

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

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 Dobran and William Anderson
Brenda Tompkins-McDade

ADDRESS C/O Trinity Quality Homes Inc
7320 George Drive PHONE (410) 531-6444
Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES INC
7320 George Drive

ADDRESS Columbia MD 21044 PHONE (410) 531-6444

PROPERTY LOCATION: * THE PRESERVE AT WAVERLY WOODS
D REAR DIVISION OF SHADOW SHADE LOTS 1+2 + PRE-PAID

SUBDIVISION AND HIGHWAY AT BREEZEWOOD FARMS LOT NO. (6)

ROAD AND DESCRIPTION WINDSOR TAD AND ROUTE 99 (FREDERICK ROAD)

TAX MAP 10 PARCEL # 36+102

SIZE OF LOT 1 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

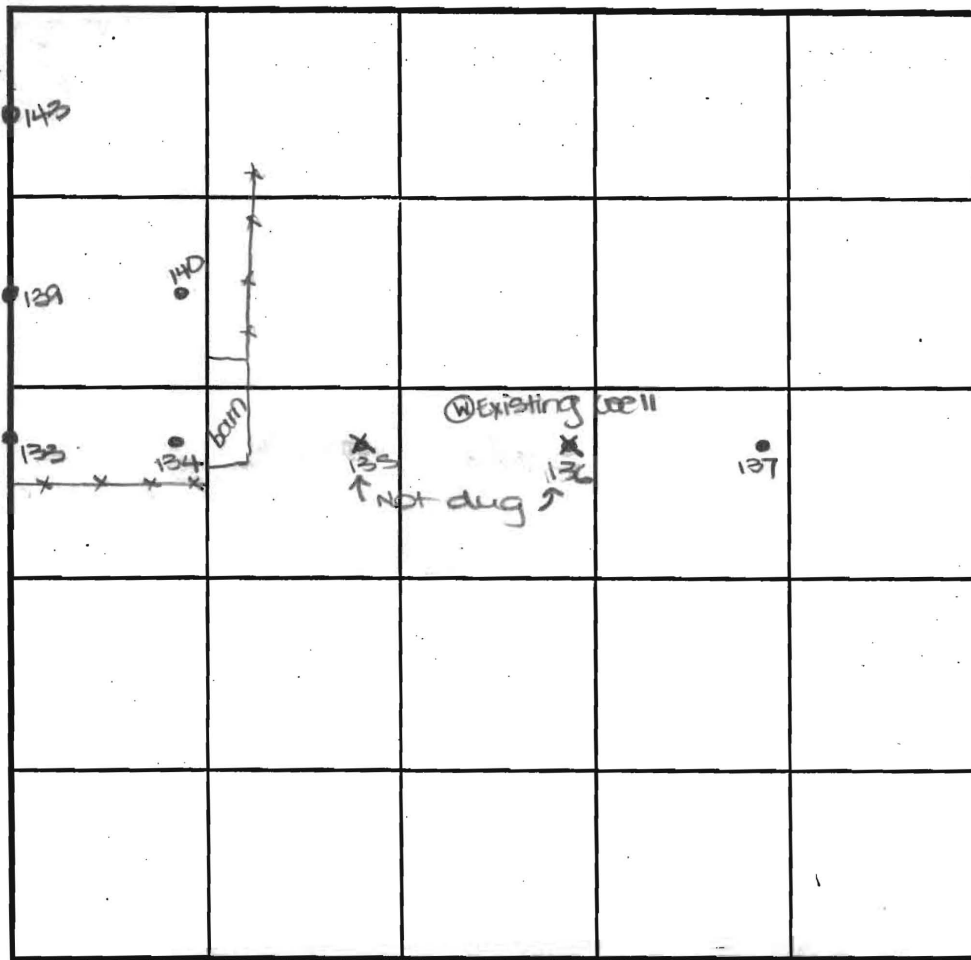
COUNTY #

SOIL PROFILE

0' 137/139
6" topsoil
3.5' org brn
a.l.m.
pale
org beige
samica
Lm
15%+
rock

134
6" topsoil
4' org red
brn
d Lm
pale
org beige
samica
Lm
15%
rock
Refusal

0' 133/140
6" topsoil
3.5' org brn
d Lm
4' brn
samica
Lm
10-15%
rock



SOIL PROFILE

0' 143
6" topsoil
3.5' org red
brn
d Lm
4' org
brn
samica
Lm
10%
rock

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Old Frederick Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-4-01	137	13.0'D	Visual	- see profile			OK
	134	3.0' S	11:21	11:27	11:27	11:42	15
		10.5'D	Refusal	- see profile			OK
	139	3.0'S	11:29	11:41	11:41	11:50	15
		13.0'D	Visual	- see profile			OK
	133	13.0'D	Visual	- see profile			OK
	140	12.5'D	Visual	- see profile			OK
	143	13.0'D	Visual	- see profile			OK

REMARKS

holes tested as staked

TYPE OF SOIL

TESTED BY

DKC

ALSO PRESENT

C. Zopp, T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

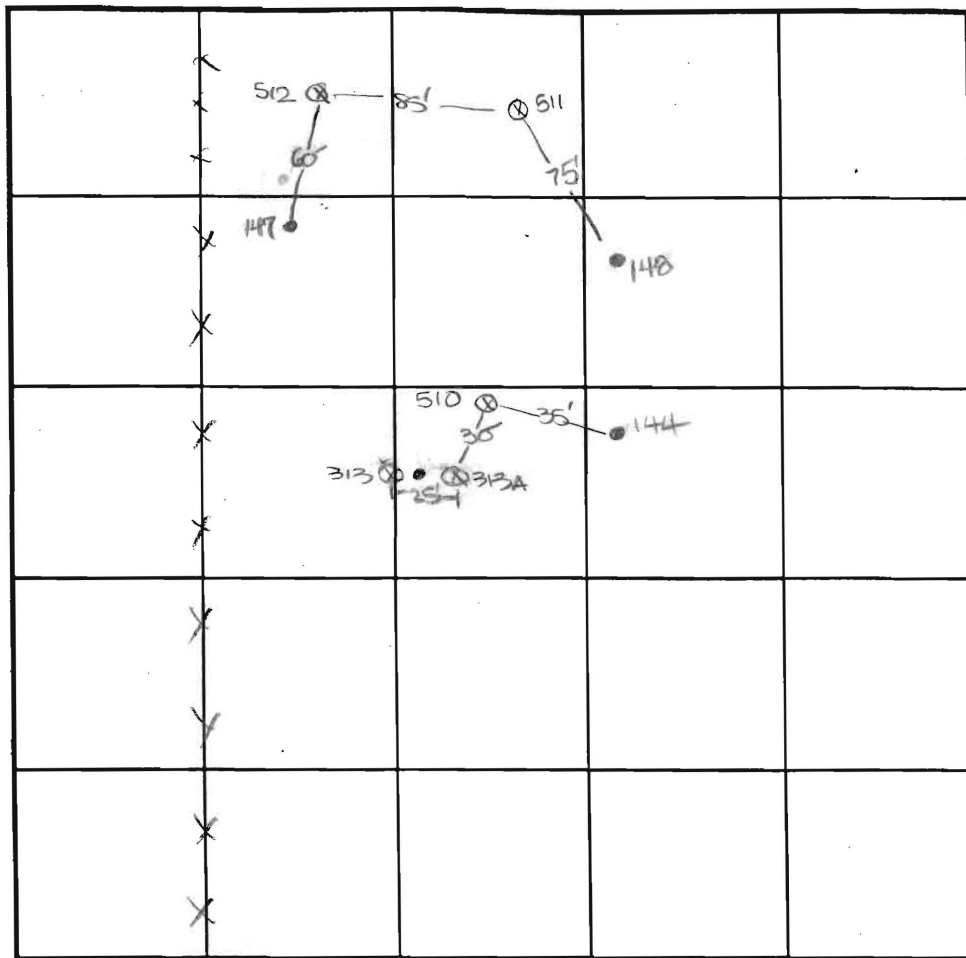
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

0' 511
1' topsoil
org red
brn
cl lm
2.5' -
3' med
org brn
sa mica
Lm
15-20%
rock
12'



Old Frederick Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-16-01	313A	4.5'D	Refusal				FAIL
	313	2'8"S	10:53	little	slow		OK below
		12'7"D	visual	- see	profile		OK
	510	13.5'D	visual	- see	profile		OK
	511	13.0'D	visual	- see	profile		OK
	512	14'2"D	visual	- see	profile		OK

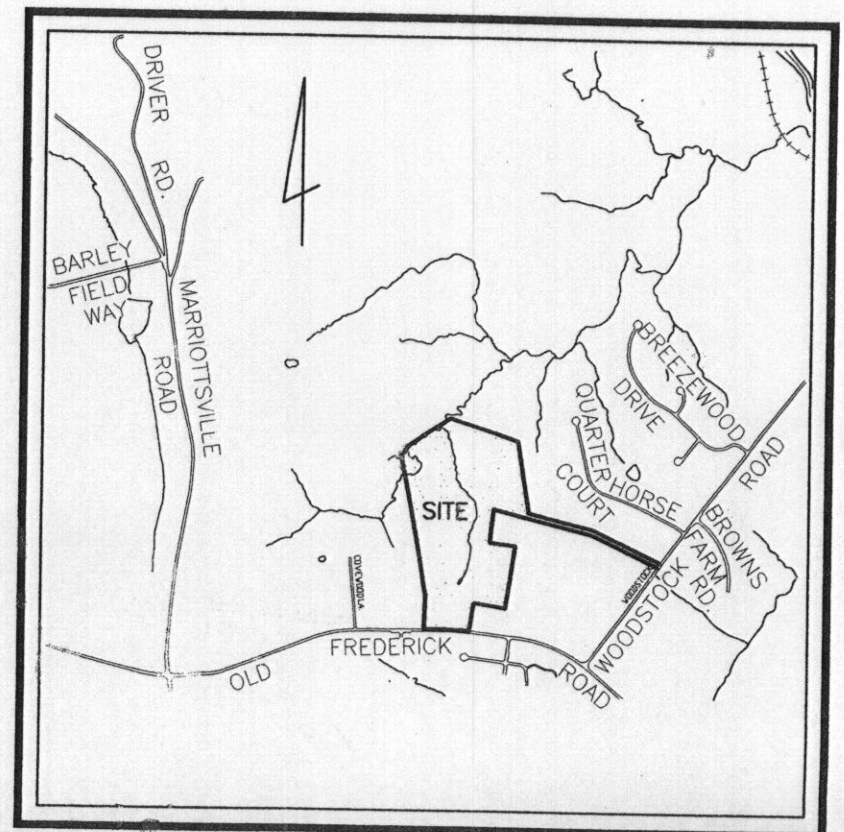
REMARKS only hole 313 started

TYPE OF SOIL _____

TESTED BY DILL ALSO PRESENT C. Zepp, T. Flanagan

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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



VICINITY MAP
SCALE: 1"=2000'

LEGEND

- EXISTING CONTOUR 382 380
- EXISTING TREES TO REMAIN
- SOIL BOUNDARY
- Q STREAM
- STREAM BUFFER
- WETLAND BUFFER
- WETLAND
- 100 YEAR FLOODPLAIN
- SLOPES > 25%
- SLOPES 15% TO 24.9%
- PASSED PERC. TEST
- FAILED PERC. TEST
- PREVIOUS PASSED PERC. TEST
- PREVIOUS FAILED PERC. TEST
- EXISTING WELL
- PROPOSED WELL
- PROPERTY LINE

OWNER/DEVELOPER

TBI HOMES, INC.
3675 PARK AVENUE, SUITE 301
ELLICOTT CITY, MARYLAND 21043
(410) 480-0023

PRELIMINARY PLAN
PERCOLATION CERTIFICATION PLAN
THE PRESERVE
AT WAVERLY GLEN

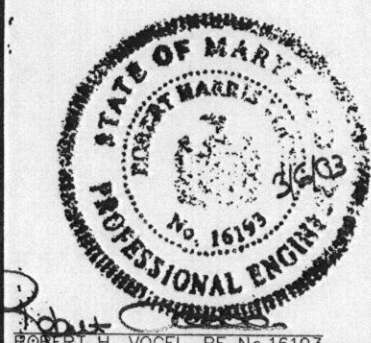
TAX MAP 10 BLOCK 23
4TH ELECTION DISTRICT

PARCELS '304' & '102'
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: RHY
DRAWN BY: JT
CHECKED BY: JCO
DATE: FEBRUARY, 2003
SCALE: 1"=100'
W.O. NO.: 2017139.0

6 SHEET OF 6

GENERAL NOTES:

- ON-SITE WETLAND DELINEATION PREPARED BY ECO-SCIENCE PROFESSIONALS ON OCTOBER 25, 2000.
- FOREST STAND DELINEATION PREPARED BY FREDERICK WARD ASSOC. ON APRIL 26, 2001.
- THE PROPERTY OUTLINE IS BASED ON A BOUNDARY SURVEY PREPARED BY FREDERICK WARD ASSOC., DATED MARCH 2001.
- THE EXISTING FEATURES AND CONTOURS SHOWN HEREON ARE BASED ON AERIAL TOPOGRAPHY PREPARED BY POTOMAC AERIAL SURVEYS, INC. ON APRIL 4, 2001.
- THERE IS A 100 YEAR FLOODPLAIN ON SITE.
- THERE ARE NO HISTORIC SITES ON THE SUBJECT PARCEL.
- EXISTING WELL ON NON-BUILDABLE PRESERVATION PARCEL 'F' PREVIOUSLY ABANDONED.
- EXISTING HOUSE ON NON-BUILDABLE PRESERVATION PARCEL 'F' TO BE REMOVED AND PRIOR TO RECORD PLAT.
- THERE IS NO FOUNDATION UNDER THE WESTERN 25' OF THE EXISTING HOUSE ON NON-BUILDABLE PRESERVATION PARCEL 'F'.
- EXISTING WELL ON LOT 9 PREVIOUSLY ABANDONED.
- EXISTING BARN AND WELL ON LOT 9 TO BE ABANDONED PRIOR TO RECORD PLAT.
- EXISTING WELL ON LOT 10 TO BE ABANDONED PRIOR TO RECORD PLAT.
- EXISTING HOUSE, SEPTIC AND WELL ON LOT 6 TO REMAIN.
- ALL WELLS SHALL BE DRILLED PRIOR TO RECORD PLAT.
- GROUNDWATER APPROPRIATION PERMIT SHALL BE OBTAINED PRIOR TO RECORD PLAT SUBMITTAL.
- THE PURPOSE OF THIS PERCOLATION PLAN IS TO ESTABLISH SEPTIC AND WELL LAYOUT AND SHOULD NOT BE USED FOR ULTIMATE LOT/ROAD LAYOUT.

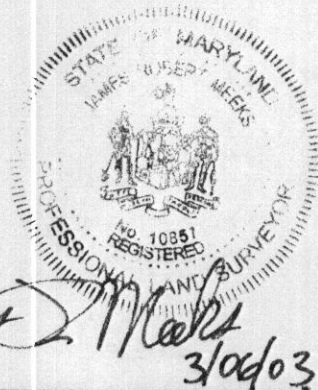
NOTE:
THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO REMOVE 2 LOTS AND ACCOMMODATE MINOR REVISIONS TO THE ROAD ALIGNMENT.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS ON LOTS 1-21 AND BUILDABLE PRESERVATION PARCEL 'A'.

Penney Brewster, M.D./Jr. 3/7/03
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.

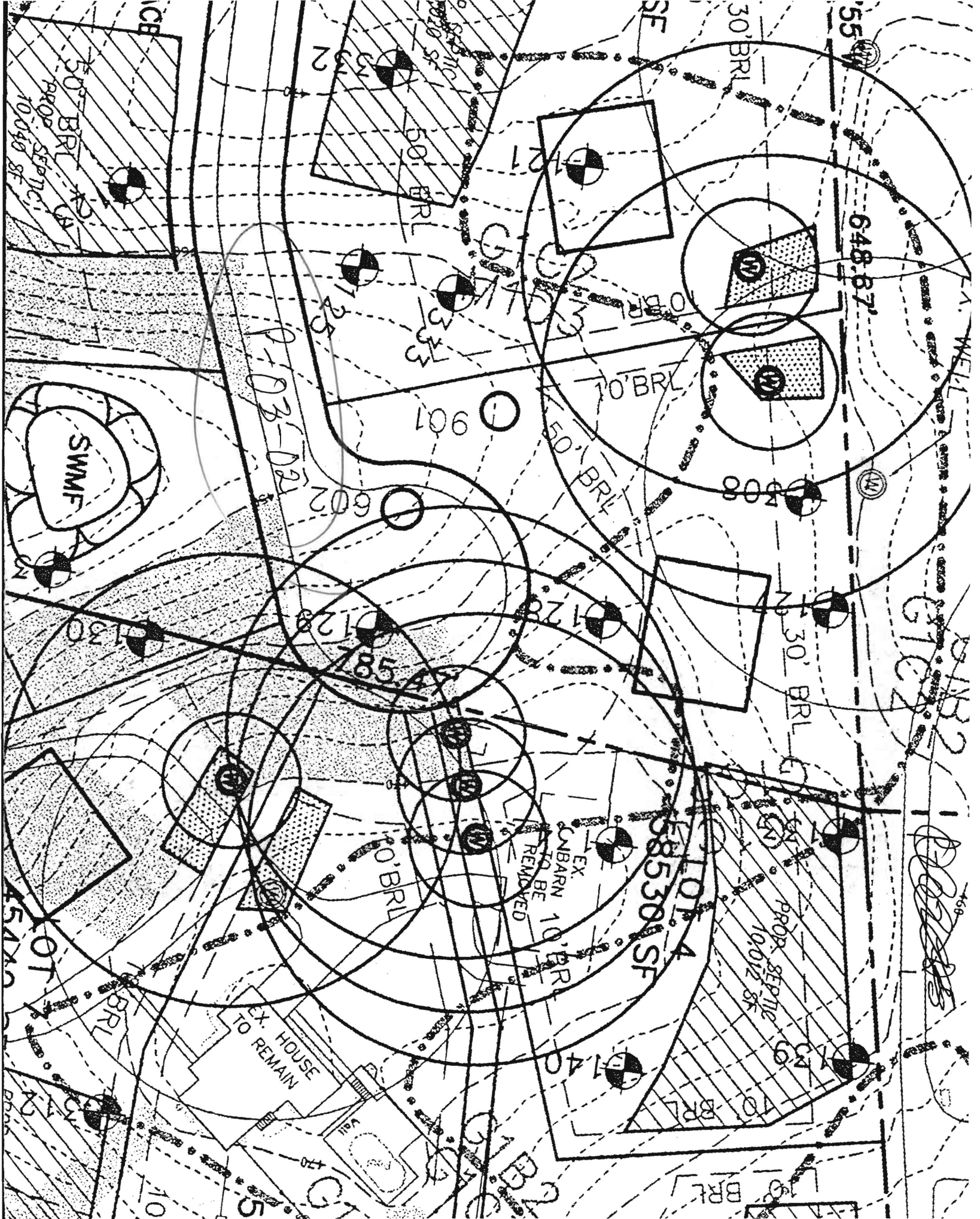
JAMES ROBERT MEERS, LAND SURVEYOR No. 10857 3/06/03 DATE



SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	TYPE	'K' VALUE	HYDRIC	HYDRIC INCLUSIONS
EIC3	ELIOAK SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	B	.28	NO	NO
GIB2	GLENELO LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B	.32	NO	NO
GIC2	GLENELO LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B	.32	NO	NO
GIC3	GLENELO LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	B	.32	NO	NO
GIB2	GLENELO LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B	.32	NO	NO
MIC2	MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B	.37	NO	YES
MID3	MANOR LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	B	.37	NO	NO
MIE	MANOR LOAM, 25 TO 45 PERCENT SLOPES	B	.37	NO	NO





ROBERT N/F
AND BONNIE D. COVEY
LOT 6
MARROTSVILLE ESTATES
PLAT 6842
LIBER 1020, AT FOLIO 567
ZONED RCD20

E: 1,343,400
N: 602,500

N 09°39'55"W 648.67'
195.70'

218.84'

N 10°36'05"W
149.88'

Unsigned Final

30' B.R.L.

30' B.R.L.

LOT 3
53,330 SF

10' B.R.L.

10' B.R.L.
N 72°18'08"E 229.93'

50' B.R.L.

PRIVATE
SEWAGE EASEMENT
10,012 SF

LOT 4
58,530 SF

10' B.R.L.

MATCHLINE SHEET 6

OLD LOT LINE

10' B.R.L.
S 19°13'48"E 208.24'

MATCHLINE SHEET 6

L=154.37'
C10

L=24.51'

D1

3047

3049

40.79'

6.77'

3045

72.45'

20°09'19"W 79.22'

S 20°09'19"E 158.95'

3056

E: 1,343,750
N: 602,500

3043	6
3044	6
3045	6
3046	6
3047	6
3048	6
3049	6
3050	6
3051	6
3052	6
3053	6
3054	6
3055	6
3056	6
3057	6
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3073	6
3074	6
3075	6
3076	6
3077	6
3078	6
3079	6
3080	6
3081	6

PKINS WAY
ACCESS PLACE
OF-1041, 10' WIDE