

APPLICATION

PERCOLATION TESTING

A 517413-B

P _____

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

DISTRICT _____

DATE 8/13/2002

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 Rosmond E Fowler

ADDRESS 216 melvin Ave
Belt Md. 21228-3146 PHONE 240-375-4326

AGENT OR PROSPECTIVE BUYER Bella Donna ESTATE Homes

ADDRESS 48411 Surpside DR Lexington Park Md PHONE 240-375-4326

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Parcel 272

ROAD AND DESCRIPTION Clarksville Pike, Clarksville md

TAX MAP 40 PARCEL # 272

SIZE OF LOT 1.546 ac TYPE BLDG. Residential single family Dwelling
(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] (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

COUNTY #

SOIL PROFILE

Tan Brown SCL

red brown L w/ 10-15% Channery frags

red brown fine micaceous SL w/ <5% Channery frags

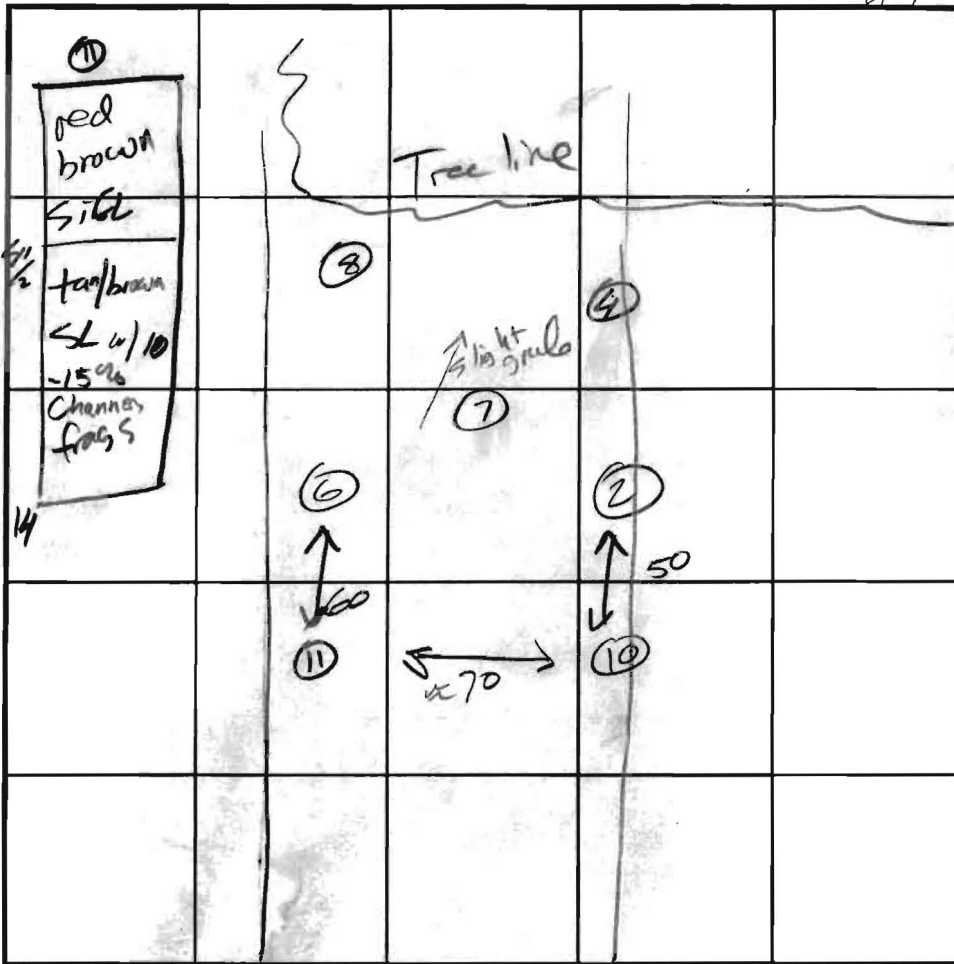
Brown/Tan Heavy SCL + L

Coar LS w/ <5% Channery frags

H₂O

Brown micaceous L/CL mix

Brown micaceous LS



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Rt 108

SOIL PROFILE

Brown SCL

lenses w/ dense

micaceous LS w/ <5% Channery frags

Variable lenses of dense SCL L, + SL

Coar micaceous SL w/ 5-10% Channery frags in bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
9/5/02	2	6/14	12:34	12:37	12:37	12:43	5	ok
9/5/02	4	5 1/2 / 14 1/2	1:45	1:46	1:46	1:47	1	
9/5/02	6	6 / 14 1/2	11:49	12:03	12:03	12:33	30	F
9/5/02	7	5 1/2 / 14	12:23	Stopped @ 12:46	no movement			F
		6 1/2 / 14	12:53	12:56	12:56	1:01	5	ok
9/5/02	8	5 / 14	12:16	Test stopped @ 12:56	no movement			F
9/5/02	11	6 / 14	2:51	2:55	2:55	3:00	5	ok

