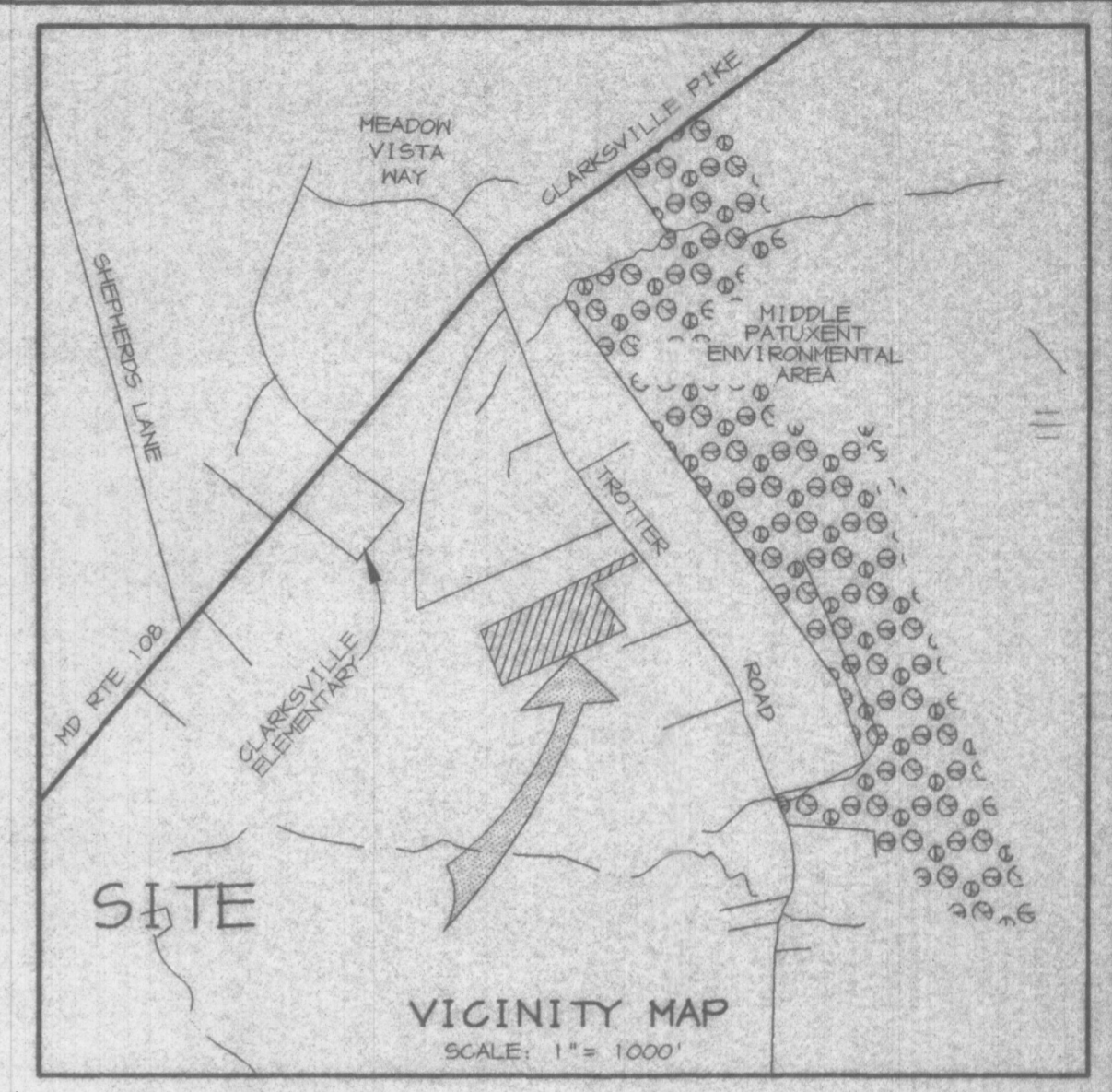
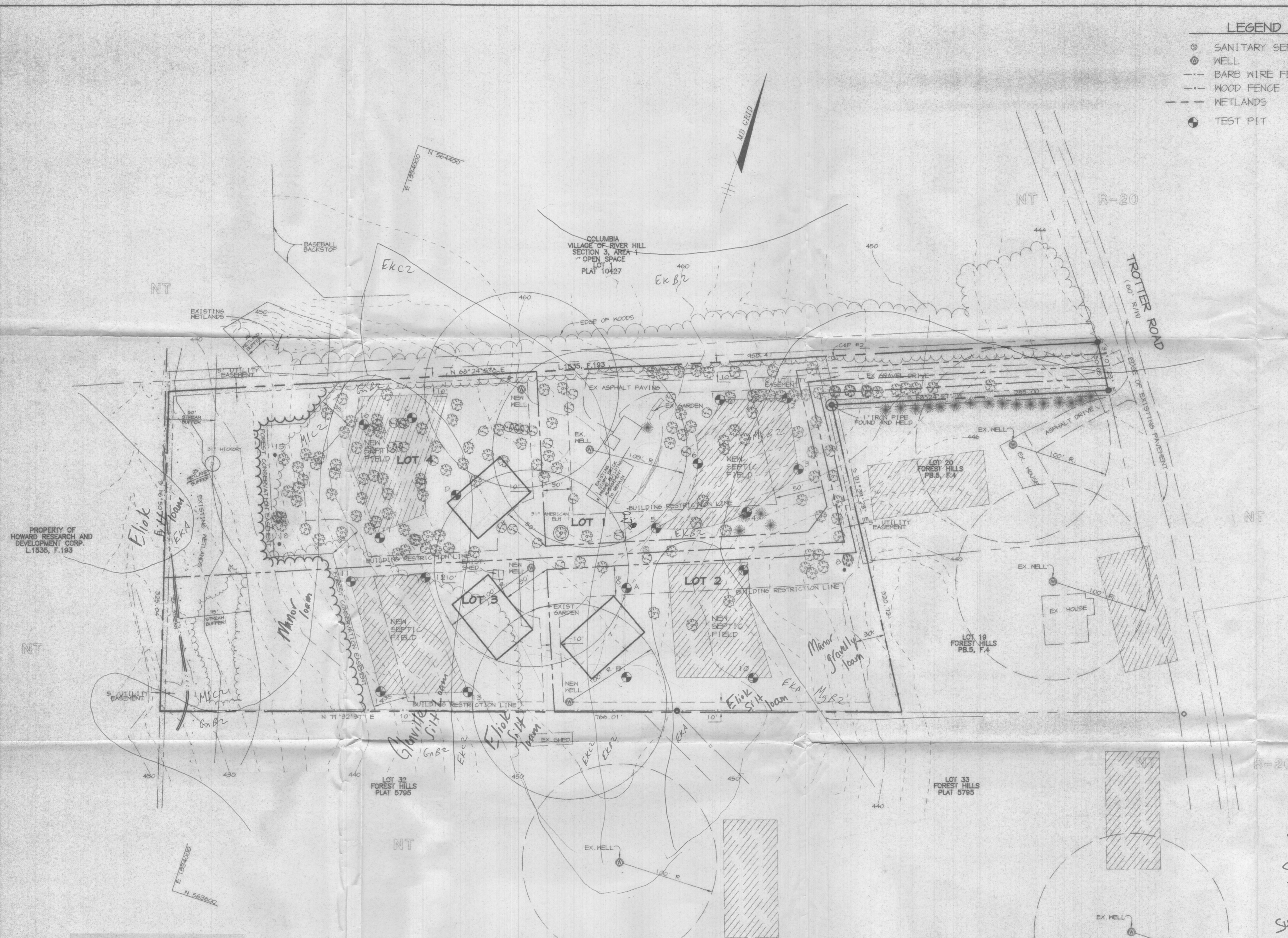
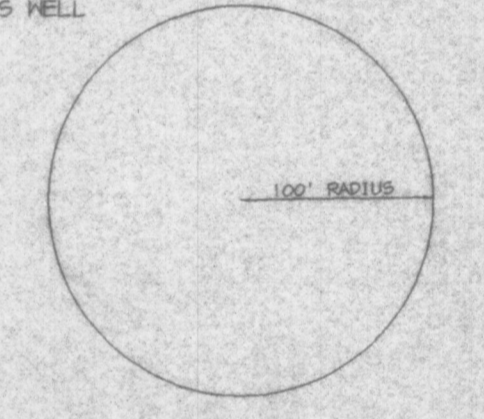


- LEGEND**
- ⊙ SANITARY SEPTIC
  - ⊙ WELL
  - BARE WIRE FENCE
  - WOOD FENCE
  - WETLANDS
  - ⊙ TEST PIT



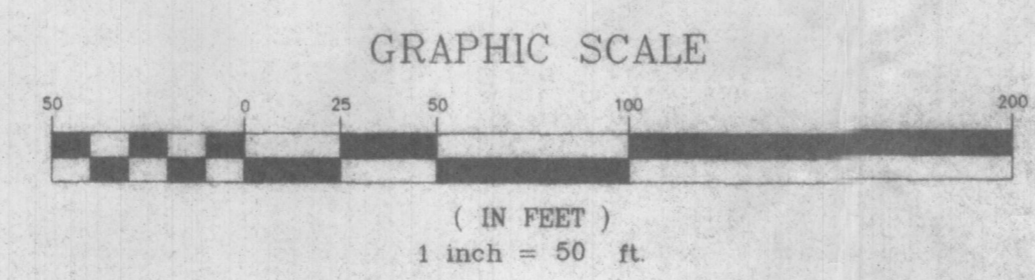
**GENERAL NOTES**

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE HARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
2. PERC HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED BY RIEMER MUEGGE AND ASSOCIATES, INC. JUNE 1997.
3. DENOTES PASSING PERC TEST.
4. DENOTES FAILED PERC TEST.
5. SUBJECT PROPERTY IS ZONED R-20.
6. WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE AND INFORMATION.
7. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE HARYLAND DEPARTMENT OF THE ENVIRONMENT.
8. TOPOGRAPHY SHOWN HEREON IS FIELD RUN SURVEYED IN APRIL 1997 BY RIEMER MUEGGE & ASSOCIATES, INC.
9. DENOTES WELL.
10. NO STEEP SLOPES ON THIS SITE.
11. ALL WELLS TO BE DRILLED PRIOR TO FINAL PLAT RECORDATION.
12. GROUND WATER APPROPRIATION PERMIT TO BE OBTAINED PRIOR TO RECORD PLAT.
13. ALL HOUSES TO BE MINIMUM 20' FROM SEPTIC AREAS.



