

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-S

INSTALLATION **PERMIT** 7.5-125' A \_\_\_\_\_  
 APPROVAL DATE: 3/20/14 (KMM) **CONSTRUCTION** 8.0-110'

PROPERTY ADDRESS: 4007 Candle Light Drive

SUBDIVISION: Castleberry at Ten Oaks LOT: 44 TAX ID: 05-447453

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): 1500 PUMP SIZE: \_\_\_\_\_

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. 5,030 APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED  LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>103' 115'</u>	INLET DEPTH: <u>4.5-5'</u>
	TRENCH WIDTH: <u>2'</u>	MAXIMUM BOTTOM DEPTH: <u>8'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>6'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5'</u>
LOCATION:	<b>PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.</b>	
NOTES:	Set septic tank and pump tank per plan. Set distribution box per plan. Install 2 X 52' trenches on contour split at top of SDA. Basement will not sewer by gravity. <u>50'+65'</u>	

ISSUED BY: Heidi Scott ISSUE DATE: 7-31-13 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

See As-Built Drawing  
On Separate Sheet

ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2'	4'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		114'
ABSORPTION AREA		228
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Elbow
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'-2'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	Covered
PUMP/SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'-2'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Rear
6" PORT LOC	Front
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	Covered

PRE-CONSTRUCTION:

9/5/2013 Layout done. Set tanks further from house. (BB)

INSTALLATION:

9/9/2013 Tanks set. House connection made. (BB)

9/10/2013 System finished except for pump and alarm test (BB)  
3/20/14 Pump and alarm test working.

FINAL INSPECTOR

*K. Wolf*

DATE OF APPROVAL

3/20/14

H0-95-0472

118'

138'

4007  
Candlelight  
Drive

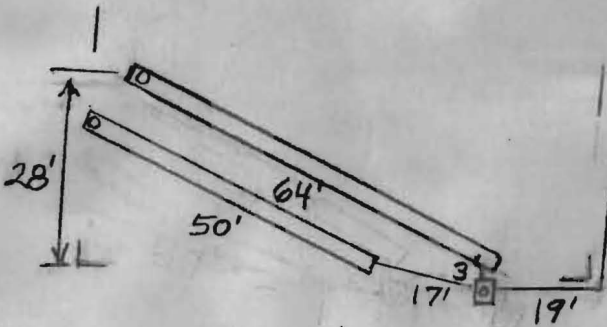
45.5'

625'