REMARKS

TYPE OF SOIL

TESTED BY J. Boris

ALSO PRESENT S. Migline, Foster

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

9

TRENCH WIDTH

3

INLET DEPTH

4

MAXIMUM BOTTOM DEPTH

7 (1' @ 6)

SQ. FT/BEDROOM

210

APPLICATION

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TELEPHONE: 313-2640

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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 Rosmund & Inez Fowler

ADDRESS 4820A Frolish Lane Hyattsville Md PHONE 240-375-4326

AGENT OR PROSPECTIVE BUYER Bella Donna ESTATE Homes

ADDRESS 48411 Surfside Dr Levington Park Md 20653 PHONE 240-375-4326

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Parcel 281

ROAD AND DESCRIPTION Clarksville Pike clarksville md

TAX MAP 40 PARCEL # 281

SIZE OF LOT 1872 ac TYPE BLDG. _____
(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

240' ~~272~~

COUNTY #

SOIL PROFILE

0' **(5)**
red brown SiCL w/ < 5% Channery frags

6 1/2' **(4)**
tan micaceous SL

14' **(2)**
Dense SCL
w/ < 5% Channery frags

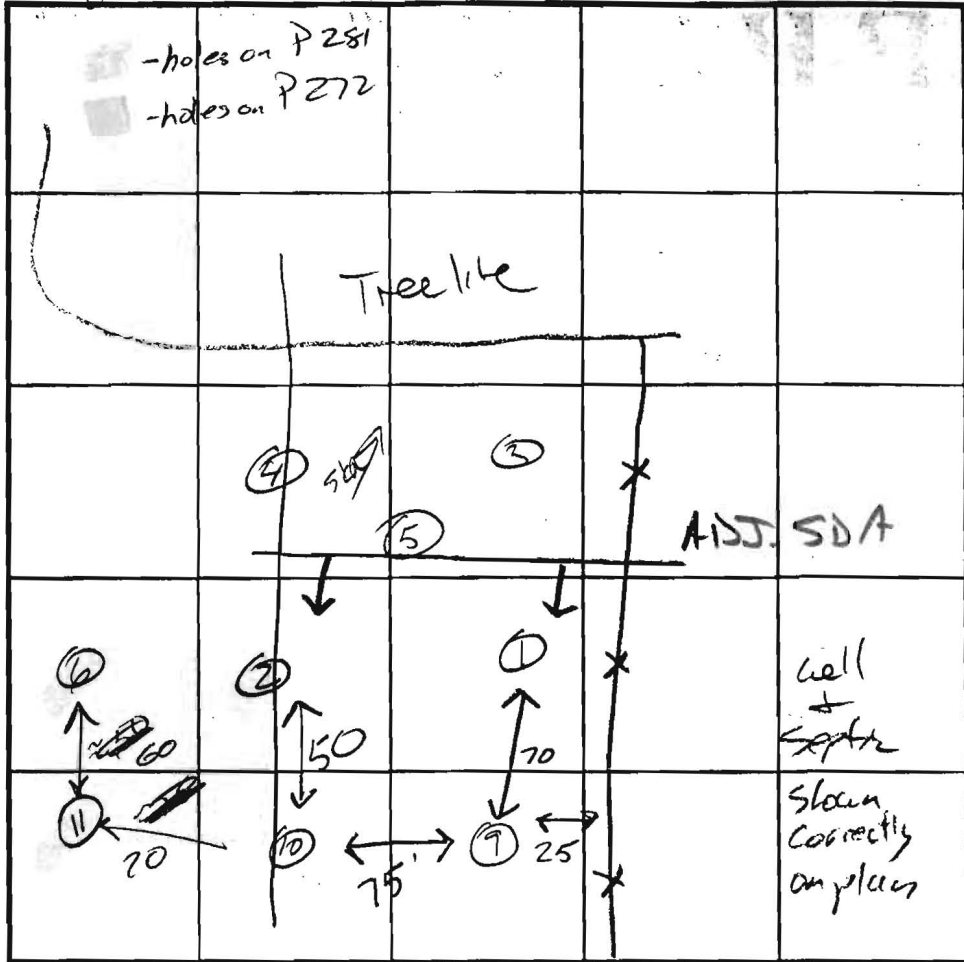
5' **(1)**
red brown micaceous SL w/ < 5% Channery frags

14' **(1)**
brown SiCL Very Dry

2' **(1)**
Dense SL

4 1/2' **(1)**
tan LS w/ < 5% Channery frags

14'



SOIL PROFILE

0' **(9)**
tight red brown L

14' **(9)**
tan micaceous SL w/ < 5% Channery frags

14' **(10)**
tan SL
↓ red brown SiCL

5' **(10)**
tan SL w/ 10-15% Channery frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2+108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/5/02	5	14V	OK	6 1/2			2-7	OK
9/5/02	3	6 14	2:06	2:13	2:13	2:20	7	OK
9/5/02	1	6 14	2:21	2:23	2:23	2:28	5	OK
9/5/02	9	5 1/2 14	2:36	2:37	2:37	2:40	3	OK
9/5/02	10	14V	see profile		good after 5'		2-7	OK

REMARKS: Adjust SDA higher than test #5 / install initial no lower than test holes

TESTED BY: J. Boris

ALSO PRESENT: S. Minihore, Eagles

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: 5 TRENCH WIDTH: 3

INLET DEPTH: 4 MAXIMUM BOTTOM DEPTH: 70 SO. FT./BEDROOM: 180

EX. WELL

N65°55'09"W
200.31'

9.89'

BUILDING RESTRICTION LINE

99.69'

PARCEL 281
(NOT PART OF THIS PLAN)

FUTURE
2-STORY
DWELLING

FUTURE SEWAGE
DISPOSAL AREA

INEZ & ROSMUND FOWLER
3750 260

MAP 40. GRID 5, PARCEL 281,

PT1

PT3

FUTURE 12' DRIVE

FUTURE WELL

8 TOTAL
TEST HOLES

EKB2

100' WELL RADIUS (TYP)

PROP. WELL
LOCATION

100' WELL RADIUS (TYP)

BUILDING RESTRICTION LINE

PROP. 12' DRIVE

BUILDING RESTRICTION LINE

EX. WOOD

N07°51'S 151.5'

