

LAYOUT 11/26/12 KW INSP 4 \_\_\_\_\_  
INSP 2 11/28/12 KW INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 11-20-12

APPROVAL DATE: 11/29/2012

# PERMIT

538  
P 588139  
A \_\_\_\_\_

Tax ID # 05-447461

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

Trinity Quality Homes IS PERMITTED TO INSTALL  ALTER   
ADDRESS: 3675 Park Ave Ellicott City MD PHONE NUMBER: 443-812-3826  
SUBDIVISION: Castleberry at Ten Oaks LOT NUMBER: 45  
ADDRESS: 4003 Candle Light Drive PROPERTY OWNER: Trinity Quality Homes  
SEPTIC TANK CAPACITY (GALLONS): 2000 / OUTLET BAFFLE FILTER REQUIRED   
PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED   
NUMBER OF BEDROOMS: 5 APPLICATION RATE: 0.8  
SQUARE FOOTAGE OF HOUSE: 4,055 2' wide  
LINEAR FEET OF TRENCH REQUIRED: 210' ✓ Inlet 4' Bottom 9' 10' K

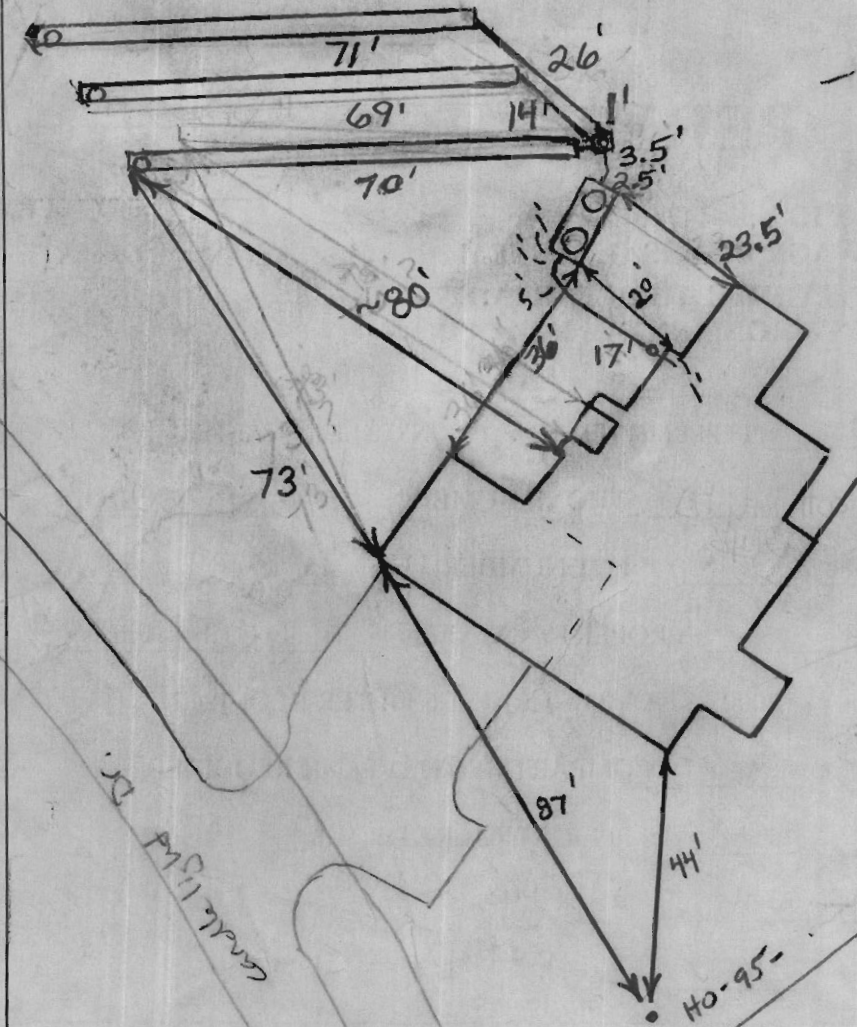
TRENCHES:	Trenches to be 2.0 feet wide. Inlet is at 3.0 feet below original grade with 4.5 feet of stone below the distribution pipe. Bottom maximum depth is <u>7.5</u> feet below original grade. Effective sidewall begins at 4.5 feet below original grade. Maintain at least 8.0 feet of spacing between trenches.
LOCATION:	Set septic tank per plan. Set distribution box per plan. Install 3 x 70' trenches on contour. <u>OK</u> ✓
NOTES:	<b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Robert Bricker DATE: 6/19/12

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- 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

**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**

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	25-35'	8'-9'
NUMBER OF TRENCHES 3		
TOTAL LENGTH 210'		
ABSORPTION AREA 735		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	9-30-12

RUMP/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:

11/26/12 New contractor. Spent good amount of time going over reg's. Shot contour. No elevations consistently. Surrounded by well trees. Dig up ~3' in some areas no fill but does look like area was disturbed @ one point (i.e. tree's removal)