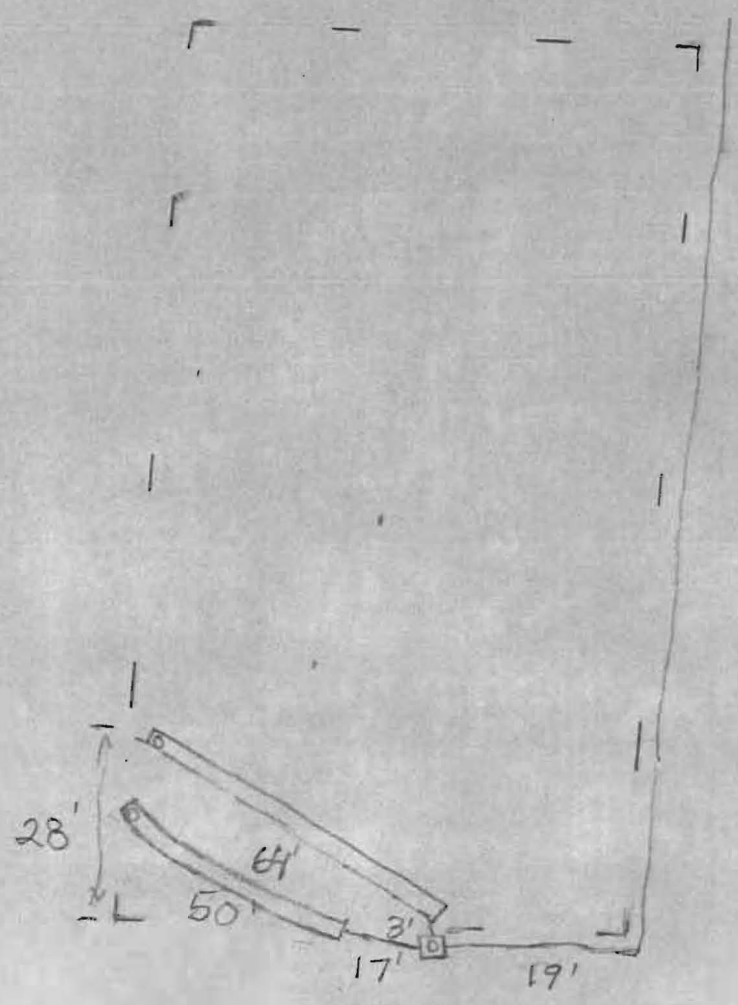
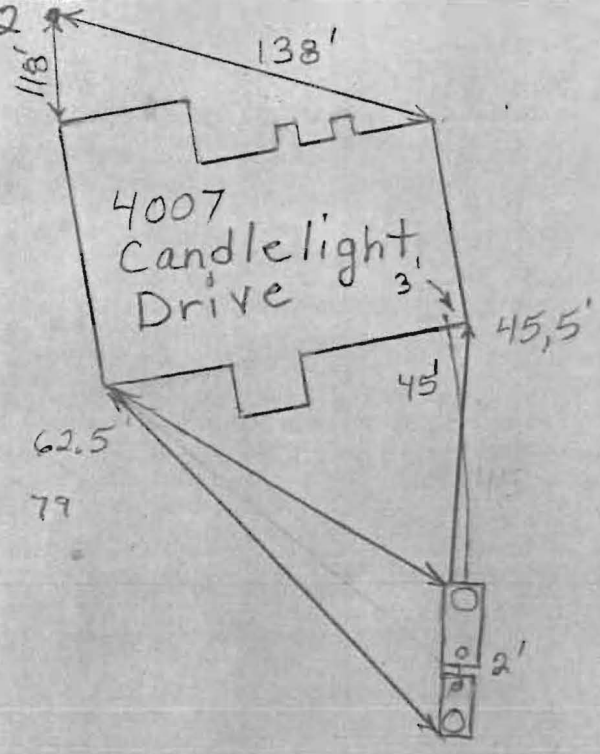
45'

79'

2'



HO-95-0472



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

N15°04'01"E  
20.93'

S87°54'49"W 201.60'  
S87°54'49"W 205.71'

10' PUBLIC TREE MAINTENANCE EASEMENT

*Wall check OK  
7-31-13  
OB*

LOT 45

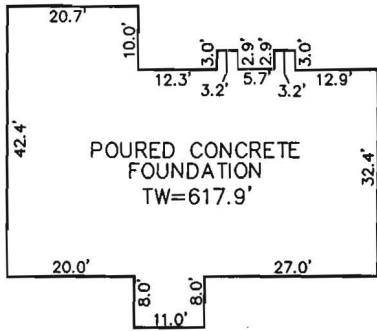
S58°40'13"W 98.05'  
HO-95-0472

S26°35'10"E

MARYLAND STATE GRID MERIDIAN (NAD83/91)

LOT 41

SEE DETAIL



DETAIL 1"=30'

LOT 44  
50257 SQ. FT.

LOT 41

LOT 42



LOT 40

N78°30'49"W 100.18'



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 PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 267, EXPIRATION DATE JULY 28, 2014.

*Thomas M. Hoffman* 7.30.13  
THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE

B.P.# B12002163

SCALE 1"= 60'	DATE 07/29/13
DRAWN BY A.M.S.	CHECKED BY T.M.H.
PLAT NUMBER 19096-19109	JOB NUMBER 00-85

ROBERT H. VOGEL ENGINEERING, INC.  
ENGINEERS - SURVEYORS - PLANNERS  
8407 MAIN STREET  
ELLICOTT CITY, MARYLAND 21043  
TEL:410-461-7666 FAX:410-461-8961

WALL CHECK DRAWING  
4007 CANDLE LIGHT DRIVE  
LOT 44  
CASTLEBERRY AT TEN OAKS  
PLAT No. 19099  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND