

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 54457-T

INSTALLATION APPROVAL DATE: 10/22/2013

**PERMIT
CONSTRUCTION**

A _____

PROPERTY ADDRESS: 13805 Point Breeze Drive
 SUBDIVISION: Castleberry at Ten Oaks LOT: 37 TAX ID: _____
 CONTRACTOR: Trinity Quality Homes EMAIL: _____
 CONTRACTOR ADDRESS: 3675 Park Avenue, Ellicott City, MD 21043 PHONE: 410-812-3826
 PROPERTY OWNER: Trinity Quality Homes EMAIL: _____
 OWNER ADDRESS: Same as above PHONE: _____

SEPTIC TANK SIZE (GALLONS): _____
 PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: _____
 NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. 4,900 APPLICATION RATE: _____
 DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>100' 104'</u>	INLET DEPTH: <u>3 5'</u>
	TRENCH WIDTH: <u>2 3'</u>	MAXIMUM BOTTOM DEPTH: <u>8 7'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4.5</u>
LOCATION:	PER APPROVED SITE PLAN, SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per plan oriented toward center of SDA. Set distribution box at top center of SDA. Install 2 x 50' trenches on contour, one to each side of d-box. *Install trenches in far upper portion of SDA. Must be at least 200' from well on lot 38.	

ISSUED BY: Robert Bricker ISSUE DATE: 7-31-13 EXPIRATION DATE: _____

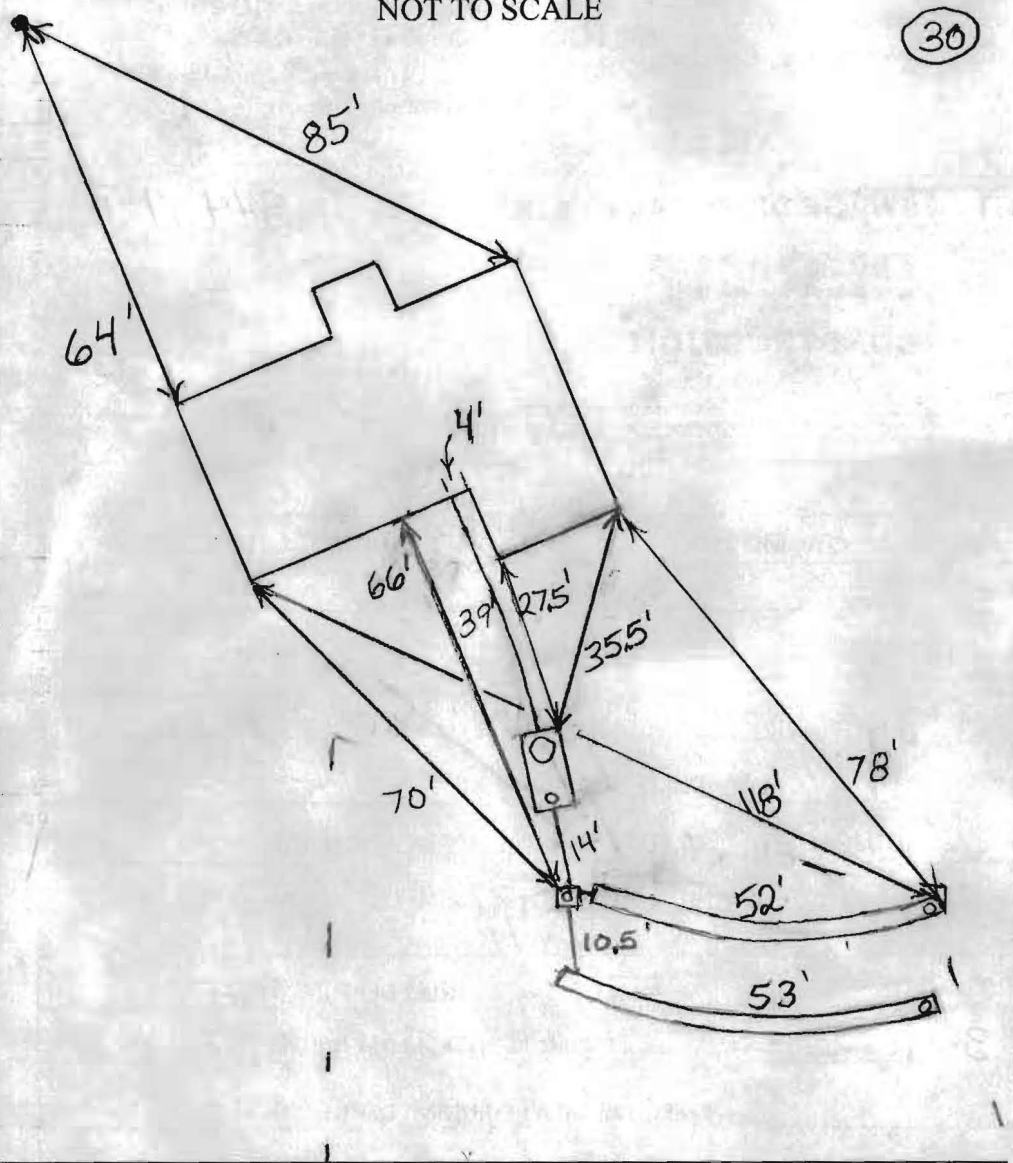
- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- 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.**

40-95-0465

NOT TO SCALE

(30)



ROAD NAME

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4.5'	7'
NUMBER OF TRENCHES 2		
TOTAL LENGTH 105'		
ABSORPTION AREA 263		
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	1-1.5
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	Dry
PUMP/SEPTIC TANK LEVEL N/A	
MANUFACTURER	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION: 9/3/2013 Layout done, (BB)

INSTALLATION: 9/5/2013 Tank and dist. box installed. Need house connection. Top trench done. (BB)

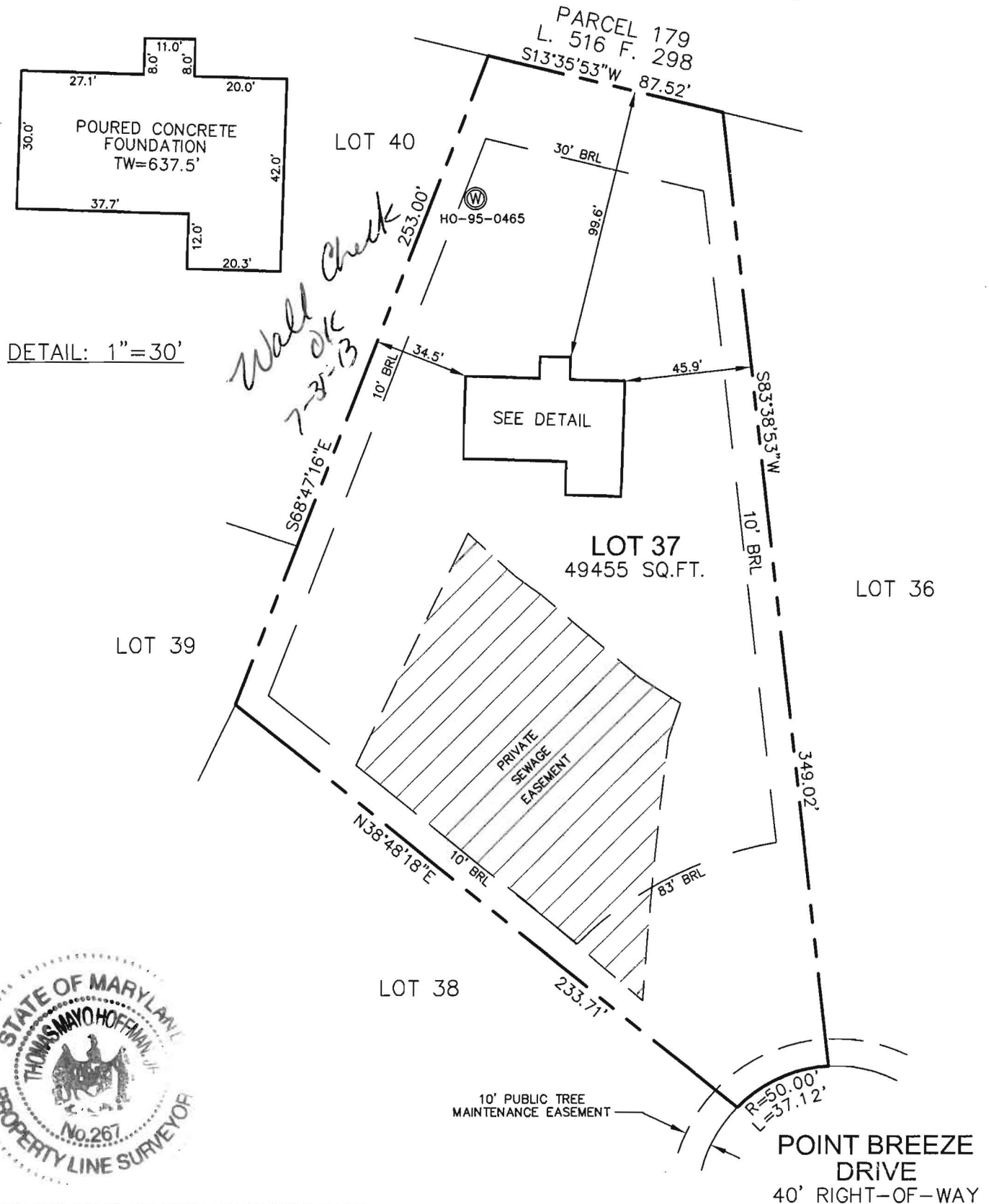
9/7/2013 Need house connection, Everything else finished (BB)

10/22/2013 House connection made (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 10/22/2013

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

MARYLAND STATE GRID MERIDIAN (NAD83/91)



DETAIL: 1"=30'



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.

Thomas M. Hoffman Jr.

7-31-13

THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE

PROFESSIONAL CERTIFICATION; I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 267, EXPIRATION DATE JULY 28, 2014.

B.P.# B12002175

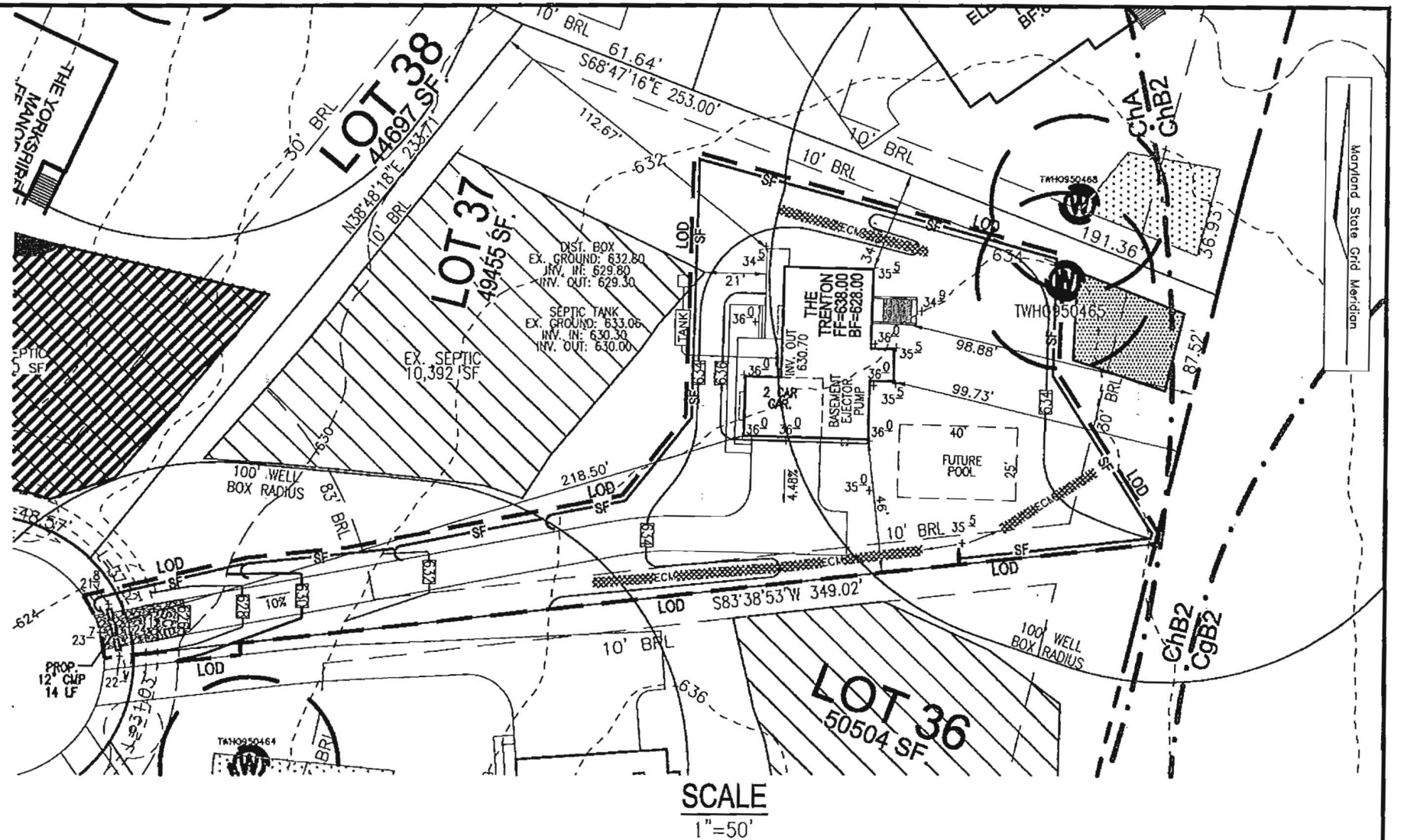
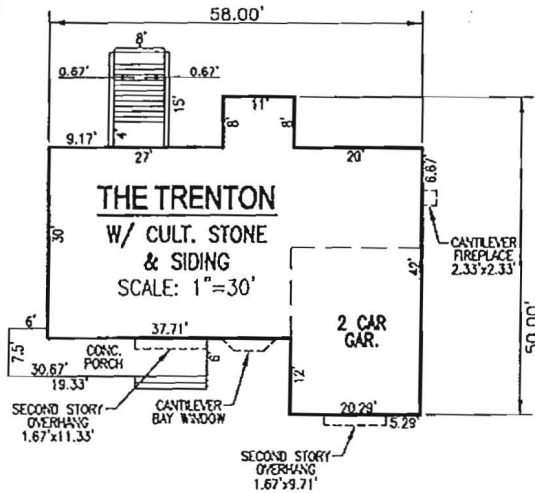
SCALE 1"= 50'	DATE 07/30/13	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLCOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING 13805 POINT BREEZE DRIVE LOT 37 CASTLEBERRY AT TEN OAKS PLAT No. 19100 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY A.M.S.	CHECKED BY T.M.H.		
PLAT NUMBER 19096-19109	JOB NUMBER 00-85		

THE EXISTING WELL SHOWN ON LOT 37 TAG NO. 95-0465 HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC., AND IS ACCURATELY SHOWN.

BUILDING OF LOT 37 FLOOR AREAS:
 BASEMENT FLOOR AREA: 1490
 FIRST FLOOR AREA: 1540
 SECOND FLOOR AREA: 1870
 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. _____



SCALE: AS SHOWN
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: FEBRUARY 2013
 PROJECT #: 2017085
 SHEET#: 1 OF 1

**PLOT PLAN
 CASTLEBERRY AT
 TEN OAKS
 LOT 37**

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

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

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

ADDRESS
 13805 POINT BREEZE DR.
 DAYTON, MD 21036
 GP: 10-68