

APPLICATION

RECEIVED
HOWARD COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH

2002 FE 25 PM 4:04

PERCOLATION TESTING

A 516535

P _____

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

*Retest of
Ex. Lot in
Pre-1972 Sub
10,000 sq ft Requested
Not required*

DISTRICT _____

DATE 2/25/2002

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 POWEROY

ADDRESS ~~4963 MORNING STAR DRIVE~~ PHONE -

AGENT OR PROSPECTIVE BUYER ALLAN HOMES

ADDRESS PO BOX 1058 COLUMBIA, MD 21044 PHONE 410-381-1414

PROPERTY LOCATION:

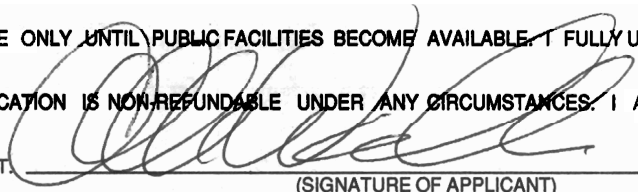
SUBDIVISION LINDEN CHAPEL HILL LOT NO. 3

ROAD AND DESCRIPTION MORNING STAR DRIVE

TAX MAP 28 PARCEL # 167

SIZE OF LOT 1.0 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.



(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

5/6535

1 of 2

COUNTY #

SOIL PROFILE

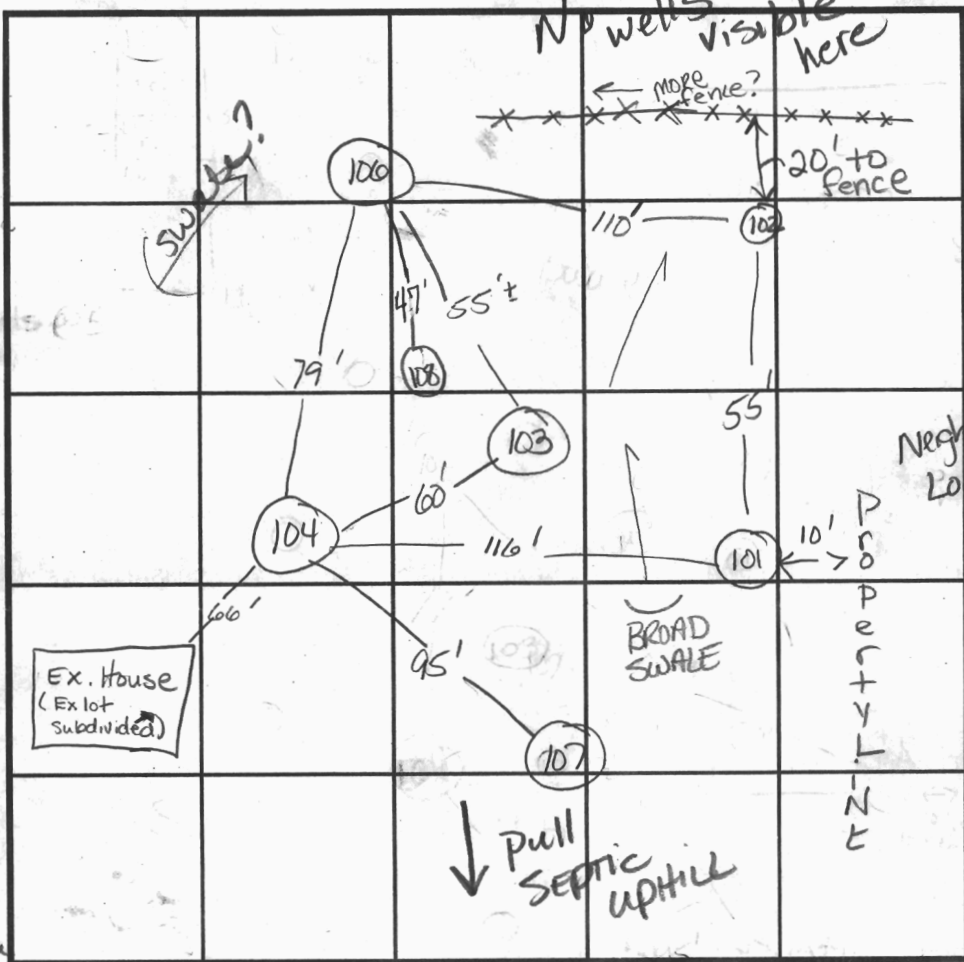
0' (104)
 Strong brn, an
 micaceous
 Rx 5-10% massive
 hvy Lm
 4"
 platy structure
 @ 5'
 md, lg
 grain
 white
 micaceous
 SAND
 Rx 0% 20-25
 Quartzite.
 13 1/2'