**SOILS CHART**

MAP SYMBOL	NAME	SOIL GROUP	HYDRIC	SLOPE (%)
Eka	ELIOAK SILT LOAM	C		0-3
Ekb2	ELIOAK SILT LOAM	C		3-8
Ekc2	ELIOAK SILT LOAM	C		8-15
GnA	GLENVILLE SILT LOAM	C	H	0-3
GnB2	GLENVILLE SILT LOAM	C	H	3-8
MgB2	MANOR GRAVELLY LOAM	B		3-8
M1A	MANOR SILT LOAM	B		0-3
M1C2	MANOR SILT LOAM	B		8-15



10-1-98  
Soils map  
Submitted by  
Chris Reed  
for wet season  
valuation. (RM)

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

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

DATE NO. \_\_\_\_\_ REVISION \_\_\_\_\_

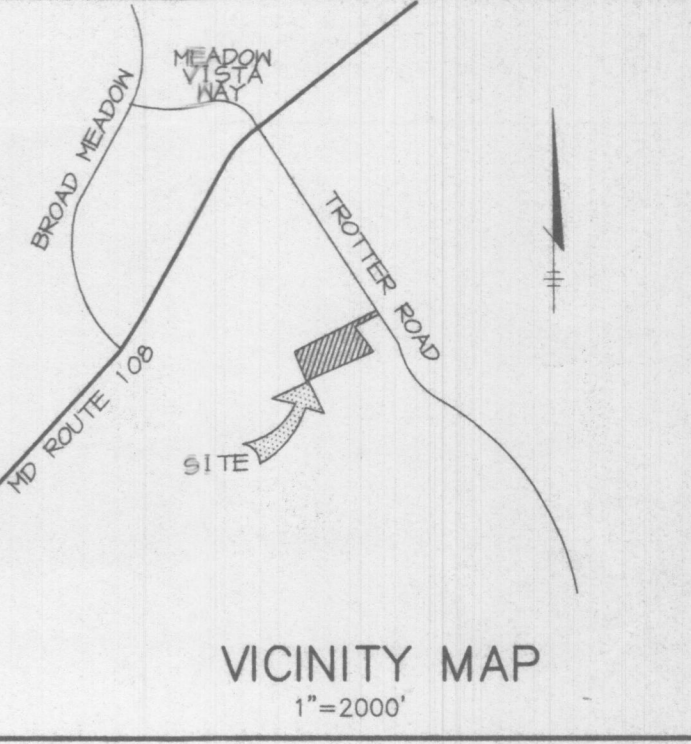
PROJECT **TROTTER HILLS**  
LOTS 1-4

AREA 5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP 35 PARCEL 4  
ZONED R-20

TITLE **PERC CERTIFICATION PLAN**

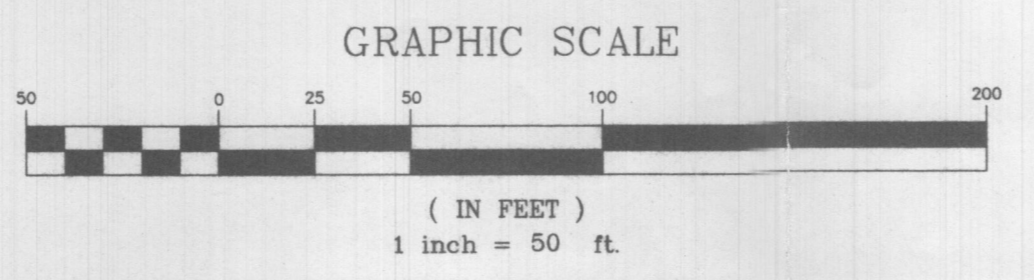
**RIEMER MUEGGE & ASSOCIATES, INC.**  
ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING  
8818 Centre Park Drive, Columbia, Maryland 21045  
tel 410.997.8900 fax 410.997.9282

DESIGN BY: R.A.F.  
DRAWN BY: DAM  
PROJECT NO: 98107  
FILE NAME: PERCCERT.DWG  
DATE: JULY 15, 1998  
SCALE: 1" = 50'  
DRAWING NO. 1 OF 1



