

Bureau of Environmental Health
 7178 Gateway Drive Columbia, MD 21046
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/17/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544409-A

INSTALLATION APPROVAL DATE: 6/3/2011 **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 4011 Candle Light Drive

SUBDIVISION: Castleberry at Ten Oaks LOT: 43 TAX ID: 05-447445

CONTRACTOR: Trinity Quality Homes EMAIL: _____

CONTRACTOR ADDRESS: 3675 Park Avenue Ste 301, Ellicott City, MD 21043 PHONE: 410-480-0023

PROPERTY OWNER: Trinity Quality Homes EMAIL: _____

OWNER ADDRESS: 3675 Park Avenue Ste 301, Ellicott City, MD 21043 PHONE: 443-324-9806

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: 721

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. 5,910 APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>103.33 140'</u>	INLET DEPTH: <u>4.5'</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8.7'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 103.33 feet of trench on contour per layout inspection. <u>44, 47, 49'</u>	

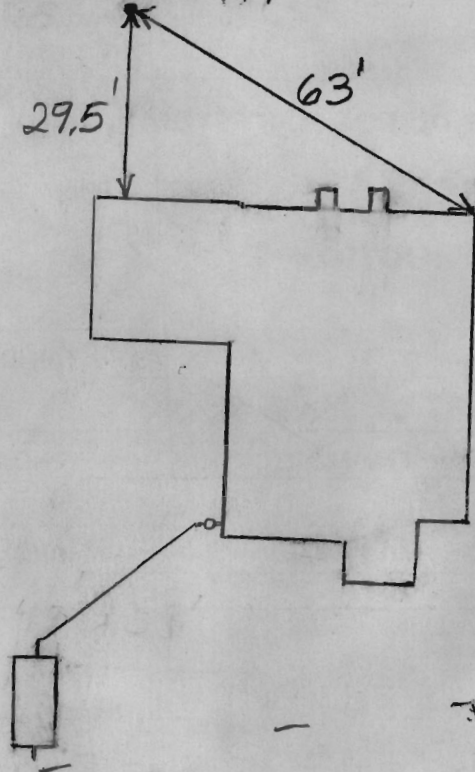
ISSUED BY: Dana Bernard ISSUE DATE: 1/23/13 EXPIRATION DATE: 12/17/13

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

H0-95-0471



ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	5'	7'

NUMBER OF TRENCHES 3
 TOTAL LENGTH 146'
 ABSORPTION AREA 438 + Sidewall
 DISTRIBUTION BOX LEVEL Levelers
 DISTRIBUTION BOX BAFFLE Yes
 DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes
 MANUFACTURER Babylon
 CAPACITY 2000 GAL
 SEAM LOC Top
 TANK LID DEPTH 2-2.5
 BAFFLES Yes
 BAFFLE FILTER No
 MANHOLE LOC Front
 6" PORT LOC Rear
 WATERTIGHT TEST No
 SLOTTED Yes
 DATE ON LID 4/14/13

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER _____
 CAPACITY _____ GAL
 SEAM LOC _____
 TANK LID DEPTH _____
 BAFFLES _____
 BAFFLE FILTER _____
 MANHOLE LOC _____
 6" PORT LOC _____
 WATERTIGHT TEST _____
 SLOTTED _____
 DATE ON LID _____

PRE-CONSTRUCTION:

5/28/2013

INSTALLATION:

5/31/2013

6/3/2013 System finished. O.K. to backfill. BB

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

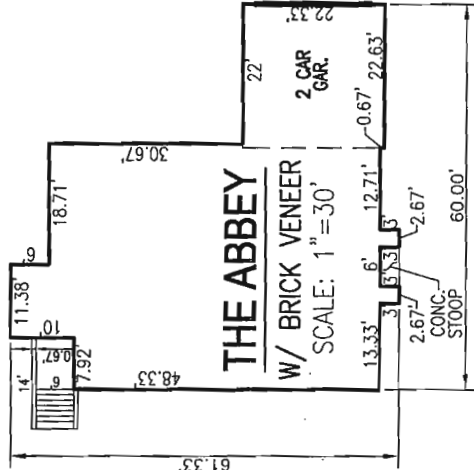
6/3/2011

THE EXISTING WELL SHOWN ON LOT 43 TAG NO. 95-0471 HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC., AND IS ACCURATELY SHOWN.

