

12.092

APPLICATION

PERCOLATION TESTING

A 56480A

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER FRED D. & BARBARA G. NUSS

ADDRESS 3132 CABIN RUN PHONE 854-6447

AGENT OR PROSPECTIVE BUYER Same As Above

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Proposed Subdivision (2-lots) LOT NO. 1 & 2

ROAD AND DESCRIPTION 3132 CABIN RUN, WOODBINE, MD. 21797

TAX MAP 13 PARCEL # 249

SIZE OF LOT Total 11.37 Ac. TYPE BLDG. SINGLE FAMILY DWELING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

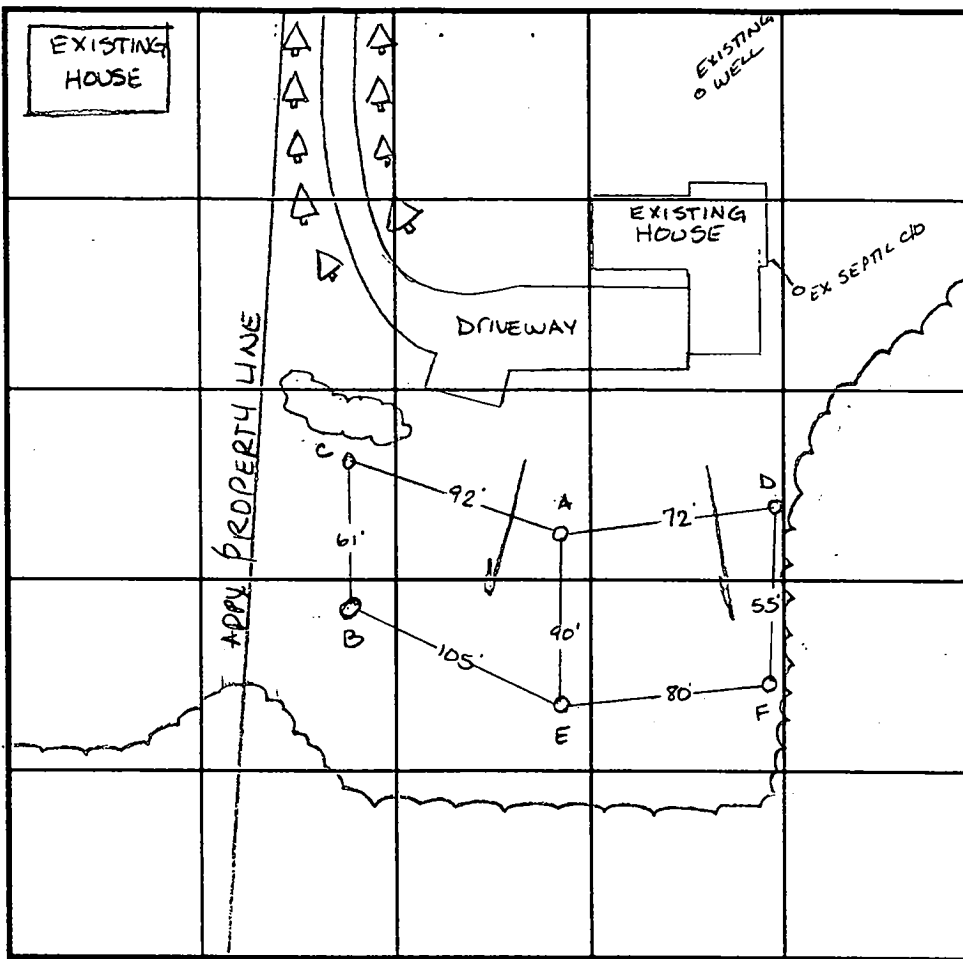
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A56480

COUNTY #

CABIN RUN



INDICATE NORTH

SOIL PROFILE

A, F, B

0'
dark red brn SilClm
3.0
red brn Silm heavy very fine 5% stone frags
12.0

C, D

bright orange red SilClm
2.5
yellow tan SilClm
12.0

dark red brn Silm 10% frags
12.0

E

dark red brn SilClm 5% stones
3.0

dark red brn Silm 10% frags micaceous
10.5

SOIL PROFILE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-24-96	A	3.5 √12.0	11:12	30 min			slow
	A	8.0 √12.0	11:27	11:31	11:31	11:37	6min
	B	4.5 √12.0	11:42	11:52	11:52	12:04	12min
	B	8.0 √12.0	11:46	11:46	11:49	11:52	3min
	C	5.0 √12.0	12:05	12:13	12:13	12:30	7min
	C	9.0 √12.0	12:06	12:13	12:13	12:30	7min
	D	8.5 √12.0	12:35	12:46	12:46	1:10	24min
	D	4.5 √12.0	12:36	12:46	12:46	1:00	14min
	E	4.0 √11.5	1:04	1:13	1:13	1:31	18min
	F	5.0 √12.0	1:01 ³⁰	1:09	1:09	1:16	7min

REMARKS >25% slopes in perc area is possible - field run topo to verify
MOVE SYSTEM uphill 3-4' in elevation off of test hole E

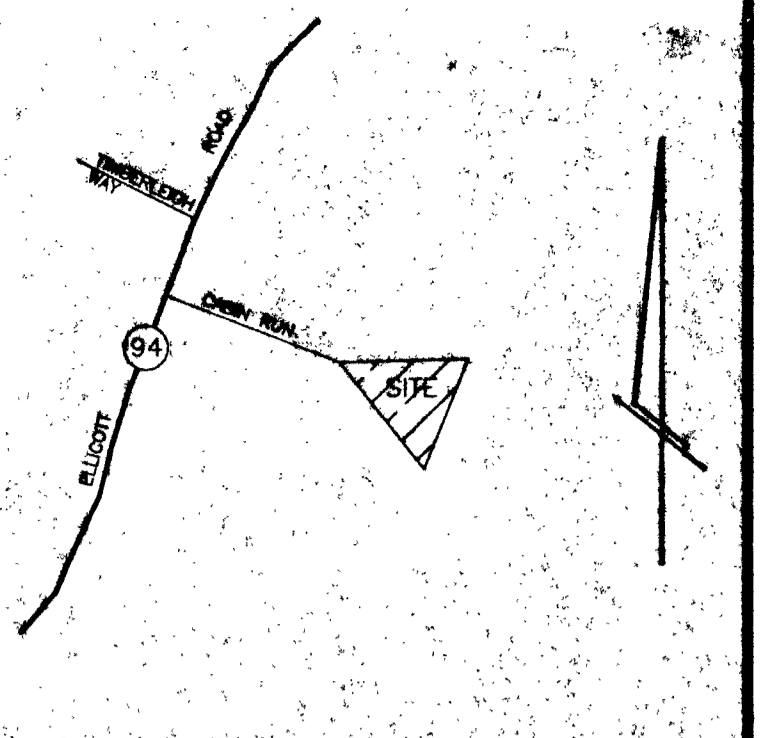
TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Herman Sirk

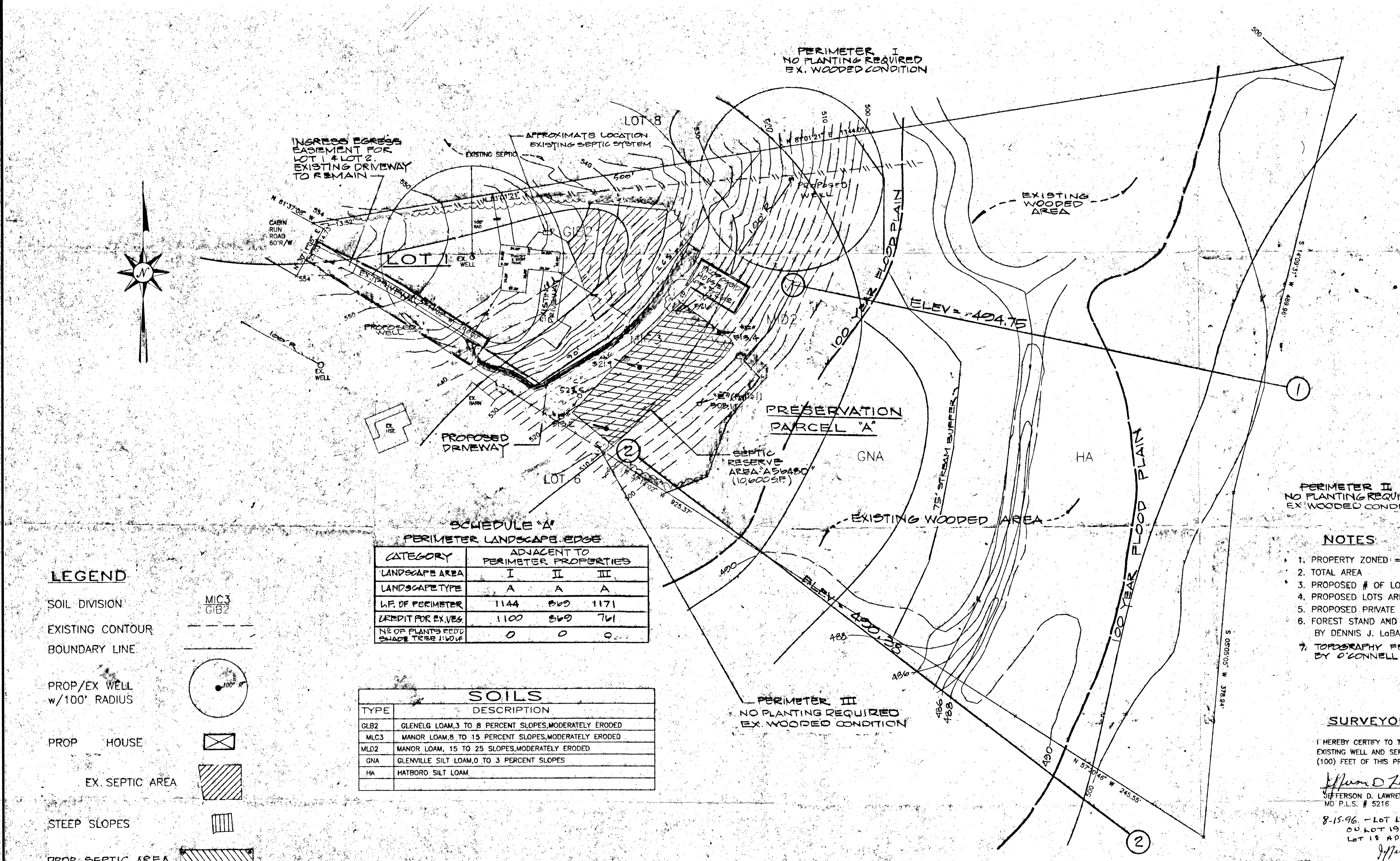
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 20 min TRENCH WIDTH 3.0

INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 5.5 SQ. FT./BEDROOM 210 ft²

(* test pits were dug 12" x 12")



VICINITY MAP
SCALE: 1" = 2000'



LEGEND

- SOIL DIVISION MIC3 GIB2
- EXISTING CONTOUR
- BOUNDARY LINE
- PROP/EX WELL w/100' RADIUS
- PROP HOUSE
- EX SEPTIC AREA
- STEEP SLOPES
- PROP SEPTIC AREA

SCHEDULE 'A'
PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES		
	I	II	III
LANDSCAPE AREA			
LANDSCAPE TYPE	A	A	A
W.F. OF PERIMETER	1144	869	1171
CREDIT FOR EX. TREES	1100	869	761
NO. OF PLANTS REQ'D	0	0	0
SHADE TREE VALUE			

SOILS

TYPE	DESCRIPTION
GLB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
MIC3	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
5132 CABIN RUN
WOODBINE, MD, 21797
301-354-6447

REVISION APPROVED
HOWARD COUNTY HEALTH DEPT.
8-15-96
Joyce M. Boyle, Esq. 8-23-96

APPROVED:
FOR PRIVATE WATER AND SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Bruce M. Boyle, Esq. 8/14/96
HOWARD COUNTY HEALTH OFFICER

PERIMETER II
NO PLANTING REQUIRED
EX. WOODED CONDITION

PERIMETER III
NO PLANTING REQUIRED
EX. WOODED CONDITION

PERIMETER I
NO PLANTING REQUIRED
EX. WOODED CONDITION

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. LOBARE & ASSOCIATES, JULY 1995.
7. TOPOGRAPHY FROM FIELD SURVEY PREPARED BY O'CONNELL AND LAWRENCE, INC. 10/96.

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.

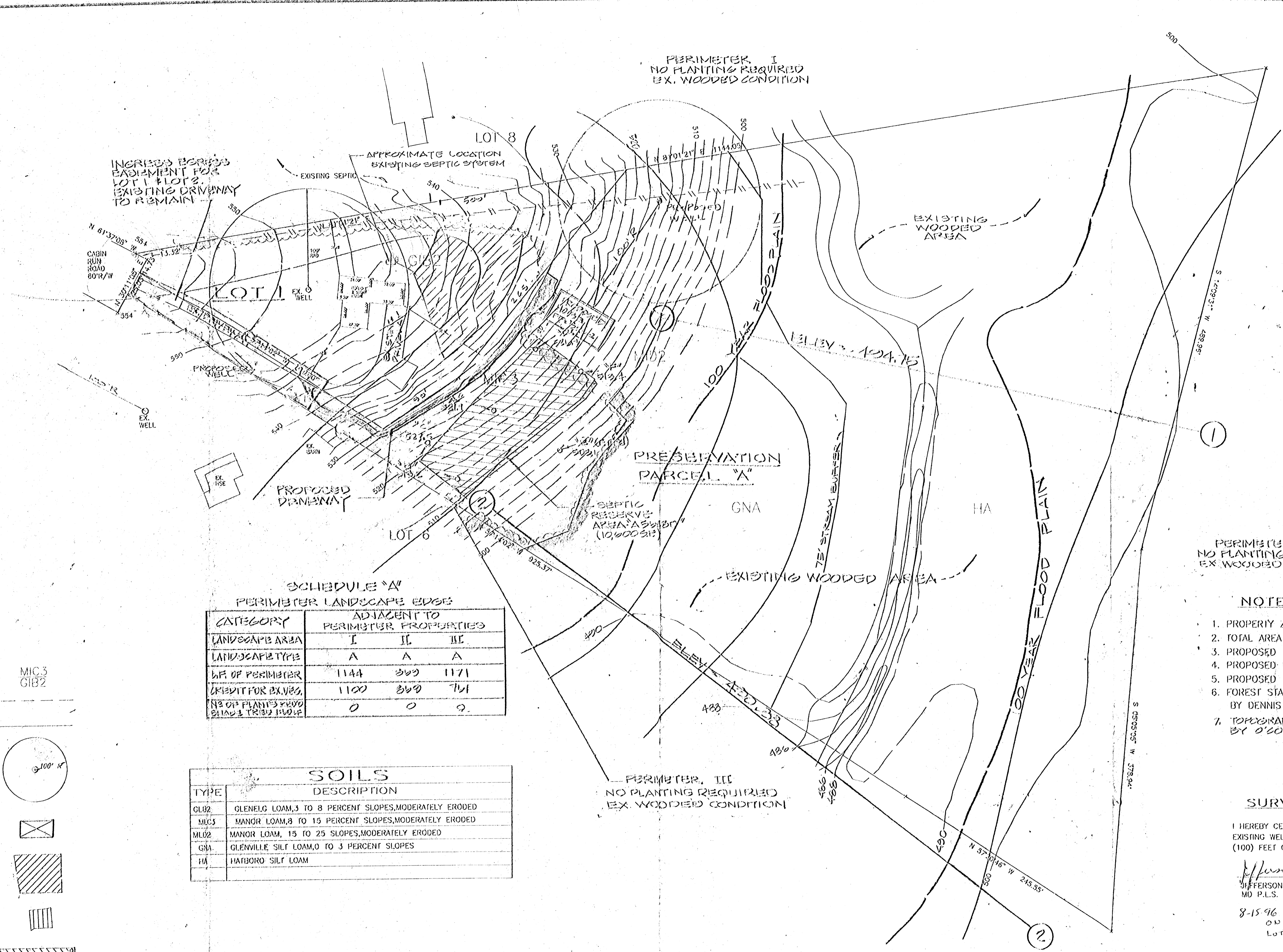
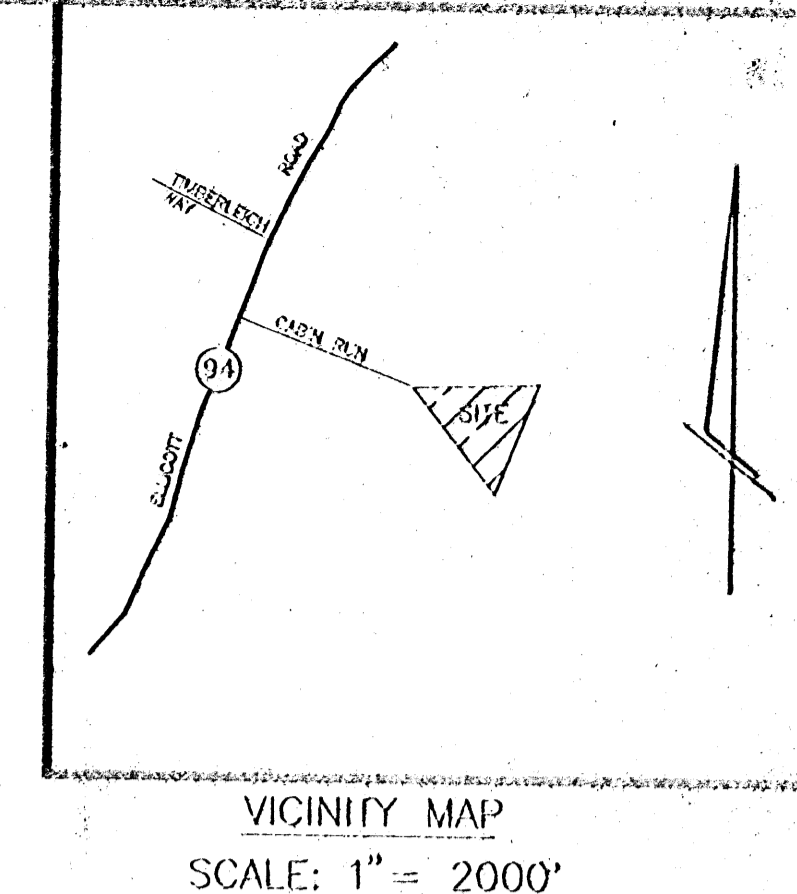
Jefferson D. Lawrence 3/25/96
JEFFERSON D. LAWRENCE DATE
MD P.L.S. # 5216