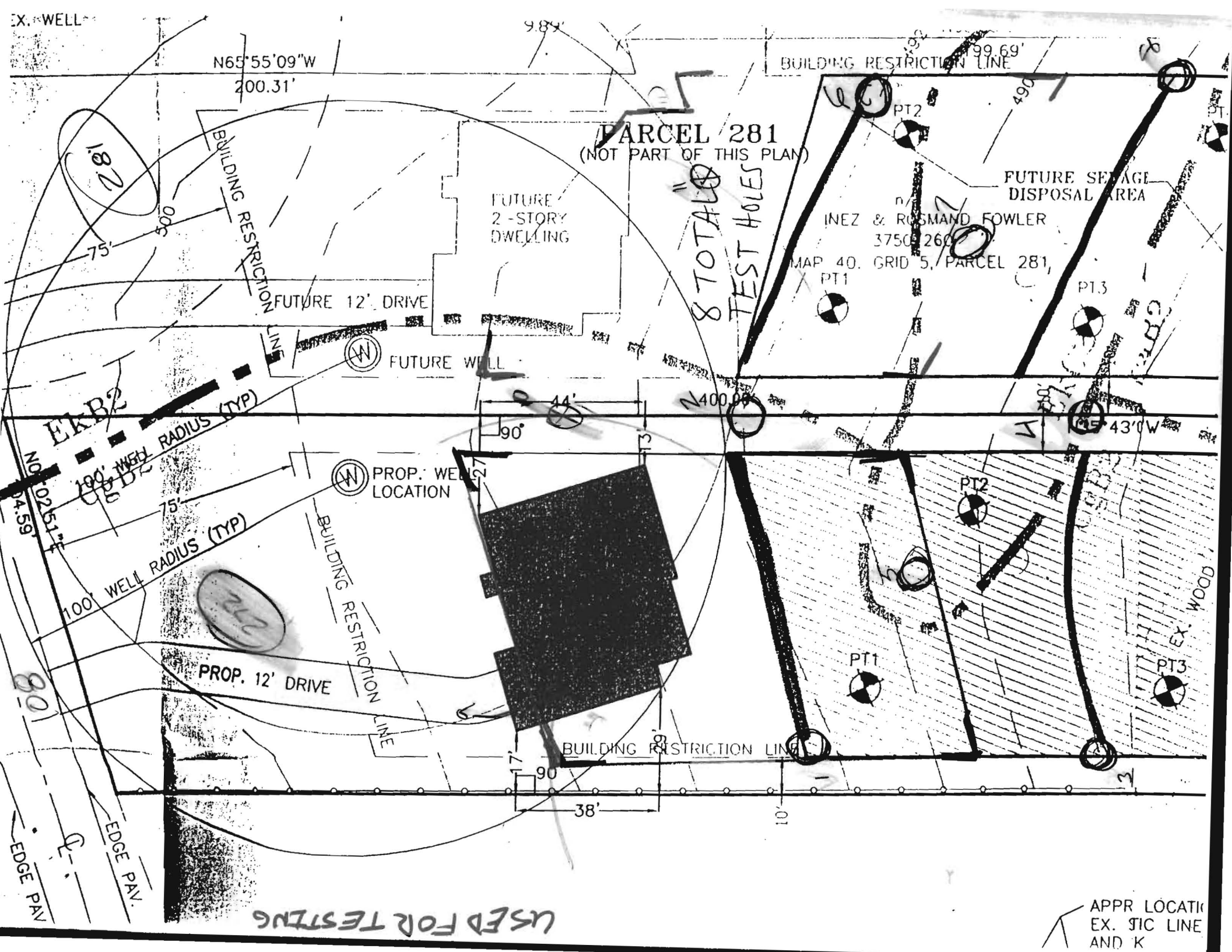
80

EDGE PAN

EDGE PAN

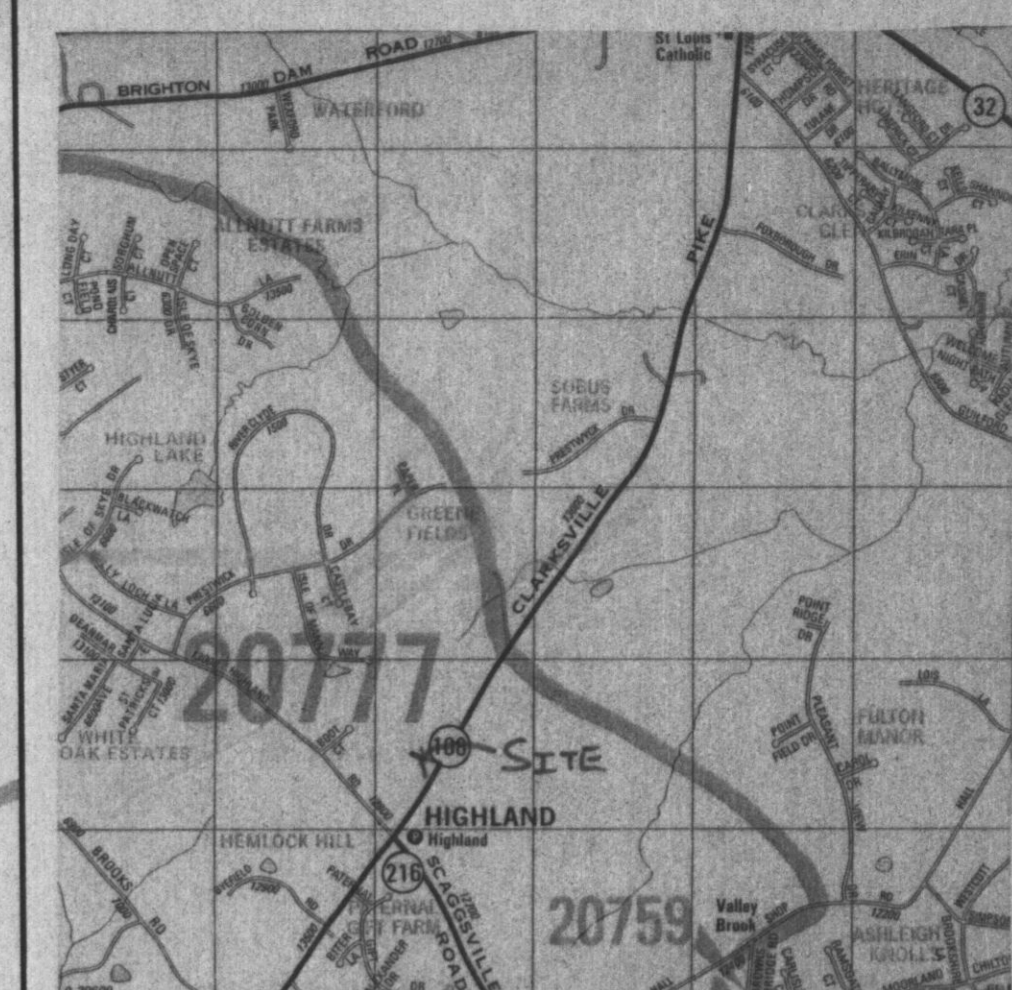
USED FOR TESTING

APPR LOCATI
EX. TIC LINE
AND K



SOILS

SYMBOL	MAPPING UNIT	WATER TABLE
EkB2	ELIOAK SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	20+
EKc2	ELIOAK SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	20+
ChB2	CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	20+
CgB2	CHESTER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	20+
Ha	HATBORO SILT LOAM	0-1



Vicinity Map
Scale: 1"=2000'

PERK TESTING RESULTS:

THE FOLLOWING PERCOLATION TEST RESULTS WERE OBSERVED ON SEPTEMBER 5, 2002 BY JOHN A. BORIS OF THE HOWARD COUNTY HEALTH DEPARTMENT.

TEST #	DEPTH	TIME
PT #1	6'/14"	5 MIN.
PT #2	6'/14"	5 MIN.
PT #3	6'/14"	7 MIN.
PT #4	5.5'/14.5"	1 MIN.
PT #5	14'	2-7 MIN.
PT #6	6'/14.5"	>30 MIN.
PT #7	5.5'/14"	>30 MIN.
PT #8	5'/14"	>30 MIN.
PT #9	5.5'/14"	3 MIN.
PT #10	14'	2-7 MIN.
PT #11	6'/14"	5 MIN.

LEGEND

- EXISTING GRADE
- PROPOSED PERC TEST LOCATION
- APPROXIMATE LOCATION OF EXISTING SEPTIC AREA
- EXISTING TREE LINE
- SOILS BOUNDARY
- SOILS BOUNDARY
- PROP. WELL LOCATION
- PROP. 1,500 S.F. WELL AREA

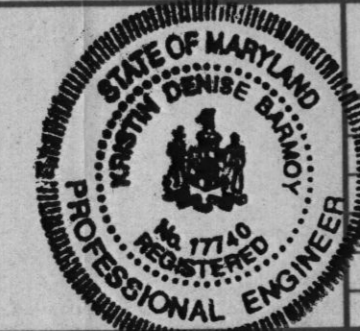
Approved for private water and private sewerage systems in conformance with the Master Plan of Howard County.

10-9-02
Howard County Health Officer Date

MARYLAND LAND DESIGN, INC.
CONSULTING ENGINEERS AND LAND PLANNERS

2001 MEADOW DRIVE
WESTMINSTER, MARYLAND 21158
TELEPHONE: (410) 857-0210 FAX: (410) 840-0143

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REVISIONS

NO.	DATE	DESCRIPTION
1	9/23/02	ADDED PERK TEST RESULTS & ADJUSTED DISPOSAL AREA
2	9/26/02	ADJUSTED DISPOSAL AREA PER H.C.H.D.

PLAN PREPARATION

DRAWN BY: DWS	DATE: 1 AUGUST 2002
DESIGNED BY: DWS	FILE NO. 2002-45
CHECKED BY: DAB	DRAWING NO.

CONTRACT PURCHASER/DEVELOPER:

SELECT HOMES
MR. SAL MIGLIORE
48411 SURFSIDE DRIVE
LEXINGTON PARK, MD 20653
204-375-4326

OWNER:

ROSMOND E. FOWLER
216 MELVIN AVE.
BALTIMORE, MD 21228-3146

Signal per cert

PERCOLATION CERTIFICATION PLAN

PARCEL 272, CLARKSVILLE PIKE

TAX MAP 40, BLOCK 5, PARCEL NO. 272; LIBER 508 FOLIO 503
5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

SCALE

1" = 30'
SHEET NO.
1 OF 1

GENERAL NOTES:

- THE ELEVATIONS SHOWN HEREON WERE ESTABLISHED FROM A FIELD SURVEY PERFORMED JULY, 2002 BY MARYLAND LAND DESIGN, INC., BASED ON ASSUMED DATUM.
- ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF ANY PROPERTY BOUNDARY ARE SHOWN HEREON.
- 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 UNLESS PUBLIC SEWAGE BECOMES 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 ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- SEPTIC DESIGN: 4 BEDROOM HOUSE
- LOT AREA = 1.546 ACRES