

RECEIPT DATE: \_\_\_\_\_

P 54409

INSTALLATION APPROVAL DATE: \_\_\_\_\_

# PERMIT

A \_\_\_\_\_

## ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

PROPERTY OWNER: Trinity Quality Homes

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

ADDRESS: 4055 Candle Light Drive TAX ACC'T #: \_\_\_\_\_

SUBDIVISION: Castleberry at Ten Oaks LOT: 26

SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

LINEAR FEET OF TRENCH REQUIRED: TBD

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
NOTES:	A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS REQUIRED PRIOR TO HEALTH APPROVAL OF BUILDING PERMIT, PLOT PLAN, AND WALL CHECK. AN APPROVED WALL CHECK IS REQUIRED PRIOR TO PRE-CONSTRUCTION INSPECTION. THE OSDS PERMITTED HEREIN IS NOT SUBJECT TO REVISIONS TO COMAR 26.04.02 EFFECTIVE 1/1/2013 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS GRANTED PRIOR TO PERMIT EXPIRATION.

ISSUED BY: JEFF WILLIAMS ISSUE DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET 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 OR 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 FOR INSPECTION OF SEPTIC SYSTEM.**

RECEIPT DATE: \_\_\_\_\_

P 544109

INSTALLATION APPROVAL DATE: \_\_\_\_\_

# PERMIT

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## ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

PROPERTY OWNER: Trinity Quality Homes

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ADDRESS: 4055 Candle Light Drive TAX ACC'T #: \_\_\_\_\_

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SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

LINEAR FEET OF TRENCH REQUIRED: TBD

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
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ISSUED BY: JEFF WILLIAMS ISSUE DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

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- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

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Howard County  
Health Department

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 544409-0

INSTALLATION

APPROVAL DATE: 6/3/2013

**PERMIT  
CONSTRUCTION**

A

544 72.83

PROPERTY ADDRESS: 4055 Candle Light Drive

SUBDIVISION: Castleberry at Ten Oaks

LOT: 26

TAX ID: \_\_\_\_\_

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: \_\_\_\_\_

NUMBER OF BEDROOMS: 4

HOUSE SQ. FT. <3900

APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED

LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u><del>103.33</del> 110'</u>	INLET DEPTH: <u>3 4.5'</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>3 6.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3 4'</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 layout inspection. Set distribution box per layout inspection. Install 103.33' of trench on contour. <u>50' + 60' Trenches</u> <u>7.6 + 6.4</u>	

ISSUED BY: Dana Bernard

ISSUE DATE: 5-13-13

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.**

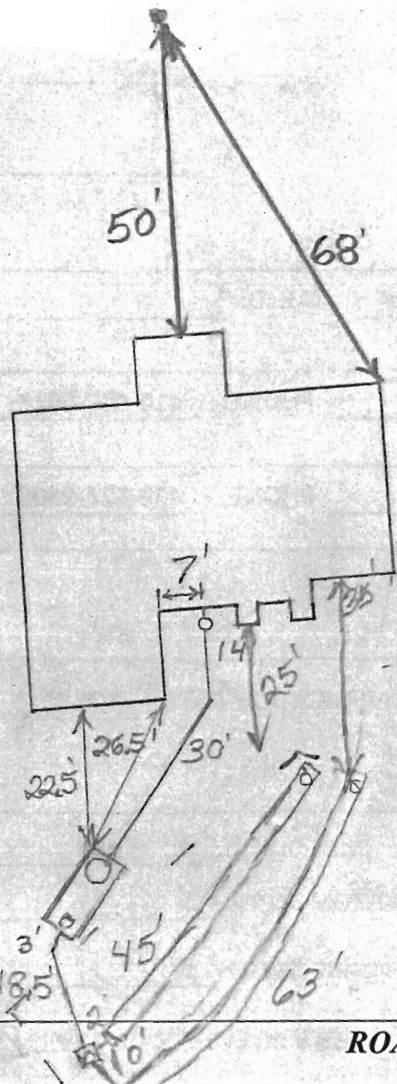
**PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

**CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

(30)

H0-95-0454



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4.5'	6.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		108'
ABSORPTION AREA		
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	15'-3"
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	4/22/13
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:

5/19/2013 Layout cancelled. Fill covering upper part of septic easement (BB) 5/22/2013 Still some fill on septic easement. Started laying out trenches. Contour will be difficult to work with. Ran out of time. Remove remaining fill. (BB) 5/28/2013 Trenches and tank location laid out (BB)

INSTALLATION:

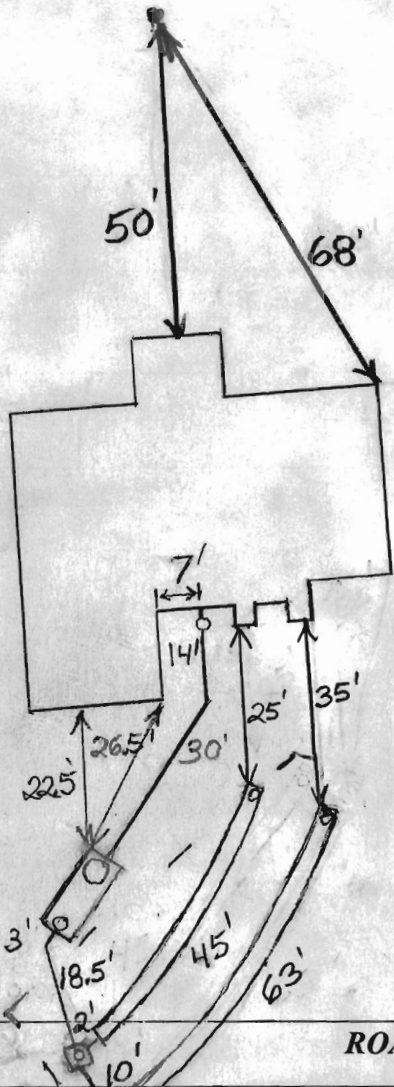
5/29/2013 Tank set. House connection made. (BB) Laying out trenches. Contour will be difficult to work with. 5/29/2013 (PM) System finished. O.K. to backfill. (BB)

FINAL INSPECTOR \_\_\_\_\_ DATE OF APPROVAL \_\_\_\_\_

NOT TO SCALE

30

H0-95-0454



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3	4.5	6.5
NUMBER OF TRENCHES 2		
TOTAL LENGTH 108'		
ABSORPTION AREA 324+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	1.5-3'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	4/22/13
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

5/20/2013 Layout cancelled. Still covering upper part of septic easement. (BB) 5/22/2013 Still some fill on septic easement. Started laying out trenches. Contour will be difficult to work with. Rn out of time. Remove remaining fill. (BB) 5/28/2013 Trenches and tank location laid out. (BB)

INSTALLATION:

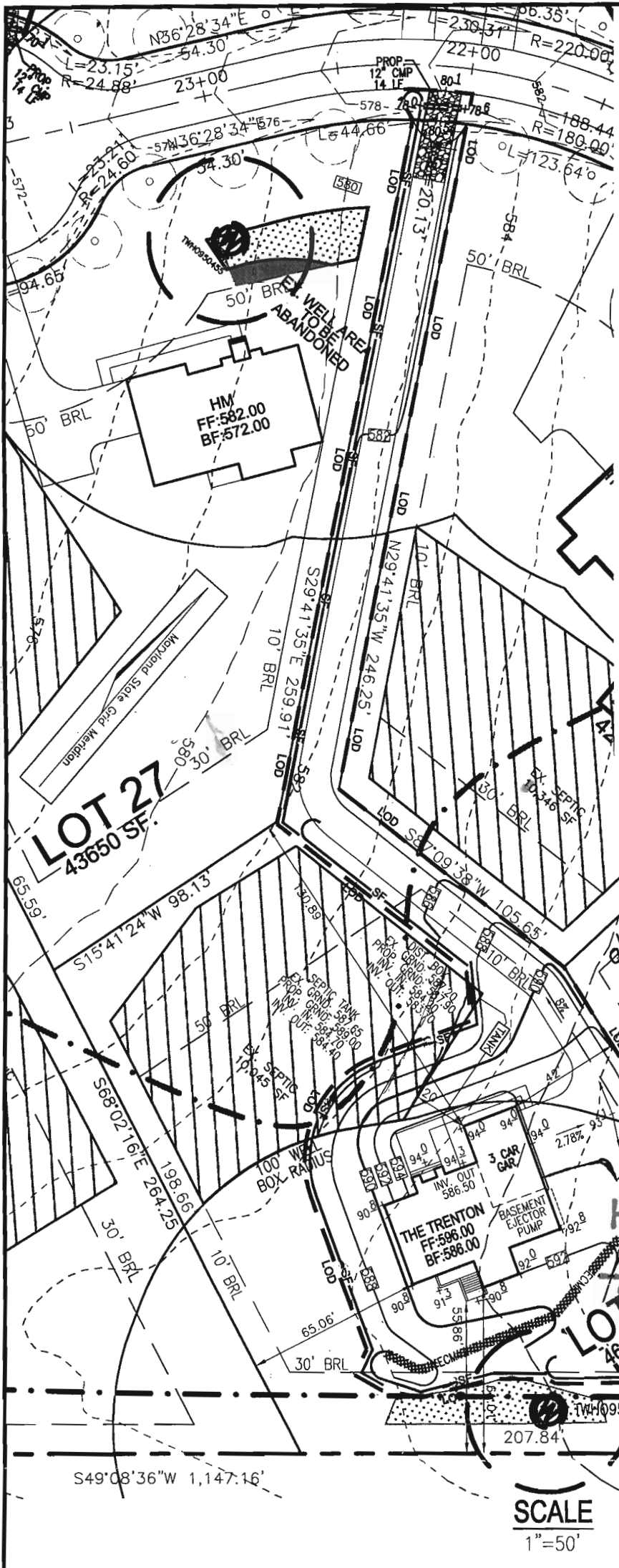
5/29/2013 Tank set. House connection made. (BB) Laying out trenches. Contour will be difficult to work with. 6/3/2013 (PM) System finished. O.K. to backfill. (BB)

