

APPLICATION

PERCOLATION TESTING

A 516424

P _____

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

Testing to support in-law addition

DISTRICT _____

DATE 11/20/2001

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 JAMES JUST

ADDRESS 3330 ROSEMARY LANE PHONE 301-854-3730

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Rosemary Estates LOT NO. 8A

ROAD AND DESCRIPTION ROSEMARY LANE

TAX MAP 22 PARCEL # 292

SIZE OF LOT 3 AC TYPE BLDG. SINGLE FAMILY
(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.

James Just
(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

516424

Rob said adding 1bdm & in-law suite

COUNTY #

SOIL PROFILE

0' (104)
 TOPSOIL 4-6"
 Strong org
 brn
 Micaceous
 Loam
 10-15%
 wk struct
 micaceous
 platy
 variable
 micaceous
 saprolite
 20-25%
 beige, brn
 micaceous
 sLM
 Rx 5-10%
 Bottom 14 3/4"

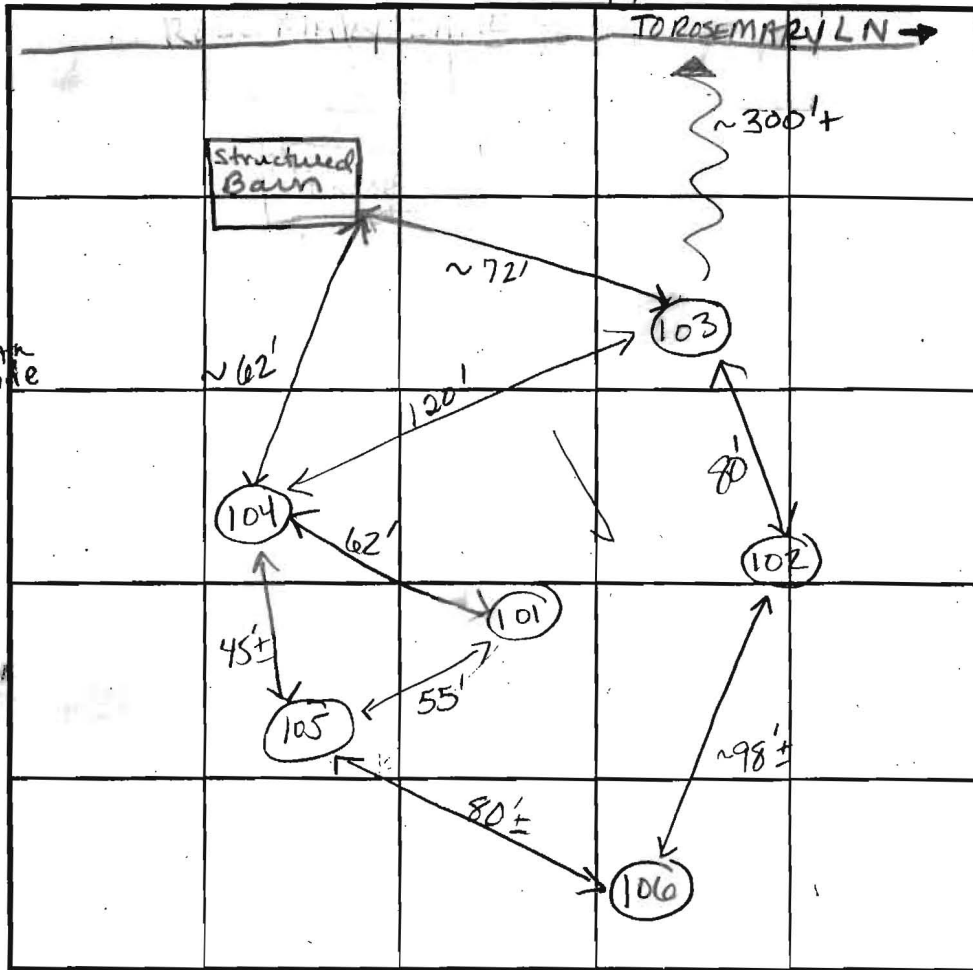
(105)

