

LAYOUT 2/8/2011 INSP 4 3/4/2011  
INSP 2 2/10/2011 INSP 5 \_\_\_\_\_  
INSP 3 2/11/2011 INSP 6 \_\_\_\_\_

ISSUE DATE: 2-3-11

APPROVAL DATE: 4/25/2011

# PERMIT

P 534464

A \_\_\_\_\_

Tax ID # 05-447100

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

Trinity Quality Homes IS PERMITTED TO INSTALL ☒ ALTER ☐  
ADDRESS: 5815 Park Avenue PHONE NUMBER: 443-1986  
SUBDIVISION: Castleberry at Ten Oaks LOT NUMBER: 9  
ADDRESS: 13713 Wye River Road 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: 1.2  
SQUARE FOOTAGE OF HOUSE: 4,500  
LINEAR FEET OF TRENCH REQUIRED: 130

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade with 3.0 feet of stone below distribution pipe.
LOCATION:	Run 2 x 65' 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.

PLANS APPROVED: Heidi Scott DATE: 10/08/10

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

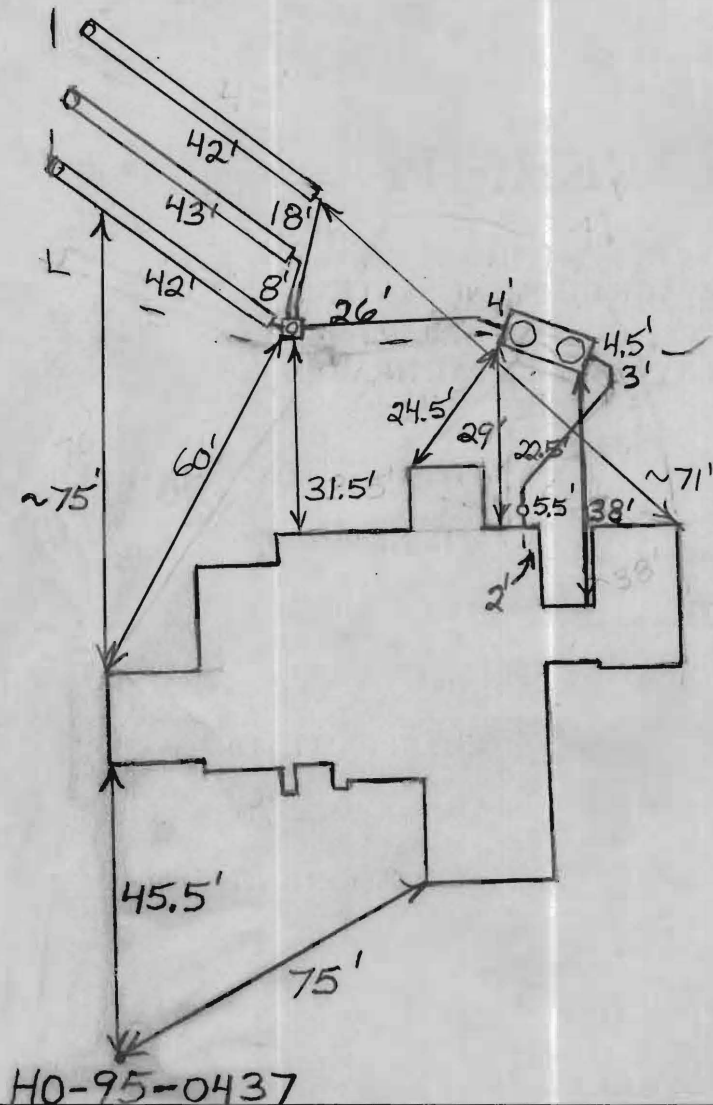
NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

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
3'	4'	7'

NUMBER OF TRENCHES 3  
 TOTAL LENGTH 127'  
 ABSORPTION AREA 381 + 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'-2'  
 BAFFLES Yes  
 BAFFLE FILTER No  
 MANHOLE LOC Front + Rear  
 6" PORT LOC None  
 WATERTIGHT TEST No  
 SLOTTED Yes  
 DATE ON LID 1/3/2011

**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:**

2/8/2011 Trench layout postponed until trees are removed from upper part of easement. O.K. to set tank. Decided to set tank partially in easement so that there will be less bends in house connection. Keep tank 20' from rear bump out. (BB) 2/10/2011 Trench layout done. (BB) 2/11/2011 Need house connection. Tank and box set. (BB)

**INSTALLATION:**

2/14/2011 System finished except for house connection. O.K. to backfill. (BB) 3/4/2011 House connection still not completed. (BB) 4/25/2011 House connection completed. (BB)

FINAL INSPECTOR

B. Baber

DATE OF APPROVAL

4/25/2011

MARYLAND STATE GRID MERIDIAN (NAD83/91)

Wall Check  
OK  
2-3-11  
DB

PARCEL A

S00°29'52"W 100.04'

R=50.00'  
L=21.30'

R=24.97'  
L=32.21'

30' BRL

LOT 9  
43633 SQ. FT.

LOT 10

S89°30'08"E

303.58'

10' BRL

20.7'

SEE DETAIL

50' BRL

HO-95-0437

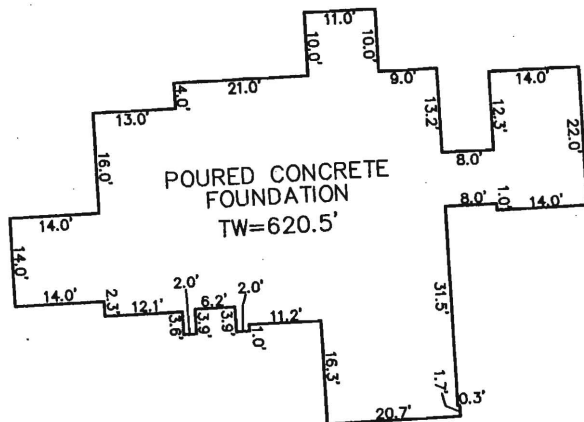
R=175.00'  
L=38.43'

S03°11'31"E

92.89'

CANDLE LIGHT DRIVE  
50' RIGHT-OF-WAY

WYE RIVER DRIVE  
50' RIGHT-OF-WAY



DETAIL: 1"=30'

10' PUBLIC TREE  
MAINTENANCE EASEMENT



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.*

12-16-10

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'

B.P. # B10002986  
13713 WYE RIVER DRIVE

SCALE 1"=50'	DATE 12/15/10	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 LOT 9 CASTLEBERRY AT TEN OAKS PLAT No. 19098 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY A.M.S.	CHECKED BY T.M.H.		
PLAT NUMBER 19096-19109	JOB NUMBER 00-85.00		