(103)

3' SE WALL
 md brn, white
 micaceous
 hvy Lm
 cl m
 micaceous
 Rx Trace
 5' NW WALL
 lt br
 tan
 white
 micaceous
 sand
 platy structure
 Rx 5-10%
 Bottom
 12'

(101)

org brn
 med brn
 hlm
 massive structure
 Rx < 5%
 7 1/2'
 SAND
 white
 H org brn
 Rx: 10-15%
 micaceous
 Platy
 11 1/2'



SOIL PROFILE

0' (102)
 Strong brn
 Trace Rx
 CL M
 5 1/2'
 Loam
 org brn
 micaceous
 Rock
 5-10%
 8 1/2'
 lt br yellow brn
 tan
 beige sand
 Bottom
 12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

MORNING STAR ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/11/02	(104)	5 1/2' S 13 1/2' B	11:49:50	11:50:45	11:50:45	11:52:10	2 OK
	(103)	5 3/2' 5'6'	12:02 11:55:20	11:56:29 11:56:29	11:56:29	11:58:09	2.20
	(101)	4' S 11 1/2' B	12:05:53	12:25	12:25	pulled top slow	OK
	(102)	6' S 12' B	12:17:30	12:23	12:23	12:32	9 min
	(106)	6' S 6' S / 12' 3"	12:33:14 12:36:46	12:34:15 12:38:30	12:34:15 12:38:30	12:35:40 12:41:20	OK 2' 10"

REMARKS: Holes per plan except (107) & (108)
 TYPE OF SOIL: Just enough moisture to clump. def mottles @ 13' white mottled matrix
 TESTED BY: Goedeking ALSO PRESENT: Roger Dye black mottles
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2+ TRENCH WIDTH 3
 INLET DEPTH 5 MAXIMUM BOTTOM DEPTH 7 SQ. FT/BEDROOM 180'

APPLICATION

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HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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 Pomeroy

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER Allan Homes

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION LINDEN Chapel Hill LOT NO. 3

ROAD AND DESCRIPTION MORNING STAR DRIVE

TAX MAP 28 PARCEL # 167

SIZE OF LOT 1.0 AC TYPE BLDG. SFD
(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

