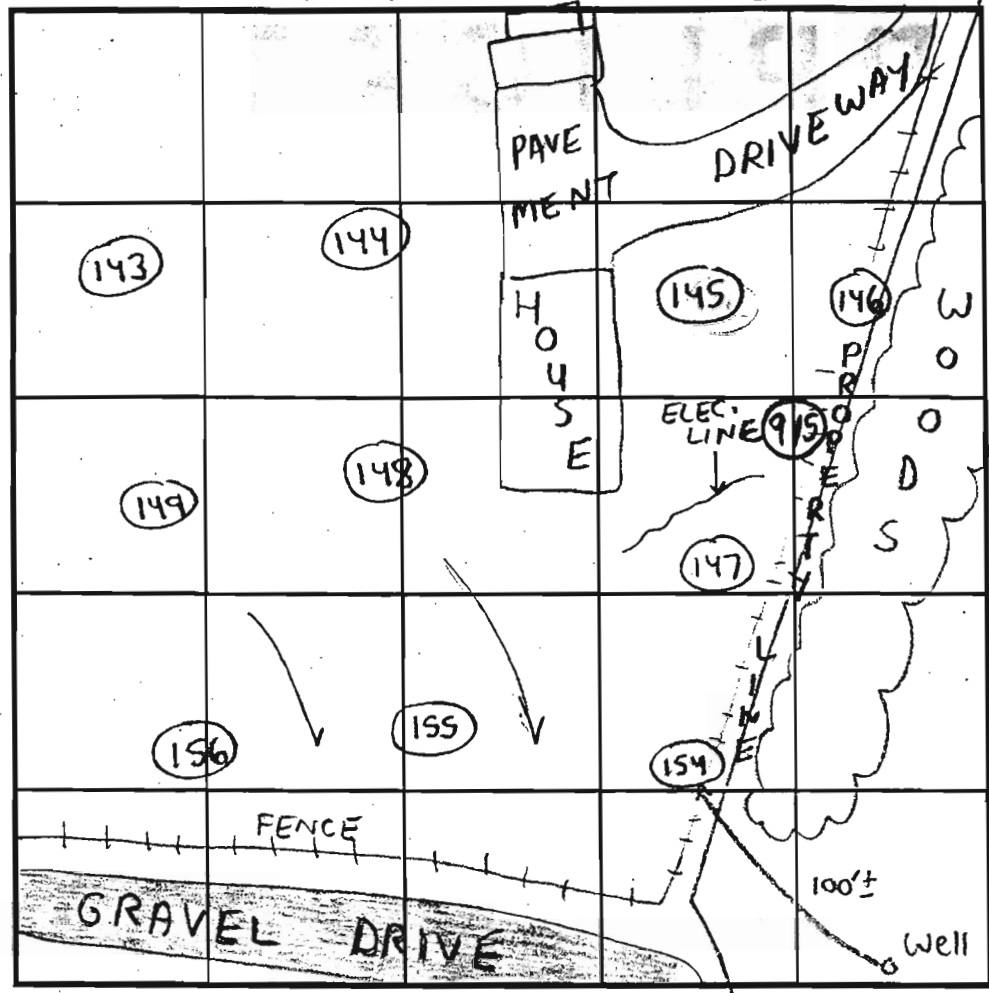


NOT TO SCALE



COUNTY #
 SOIL PROFILE 154
 0' Topsoil
 4" orange-brown clay
 3'5" orange-brown clay loam
 4'5" tan-light brown loam
 20-40% micaceous saprolite
 SCHIST
 13'

SOIL PROFILE 145
 0' Topsoil
 3" orange-brown clay
 4' orange-brown clay loam
 6' tan loam
 5-20% saprolite
 SCHIST
 13'

148
 3" Topsoil
 red-brown clay
 4' red-brown loam
 10-30% saprolite
 SCHIST
 13'

147
 4" Topsoil
 orange-brown clay
 4' tan loam
 20-30% saprolite
 SCHIST
 13'2"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/1/00	154	4'10" T / 13' V	2:12pm	2:13pm	2:15pm	2:21pm	8min	OK
	148	3'10" T / 13' V	2:30pm	2:33pm	2:33pm	2:37pm	4min	OK
	147	5' T / 13'2" V	2:38pm	2:40pm	2:40pm	2:42pm	2min	OK
		NOT DUG	AS ON PLAN	BECAUSE OF	ELEC LIN.			OK
	145	5'8" T / 13' V	2:47pm	2:55pm	2:55pm	3:25pm	30min	OK
	146	4' T / 13' V	2:57pm	3:01pm	3:01pm	3:05pm	4min	OK
	SEE	SOIL PROFILE FOR	147.					

REMARKS: Hole 107 not dug on 11/1/00, Depth of Clay layer varies
 TYPE OF SOIL: Chester
 TESTED BY: Steven R. Krieg, Chops Atkins - Posthole, Robert Fyock - Backhoe, ALSO PRESENT Jack Fyock Frequent

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

NOT TO SCALE

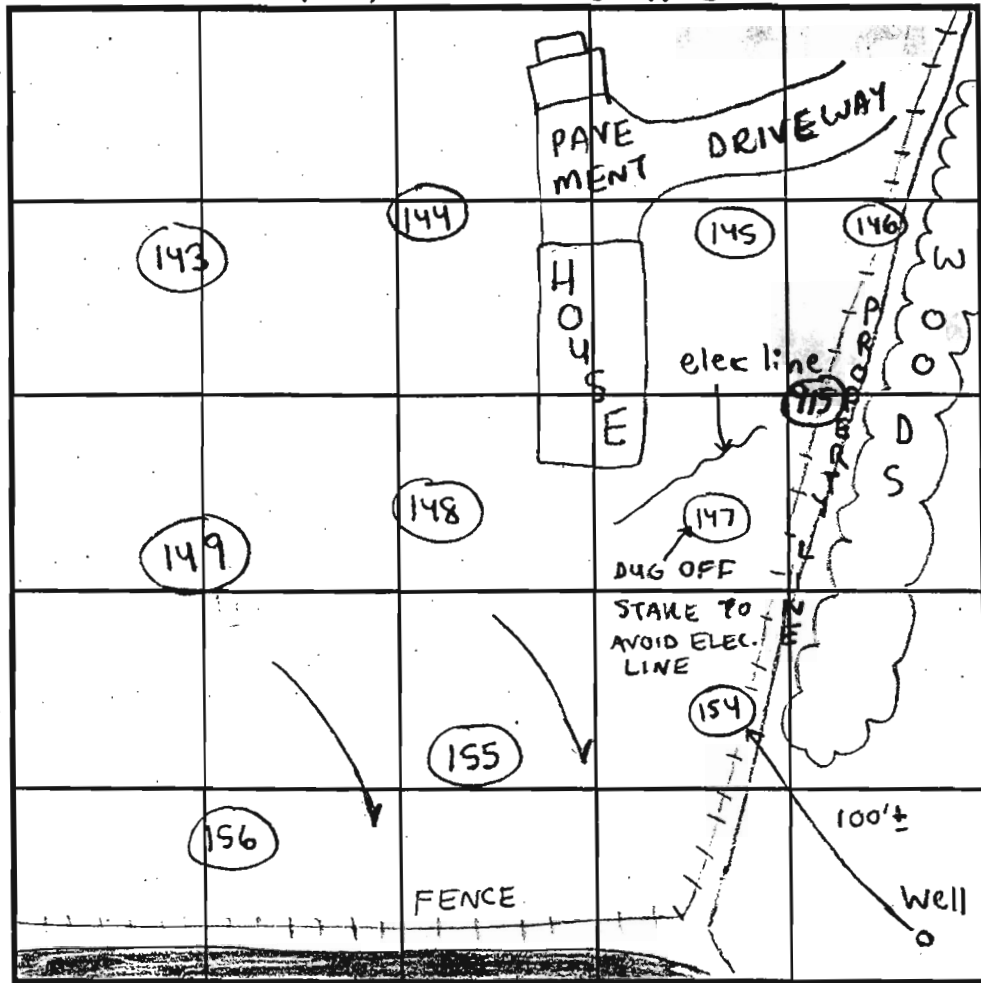
COUNTY #

SOIL PROFILE

0' 143
 4" Topsoil
 red-brown clay
 3' orange-brown clay loam
 5' tan brown loam
 20-40% Saprolite micaceous SCHIST
 13'4"

4" 144
 Topsoil
 red-brown clay
 4' tan-brown loam
 10-20% Saprolite micaceous SCHIST
 13'

4" 149
 Topsoil
 red-brown clay
 4'5" tan-light brown loam
 Saprolite micaceous 25-35% SCHIST
 13'1"



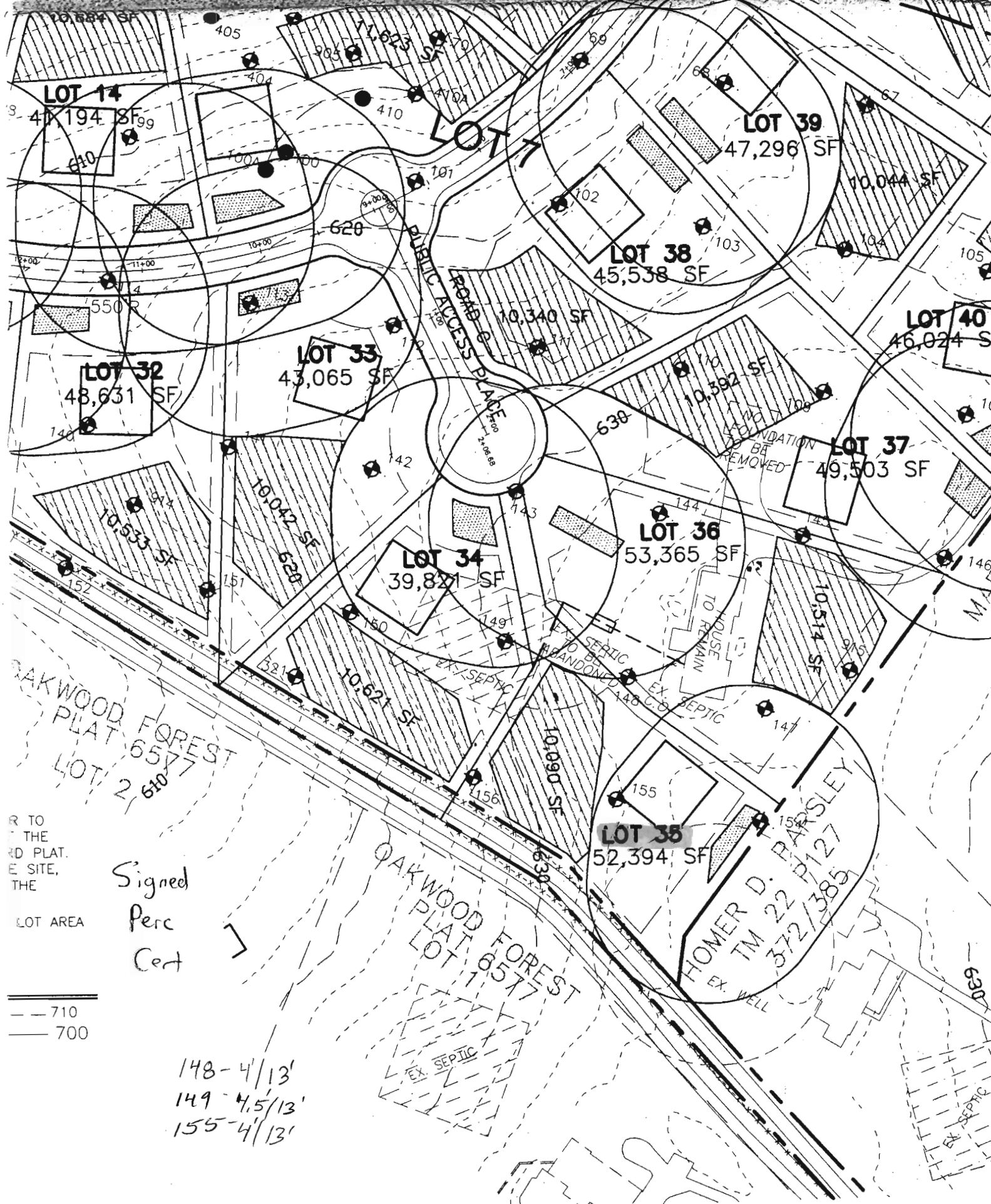
SOIL PROFILE

0' 156
 3" Topsoil
 red-brown clay
 4' tan loam
 20-35% Saprolite micaceous SCHIST
 13'2"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/1/00	143	4'4" T / 13'4" V	12:51pm	1:04pm	1:04pm	1:30pm	26min	OK
	144	4'8" T / 13' V	1:14pm	1:16pm	1:16pm	1:18pm	2min	OK
	149	4'11" T / 13'1" V	1:24pm	1:25pm	1:25pm	1:27pm	2min	OK
	156	4'8" T / 13'2" V	1:41pm	1:43pm	1:43pm	1:45pm	2min	OK
	155	3'10" T / 13'3" V	2:03pm	2:04pm	2:04pm	2:06pm	2min	OK
	SEE	SOIL	PROFILE	FOR	156			

REMARKS: Depth of Clay layer variable
 TYPE OF SOIL: Chesster
 TESTED BY: Steven R. Krieg, Chops Atkins - Posthole, Robert Fyech - Backhoe
 ALSO PRESENT: Jack Fyoch, Frequenti
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



LOT 14

41,194 SF

LOT 7

LOT 39

47,296 SF

LOT 38

45,538 SF

LOT 33

43,065 SF

LOT 32

48,631 SF

LOT 37

49,503 SF

LOT 34

39,821 SF

LOT 36

53,365 SF

LOT 35

52,394 SF

OAKWOOD FOREST
 LOT 2 6107

OAKWOOD FOREST
 LOT 1 6577

HOMER D. PARSLEY
 TM 22 P127
 372/385

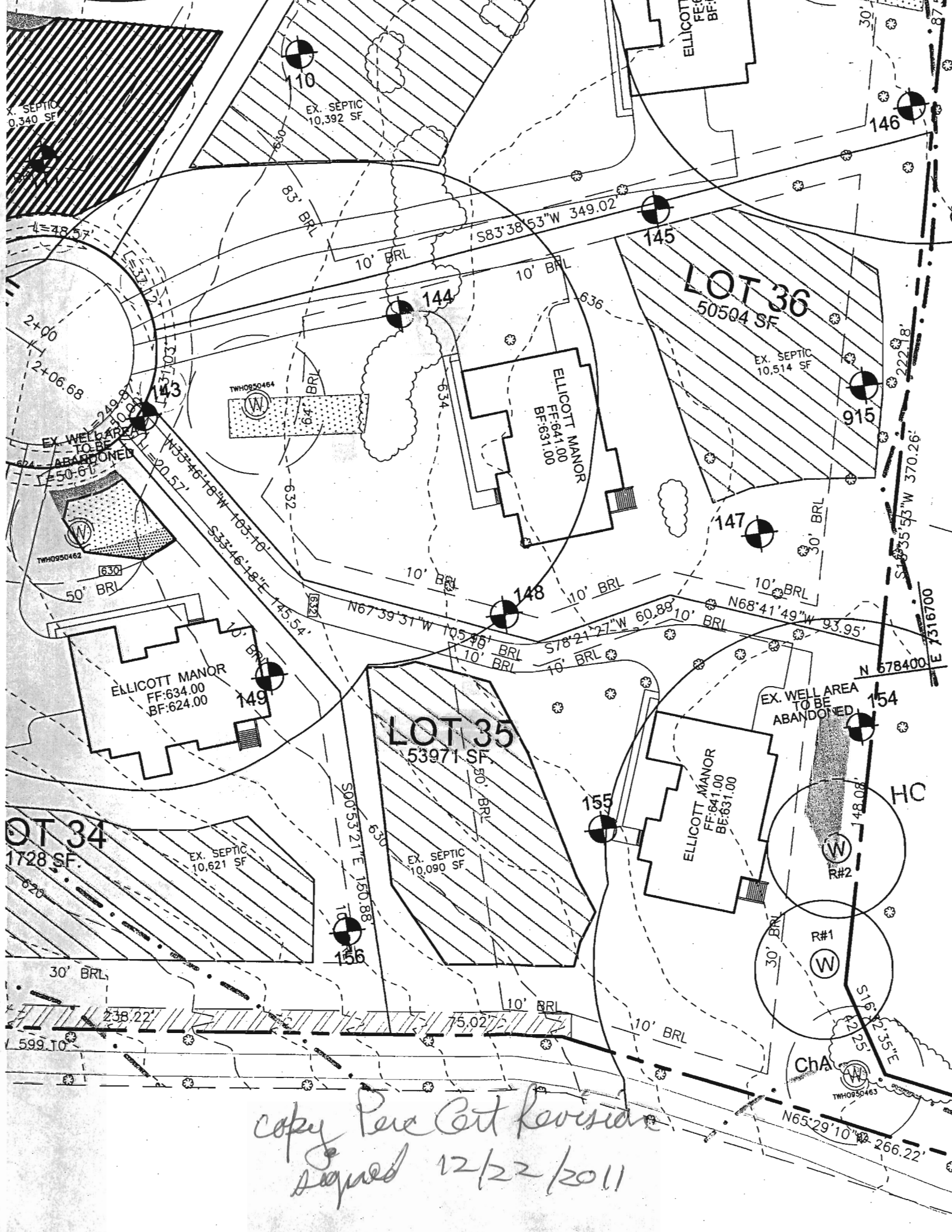
Signed
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 Cert