8-15-96 - LOT LINE ADJUSTED, WELL ON LOT 19 MOVED, LIMIT OF SEPTIC LOT 18 ADJUSTED, LOTS 8 REMOVED
Jefferson D. Lawrence 8-15-96 F37.05

TOPOGRAPHY, SOILS, AND PERC PLAN
LANDSCAPE PLAN
Signed **NUSS PROPERTY**
LOT 1 AND PRESERVATION PARCEL "A"
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
--------------------	-----------------	-----------------	-------------------	---------------------------	---------------------



LEGEND

- SOIL DIVISION MIC 3 GIB 2
- EXISTING CONTOUR
- BOUNDARY LINE
- PROP/EX WELL w/100' RADIUS
- PROP HOUSE
- EX. SEPTIC AREA
- STEEP SLOPES
- PROP SEPTIC AREA

SCHEDULE "A" PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES		
	I	II	III
LANDSCAPE AREA			
LANDSCAPE TYPE	A	A	A
LF OF PERIMETER	1144	800	1171
CREDIT FOR EX. TREES	1100	800	741
NO OF PLANTS TO BE PLANTED	0	0	0

SOILS

TYPE	DESCRIPTION
GLB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
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● Passed Hole ○ Failed Hole

APPLICANT/OWNER
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 3122 CABIN RUN
 WOODBINE, MD. 21797
 301-854-6447

REVISION APPROVED
 HOWARD COUNTY HEALTH DEPT.
 8-15-96
 Joyce M. Boylston, Sec. 8-23-96

HEALTH DEPARTMENT
 FILE # 2 A-56430
 P.

APPROVED:
 FOR PRIVATE WATER AND SEWER SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] 6/14/96
 HOWARD COUNTY HEALTH OFFICER ALA

PERIMETER II
 NO PLANTING REQUIRED
 EX. WOODED CONDITION

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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.

[Signature] 3/28/96
 JEFFERSON D. LAWRENCE DATE
 MD P.L.S. # 5216

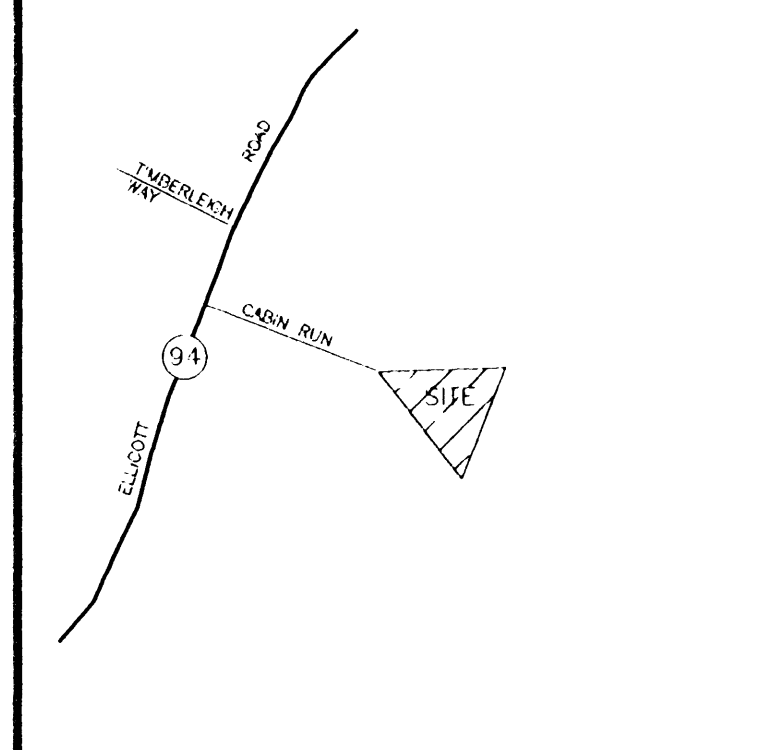
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 [Signature] 8-15-96

**TOPOGRAPHY, SOILS, AND PERC PLAN
 LANDSCAPE PLAN
 NUSS PROPERTY**

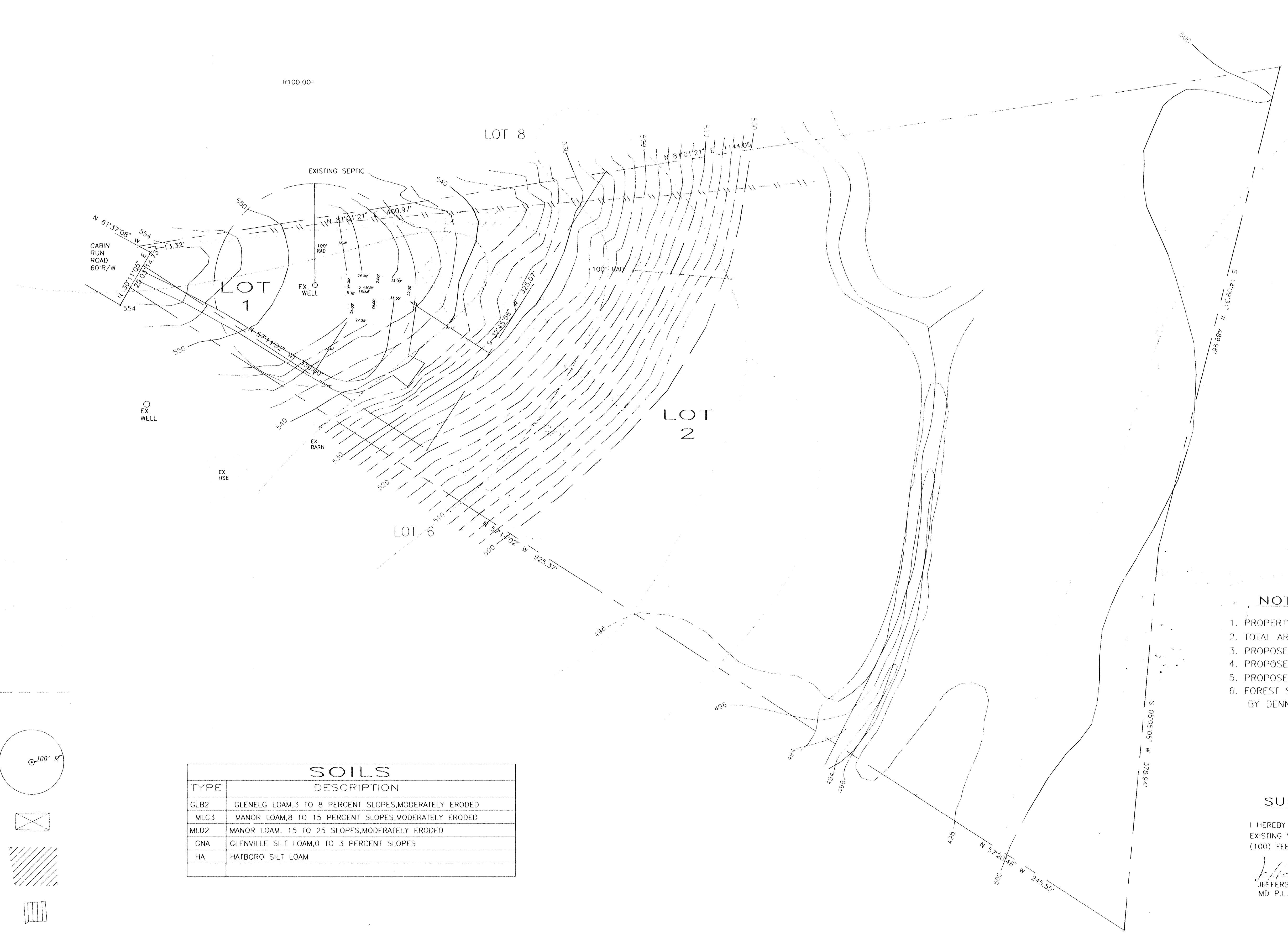
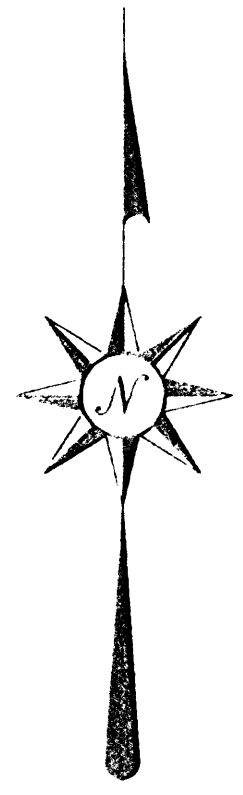
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 TAX MAP 13 HOWARD COUNTY, MARYLAND PARCEL 249

O'CONNELL & LAWRENCE, INC.
 SURVEYORS, ENGINEERS & LAND PLANNERS
 17901 Georgia Avenue, Suite 302, Olney, Maryland 20832
 Tel: (301) 921-4570 • Fax: (301) 921-5872

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



VICINITY MAP
SCALE: 1" = 2000'



LEGEND

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

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JEFFERSON D. LAWRENCE DATE 2-26-96
 MD P.L.S. # 5216

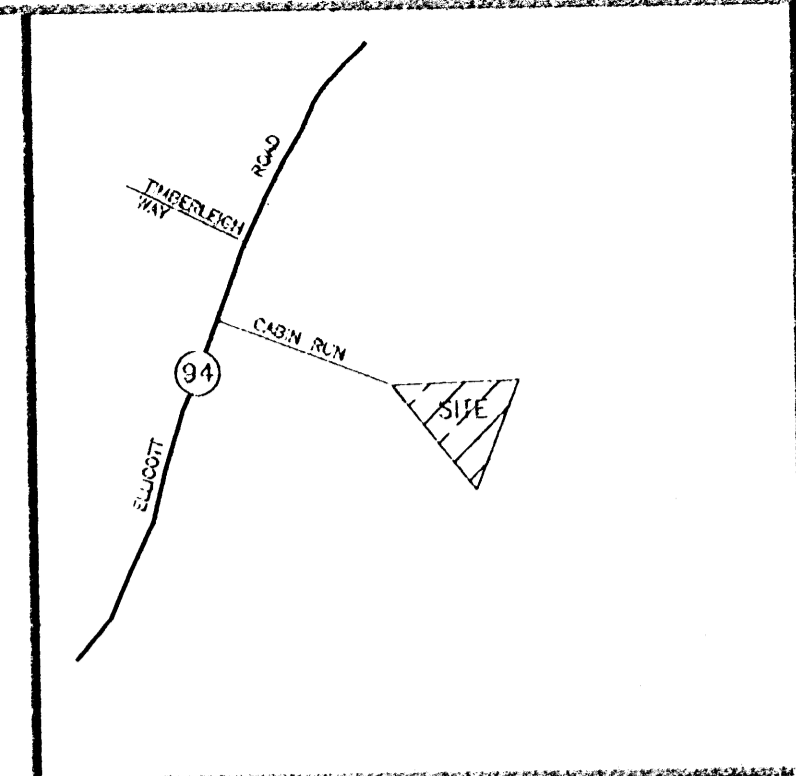
TOPOGRAPHY, SOILS, AND PERC PLAN
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LOTS 1 & 2
TAX MAP 13 HOWARD COUNTY, MARYLAND PARCEL 249

