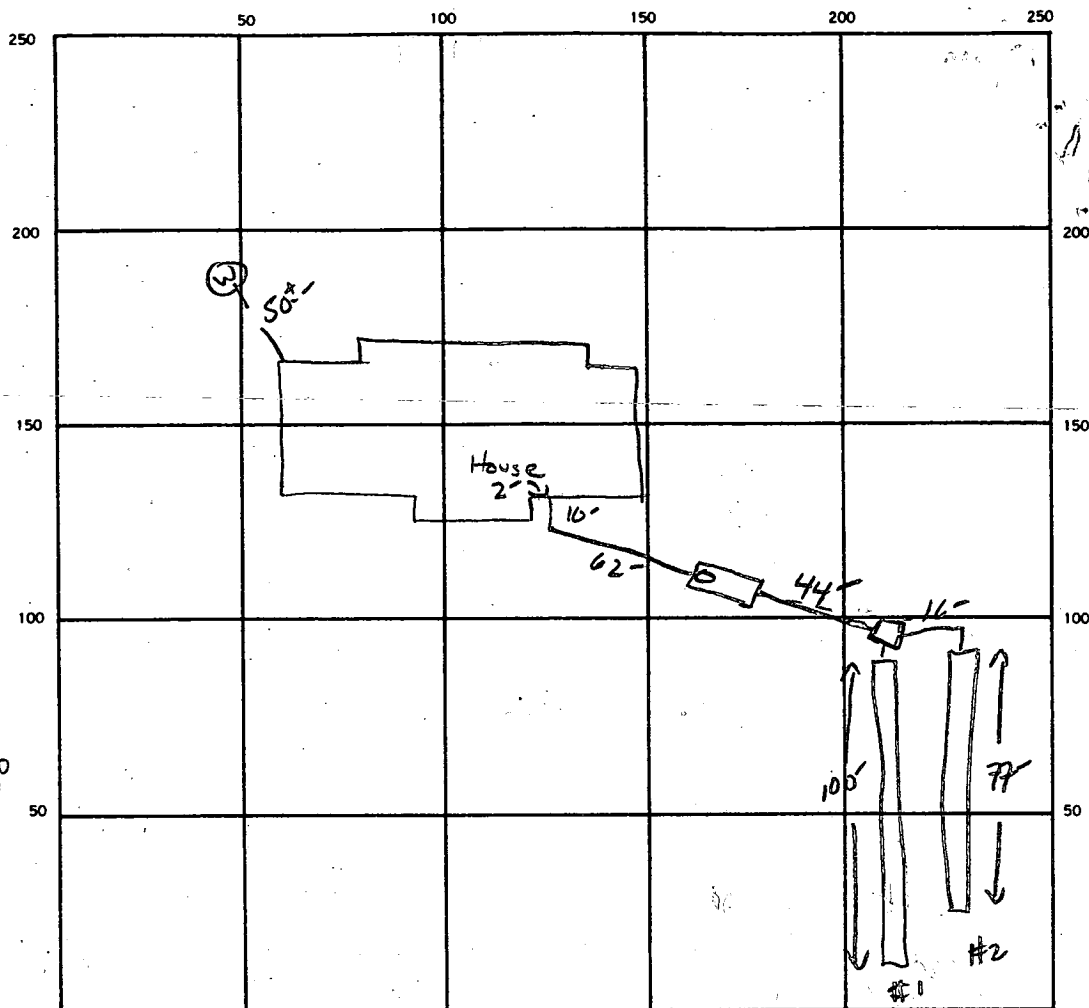


A 38883



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

REV OAKS Rd.

SEPTIC TANK, LEVEL 2000 GAL ✓ CLEANOUTS 1 ST

DISTRIBUTION BOX, LEVEL ✓

DRAIN FIELD/TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 35 FT.

EFFECTIVE GRAVEL DEPTH 5.5 5.5 FT. TOTAL LENGTH 100 77 FT. RF 177

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 974 SQ. FT.

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

ABSORBENT AREA 974 SQ. FT.

REMARKS 11/30/87 OK TO ADD STONE TO BOTH TRENCHES; INSTALL ALL PIPE, PAPER + CALL FOR  
final. S.A.

DATE SYSTEM APPROVED 12/3/87 INSPECTOR S. Allen

C10382SEQUENCE NO. (OEP USE ONLY)

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  
NUMBERA-38883

DATE Received

DATE WELL COMPLETED060387

Depth of Well  
2240026  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
40-81-2084

OWNERLEWIS  
STREET OR RFDTEN OAKS ROADfirst nameFREDTOWNCLARKSVILLE  
SUBDIVISIONCLARKSVILLE MANORSECTIONMAP 34 P.C.P.160LOT

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	
SAND	0	39	
GRAY MICHA ROCK	39	400	

