



# APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 522042-A

AGENCY REVIEW: \_\_\_\_\_

DATE 3/21/05

road plan 4/1/05

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 3 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Warren Matzen

DAYTIME PHONE 301-937-4730 CELL 301-928-8160 FAX 301-937-8942

MAILING ADDRESS P.O. Box 185 Highland, MD 20777

APPLICANT KCI Technologies, Inc. (Brad Jones)

DAYTIME PHONE 301-317-7592 CELL 410-404-9336 FAX 410-792-7419

MAILING ADDRESS 14502 Greenview Drive, Suite 100, Laurel, MD 20708

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION SE Corner of Hall Shop Road and Rte 108 LOT NO. 5A

PROPERTY ADDRESS 13047 Hall Shop Road Highland

TAX MAP PAGE(S) 40 GRID 9 PARCEL(S) 43 PROPOSED LOT SIZE 13 AC

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

[Signature]  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AVP

2007 + 2008

1 brown 1  
heavy brown micaceous heavy sil  
3 red brown sil  
5 yellow brown sil  
9 well cemented moist platy sil - Si  
11'8"

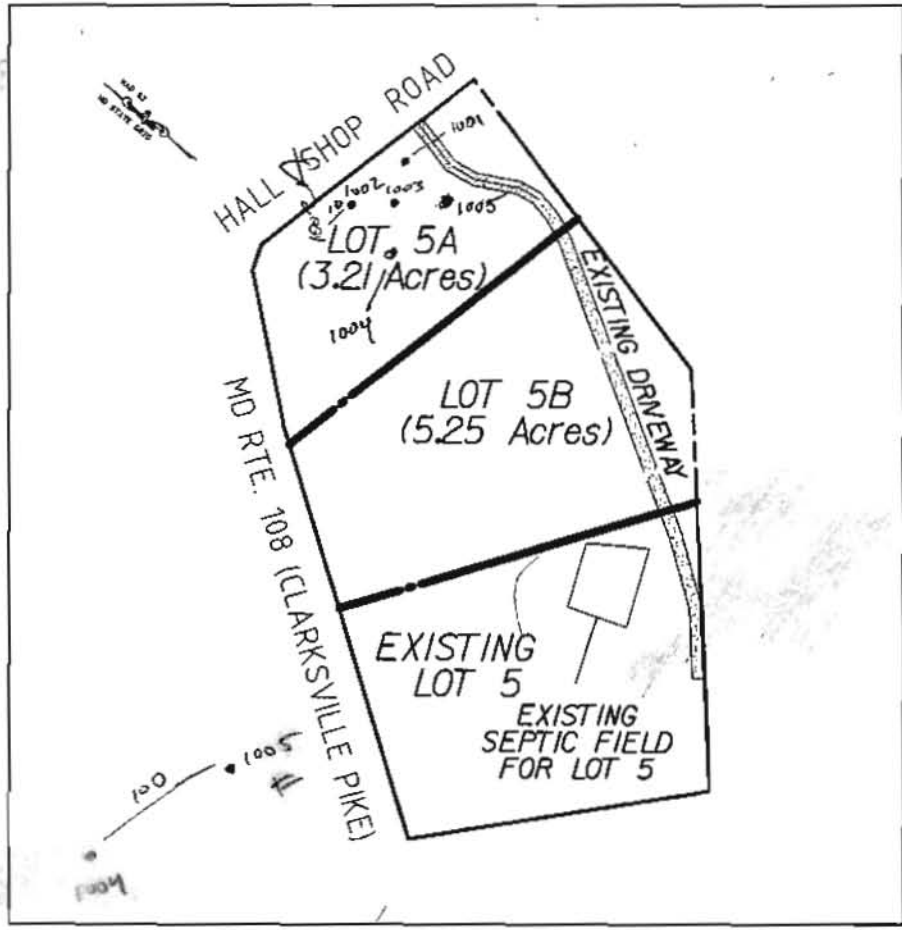
micaceous - platy

1002A

1 brown L  
orange brown sil  
3 orange brown sil platy mn striations  
12 moist water  
10 cave

2006

orange brown sil  
m  
very micaceous  
10' from shale  
2008 see 1007 profile  
1005 -



1004  
brown 1  
orange brown sil  
3 1/2 orange black sil platy manganese striations  
5 1/2 sil very micaceous  
12

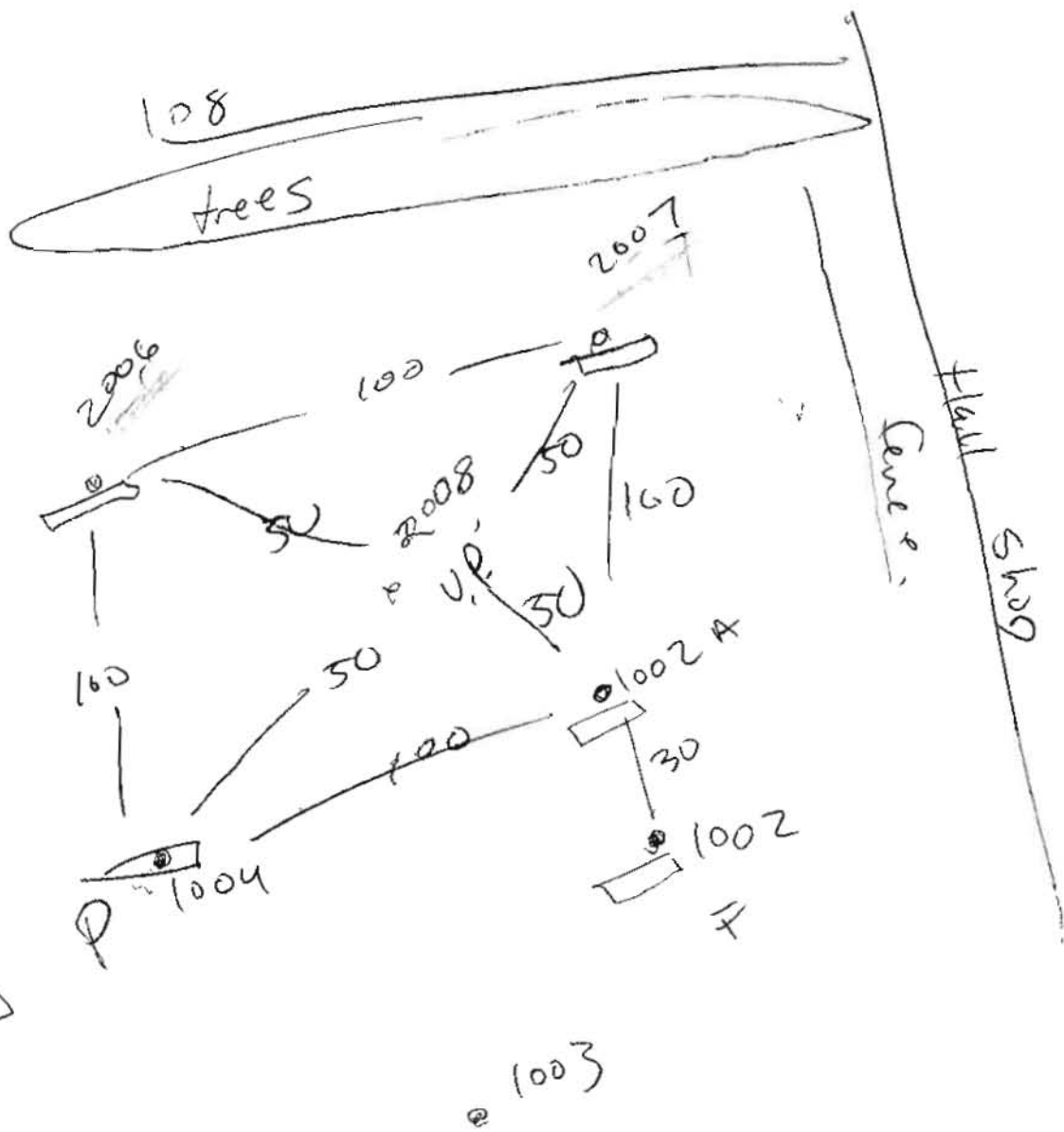
1005  
brown 1  
orange brown sil  
6 prominent moist mottles sil  
8 yellow orange brown sil  
10 water

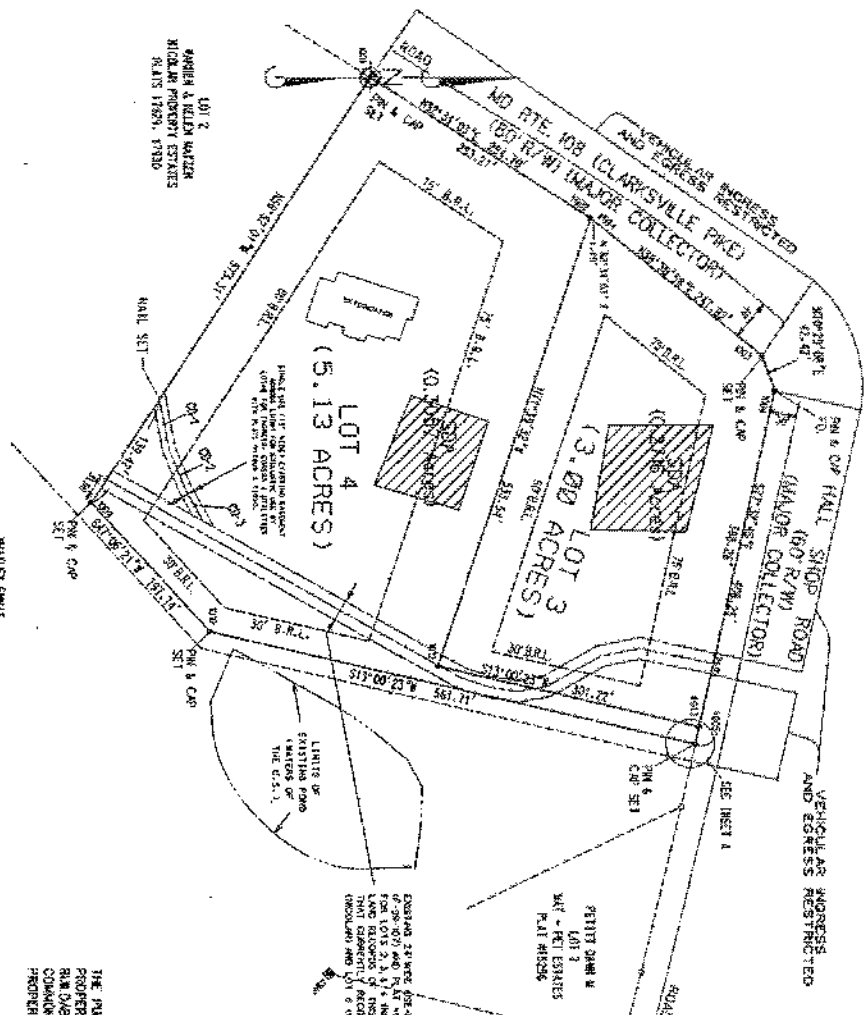
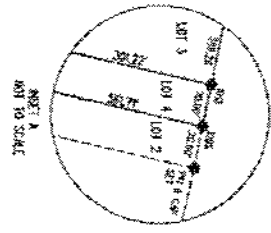
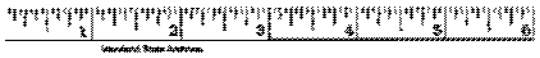
1002  
brown 1  
orange brown sil  
3 micaceous brown platy sil  
5 distinct mottles  
8 water  
12

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/15/05	1001		Did not test			follow	F
	1002	10	Visual				F
"	1002A	4	9:17	9:31	9:49	18	P
	2006	3	10:33	10:35	10:37	2	P
"	1003		Did not test			low	
	2007	4	10:42	10:44	10:49	4	P
10' from shale	1004	5	8:57	9:00	9:03	3	P
"	2008	see 1007 profile					P
"	1005	-					F
		10					Visual

REMARKS: \* Shallow systems bottom at 5  
 SANITARIAN: PAY / BACKHOE: K&K OTHERS: Owner + PCF  
 TEST HOLES USED IN SDA: 5 AVG. PERC TIME: SQ. FT/BR:  
 TRENCH WIDTH: 3 INLET DEPTH: 3 MAX. BOT DEPTH: 5 EFFECTIVE SW: 3

Available 10' for each other so to middle





**AREA TABULATION**

NOTE: NUMBER OF SQUARE FEET, ACRES, PERCENTS TO BE RECORDED FOR EACH LOT OR GROUP OF LOTS TO BE RECORDED.

LOT 2	1.0000 AC.
LOT 3	3.0000 AC.
LOT 4	5.1300 AC.
LOT 5	1.0000 AC.
TOTAL	10.1300 AC.

**OWNER'S CERTIFICATE**

I, the undersigned, being the owner of the property shown and described hereon, do hereby certify that the same is the true and correct plat of the same as shown on the original survey and as the same appears on the original survey and as the same appears on the original survey and as the same appears on the original survey...

**SURVEYOR'S CERTIFICATE**

I, the undersigned, being a duly licensed and qualified surveyor, do hereby certify that the above described plat is a true and correct plat of the same as shown on the original survey and as the same appears on the original survey...

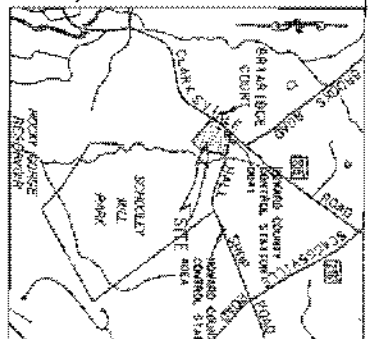


MDDP PLAT NO. 19650  
RECEIVED JAN 10 2000  
FOR RECORD

THE PURPOSE OF THIS PLAT IS TO REBURN LOT 14000000 PROPERTY AS RECORDED BY PLAT #17930 ON 02/29/05 INTO LOTS 3 AND 4 AND TO REBURN THE COMMON DRIVEWAY SERVING COMMON DRIVEWAY SERVING LOTS 3, 4 AND 5. THE PROPERTY IS LOCATED IN THE CITY OF BALTIMORE, MARYLAND.

SCALE: 1" = 2000'

NOTED: COPIES USED FOR MD ST. DEPARTMENT OF TRANSPORTATION RECORDS.



RECORDED AS PLAT NO. 19650  
AMONG THE LAND RECORDS OF BALTIMORE COUNTY, MARYLAND.

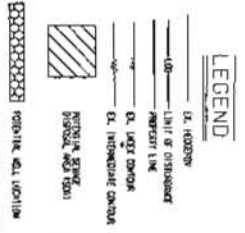
**KCI**  
KCI ENGINEERING & SURVEYING, INC.  
1000 W. BALTIMORE AVENUE  
BALTIMORE, MD 21201

**NOTICAR PROPERTY ESTATES II**  
LOT 3 AND 4  
A subdivision of Lot 1, Noticar Property Estates II, as shown on Plat No. 19650, is hereby subdivided into two lots, Lot 3 and Lot 4, as shown on this plat. The total area of the subdivision is 10.13 acres. The subdivision is subject to the easements and restrictions shown on this plat. The subdivision is recorded in the Land Records of Baltimore County, Maryland, as Plat No. 19650.

