

Bureau of Environmental Health  
 7178 Gateway Drive Columbia, MD 21046  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/17/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544409-X

**PERMIT  
CONSTRUCTION**

INSTALLATION APPROVAL DATE: 11/25/2013 A 521624

PROPERTY ADDRESS: 5020 Green Bridge Road

SUBDIVISION: The Oaks at Bridle Creek LOT: 4 TAX ID: 05-442982

CONTRACTOR: Trinity Quality Homes EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: 3675 Park Avenue Ste 301, Ellicott City, MD 21043 PHONE: 410-480-0023

PROPERTY OWNER: Trinity Quality Homes EMAIL: \_\_\_\_\_

OWNER ADDRESS: 3675 Park Avenue Ste 301, Ellicott City, MD 21043 PHONE: 443-324-9806

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ PUMP SIZE: \_\_\_\_\_

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. ±3500 APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED  LOW PRESSURE DOSED

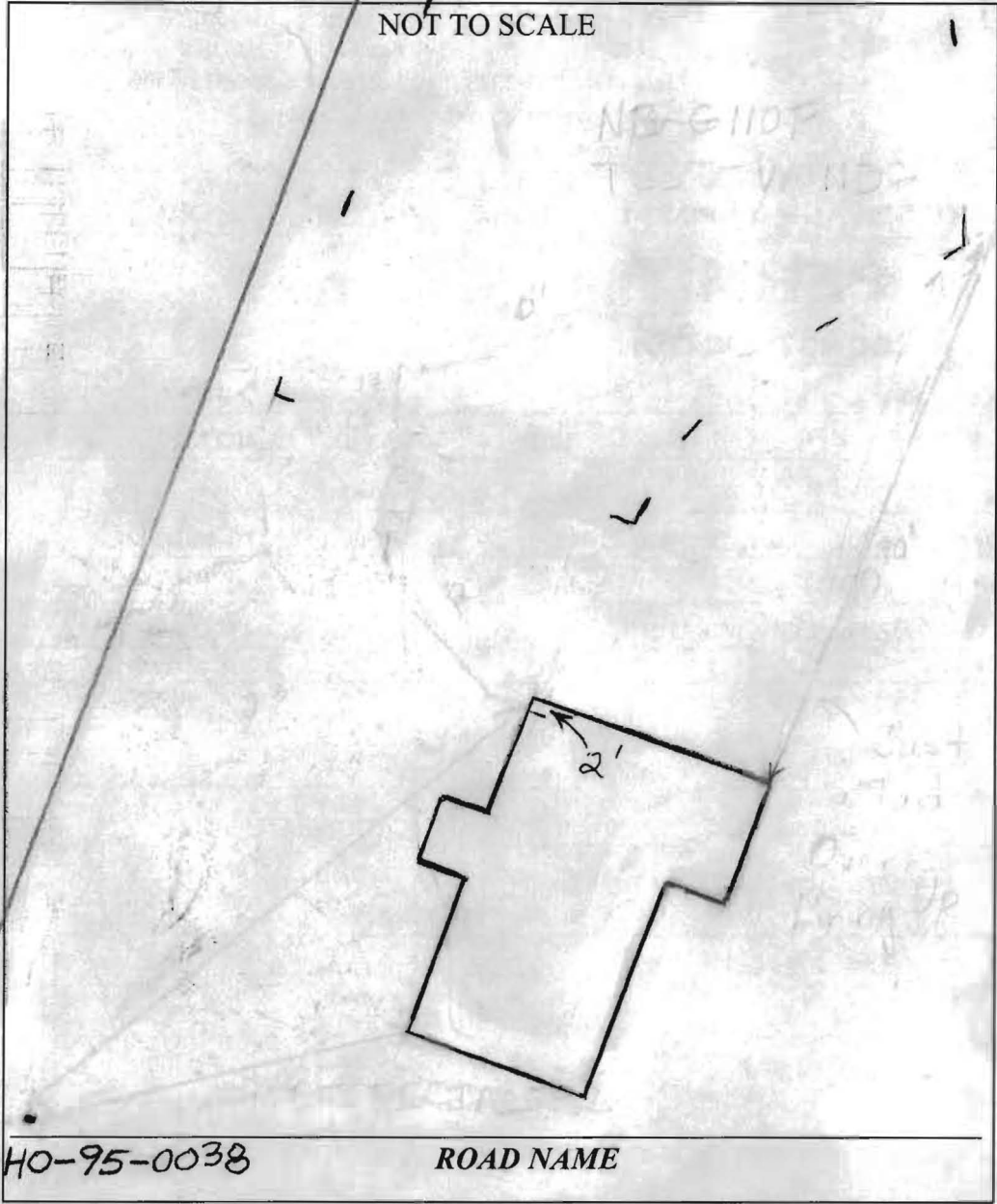
TRENCHES:	LINEAR FEET REQUIRED: <u>140' / 186'</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>2' 2'</u>	MAXIMUM BOTTOM DEPTH: <u>5' 6.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9' 8'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4' ✓</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per layout inspection. Set distribution box at top of the easement per layout inspection. Install 140' of trench on contour per layout inspection. <u>90' 100' ?</u> <u>~85 ton</u>	

