

11/25/96
3:00 C.I.O

05-405580

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57561

A 37286

DISTRICT 5th

DATE 11/19/96

DATE SYSTEM APPROVED 11/25/96

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933 313-2640

INDEXED

JFK Backhoe IS PERMITTED TO INSTALL ALTER

ADDRESS 1409 Tucker Lane, Ashton, Maryland 20861 PHONE _____

SUBDIVISION Williams Contrivance LOT 20 ROAD 9458 Lovat Road

PROPERTY OWNER Matthew Ganim

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting at the right rear lot corner (intersection of the 502.01' lot line and 444.65' lot line), place the distribution box 125' down the 444.65' lot line and 70' off this same lot line as seen when facing the lot from the pipestem. Run trenches on contour towards the rear lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 7/18/96 OK ALM

PLANS APPROVED BY Donna K. Soe DATE 6/26/96

COVER NO WORK UNTIL INSPECTED AND APPROVED vr/

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

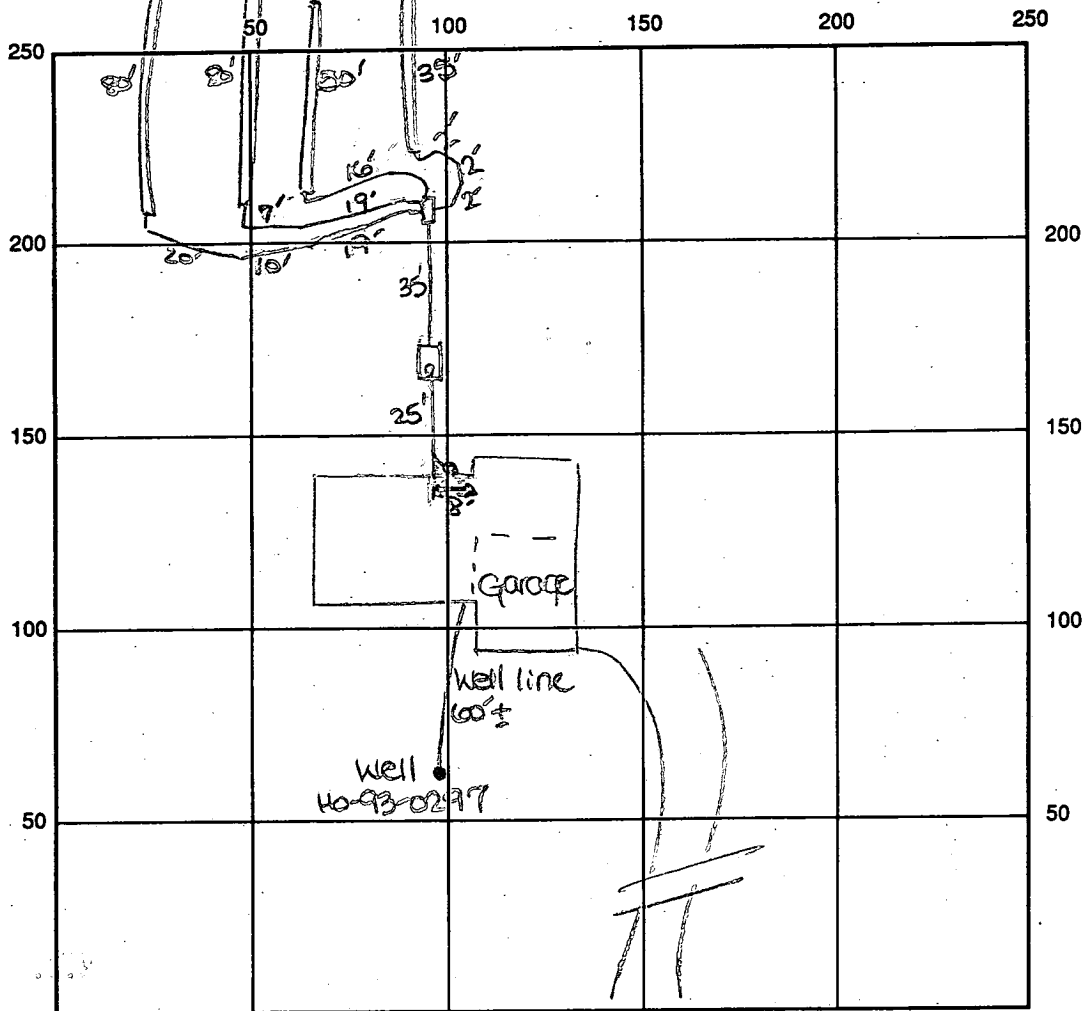
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG. PERMIT SIGNED
AND RETURNED 10/18/96
Serial # 671102697
[Signature]

A
37286



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Lovat Road

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one at house, one on s.t.

DISTRIBUTION BOX LEVEL OK-baffle in

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 250 FT. → 245'

NUMBER OF TRENCHES 4 ONE SIDEWALL BOTTOM AREA 735 SQ. FT.

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

ABSORBENT AREA 735 SQ. FT.

REMARKS: 11/25/96 FINAL INSP - OK to cover all work. JKS

DATE SYSTEM APPROVED 11/25/96

INSPECTOR Sandra K. Gill

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37286

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

DISTRICT 5th

DATE 6/24/86

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 Jager Matthew Gorman

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

PROPERTY LOCATION:

SUBDIVISION Williams Contrivance Elllett LOT NO. NEW 3 20 Lot 20

ROAD AND DESCRIPTION 9458 End of Lovet Road

**BDDG. PERMIT SIGNED
AND RETURNED 6-26-86**

SIZE OF LOT 3.1 acres TYPE BLDG. residential 5.F.D.-4 B.R.M.S
(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 Dept. Moore Show

& Water BH 5 AUG 86 PERC
OK HOLD FOR PLANT RECOMMEND VISUAL HOLE
IN WET SEASON BH

THIS IS NOT A PERMIT

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 37286

P _____

DISTRICT 5th

DATE 6/24/86

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. 320

ROAD AND DESCRIPTION End of Lovet Road

SIZE OF LOT 3.1 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 _____

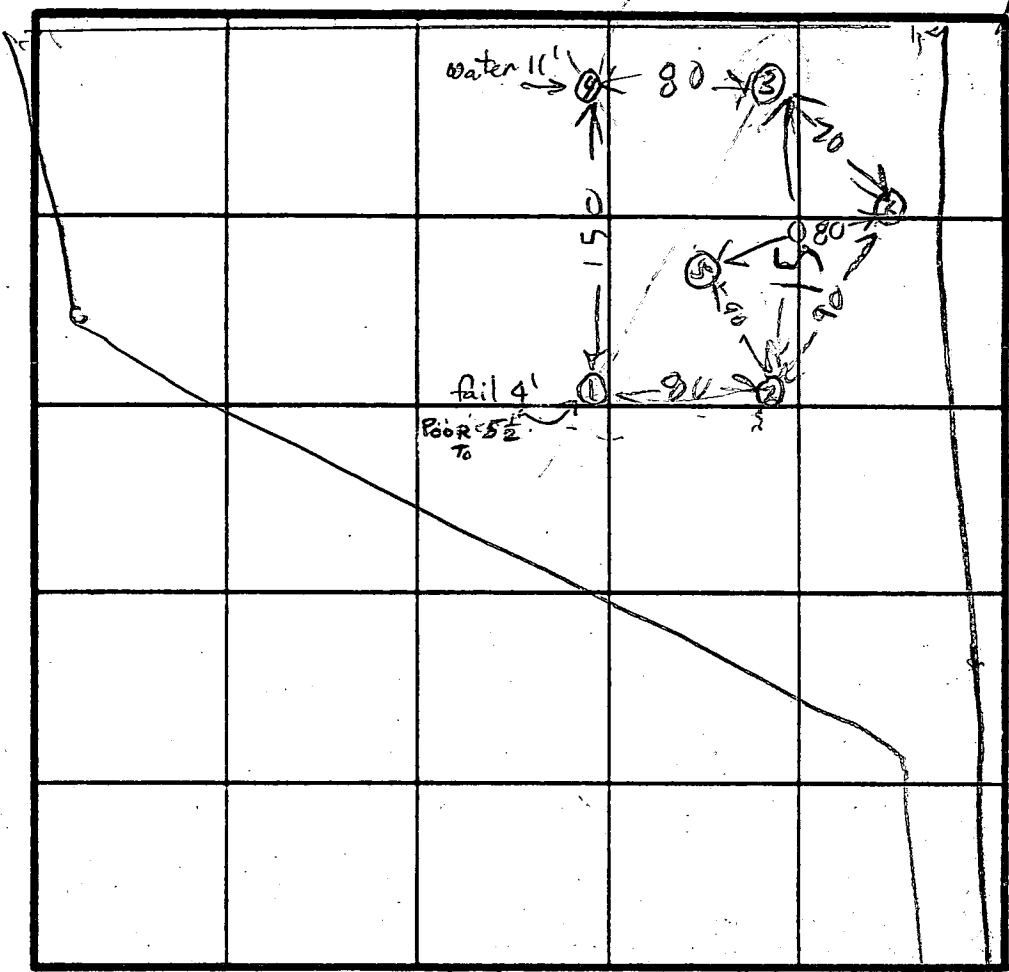
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Lot 3 D

SOIL PROFILE
 0
 BROWN CLAY LOAM
 3 1/2
 BROWN MICA SAND LOAM
 13 1/2



5
 0
 BROWN CLAY
 3
 BROWN SAND LOAM
 11
 6
 3
 CLAY
 BROWN SAND LOAM
 11 1/2

0
 2
 4
 CLAY
 MICA FINE BROWN SAND LOAM

0
 3
 BROWN CLAY
 BROWN SAND LOAM

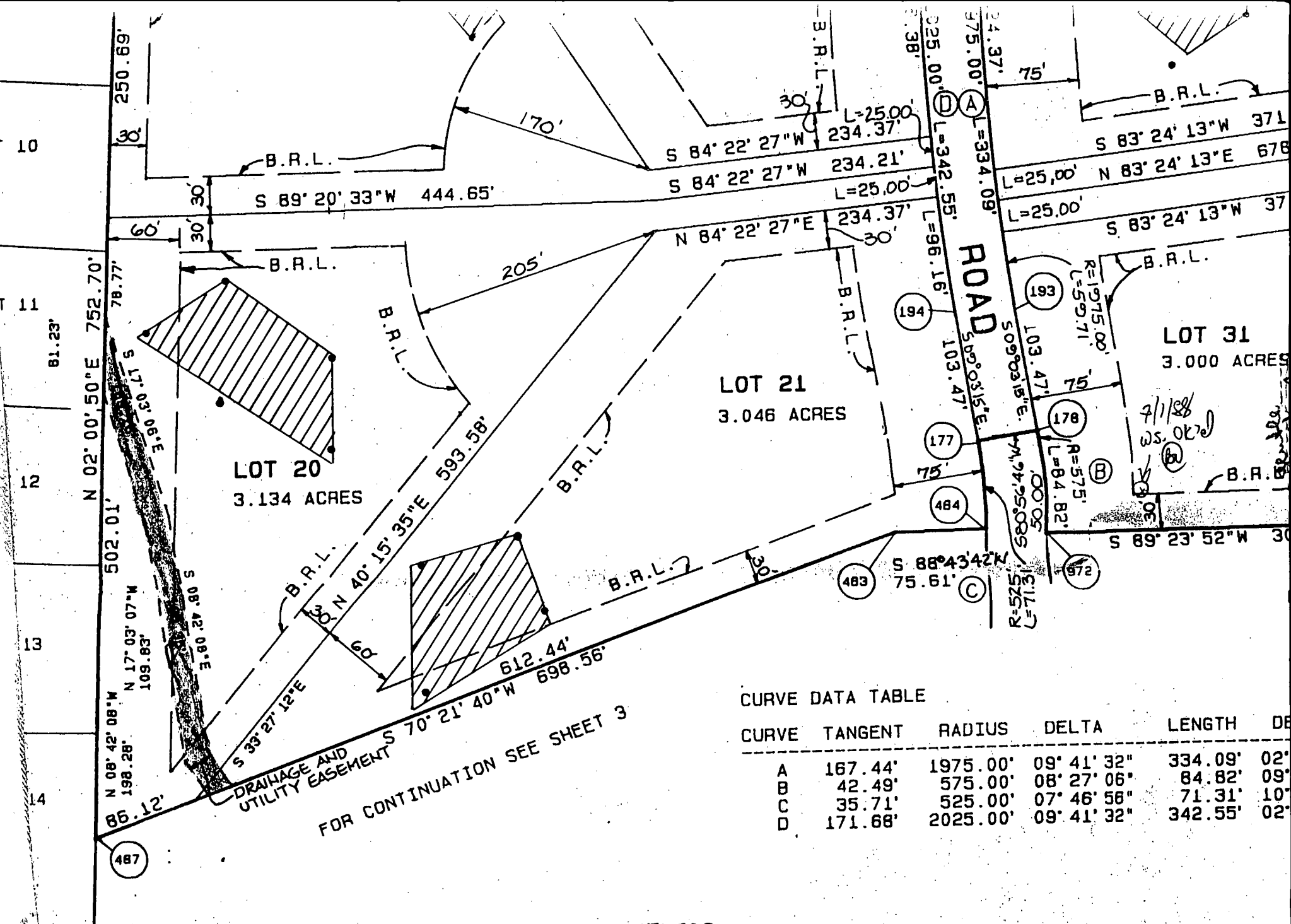
0
 5
 BROWN CLAY
 BROWN SAND LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/4/86	15 10	4 11.5	135	205	LITTLE	137	139	2
	(A) 25 20	4 1/2 16	136	137	UNSATISFA	137	139	2
	(A) 2V	12	LOOKS	OK				
	(B) 35 3V	4 12	141	144	LOOKS	144	148	4
	(C) 4V	12	WATER	11 FT				
	5V	11	LOOKS	OK				
	65 6V	4 11.5	153	200	LOOKS	206	208	8
8/1/86	1M	5 1/2	258	300		300	306	6
8/15/86	1EV	13 1/2	OK	BELOW	5 1/2 FT			

Hole Elevations
 23 HIGH
 40 LOW
 5 MEDIUM

REMARKS: Hole Dug Per Revised Plat Hole 5 & 6 different
 TESTED at 6 FT & VISUAL TO 14 1/2 4/8/86 R.H.
 TESTED BY: B. HODGES
 ALSO PRESENT: Rocky Roy Say

copy of signed final



CURVE DATA TABLE

CURVE	TANGENT	RADIUS	DELTA	LENGTH	DEG
A	167.44'	1975.00'	09° 41' 32"	334.09'	02°
B	42.49'	575.00'	08° 27' 06"	84.82'	09°
C	35.71'	525.00'	07° 46' 56"	71.31'	10°
D	171.68'	2025.00'	09° 41' 32"	342.55'	02°

FOR CONTINUATION SEE SHEET 3

THIS SHEET
 LOTS AND/OR PARCELS TO BE RECORDED=8.
 LOTS AND/OR PARCELS=24.831 ACRES.

N476500
 E817250

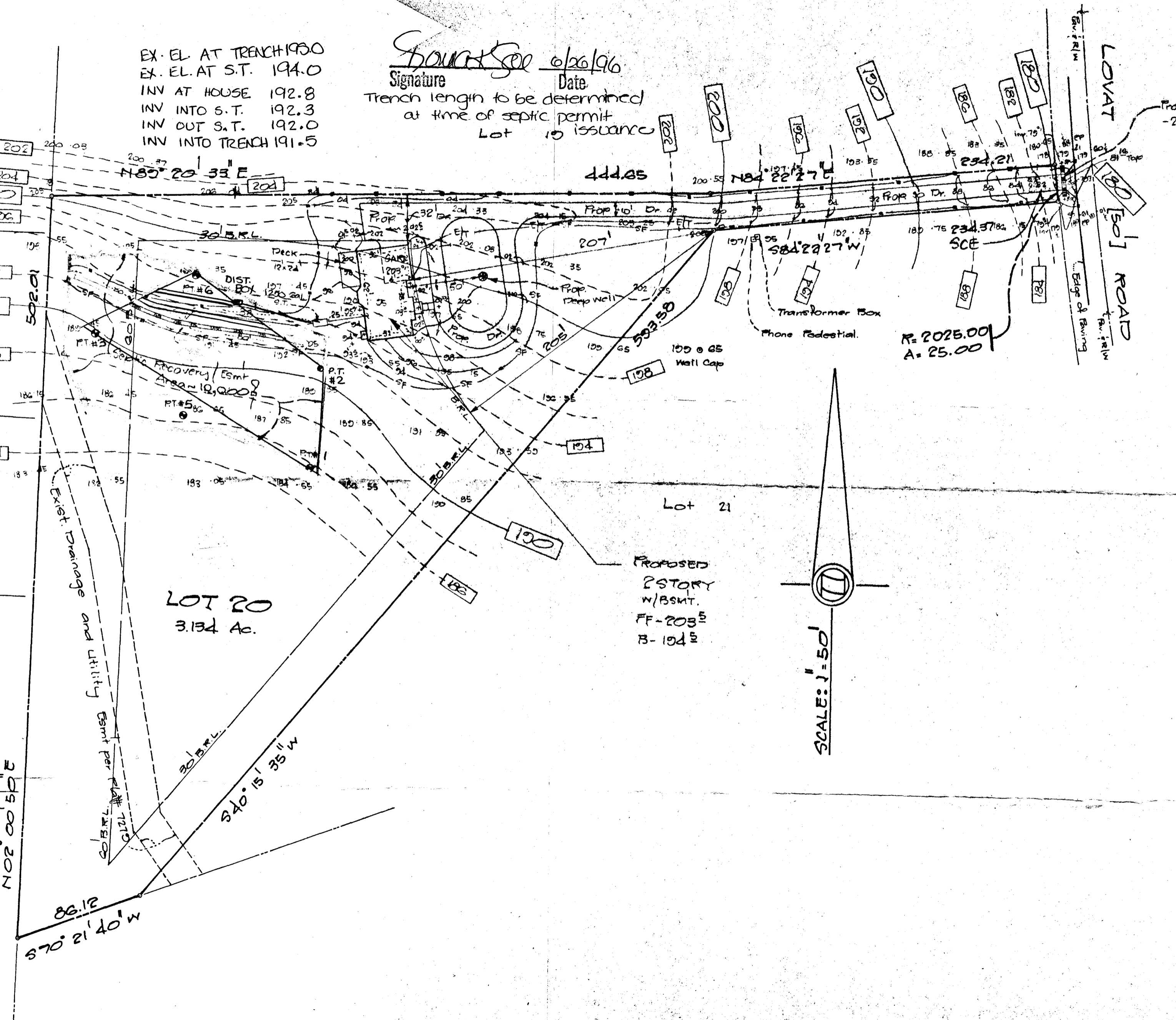
Approved Septic System Plan
Howard County Health Department

Shoukri 6/26/96
Signature Date

Trench length to be determined
at time of septic permit
Lot 19 issuance

EX. EL. AT TRENCH 193.0
EX. EL. AT S.T. 194.0
INV AT HOUSE 192.8
INV INTO S.T. 192.3
INV OUT S.T. 192.0
INV INTO TRENCH 191.5

Lot 10
Lot 11 Page 21
Lot 12 Plat Book 28
Lot 13 Williams Contrivance Estates
Lot 14 Williams Contrivance Estates



R = 2025.00
A = 25.00

PROPOSED
2 STORY
W/BSMT.
FF-203^E
B-194^E

SCALE: 1" = 50'

LOVAT ROAD
Edge of Paving
Prop. 12 - 20LT

209' 00" 20" E
86.12
S 70° 21' 40" W

LOT 20
3.134 Ac.

Exist. Drainage and Utility Esmt per Plat # 7279

B 1 **3763** SEQUENCE NO. (MDE USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3⁸ ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
40-93-0297
 fill in this form completely

Date Received (APA) **02/16/96** *GANIM*

OWNER INFORMATION

GAWHAM MATTHEW
 Last Name Owner First Name

15614 CARRIAGE HILL
 Street or RFD

LAUREL MD 20707
 Town State Zip

B 3 LOCATION OF WELL

HOWARD COUNTY

WMS CONTRIVANCE SUBDIVISION

SECTION **40** LOT **20**

FULTON NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **1 MI**

DRILLER INFORMATION

George F. Easterday

Driller's Name L. Franklin Easterday, Inc.

Firm Name 2265 Brown Church Rd., MT. Airy, Md. 21771

Address *George F. Easterday*

Signature Date **2/15/96**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

9458 LOVAT RD NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) **WEST**

DISTANCE FROM ROAD **400** FT

TAX MAP: _____ BLK: _____ PARCEL: _____

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-37286 COUNTY NO.

STATE SIGNATURE _____ DATE ISSUED **03/06/96**

476000 NORTH GRID **817000** EAST GRID

APPROXIMATE DEPTH OF WELL **300** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. wells

WRITE THE BOX NUMBER FROM THE MAP HERE

810817
476

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

AIR-ROTARY AIR-PERCUSION ROTARY (Hydraulic Rotary)

CABLE REVERSE-ROTARY DRIVE-POINT

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 - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

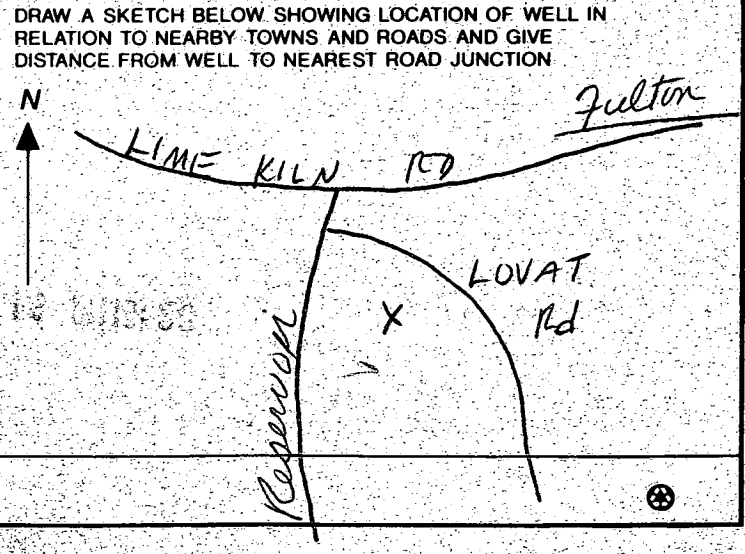
APPROX. PERMIT NUMBER **GAP**

FORCE **55** WRITE INITIALS IN BOX PERMIT No. **40-93-0297**

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

COUNTY



C1 9649 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-372PE

DATE Received

DATE WELL COMPLETED 042396

Depth of Well 500 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-97-0297

OWNER G.W.M. MATTHEW last name first name TOWN Fulton SUBDIVISION W.M. C.W. RICHARDS SECTION LOT 20

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for Top Soil, Smokey Clay mixed, Sand Stone, Mica, Sand Stone, Mica, Flint & Mica mixed, Mica, Flint, Mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 18, NO. OF POUNDS 180, GALLONS OF WATER 90, DEPTH OF GROUT SEAL 12 ft.

CASING RECORD: casing types insert appropriate code below. MAIN CASING TYPE ST, Nominal diameter 2, Total depth 75.

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

SCREEN RECORD: screen type or open hole insert appropriate code below. SCREEN DEPTH (nearest ft.) 73.

SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH) 56 to 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 2, PUMPING RATE 7, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL BEFORE PUMPING 115, WHEN PUMPING 170, TYPE OF PUMP USED S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

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 WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. DRILLERS IDENT. NO. 40. DRILLERS SIGNATURE. SITE SUPERVISOR responsible for sitework if different from permittee

MATTHEW GAMM
9458 WYAT RD.
FULTON, MD 20759

10/18/96

Shown location of propane tank will have no impact to the existing well and/or septic. OK to proceed.

Amy McMulle