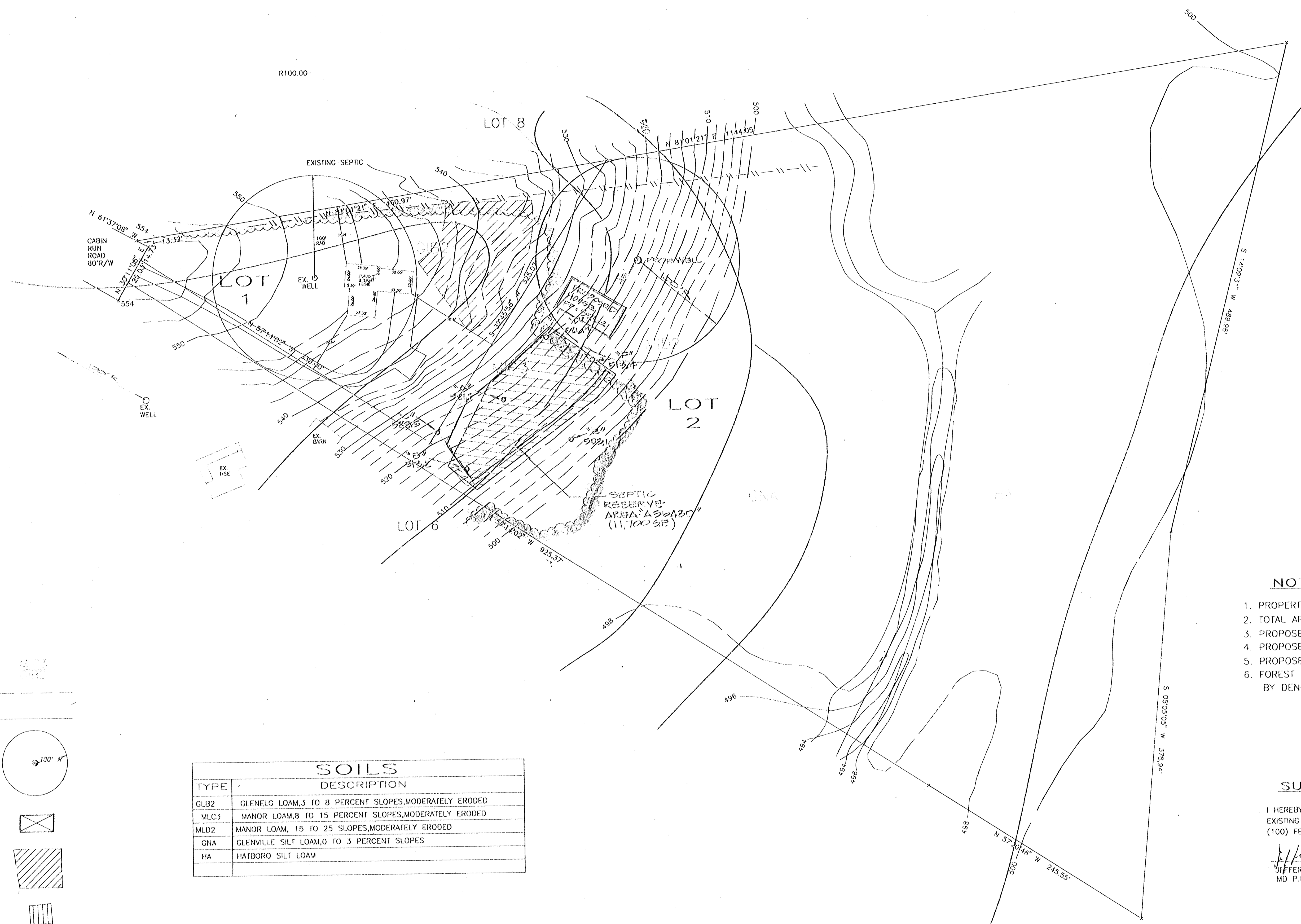
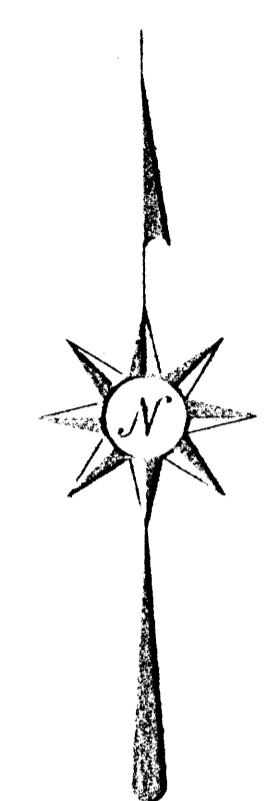
APPROVED:
FOR PRIVATE WATER AND SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

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DESIGNED BY JDL	DRAWN BY DPM	DATE 1/31/96	SCALE 1" = 50'	PROJECT/JOB NO. 22-092	SHEET NO. 1 OF 1
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VICINITY MAP
SCALE: 1" = 2000'



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

PRINT MADE

MAY 22 1996

HEALTH DEPARTMENT
FILE NO. A-52430
P.

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

TOPOGRAPHY, SOILS, AND PERC PLAN

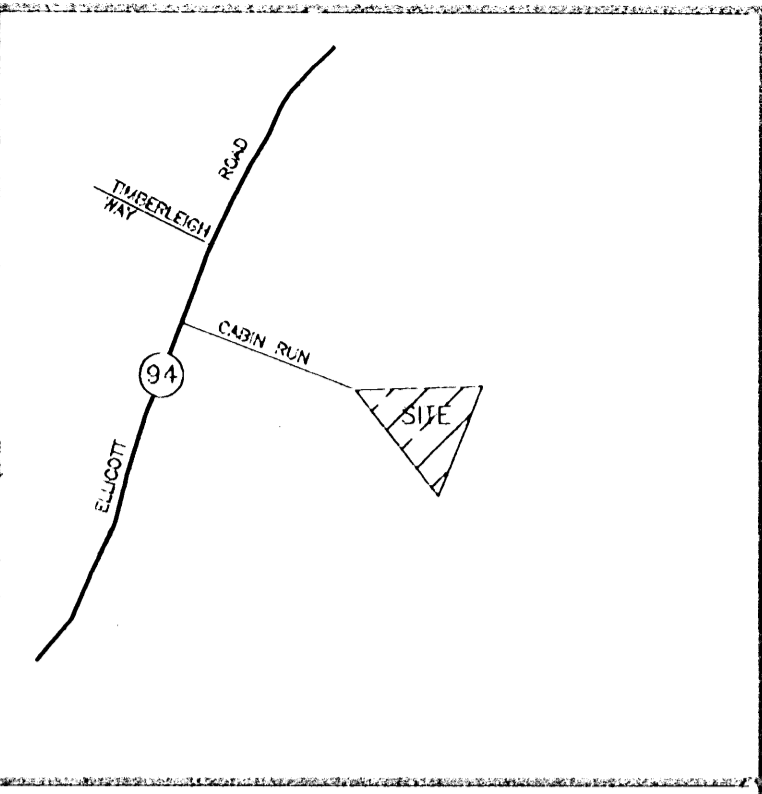
NUSS PROPERTY

LOTS 1 & 2

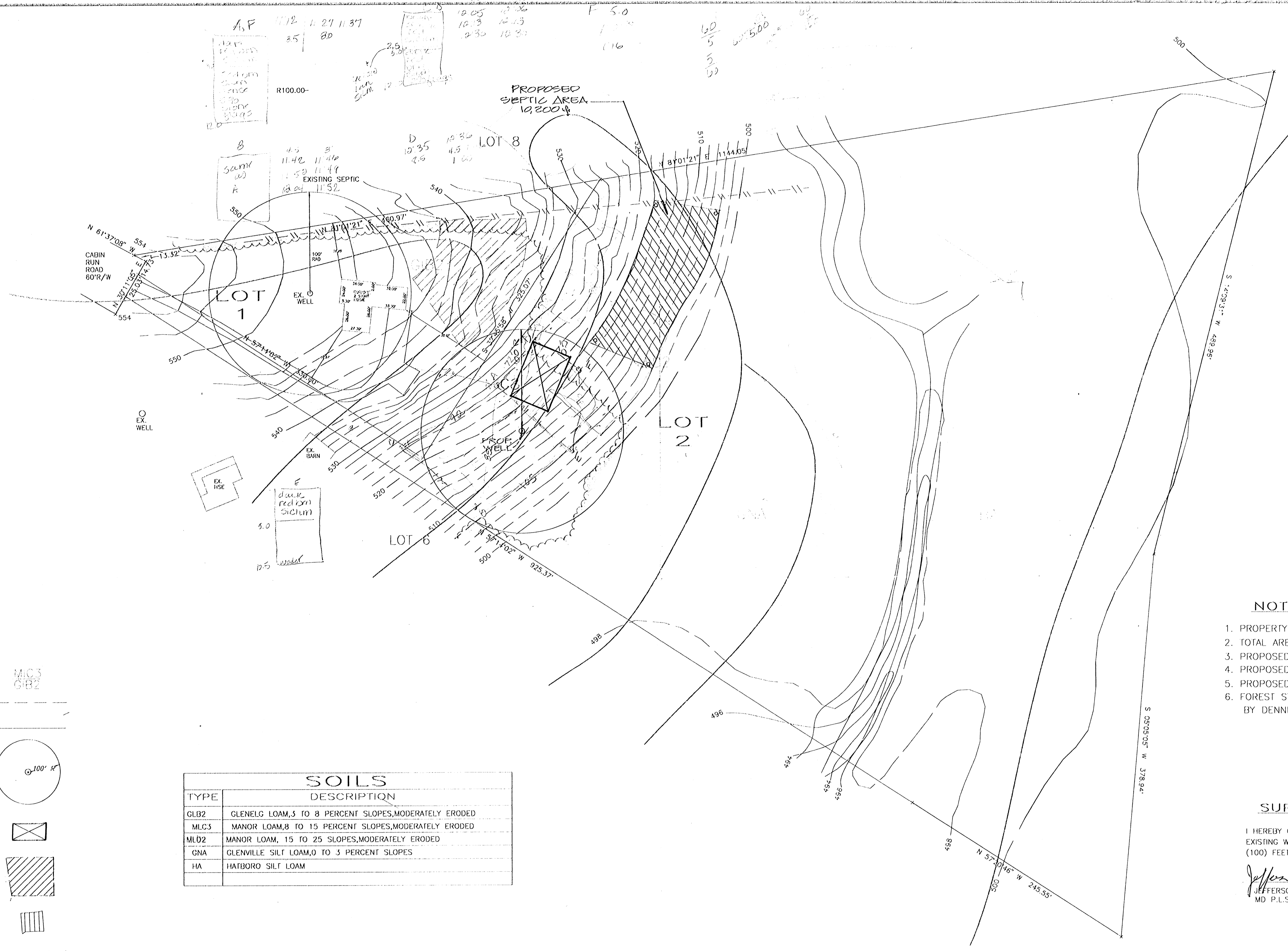
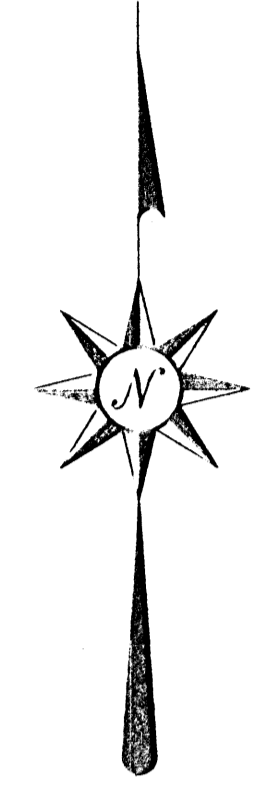
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SCALE: 1" = 2000'



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Jefferson D. Lawrence 9-1-98
JEFFERSON D. LAWRENCE DATE
MD P.L.S. # 5216

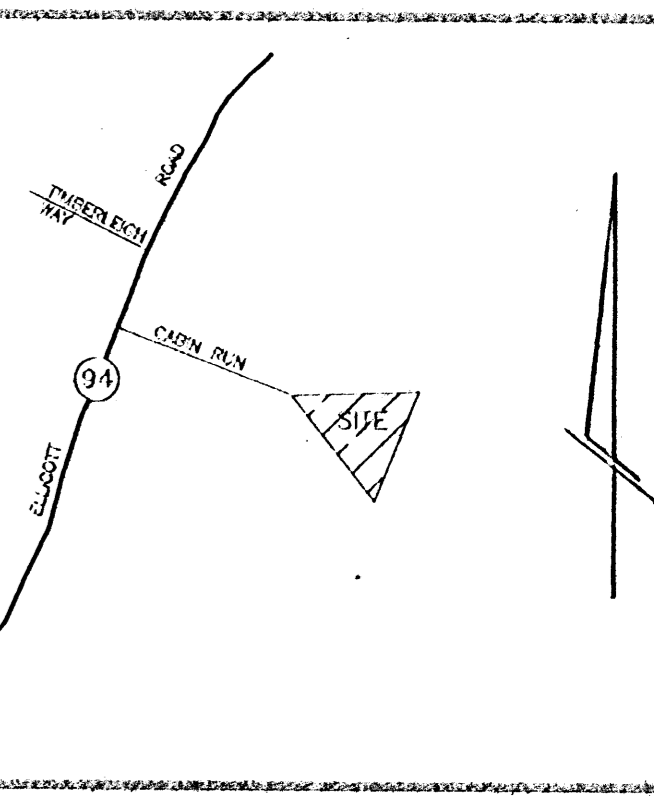
**TOPOGRAPHY, SOILS, AND PERC PLAN
NUSS PROPERTY
LOTS 1 & 2**

TAX MAP 13 HOWARD COUNTY, MARYLAND PARCEL 249

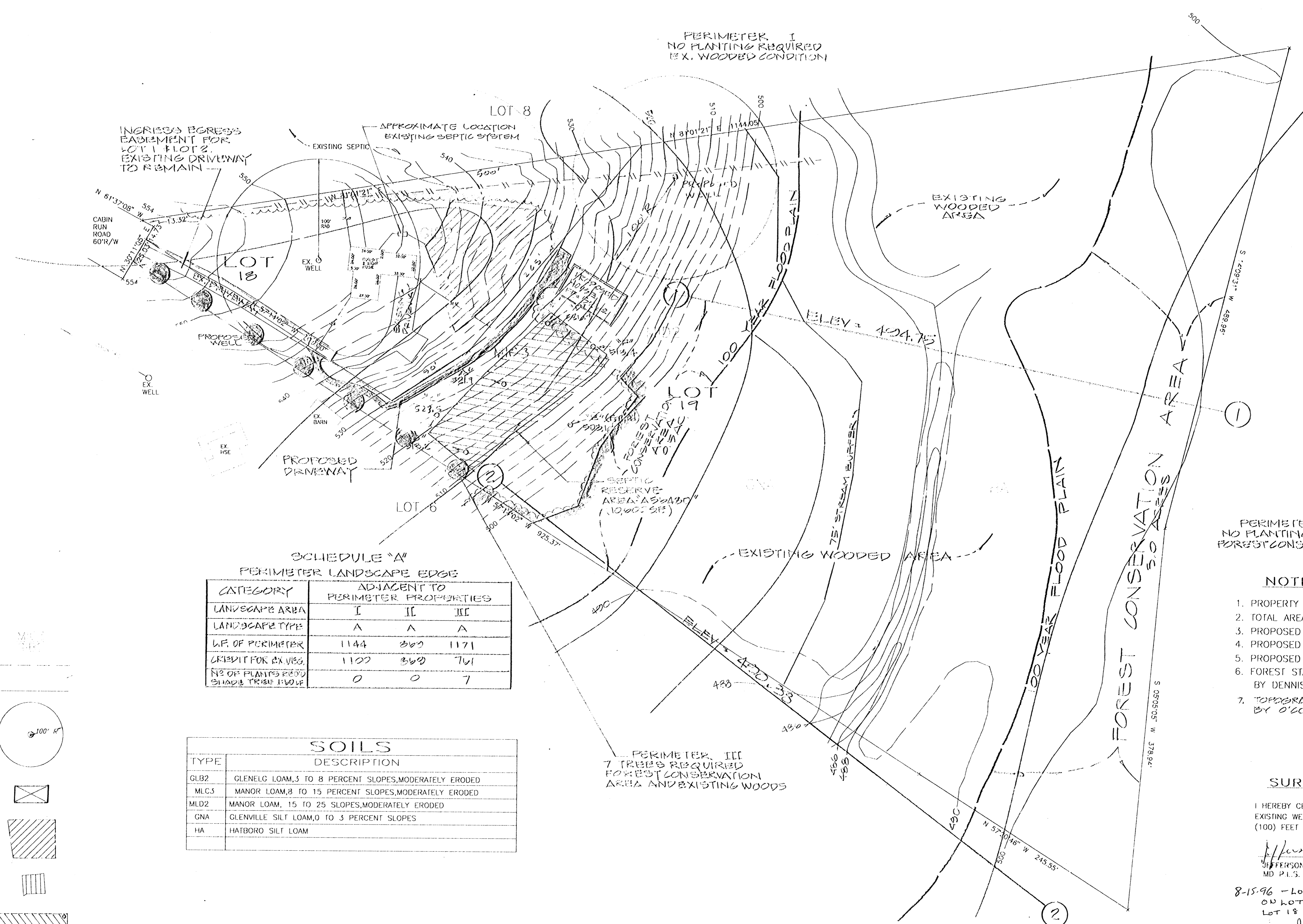
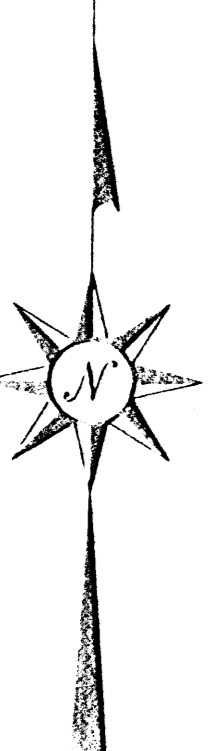
APPROVED:
FOR PRIVATE WATER AND SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
HOWARD COUNTY HEALTH OFFICER _____ DATE _____

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 3/31/98	SCALE 1" = 50'	PROJECT/JOB NO. 22-092	SHEET NO. 1 OF 1
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VICINITY MAP
SCALE: 1" = 2000'



LEGEND

- SOIL DIVISION
- EXISTING CONTOUR
- BOUNDARY LINE
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- PROP HOUSE
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- STEEP SLOPES
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LANDSCAPE AREA			
LANDSCAPE TYPE	A	A	A
LF OF PERIMETER	1144	360	1171
CREDIT FOR EX. TREES	1100	360	761
NO OF PLANTS REQ'D SHADE TREE 1:100'	0	0	7

SOILS

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REVISION APPROVED
HOWARD COUNTY HEALTH DEPT.
8-15-96
Joyce M. Boyle, Sr. 8-23-96

HEALTH DEPARTMENT
FILE NO. A-56430
P.

