

LAYOUT 2/21, 2/27/12 INSP 4 \_\_\_\_\_  
INSP 2 2/28/2012 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 2-16-12

APPROVAL DATE: 3/7/2012

# PERMIT

P 530730-A

A \_\_\_\_\_

Tax ID # 05-447054

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

Trinity Quality Homes IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 3075 Park Ave Ste 301 Ellicott City MD 21043 PHONE NUMBER: 443-810-3826

SUBDIVISION: Castleberry at Ten Oaks LOT NUMBER: 4

ADDRESS: 13714 Wye River 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: 78 >3,500 2' Wide 45', 60' + 65'

LINEAR FEET OF TRENCH REQUIRED: 194' Inlet 5'  
170' Bottom 9'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade with 2.0 feet of stone below distribution pipe.
LOCATION:	Run 3 x 65' trenches on contour. Place d box near top center of easement. Ejector pump will be required.
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: 11/3/11

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

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM  
2' 5'-6' 9'-10'  
NUMBER OF TRENCHES 3  
TOTAL LENGTH 169'  
ABSORPTION AREA 676  
DISTRIBUTION BOX LEVEL Levelers  
DISTRIBUTION BOX BAFFLE Yes  
DISTRIBUTION BOX PORT Yes

See As-Built Drawing on  
Separate Sheet

ROAD NAME

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes  
MANUFACTURER Babylon  
CAPACITY 2000 GAL  
SEAM LOC Top  
TANK LID DEPTH 0.5'-1.5'  
BAFFLES Yes  
BAFFLE FILTER No  
MANHOLE LOC Front+Rear  
6" PORT LOC None  
WATERTIGHT TEST No  
SLOTTED Yes  
DATE ON LID 1/2/2012

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:

2/21/2012 Layout cancelled until upper corner of easement is cleared of brush, trees, etc. Can probably get to upper part of easement with gravity if trench inlet is changed to 5'. However fill may need to be brought in to cover some parts of the house connection. BB 2/27/2012 Install a 45', 60' and 65' trench on contour across the highest part of the

INSTALLATION:

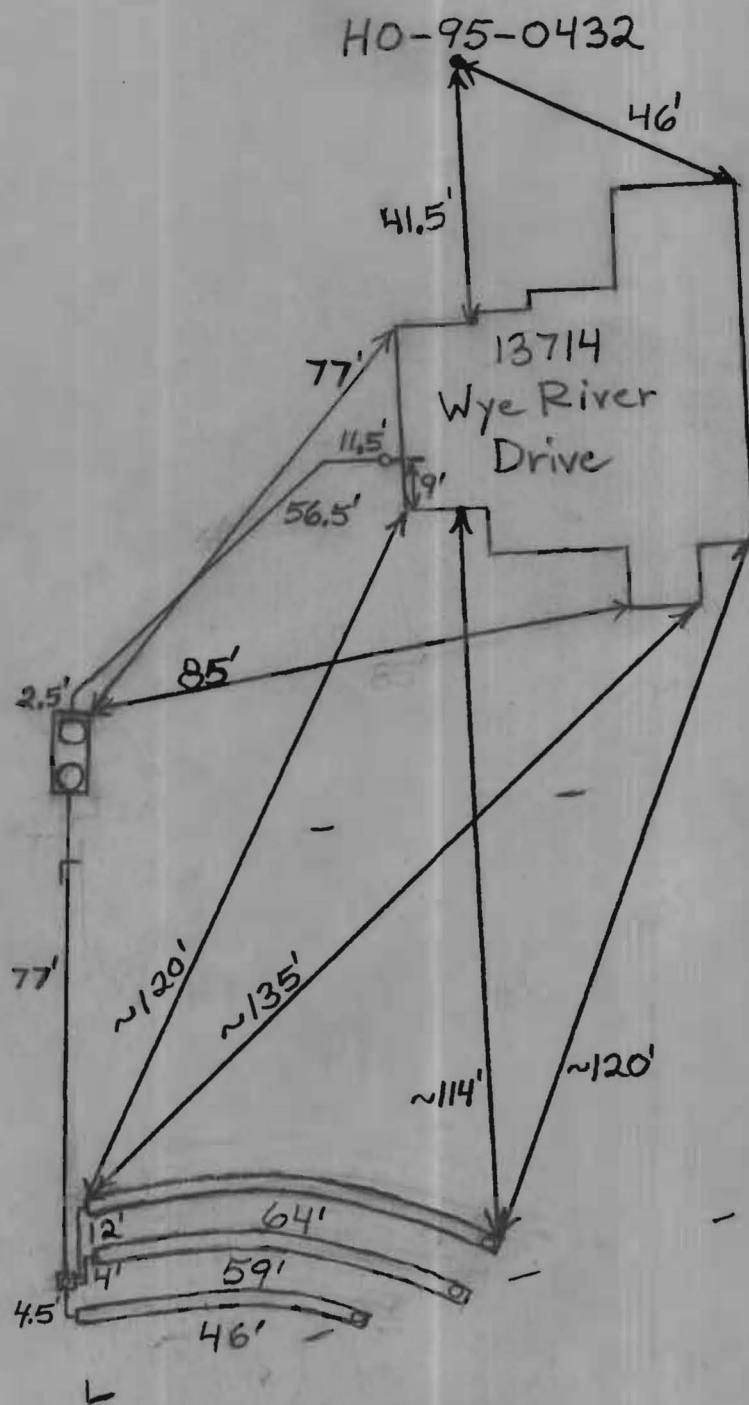
easement. Keep minimum cover and fold in the house connection when going uphill towards the dist. box. BB 2/28/2012 Tank set. House connection made. BB 3/7/2012 Trenches done. System finished. O.K. to backfill. Installer didn't install system correctly. Top 2 trenches are too deep. BB