GROUTING RECORD  
WELL HAS BEEN GROUTED  
(Circle Appropriate Box)  
TYPE OF GROUTING MATERIAL  
CEMENTCMBENTONITE CLAYBC  
NO. OF BAGS10NO. OF POUNDS140  
GALLONS OF WATER60  
DEPTH OF GROUT SEAL (to nearest foot)  
from0ft. to41ft.  
(enter 0 if from surface)

CASING RECORD  
casing types  
insert appropriate code below  
STEELCONCRETE  
PLASTICOTHER  
MAIN Casing TYPENominal diameter top (main) casing (nearest inch)Total depth of main casing (nearest foot)  
ST647

OTHER CASING (if used)  
diameter inchdepth (feet) from to

screen type or open hole  
insert appropriate code below  
STEELBRASSBRONZEPLASTICOTHER  
SCREEN RECORD

DEPTH (nearest ft.)  
H045400  
EACH SCREEN  
18911151721  
232426303236  
383941454751  
SLOT SIZE 123  
DIAMETER OF SCREEN (NEAREST INCH)  
5660

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  
(MUST MATCH SIGNATURE ON APPLICATION)

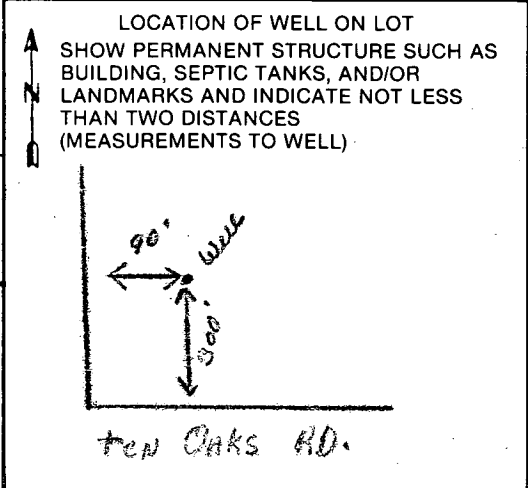
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

OEP USE ONLY  
(NOT TO BE FILLED IN BY DRILLER)  
T (E.R.O.S.) WQ  
7072747576  
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST  
HOURS PUMPED (nearest hour) 6  
PUMPING RATE (gal. per min. to nearest gal.) 1.6  
METHOD USED TO MEASURE PUMPING RATE bucket  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 32  
WHEN PUMPING 240  
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)  
+ above } LAND SURFACE  
- below } 2 (nearest foot)



2000'

98 Ae.

Fred & Mary Lewis  
6005 ten oaks Rd.  
Clarksville Mo.

21029

1887' ↑

1000' ± ↑

2100' ± ↑

↑  
N

FARM STORAGE  
56" →  
10' well - see attached detail  
30' vestibule

298' → EXISTING house

1800' ± →

septic

243' ↓

Page 1 of 1  
Date 6/3/87

Review OK 6-1587 JEN

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2084  
Location of property (road) TEN OAKS ROAD  
Subdivision CLARKSVILLE MANOR (P/O P. 160) Block        Plat        Sec.         
Well Driller JOSEPH MAYNE Owner LEWIS, FRED

Depth of well 400'  
Distance of measuring point (M.P.) above ground 2 1/2'  
Static water level (S.W.L.) below M.P. 32'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 12 gal.  
Total time 45 min. to reach pumping water level 240 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	115	5	60	12
8:00	180	6	<u>1.6</u> 360	10
8:15	240	6	<u>60</u> 960	10
8:30	240	46	<u>2</u> 192	1 3/10
8:45	240	46		1 3/10
9:00	240	46		1 3/10
9:15	240	46	240	1 3/10
9:30	240	46	<u>32</u> 298	1 3/10
9:45	240	46		1 3/10
10:00	235	46	<u>1.5</u> 1040	1 3/10
10:15	235	43	<u>208</u> 3120	1 9/10
10:30	230	43		1 9/10
10:45	230	40		1 1/2
11:00	230	40		1 1/2
11:15	225	40		1 1/2
11:30	225	36		1 9/10
11:45	225	36		1 9/10
12:00	225	36		1 9/10
12:15	225	36		1 9/10
12:30	225	36		1 9/10
12:45	225	36		1 9/10
1:00	225	36		1 9/10
1:15	225	36		1 9/10
1:30	225	36		1 9/10
1:45	225	36		1 9/10
2:00	225	30		1 9/10

Brady - 12/9/87

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 # 40619  
Date 12-8-87

Name of Installer R.A. WOOD PLUMBING

Telephone 391-4823

License Number MD 7040  
Certified Well Pump Installer \_\_\_\_\_

Well Driller \_\_\_\_\_ Registered Plumber ✓

Name of Property Owner LEWIS

Telephone \_\_\_\_\_

Subdivision CLARKSVILLE

Lot # PAE 160

Well Tag # HO-81-2084

Site Address 1005 TEN DALS RD

Pump

1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible ✓
2. Make MEYERS
3. Model # 4 GPM 21 STAGE
4. Capacity 4 GPM 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 1 HP
2. RPM 1750
3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220 ✓