INSTALLATION:

11/28/12 open trench inspection ok. Showed roughly ~12" of fill. 9' bottom shot all the way through w/ trench OK to continue. S.T. set along w/ plumbing from house.  
 11/29/2012 Installer working on bottom trench. Told him he could backfill everything when done. Trenches deeper on one end because contour changes (BB)

FINAL INSPECTOR

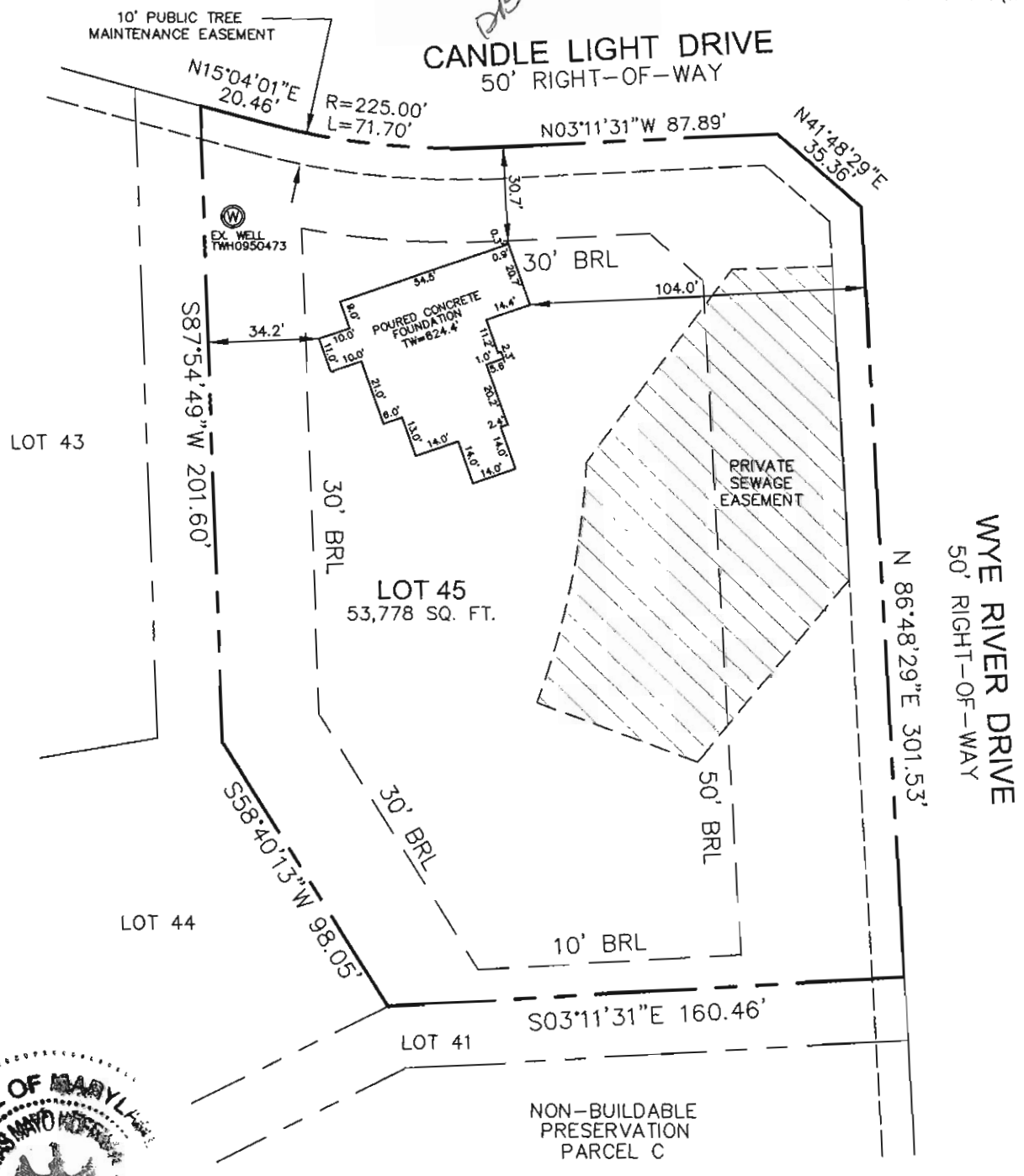
B. Baber

DATE OF APPROVAL

11/29/2012

*Wall check ok  
DB 11-20-12*

MARYLAND STATE GRID MERIDIAN (NAD83/91)



BUILDING PERMIT NUMBER: B12001925

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 Jr.* 11-16-12  
THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE

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

SCALE 1"=50'	DATE 08/20/12	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 4003 CANDLE LIGHT DRIVE LOT 45 CASTLEBERRY AT TEN OAKS PLAT No. 19099 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY B.D.A.	CHECKED BY T.M.H.		
LAT NUMBER 9096-19109	JOB NUMBER 00-85.00		