- LEGEND**
- ⊙ SANITARY SEPTIC
  - ⊕ WELL
  - - - BARB WIRE FENCE
  - · - · WOOD FENCE
  - - - - WETLANDS
  - ⊙ TEST PIT

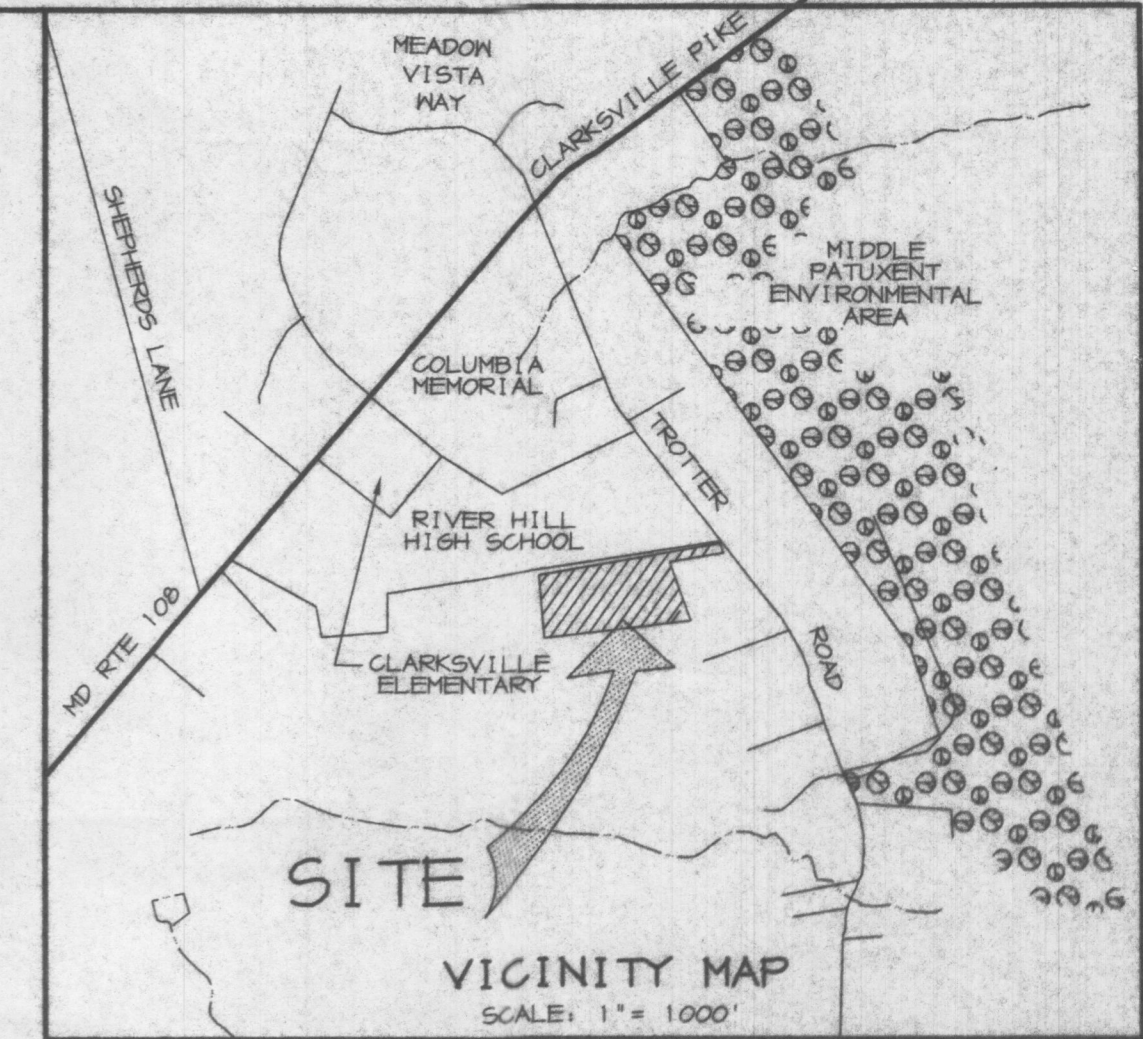
DATE	NO.	REVISION
PROJECT <b>TROTTER HILLS</b>		
LOTS 1-4		
AREA 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND TAX MAP 35 PARCEL 4		
TITLE <b>PERCOLATION TEST PLAN</b>		
<b>RIEMER MUEGGE &amp; ASSOCIATES, INC.</b>		
ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING		