516535

2 of 2

COUNTY #

SOIL PROFILE

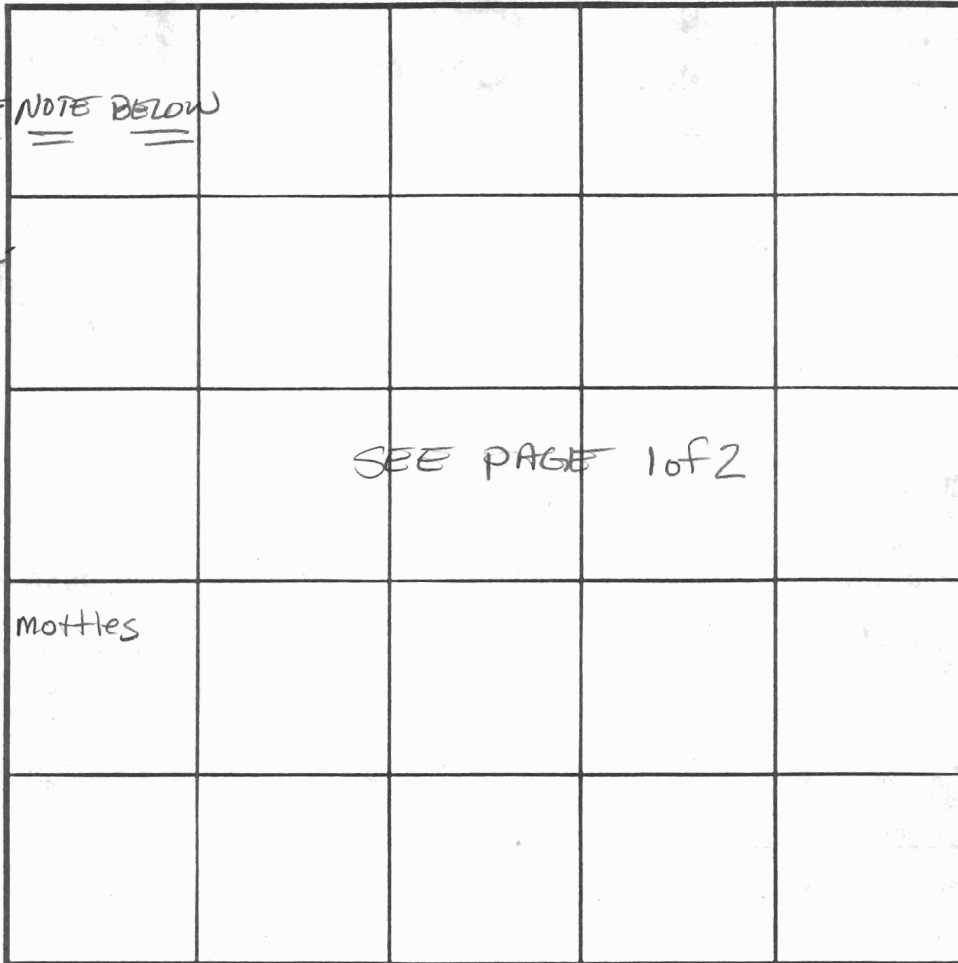
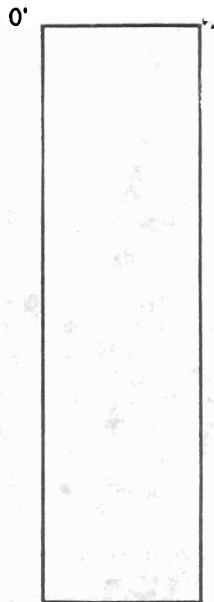
0' * 106 * SEE NOTE BELOW

rd brn
strong
brn, massive
hvy Lm -
cLm 4½-5'

brn
tan
Lm +
Rx - 15% 7'

Micaceous
white
yell. brn
beige
lg grained
SAND Rx 35-40%
Moist - B - Mottles
SAND Bottom 14'

SOIL PROFILE



SEE PAGE 1 of 2

Mottles

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

107

Strong brn
y brown
micaceous
Loam 3½'

Bright red
CLAY LAYER 4'

Strong brn
Yellow brn
micaceous
Lm - 5Lm
Rx - 15%
Bottom 14'

108

Strong brn
hvy Lm -
Lm
Trace
Rx 6'

Micaceous
tan
beige
white
SAND
Rx 10-15%
SAND is moist
clumps
Bottom 15'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
Moisture content checked by							
squeezing soil with average force							
& bouncing soil in hand. Bounces							
2 x 3 times before SAND clump							
falls apart.							