Pitless Adapter

1. Make PRESSURIZED
2. Model # \_\_\_\_\_
3. Depth 4'

Tank

1. Capacity 20 GAL
2. Pressure relief valve? 75 PSI

Piping

1. Type PVC
2. Size 1"
3. NSF and/or BOCA Code approved yes
4. Depth of supply line 4'

Well data

1. Depth 400 ft.
2. Yield 3 GPM
3. Static water level 325 ft.
4. Will water supply be disinfected by installer? yes

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: Roy A Wood

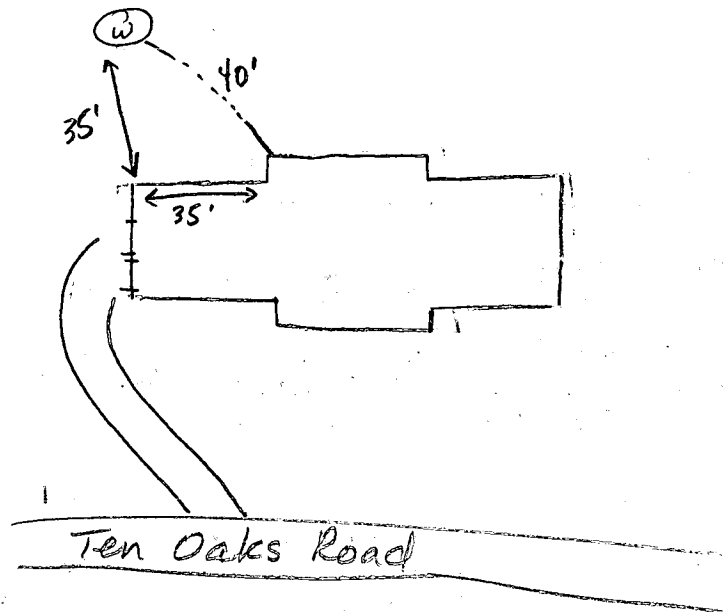
Date: 12/8/87

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

HO-81-2084

14  
24  
56  
28  
33

17.4  
2.4  
6.8  
34  
40



12-9-87 Pitless adaptor at 51 inches. Well line & electrical line ok. Ground not attached to well casing. Lines were covered in the trench. House connection ok, mostly covered. Lines are encased in 2 in to 3 in PVC pipe at house junction. Pressure tank in place JE Nadeau

APPLICATION

HOWARD COUNTY

## PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT  
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER

B0011 0355

B0011 0355

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

6005 New Gaks Rd.  
Clarksville Md. 21029

LOT NO. PARCEL NO. SEC. AREA BLOCK NO. LIBER FOLIO

- 160 - 11 601101

SUB DIVISION

ZONE

ZONE MAP

ELEC. DIST.

CENSUS TR.

OWNER NAME AND ADDRESS

Fred & Mary Agnes Lewis  
Same

PHONE NO.

5410  
531-3813

OCCUPANT'S NAME AND ADDRESS

Same

PHONE NO.

ARCHITECT OR ENGINEER'S NAME AND ADDRESS

Arium Architects 410-730-2900  
Suite 435  
2400 Knolls Rd. Columbia 21045

PHONE NO.

CONTRACTOR'S NAME AND ADDRESS

Potts Const. Co. Inc.  
6502 Myrtle Hill Rd.  
Highland Md 20772

PHONE NO.

EXISTING USE

SFD

PROPOSED USE

FARM Storage bldg  
& vestibule

EST. CONSTRUCTION COST

3000.00

LICENSE NUMBER

5711

PERMIT FEE

W/S CODE

FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE

SIDE YARD

(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

TO SIDE BUILDING LINE

DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK (CORNER LOT ONLY)

SDP #

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

## CAUTION

To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.

Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

GRADING/SEDIMENT CONTROL ☐ YES ☐ NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

Farm Imp. + building  
vestibule attached to  
house.

SIZE OF BLDG.

FRONT

DEPTH

HEIGHT

44'

25'

12'

TYPE OF BLDG.

AREA

VOLUME

ROOF

B. ROOMS

ROOMS

BATHS

FIREPLACES

FOOTINGS

FOUNDATION

S. WALLS

Concrete

UTILITIES

WATER/WELL SEWER/SEPTIC

GAS

ELECTRICITY

TYPE OF HEAT

AC

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been complied with.

SIGNATURE

TITLE

DATE

FUNCTION

DATE

SIGNATURE APPROVAL

ZONING/PLANNING

SHA

SEDIMENT/GRADING

BUILDING OFFICIAL

WATER &amp; SEWER

HEALTH DEPT.

FIRE PROTECTION

STORM WATER MGM.