8818 Centre Park Drive, Columbia, Maryland 21045		
tel 410.997.8900 fax 410.997.9282		
DATE	DRAWN BY :	R.J.C.
	PROJECT NO :	98107
	FILE NAME :	PERCCERT.DWG
	DATE :	APRIL 30, 1998
	SCALE :	1" = 50'
ARTHUR E. MUEGGE #8707	DRAWING NO. :	1 OF 1



M:\PROJECT\98107\PERCCERT Thu Apr 30 07:30:14 1998 RIEMER MUEGGE & ASSOCIATES, INC.

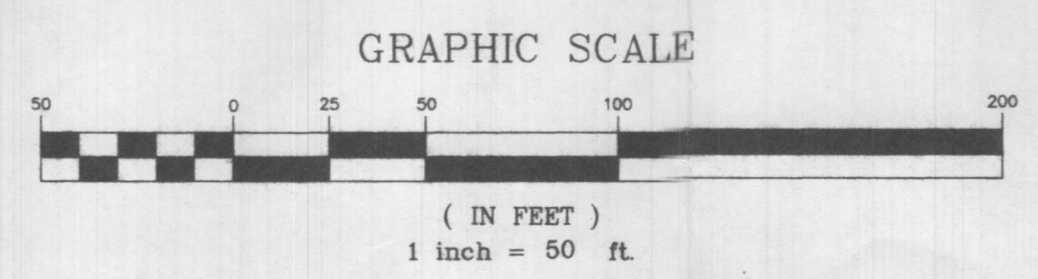
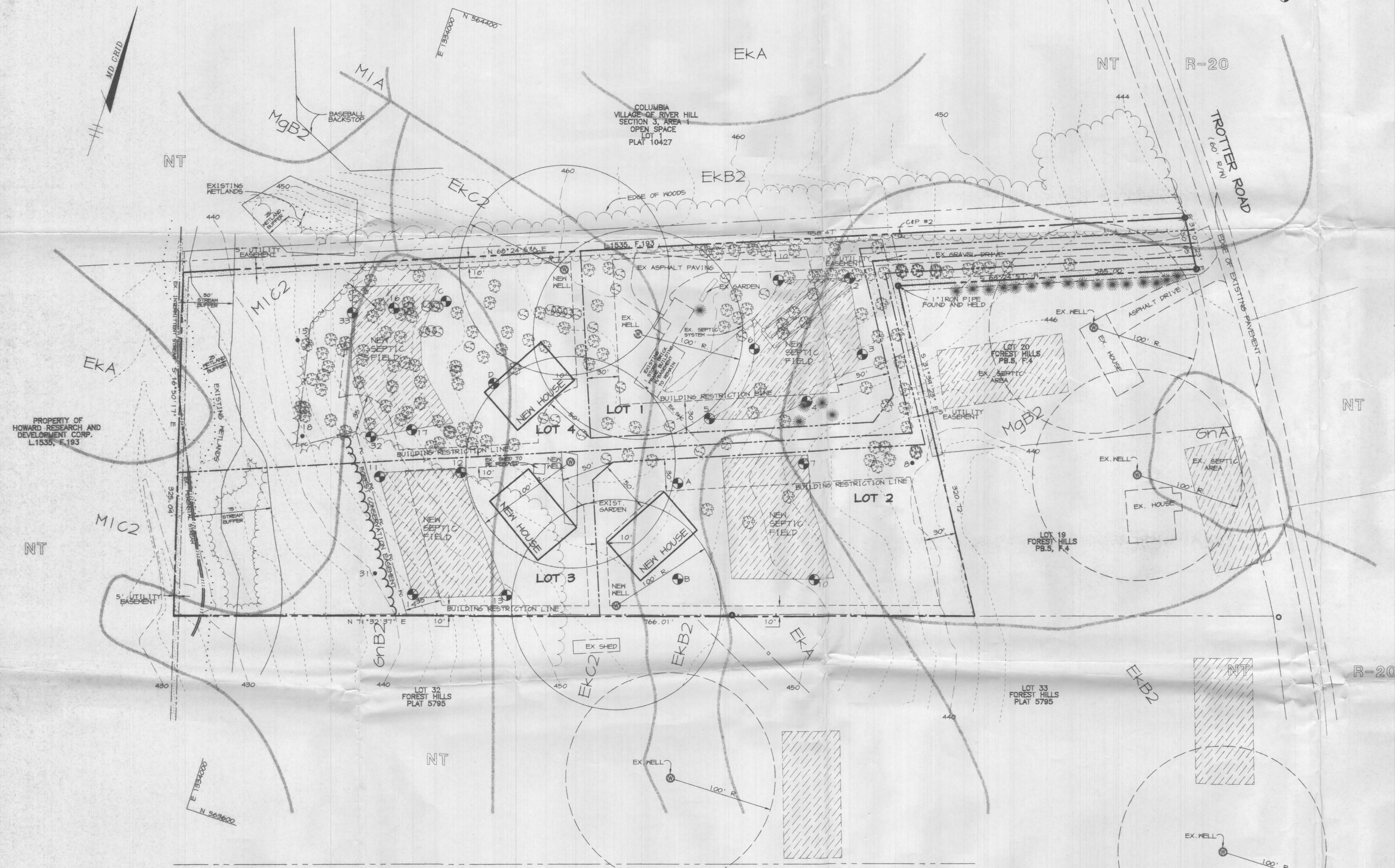
RECEIVED

- LEGEND**
- ⊙ SANITARY SEPTIC
  - ⊙ WELL
  - - - BARB WIRE FENCE
  - - - WOOD FENCE
  - - - WETLANDS
  - ⊙ TEST PIT



**GENERAL NOTES**

1. THIS AREA DESIGNATES A PRIVATE SEWAGE BASIN AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE BASIN. RECORDED OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
  2. PERC HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED BY RIEMER MUEGGE AND ASSOCIATES, INC. JUNE 1999.
  3. DENOTES PASSING PERC TEST. ⊙
  4. DENOTES FAILED PERC TEST. ●
  5. SUBJECT PROPERTY IS ZONED R-20.
  6. WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE AND INFORMATION.
  7. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
  8. TOPOGRAPHY SHOWN HEREON IS FIELD RUN SURVEYED IN APRIL 1998 BY RIEMER MUEGGE & ASSOCIATES, INC.
  9. DENOTES WELL. ⊙
- 
10. NO STEEP SLOPES ON THIS SITE.
  11. ALL WELLS TO BE DRILLED PRIOR TO RECORDATION OF RECORD PLAT.
  12. ALL HOUSES TO BE MINIMUM 20' FROM SEPTIC AREAS.



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS BY THE HOWARD COUNTY HEALTH DEPARTMENT

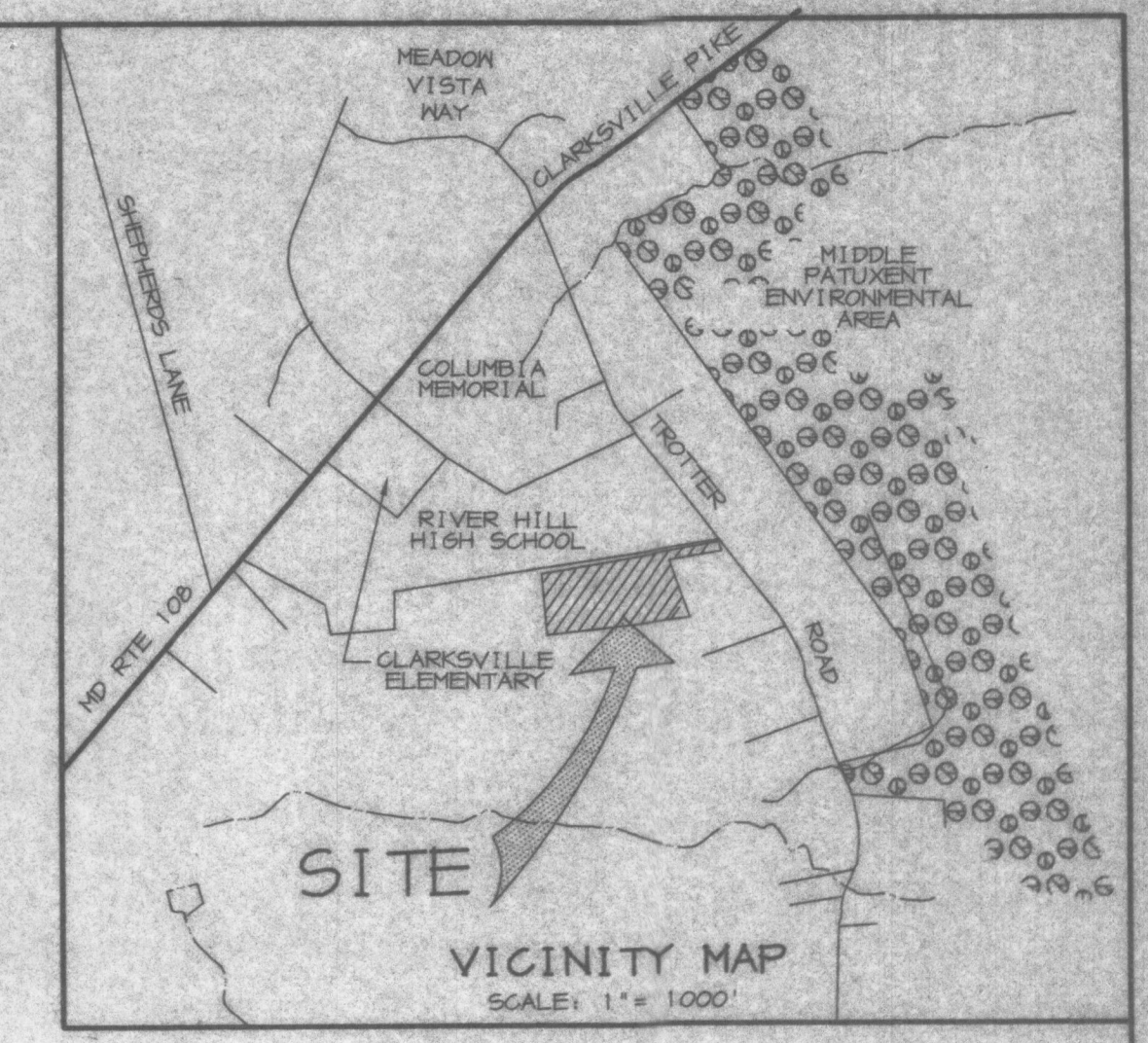
*Suzanne Baker* 5/10/99  
COUNTY HEALTH OFFICER - WBS DATE

DATE NO.	REVISION
PROJECT	<b>TROTTER HILLS MINOR SUBDIVISION</b>
AREA	5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND TAX MAP 35 PARCEL 4 ZONED R-20
TITLE	<b>PERC CERTIFICATION PLAN</b>

**RIEMER MUEGGE & ASSOCIATES, INC.**  
ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING  
8818 Centre Park Drive, Columbia, Maryland 21045  
tel 410.997.8900 fax 410.997.9282

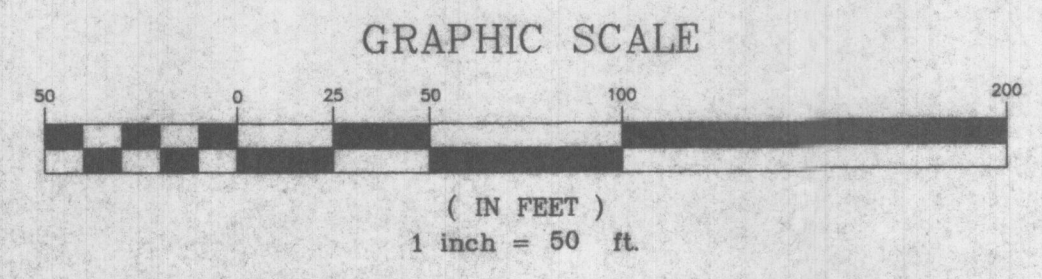
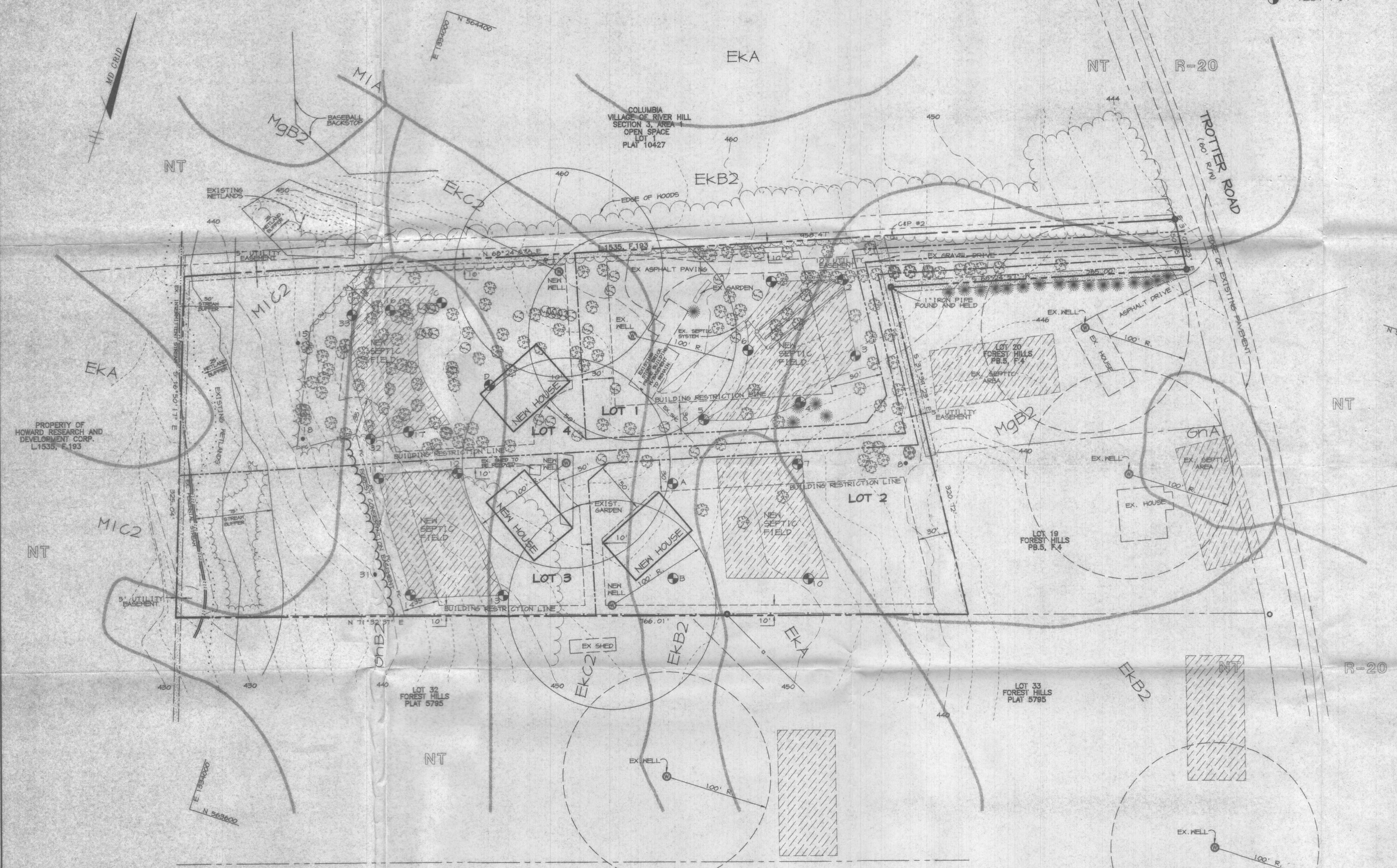
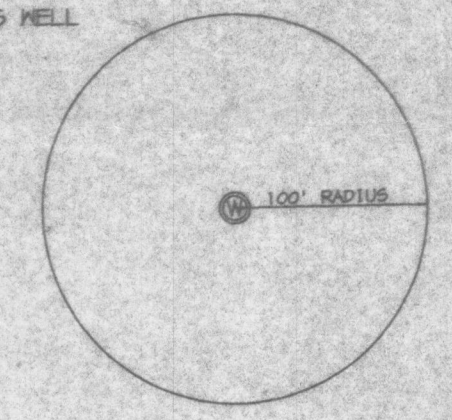
	DESIGN BY : R.A.F.
	DRAWN BY : R.A.F.
	PROJECT NO : 98107
	FILE NAME : 98107 PERC.DWG
	DATE : MAY 5, 1999
SCALE : 1" = 50'	
ARTHUR E. MUEGGE #8707	DRAWING NO. 1 OF 1

- LEGEND**
- ⊙ SANITARY SEPTIC
  - ⊙ WELL
  - - - BARB WIRE FENCE
  - - - WOOD FENCE
  - - - NETLANDS
  - ⊙ TEST PIT



**GENERAL NOTES**

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
2. PERC HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED BY RIEMER MUEGGE AND ASSOCIATES, INC. JUNE 1989.
3. ⊙ DENOTES PASSING PERC TEST.
4. ⊙ DENOTES FAILED PERC TEST.
5. SUBJECT PROPERTY IS ZONED R-20.
6. WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE AND INFORMATION.
7. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
8. TOPOGRAPHY SHOWN HEREON IS FIELD RUN SURVEYED IN APRIL 1989 BY RIEMER MUEGGE & ASSOCIATES, INC.
9. ⊙ DENOTES WELL.
10. NO STEEP SLOPES ON THIS SITE.
11. ALL WELLS TO BE DRILLED PRIOR TO RECORDATION OF RECORD PLAT.
12. ALL HOUSES TO BE MINIMUM 20' FROM SEPTIC AREAS.

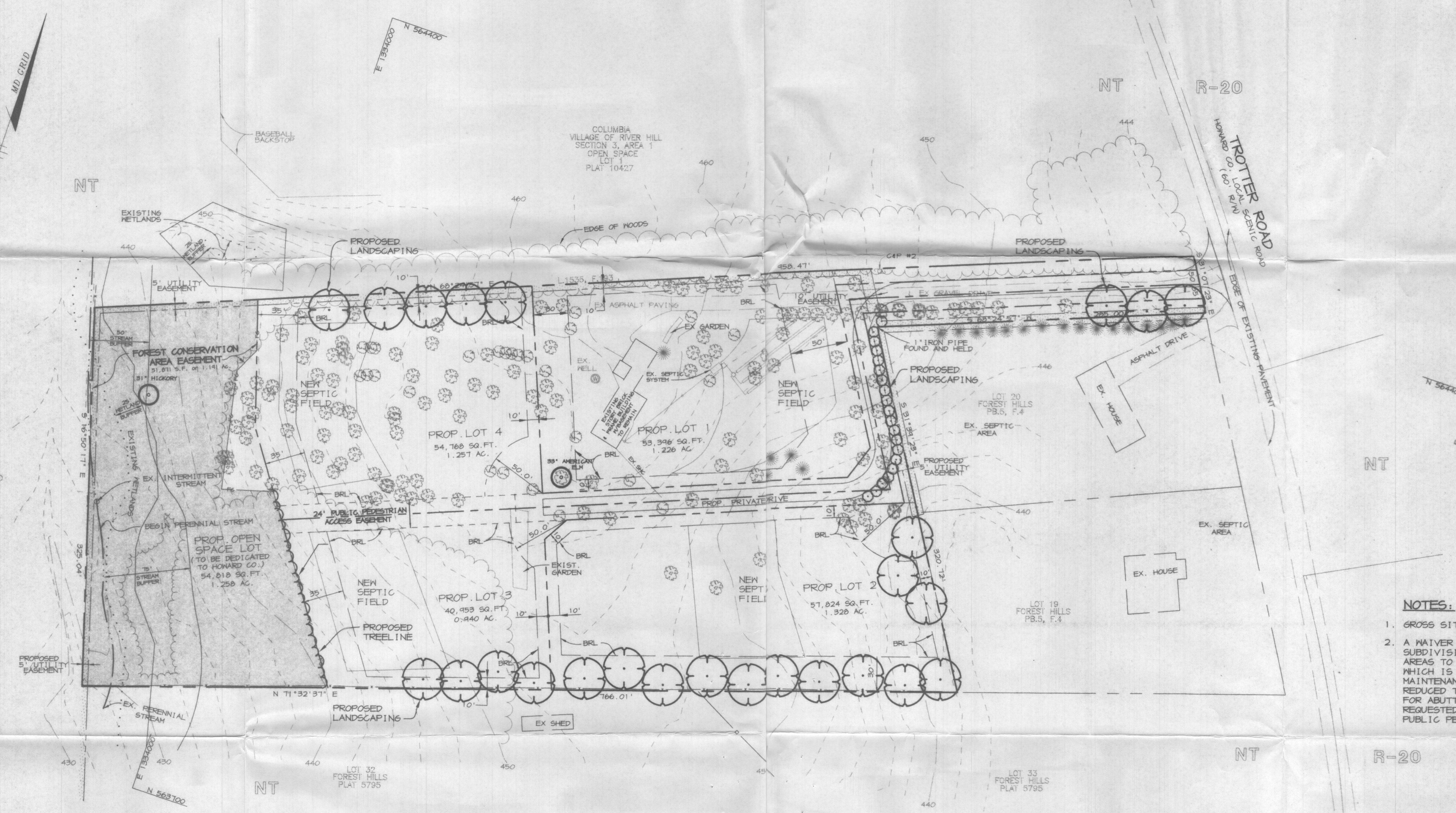
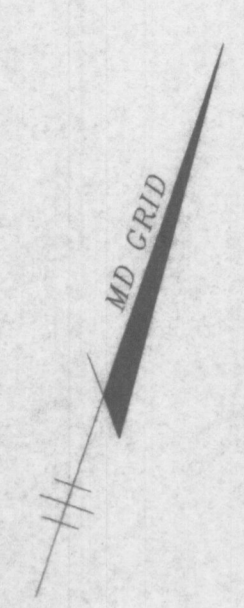
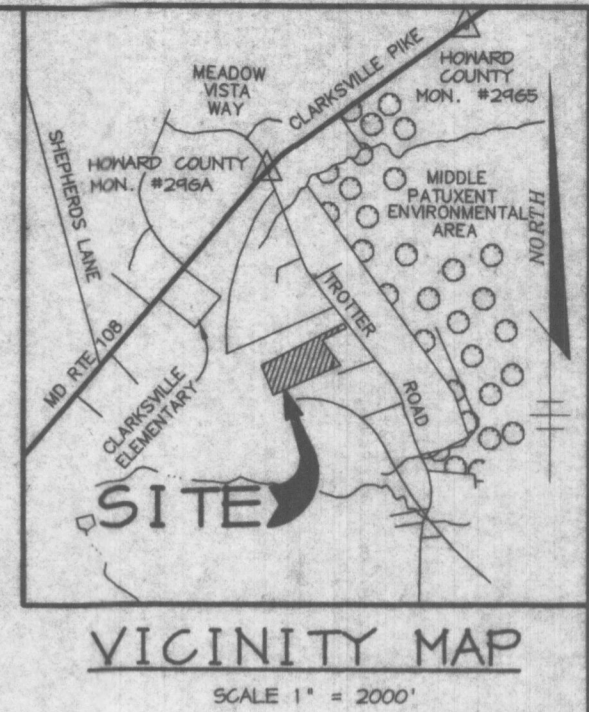


APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS BY THE HOWARD COUNTY HEALTH DEPARTMENT

*Samuel Baker* 5/10/99  
COUNTY HEALTH OFFICER DATE

DATE NO.	REVISION
PROJECT <b>TROTTER HILLS MINOR SUBDIVISION</b> LOTS 1-4	
AREA 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND TAX MAP 35 PARCEL 4 ZONED R-20	
TITLE <b>PERC CERTIFICATION PLAN</b>	
<b>RIEMER MUEGGE &amp; ASSOCIATES, INC.</b> ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282	
	DESIGN BY : R.A.F. DRAWN BY : R.A.F. PROJECT NO : 98107 FILE NAME : 98107 PERC.DWG DATE : MAY 5, 1999 SCALE : 1" = 50' DRAWING NO. 1 OF 1

PROJECT: 98107 PERC.DWG, 5/10/99, 5:05:47:36 1999, RIEMER MUEGGE & ASSOCIATES, INC.



**NOTES:**

1. GROSS SITE AREA: 6.01 AC.
2. A WAIVER OF SECTION 16.121.E.1 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS WHICH REQUIRES OPEN SPACE AREAS TO HAVE 40 FEET OF FRONTAGE ON A PUBLIC ROAD WHICH IS SUITABLE FOR ACCESS BY PEDESTRIANS AND MAINTENANCE VEHICLES. OPEN SPACE FRONTAGE MAY BE REDUCED TO 20 FEET IF THE ADJACENT SIDE YARD SETBACK FOR ABUTTING LOTS IS INCREASED BY 10 FEET" IS REQUESTED IN LIEU OF THE PROVISION OF A 24' WIDTH PUBLIC PEDESTRIAN ACCESS EASEMENT.

DATE	NO.	REVISION
PROJECT <b>TROTTER HILLS MINOR SUBDIVISION</b> LOTS 1-4		
AREA 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND TAX MAP 35 PARCEL 4 ZONED R-20		
TITLE <b>WAIVER PETITION EXHIBIT</b>		
<b>RIEMER MUEGGE &amp; ASSOCIATES INC.</b> ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, MD 21045 tel 410.997.8900 fax 410.997.9282		
DATE	DESIGN BY : R. A. F.	
	DRAWN BY : G. T. H.	
	PROJECT NO : 98107	
	FILE NAME : WAIVER.DWG	
	DATE : AUGUST 20, 1999	
	SCALE : 1" = 50'	
	DRAWING NO. 1 OF 1	

M:\PROJECT\98107\WAIVER.DWG Fri Aug 20 08:56:14 1999 RIEMER MUEGGE & ASSOCIATES

