

LAYOUT 4/26/2011 INSP 4 \_\_\_\_\_  
 INSP 2 5/10/2011 INSP 5 \_\_\_\_\_  
 INSP 3 5/12/2011 INSP 6 \_\_\_\_\_

ISSUE DATE: 2-3-11

# PERMIT

P 534464

APPROVAL DATE: 9/8/2011

A \_\_\_\_\_

Tax ID # 3355462

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

Trinity Quality Homes IS PERMITTED TO INSTALL  ALTER

ADDRESS: 3575 Park Avenue PHONE NUMBER: \_\_\_\_\_

SUBDIVISION: Brantwood Overlook LOT NUMBER: 5

ADDRESS: 11318 Judah Way PROPERTY OWNER: Trinity Quality Homes

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5(per BP) APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: 4680 4.5'-6.5'  
3' Wide

LINEAR FEET OF TRENCH REQUIRED: 194

TRENCHES:	Trenches to be 3.0 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:	Run 4 x 48' trenches on contour. Place d-box per plan at top center of easement.
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.

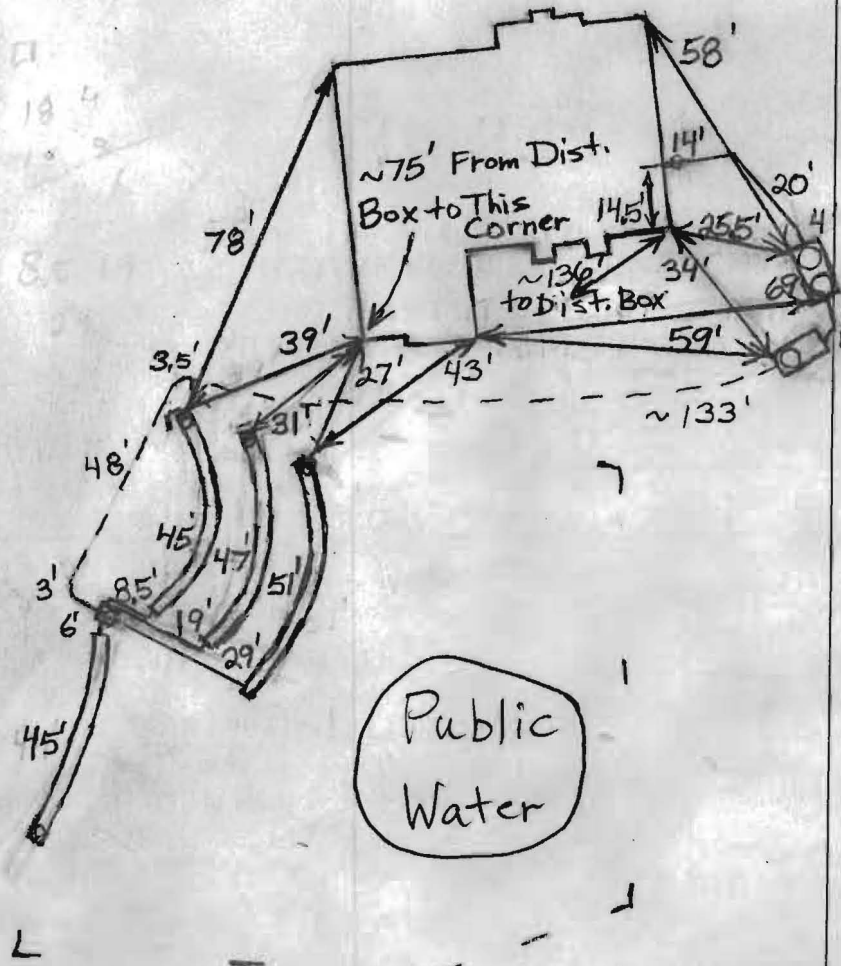
PLANS APPROVED: Heidi Scott DATE: 11/29/10

- 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**

40

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4.5'	6.5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		188'
ABSORPTION AREA		564+Sidewall
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Elbow
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK I 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	4/4/2011
PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'-3'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	1/25/2011

