

04-313267

6-2-88  
3PM FINE

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 41742  
41742  
A 18972

DISTRICT 4th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

DATE 5/13/88

DATE SYSTEM APPROVED 6/2/88

INSPECTOR BH

Dave Hopkins IS PERMITTED TO INSTALL  ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland PHONE 831-7257

SUBDIVISION Florence Farms ROAD 3132 Cabin Run Road LOT Parcel 7

PROPERTY OWNER Fred Nuss

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the first trench 100 feet from existing well which is located approximately 350 feet down the left (1179.93') lot line and 85 feet off the same lot line as seen when facing the lot from Right-of-Way off Route 94 (Florence Road). Run trenches on contour toward the rear of lot (489.63') 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

PLANS APPROVED BY Sid Abel DATE 2/10/88

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 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 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.

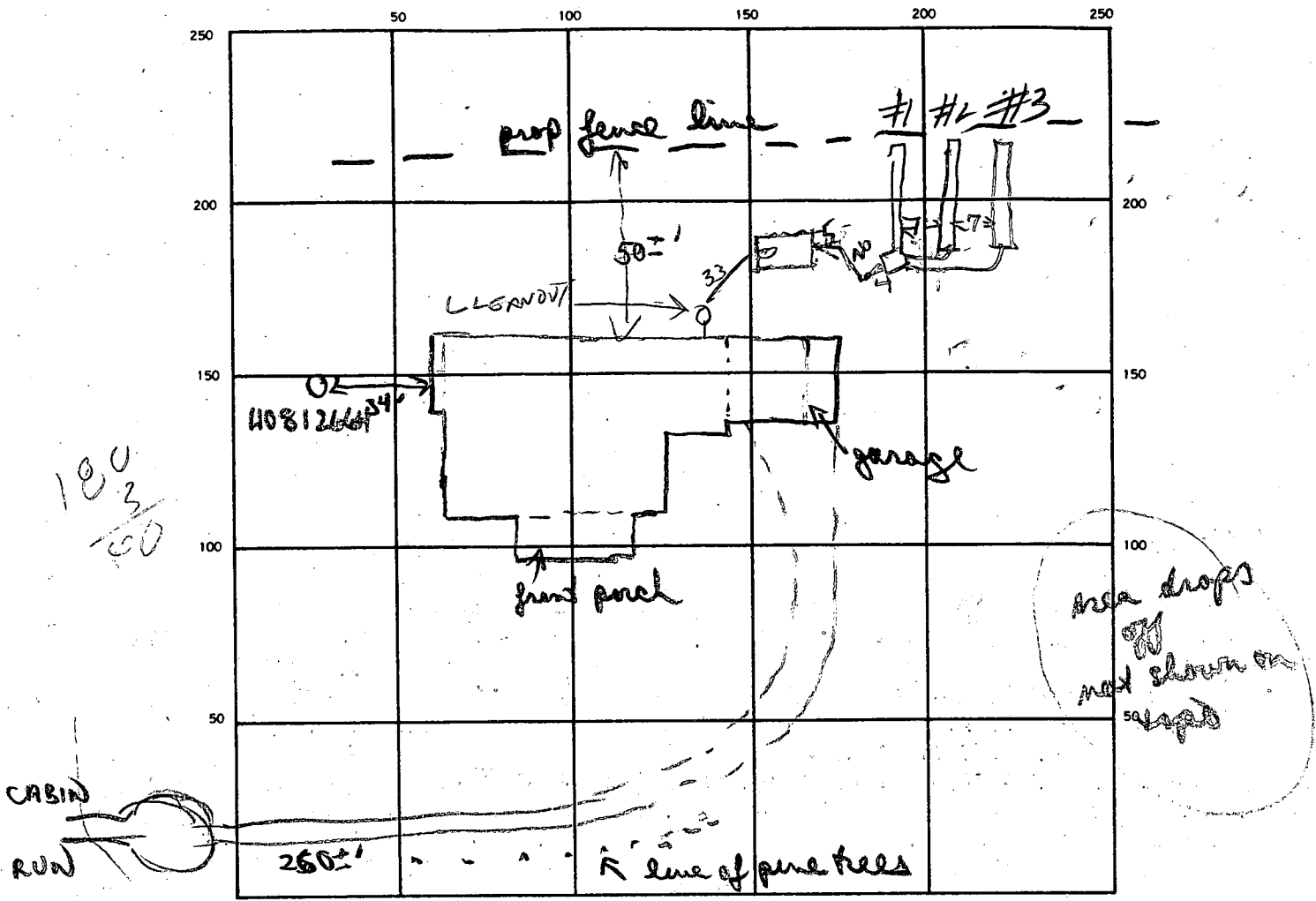
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