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

6/3/2013

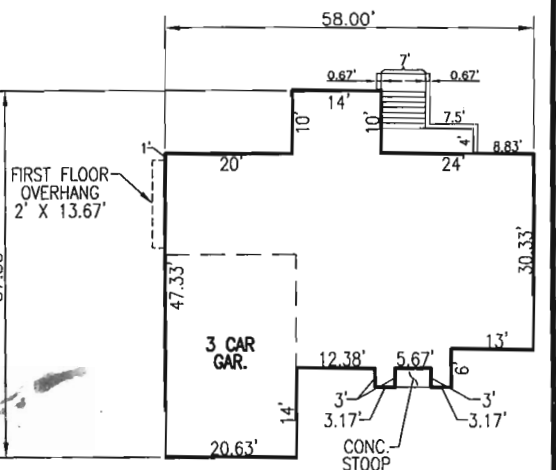


THE EXISTING WELL SHOWN ON LOT 26 TAG NO. 95-0454 HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC., AND IS ACCURATELY SHOWN.

BUILDING OF LOT 26 FLOOR AREAS:  
 BASEMENT FLOOR AREA: 1610  
 FIRST FLOOR AREA: 1640  
 SECOND FLOOR AREA: 2080  
 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. \_\_\_\_\_



**THE TRENTON**  
 W/ BRICK VENEER  
 SCALE: 1"=30'

Approved Septic System Plan  
 Howard County Health Department

*Robert H. Vogel*  
 Signature  
 Date: 1-27-13  
 Lot 26  
 46415 SF  
 Lot 27  
 43650 SF  
 Lot 28  
 46415 SF

SCALE  
 1"=50'

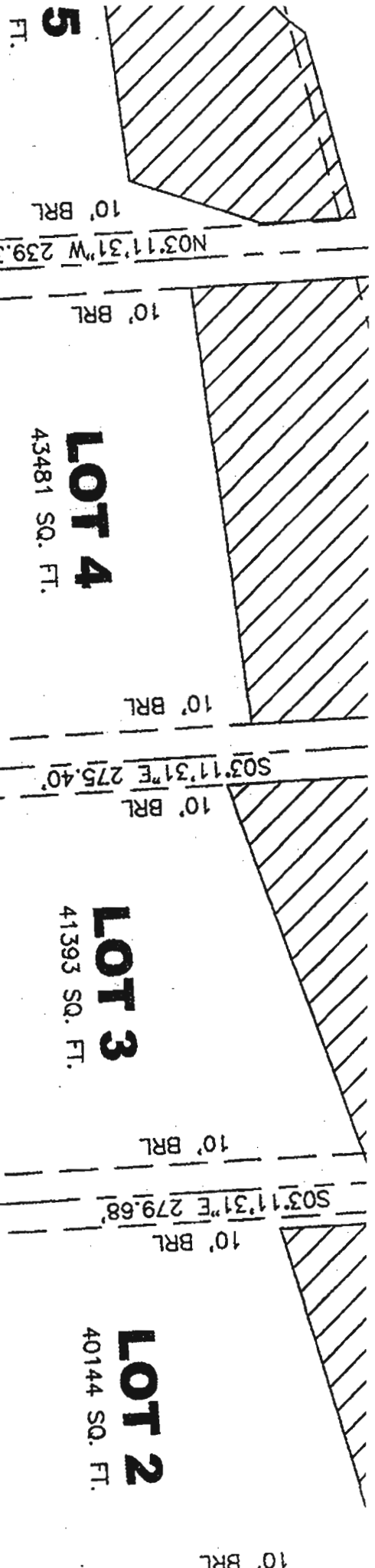
REVISED  
 Date: 12/13/12  
 Assignments: BA00230 OWNER

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


**PLOT PLAN**  
**CASTLEBERRY AT**  
**TEN OAKS**  
**LOT 26**  
**REF: F-06-130**  
 TAX MAP 22 PARCEL 90  
 BLOCK 19  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

ADDRESS: 4055 CANDLE LIGHT DR. DAYTON, MD 21036 GP: 10-41  
 CASTLEBERRY AT TEN OAKS, LLC. 3675 PARK AVENUE, SUITE 301 ELLICOTT CITY, MARYLAND 21043 (410) 740-9401

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



GENERAL NOTES (CONTINUED ON SHEET 3)

- 21.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNLESS PUBLIC SEWAGE BECOMES AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- 22. THE EXISTING HOUSES ON LOTS 29 AND 26 ARE TO BE REMOVED.
- 23. THE 100 YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT IS DEDICATED TO HOWARD COUNTY, MARYLAND.
- 24. THE EXISTING WFII ON LOT 1 IS TO BE PROPERLY ABANDONED BEFORE

**WYE RIVER DRIVE**  
PUBLIC ACCESS PLACE  
(R/W VARIES)

THE REQUIREMENTS OF 3-108, THE REAL PROPERTY ANNOTATED CODE OF MARYLAND, 1988 REPL (SUPPLEMENTED) AS FAR AS THEY RELATE TO PLAT AND THE SETTING OF MARKERS HAVE BEEN

*Mark C. Martin*  
 MARK C. MARTIN  
 PROFESSIONAL LAND SURVEYOR NO. 108

*Robert Eugene Flock*  
 ROBERT EUGENE FLOCK

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

**CANDLE LIGHT DRIVE**

50' RIGHT-OF-WAY

R=180.00'  
L=20.13'

CB26

10' PUBLIC TREE MAINTENANCE EASEMENT

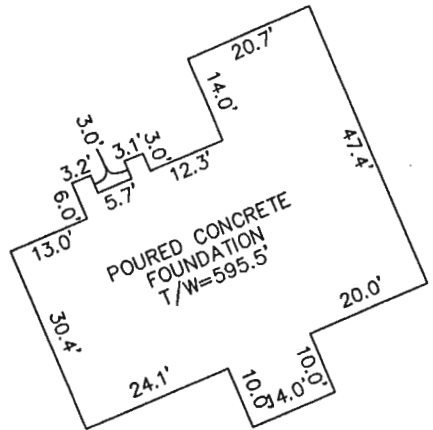
MARYLAND STATE GRID MERIDIAN (NAD83 PA)

S29°41'35"E 259.91'

N29°41'35"W 246.25'

LOT 28

LOT 27

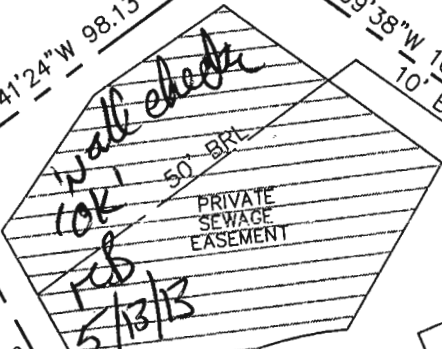


DETAIL SCALE: 1"=30'

LOT 29

S15°41'24"W 98.13'

S87°09'38"W 105.65'  
10' BRL



PRIVATE SEWAGE EASEMENT

SEE DETAIL

LOT 25

S68°02'16"E 198.66'  
10' BRL

S72°49'42"E 209.22'  
10' BRL

LOT 26  
46,415 SQ. FT.

65.2'

61.0'

30' BRL

EX. WELL  
HO-950454

S49°08'36"W 207.84'



PLAT OF  
KENNARD WARFIELD JR.  
LOT 5  
PLAT NO. 4865

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

*3/1/13*  
DATE

BUILDING PERMIT # B12002348

SCALE 1" = 60'	DATE 02/28/13	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 4055 CANDLE LIGHT DRIVE LOT 26 CASTLEBERRY AT TEN OAKS PLAT No. 19103 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		