

5-1-89
5-12-89
12 N 001
5/15/89

05-405718

5/12 P.C.O. C.B.D.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 44015

A 37297

DISTRICT 5th

DATE 4/21/89

DATE SYSTEM APPROVED 5/15/89

INSPECTOR R. J.

Hy and Lowe IS PERMITTED TO INSTALL ALTER

ADDRESS 7000 Warfield Road, Gaithersburg, Maryland PHONE 831-7880

SUBDIVISION Williams Contrivance ROAD 9465 Lovat Road LOT 31

PROPERTY OWNER Ben Irvin

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2-1500 GALLONS NUMBER OF BEDROOMS 6

TRENCHES - 220 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth ~~18~~ feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the first trench 235 feet up the right (304.47') lot line and 150 feet off the same lot line as seen when facing the lot from Lovat Road. Run trenches on contour toward the right 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/CY

5-1-89 Inlet on Trench # 1 to 3.5 bottom 8.5' - 5' stone due to INV. FAILS NOT ADEQUATE. ALL OTHER TRENCHES 3'-8". S.A.B.
PLANS APPROVED BY Sid Abel DATE 8/16/88

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

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

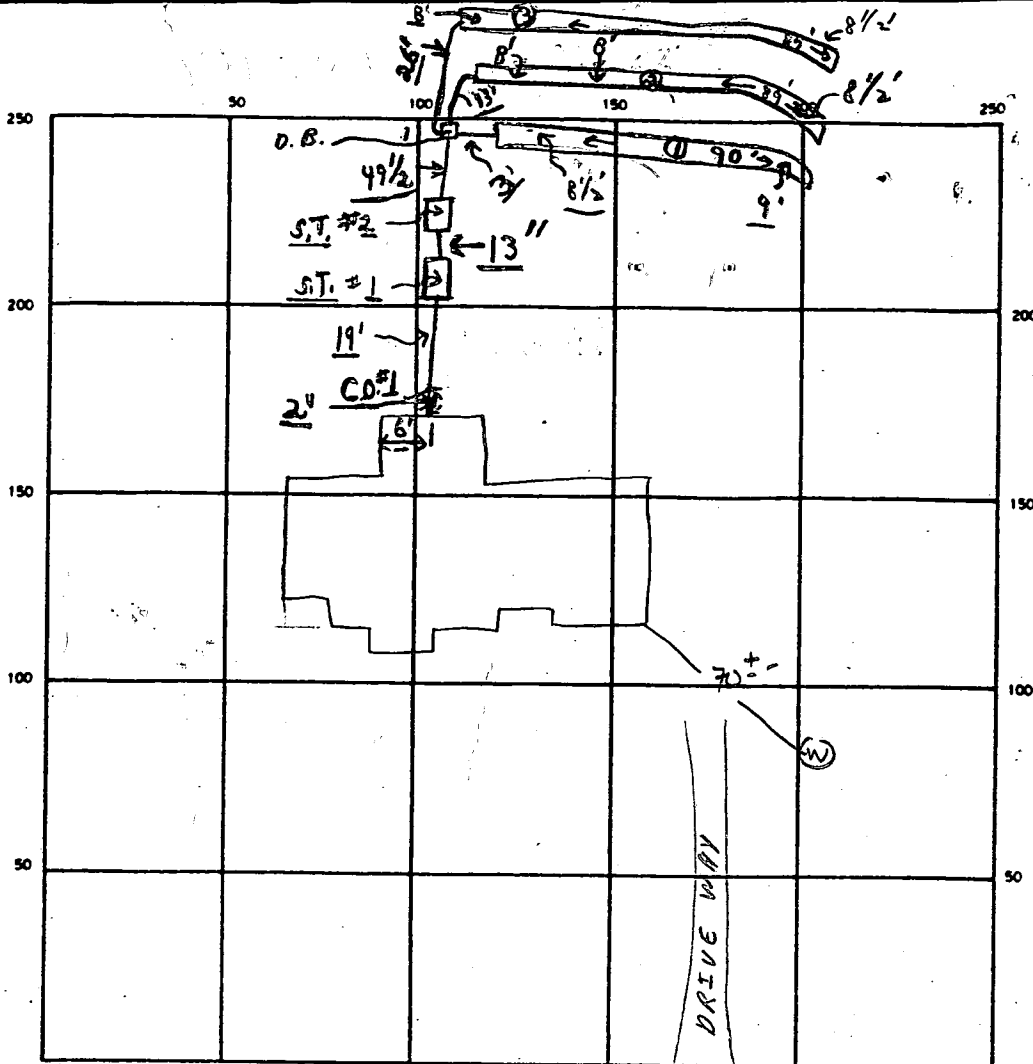
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A
37297



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

LOUAT Rd.

S.T. #1 S.T. #2 C.O. #1

SEPTIC TANK LEVEL 2 OK CLEANOUTS OK OK OK

DISTRIBUTION BOX LEVEL OK (8 off the in)

DRAIN FIELD/TILE FIELD DEPTH 8⁺ FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5⁺ FT. TOTAL LENGTH 266 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 1330 SQ. FT.

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

ABSORBENT AREA 1330 SQ. FT. FROM HOUSE

REMARKS 5/12/89 OK TO COVER TOP OF DIST BOX OK FOR
STONE IN #1 + #2 trenches; #3 trenches need
to see ends + middle of hole stone + pipe
P.M. stop 20' of trench #3 ok; (#1 + #2 trenches
3rd check 3:30's trench #3 ok. covered)

5/12 NOTE = Need to see trench at ends + middle - only
 5/15/89 LAST TRENCH OK
 DATE SYSTEM APPROVED 5/15/89 INSPECTOR Raymond Hodges C.B.A.

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 37297

P _____

DISTRICT 5th

DATE 4/26/88

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 Jager Ben Irvin

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

PROPERTY LOCATION:

SUBDIVISION Williams Contrivance LOT NO. NEW A 31

ROAD AND DESCRIPTION 9465 LOVAT End of Lovat Road TAX MAP 45

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 [Signature] FOR Deep tunnels DATE 8-16-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 8/16/88 - Per OK Hold for Plat B H

BLDG. PERMIT SIGNED

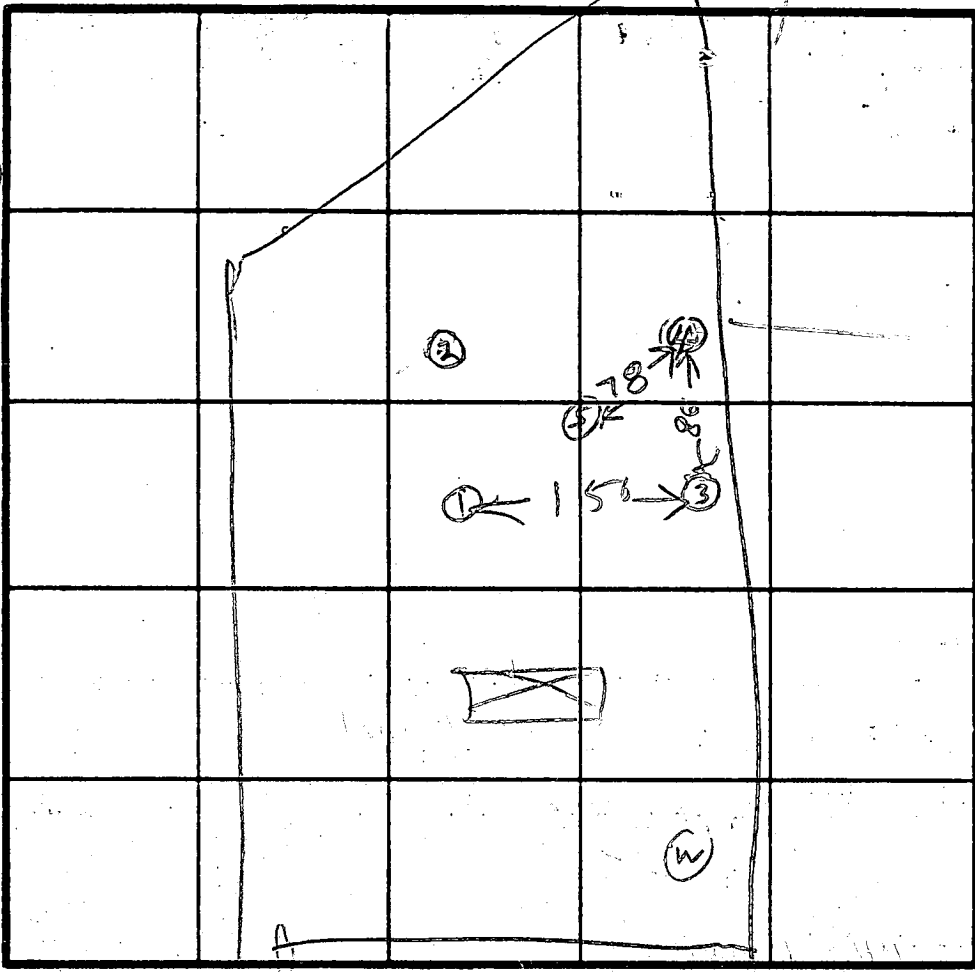
AND RETURNED 8-16-88

BP 20700

SW

THIS IS NOT A PERMIT

Lot NEW
14



SOIL PROFILE (1)(2)(4)
 0 CLAY
 2 GRAY
 BROWN
 SAND
 LOAM

(5)
 0 BROWN
 CLAY
 3 GRAY
 BROWN
 SAND
 LOAM
 11

11 1/2
 (3)
 CLAY
 GRAY
 BROWN
 SAND
 LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 LOVAT RD

ON LINE
 HOLE FOR
 HOLE 13B
 ON LINE
 HOLE FOR
 13A

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/6/86	(D) 1V	4	1000	1001	1001	1002	1
		11 1/2	LOOKS OK				
	(A) 2V	5	1004	1005	1005	1006	1
		11	LOOKS OK				
	(C) 3V	3	1009	1010	1010	1012	2
		7.5	1009	1010	1010	1012	2
	3V	10	LOOKS OK				
	(B) 4V	2	1025	1026	1126	1127	1
		11 1/2	LOOKS OK				
	5V	11	LOOKS OK				

REMARKS: Holes (1)(2)(3)(4) dug per Revised Plot
 TYPE OF SOIL: Hole (5) dug differently
 TESTED BY: R. Hodgen
 ALSO PRESENT: B. Schrock, Rocky & Skys

EH 12 1079

B 1 **6492** 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
40-88-0035
 fill in this form completely

Date Received (APA) **05/17/88**
 OWNER INFORMATION
 AMERICAN HERITAGE
 18228 DARNELL DR
 OLNEY MD 20832

B 3 LOCATION OF WELL
 HOWARD COUNTY
 WILLIAMS CONTRIVANCE
 SECTION 31 LOT 31
 FULTON
 MILES FROM TOWN (enter 0 if in town) **2 MI**

DRILLER INFORMATION
 George F. Easterday
 L. Franklin Easterday, Inc.
 9265 Brown Church Rd., Mt. Airy, Md. 21771
 Signature: *George F. Easterday* Date: 4/26/88

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 TOWN
 NEAR WHAT ROAD: **LOVAT RD**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD: **75 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
 COUNTY NAME: **Howard** COUNTY NO. **A-39297**
 STATE SIGNATURE: _____ DATE ISSUED: **070583**
 CO SIGNATURE: *Sec Bal* EXP. DATE: **01-05-81**
 NORTH GRID: **478000** EAST GRID: **0817000**

APPROXIMATE DEPTH OF WELL **200** FEET

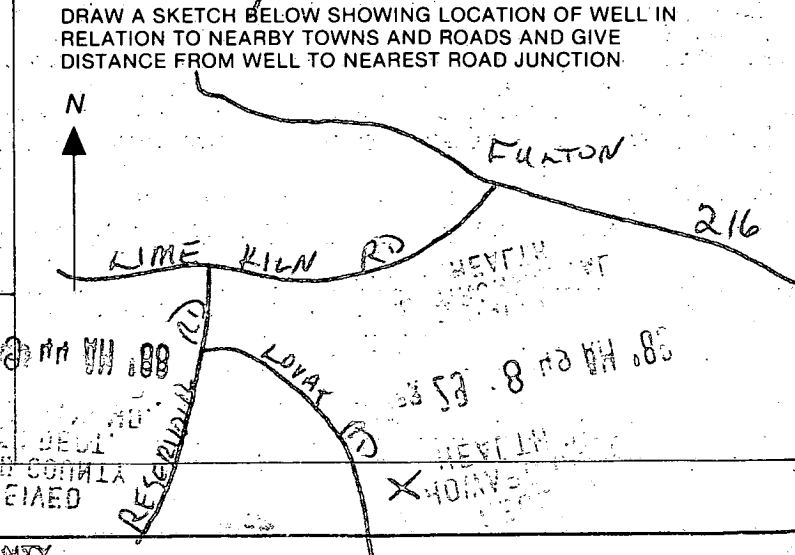
APPROXIMATE DIAMETER OF WELL **6** INCH

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 _____
 FORCE **SR** INITIALS IN BOX PERMIT NO. **40-88-0035**

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
8107
4708



C1 9693 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A 3729M

DATE Received

DATE WELL COMPLETED 07/28/88

Depth of Well 22 70 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HQ-88-0035

OWNER AMERICAN HERITAGE HOMES last name LOVEL first name RO TOWN Fulton

SUBDIVISION WILLIAMS CANTONMENT SECTION LOT 31

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Red clay, Tan mica, Be mica, Blue mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 10 NO. OF POUNDS 1000

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 1 Total depth of main casing (nearest foot) 70

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

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

DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

CIRCLE APPROPRIATE LETTER 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. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (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)

5-3-89

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 # _____ Date _____
Name of Installer G. EASTRDAY Telephone _____
License Number 40
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner IRVIN Telephone _____
Subdivision Williams Courtance Lot # 31 Well Tag # HO-88-0035
Site Address 9465 LOVAT Rd.

Pump Motor Pitless Adapter
1. Type 1. Horsepower _____ 1. Make _____
a. Deep well jet _____ 2. RPM _____ 2. Model # _____
b. Shallow well jet _____ 3. Voltage _____ 3. Depth _____
c. Submersible _____ a. 110 _____
2. Make _____ b. 220 _____
3. Model # _____
4. Capacity _____ 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 _____

Tank Piping Well data
1. Capacity _____ 1. Type _____ 1. Depth _____ ft.
2. Pressure relief valve? _____ 2. Size _____ 2. Yield _____ GPM
3. NSF and/or BOCA Code approved _____ 3. Static water level _____ ft.
4. Depth of supply line _____ 4. Will water supply be disinfected by installer?

5/3/89 - P. LOSS AT 48" - LINE 48" - 54" - INSIDE WORK NOT COMPLETE, NO PUMP SEEN. SOLN

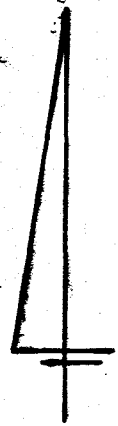
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

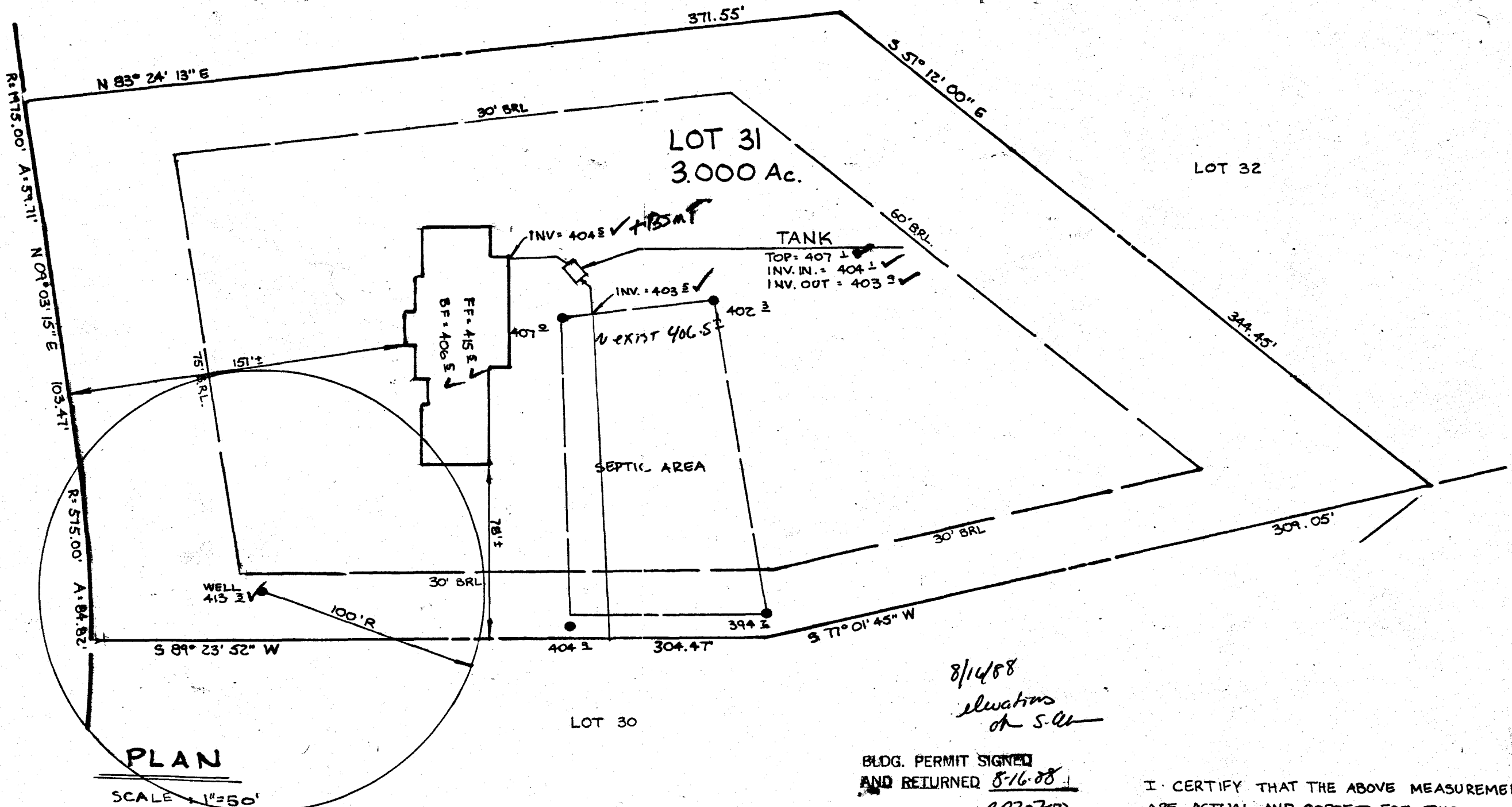
Signature of Applicant: _____

Date: _____

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



LOVAT ROAD



8/14/88
elevations
of S.A.

BLDG. PERMIT SIGNED
AND RETURNED 8-16-88
BP20700
S.A.

I CERTIFY THAT THE ABOVE MEASUREMENTS
ARE ACTUAL AND CORRECT FOR THIS
PROPERTY

Jefferson D. Lawrence
JEFFERSON D. LAWRENCE
MD. REG. PROF. SURVEYOR #5216

9-10-88
DATE

AMERICAN HERITAGE HOMES
18228 DARNELL DRIVE
OLNEY, MD 20832
(301) 774-6283



DEVELOPMENT
CONSULTANTS
GROUP, INC.

17904 GEORGIA AVENUE * 102
OLNEY, MARYLAND 20832
301-924-4570

PLAT: 7279

SITE PLAN LOT 31

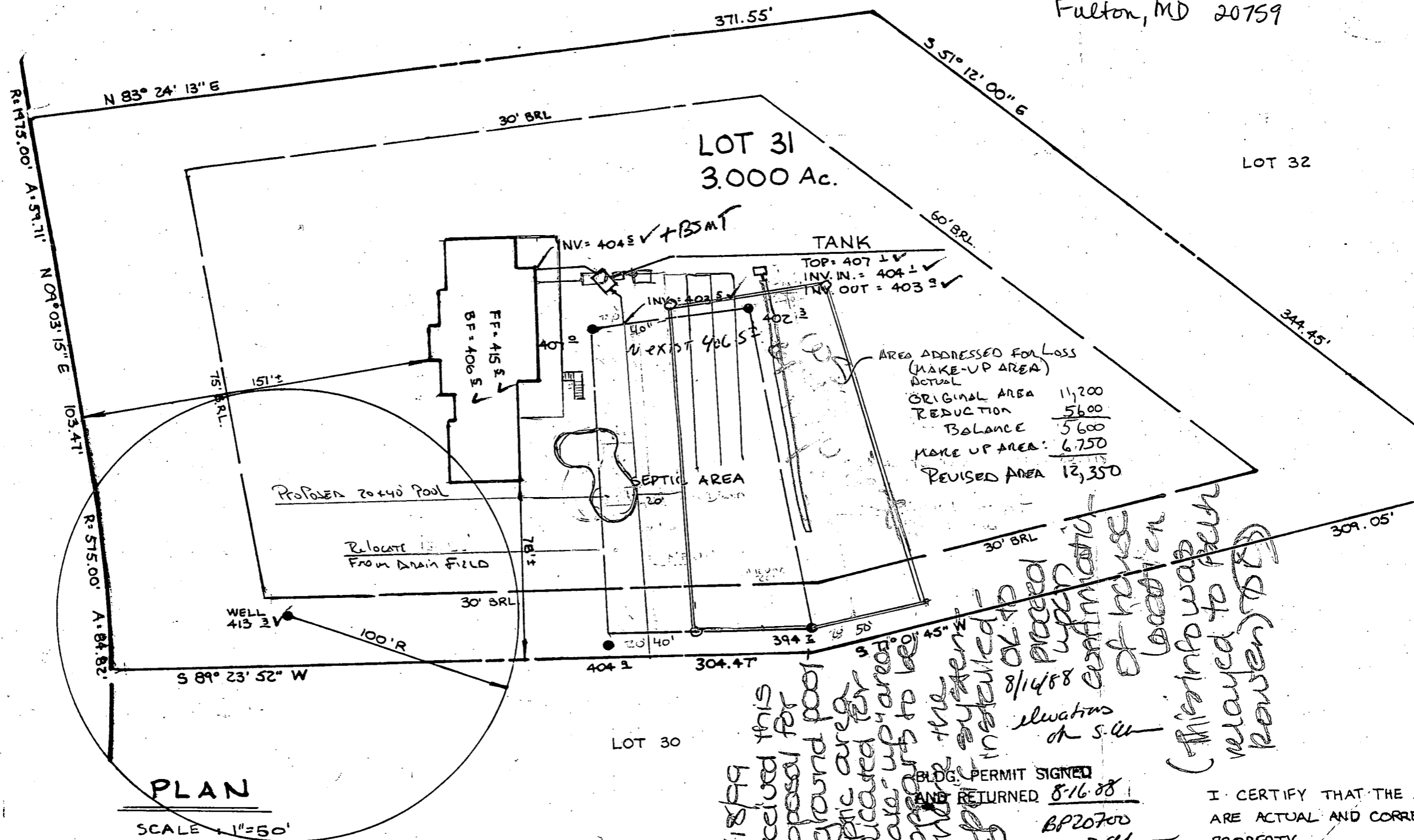
WILLIAMS CONTRIVANCE ESTATES

5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DATE JUNG, 1988	Sheet 1
DESIGN SS	of 1
CHECKED	PROJECT NO 218-01
SCALE 1" = 50'	

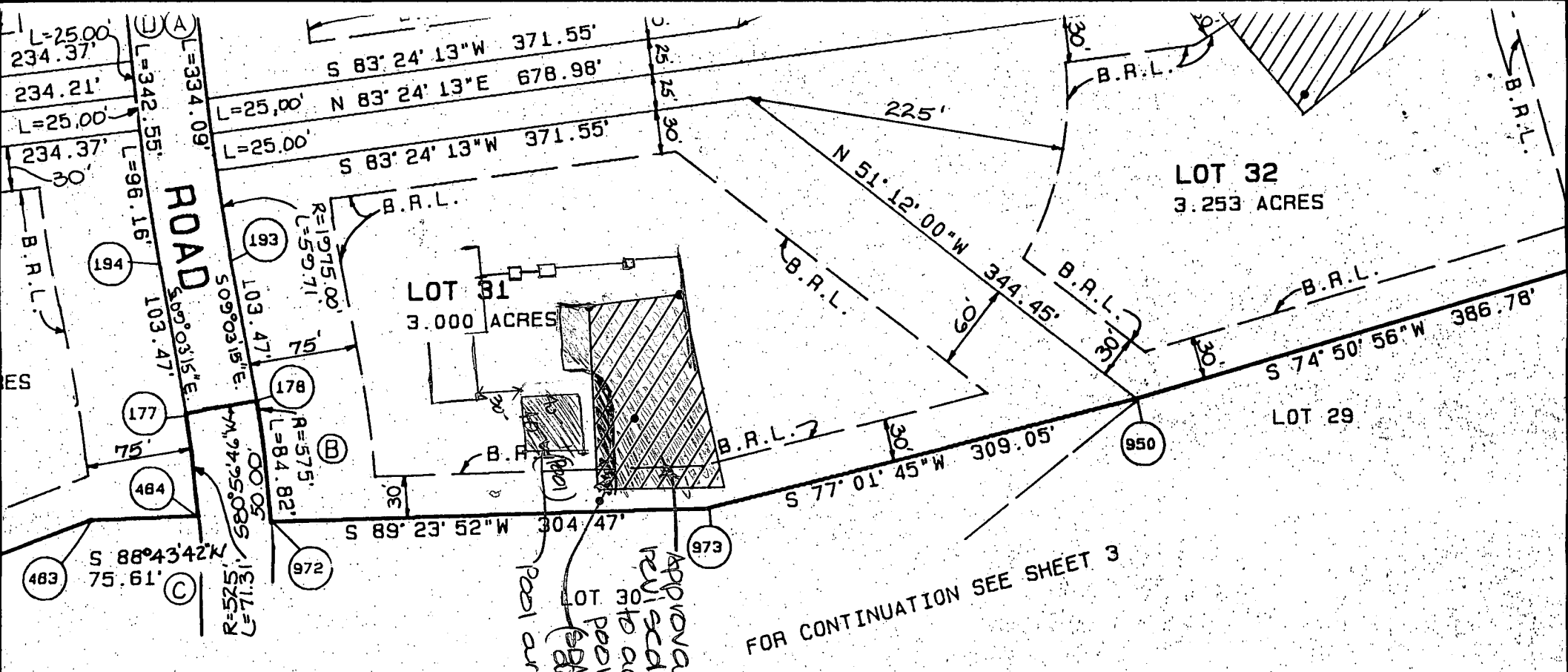
Peoples Residence
 9465 Lovat Road
 Fulton, MD 20759

LOVAT ROAD



PLAN

SCALE 1"=50'



FOR CONTINUATION SEE SHEET 3

DATA TABLE

TANGENT	RADIUS	DELTA	LENGTH	DEGREE	CHORD
167.44'	1975.00'	09° 41' 32"	334.09'	02° 54' 04"	S 04° 12' 29" E. 333.69'
42.49'	575.00'	08° 27' 06"	84.82'	09° 57' 50"	S 04° 49' 41" E. 84.74'
35.71'	525.00'	07° 46' 56"	71.31'	10° 54' 46"	N 05° 09' 46" W. 71.25'
171.68'	2025.00'	09° 41' 32"	342.55'	02° 49' 46"	N 04° 12' 29" W. 342.14'

pool area
 pool
 (SDA to be
 deleted)
 APPROVABLE
 revised SDA
 to accommodate
 pool

OWNER - DEVELOPER
 C. ELLSWORTH IAGER
 11788 ROUTE 216
 FULTON, MARYLAND 20759

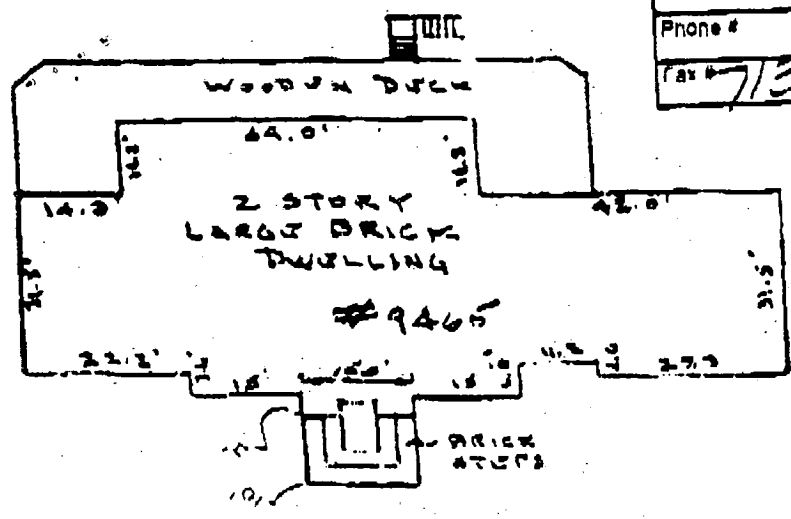
N476500

THE RI
 3105 N
 ELLICO
 301-46

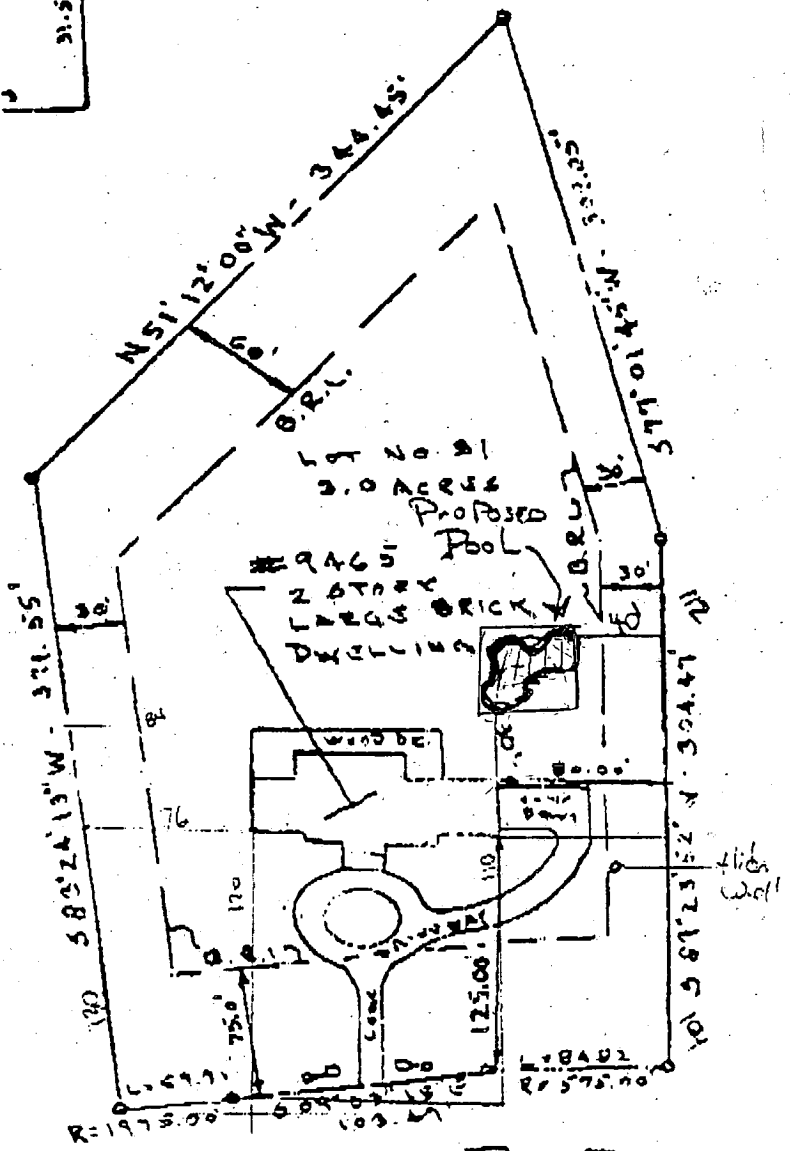
■ DENOTES 4" X 4" CONCRETE MONUMENT SET
 ● DENOTES IRON PIN SET

Post-It Fax Note	7871	Date	3-10-98	Pages	1/1
To	DR Peoples	From	DOT		
Co./Dept.		Co.			
Phone #		Phone #			
Fax #	7137920722	Fax #	3015964199		

LOCATION:



DETAIL - SCALE 1" = 30'



LOVAT ROAD
(50' R/W)

ing known & designated as lot No. 31, shown on the Plat entitled "WILLIAMS CONTRIVANCE ESTATES, Section 3, lots 18 thru 21 & 31 thru 34" Howard County Plat Book No. 7279



Location survey measurements are +/- 1'.

DO NOT CONSIDER THIS SURVEY AS A GUARANTEE OF ACCURACY. THIS SURVEY IS FOR INFORMATION ONLY AND DOES NOT CONSTITUTE A WARRANTY OF ANY KIND. THE USER OF THIS SURVEY SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF THE INFORMATION PROVIDED HEREON.

THIS SURVEY IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY BOUNDARIES OR FOR THE LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER IMPROVEMENTS.

THIS SURVEY DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.

THIS IS TO CERTIFY THAT WE HAVE CONDUCTED A LOCATION SURVEY OF THE IMPROVEMENTS AND THAT THEY ARE LOCATED AS SHOWN HEREO.

Signature: *Patricia C. Cobble*

Reg No. 571

CLB And Associates

P.O. Box 150
Lithton, MD 21784

Date: 03/06/98

Scale: 1" = 100'

Project:

9465 LOVAT ROAD
Fulcon, Williams Contrivance Estates
Howard County, Maryland