41742



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL 1000 CLEANOUTS ST  
OK

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH  $\frac{1}{5} | \frac{2}{5} | \frac{3}{5}$  FT. TRENCH WIDTH  $\frac{1}{3} | \frac{2}{3} | \frac{3}{3}$  FT. INLET DEPTH  $\frac{1}{3} | \frac{2}{3} | \frac{3}{3}$  FT.

EFFECTIVE GRAVEL DEPTH  $\frac{1}{2} | \frac{2}{2} | \frac{3}{2}$  FT. TOTAL LENGTH  $\frac{1}{61} | \frac{2}{61} | \frac{3}{61}$  FT.  $\frac{1}{2} | \frac{2}{2} | \frac{3}{2}$  FT.

NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA  $\frac{1}{103} | \frac{2}{103} | \frac{3}{103}$  50 FT. INSTALL REQUIRED  
549 | 540

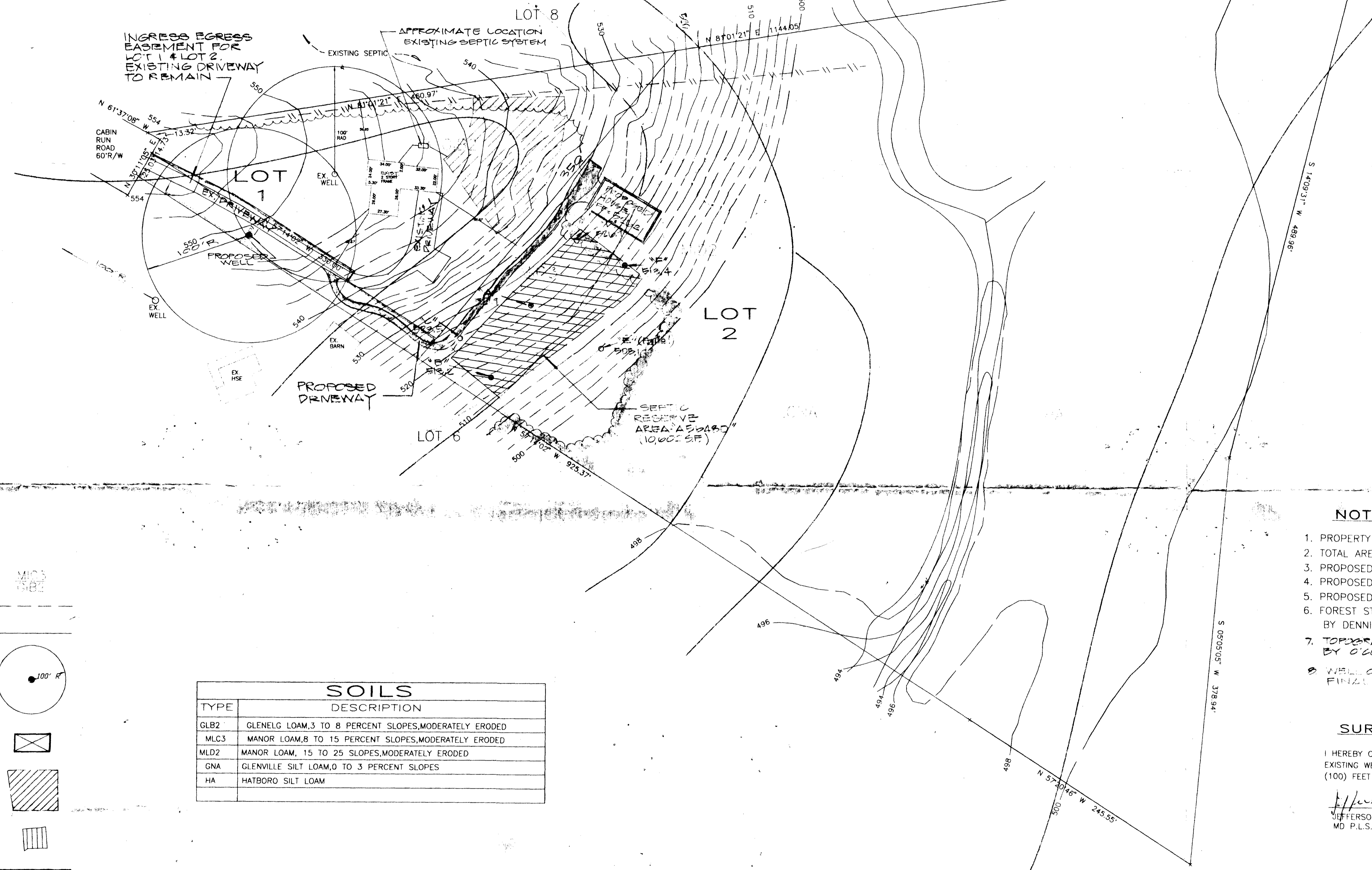
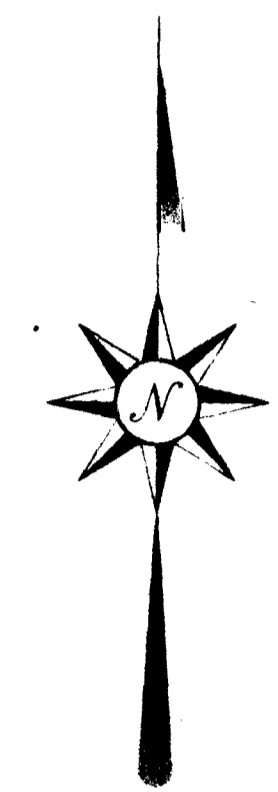
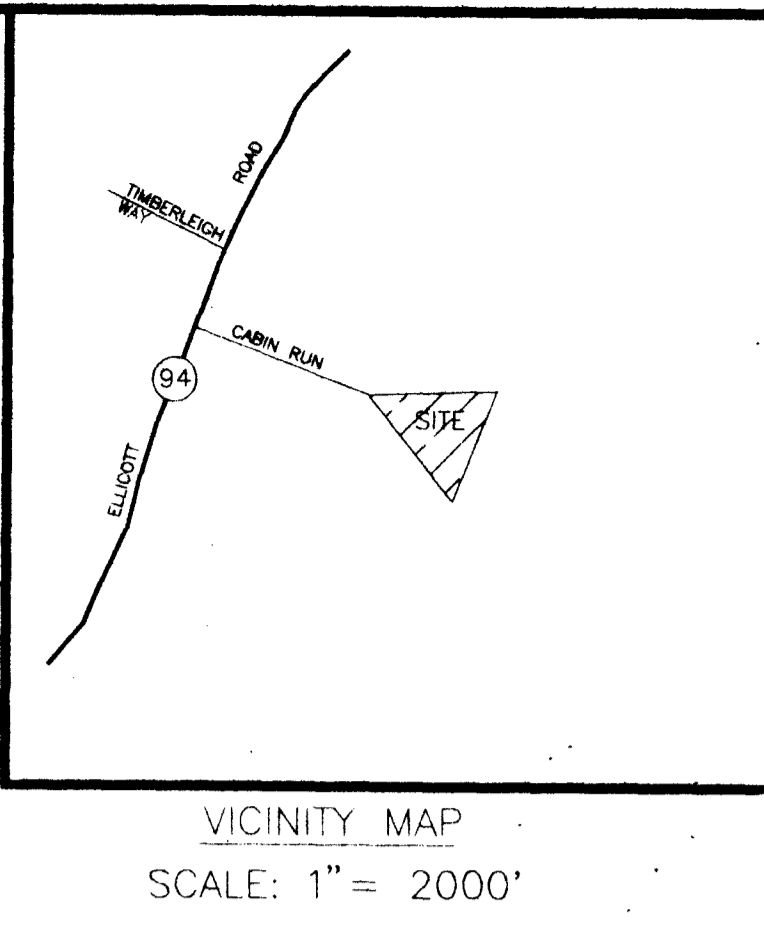
DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 549 SQ. FT.