ISSUED BY: Dana Bernard ISSUE DATE: 11-12-13 EXPIRATION DATE: 12/17/13

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**NEITHER THE HOWARD COUNTY COUNCIL NOR 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 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE



HO-95-0038

ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2'	3'	6.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		186'
ABSORPTION AREA		465
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	
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	10/4/2013

~~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:

11/14/13 Contractor wanted tank location. Did not have file, working on Lot 3. Can not give layout. Please call in office for layout. (KW)

INSTALLATION: 11/25/2013

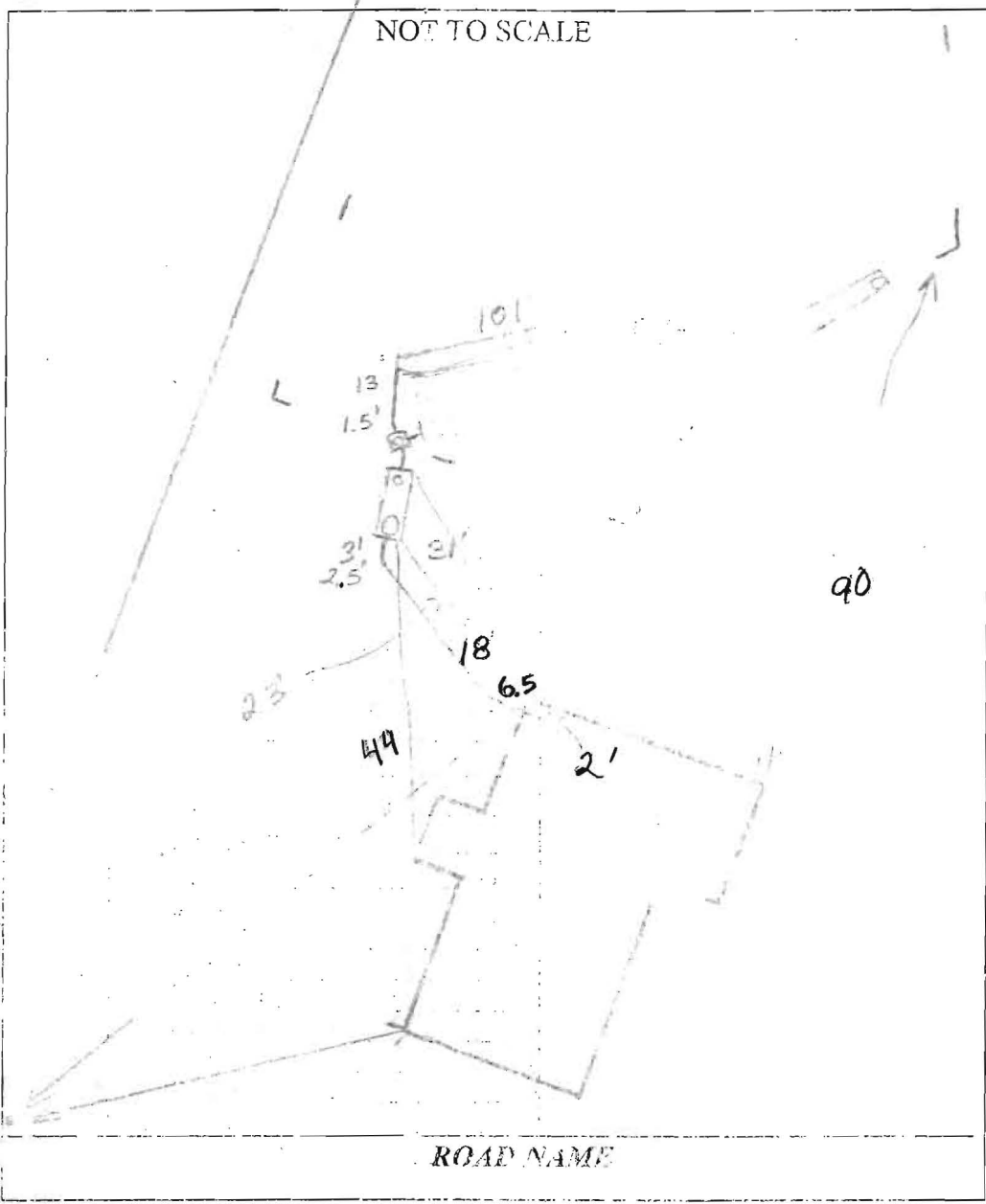
FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