APPROVED

DATE

Distribution of Copies:  
White - Building Official  
Green - Planning & ZoningYellow - Engineering  
Pink - Health Dept.  
Gold - S.H.A.Pink Copy sent  
to Bldg  
3-11-98





<div style="display: flex; justify-content: space-between;"> <div> <b>B 1</b>  <div style="border: 1px solid black; padding: 2px; font-size: 24px; font-weight: bold;">8252</div> <div style="font-size: 8px;">(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</div> </div> <div> <b>SEQUENCE NO. (OEP USE ONLY)</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">10665 RA 108</div> <div style="border: 1px solid black; padding: 2px; font-size: 12px;">COLUMBIA</div> </div> </div>	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> please print or type	<b>OEP PERMIT NUMBER</b> <div style="border: 1px solid black; padding: 2px; font-size: 24px; font-weight: bold;">40-81-2084</div> <div style="font-size: 8px;">fill in this form completely</div>
<b>Date Received</b> <div style="border: 1px solid black; padding: 2px; font-size: 12px;">1 1 87</div>	<b>OWNER INFORMATION</b> <div style="display: flex; justify-content: space-between;"> <div> <b>15 Last Name</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">LEWIS</div> </div> <div> <b>Owner</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">+ FRED</div> </div> <div> <b>34 First Name</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">10665 RA 108</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>36 Street or RFD</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">COLUMBIA</div> </div> <div> <b>55</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">MD 21045</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>57 Town</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">COLUMBIA</div> </div> <div> <b>70 State</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">MD</div> </div> <div> <b>72 Zip</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">21045</div> </div> </div>	
<b>DRILLER INFORMATION</b> <div style="display: flex; justify-content: space-between;"> <div> <b>Driller's Name</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">Joseph L. Magno</div> </div> <div> <b>77 License No. 80</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">238</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>Firm Name</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">WELL DRILLING</div> </div> <div> <b>Address</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">5512 Ridge Rd. Mt. Airy, Md. 21771</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>Signature</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">Joseph L. Magno</div> </div> <div> <b>Date</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">4/27/87</div> </div> </div>	<b>LOCATION OF WELL</b> <div style="display: flex; justify-content: space-between;"> <div> <b>1 COUNTY</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">HOWARD</div> </div> <div> <b>21</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">CLARKSVILLE MANOR</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>23 SUBDIVISION</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">P 160</div> </div> <div> <b>42</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">CLARKSVILLE</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>44 SECTION</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">1</div> </div> <div> <b>46</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">1</div> </div> <div> <b>48</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">1</div> </div> <div> <b>50</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">1</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>52 NEAREST TOWN</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">CLARKSVILLE</div> </div> <div> <b>71</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">CLARKSVILLE</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>73 MILES FROM TOWN (enter 0 if in town)</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">1</div> </div> <div> <b>76 MI</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">1</div> </div> </div>	
<b>WELL INFORMATION</b> <div style="display: flex; justify-content: space-between;"> <div> <b>APPROX. PUMPING RATE (GAL. PER MIN.)</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">5</div> </div> <div> <b>12</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">5</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">500</div> </div> <div> <b>20</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">500</div> </div> </div>	<div style="display: flex; justify-content: space-between;"> <div> <b>4</b>  <b>DIRECTION OF WELL FROM TOWN (CIRCLE BOX)</b>  </div> <div> <b>11</b>  <b>NEAR WHAT ROAD</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">Ten Oaks Road</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</b>  <div style="display: flex; flex-direction: column; align-items: center;"> <div>NORTH</div> <div style="display: flex; justify-content: space-around; width: 100px;"> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">W</div> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">32</div> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">E</div> </div> <div style="display: flex; justify-content: space-around; width: 100px;"> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">S</div> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">EAST</div> </div> <div>SOUTH</div> </div> </div> <div> <b>34</b>  <b>DISTANCE FROM ROAD</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">345</div> </div> <div> <b>37</b>  <b>ENTER FT or MI</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">FT</div> </div> </div>	
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <div style="display: flex; flex-direction: column;"> <div><input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)</div> <div><input type="checkbox"/> FARMING (LIVESTOCK WATERING &amp; AGRICULTURAL IRRIGATION)</div> <div><input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)</div> <div><input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)</div> <div><input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)</div> </div>	<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b> <div style="display: flex; justify-content: space-between;"> <div> <b>COUNTY NAME</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">HOWARD</div> </div> <div> <b>COUNTY NO.</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">A38883</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>OEP SIGNATURE</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Signature]</div> </div> <div> <b>STATE HEALTH INSERT S</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Signature]</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>DATE ISSUED</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">052087</div> </div> <div> <b>60 SIGNATURE</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Signature]</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>NORTH GRID</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">500000</div> </div> <div> <b>EAST GRID</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">0811000</div> </div> </div>	
<b>APPROXIMATE DEPTH OF WELL</b> <div style="border: 1px solid black; padding: 2px; font-size: 12px;">240</div> FEET	<b>SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X</b> <b>SOURCES OF DRILLING WATER</b> 1. WELL 2. 3.	
<b>APPROXIMATE DIAMETER OF WELL</b> <div style="border: 1px solid black; padding: 2px; font-size: 12px;">6</div> INCH	<b>WRITE THE BOX NUMBER FROM THE MAP HERE</b> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px; font-size: 12px;">819</div> <div style="border: 1px solid black; padding: 2px; font-size: 12px;">1</div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px; font-size: 12px;">500</div> <div style="border: 1px solid black; padding: 2px; font-size: 12px;">0</div> </div>	
<b>METHOD OF DRILLING (circle one)</b> <div style="display: flex; justify-content: space-between;"> <div> <b>BORED (or Augered)</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[X]</div> </div> <div> <b>JETTED</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[X]</div> </div> <div> <b>Jetted &amp; DRIVEN</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[X]</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>30 AIR-ROTARY</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[X]</div> </div> <div> <b>AIR-PERCussion</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[X]</div> </div> <div> <b>ROTARY (Hydraulic Rotary)</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[X]</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>37 CABLE</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[X]</div> </div> <div> <b>REVERSE-ROTARY</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[X]</div> </div> <div> <b>Drive-POINT</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[X]</div> </div> </div>	<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <div style="display: flex; flex-direction: column;"> <div><input type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</div> <div><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</div> <div><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY</div> <div><input type="checkbox"/> THIS WELL WILL DEEPEM AN EXISTING WELL</div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Blank]</div> </div> <div> <b>41</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Blank]</div> </div> </div>	
<b>Not to be filled in by driller (OEP USE ONLY)</b> <div style="display: flex; justify-content: space-between;"> <div> <b>APPROX. PERMIT NUMBER</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Blank]</div> </div> <div> <b>63</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Blank]</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>FORCE</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Blank]</div> </div> <div> <b>WRITE INITIALS IN BOX</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Blank]</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>PERMIT NO.</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">40-81-2084</div> </div> <div> <b>70 71 72 73 74 75 76 77 78 79</b>  <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Blank]</div> </div> </div>		
<b>SPECIAL CONDITIONS</b> <div style="border: 1px solid black; padding: 2px; font-size: 12px;">[Blank]</div>		

6/2/87

- (1) 41 ft open hole
- (2) 47 ft casing 2 ft out of ground
- (3) LOCATION LOOKS O.K.
- (4) 10 BAGS
- (5) WELL O.K.

For Present John, Judy Gilbert Test by R/Hodge

Well Permit No. HO - 81-2084  
Location of property (road) BEN OAKS ROAD  
Subdivision CLARKSVILLE MANOR (P/O P100) Block      Plat      Sec.       
Well Driller JOSEPH MAYNE Owner LEWIS, FRED  
Depth of well 400  
Distance of measuring point (M.P.) above ground 2 1/2  
Static water level (S.W.L.) below M.P. 32

Time pump started 730 Pumping rate 12  
Total time 45 min to reach pumping water level 240 ft. below M.P.

[illegible]

# 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

DISTRICT

DATE 3/2/87

3/4/87  
OK TO PROCESS SA  
NOT WET SEASON

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

DR. FRED LEWIS / LEWIS RESIDENCE

ADDRESS

10665 ROUTE 108 COLUMBIA, MD.  
21045

PHONE

301-730-6062

PROPERTY LOCATION:

SUBDIVISION

CLARKSVILLE MANOR

LOT NO.

B 4

ROAD AND DESCRIPTION

ALONG TEN OAKS ROAD WEST OF MD ROUTE 108

6005 TEN OAKS RD.

SIZE OF LOT

1.00 ACRES

TYPE BLDG.

(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.

*Shelley V. Webb / for Dr. Fred Lewis*  
*The Remond Company* (SIGNATURE OF APPLICANT)  
*Re.*