Choc. brn
 CL LM 1'
 wk rd
 hvy LM
 to Cl LM
 Trace Rx 5-6 1/2"

brn
 Strong brn
 Micaceous
 LM
 Trace-platy
 mica structured
 soil 10'
 weakly
 structured
 saprolite
 5-10%
 Bottom 14"

(106)

org brn
 LM 6"
 org brn
 hvy LM 4 1/2"
 yellow brn
 beige LM
 structured
 -almost wk.
 saprolite 5-10% 6 1/2"
 Lt brn
 beige
 fine
 sand
 wk. fr.
 saprolite
 10-20%
 TRACE Rx 14' Bottom



SOIL PROFILE

0' (02/103)
 Topsoil
 brn
 rd brn
 SCLLM 2-4"
 Lt brn
 beige
 fine
 sLM 5-5 1/2"
 Mn on faces
 of hard
 saprolite
 & Rock-
 15-20%
 Bottom 14 1/2"

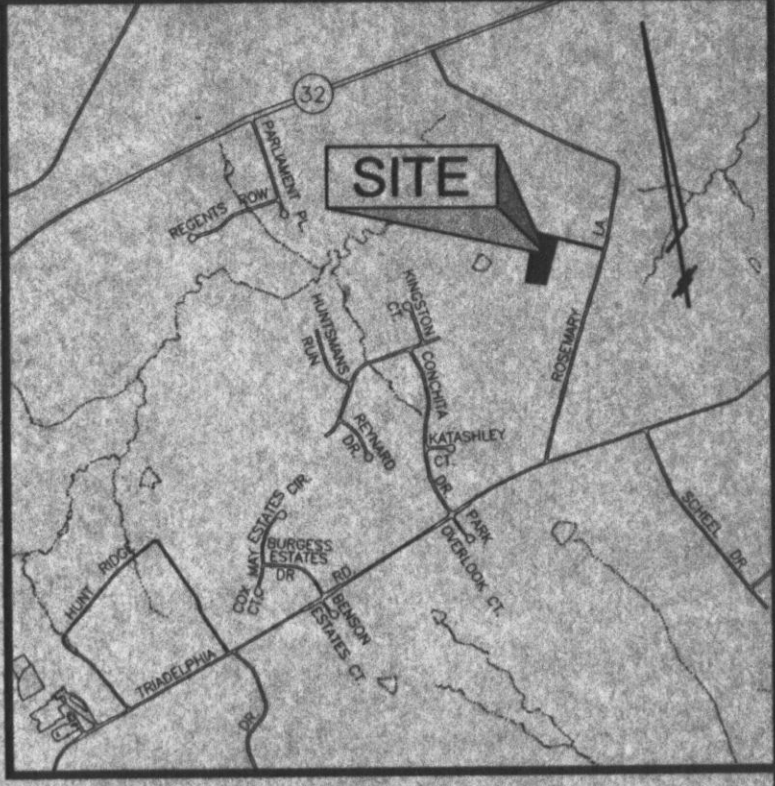
(101)

wk rd
 brn
 LM 5 1/2"
 tan
 SANDY
 LM
 TRACE
 ROCK
 Bottom 14 1/2"