ROAD NAME

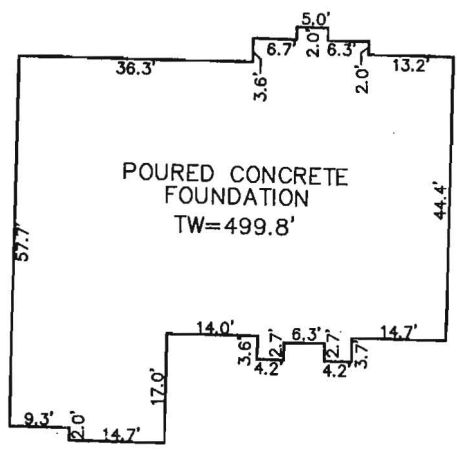
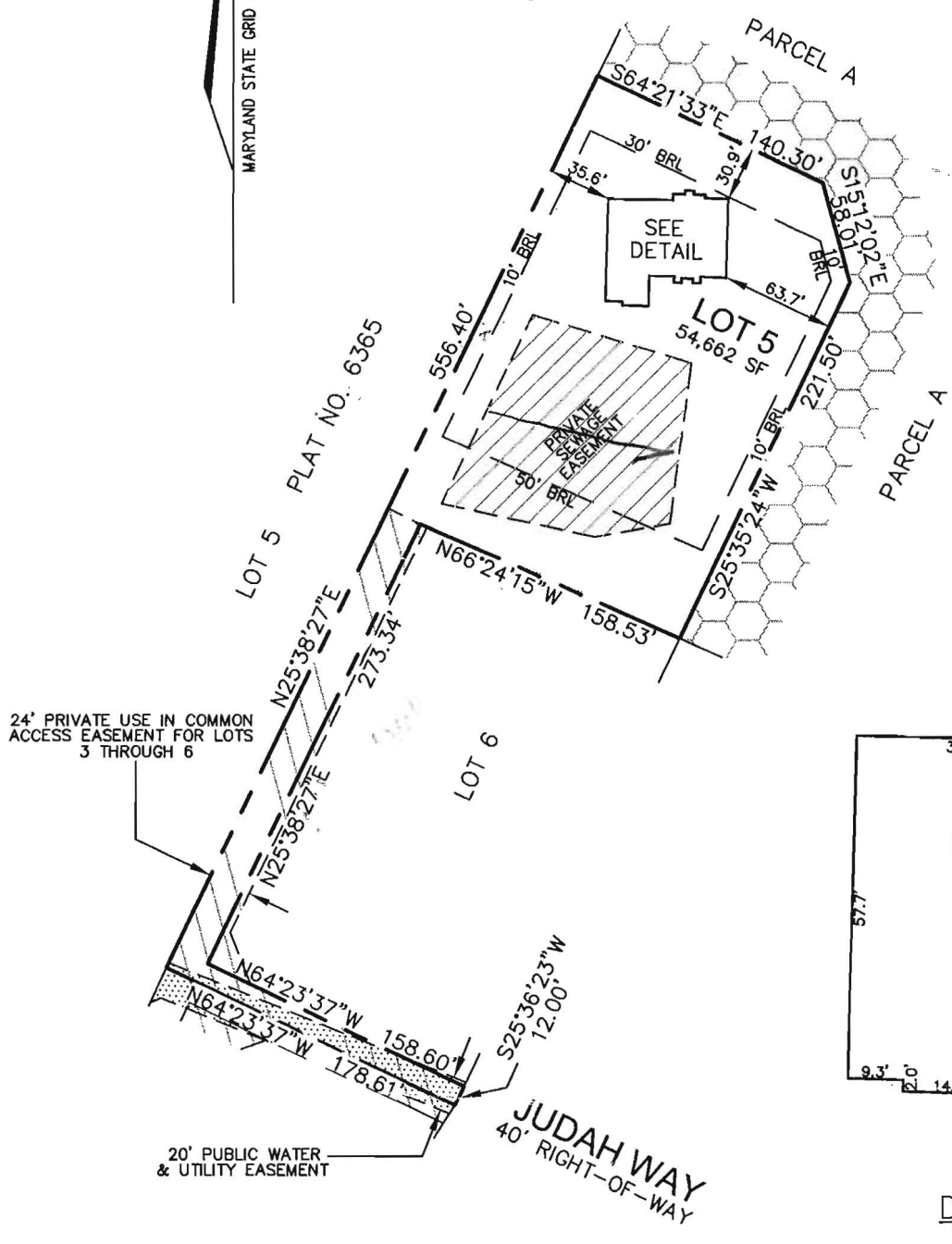
PRE-CONSTRUCTION:  
 4/26/2011 Full across upper and middle part of septic easement. Builder needs to remove fill. Set tanks out of proposed drainage locations. Place the distribution box near the top middle of the easement and install 3 or 4 trenches on contour towards the house. (BB)  
 5/10/2011 French layout done. (BB)

INSTALLATION: 5/10/2011 Tanks installed. House connection made. (BB)  
 5/12/2011 Pump line installed and covered by septic contractor. Pump line measurements provided by contractor. System finished except for pump and alarm test. (BB)  
 9/8/2011 Pump and alarm working. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 9/8/2011

MARYLAND STATE GRID MERIDIAN (NAD83/91)

Wall Check  
OK  
2-3-11  
JH



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.*  
THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE 1-27-11

B.P.# B10003506  
11318 JUDAH WAY

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

SCALE 1"=100'	DATE 01/26/11	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 5 BRANTWOOD OVERLOOK PLAT No. 21202 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY A.M.S.	CHECKED BY T.M.H.		
PLAT NUMBER 21199-21202	JOB NUMBER 05-65		



APPROVED FOR HOWARD SCD AND MDC TECHNICAL REQUIREMENTS

USDA-NATURAL RESOURCES CONSERVATION SERVICE

DATE: 2/13/08

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

John R. Pfauf

**ENGINEER'S CERTIFICATE**

I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Robert H. Vogel, PE #16193

DATE: 2/13/08

**DEVELOPER'S CERTIFICATE**

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

Michael L. Pfauf

DATE: 02/13/08

**PLAN**  
SCALE: 1" = 40'

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16193 EXPIRATION DATE: 09-27-2008.

**OWNER / DEVELOPER**

TRINITY QUALITY HOMES, INC.  
3675 PARK AVENUE, SUITE 301  
ELLICOTT CITY, MARYLAND 21043  
(410) 480-0023

**GRADING AND SEDIMENT EROSION CONTROL PLAN**

**BRANTWOOD OVERLOOK**  
LOTS 1-8 AND NON-BUILDABLE PRESERVATION PARCELS 'A' & 'B'  
BUILDING PERMIT NO. \_\_\_\_\_

TAX MAP 16 BLOCK 15, 16, 21 & 22  
REF: F-02-41, F-02-42, SP-02-08, RE-06-03  
PARCELS '94' & '259'  
HOWARD COUNTY, MARYLAND

**ROBERT H. VOGEL ENGINEERING, INC.**  
ENGINEERS • SURVEYORS • PLANNERS  
8407 MAIN STREET  
ELLICOTT CITY, MD 21043  
TEL: 410.461.7666  
FAX: 410.461.8961

DESIGN BY: RHV/RJ  
DRAWN BY: RJ  
CHECKED BY: RHV  
DATE: DEC. 2007  
SCALE: AS SHOWN  
W.O. NO.: 201712.00  
08-65

1 SHEET OF 3

**GP-08-47**