R TO
 THE
 RD PLAT.
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 THE

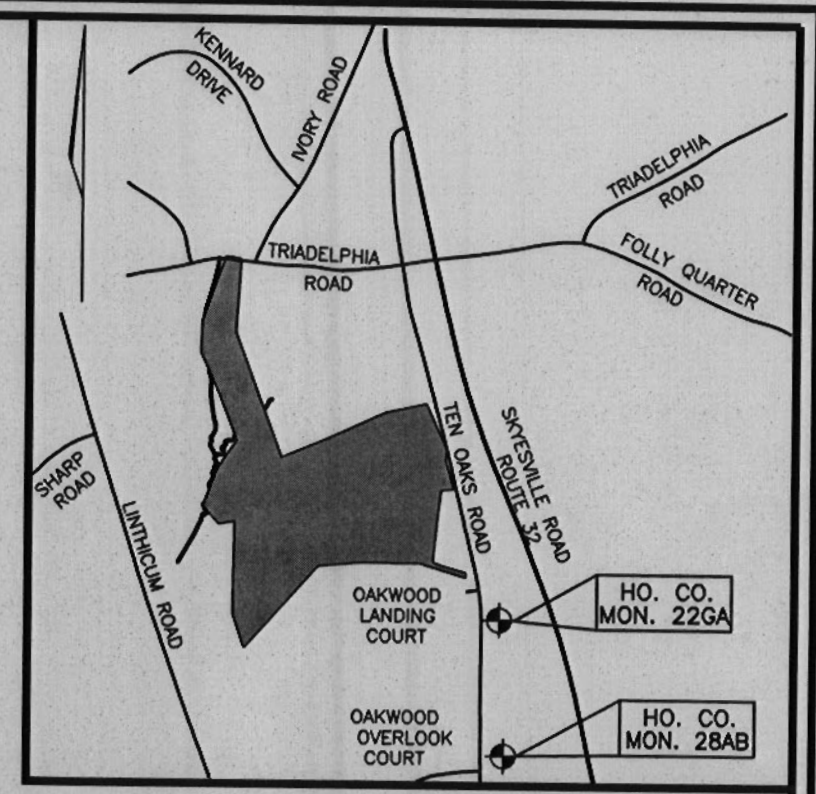
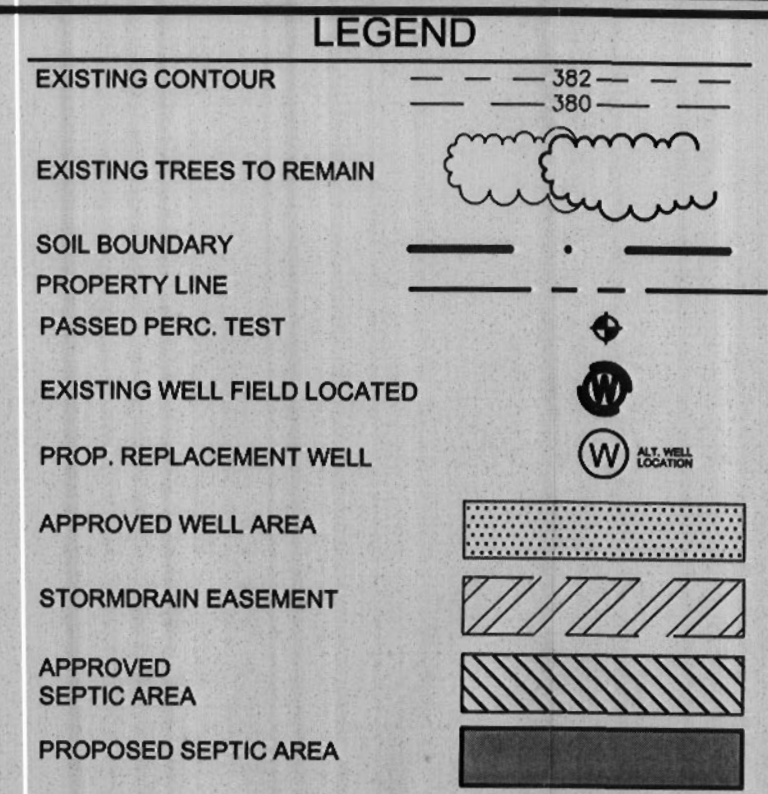
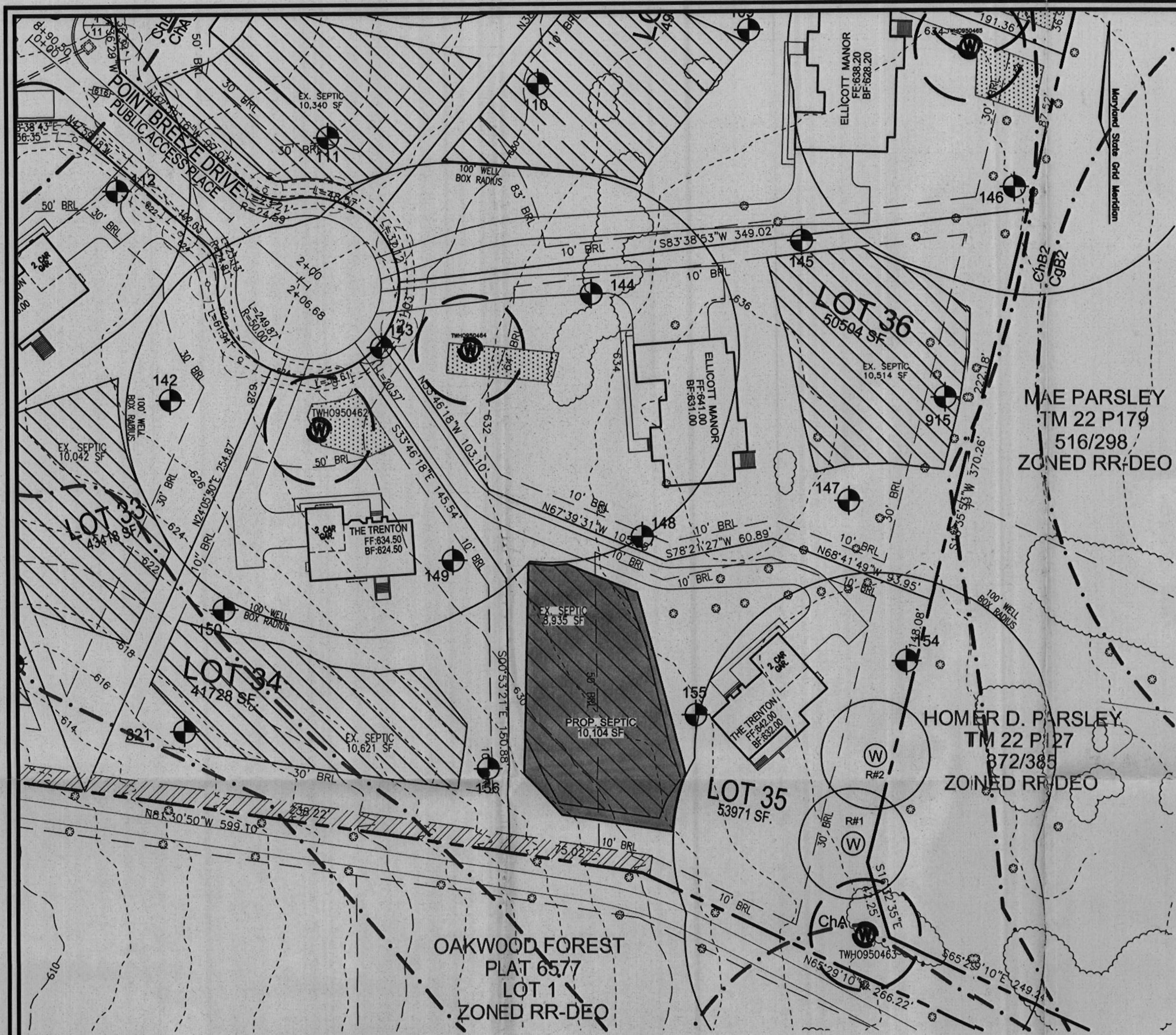
LOT AREA

--- 710
 ——— 700

148-4/13'
 149-4.5/13'
 155-4/13'



copy Per Cart Revision
 Signed 12/22/2011



VICINITY MAP
SCALE: 1"=2000'

ADC MAP: 4813, A9-A10, B9-B10, C9-C10

GENERAL NOTES:

1. THE PROPERTY OUTLINE IS BASED ON A BOUNDARY SURVEY PREPARED BY FREDERICK WARD ASSOC., DATED NOVEMBER 2002.
2. THE TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL TOPOGRAPHIC SURVEY PREPARED BY POTOMAC AERIAL SURVEYS.
3. ALL EXISTING WELLS SHOWN HEREON HAVE BEEN FIELD LOCATED.
4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
5. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
6. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

OWNER

CASTLEBERRY AT TEN OAKS, L.L.C.
3675 PARK AVENUE, SUITE 301
ELLICOTT CITY, MARYLAND 21043
(410) 740-9401

DEVELOPER

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3675 PARK AVENUE, SUITE 301
ELLICOTT CITY, MARYLAND 21043
(410) 740-9401

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChA	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES	B
ChB2	CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES	B
GIB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B
GIC2	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B
GIC3	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B

NOTE: HOWARD SOIL SURVEY PAGE 17.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A REVISED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEM.

NOTE: THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO REVISE THE SEPTIC AREA ON LOT 35 IN ORDER TO COMPLY WITH THE MINIMUM EASEMENT REQUIREMENTS OF 10,000 SQUARE FEET

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 M. Hoffman, Jr.
THOMAS M. HOFFMAN, JR.
LAND SURVEYOR No. 267
DATE 12-10-12

Approved for Maury Rossman
COUNTY HEALTH OFFICER
DATE 12/19/2012

REVISED PERCOLATION CERTIFICATION PLAN

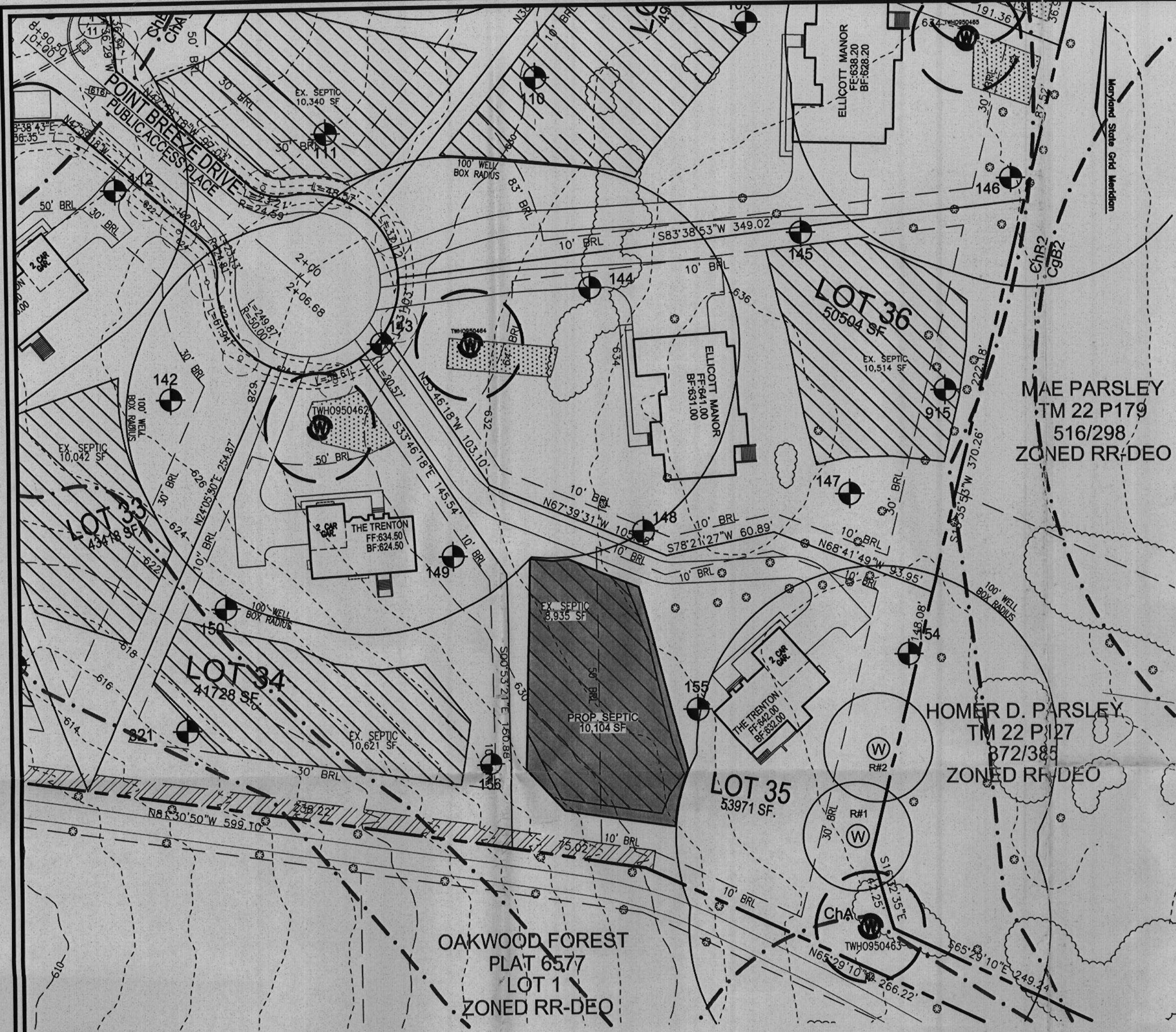
CASTLEBERRY AT TEN OAKS
LOT 35

TAX MAP 22
5TH ELECTION DISTRICT

PARCEL 60, LOTS 6 & 7 KEN WARFIELD
SUBDIVISION, AND P/O PARCEL 90
HOWARD COUNTY, MARYLAND

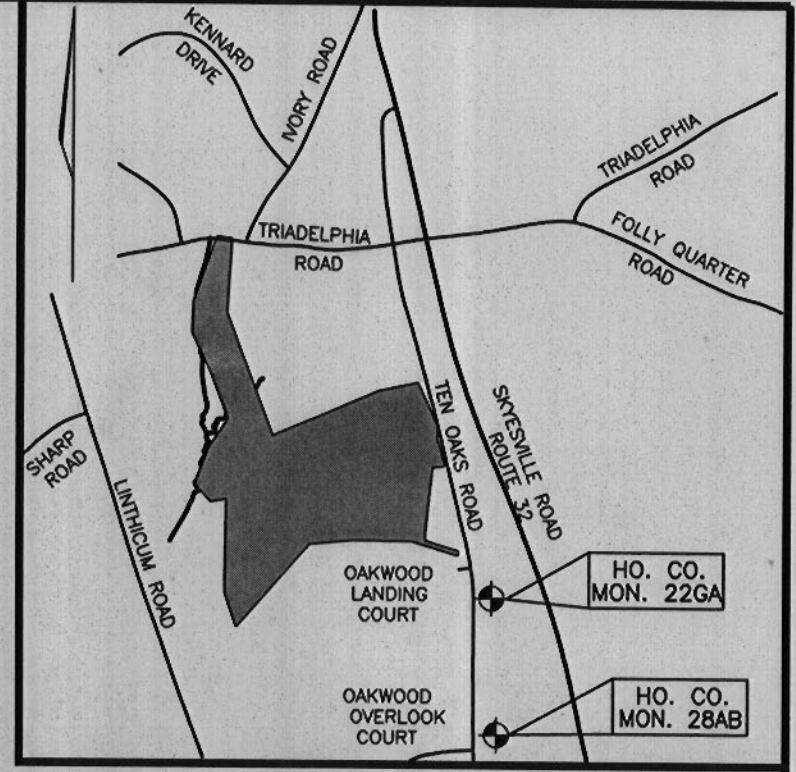
ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELLICOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.8961

DESIGN BY: RHV
DRAWN BY: JMR
CHECKED BY: RHV
DATE: DECEMBER, 2012
SCALE: 1"=50'
W.O. NO.: 2017085



LEGEND

- EXISTING CONTOUR 382
380
- EXISTING TREES TO REMAIN
- SOIL BOUNDARY
- PROPERTY LINE
- PASSED PERC. TEST
- EXISTING WELL FIELD LOCATED
- PROP. REPLACEMENT WELL
- APPROVED WELL AREA
- STORMDRAIN EASEMENT
- APPROVED SEPTIC AREA
- PROPOSED SEPTIC AREA



VICINITY MAP
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Thomas M. Hoffman, Jr.
THOMAS M. HOFFMAN, JR.
LAND SURVEYOR No. 267
12-10-12
DATE

B. W. W. for Maura Rossman
COUNTY HEALTH OFFICER
12/19/2012
DATE

REVISED PERCOLATION CERTIFICATION PLAN
CASTLEBERRY AT TEN OAKS
LOT 35

TAX MAP 22
5TH ELECTION DISTRICT
PARCEL 60, LOTS 6 & 7 KEN WARFIELD
SUBDIVISION, AND P/O PARCEL 90
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