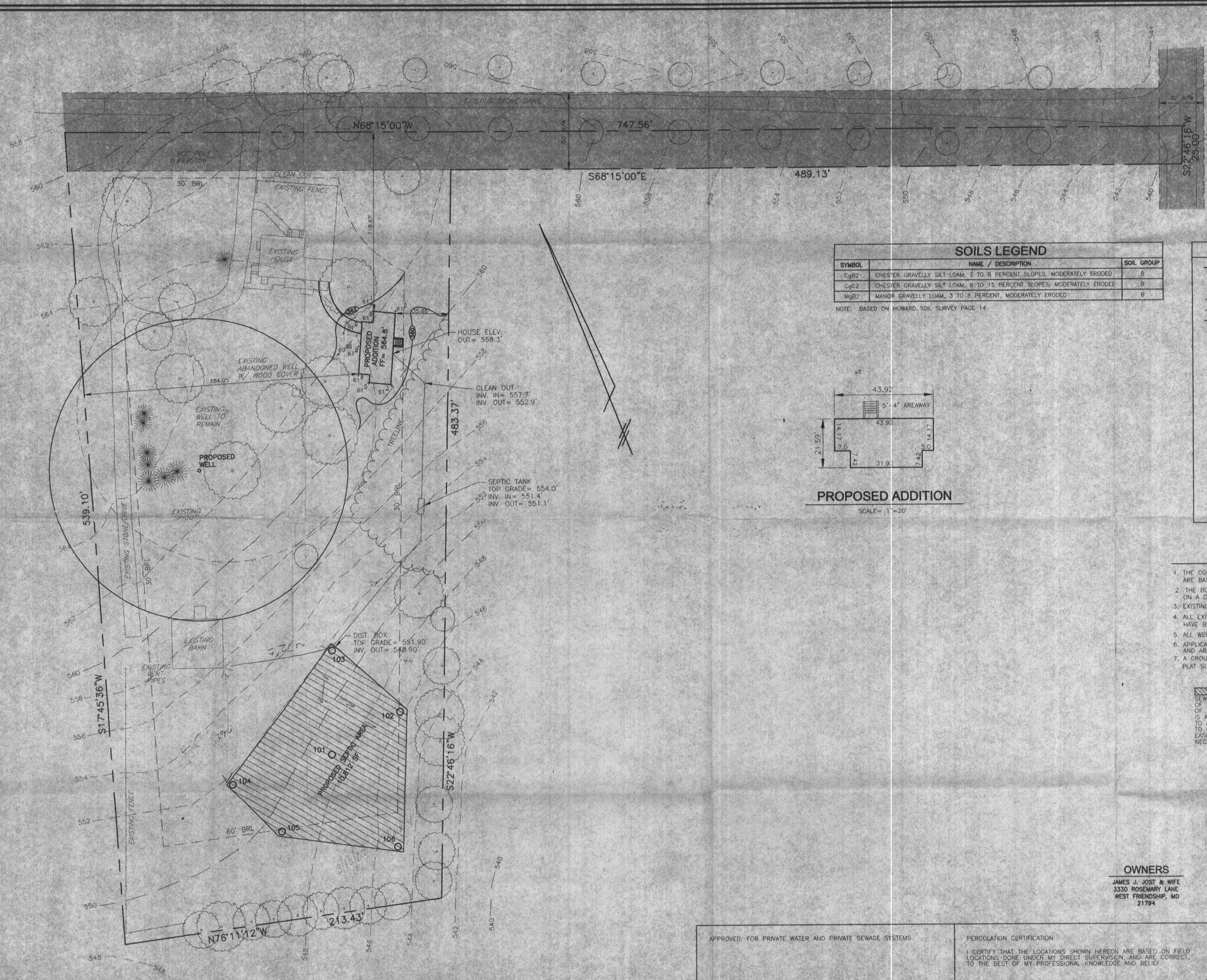
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1-15-02	(103)	5'4" S	2:54 ³⁵	2:57 ²²	2:57 ²²	3:01 ³⁰	~4 min OK	
	(102)	5 1/2' S	2:48 ⁴⁸	2:52 ⁰⁷	2:52 ⁰⁷	2:56 ³⁰	~4:15 OK	
	(104)	4 1/2' S	2:13 ²⁰	2:14 ⁵⁵	2:14 ⁵⁵	2:17 ²⁵	~3 min OK	
	(105)	5 1/2' S	2:28 ³⁰	2:33 ²⁰	2:33 ²⁰	2:38 ³⁰	~5 min OK	
	(106)	5' S	2:35 ⁰⁰	2:36 ⁰³	2:36 ⁰³	2:38 ⁴⁰	~2 1/2 min OK	
	(101)	14 1/2' Bottom	Visual					

REMARKS: Holes per plan except #101 not staked
 TYPE OF SOIL: loam, consistent, Trace Rx
 TESTED BY: Kacie G. ALSO PRESENT: Rob Fryck
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: 4 TRENCH WIDTH: 3
 INLET DEPTH: 5 MAXIMUM BOTTOM DEPTH: 7 SQ. FT./BEDROOM: 180'