APPROVED BY

FOR

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

4-2-87 PERC SATISFACTORY, hold for PLAT. S. Hall

BLDG. PERMIT SIGNED

AND RETURNED 6-4-87

*S. Hall*  
BP 11/88

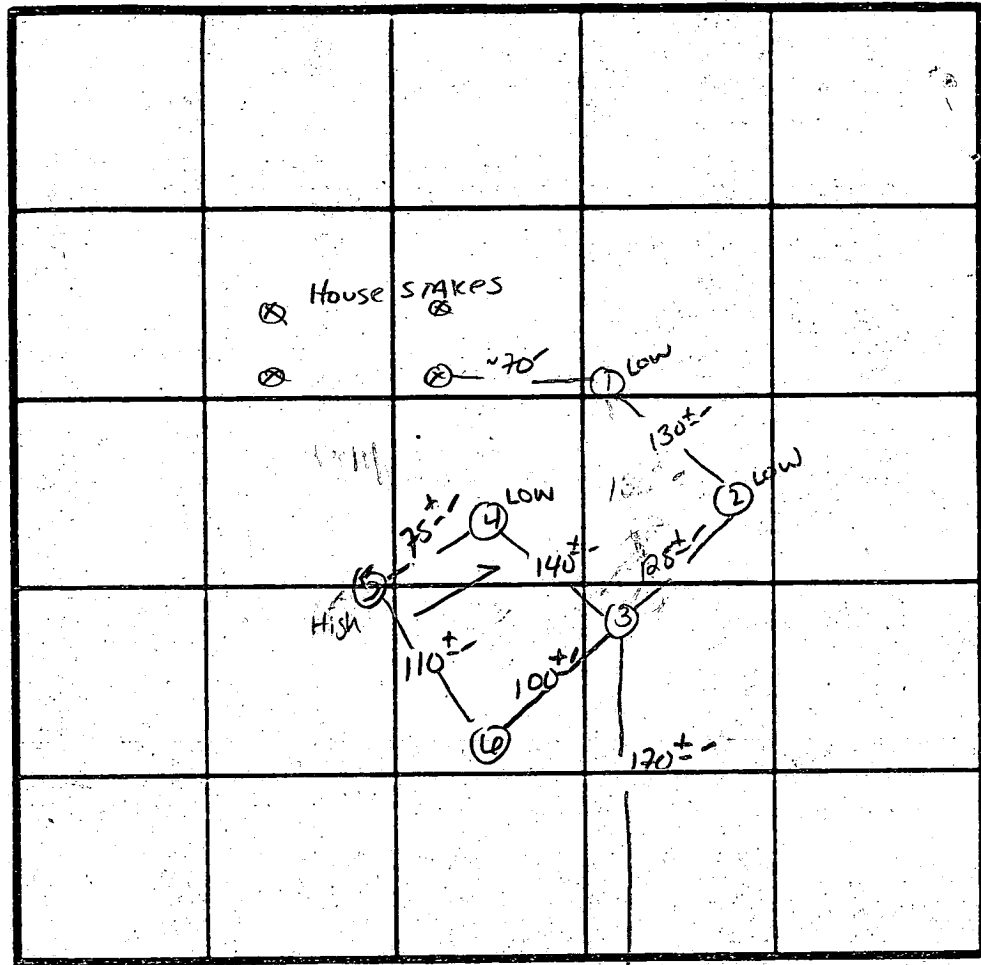
## THIS IS NOT A PERMIT

① ②

SOIL PROFILE

12"  
4.5'  
8.5-9.0'  
13'

AP  
Yellow Bl  
Silt loam  
9-12% clay  
10-15% frags  
Red/Pink  
Silt loam  
micaceous  
15-20%  
fragments  
w/ yellow  
brown  
variations



X Perc 6 min  
INLET 3.5'  
BOTTOM 9.0  
160 #1 BA

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

LENOX RD. CL

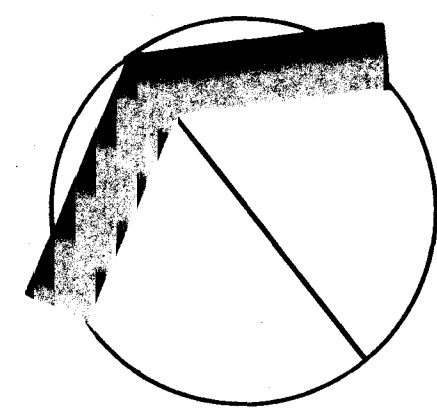
DATE	TEST NO.	DEPTH	PRE WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/2/87	1 S	5.0'	12:17				
	1 V	13' UNIFORM soil below			4.5' - WATER AT	8.5-9'	
	2 V	WATER AT 8.0'			SAME AS #1 profile.		
	3 S	3.5'	12:39	12:41	12:41	12:45	4 MIN
	3 V	13' SAME AS #1			NO WATER AND CLAY TO 3.5'		
	4 S	4.0'	12:46	12:49	12:49	12:54	5 MIN
	4 V	13' SAME AS #3			NO H <sub>2</sub> O		
	5 S	3.5'	1:13	1:16	1:16	1:22	6 MIN
	5 M	7.5'	1:12	1:15	1:15	1:23	8 MIN
	5 V	13' SAME AS #3 & 4 w/ CLAY TO 3'					
	6 V	13' SAME AS #5					

REMARKS Deep Syst. OK.