REMARKS # 107 & 108 Not per plan

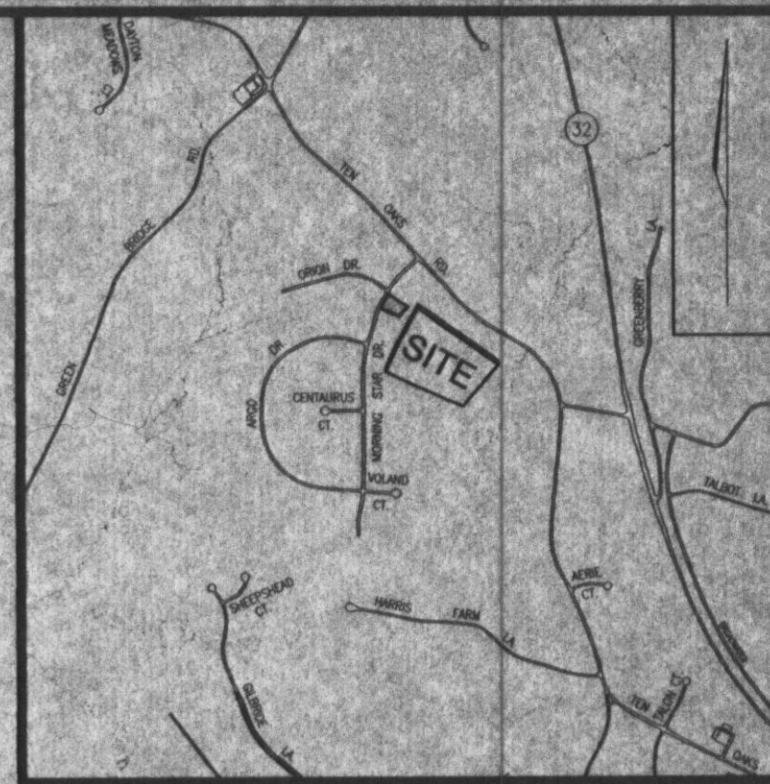
TYPE OF SOIL # 106 Parent rock - broken down to white & tan sand with Mn aggregates with in peads. Random distribution of Mn aggs.

TESTED BY Goedeking ALSO PRESENT Roger Dye

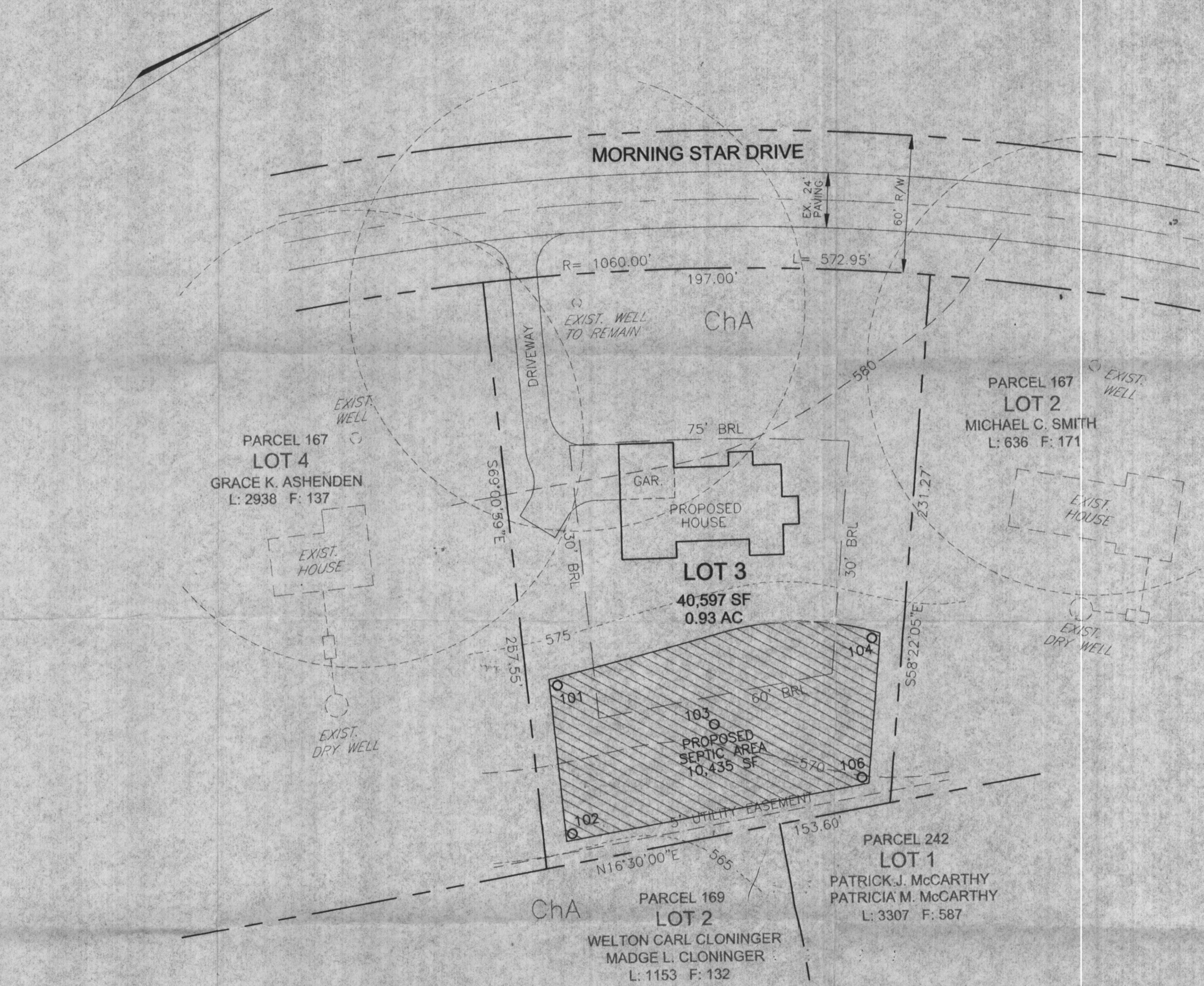
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

