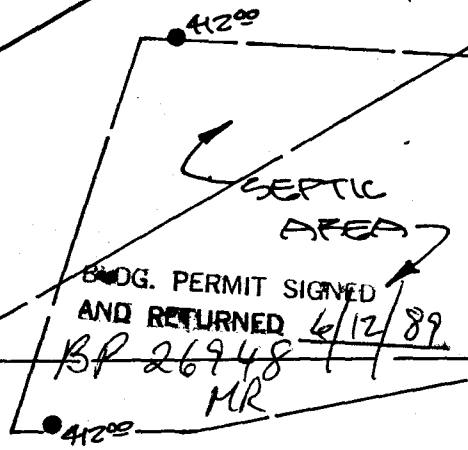
SEPTIC TANK
TOP=420.67
INV. IN=415.63
INV. OUT=415.39
MANHOLE
REG SA

LOT 21
3.046 ACRES

FF=427.99
BF=418.99
+B5MT

10-1-90 OK to place dist. box
365 ft from front lot line and

105 ft from left (612.44') lot line.
Run trenches toward left lot line



1/2' too deep
can be made up
between TANK BOX
LOT 22 PA

DRAINAGE & UTILITY ESMT.
N40°15'39"E
S70°21'40"W

LOVAST ROAD
R=2025.00
A=96.16
S88°43'42"W
75.61'
R=575.00
A=71.31'

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS TRUE AND CORRECT FOR THIS PROPERTY.

Jefferson P. Lawrence
JEFFERSON P. LAWRENCE
MD REG. PROF. SURVEYOR #5216
6-5-89
DATE

OWNER/DEVELOPER:
AMERICAN HERITAGE
HOMES
18228 CARNELL DR.
OLNEY, MD 20832
(301) 774-6283

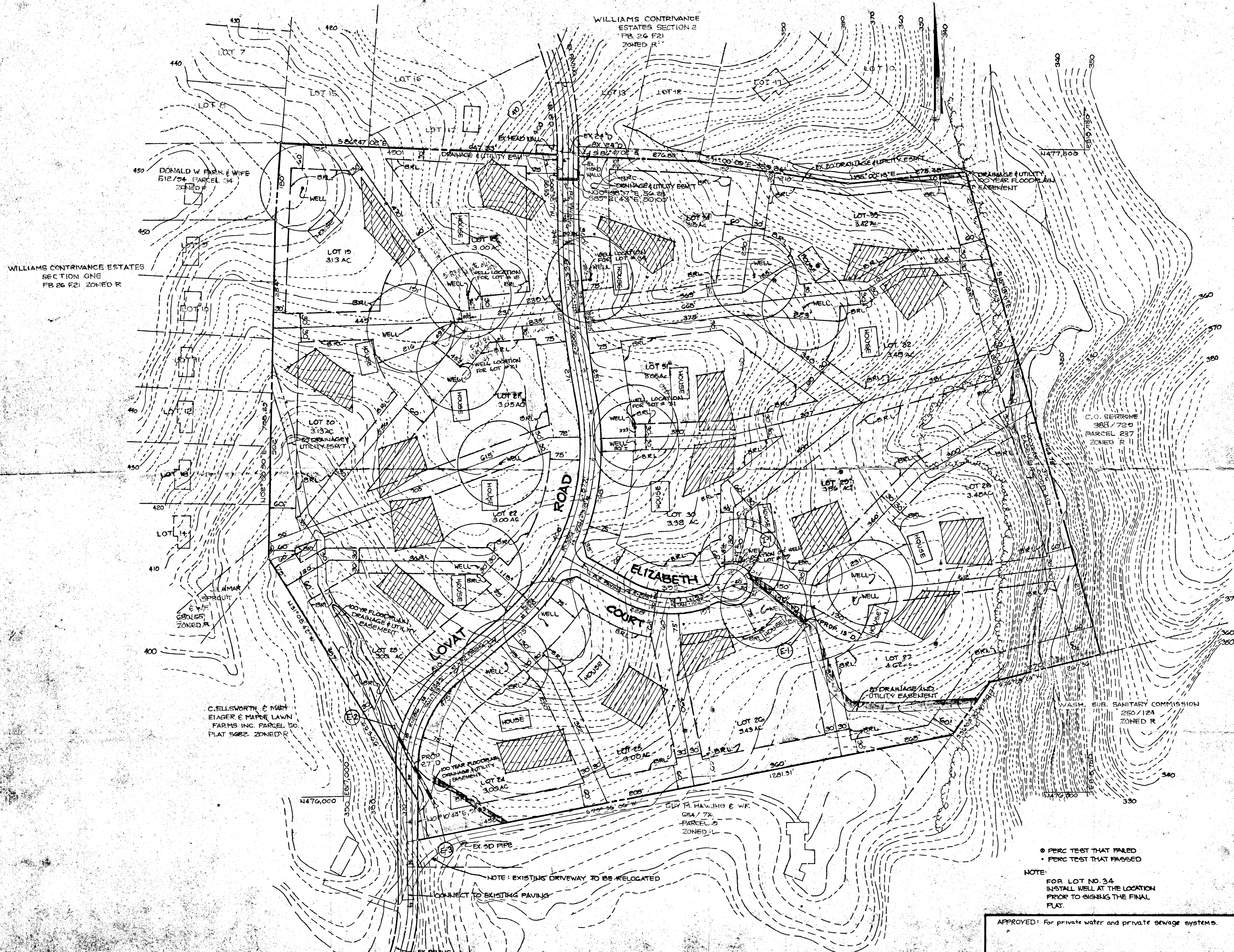
FLAT 7279
LOT 21 SITE PLAN
WILLIAMS CONTRIVANCE ESTATES
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DEVELOPMENT
CONSULTANTS
GROUP, INC.
SURVEYORS, ENGINEERS & LAND PLANNERS

