

LAYOUT 2/21/2012 INSP 4 2/24/2012  
 INSP 2 2/22/2012 INSP 5 \_\_\_\_\_  
 INSP 3 2/23/2012 INSP 6 \_\_\_\_\_

ISSUE DATE: 2-16-12

# PERMIT

P 530790-D

APPROVAL DATE: 7/3/2012

A \_\_\_\_\_

Tax ID #05-447208

**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 Ste 301 Ellicott City MD 21043 PHONE NUMBER: 443-812-3826

SUBDIVISION: Castleberry at Ten Oaks LOT NUMBER: 18

ADDRESS: 4050 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: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: 6580

LINEAR FEET OF TRENCH REQUIRED: 140 125' Bottom 7' 32', 45' and 48' Trenches

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade with 2.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank in southwest corner of septic reserve. Set distribution box in upper portion of septic reserve, near center. Install 1 x 40 and 2 x 50 trenches on contour.
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. Trench bottom to 7' only in lowest portion of septic reserve (see 5/17/01 perc tests)

PLANS APPROVED: Robert Bricker DATE: 11/18/11

- 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

See As-Built Drawing  
On Separate Sheet

ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
<u>2'</u>	<u>4.5'</u>	<u>7'</u>
NUMBER OF TRENCHES	<u>3</u>	
TOTAL LENGTH	<u>128'</u>	
ABSORPTION AREA	<u>320</u>	
DISTRIBUTION BOX LEVEL	<u>Yes</u>	
DISTRIBUTION BOX BAFFLE	<u>Elbow</u>	
DISTRIBUTION BOX PORT	<u>Yes</u>	

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	<u>Yes</u>
MANUFACTURER	<u>Babylon</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>1.5'-2'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front+Rear</u>
6" PORT LOC	<u>None</u>
WATERTIGHT TEST	<u>No</u>
SLOTTED	<u>Yes</u>
DATE ON LID	<u>Dry</u>
PUMP/SEPTIC TANK LEVEL	<u>Yes</u>
MANUFACTURER	<u>Babylon</u>
CAPACITY	<u>1500</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>1.5'-2.5'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Rear</u>
6" PORT LOC	<u>None</u>
WATERTIGHT TEST	<u>No</u>
SLOTTED	<u>No</u>
DATE ON LID	<u>1/17/2012</u>

PRE-CONSTRUCTION:

2/21/2012 Place the distribution box at the top middle of the easement. Install an upper 32' and lower 48' trench on contour towards the house. Install a 45' trench on contour away from the house in the other half of the easement. Set the tanks near where shown on the B.P. plan. (BB)

INSTALLATION: 2/22/2012 Tanks set. (BB) 2/23/2012 House connection done. Pump line and dist. box installed. (BB) 2/24/2012 System finished except for pump and alarm test. (BB)