APPROVED:
FOR PRIVATE WATER AND SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Wayne M. Boyle, Sr.
HOWARD COUNTY HEALTH OFFICER ALM 6/14/96

PERIMETER II
NO PLANTING REQUIRED
FOREST CONSERVATION AREA

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. LoBARE & ASSOCIATES, JULY 1995.
7. TOPOGRAPHY FROM FIELD SURVEY PREPARED BY O'CONNELL AND LAWRENCE, INC. 1996.

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
MD P.L.S. # 5218 DATE

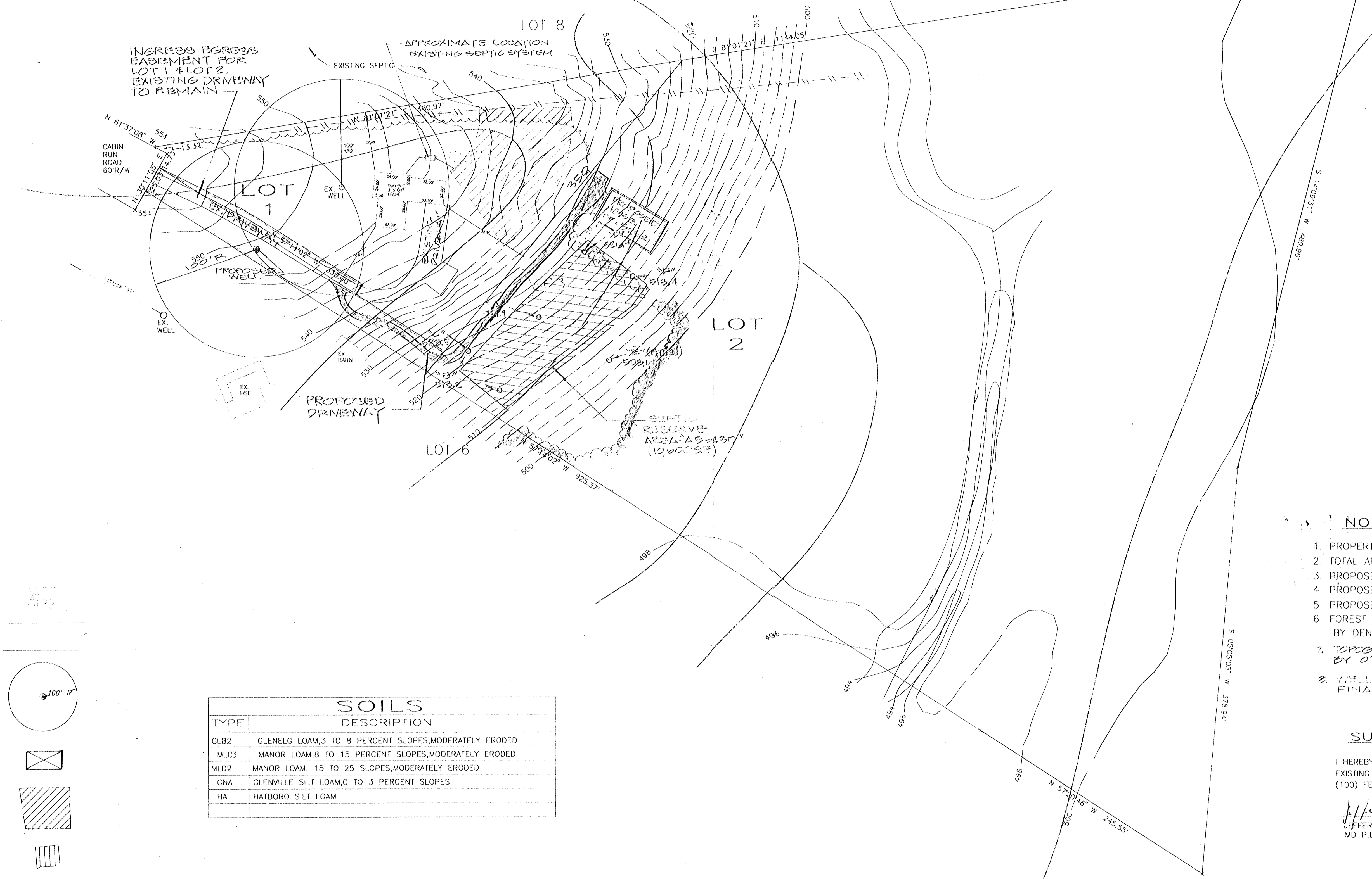
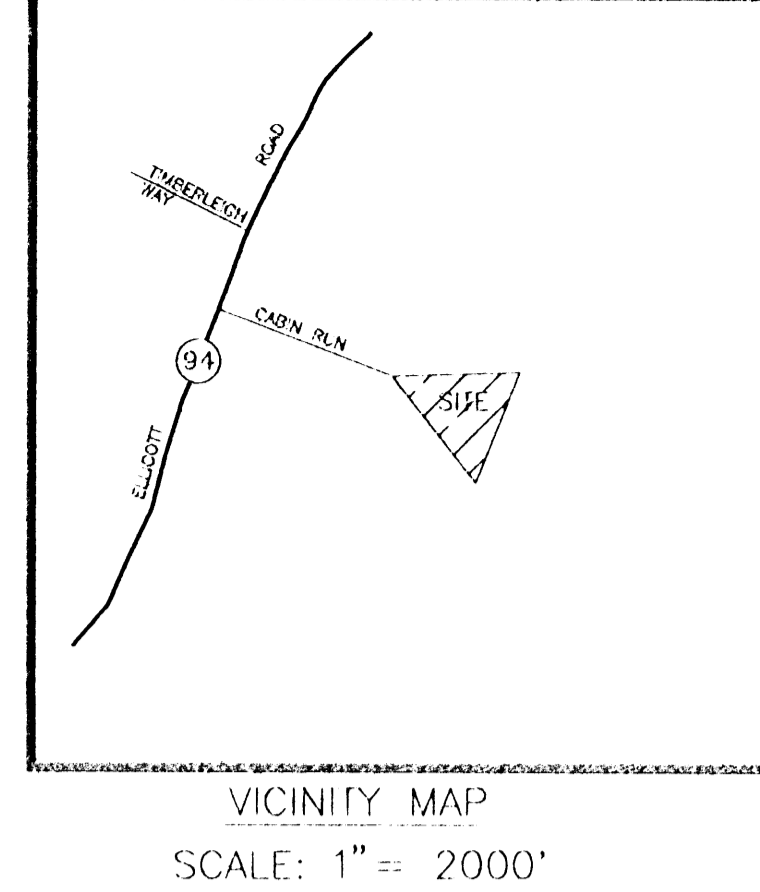
8-15-96 - LOT LINE ADJUSTED, WELL ON LOT 13 MOVED, LIMIT OF SEPTIC LOT 13 ADJUSTED, POLE REMOVED
Jefferson D. Lawrence 8-15-96

**TOPOGRAPHY, SOILS, AND PERC PLAN
LANDSCAPE PLAN
NUSS PROPERTY**

LOTS 13 & 19
TAX MAP 13 HOWARD COUNTY, MARYLAND PARCEL 249

O'CONNELL & LAWRENCE, INC.
SURVEYORS, ENGINEERS & LAND PLANNERS
17004 Georgia Avenue, Suite 302, Olney, Maryland 20832
Tel: (301) 924-1570 • Fax: (301) 924-5072

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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LEGEND

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

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

- NOTES**
- PROPERTY ZONED = RR
 - TOTAL AREA = 11.137 Ac.
 - PROPOSED # OF LOTS = 2
 - PROPOSED LOTS ARE BUILDABLE, SINGLE FAMILY DWELLINGS
 - PROPOSED PRIVATE WATER AND PRIVATE SEPTIC SYSTEMS
 - FOREST STAND AND WETLAND DELINEATION PREPARED BY DENNIS J. LOBARE & ASSOCIATES, JULY 1995.
 - TOPOGRAPHY FROM FIELD SURVEY PREPARED BY O'CONNELL AND LAWRENCE, INC. 10/96.
 - WELL ON LOT 2 TO BE DRILLED PRIOR TO FINAL RECORDING OF RECORD PLAN.

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 3/31/96
 JEFFERSON D. LAWRENCE DATE
 MD P.L.S. # 5216

VOID - REVISED AND APPROVED 8-23-96

TOPOGRAPHY, SOILS, AND PERC PLAN
NUSS PROPERTY
 LOTS 1 & 2

TAX MAP 13 HOWARD COUNTY, MARYLAND PARCEL 249

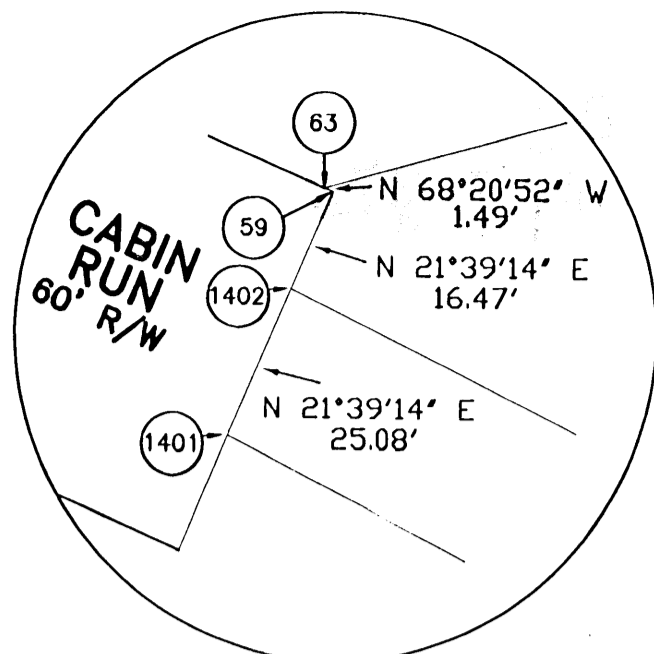
HEALTH DEPARTMENT
 FILE NO A-56430
 P.

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

Joyce M. Boyd 6/14/96
 HOWARD COUNTY HEALTH OFFICER DATE

O'CONNELL & LAWRENCE, INC.
 SURVEYORS, ENGINEERS & LAND PLANNERS
 17904 Georgia Avenue, Suite 302, Olney, Maryland 20832
 Tel: (301) 924-1570 • 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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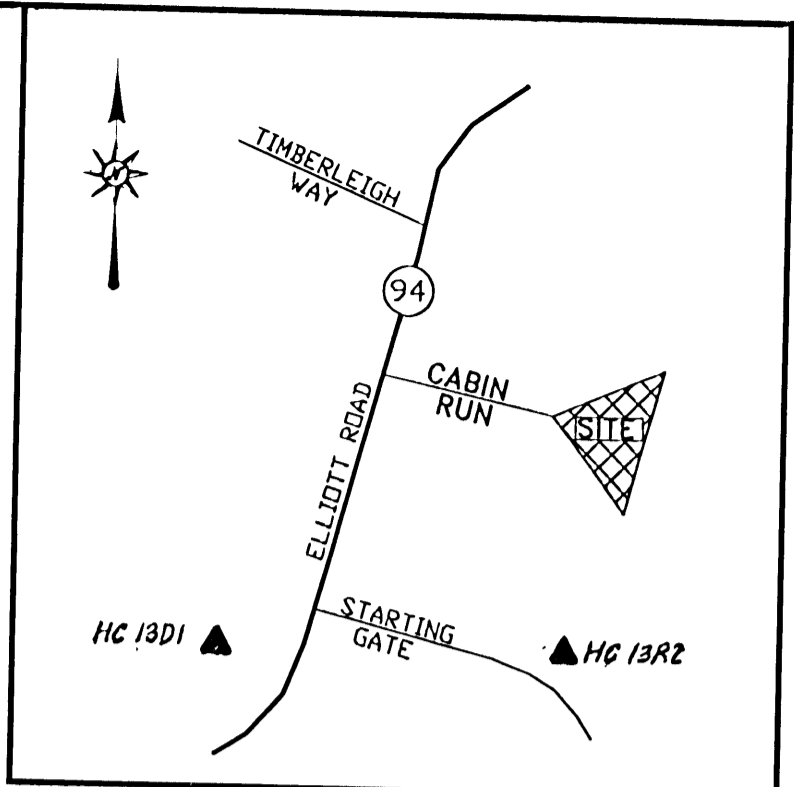
DETAIL: 1"=30'

LOT 8
PARCEL 250
FLORENCE FARMS
n/f MICHAEL G. & CHERYL L. PUTRO
L. 1635 F. 581

PROPERTY COORDINATES

POINT	NORTHING	EASTING
58	593667.980	1280986.872
59	593360.291	1279899.128
60	593304.525	1279876.988
63	593360.845	1279897.742
402	593182.594	1280923.923
404	592803.765	1280933.105
503	592912.102	1280712.749
1400	593492.909	1280366.061

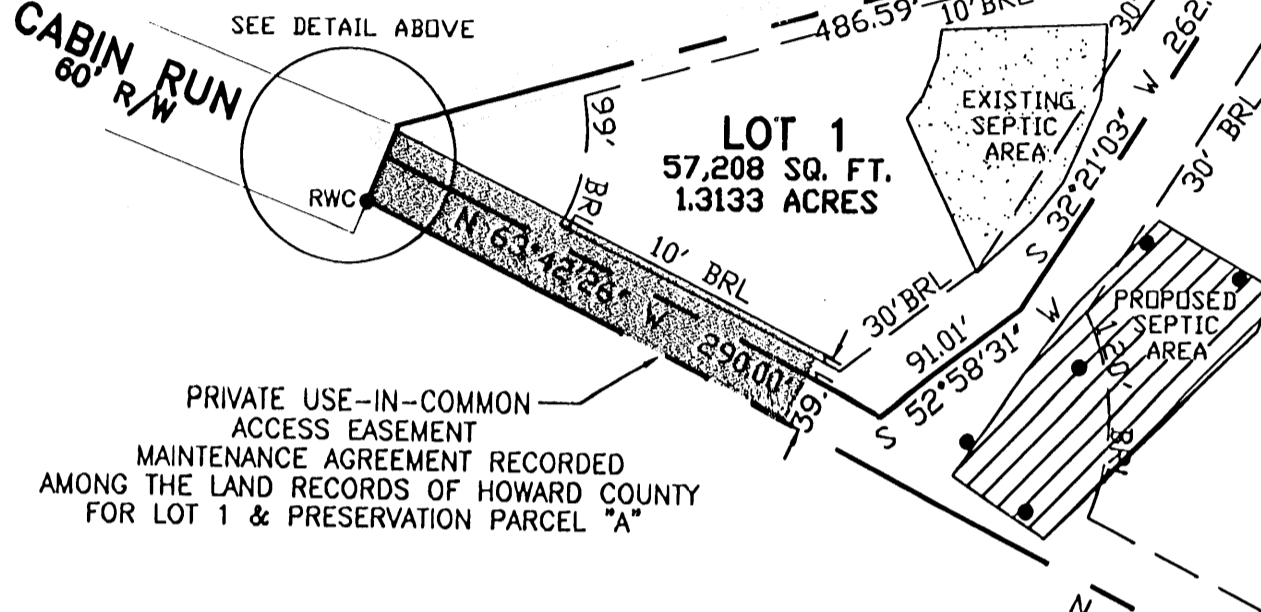
* Howard County Geodetic Control Stations:
Station HC 13D1 N: 593,130.8399 E: 1,277,553.0030
Elev. 1,591.336'
Station HC 13R2 N: 592,553.5501 E: 1,279,148.1810
Elev. 1,555.356'



VICINITY MAP
Scale: 1"=2000'

GENERAL NOTES

- Property Zoned: RR
- Coordinates based on NAD83 MD Coordinate System #.
- O — denotes iron pipe to be set.
- B.R.L. denotes building restriction line.
- Diagonal hatching designates a private sewage easement of a minimum of 10,000 SF. 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
- For flag or pipestem lots, refuse collection, snow removal, and road maintenance are provided to the junction of the flag or pipestem and road right-of-way and not onto the flag or pipestem.
- Driveways which serve two or more lots must meet the requirements of the Howard County Fire Department.
- This plat is based on a field run monumented boundary survey performed March, 1996 by O'Connell & Lawrence, Inc.
- Areas indicated on this plat are more or less.
- The Forest Conservation Easement has been established to fulfill the requirement of Section 161200 of the Howard County Code Forest Conservation Act. No clearing, grading or construction is permitted within the Forest conservation easement; however, forest management practices as defined in the Deed of Forest Conservation Easement are allowed.
- Driveway(s) shall be provided prior to residential occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:
 - Width - 12 feet (16 feet serving more than one residence)
 - Surface - 6 inches of compacted crusher run base with tar and chip coating
 - Geometry - Maximum 15% grade, maximum 10% grade change and minimum of 45-foot turning radius
 - Structures (culverts/bridges) - Capable of supporting 25 gross tons (423 loading)
 - Drainage elements - Capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface
 - Structure clearances - minimum 12 feet
 - Maintenance - Sufficient to insure all weather use
- Developer reserves unto itself, its successors and assigns, all easements shown on this plat for storm drainage, other public utilities, and Forest Conservation (designated as "Forest Conservation Area"), located in, over and through Lots 18 and 19, or portions thereof, and shown on this plat as the Forest Conservation Area. Any and all conveyances of aforesaid lots shall be subject to the easements herein reserved, whether or not expressly stated in the deed(s) conveying said lot(s). Developer shall execute and deliver a deed(s) for the easements herein reserved to Howard County, with a metes and bounds description of the Forest Conservation Area. Upon completion of the public utilities and their and Maintenance Agreement with Howard County, and in case of a forest conservation easement(s) acceptance by Howard County, and, in case of a forest conservation easement(s) release of the Developer's surety posted with said Agreement, the County shall accept the easements and record the deed(s) of easement in the Land Records of Howard County.
- Stormwater management for this project is being provided as follows:
 - Water Quantity - Lots: Exempt
 - Water Quality - Lots: Exempt
- Lots shown on this plat comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health Regulations.
- There are no wetlands on site that will be disturbed and require 401 and 404 wetlands permits from the State of Maryland.
- Existing house on Lot 1
- No new buildings, extensions or additions to the existing dwelling are to be constructed at a distance less than the zoning regulations require.
- Preservation Parcel "A" is encumbered by an easement agreement with Howard County, Maryland and the Audubon Society of Central Maryland. This agreement prohibits further subdivision of the parcel, outlines the maintenance responsibilities of its owner and enumerates the uses permitted on the property.
- The Preservation Parcel will have private ownership.
- The Preservation Parcel associated with this subdivision will create an environmental enclave to preserve the existing natural features of this property.
- Grading, removal of vegetation, and construction are prohibited within the streambank buffer.



The requirements of 3-108, The Real Property Article, Annotated Code of Maryland, 1988 replacement by volume, (as supplemented) as far as they relate to the making of this plat and the setting of markers have been complied with.

<i>James D. Reeve</i> James D. Reeve	12-4-2000 Date
<i>Catherine H. Reeve</i> Catherine H. Reeve	12-4-2000 Date
<i>Fred D. Nuss</i> Fred D. Nuss	1-12-00 Date
<i>Barbara G. Nuss</i> Barbara G. Nuss	1-12-00 Date
<i>Jefferson D. Lawrence</i> Jefferson D. Lawrence Md. Reg. Prof. Land Surveyor #5216	6-18-99 Date

MINIMUM LOT SIZE CHART

LOT	GROSS AREA ACRES	PIPESTEM AREA ACRES	REMAINING AREA ACRES	100-YEAR FLOODPLAIN ACRES	25% SLOPES ACRES	MINIMUM LOT SIZE ACRES
1	1.3133	0.0000	1.3133	0.0000	0.0000	1.3133

FINAL PLAT TABULATION

	TOTALS
1. TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:	2
2. TOTAL AREA OF LOTS AND/OR PARCELS:	10.8486 AC.
3. TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS:	0.0000 AC.
4. TOTAL AREA OF SUBDIVISION TO BE RECORDED:	10.8486 AC.

The purpose of this plat correction is to modify the boundary line along the northwest portion of the property, so as to be in accordance with the Amended Memorandum Opinion and Order of The Circuit Court for Howard County Maryland, entered April 22, 1999, in Case No. 97-CA-33267, and recorded among the Land and Records of Howard County, Maryland at Liber 4735, folio 0236. This correction modifies previous lots 1 and Preservation Parcel A.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS FOR HOWARD COUNTY HEALTH DEPARTMENT.

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE _____

DIRECTOR _____ DATE _____

OWNER'S CERTIFICATE

We, Fred D. and Barbara G. Nuss and James D. and Catherine H. Reeve, owners of the property shown and described hereon, hereby adopt this plan of subdivision and in consideration of the approval of this plat by the Department of Planning and Zoning establish the minimum building restriction lines. All easements of (or) rights-of-way affecting the property are included in this plan of subdivision.

Witness our hands this 19 day of NOV., 2000

Fred D. Nuss *Barbara G. Nuss* *James D. Reeve* *Catherine H. Reeve*
1-12-00 1-12-00

Claudia H. Lowe
Claudia H. Lowe
WITNESS AS TO JAMES D. REEVE & CATHERINE H. REEVE

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a subdivision of all the land conveyed to Fred D. Nuss and Barbara G. Nuss, husband and wife, from Robert H. Dickman, Marlon M. Dickman, Alan Lloyd Dickman and Sharon Lee Herzberger, as Joint Tenants, by deed dated January 12, 1988 and recorded in Liber 1777 at Folio 749 and land conveyed to James D. Reeve and Catherine H. Reeve, husband and wife, from Fred D. Nuss and Barbara G. Nuss by deed dated September 19, 1997 and recorded in Liber 4064 at Folio 136 all among the Land Records of Howard County, Maryland and that all monuments are in place or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown in accordance with the Amended Memorandum Opinion and Order of The Circuit Court for Howard County, Maryland, as amended.

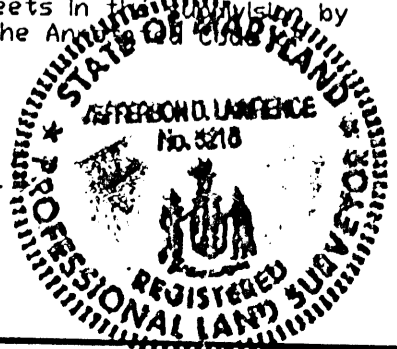
Jefferson D. Lawrence 6-18-99
Jefferson D. Lawrence
Md. Reg. Professional Land Surveyor #5216

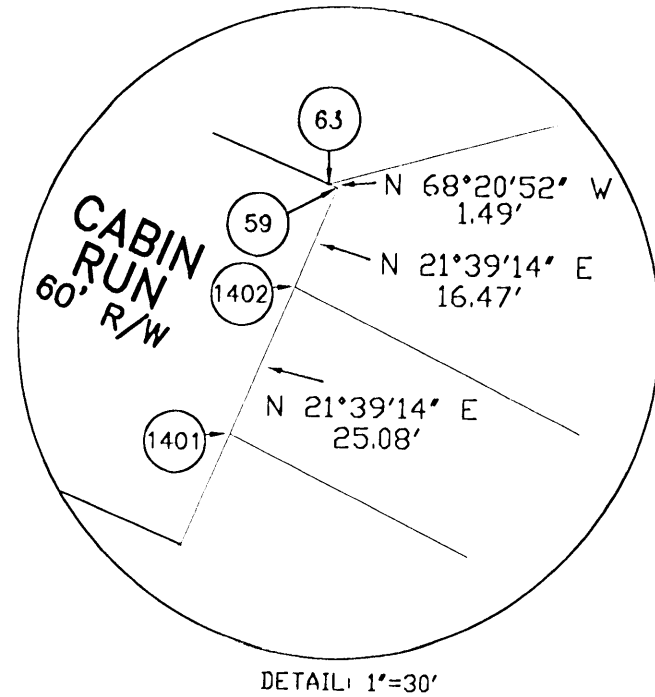
RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND ON _____ AS PLAT NUMBER _____

PLAT OF CORRECTION
NUSS PROPERTY
LOT 1 AND PRESERVATION PARCEL A
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TAX MAP: 13 GRID # 14 PARCEL: 249
ZONE: RC SCALE: 1"=100' SHEET 1 OF 1
MAY, 1999 F-97-05

O'CONNELL & LAWRENCE, INC.
SURVEYORS, ENGINEERS & LAND PLANNERS
17904 Georgia Avenue, Suite 302, Olney, Maryland 20832
DCL #022-092 Tel: (301) 924-4570 • Fax: (301) 924-5872





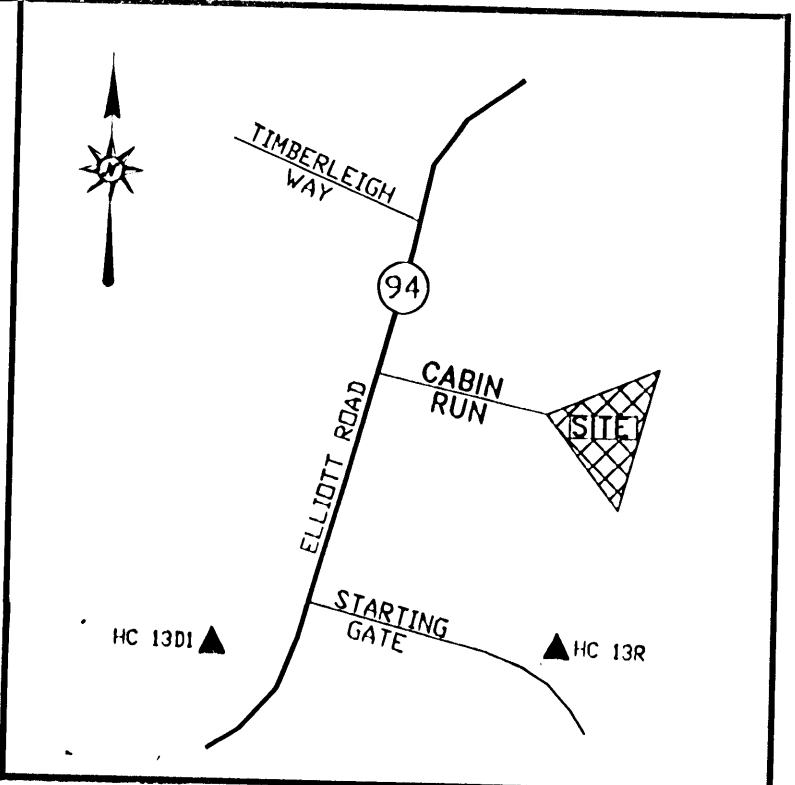
LOT 8
PARCEL 250
FLORENCE FARMS
n/f MICHAEL G. & CHERYL L. PUTRO
L. 1635 F. 581

NE 593,700
N 1280,600

PROPERTY COORDINATES

POINT	NORTHING	EASTING
58	593667.980	1280986.872
59	593360.291	1279899.128
60	593304.525	1279876.988
63	593360.841	1279897.742
402	593182.594	1280923.923
404	592803.765	1280933.105
503	592912.102	1280712.749
1400	593492.909	1280366.061

Howard County Geodetic Control Stations:
Station HC 13D1 N 593,130.8399 E 1,277,553.003 Elev. 591.336
Station HC 13R2 N 592,553.5507 E 1,279,148.1810 Elev. 555.356