11/25/2013

NOT TO SCALE



**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2'	3'	6.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL <u>Level</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

**SEPTIC TANK DATA**

SEPTIC TANK I LEVEL	<u>Yes</u>
MANUFACTURER	<u>Babyon</u>
CAPACITY	<u>2000</u> GAL.
SEAM LOC	<u>Top</u>
TANK LID DEPTH	_____
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front</u>
6" PORT LOC	<u>Rear</u>
WATERTIGHT TEST	<u>No</u>
SLOTTED	<u>Yes</u>
DATE ON LID	<u>10/4/2012</u>
<del>PUMP/SEPTIC TANK LEVEL <u>N/A</u></del>	
<del>MANUFACTURER _____</del>	
<del>CAPACITY _____ GAL.</del>	
<del>SEAM LOC _____</del>	
<del>TANK LID DEPTH _____</del>	
<del>BAFFLES _____</del>	
<del>BAFFLE FILTER _____</del>	
<del>MANHOLE LOC _____</del>	
<del>6" PORT LOC _____</del>	
<del>WATERTIGHT TEST _____</del>	
<del>SLOTTED _____</del>	
<del>DATE ON LID _____</del>	

ROAD NAME

PRE-CONSTRUCTION:

14/12/2012

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

INSTALLATION:

\_\_\_\_\_

\_\_\_\_\_

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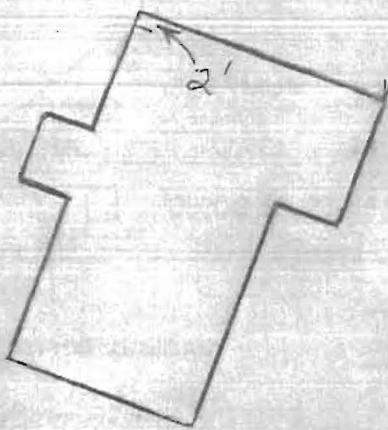
\_\_\_\_\_

\_\_\_\_\_

FINAL INSPECTOR

DATE OF APPROVAL

NOT TO SCALE



**TRENCH/DRAINFIELD DATA**

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 NUMBER OF TRENCHES 2  
 TOTAL LENGTH 186'  
 ABSORPTION AREA 465  
 DISTRIBUTION BOX LEVEL Levelers  
 DISTRIBUTION BOX BAFFLE Yes  
 DISTRIBUTION BOX PORT Yes

**SEPTIC TANK DATA**

SEPTIC TANK I LEVEL Yes  
 MANUFACTURER Babylan  
 CAPACITY 2000 GAL  
 SEAM LOC Top  
 TANK LID DEPTH \_\_\_\_\_  
 BAFFLES Yes  
 BAFFLE FILTER No  
 MANHOLE LOC Front  
 6" PORT LOC Rear  
 WATERTIGHT TEST No  
 SLOTTED Yes  
 DATE ON LID 10/4/2013

**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 \_\_\_\_\_

HO-95-0038

ROAD NAME

**PRE-CONSTRUCTION:**

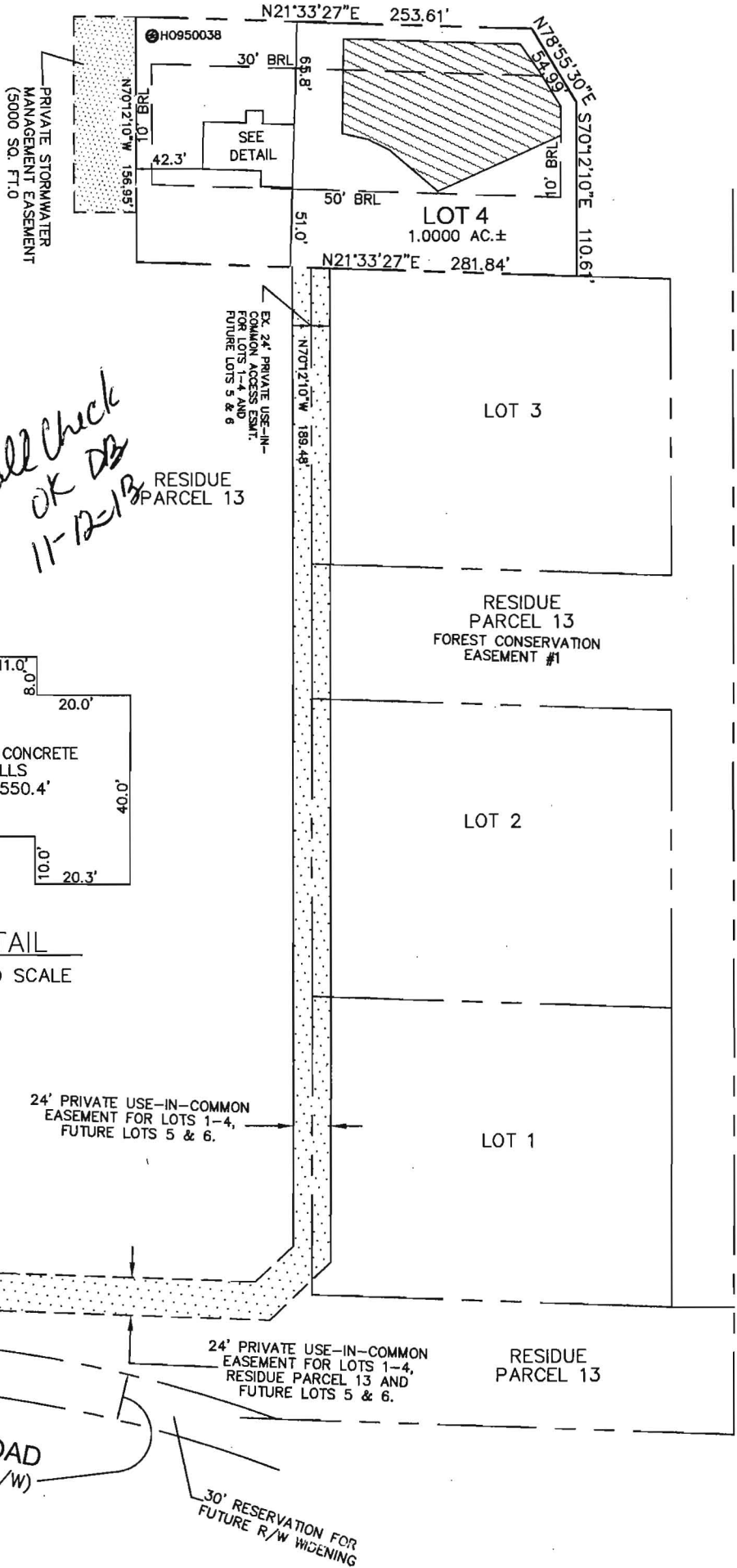
11/14/13 Contractor wanted tank location. Did not have file. Working on Lot 3. Can not give layout. Please call in office for layout. (KID)