7/3/2012

FINAL INSPECTOR

B. Baker

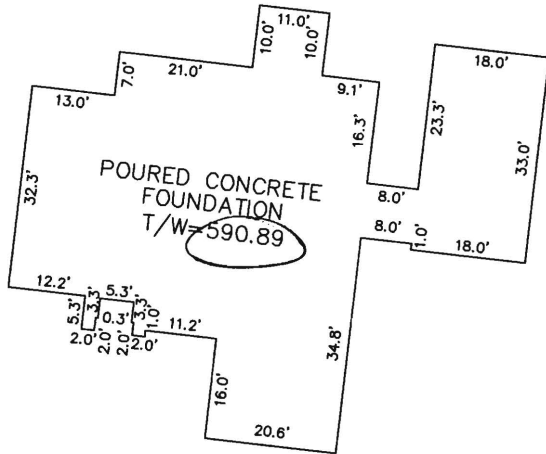
DATE OF APPROVAL

7/3/2012



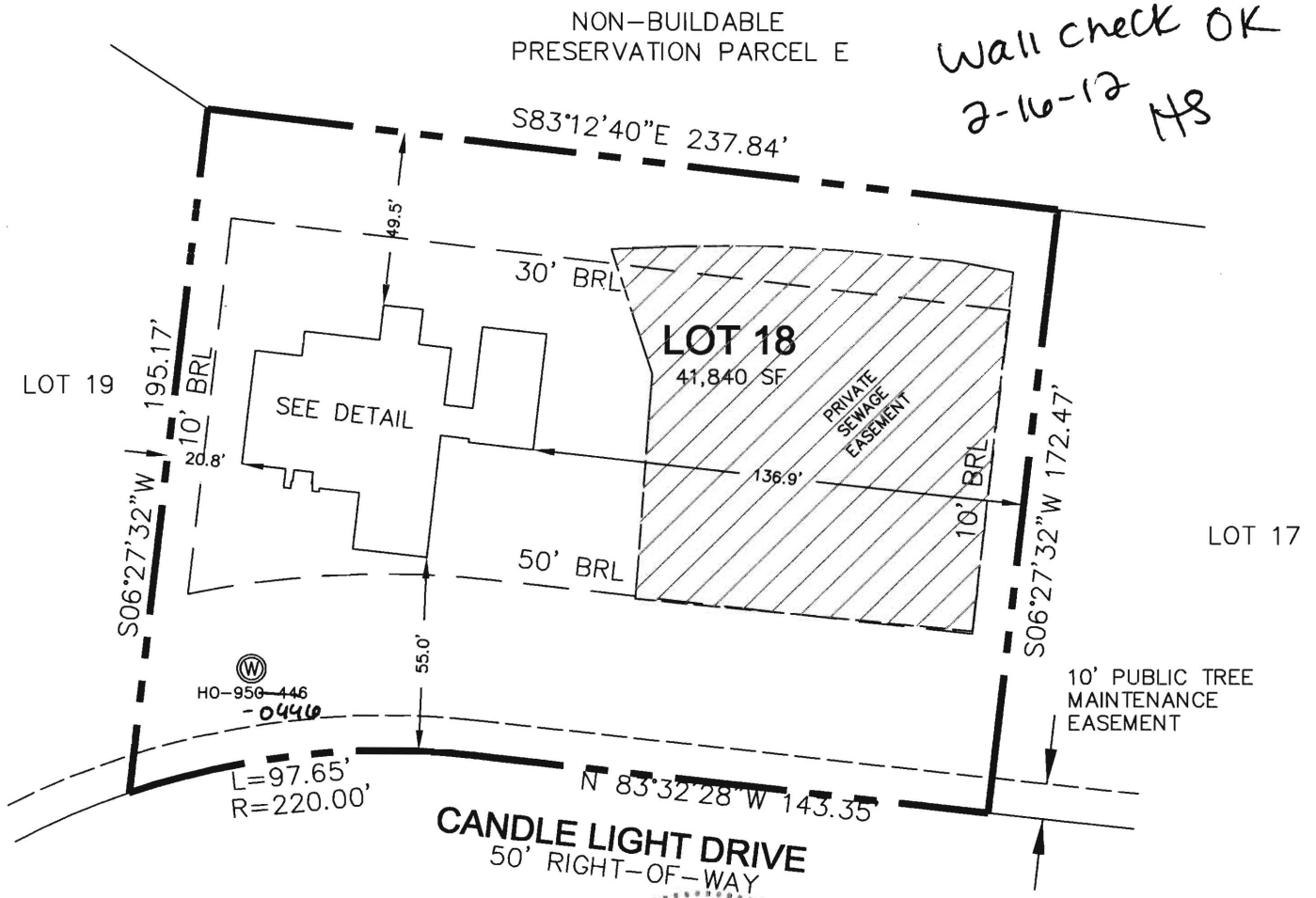
CB18

MARYLAND STATE GRID MERIDIAN (NAD83/91)



DETAIL: 1"=30'

Wall check OK  
2-16-12  
MS



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.*

12-14-11

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



B.P.# B10004030  
4050 CANDLE LIGHT DRIVE

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 12/08/11	<b>ROBERT H. VOGEL ENGINEERING, INC.</b> ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLICOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	<b>WALL CHECK DRAWING</b> LOT 18 CASTLEBERRY AT TEN OAKS PLAT No. 19098 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY B.D.A.	CHECKED BY T.M.H.		
PLAT NUMBER 19096-19109	JOB NUMBER 00-85.00		