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

3/7/2012



CB 4

MARYLAND STATE GRID MERIDIAN (NAD83/91)

Wall check OK  
HS 2-16-12

TM 22 P 201  
L 221 F 618

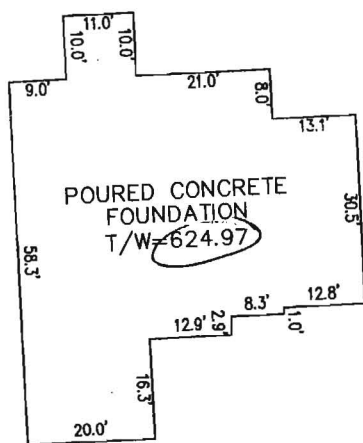
N 74°45'29"E 172.75'

LOT 5

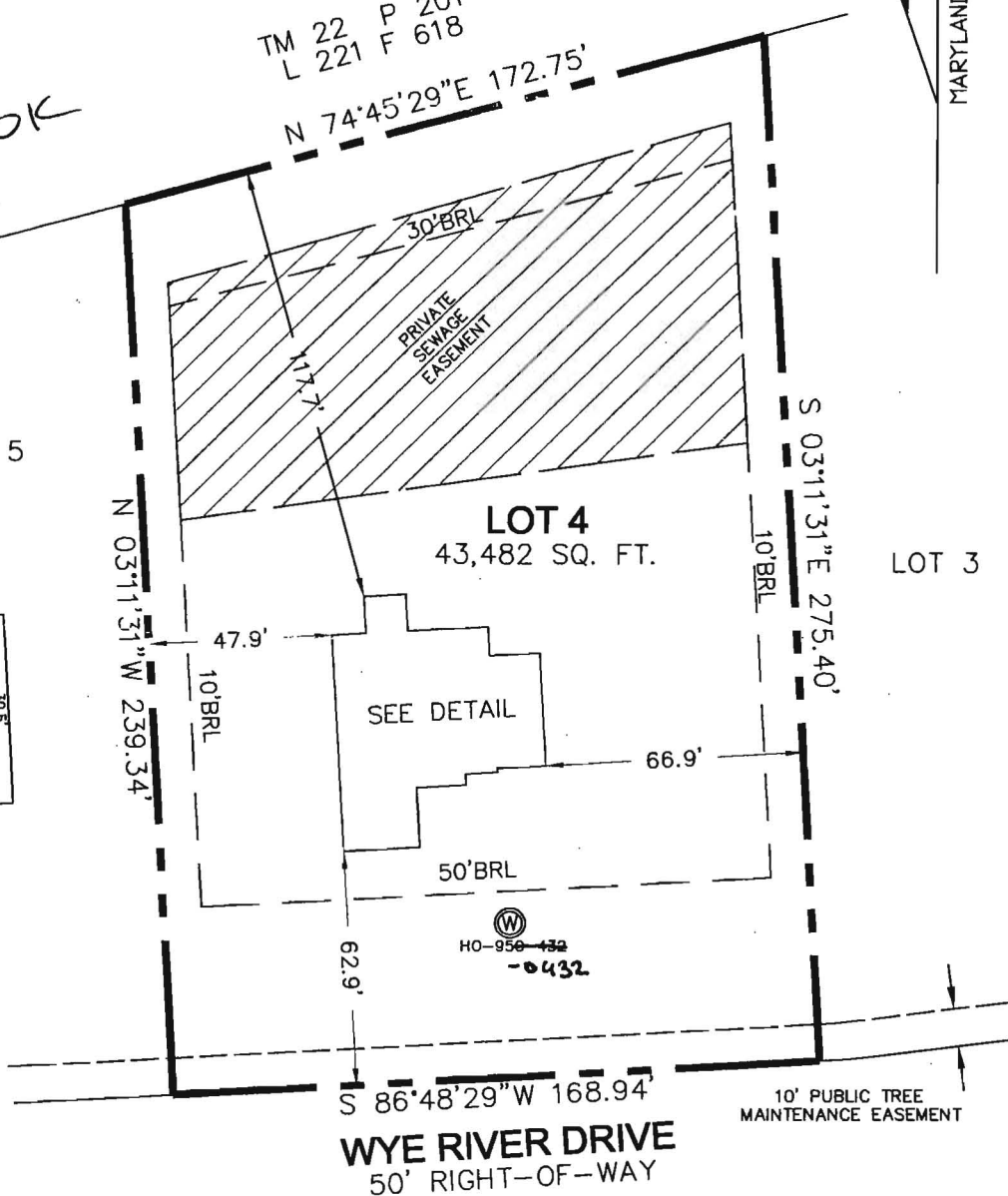
LOT 4

43,482 SQ. FT.

LOT 3



DETAIL: 1"=30'



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.# B10003855  
13714 WYE RIVER 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> <b>ENGINEERS - SURVEYORS - PLANNERS</b> 8407 MAIN STREET ELLICOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	<b>WALL CHECK DRAWING</b> LOT 4 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		