TYPE OF SOIL CLAY/CLAY

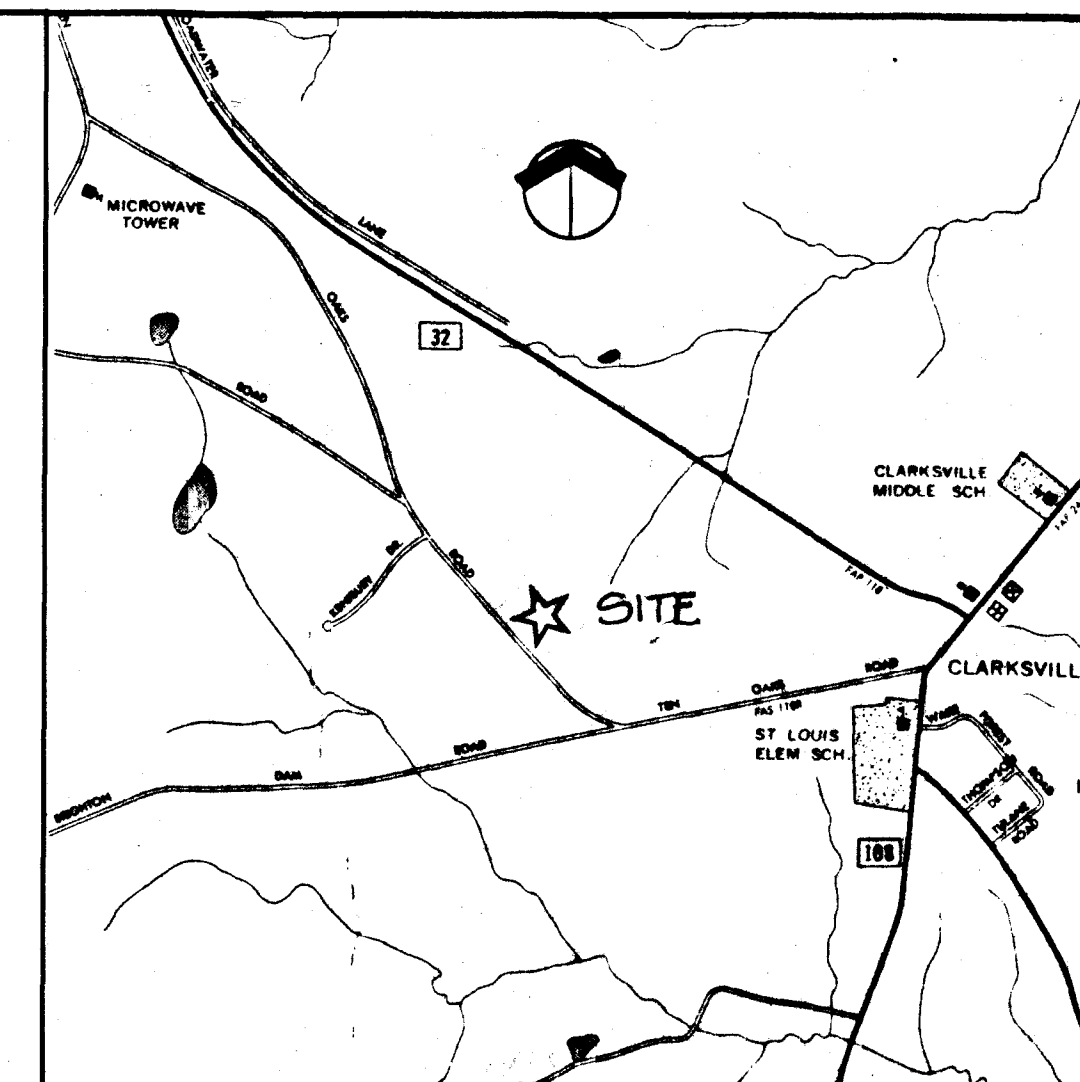
TESTED BY J. Asel

ALSO PRESENT JACK, SKIP, Mr. Lewis

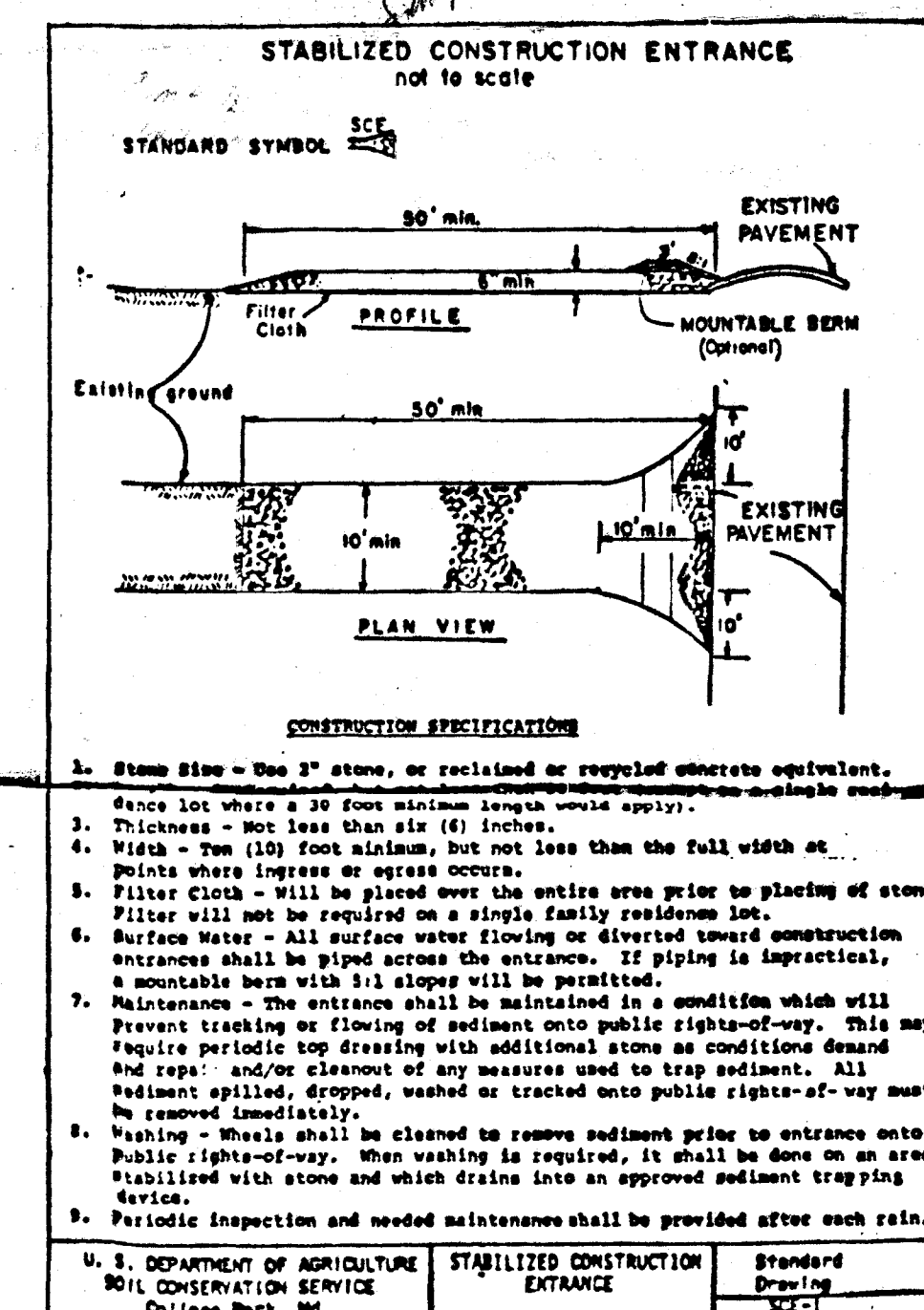


# SEPTIC DESIGN INFORMATION

- 160 SQ. FT./BEDROOM x 5 BEDROOMS = 800 SQ. FT. + 22% FOR GARBAGE DISPOSAL = 176 SQ. FT. TOTAL REQUIRED = 976 SQ. FT.
- 976 SQ. FT. : 5.5 = 177.45 LF OF TRENCH REQUIRED.
- SEPTIC TANK CAPACITY SHALL BE 1,000 GALLONS MINIMUM.
- NO TRENCH TO EXCEED 100' IN LENGTH.
- PROVIDE 6"-8" DIAMETER CLEANOUT AND CAP TO GRADE ON OR ABOVE SEPTIC TANK AND DRYWELL.
- CALL FOR INSPECTION OF TRENCH BEFORE GRAVEL IS INSTALLED.
- THIS SYSTEM IS DESIGNED TO ACCOMMODATE A GARBAGE DISPOSAL.
- THIS SYSTEM IS DESIGNED TO SERVE THE BASEMENT FLOOR ELEVATION.
- TRENCH SPECIFICATIONS:
  - WIDTH 2'
  - MAXIMUM DEPTH 9'
  - EFFECTIVE AREA BEGINS AT 3.5' BELOW ORIGINAL GRADE
  - 5.5 FEET OF STONE BELOW DISTRIBUTION PIPE.
- IF MORE THAN ONE TRENCH IS USED, A DISTRIBUTION BOX IS REQUIRED.