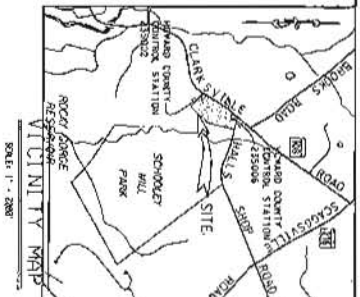
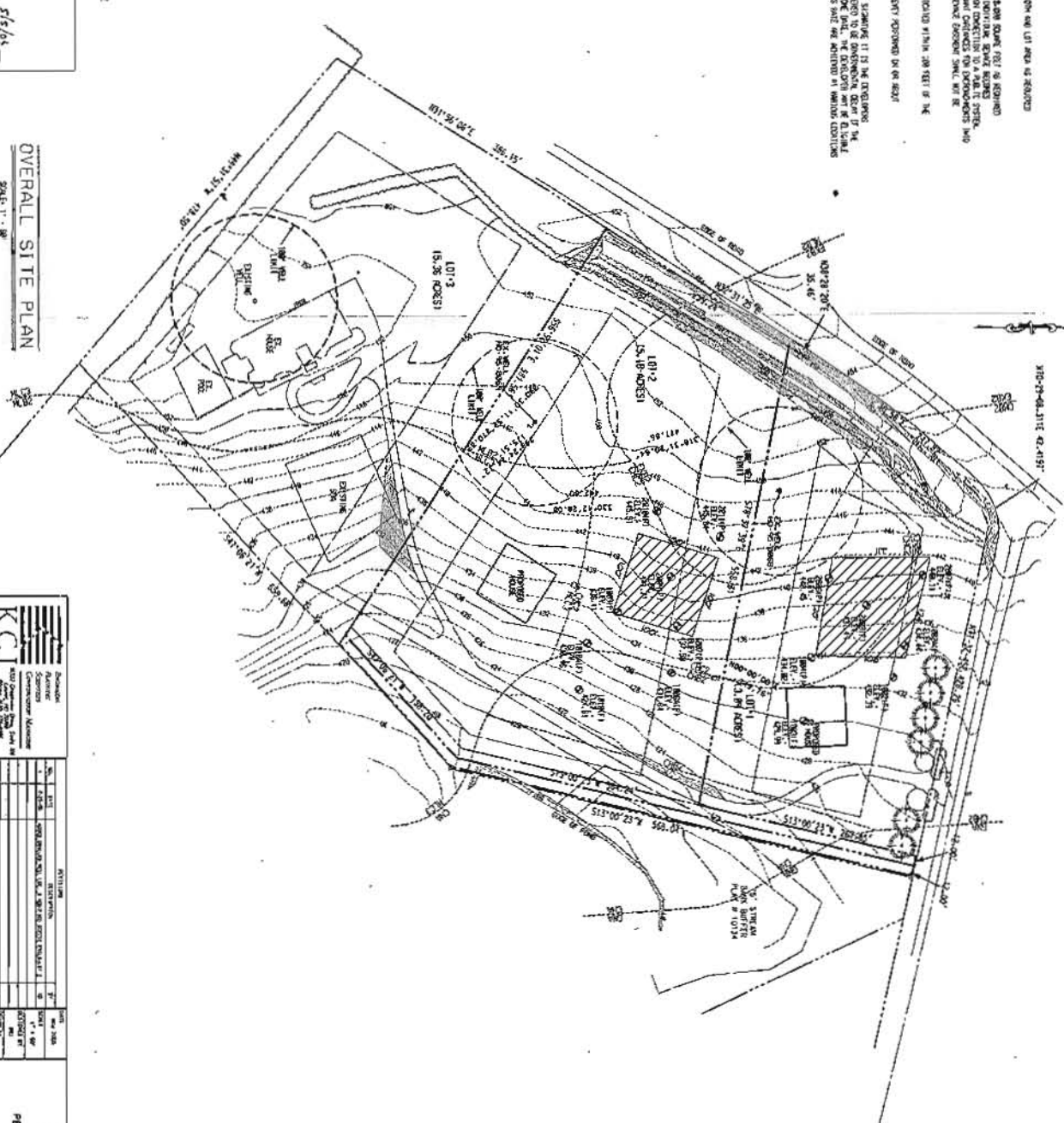
9/16/07  
9/16/07  
9/16/07

### GENERAL NOTES

1. THE LOTS SHOWN HEREIN FORM PART OF THE SUBDIVISION "EMERALD" APPROX. 400 AC. LOTS 100-142 RECORDED IN THE HOWARD COUNTY RECORDS OF THE DIVISION.
2. ZONING AND DISTRICTS: A PERMITS BOARD RESOLUTION OF 1988 ZONING DISTRICTS IS APPLICABLE TO THIS PROJECT. THE DISTRICTS ARE: R-1 (RESIDENTIAL SINGLE-FAMILY), R-2 (RESIDENTIAL SINGLE-FAMILY), R-3 (RESIDENTIAL SINGLE-FAMILY), R-4 (RESIDENTIAL SINGLE-FAMILY), R-5 (RESIDENTIAL SINGLE-FAMILY), R-6 (RESIDENTIAL SINGLE-FAMILY), R-7 (RESIDENTIAL SINGLE-FAMILY), R-8 (RESIDENTIAL SINGLE-FAMILY), R-9 (RESIDENTIAL SINGLE-FAMILY), R-10 (RESIDENTIAL SINGLE-FAMILY), R-11 (RESIDENTIAL SINGLE-FAMILY), R-12 (RESIDENTIAL SINGLE-FAMILY), R-13 (RESIDENTIAL SINGLE-FAMILY), R-14 (RESIDENTIAL SINGLE-FAMILY), R-15 (RESIDENTIAL SINGLE-FAMILY), R-16 (RESIDENTIAL SINGLE-FAMILY), R-17 (RESIDENTIAL SINGLE-FAMILY), R-18 (RESIDENTIAL SINGLE-FAMILY), R-19 (RESIDENTIAL SINGLE-FAMILY), R-20 (RESIDENTIAL SINGLE-FAMILY), R-21 (RESIDENTIAL SINGLE-FAMILY), R-22 (RESIDENTIAL SINGLE-FAMILY), R-23 (RESIDENTIAL SINGLE-FAMILY), R-24 (RESIDENTIAL SINGLE-FAMILY), R-25 (RESIDENTIAL SINGLE-FAMILY), R-26 (RESIDENTIAL SINGLE-FAMILY), R-27 (RESIDENTIAL SINGLE-FAMILY), R-28 (RESIDENTIAL SINGLE-FAMILY), R-29 (RESIDENTIAL SINGLE-FAMILY), R-30 (RESIDENTIAL SINGLE-FAMILY), R-31 (RESIDENTIAL SINGLE-FAMILY), R-32 (RESIDENTIAL SINGLE-FAMILY), R-33 (RESIDENTIAL SINGLE-FAMILY), R-34 (RESIDENTIAL SINGLE-FAMILY), R-35 (RESIDENTIAL SINGLE-FAMILY), R-36 (RESIDENTIAL SINGLE-FAMILY), R-37 (RESIDENTIAL SINGLE-FAMILY), R-38 (RESIDENTIAL SINGLE-FAMILY), R-39 (RESIDENTIAL SINGLE-FAMILY), R-40 (RESIDENTIAL SINGLE-FAMILY), R-41 (RESIDENTIAL SINGLE-FAMILY), R-42 (RESIDENTIAL SINGLE-FAMILY), R-43 (RESIDENTIAL SINGLE-FAMILY), R-44 (RESIDENTIAL SINGLE-FAMILY), R-45 (RESIDENTIAL SINGLE-FAMILY), R-46 (RESIDENTIAL SINGLE-FAMILY), R-47 (RESIDENTIAL SINGLE-FAMILY), R-48 (RESIDENTIAL SINGLE-FAMILY), R-49 (RESIDENTIAL SINGLE-FAMILY), R-50 (RESIDENTIAL SINGLE-FAMILY), R-51 (RESIDENTIAL SINGLE-FAMILY), R-52 (RESIDENTIAL SINGLE-FAMILY), R-53 (RESIDENTIAL SINGLE-FAMILY), R-54 (RESIDENTIAL SINGLE-FAMILY), R-55 (RESIDENTIAL SINGLE-FAMILY), R-56 (RESIDENTIAL SINGLE-FAMILY), R-57 (RESIDENTIAL SINGLE-FAMILY), R-58 (RESIDENTIAL SINGLE-FAMILY), R-59 (RESIDENTIAL SINGLE-FAMILY), R-60 (RESIDENTIAL SINGLE-FAMILY), R-61 (RESIDENTIAL SINGLE-FAMILY), R-62 (RESIDENTIAL SINGLE-FAMILY), R-63 (RESIDENTIAL SINGLE-FAMILY), R-64 (RESIDENTIAL SINGLE-FAMILY), R-65 (RESIDENTIAL SINGLE-FAMILY), R-66 (RESIDENTIAL SINGLE-FAMILY), R-67 (RESIDENTIAL SINGLE-FAMILY), R-68 (RESIDENTIAL SINGLE-FAMILY), R-69 (RESIDENTIAL SINGLE-FAMILY), R-70 (RESIDENTIAL SINGLE-FAMILY), R-71 (RESIDENTIAL SINGLE-FAMILY), R-72 (RESIDENTIAL SINGLE-FAMILY), R-73 (RESIDENTIAL SINGLE-FAMILY), R-74 (RESIDENTIAL SINGLE-FAMILY), R-75 (RESIDENTIAL SINGLE-FAMILY), R-76 (RESIDENTIAL SINGLE-FAMILY), R-77 (RESIDENTIAL SINGLE-FAMILY), R-78 (RESIDENTIAL SINGLE-FAMILY), R-79 (RESIDENTIAL SINGLE-FAMILY), R-80 (RESIDENTIAL SINGLE-FAMILY), R-81 (RESIDENTIAL SINGLE-FAMILY), R-82 (RESIDENTIAL SINGLE-FAMILY), R-83 (RESIDENTIAL SINGLE-FAMILY), R-84 (RESIDENTIAL SINGLE-FAMILY), R-85 (RESIDENTIAL SINGLE-FAMILY), R-86 (RESIDENTIAL SINGLE-FAMILY), R-87 (RESIDENTIAL SINGLE-FAMILY), R-88 (RESIDENTIAL SINGLE-FAMILY), R-89 (RESIDENTIAL SINGLE-FAMILY), R-90 (RESIDENTIAL SINGLE-FAMILY), R-91 (RESIDENTIAL SINGLE-FAMILY), R-92 (RESIDENTIAL SINGLE-FAMILY), R-93 (RESIDENTIAL SINGLE-FAMILY), R-94 (RESIDENTIAL SINGLE-FAMILY), R-95 (RESIDENTIAL SINGLE-FAMILY), R-96 (RESIDENTIAL SINGLE-FAMILY), R-97 (RESIDENTIAL SINGLE-FAMILY), R-98 (RESIDENTIAL SINGLE-FAMILY), R-99 (RESIDENTIAL SINGLE-FAMILY), R-100 (RESIDENTIAL SINGLE-FAMILY).
3. ALL LOTS SHOWN HEREIN SHALL BE SUBJECT TO THE SUBDIVISION "EMERALD" APPROX. 400 AC. LOTS 100-142 RECORDED IN THE HOWARD COUNTY RECORDS OF THE DIVISION.
4. THIS PLAN IS SUBJECT TO THE SUBDIVISION "EMERALD" APPROX. 400 AC. LOTS 100-142 RECORDED IN THE HOWARD COUNTY RECORDS OF THE DIVISION.
5. THIS PLAN IS SUBJECT TO THE SUBDIVISION "EMERALD" APPROX. 400 AC. LOTS 100-142 RECORDED IN THE HOWARD COUNTY RECORDS OF THE DIVISION.
6. THIS PLAN IS SUBJECT TO THE SUBDIVISION "EMERALD" APPROX. 400 AC. LOTS 100-142 RECORDED IN THE HOWARD COUNTY RECORDS OF THE DIVISION.
7. THIS PLAN IS SUBJECT TO THE SUBDIVISION "EMERALD" APPROX. 400 AC. LOTS 100-142 RECORDED IN THE HOWARD COUNTY RECORDS OF THE DIVISION.



OVERALL SITE PLAN  
SCALE: 1" = 80'



APPROVED: *[Signature]*  
DATE: 5/15/85

FOR REVIEW AND APPROVAL BY THE PERMITS BOARD OF THE HOWARD COUNTY, MARYLAND

**KCI**  
TECHNOLOGIES  
Subdivision  
Planning  
Engineering  
Surveying  
Mapping  
Construction Management  
Environmental Planning  
Architectural Design  
Interior Design  
Landscape Architecture  
Historic Preservation  
Urban Design  
Transportation Planning  
Public Works  
Water Resources  
Energy  
Agriculture  
Forestry  
Wildlife  
Recreation  
Cultural Resources  
Archaeology  
Historic Landmarks  
Preservation  
Archaeology  
Historic Landmarks  
Preservation  
Archaeology  
Historic Landmarks  
Preservation

NO.	DATE	DESCRIPTION	BY	CHKD.
1	5/15/85	PRELIMINARY PLAN		
2				
3				
4				
5				
6				
7				
8				
9				
10				

NICOLAR ESTATE  
LOTS 1, 2 AND 3  
PERCOLATION CERTIFICATION PLAN  
FOR THE REGION DISTRICT  
HOWARD COUNTY, MARYLAND



C-1  
5/15/85