17904 GEORGIA AVE. #102
OLNEY, MARYLAND 20832
301-924-4570

DATE JUNE 89	SHEET 1
DRAWN BY BCH	OF 1
CHECKED JPL	PROJECT NO. 218-01
SCALE 1"=50'	

147333



WILLIAMS CONTRIVANCE ESTATES
SECTION ONE
PB 26 F21 ZONED R

WILLIAMS CONTRIVANCE
ESTATES SECTION 2
PB 26 F21
ZONED R

DONALD W PARK & WIFE
512/34 PARCEL 34
ZONED R

C. ELLSWORTH & MARY
ELIAGER & MAPLE LAWN
FARMS INC. PARCEL 20
PLAT 5622 ZONED R

GUY M. HAWKINS & WIFE
654/74 PARCEL 5
ZONED R

WASH. SUB. SANITARY COMMISSION
250/124
ZONED R

● PERC TEST THAT FAILED
● PERC TEST THAT PASSED

NOTE:
FOR LOT NO. 34
INSTALL WELL AT THE LOCATION
PRIOR TO SIGNING THE FINAL
PLAT.

APPROVED: For private water and private sewage systems.

COUNTY HEALTH OFFICER _____ DATE _____

DATE	NO	REVISION
OWNER/DEVELOPER		
C. ELLSWORTH YAGER, ET AL. 11788 ROUTE 216 FULTON, MARYLAND 20759		
PROJECT:		
WILLIAMS CONTRIVANCE ESTATES		
SECTION 3		
AREA TAX MAP 45 PARCEL 2		
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE:		
PRELIMINARY PLAN		
THE RIEMER GROUP, INC.		
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm 3105 Heath Park Drive, Elkton City, Maryland 21043 (301) 461-2690		
DATE	5-26-01	
DESIGNED BY:	JDP	
DRAWN BY:	DOB	
PROJECT NO:	30800	
DATE:	SEPTEMBER 23, 1986	
SCALE:	1" = 100'	
DRAWING NO.	2 OF 2	

ARTHUR E. MUEGGEL #8707