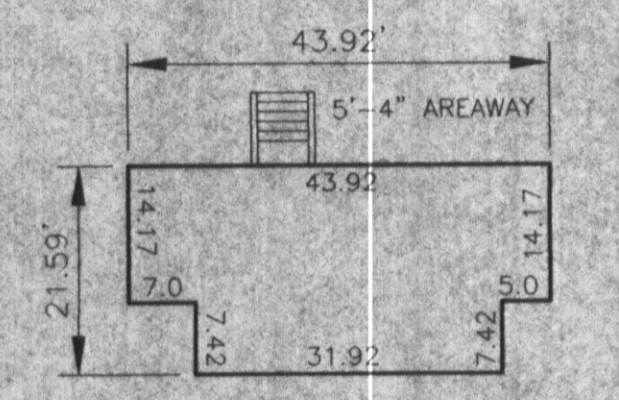


VICINITY MAP
SCALE: 1"=2000'



SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
CgB2	CHESTER GRAVELLY SILT LOAM, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
CgC2	CHESTER GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
MgB2	MANOR GRAVELLY LOAM, 3 TO 8 PERCENT, MODERATELY ERODED	B

NOTE: BASED ON HOWARD SOIL SURVEY PAGE 14.



PROPOSED ADDITION
SCALE= 1"=20'

LEGEND	
	PROPERTY LINE
	SOILS DIVISION LINE
	SOIL TYPE (SEE TABLE THIS SHEET)
	EXISTING 2 FT CONTOUR
	EXISTING 10 FT CONTOUR
	PROPOSED CONTOUR
	TREELINE
	EXISTING TREE
	EXISTING TREE
	RIGHT OF WAY
	PROPOSED SEPTIC AREA
	PROPOSED WELL
	EXISTING WELL
	PASSED PERCOLATION TEST HOLE
	FAILED PERCOLATION TEST HOLE
	PROPOSED PERCOLATION TEST HOLE

GENERAL NOTES

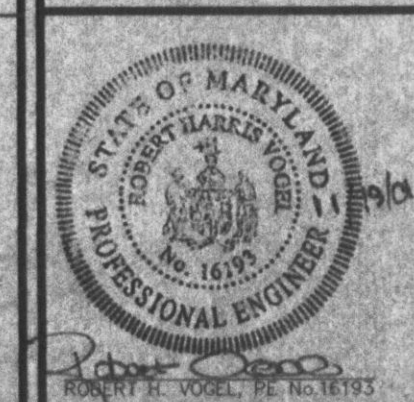
- THE CONTOURS AND ELEVATIONS SHOWN HEREON ARE BASED ON AERIAL PHOTOGRAPHY AND HOWARD COUNTY PHOTOGRAMETRIC MAPS ON A DEED PLOTTING.
- THE BOUNDARY LINES SHOWN HEREON ARE BASED ON A DEED PLOTTING.
- EXISTING SEPTIC LOCATIONS SHOWN ARE BASED ON RECORD PLATS.
- ALL EXISTING WELLS AND SEPTIC AREAS WITHIN 100' OF THE SITE HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE.
- ALL WELLS TO BE DRILLED PRIOR TO RECORD PLAT APPROVAL.
- APPLICATION NO. PERC LOCATIONS ARE BASED ON PERC TESTING DATED AND ARE FIELD LOCATED.
- A GROUND WATER APPROPRIATION PERMIT MUST BE SUBMITTED PRIOR TO RECORD PLAT SUBMISSION AND/OR PRIOR TO DRILLING WELLS.

THIS AREA DESIGNATES A MINIMUM 10,000 SQ FT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

OWNERS
JAMES J. JOST & WIFE
3330 ROSEMARY LANE
WEST FRIENDSHIP, MD
21794

PERCOLATION PLAN
JOST PROPERTY
LOT 8A
TAX MAP 22 GRID 4 PARCEL 292
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FREDERICK WARD ASSOCIATES, INC.
ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
ARCHITECTS Phone: 410-290-9550 Fax: 410-720-6226
SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia



DESIGN BY: JCO
DRAWN BY: JT
CHECKED BY: RHV
DATE: NOV. 14, 2001
SCALE: 1"=30'
W.O. NO.:

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

COUNTY HEALTH OFFICER DATE

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

THOMAS STARK, PROFESSIONAL LAND SURVEYOR DATE