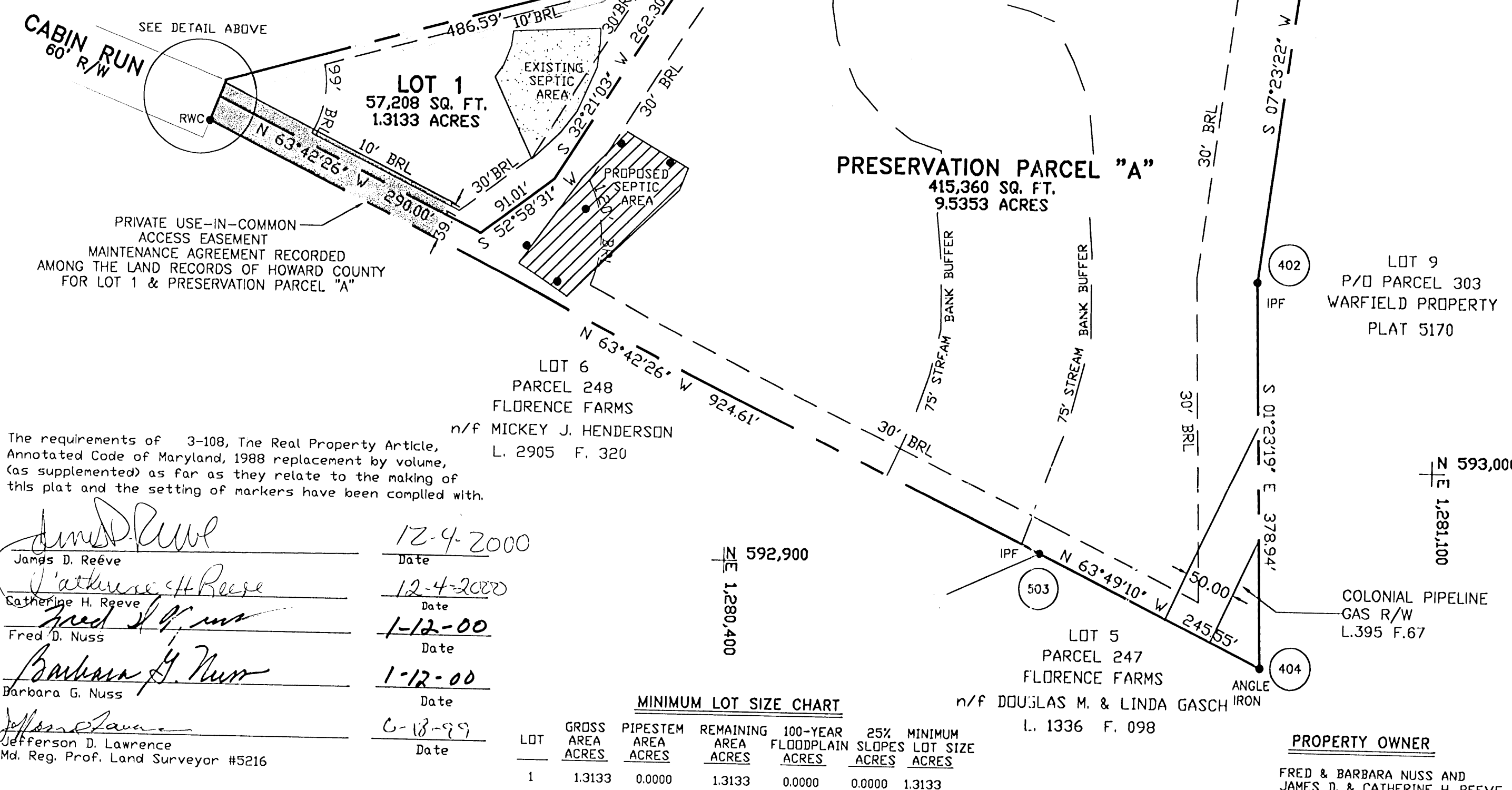


GENERAL NOTES

- Property Zoned RR.
- Coordinates based on NAD83 MD. Coordinate system w.
- Concrete monument to be set.
- Iron pipe to be set.
- Building restriction line.
- 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
- For flag or pipestem lots, refuse collection, snow removal, and road maintenance are provided to the junction of the flag or pipestem and road right-of-way and not onto the flag or pipestem.
- Driveways which serve two or more lots must meet the requirements of the Howard County Fire Department.
- This plat is based on a field run monumented boundary survey performed March, 1996 by D'Connell & Lawrence, Inc.
- Areas indicated on this plat are more or less.
- The Forest Conservation Easement has been established to fulfill the requirement of Section 16.1200 of the Howard County Code Forest Conservation Act. Clearing, grading or construction is permitted within the forest conservation easement, provided that the forest management practices as defined in the Deed of Forest Conservation Easement are allowed.
- Driveway(s) shall be provided prior to residential occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:
 - Width - 12 feet (16 feet serving more than one residence)
 - Surface - 6 inches of compacted crusher run base with tar and chip coating
 - Geometry - Maximum 15% grade, maximum 10% grade change and minimum of 45-foot turning radius
 - Structures (culverts/bridges) - Capable of supporting 25 gross tons (H25 loading)
 - Drainage elements - Capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface
 - Structure clearances - minimum 12 feet
 - Maintenance - Sufficient to insure all weather use
- Developer reserves unto itself, its successors and assigns, all easements shown on this plat for storm drainage, other public utilities, and forest conservation (designated as "Forest Conservation Area"), located in, over and through Lots 18 and 19, or portions thereof, and shown on this plat as the Forest Conservation Area. Any and all conveyances of a forested lot shall be subject to the easements herein reserved, whether or not expressly stated in the deed(s) conveying said lot(s). Developer shall execute and deliver a deed(s) for the easements herein reserved to Howard County, with a netes and bounds description of the Forest Conservation Area. Upon completion of the public utilities and their acceptance by Howard County, and, in case of a Forest Conservation easement(s), and Maintenance Agreement executed by the Developer and the County, and the release of the Developer's surety posted with said Agreement, the County shall accept the easements and record the deed(s) of easement in the Land Records of Howard County.
- Stormwater management for this project is being provided as follows:
 - Water Quantity - Lots: Exempt
 - Water Quality - Lots: Exempt
- Lots shown on this plat comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health Regulations.
- There are no wetlands on site that will be disturbed and require 401 and 404 wetlands permits from the State of Maryland.
- Existing house on Lot 1.
- No new buildings, extensions or additions to the existing dwelling are to be constructed at a distance less than the zoning regulations require.
- Preservation Parcel "A" is encumbered by an easement agreement with Howard County, Maryland and The Audubon Society of Central Maryland. This agreement prohibits further subdivision of the parcel, outlines the maintenance responsibilities of its owner and enumerates the uses permitted on the property.
- The Preservation Parcel will have private ownership.
- The Preservation Parcel associated with this subdivision will create an environmental enclave to preserve the existing natural features of this property.
- Grading, removal of vegetation, and construction are prohibited within the streambank buffer.

VICINITY MAP

SCALE: 1" = 2000'



The requirements of 3-108, The Real Property Article, Annotated Code of Maryland, 1988 replacement by volume, (as supplemented) as far as they relate to the making of this plat and the setting of markers have been complied with.

James D. Reeve 12-4-2000
Catherine H. Reeve 12-4-2000
Fred D. Nuss 1-12-00
Barbara G. Nuss 1-12-00
Jefferson D. Lawrence 6-18-99
Md. Reg. Prof. Land Surveyor #5216

MINIMUM LOT SIZE CHART

LOT	GROSS AREA ACRES	PIPESTEM AREA ACRES	REMAINING AREA ACRES	100-YEAR FLOODPLAIN ACRES	25% SLOPES ACRES	MINIMUM LOT SIZE ACRES
1	1.3133	0.0000	1.3133	0.0000	0.0000	1.3133

FINAL PLAT TABULATION

	TOTALS
1. TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:	2
2. TOTAL AREA OF LOTS AND/OR PARCELS:	10.8486 AC.
3. TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS:	0.0000 AC.
4. TOTAL AREA OF SUBDIVISION TO BE RECORDED:	10.8486 AC.

The purpose of this plat correction is to modify the boundary line along the northwest portion of the property, so as to be in accordance with the Amended Memorandum Opinion and Order of The Circuit Court for Howard County Maryland, entered April 22, 1999, in Case No. 97-CA-33267, and recorded among the Land and Records of Howard County, Maryland at Liber 4735, folio 0236. This correction modifies previous lots 1 and Preservation Parcel A.

PROPERTY OWNER

FRED & BARBARA NUSS AND JAMES D. & CATHERINE H. REEVE #3132 CABIN RUN WOODBINE, MD. 21797

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS FOR HOWARD COUNTY HEALTH DEPARTMENT.

HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

DIRECTOR DATE

OWNER'S CERTIFICATE

We, Fred D. and Barbara G. Nuss and James D. and Catherine H. Reeve, owners of the property shown and described hereon, hereby adopt this plan of subdivision and in consideration of the approval of this plat by the Department of Planning and Zoning establish the minimum building restriction lines. All easements of [or] rights-of-way affecting the property are included in this plan of subdivision.
Witness our hands this 19 day of NOV., 1999 2000

Fred D. Nuss 1-12-00
Barbara G. Nuss 1-12-00
James D. Reeve
Catherine H. Reeve
Claudia H. Lowe
WITNESS AS TO JAMES D. REEVE & CATHERINE H. REEVE

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a subdivision of all the land conveyed to Fred D. Nuss and Barbara G. Nuss, husband and wife, from Robert H. Dickman, Marlon M. Dickman, Alan Lloyd Dickman and Sharon Lee Herzberger, as Joint Tenants, by deed dated January 12, 1988 and recorded in Liber 1777 at Folio 749 and land conveyed to James D. Reeve and Catherine H. Reeve, husband and wife, from Fred D. Nuss and Barbara G. Nuss by deed dated September 19, 1997 and recorded in Liber 4064 at Folio 136 all among the Land Records of Howard County, Maryland and that all monuments are in place or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown in accordance with the Annotated Code of Maryland, as amended.

Jefferson D. Lawrence 6-18-99
Md. Reg. Professional Land Surveyor #5216

RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND ON AS PLAT NUMBER

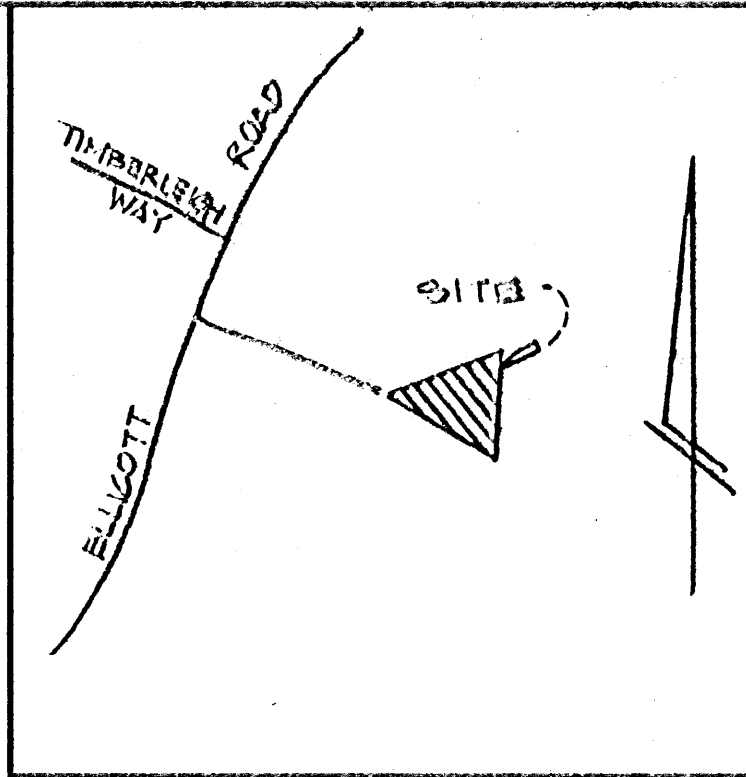
PLAT OF CORRECTION
NUSS PROPERTY
LOT 1 AND PRESERVATION PARCEL A
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TAX MAP: 13 GRID # 14 PARCEL: 249
ZONE: RC SCALE: 1"=100' SHEET 1 OF 1
MAY, 1999 F-97-05

O'CONNELL & LAWRENCE, INC.
SURVEYORS, ENGINEERS & LAND PLANNERS
17904 Georgia Avenue, Suite 302, Olney, Maryland 20832
Tel: (301) 924-4670 * Fax: (301) 924-5872

PROPERTY COORDINATES

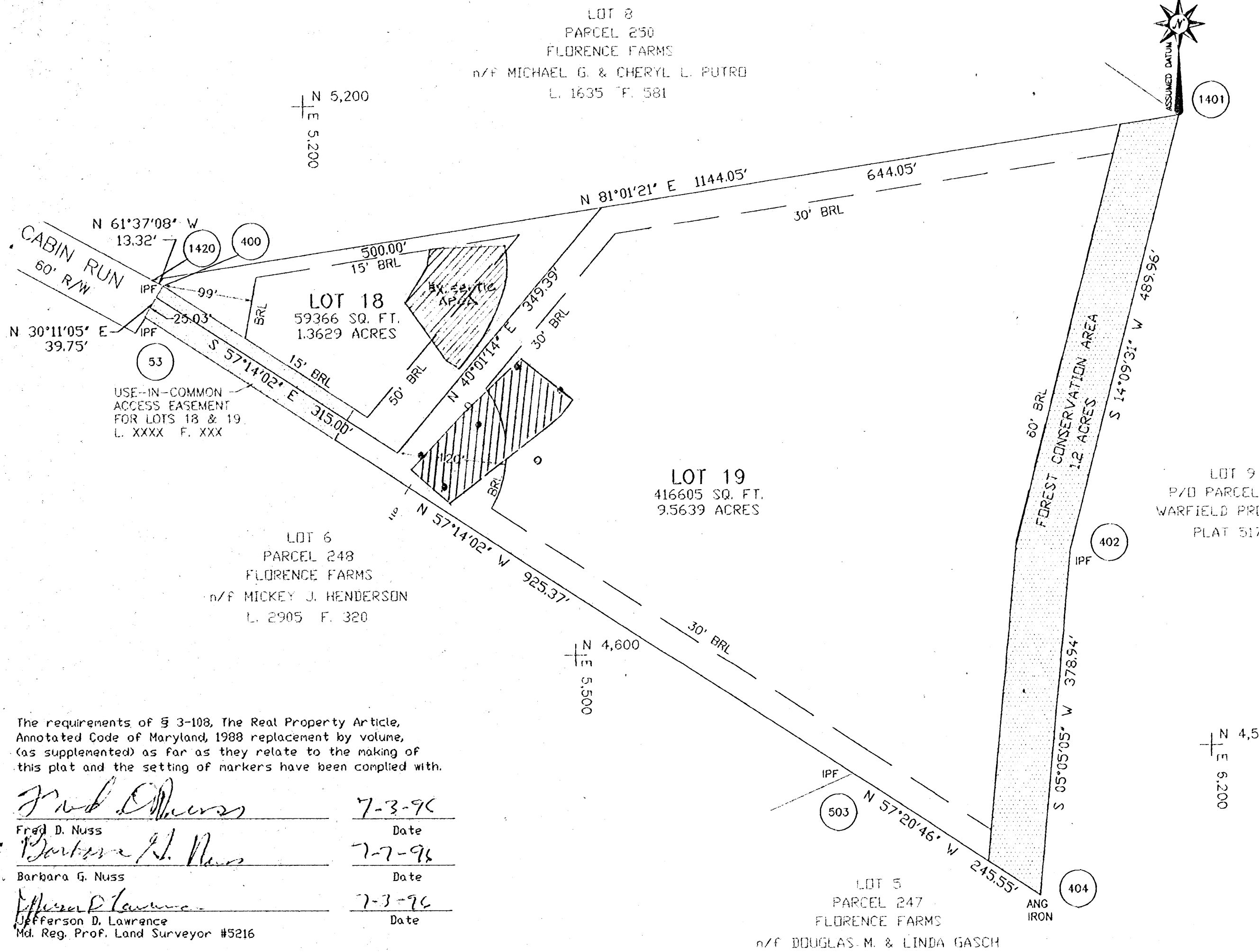
PT #	NORTHING	EASTING
53	4970.071	5026.349
400	5004.434	5046.338
402	4714.213	6044.799
404	4336.763	6011.213
503	4469.252	5804.476
1401	5189.292	8184.647
1420	5010.767	5034.615



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES

- Property Zoned: RR
- Coordinates based on assumed datum.
- denotes concrete monument to be set.
- denotes iron pipe to be set.
- BRL denotes building restriction line.
- /// this area designates a private sewage easement of a minimum of 10,000 SF, 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
- For flag or pipelot lots, refuse collection, snow removal, and road maintenance are provided to the junction of the flag or pipelot and road right-of-way and not onto the flag or pipelot.
- Driveways which serve two or more lots must meet the requirements of the Howard County Fire Department.
- This plat is based on a field run monumented boundary survey performed March, 1996 by O'Connell & Lawrence, Inc.
- Areas indicated on this plat are more or less.
- The Forest Conservation Easement has been established to fulfill the requirement of Section 161200 of the Howard County Code Forest Conservation Act. No clearing, grading or construction is permitted within the Forest Conservation Easement; however, forest management practices as defined in the Deed of Forest Conservation Easement are allowed.
- Driveway(s) shall be provided prior to residential occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:
 - Width - 12 feet (16 feet serving more than one residence)
 - Surface - 6 inches of compacted crusher run base with tar and chip coating
 - Geometry - Maximum 15% grade, maximum 10% grade change and minimum of 45-foot turning radius
 - Structures (culverts/bridges) - Capable of supporting 25 gross tons (H25 loading)
 - Drainage elements - Capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface
 - Structure clearances - minimum 12 feet
 - Maintenance - Sufficient to insure all weather use
- Developer reserves unto itself, its successors and assigns, all easements shown on this plat for storm drainage, other public utilities, and forest conservation (designated as "Forest Conservation Area"), located in, over and through Lots 18 and 19, or portions thereof, and shown on this plat as the Forest Conservation Area. Any and all conveyances of aforesaid lots shall be subject to the easements herein reserved, whether or not expressly stated in the deeds conveying said lots(s). Developer shall execute and deliver a deed(s) for the easements herein reserved to Howard County, with a netes and bounds description of the Forest Conservation Area. Upon completion of the public utilities and their acceptance by Howard County, and, in case of a Forest Conservation Easement(s), upon completion of Developer's obligation under the Forest Conservation Installation and Maintenance Agreement executed by the Developer and the County, and the release of the Developer's surety posted with said Agreement, the County shall accept the easements and record the deed(s) of easement in the Land Records of Howard County.
- Stormwater management for this project is being provided as follows:
 - Water Quality - Lots: Exempt
 - Water Quality - Lots: Exempt
- Lots shown on this plat comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health Regulations.
- There are no wetlands on site that will be disturbed and require 401 and 404 wetlands permits from the State of Maryland.



The requirements of § 3-108, The Real Property Article, Annotated Code of Maryland, 1988 replacement by volume, (as supplemented) as far as they relate to the making of this plat and the setting of markers have been complied with.

Fred D. Nuss 7-3-96
 Fred D. Nuss Date
Barbara G. Nuss 7-7-96
 Barbara G. Nuss Date
Jefferson D. Lawrence 7-3-96
 Jefferson D. Lawrence Date
 Md. Reg. Prof. Land Surveyor #5216

FINAL PLAT TABULATION	TOTALS
1. TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:	2
2. TOTAL AREA OF LOTS AND/OR PARCELS:	10.9268 AC.
3. TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS:	0.0000 AC.
4. TOTAL AREA OF SUBDIVISION TO BE RECORDED:	10.9268 AC.

MINIMUM LOT SIZE CHART						
LOT	GROSS AREA ACRES	PIPESTEM AREA ACRES	REMAINING AREA ACRES	100-YEAR FLOODPLAIN ACRES	25% SLOPES ACRES	MINIMUM LOT SIZE ACRES
18	1.3629	0.0000	1.3629	0.0000	0.0000	1.3629
19	9.5639	0.1805	9.3834	N/A	0.0000	9.3834

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS FOR HOWARD COUNTY HEALTH DEPARTMENT.

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

DIRECTOR _____ DATE _____

OWNER'S CERTIFICATE

We, Fred D. and Barbara G. Nuss, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this final plan by the Department of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns, (1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services in and under all roads and street rights-of-way and the specific easement areas shown hereon, (2) the right to require dedication for public use the beds of the streets and/or roads and floodplains and open space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable, (3) the right to require dedication of waterways and drainage easements for the specific purpose of their construction, repair and maintenance, and (4) that no building or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Witness our hands this 2 Day of July 1996
Fred D. Nuss *Barbara G. Nuss* *Jefferson D. Lawrence*
 Fred D. Nuss Barbara G. Nuss Witness

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a subdivision of all of the land conveyed to Fred D. Nuss and Barbara G. Nuss, husband and wife, from Robert H. Dickman, Marion M. Dickman, Alan Lloyd Dickman and Sharon Lee Herzberger, as Joint Tenants, by deed dated January 12, 1988 and recorded in Liber 1777 at Folio 749 all among the Land Records of Howard County, Maryland and that all monuments are in place and will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown in accordance with the Annotated Code of Maryland, as amended.

Jefferson D. Lawrence 7-3-96
 Jefferson D. Lawrence Date
 Md. Reg. Prof. Land Surveyor #5216

RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND ON _____ AS PLAT NUMBER _____

FLORENCE FARMS
 LOTS 18 AND 19
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP: 13 PARCEL: 249
 ZONE: RR SCALE: 1"=100' SHEET 1 OF 1
 JUNE, 1996 F-96-

O'CONNELL & LAWRENCE, INC.
 SURVEYORS, ENGINEERS & LAND PLANNERS
 17904 Georgia Avenue, Suite 302, Olney, Maryland 20832
 Tel: (301) 924-4570 • Fax: (301) 924-5822
 OCL #022-092



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

April 8, 1996

Mr. and Mrs. F. Nuss
3132 Cabin Run
Woodbine, Maryland 21797

RE: Percolation Testing
Application Number: 56480
Lots 1 & 2 - Cabin Run
Tax Map: 13 Parcel: 249

Dear Mr. and Mrs. Nuss:

A percolation test date has been reserved for 10:00 a.m., Wednesday, April 24, 1996.

You will be responsible for having a contractor on-site to excavate test holes at the corners of the proposed percolation area.

A portion of the proposed septic easement on Lot 2 is located in a soil type which has been known to have high water table conditions. Anticipating the likelihood that at least some of the proposed test locations will be unsuccessful, the property lines should be clearly marked in the field so that your field representative can suggest other test locations if necessary.

Please call this office to confirm the above percolation test date.

If you have any other questions relative to this matter, please call me at 313-2640.

Very truly yours,

Amy McMillen, R. S.
Water and Sewerage Program

AM:jr

cc: O'Connell & Lawrence
File

File: xp51\jama\puaa

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

April 29, 1996

Mr. and Mrs. Fred Nuss
3132 Cabin Run
Woodbine, Maryland 21797

RE: Percolation Test Results
Application Number: 56480
Proposed Use: Subdivision
Property ID: Nuss Property - Lots 1 & 2
Resubdivision of Florence Farms Lot 7
Tax Map: 13 Parcel: 249

Dear Mr. and Mrs. Nuss:

Percolation testing conducted April 24, 1996 on the above referenced property yielded limited satisfactory soil conditions. High water table conditions were encountered on the lowest portions of the proposed septic easement. While it seems feasible that this limitation can be overcome there is also some concern as to the actual percentage of slope in the proposed septic easement.

Copies of percolation test results are enclosed.

A Percolation Certification Plan showing the following information should be submitted to this office by a registered engineer:

- actual locations & elevations of all excavated test holes
- suitable house site
- suitable well site
- locations of existing wells and septic systems that are on the property
- locations of all existing structures on the property
- locations of existing wells and septic systems within 100 feet of property boundaries
- locations of streams/swales/springs or any other relevant features
- "A" number on the proposed septic reserve easement
- Field confirmed topography sufficient for the engineer to certify that "no slopes exceeding 25% are encompassed within the proposed sewage easement nor within 25 feet of the easement".

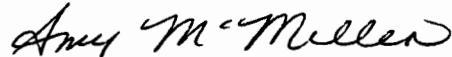
Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323

April 29, 1996

This should plan be submitted within 60 days to allow field verification if necessary.

If you have any questions regarding this matter, please contact me at the below address or by calling 313-2640.

Very truly yours,



Amy McMillen, R. S.
Water and Sewerage Program

AM:jr

Enclosures

cc: O'Connell & Lawrence, Inc.
Sherry Gardner
File

TENTATIVE

Nuss Property - Perc Cert 5/24/96

- well site unacceptable for lot 2
(To go in pipestem) OK 6/12/96 AW
- Note verifying field run topography not on plat OK 6/12/96 AW

cut corner lot to Kalo...
driveway

Add note -
sharper driveway
w/ 6/12/96

well to be placed
prior to final plat

- septic easement needs to be adjusted which may result in the need for a lot line adjustment OK 6/12/96 AW

where is the driveway going? It should be shown OK 6/12/96 AW

show location of existing septic system OK 6/12/96 AW

- existing septic system of house to the right? location important due to potential impact to well location on lot 2. OK 6/12/96 AW

NOTES & PLAT

GIVEN TO BILL ALLEN

6/5/96 (CW)

Q -

WELL LOCATION

SUFFICIENT DIST. FROM DRIVEWAY

TO BE DRILLED BEFORE FINAL AW
OK 6/12/96 AW

01-06-97

The neighbor to the left, Michael Putro, came into this office and complained that his well was less than 100 feet from the recorded sewage easement on the existing house. He wanted to know if we would take back our approval of F-97-05. Craig Williams said we could not recend our approval because the easement and well placement relation was a previously approved set-up, it did not have anything to do with the creation of the new lot. The subdivision did not make the situation worse. Craig said that if the subdivision was held up for other reasons - the discrepancy between actual lot line location - we would have the septic easement adjusted so that it was 100 feet from his well.

On this same day Amy Mc Millen went on a field inspection to determin the actual location of the well. Field inspection showed that the well is 100 feet from the sewage disposal easement if the existing fence is on the property line. If the property line is further to left than the fence, the well is approximately 80 feet from the existing well.

01-08-97

Cindy Hamilton of DPZ called and wanted to know if we were going to recend our previous approval because Michael Putro now has his lawyer involved. ALM spoke with C. Williams and our decision to not recend our previous approval stays. Cindy Hamilton was given this message.

01-21-97

Telephone conversation with Fred and Barbarah Nuss:

Q What was Mr. Putro's complaint?

A That your septic was less than the required 100 from his well.

Q We understand that he is claiming our septic is contaminating his his well due to a black goo comming into his sinks.

A This is the first I have heard of a well contamination issue, but even so, "black goo" does not sound like septic contamination.

Q How could we determine if our septic is contaminating his well?

A The only way to know definitavely is to preform a dye test. But, if the dye does not show up, it does not mean that your septic is definatively NOT contaminating their well.

The following general comments were made in response to unclear questions from the Nuss's:

1. We will not recend our previous approval of F-97-05. The only thing that may be required is a replating (not throught the county) of the recorded sewage disposal easement on their lot.
2. We will not recend our approval of their existing septic system.
3. Questions were raised regarding the legality of the earlier practice of approving wells to septics at 75 feet. I told her it was common practice to do this but as to the legal side of it they would have to talk to Craig Williams.

01-22-96

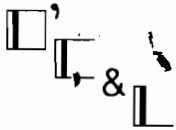
ALM informed Craig Williams to call Barbarah Nuss. Copies of the existing property files for Mr. Putro and Barbarah Nuss were found and the following conclusions drawn from this information:

1. Mr. Putro's existing septic system is approximately 77 feet from his own well.
2. There was a previously approved (though not formally with Dr. Boyd's signature) 10,000 sq. ft. septic easement on the Nuss's property. The subdivision of Nuss's property actually made their septic easement farther away from Mr. Putro's well than was previously approved.

SUBDIVISION REVIEW PROGRESS - NUSS PROPERTY - LOTS 1 & 2

- 02-28-96 Application for percolation testing was submitted, engineer was informed that the proposal for the well on Lot 2 was unacceptable due to existing sewage disposal easement being directly uphill from it.
- 04-08-96 A percolation test date was set for April 24, 1996.
- 04-24-96 Percolation testing was conducted.
- 04-29-96 A percolation test response letter was sent to the owner and engineer.
- 05-20-96 A percolation certification plat was submitted to this office for review by the engineer.
- 05-24-96 Review of the perc. cert. plan completed by ALM.
- 06-05-96 Review notes given to engineer by CW.
- 06-06-96 Revised percolation certification plat submitted to this office by the engineer.
- 06-12-96 Revised percolation plat reviewed by ALM & CW.
- 06-14-96 Revised percolation plat approved by ALM and signed by the Health Officer.
- 07-08-96 Mike Kay, engineer requested relief from well before final plat requirement of approved perc. cert.. ALM informed him that no relief was possible, he could appeal to CW.
F-97-05 DPZ comment sheet was recieved - no comment made.
- 07-30-96 Owner, Mrs. Nuss had a meeting with CW requesting relief of well drilling requirement. Per Mrs. Nuss, inspector, ALM never informed her that this would be a requirement for approval, while ALM made this requirement known several times at the time of percolation testing (per ALM). An agreement was reached whereas some lot line adjustments, septic easement adjustments and well site adjustments on Lot 2 would be made in order to relieve the owners from drilling the well on Lot 2 prior to record plat approval.
- 08-02-96 Revised percolation test plan submitted with the requested changes.
- 08-23-96 Revised percolation test plan approved by ALM and signed by the Health Officer.
- 10-07-96 Percolation certification plan (not for signature) was submitted. The purpose of this plan was to change the name and lot #'s in the subdivision only. The old name and lot #'s were Florence Farms - Lots 18 & 19, the new name and lot #'s are Nuss Property - Lots 1 and Preservation Parcel "A".
- 10-10-96 F-97-05 Nuss Property, Lot 1 & Pres. Pcl. "A" signed by H.O..

- 2/15/01 Engineer (O'Connell & Lawrence) asked for a plat of correction through originals only process. The plat of correction was to revise the property line per a court decision. I told the engineer to send a copy of the plat of revision so that I could check in the field to be sure the existing septic system on the neighbors lot is still on their lot. The outcome looks good because the Nuss's neighbors won the court decision.
- 2/27/01 Plan reviewed, original only request for a lot line adjustment approved. Existing septic not affected by new property line. Memo sent to Cindy Hamilton, DPZ regarding same.



O'CONNELL &
LAWRENCE, INC.

LETTER OF TRANSMITTAL

17904 Georgia Avenue, Suite 302
Olney, Maryland 20832
(301) 924-4570 Fax (301) 924-5872

SURVEYORS, ENGINEERS & LAND PLANNERS

To: HOWARD COUNTY HEALTH DEPT.
3525-H Ellicott Mills Drive
Ellicott City, Md. 21043

Attn: _____

Phone: _____

Date:	<u>FEB. 28, 1996</u>
Job No.:	<u>22-092</u>
Project Name:	<u>NUSS PROPERTY</u>
	<u>Parcel 249</u>
	<u>Tax Map 13</u>

We are sending You via (circle one) mail/courier/other _____.

Number Copies	Original Blue, Mylar	Description
<u>2</u>		<u>PROPOSED "PERC PLAN"</u>
<u>1</u>		<u>Application For Perc Tests</u>
		<u>check #225.00</u>

Submitted:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> For Approval | <input type="checkbox"/> For Review | <input type="checkbox"/> For Your File |
| <input type="checkbox"/> For Your Use | <input checked="" type="checkbox"/> For Your Action | <input type="checkbox"/> For Your information |
| <input type="checkbox"/> As Requested | <input type="checkbox"/> For Bids Due _____ 19____ | |
| <input type="checkbox"/> _____ | | |

Remarks: _____

Copy To: _____

Signed: Brian Allen

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Division of Land Development and Research

DATE: 7-3-96

P&Z File No. F-97-05

Department of Planning and Zoning

- Transportation Planning
- Historic Preservation
- Comprehensive Planning and Zoning Administration
- Research
- Address Coordinator
- Agricultural Preservation
- Development Engineering Division
- Forest Conservation Planner
- File

Agencies

- | | |
|--|---|
| <input checked="" type="checkbox"/> Soil Conservation District | <input checked="" type="checkbox"/> Tax Assessment |
| <input type="checkbox"/> Department of Inspections, Licenses & Permits | <input checked="" type="checkbox"/> Bell Atlantic Telephone |
| <input checked="" type="checkbox"/> Department of Fire and Rescue Services | <input checked="" type="checkbox"/> BG&E |
| <input checked="" type="checkbox"/> State Highway Administration | <input type="checkbox"/> Cable TV |
| <input checked="" type="checkbox"/> Bureau of Environmental Health | <input type="checkbox"/> Police |
| <input checked="" type="checkbox"/> Board of Education | <input type="checkbox"/> MTA |
| <input checked="" type="checkbox"/> Recreation and Parks | <input type="checkbox"/> Finance |
| <input type="checkbox"/> | <input type="checkbox"/> DPW, Real Estate Services |
| <input type="checkbox"/> | <input type="checkbox"/> DPW, Construction and Inspection |

RE: Dolence Farms Lots 18 & 19

ENCLOSED FOR YOUR: Signature Approval Review and Comments Files
 THE ENCLOSED: Original

<u>Plans :</u>	<u>No. of Sheets</u>	<u>Supplemental Documents</u>
<input type="checkbox"/> Sketch Plan	<input type="checkbox"/>	<input type="checkbox"/> Wetlands Report
<input type="checkbox"/> Prel Equiv Sketch Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/> Soils/Topo Map/Drain Area Map
<input type="checkbox"/> Preliminary Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/> FSD/FCP/Worksheet and Application
<input checked="" type="checkbox"/> Final Plat	<u>1</u>	<input type="checkbox"/> Declaration of Intent
<input type="checkbox"/> Final Constr Plans (RDS)	<input type="checkbox"/>	<input checked="" type="checkbox"/> Drainage and/or Computation/Pond Safety Comps
<input type="checkbox"/> Final Development Plan	<input type="checkbox"/>	<input type="checkbox"/> Preliminary Road Profiles
<input type="checkbox"/> Site Development Plan	<input type="checkbox"/>	<input type="checkbox"/> APFO Roads Test/Mitigation Plan
<input checked="" type="checkbox"/> Landscape Plan	<input type="checkbox"/>	<input type="checkbox"/> Traffic Study/Noise Study
<input type="checkbox"/> Grading Plan	<input type="checkbox"/>	<input type="checkbox"/> Sight Distance Analysis
<input type="checkbox"/> House Type Revision Plan	<input type="checkbox"/>	<input type="checkbox"/> Floodplain Study
<u>Applications</u>		<input type="checkbox"/> Stormwater Management Comps.
<input type="checkbox"/> Waiver Petition Applic/Exhibit	<input type="checkbox"/>	<input type="checkbox"/> Industrial Waste Survey (DPW)
<input type="checkbox"/> Planning Board Applic	<input type="checkbox"/>	<input type="checkbox"/> Road Poster Form Letter
<input type="checkbox"/> ASDP/CSDP Application	<input type="checkbox"/>	<input type="checkbox"/> Response Letter
<input checked="" type="checkbox"/> DED Application/Checklist	<input type="checkbox"/>	<input checked="" type="checkbox"/> Perc Plat
<input checked="" type="checkbox"/> DED Fee Receipt/Deeds/Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/> Scenic Road Exhibits

WAS: Received Tentatively Approved Recorded
 Received and Revised Approved On 7-3-96

COMMENTS: _____ SRC/COMMENTS DUE BY: 7-26-96

Check, initial and return to the Department of Planning and Zoning if plan is approved with no comments.



Michael G. Putro
President

410-489-5288
fax 410-489-4183

File:
Mike Kay of C&L called requesting
relief from the well before final
plat approval requirement. ~~As~~ I
consulted w/ CW and he agreed
that it should be drilled prior to
final because of the location in
the pipestem. In addition, the
owners were informed that
this would be a requirement
of the S/D at the time of
percolation testing

AW

7/8/96



 DEPARTMENT OF PLANNING & ZONING

Joseph W. Rutter, Jr. Director
August 12, 1996

Mr. and Mrs. Fred Nuss
3132 Cabin Run
Woodbine, MD 21797

RE: F-97-05, Florence Farms, Lots 18 and 19

Dear Mr. and Mrs. Nuss:

The Department of Planning and Zoning hereby grants approval of the Final Subdivision Plans for Florence Farms consisting of 2 lots/parcels on 10.9 ± acres of land located at the terminus of Cabin Run in the Fourth Election District of Howard County, Maryland, subject to the attached conditions, the resolution of the concerns of the Development Engineering Division directly with that agency and the following:

1. Payment to *Director of Finance, Howard County* of the following fees, concurrent with the submission of the original plats for signature approval. Bring this letter and fees to the Department of Planning and Zoning to obtain the required receipts.

■ Storm Drainage Construction, Section 16.133 Account #Cr-814-003-7151	Fee \$ 75.00
■ Distribution copies of approved plan or plat: Original Plat (<u>per sheet</u>)	Fee \$ 19.80
2. A check made payable to the *Clerk of the Court* for the cost for recording plats.

■ Recording fee for plat (<u>per sheet</u>)	Fee \$ 5.00
---	-------------
3. Submission of two accurate 1"=600' scale reductions of the subdivision plat indicating lots/parcels with lot numbers/parcel letters and rights-of-way.
4. Submission of the final plat original for signature and recordation within 180 days (by February 8, 1997) per Section 16.144(p) of the Howard County Subdivision Regulations, or approval will be considered withdrawn and void.
5. Submission of a metes and bounds description of the forest conservation easement area and a cost estimate for forest conservation surety to the Department of Planning and Zoning for approval at least two weeks prior to submittal of originals. Note that a receipt for the Forest Conservation Surety and Agreement from DPW Real Estate Services Division must be presented at the time originals are submitted.

F-97-05

August 12, 1996

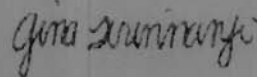
Page 2

Compliance with all conditions and/or corrections is required before the original plan or plat will be accepted for signature approval. Please contact Ms. Carol Stirn of the Department of Planning and Zoning at 313-2354 to schedule an appointment to submit originals for signature. Please bring this letter with you as it will serve as the checklist for final plat original submission.

When recorded, the signed original plat will be retained on file in the Department of Planning and Zoning.

If you have any questions, please contact Cindy Hamilton at 313-2354.

Sincerely,



Gina Tirinnanzi, Chief
Division of Land Development and Research



GT/CH/ke/f9705.ltr

Enclosure:

cc: Research
Development Engineering Division
Health Department
O'Connell and Lawrence, Inc

August 7, 1996

DEPARTMENT OF PLANNING AND ZONING
Division of Land Development and Research

COMMENTS

RE: F-97-95, Florence Farms, Lots 18 and 19

1. Since Lot 18 has been proposed as a cluster lot, and the creation of these two buildable lots will use all of the available density on the property, Lot 19 must be established as a preservation parcel in accordance with the requirements of Section 104.F of the Zoning Regulations. Change all applicable notes, labels, charts and the title block.
2. Add and label the preservation easement on Preservation Parcel A (formerly Lot 19).
3. In accordance with Section 104.E.1.c of the Zoning Regulations, the maximum allowable size for Lot 18 is 50,000 square feet.
4. For Preservation Parcel A, a "Deed of Preservation Easement"/"Deed of Agricultural Preservation Easement" will be required. This document, which will impose use restrictions on the parcel, must be recorded concurrent with the final subdivision plat. The developer should contact the Real Estate Services of the Department of Public Works/Ms. Donna Mennitto, Administrator of the Agricultural Land Preservation Program, regarding the preparation and execution of this document.
5. Add the following note to the plat: "Preservation Parcel A is encumbered by an easement agreement with _____ and _____. This agreement prohibits further subdivision of the parcel, outlines the maintenance responsibilities of its owner and enumerates the uses permitted on the property."
6. The developer is advised that Articles of Incorporation for the Homeowner's Association will be required if such an organization will hold easement on the preservation parcel. A copy of this document, clipped and highlighted in accordance with checklist item 26, must be submitted to this Department prior to, or concurrent with, the submission of the original plats.
7. Add a plat note referencing the date on which the Articles of Incorporation for the Homeowner's Association were accepted by the State Department of Assessment and Taxation.
8. This Division has no record of a subdivision plat entitled "Florence Farms". Justify the use of this name and the lot numbers 18 and 19. If Florence Farms is not a legally recognized name, it is not required that the developer continue its use. This project could be named the "Nuss Property, Lot 1 and Preservation Parcel A".
9. The developer/consultant will be responsible for the preparation and recordation of a maintenance agreement for the shared driveway (see enclosed "Declaration of Right of Access and Maintenance Obligations for Use-in-Common Access Area"). This document must be recorded immediately following the recordation of the

Sheet 2, F9705

- subdivision plat. Staff of this Division will contact the developer to coordinate the recordation of this document.
- 10. Alter the note on the plat which cites the liber and folio recordation references for the driveway maintenance agreement to read "Use-in Common Access Easement, Maintenance Agreement recorded among the Land Records of Howard County". Delete the liber and folio references.
- 11. ~~Dimension the width of the shared driveway easement.~~
- 12. In accordance with Section 16.120(b)(4)(iii)c of the Subdivision Regulations, the BRL on Preservation Parcel A must be delineated 35 feet from the edge of the Forest Conservation Easement.
- 13. Since the front BRL on Lot 18 is being measured from a single point, it should be delineated as an arc with a constant radius of 99 feet (rather than as a straight line).
- 14. As stated in Section 104.E.4.b of the Zoning Regulations, the side BRLs on Lot 18 should measure 10 feet and the rear should measure 30 feet.
- 15. Note 17 is vague. Section 16.116(a)(4) of the Subdivision Regulations requires that all wetlands/wetlands buffers be delineated on the plat or that a certification from an authorized professional stating that wetlands do not exist on the site be submitted.
- 16. Show the stream which traverses the site. Add the required 75 foot streambank buffer.
- 17. Add a note to the plat stating that grading, removal of vegetation and construction are prohibited within the streambank buffer (and if applicable the wetland buffers).
- 18. Dimension the frontage of Lot 18 along the eastern end of Cabin Run.
- 19. Add a note to the plat stating that an existing house is located on Lot 18.
- 20. Add the following note on the plat, "No new buildings, extensions or additions to the existing dwelling are to be constructed at a distance less than the zoning regulations require."
- 21. This property is zoned RC. Correct the general notes and the title block.
- 22. Label Route 94 in the Vicinity Map.
- 23. Provide the owner's/developer's name and address on the plat.
- 24. Reference Grid #14 in the title block.

August 5, 1996

DEPARTMENT OF PLANNING AND ZONING
Division of Land Development and Research

RE: F-97-05, Florence Farms, Lots 18-19
Forest Conservation Comments

I. Forest Conservation Plan

A) The above referenced plan was reviewed under Par. 6 of "Guidelines for Minor Subdivisions", from DPZ, dated June 1994. The Forest Conservation Plan is technically complete. The following comments, however, need to be addressed prior to the submission of the original plans for signature approval. For our files, DPZ will require one paper print of the revised FCP prior to submission of the original drawings.

1. According to the information provided in the worksheet, the "Break-even Point" (B.E.P.) for this site is 1.7 acres.

$$\text{B.E.P.} = (1.1) + (0.2 \times 2.8) = 1.7 \text{ acres.}$$

This amount must be shown placed in easement.

2. The final plat for this minor subdivision will need to show a revised Forest Conservation Easement in accord with the conditions for approval of F-97-05. This easement shall be subject to the terms of Deed of Forest Conservation Easement that must be executed with the County and recorded in the Land Records of Howard County. Contact Real Estate Services, Department of Public Works, at (410) 313-2330 for deed language.

3. Add the following note to the plat:

The Forest Conservation Easement has been established to fulfill the requirements of Section 16.1200 of the Howard County Code, Forest Conservation Act. No clearing, grading or construction is permitted within the Forest Conservation Easement; however, forest management practices as defined in the Deed of Forest Conservation Easement are allowed.

4. Since this minor subdivision is meeting all of its forest conservation requirements through retention, no surety or Developers Agreement is necessary.

TC/tc/f9705.foroon d4

RECEIVED

JAN 06 1997

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

*350 down line to red flagged stake
45' to fence*

INGRESS EGRESS
EASEMENT FOR
LOT 1 & LOT 2.
EXISTING DRIVEWAY
TO REMAIN

APPROXIMATE LOCATION
EXISTING SEPTIC SYSTEM

EXISTING SEPTIC

LOT 8

CABIN
RUN
ROAD
60'R/W
N 30°11'05" E
23'00" W
13.32

LOT 1

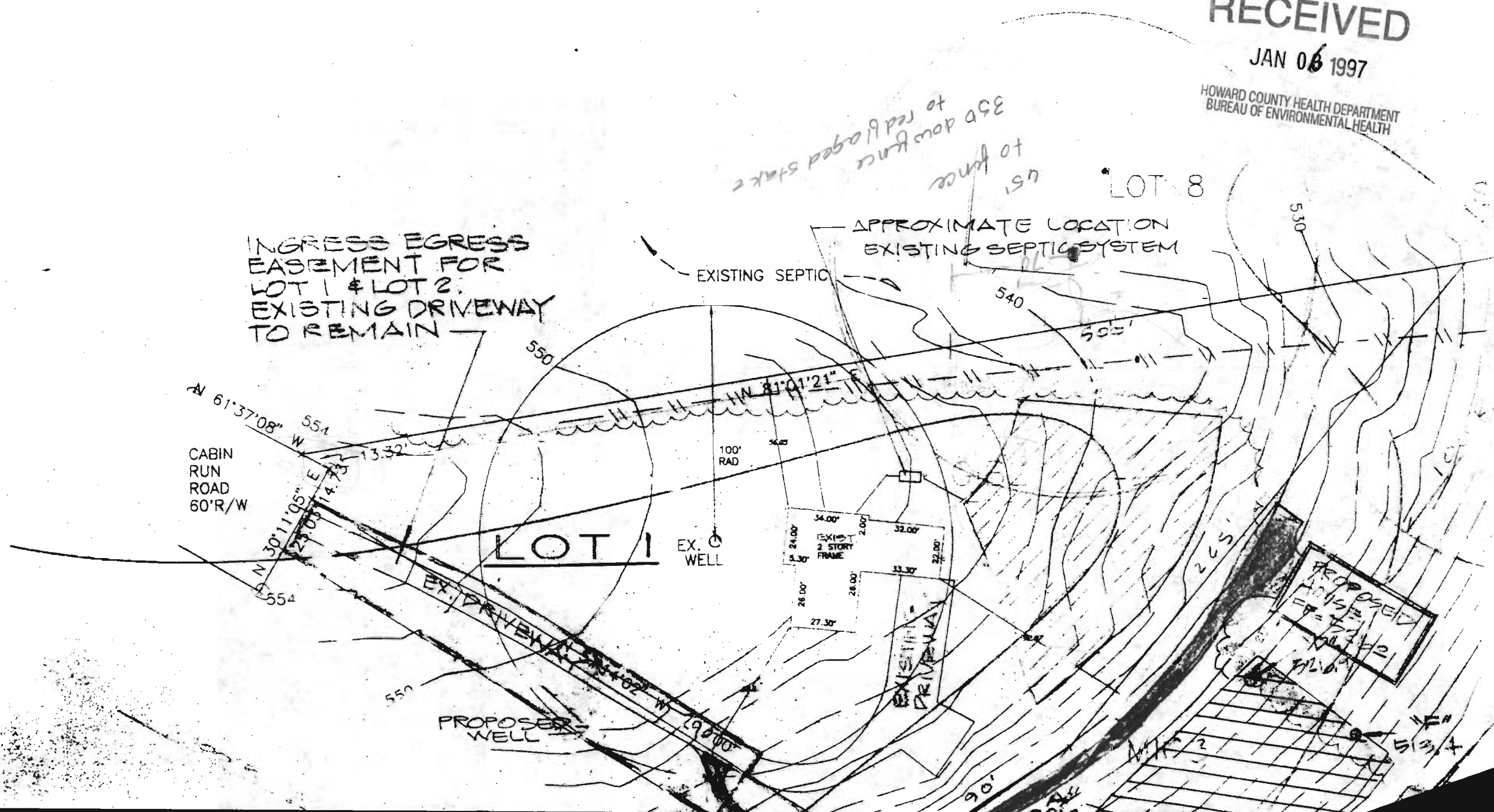
EX. WELL

EXIST. 2 STORY FRAME

EXISTING DRIVEWAY

PROPOSER'S WELL

PROPOSED
L.I.S. # 111-111-111
111-111-111



6/8/68

MIKE PUTRO -
3137 Cabin Run

Woodbine

3132 Cabin Run

Home south of 70 on
Rt 94

cluster housing near

Craig Williams - I've
gotten a complaint about
the above property, he
talked to you. I need
to visit it, would you
like to go? I need
paper work on above
properties.

Thanks
Dave

Post-it® Fax Note	7671	Date	2/27	# of pages	1
To	Bruce Abbott	From	Amy		
Co./Dept.*		Co.			
Phone #		Phone #			
Fax #		Fax #			



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

January 2, 2001

TO: Cindy Hamilton, Chief
Department of Planning & Zoning

FROM: Amy Mc Millen, R.S.
Water & Sewerage Program *AM*

RE: Nuss Property – Lot 1 & Preservation Parcel "A"
Originals Only Request

This is to advise you that the Health Department has no objection to the originals only request. The existing septic system for Lot 1 is not affected by the lot line adjustment.

8-2-88
30M Final

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 X

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 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.

EH - 2-1186

41742