REMARKS 5/31/88 site inspection seems to support that house shifted closer to road. Top supplied also somewhat inaccurate as shown on site plan. Location for tank, dist box & trenches agreed upon. OK to proceed.

6/2/88 0 TRENCHES

DATE SYSTEM APPROVED 6/2/88 INSPECTOR Raymond Hodge



**LEGEND**

- SOIL DIVISION
- EXISTING CONTOUR
- BOUNDARY LINE
- PROP/EX WELL w/100' RADIUS
- PROP HOUSE
- EX. SEPTIC AREA
- STEEP SLOPES
- PROP SEPTIC AREA

SOILS	
TYPE	DESCRIPTION
GLB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
MLC3	MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
MLD2	MANOR LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED
GNA	GLENVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES
HA	HATBORO SILT LOAM

this area designates a private sewage easement of a minimum of 10,000 S.F. as required by the Maryland Department of the Environment, for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available and servicing any residential structures constructed on these buildable sites. This easement shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachment into the private sewage easement. Recordation of a modified sewage easement shall not be necessary. Percolation test holes shown hereon have been field located and shown thus:

- Passed Hole
- Failed Hole

**APPLICANT/OWNER**  
 MR & MRS FRED NUSS  
 3132 CABIN RUN  
 WOODBINE, MD, 21797

**NOTES**

1. PROPERTY ZONED = RR
2. TOTAL AREA = 11.137 Ac.
3. PROPOSED # OF LOTS = 2
4. PROPOSED LOTS ARE BUILDABLE, SINGLE FAMILY DWELLINGS
5. PROPOSED PRIVATE WATER AND PRIVATE SEPTIC SYSTEMS
6. FOREST STAND AND WETLAND DELINEATION PREPARED BY DENNIS J. LGBARE & ASSOCIATES, JULY 1995.
7. TOPOGRAPHY FROM FIELD SURVEY PREPARED BY O'CONNELL AND LAWRENCE, INC. 1996.
8. WELL ON LOT 2 TO BE DRILLED PRIOR TO FINAL RECORDING OF RECORD PLAT.

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE THAT ALL EXISTING WELL AND SEPTIC SYSTEMS WITHIN ONE HUNDRED (100) FEET OF THIS PROPERTY ARE SHOWN ON THIS PLAN.

*Jefferson D. Lawrence* 3/25/96  
 JEFFERSON D. LAWRENCE DATE  
 MD P.L.S. # 5216

HEALTH DEPARTMENT  
 FILE NO A-26430  
 P.

APPROVED:  
 FOR PRIVATE WATER AND SEWER SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT

*James M. B...* 6/14/96  
 HOWARD COUNTY HEALTH OFFICER AM DATE

**TOPOGRAPHY, SOILS, AND PERC PLAN**  
**NUSS PROPERTY**  
 LOTS 1 & 2  
 TAX MAP 13 HOWARD COUNTY, MARYLAND PARCEL 249

**O'CONNELL & LAWRENCE, INC.**  
 SURVEYORS, ENGINEERS & LAND PLANNERS  
 17904 Georgia Avenue, Suite 302, Olney, Maryland 20832  
 Tel: (301) 924-4570 • Fax: (301) 924-5872

DESIGNED BY JDL	DRAWN BY DPM	DATE 3/31/96	SCALE 1" = 50'	PROJECT/JOB NO. 22-092	SHEET NO. 1 OF 1
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