BUILDING OF LOT 43 FLOOR AREAS:
 BASEMENT FLOOR AREA: 1980
 FIRST FLOOR AREA: 2010
 SECOND FLOOR AREA: 1920
 BEDROOMS: 4

NOTE: STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY 2 MICRO-POOL EXTENDED DETENTION PONDS AND ONE BIO-RETENTION FACILITY APPROVED UNDER F-06-130

BUILDING PERMIT NO. _____



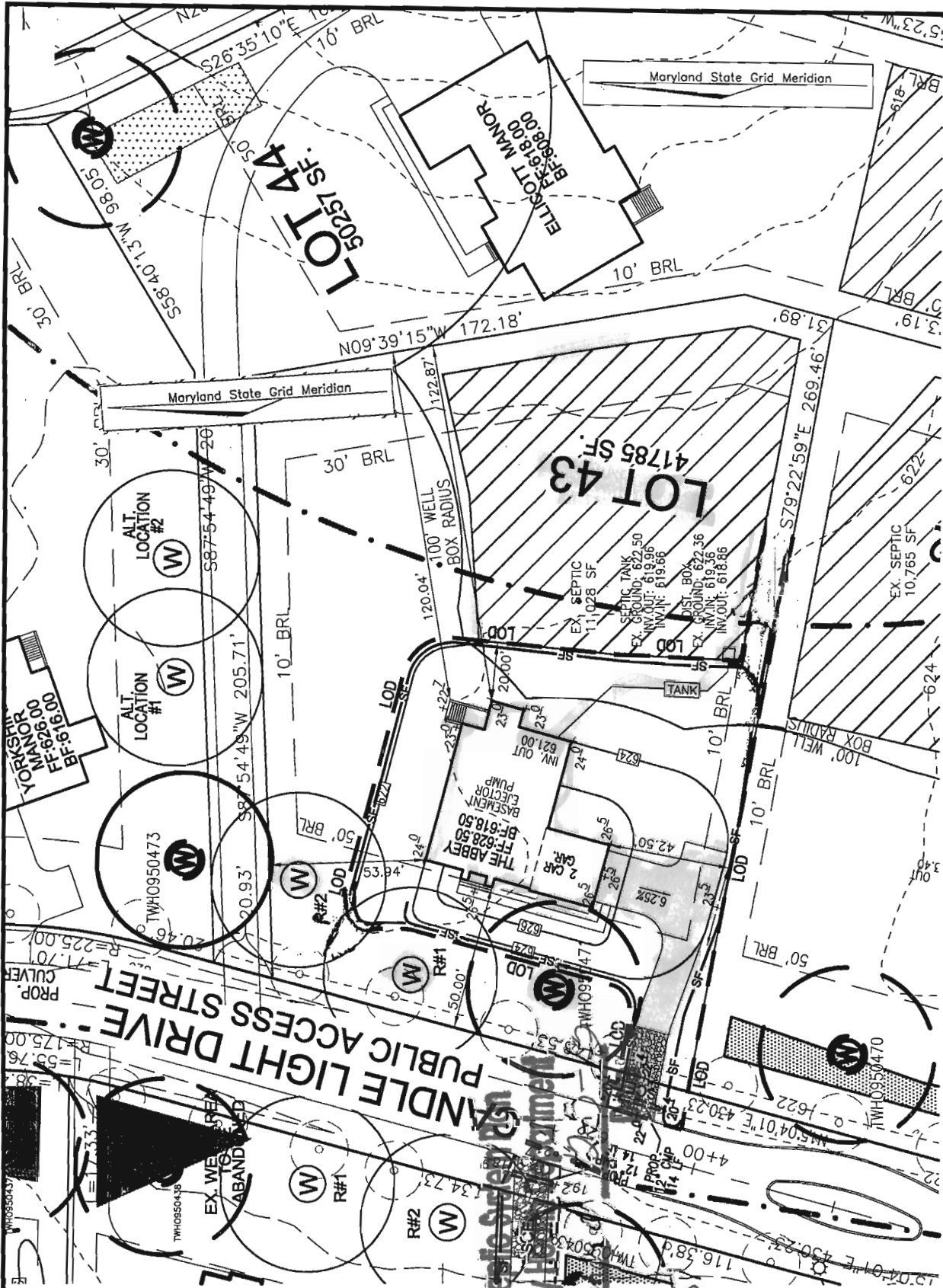
**PLOT PLAN
 CASTLEBERRY AT
 TEN OAKS**

LOT 43

REF: F-06-130
 TAX MAP 22 PARCEL 90
 BLOCK 19
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: NOVEMBER 2012
 PROJECT #: 2017085
 SHEET#: 1 OF 1

Approved Septic System
 Howard County Health Department
Signature
 B120035



SCALE
 1"=50'

**ROBERT H. VOGEL
 ENGINEERING, INC.**
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLICOTT CITY, MD 21043
 TEL: 410.461.7666
 FAX: 410.461.5961

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

ADDRESS
 4011 CANDLELIGHT DR.
 DAYTON, MD 21036
 GP: 10-41

THE EXISTING WELL SHOWN ON LOT 43 TAG NO. 95-0471 HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC., AND IS ACCURATELY SHOWN.

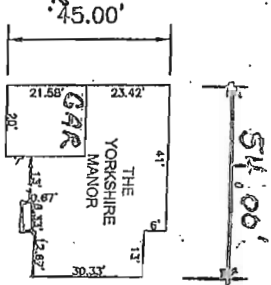
BUILDING OF LOT 43 FLOOR AREAS:
 BASEMENT FLOOR AREA: 1580
 FIRST FLOOR AREA: 1605
 SECOND FLOOR AREA: 1495
 BEDROOMS: 4

NOTE: STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY 2 MICRO-POOL, EXTENDED DETENTION PONDS AND ONE BIO-RETENTION FACILITY APPROVED UNDER F-06-130

BUILDING PERMIT NO. _____

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

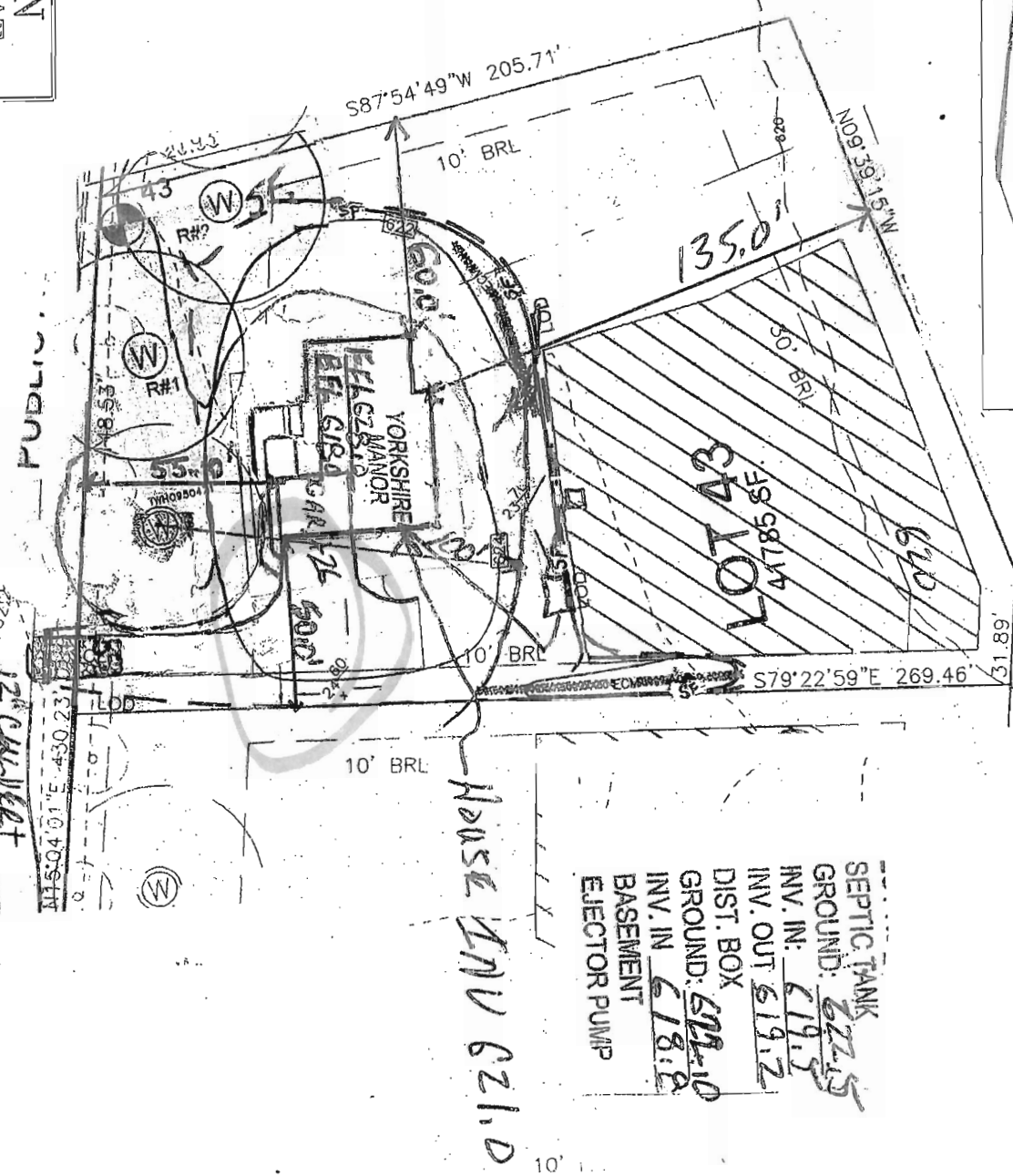
ADDRESS
 4011 CANDLER/GAT DR.
 DAYTON, MD 21036
 GP: 10-41



SCALE: AS SHOWN
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: MAY 2012
 PROJECT #: 2017085
 SHEET #: 1 OF 1

PILOT PLAN
 CASTLEBERRY AT
 TEN OAKS
 LOT 43
 REF: F-06-130
 TAX MAP 22 PARCEL 90
 BLOCK 19
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

Maryland State Grid Meridian



SEPTIC TANK
 GROUND: 622.15
 INV. IN: 619.15
 INV. OUT: 619.12
 DIST. BOX
 GROUND: 619.10
 INV. IN: 618.18
 BASEMENT
 EJECTOR PUMP

HOUSE INV 621.0

SCALE
 1"=50'

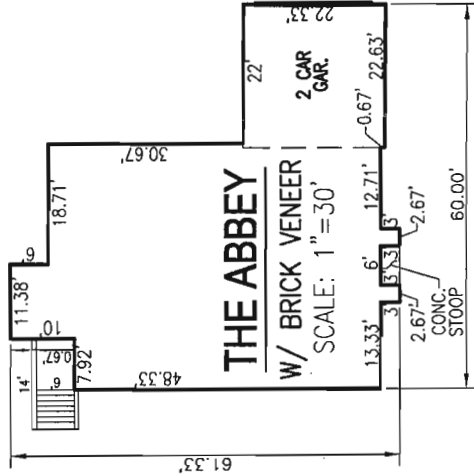
ROBERT H. VOGEL
ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLICOTT CITY, MD 21043
 TEL 410.461.7666
 FAX 410.461.8961

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BUILDING OF LOT 43 FLOOR AREAS:
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 FIRST FLOOR AREA: 2010
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BUILDING PERMIT NO. _____



REVISED
 Date: 12/31/2012
 Comments: Blot 202351

**PLOT PLAN
 CASTLEBERRY AT
 TEN OAKS**

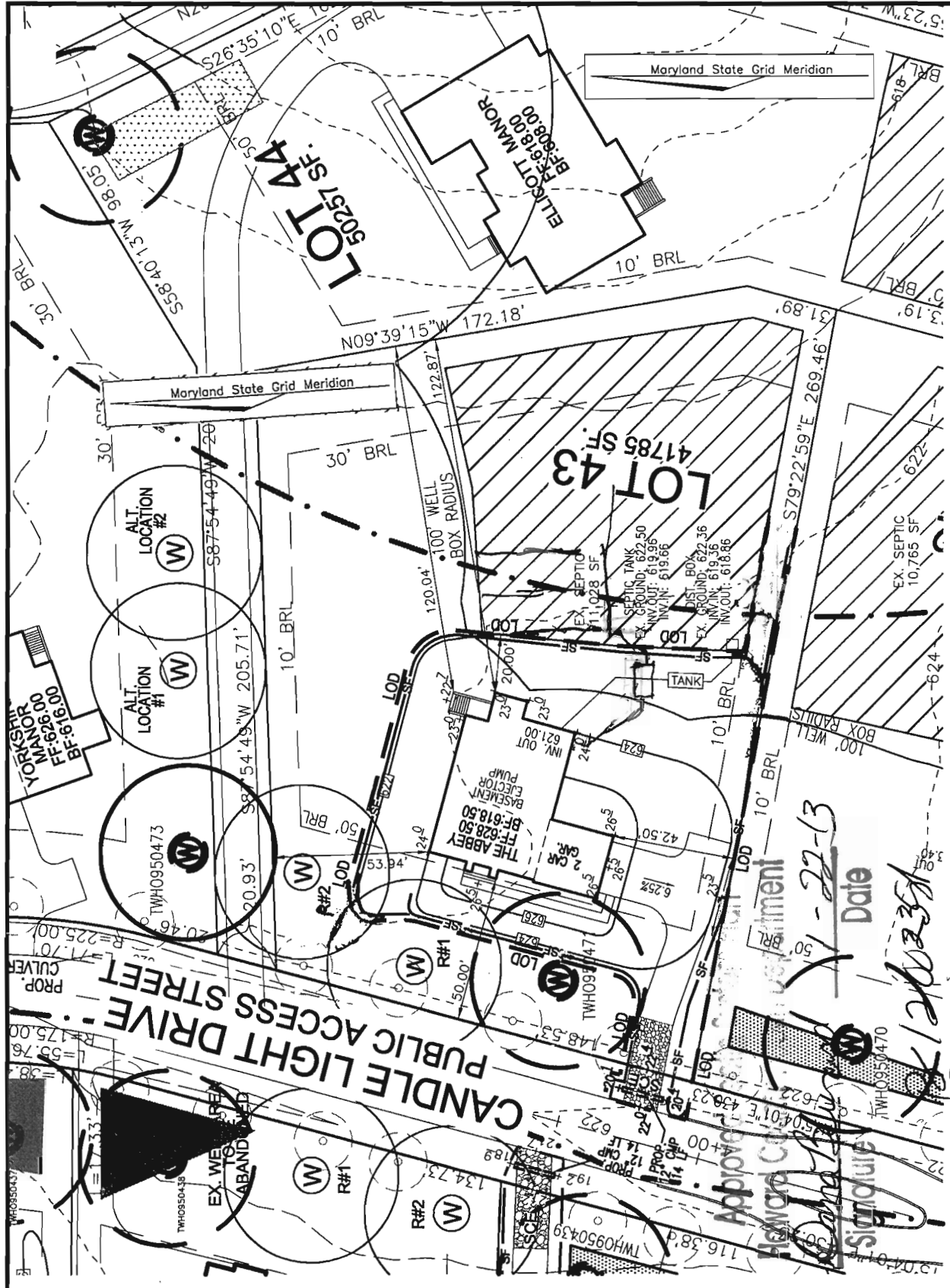
LOT 43
REF: F-06-130
 TAX MAP 22, PARCEL 90
 BLOCK 19
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: NOVEMBER 2012
 PROJECT #: 2017085
 SHEET#: 1 OF 1

**ROBERT H. VOGEL
 ENGINEERING, INC.**
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLICOTT CITY, MD 21043
 TEL: 410.461.2666
 FAX: 410.461.5561

Paulson dk

Signature
Date 1-22-13



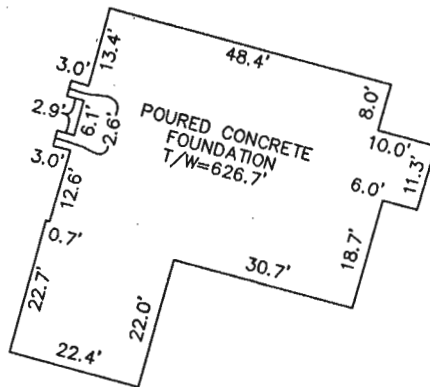
SCALE
 1"=50'

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

ADDRESS
 4011 CANDELIGHT DR.
 DAYTON, MD 21036
 GP: 10-41

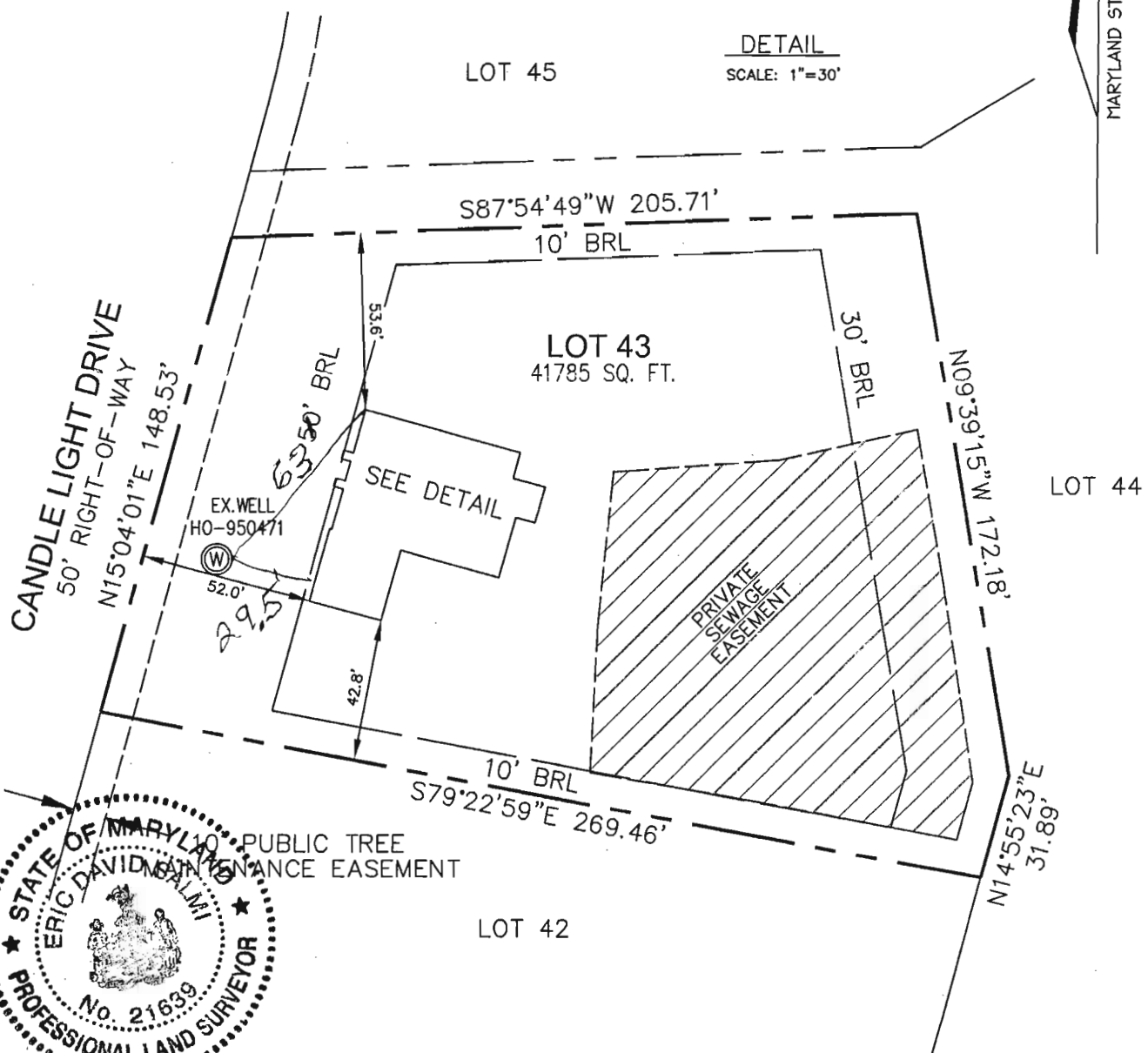
THIS WALL CHECK DRAWING CONTAINS A HORIZONTAL TOLERANCE IN ACCURACY OF 0.1' AND A VERTICAL TOLERANCE IN ACCURACY OF 0.2'

CB 43



DETAIL
SCALE: 1"=30'

MARYLAND STATE GRID MERIDIAN (NAD83/91)



I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

PROFESSIONAL CERTIFICATION; I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21639, EXPIRATION DATE JANUARY 3, 2014.

Eric D. Salmi
ERIC D. SALMI, PROFESSIONAL LAND SURVEYOR, NO. 21639 DATE *3/1/2013*

BUILDING PERMIT # B12002351

SCALE 1"= 50'	DATE 02/26/13	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLCOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING 4011 CANDLE LIGHT DRIVE LOT 43 CASTLEBERRY AT TEN OAKS PLAT No. 19099 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY B.D.A.	CHECKED BY E.D.S.		
PLAT NUMBER 19096-19109	JOB NUMBER 00-85.00		



MARYLAND PUBLIC TREE
LANDS BY FINANCE EASEMENT

DRIVE
RIGHT-OF-WAY
N15°04'01"E 148.53'

EX. WELL
HO-950471

50' BRL

42.8'

SEE DETAIL

10' BRL
S79°22'59"E 269.46'

LOT 42

LOT 43
41785 SQ. FT.

10' BRL

PRIVATE
SEWAGE
EASEMENT

30' BRL

N09°39'15"W 172.18'

N14°55'23"E
31.89'

LOT 44

201 04 49 W 200.71