Proposed
 permit
 to be
 revised
 4/12/02



VICINITY MAP
 SCALE: 1"=2000'



PLAN
 SCALE: 1"=30'

GENERAL NOTES

1. THE CONTOURS AND ELEVATIONS SHOWN HEREON ARE BASED ON AERIAL PHOTOGRAPHY AND HOWARD COUNTY PHOTOGRAMETRIC MAPS.
2. THE BOUNDARY LINES SHOWN HEREON ARE BASED ON RECORD PLAT NO. 2367.
3. EXISTING SEPTIC LOCATIONS SHOWN ARE BASED ON RECORD PLATS.
4. ALL EXISTING WELLS AND SEPTIC AREAS WITHIN 100' OF THE SITE HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE.
5. ALL WELLS TO BE DRILLED PRIOR TO RECORD PLAT APPROVAL.
6. APPLICATION NO. PERC LOCATIONS ARE BASED ON PERC TESTING DATED AND ARE FIELD LOCATED.
7. A GROUND WATER APPROPRIATION PERMIT MUST BE ISSUED PRIOR TO RECORD PLAT SUBMISSION AND/OR PRIOR TO DRILLING WELLS.

LEGEND

- EXISTING 5 FOOT CONTOUR
 - EXISTING 10 FOOT CONTOUR
 - PASSED PERCOLATION TEST HOLE
 - FAILED PERCOLATION TEST HOLE
 - PROPOSED PERCOLATION TEST HOLE
 - SOILS TYPE
 - PROPOSED WELL LOCATION
 - EXISTING WELL LOCATION
 - PROPOSED INDIVIDUAL SEPTIC AREA
- 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.

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChA	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES	B

NOTE: HOWARD SOIL SURVEY PAGE 17.

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.

JOSEPH JAY WOOLDRIDGE, PROFESSIONAL LAND SURVEYOR _____ DATE _____

PERCOLATION PLAN
 LINDEN CHAPEL HILL
 LOT 3

TAX MAP 28
 5TH ELECTION DISTRICT

PARCEL 167
 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: JCA
 DRAWN BY: JT
 CHECKED BY: RHW
 DATE: FEB. 18, 2002
 SCALE: 1"=30'
 W.O. NO.: 2014069

1 SHEET OF 1