VICINITY MAP  
SCALE 1"=2000'



STABILIZED CONSTRUCTION  
DETAIL  
REFERENCE PLANS: F-87-112, F-87-57, F-88-02.

DATE	NO.	REVISION
OWNER/DEVELOPER		
MR. FRED T. LEWIS 10665 ROUTE 108 COLUMBIA, MARYLAND 21045		
MR. C. ELLSWORTH IAGER 11788 ROUTE 216 FULTON, MARYLAND 20759		
PROJECT: LEWIS RESIDENCE		
AREA TAX MAP NO. 34 PARCEL 160 ZONED R 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: PLOT PLAN		
THE RIEMER GROUP, INC. The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm 3105 Health Park Drive, Ellicott City, Maryland 21043 (301) 461-2690		
DATE 4-22-87		DESIGNED BY: MEM
DRAWN BY: PER		PROJECT NO: 34301
DATE: 22 APRIL 1987		SCALE: 1"=80'
DRAWING NO. 1 OF 1		

SUBDIVISION NAME	CLARKSVILLE	RECT./AREA	LOT/Parcel#	160
PLAT# OR LIF	1335-99	BLOCK#	ZONE	R
TAX/ZONE MAP	34	ELEC. DIST	CENSUS TE	
WATER CODE	N/A	SEWER CODE	N/A	

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS