

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 8/17/00

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 CROBSTER, FROOK LILLY AND BRUNDE

ADDRESS C/O TRINITY QUALITY HOMES INC
7320 GEORGE DRIVE PHONE (410) 977-3082

Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES, INC

ADDRESS 7320 GEORGE DRIVE PHONE (410) 977 3082

Columbia MD 21044

PROPERTY LOCATION:

SUBDIVISION CASTLEBERRY AT TEU OAKS LOT NO. 3029

ROAD AND DESCRIPTION TEU OAKS ROAD

TAX MAP 28 PARCEL # 551, 90, 60

SIZE OF LOT 40,000 - 60,000 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.

Mill P. Paul (Pua)
(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

NOT TO SCALE

COUNTY # _____

SOIL PROFILE 135

0' Topsoil

4" orange-brown clay

4'5" tan loam
10% Saprolite SCHIST

13' 119

4" Topsoil

orange-brown clay

5' tan-brown loam
15% Saprolite SCHIST

13'4" 134

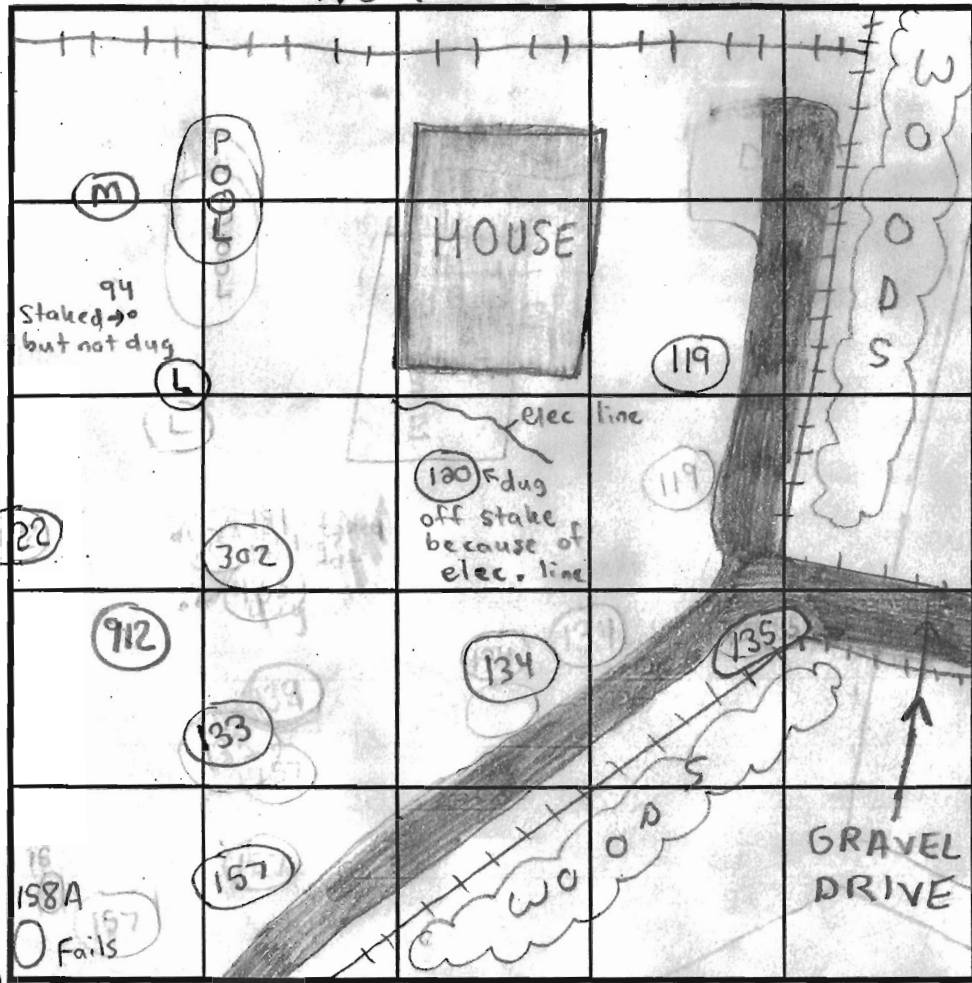
3' Topsoil

orange-brown clay

3' orange-brown clay loam

5' orange-brown loam
10-15% Saprolite SCHIST

13'



SOIL PROFILE 157

0' Topsoil

4" orange-brown clay

4" orange-brown clay

5' orange-brown loam
20% Channery pocket SCHIST

13'2" 912

4" DK BROWN TOP SOIL

3' DD BROWN SILTY CLAY LOAM

LT BROWN/TAN MICACEOUS SANDY LOAM
0-5% WEATHERED FINA SCHIST

15'3"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/21/00	135	4'9" 13'V	9:53am	9:54am	9:54am	9:56am	2min	OK
	119	3'10" 13'4"V	9:59am	10:00am	10:00am	10:02am	2min	OK
	134	3'10" 13'V	10:06am	10:07am	10:07am	10:09am	2min	OK
	157	3'11" 13'2"V	10:13am	10:15am	10:15am	10:18am	3min	OK
→ 4/10/02	912	4'6" 15'3"V	12:10	12:14	12:14	12:21	7min	OK
11/21/00	133	4'2" 13'V	10:21am	10:23am	10:23am	10:25am	2min	OK
	↓ (SEE SOIL PROFILE FOR HOLE 134)							OK

REMARKS: Holes shown are not to scale (proportions may be inaccurate)

TYPE OF SOIL: Clayey loam (Drawing above drawn back in office)

TESTED BY: SRK Chops Atkins - JOHN SPAIN - POSTHOLE Tim Keane
Ronnie Hertz - Backhoe ALSO PRESENT Jack Fyock / 4/10/02
ROBERT FYOCK - 4/10/02

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

NOT MEANT AS A WET SEASON TEST

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 8/17/00

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 CORREITER, FROCK LILLY AND BRUNDE

C/O TRINITY QUALITY HOMES INC

ADDRESS 7320 GRACE DRIVE PHONE (410) 977-3082

Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES, INC

ADDRESS 7320 GRACE DRIVE PHONE (410) 977 3082

Columbia MD 21044

PROPERTY LOCATION:

SUBDIVISION CASTLEBERRY AT TEW OAKS LOT NO. 3231

ROAD AND DESCRIPTION TEW OAKS ROAD

TAX MAP 28 PARCEL # 551, 90, 60

SIZE OF LOT 40,000 - 60,000 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.

Neil Pfeiffer
(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 _____

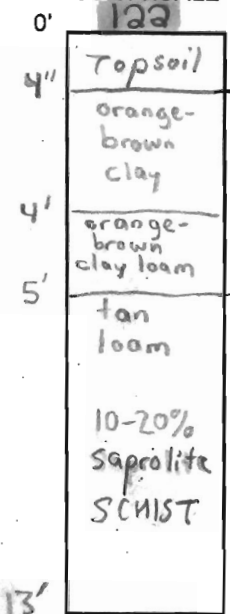
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

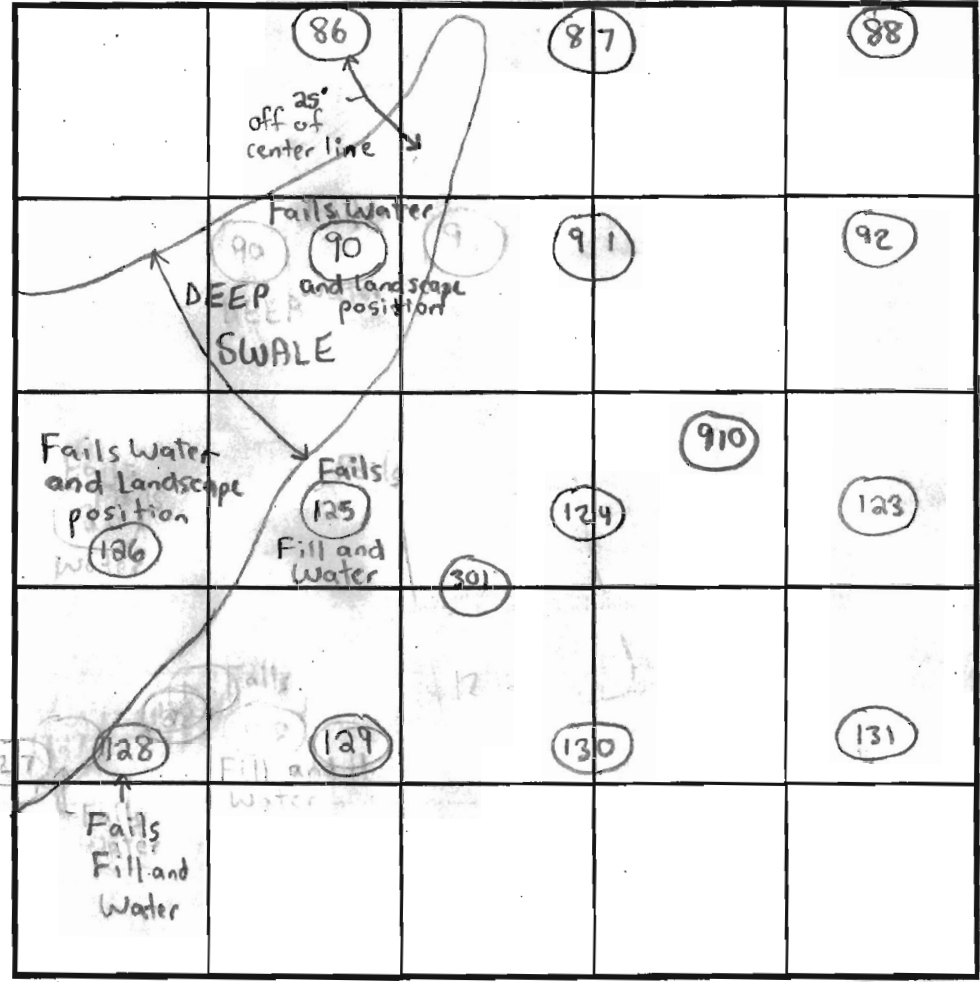
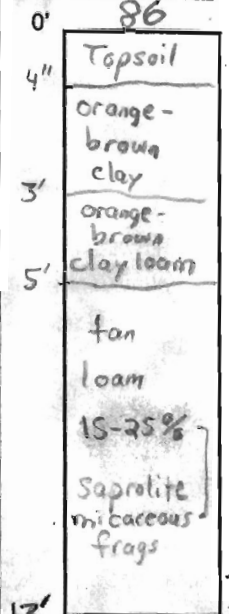
NOT TO SCALE

COUNTY #

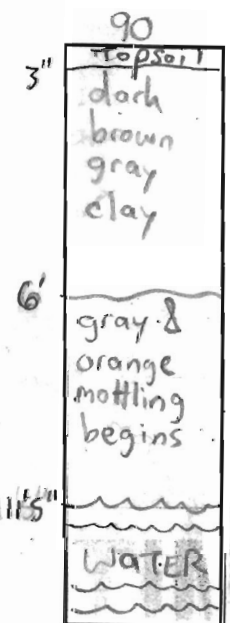
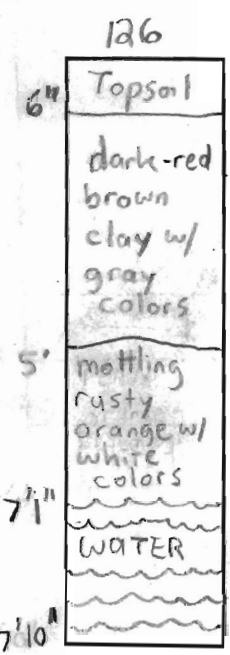
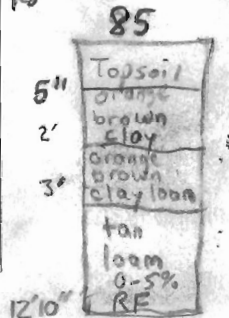
SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/21/00	122	3'10" T 13' V	12:22pm	12:34pm	12:34pm	1:00pm	26min	OK
	126	7'10"	(H ₂ O at 7'11")	Mottling at 5'	Mottling at 5'	Fails		}
	90	11'7"	(H ₂ O at 11'5")	Mottling at 6'	Mottling at 6'	Fails		
			(IN SWALE) ←					
	86	3'2" T 13' V	1:53pm	1:56pm	1:56pm	2:00pm	4min	OK
	85	3'7" T 12'10" V	2:05pm	2:06pm	2:06pm	2:08pm	2min	OK
	87	3'7" T 13' V	2:17pm	2:19pm	2:19pm	2:21pm	2min	OK
	SEE	SOIL	PROFILE FOR		HOLE		85	

REMARKS Redoximorphic Features in holes 90/126

TYPE OF SOIL Gdena1g

TESTED BY SRK Chops Atkins - Posthole Ronnie Heaps - Backhoe ALSO PRESENT Tim Keane & Jack Fyoch

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

11'7"

COUNTY #

SOIL PROFILE 125

0' Appears to be Fill Soil, Soil color/horizons out of place not consistent with other holes

12'3" WATER

12'11"

128

4" Topsoil

2' Black top fill

Orange-brown clay

4' Orange-brown clay loam

9'8" Seepage matting redox features

11'5" WATER

132/159

4" Topsoil

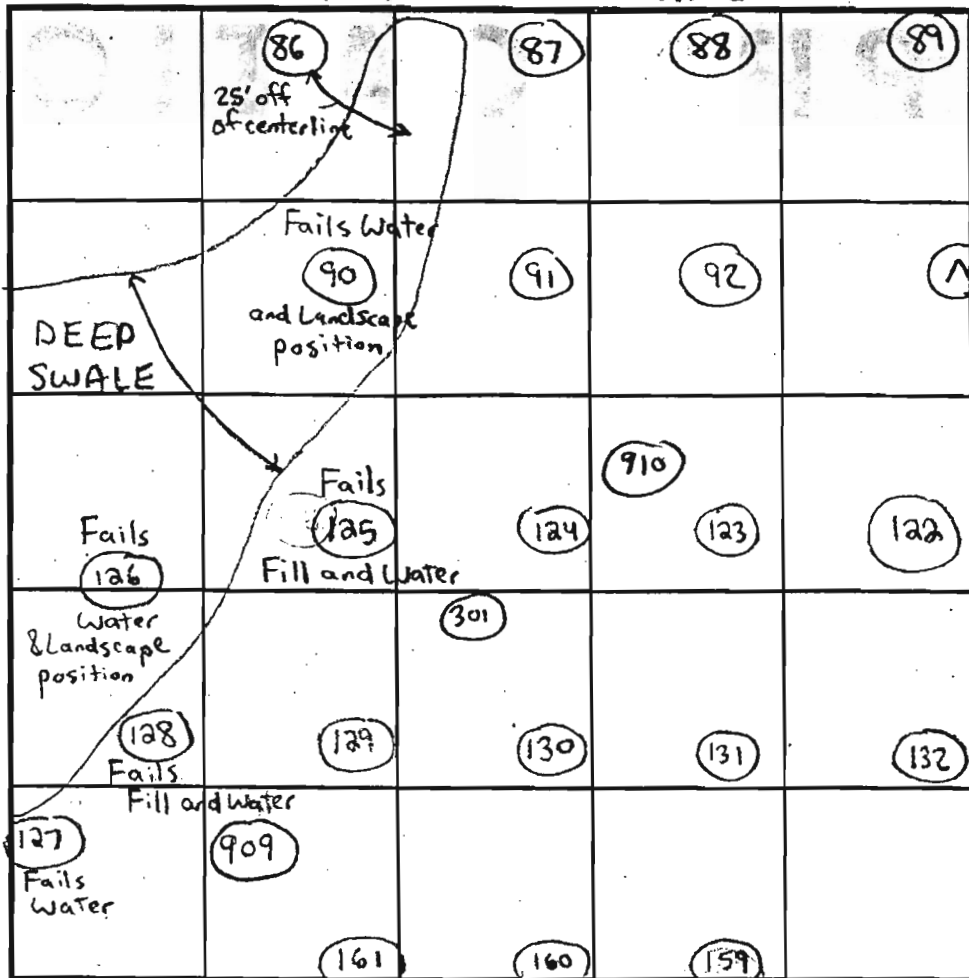
Orange-brown clay

4' orange-brown clay loam

5' tan loam

10-20% Saproelite

13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 131

0' Topsoil

4" orange-brown clay

4' orange brown clay loam

5' tan loam

10-20% saprolite

13' SCHIST

909

4" DK BROWN TOP SOIL

3' ORG BROWN SILTY CLAY LOAM

14' MICACEOUS SANDY LOAM 10-15% MICA SCHIST

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
11/21/00	128	3'11" T 13' V	2:53pm	2:59pm	2:59pm	3:03pm	Fails	Fails	
		(EVIDENCE OF SOME FILL)							
	132	4'11" T 13' V	3:15pm	3:17pm	3:18pm	3:20pm	2min	OK	
	131	3'9" T 13' V	3:25pm	3:26pm	3:26pm	3:28pm	2min	OK	
	59	3'11" T 12'11" V	3:32pm	3:33pm	3:33pm	3:35pm	2min	OK	
		12'11" V	(SEE SOIL PROFILE FOR HOLE)						132
4/10/02	909	3'9" T 14' V	10:41	10:46	10:46	10:55	9min	OK	
11/21/00	125	12'11" V	(FILL SOIL & WATER)					Fails	Fails

REMARKS: NOT MEANT AS A WET SEASON TEST

TYPE OF SOIL: Glenelg Soil 11/21/00

TESTED BY: SRK Chops Atkins & John Spain = Posthole 4/10/02 Frank Alfonso

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

LOT 27
43650 SF.

LOT 28
42995 SF.

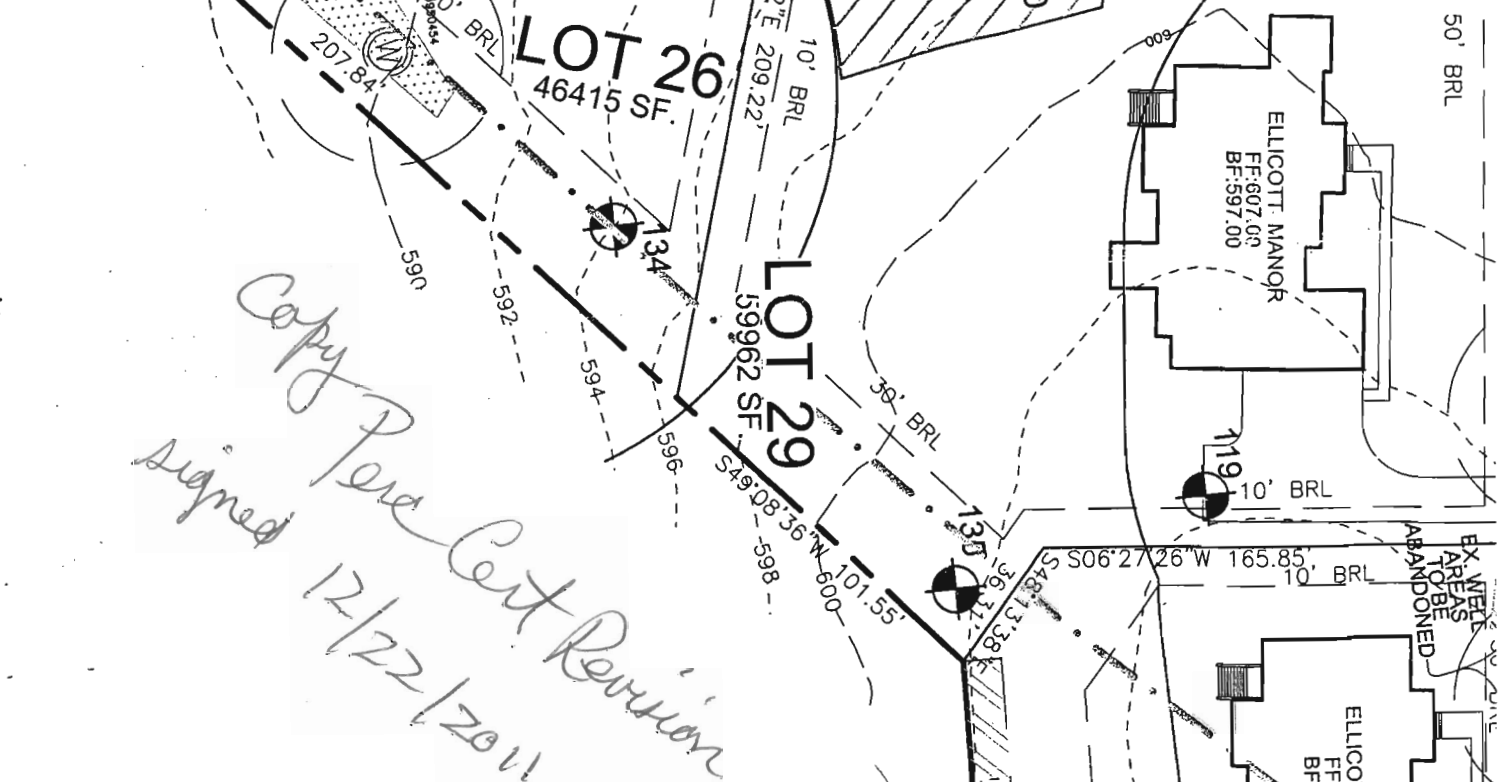
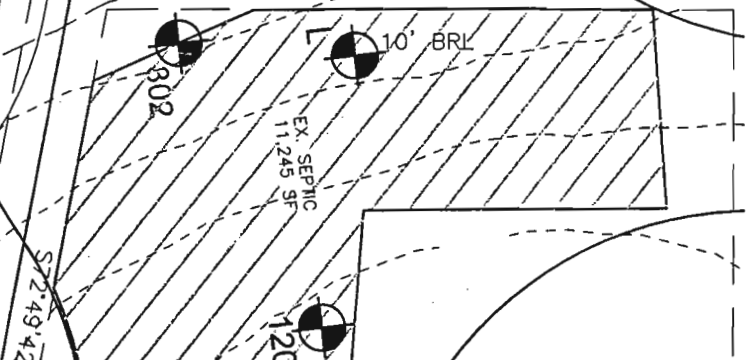
LOT 26
46415 SF.

LOT 29
59962 SF.

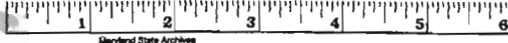
THE YORKSHIRE MANOR
FF:594.00
BF:584.00

ELLCOTT MANOR
FF:607.00
BF:597.00

ELLCOTT
FF:
BF:



*Copy Peria Cert Revision
signed 12/22/2011*

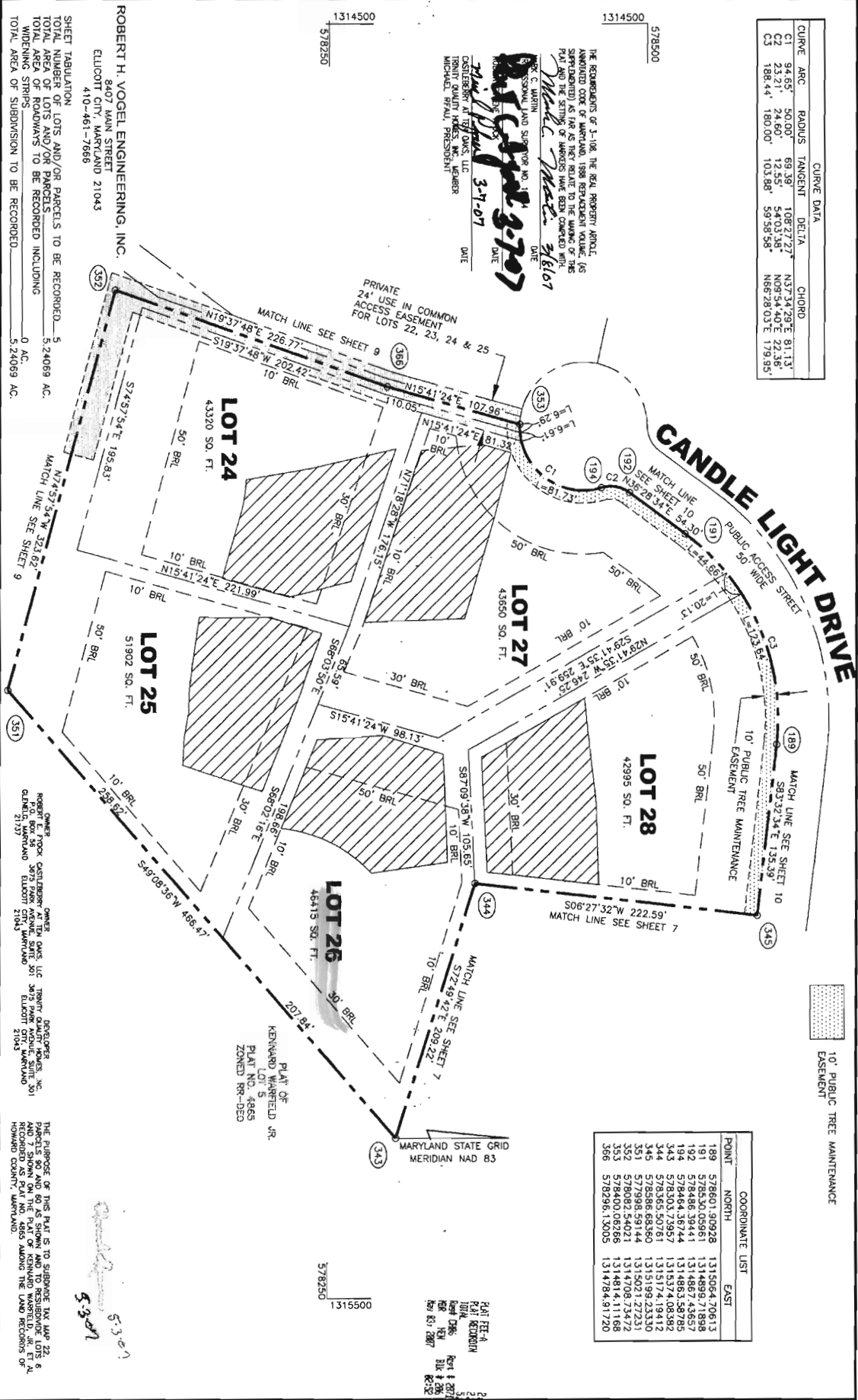


CURVE DATA

CURVE	ARC	RADIUS	TANGENT	DELTA	CHORD
C1	94.65°	50.00'	69.39'	108.2727°	N37.34.29"E 81.13'
C2	23.21°	24.60'	12.55'	54.0338°	N09.54.40"E 22.36'
C3	188.44°	180.00'	103.88'	59.5835°	N68.20.03"E 179.95'

THE RECOMMENDATIONS OF 1-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE WORK OF THIS OFFICE AND THE SETTING OF MARKERS HAVE BEEN CONDUCTED WITHIN THE LIMITS OF THE INFORMATION AVAILABLE TO THE ENGINEER.

DATE: 3-7-07
DATE: 3-7-07
DATE: 3-7-07
DATE: 3-7-07



COORDINATE LIST

POINT	NORTH	EAST
189	578601.90928	1315064.70613
191	578530.05961	1314859.71898
192	578484.39441	1314857.43657
194	578464.36744	1314853.58785
343	578303.72957	1315374.08382
344	578286.82860	1315199.23310
345	577998.69144	1315021.27232
352	577808.24021	1314708.73472
353	578400.05266	1314814.11168
356	578296.13005	1314784.91720

ROBERT H. VOGEL ENGINEERING, INC.
8407 MAIN STREET
ELLICOTT CITY, MARYLAND 21043
410-461-7888

SHEET TABULATION
TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED: 5
TOTAL AREA OF LOTS AND/OR PARCELS INCLUDING WINDING STRIPS: 5,24069 AC.
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 0 AC.
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 5,24069 AC.

APPROVED FOR PRIVATE WATERS AND PRIVATE SEWERAGE SYSTEMS
HARMON COUNTY HEALTH DEPARTMENT.

OWNER'S CERTIFICATE
WE, ROBERT EUGENE FROOK, CASTLEBERRY AT TEN OAKS, LLC, TRINITY QUALITY HOMES, INC., MEMBER, MICHAEL FRAU, PRESIDENT, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADAPT THIS FINAL PLAN OF SUBDIVISION TO THE MARYLAND BUILDING RESTRICTION ACT AND ESTABLISH THE MARYLAND BUILDING RESTRICTIONS AND ASSUMES: (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN STREETS, DRIVEWAYS, WATER PIPES AND OTHER MINOR UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS OF WAY AND THE STREET EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO ACQUIRE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HAWK COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAIN, STORAGE EXHAUSTERS AND OTHER SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EXHAUSTERS TO HAWK COUNTY AND SHALL BE EXERCISED ON OR OVER THE SAID EXHAUSTERS AND RIGHTS OF WAYS FOR WHICH THIS 7 DAY OF FEBRUARY 2007.

SURVEYOR'S CERTIFICATE
I, MICHAEL FRAU, CERTIFY THAT THE FINAL PLAT SHOWING HEREON IS CORRECT, TRUE AND ACCURATE AND THAT I AM A LICENSED SURVEYOR IN THE STATE OF MARYLAND. I AM A LICENSED SURVEYOR IN THE STATE OF MARYLAND. I AM A LICENSED SURVEYOR IN THE STATE OF MARYLAND. I AM A LICENSED SURVEYOR IN THE STATE OF MARYLAND.

APPROVED FOR PRIVATE WATERS AND PRIVATE SEWERAGE SYSTEMS
HARMON COUNTY HEALTH DEPARTMENT.

OWNER'S CERTIFICATE
WE, ROBERT EUGENE FROOK, CASTLEBERRY AT TEN OAKS, LLC, TRINITY QUALITY HOMES, INC., MEMBER, MICHAEL FRAU, PRESIDENT, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADAPT THIS FINAL PLAN OF SUBDIVISION TO THE MARYLAND BUILDING RESTRICTION ACT AND ESTABLISH THE MARYLAND BUILDING RESTRICTIONS AND ASSUMES: (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN STREETS, DRIVEWAYS, WATER PIPES AND OTHER MINOR UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS OF WAY AND THE STREET EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO ACQUIRE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HAWK COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAIN, STORAGE EXHAUSTERS AND OTHER SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EXHAUSTERS TO HAWK COUNTY AND SHALL BE EXERCISED ON OR OVER THE SAID EXHAUSTERS AND RIGHTS OF WAYS FOR WHICH THIS 7 DAY OF FEBRUARY 2007.

SURVEYOR'S CERTIFICATE
I, MICHAEL FRAU, CERTIFY THAT THE FINAL PLAT SHOWING HEREON IS CORRECT, TRUE AND ACCURATE AND THAT I AM A LICENSED SURVEYOR IN THE STATE OF MARYLAND. I AM A LICENSED SURVEYOR IN THE STATE OF MARYLAND. I AM A LICENSED SURVEYOR IN THE STATE OF MARYLAND. I AM A LICENSED SURVEYOR IN THE STATE OF MARYLAND.

RECORDED AS PLAT NO. 19103 ON FEBRUARY 23, 2007
MADE BY THE LAND RECORDS OF HARMON COUNTY, MARYLAND.
CASTLEBERRY AT TEN OAKS
LOTS 1-45 & NON-BUILDABLE PRESERVATION
PARCELS A, C, D, E, AND BUILDABLE PRESERVATION
TAX MAP 22, SHEET 23, PARCELS 90 & 60
A RESUBDIVISION OF LOTS 6 & 7
OF THE PLAT OF TEN OAKS WAREFIELD, JR., ET AL.
TAX MAP 22, SHEET 20, PARCEL 591

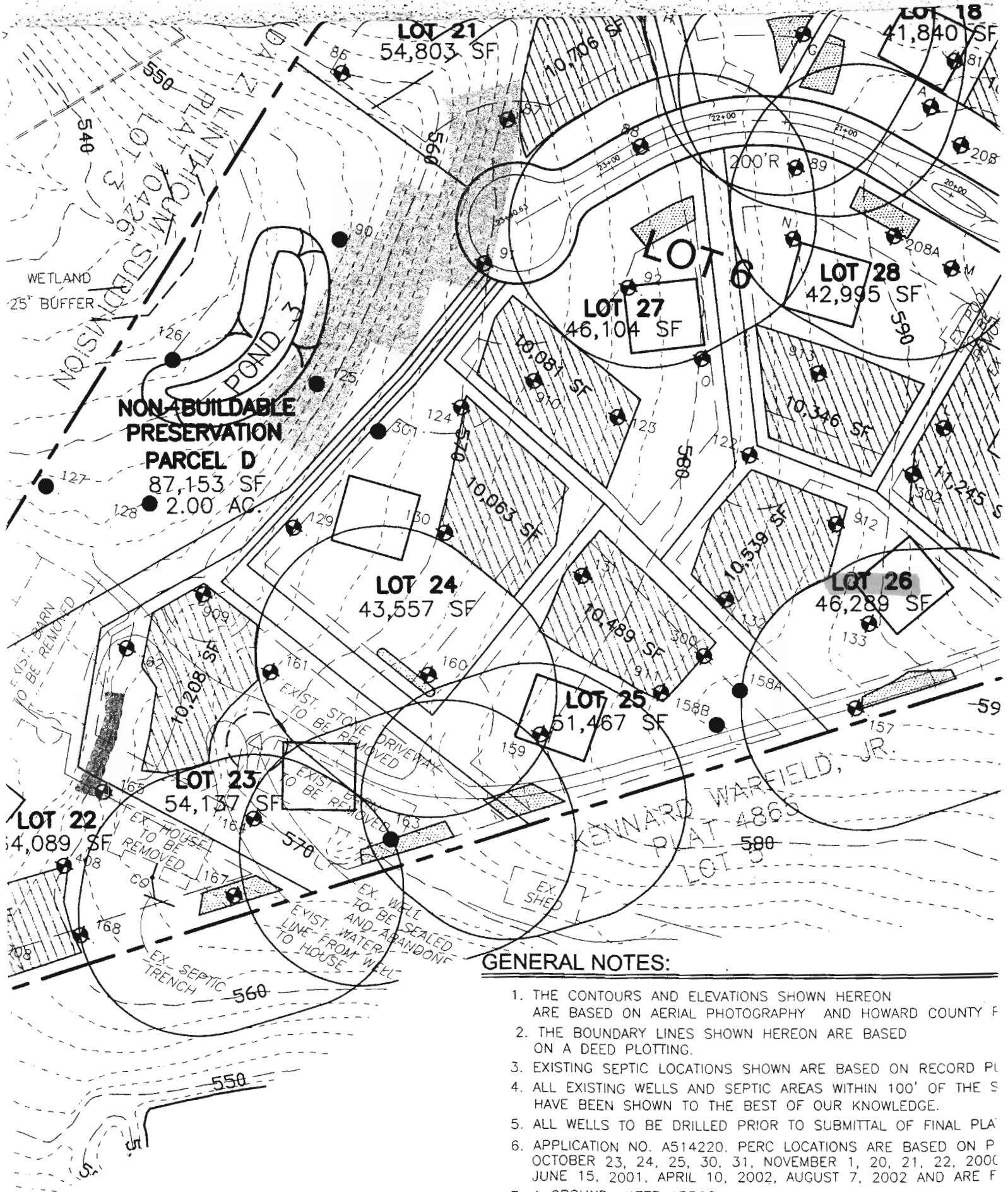
DATE: 3/2/07
DATE: 3/2/07
DATE: 3/2/07
DATE: 3/2/07

DATE: 3/2/07
DATE: 3/2/07
DATE: 3/2/07
DATE: 3/2/07

DATE: 3/2/07
DATE: 3/2/07
DATE: 3/2/07
DATE: 3/2/07

DATE: 3/2/07
DATE: 3/2/07
DATE: 3/2/07
DATE: 3/2/07

Signed Perc Cert



GENERAL NOTES:

1. THE CONTOURS AND ELEVATIONS SHOWN HEREON ARE BASED ON AERIAL PHOTOGRAPHY AND HOWARD COUNTY F
2. THE BOUNDARY LINES SHOWN HEREON ARE BASED ON A DEED PLOTTING.
3. EXISTING SEPTIC LOCATIONS SHOWN ARE BASED ON RECORD PL
4. ALL EXISTING WELLS AND SEPTIC AREAS WITHIN 100' OF THE S HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE.
5. ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF FINAL PLA
6. APPLICATION NO. A514220. PERC LOCATIONS ARE BASED ON P OCTOBER 23, 24, 25, 30, 31, NOVEMBER 1, 20, 21, 22, 2000 JUNE 15, 2001, APRIL 10, 2002, AUGUST 7, 2002 AND ARE F
7. A GROUND WATER