**INSTALLATION:**

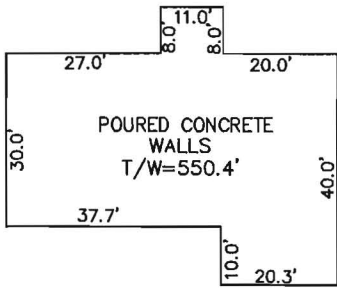
FINAL INSPECTOR \_\_\_\_\_

DATE OF APPROVAL \_\_\_\_\_

MARYLAND STATE GRID MERIDIAN (NAD83/91)



*Wall Check  
OK DB  
11-12-13*



DETAIL  
NOT TO SCALE



**GREEN BRIDGE ROAD**  
(EX. 30' PRESCRIPTIVE R/W)  
(FUTURE 60' R/W)

30' RESERVATION FOR  
FUTURE R/W WIDENING

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.*

**11-8-13**

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

B.P.# B12001928

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 10/04/13	<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 4 5014 GREEN BRIDGE ROAD THE OAKS AT BRIDLE CREEK PLAT No. 18154 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY B.D.A.	CHECKED BY T.M.H.		
PLAT NUMBER 18154-18155	JOB NUMBER 06-022.00		

RESIDUE  
PARCEL 13

Approved Septic System Plan  
Howard County Health Department  
*Donald Beard* -19-11  
Signature Date

Approved for 4BR

LOT No. 4  
SEPTIC TANK  
GROUND: 547.0'  
INV. IN: 545.3'  
INV. OUT: 545.0'  
DIST. BOX  
GROUND: 547.0'  
INV. IN: 544.0'  
BASEMENT  
EJECTOR PUMP  
100' R.

THE EXISTING WELL SHOWN ON LOT 3  
TAG NO. \_\_\_\_\_ HAS BEEN FIELD LOCATED  
BY ROBERT H. VOGEL ENGINEERING, INC.

BUILDING OF LOT 3 FLOOR AREAS:

BASEMENT FLOOR AREA: 1580  
FIRST FLOOR AREA: 1605  
SECOND FLOOR AREA: 1495

NOTE: STORMWATER MANAGEMENT FOR THESE  
LOTS IS PROVIDED BY 2 MICROPOOL EXTENDED  
DETENTION PONDS AND ONE BIORETENTION  
FACILITY APPROVED UNDER F-06-130. RAINGARDENS  
ARE REQUIRED FOR LOTS 20, 35 AND 41.

BUILDING PERMIT NO. \_\_\_\_\_

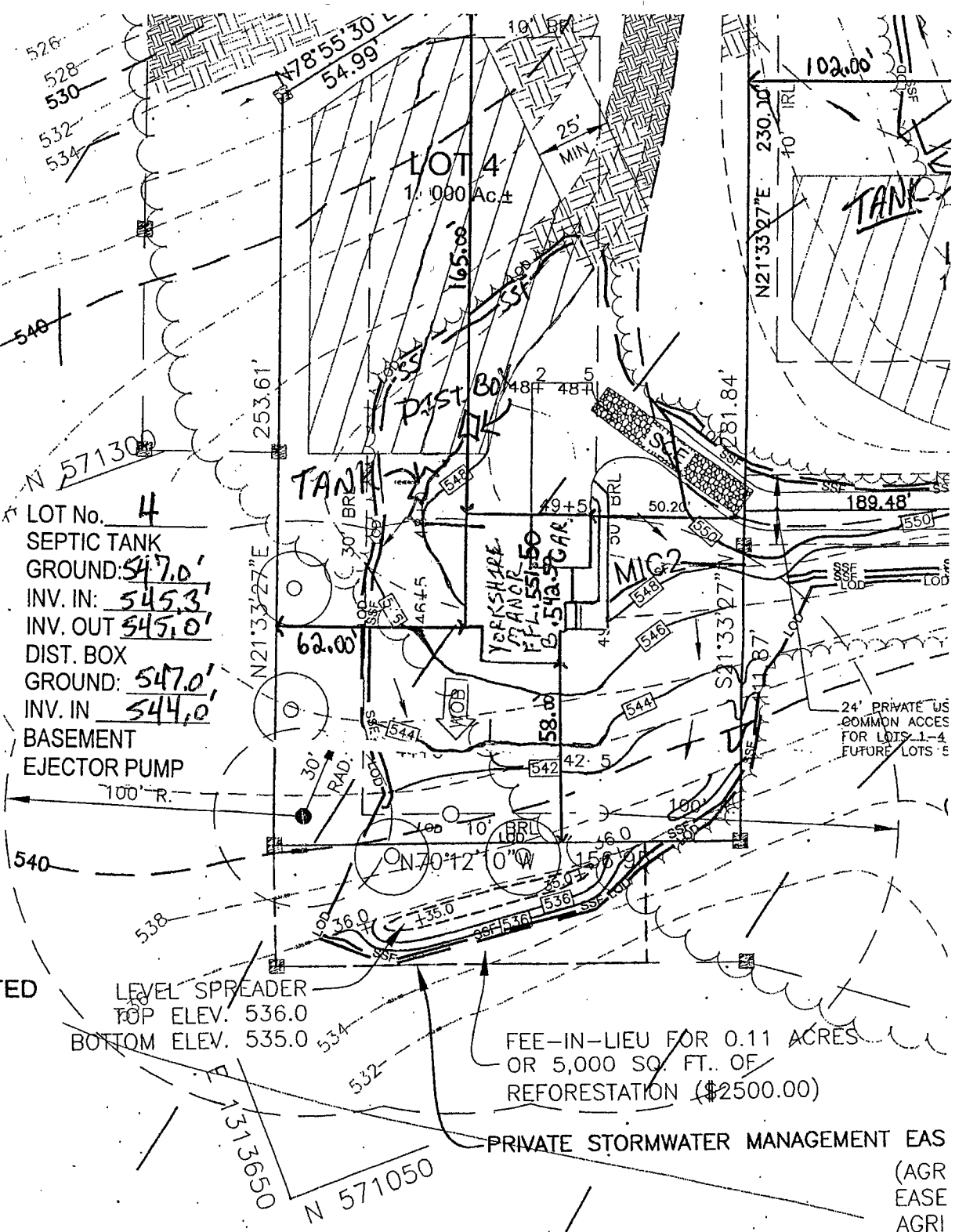
THE EXISTING WELL SHOWN ON LOT 4  
TAG NO. \_\_\_\_\_ HAS BEEN FIELD LOCATED  
BY ROBERT H. VOGEL ENGINEERING, INC.

BUILDING OF LOT 4 FLOOR AREAS:

BASEMENT FLOOR AREA: 1580  
FIRST FLOOR AREA: 1605  
SECOND FLOOR AREA: 1495

NOTE: STORMWATER MANAGEMENT FOR THESE  
LOTS IS PROVIDED BY 2 MICROPOOL EXTENDED  
DETENTION PONDS AND ONE BIORETENTION  
FACILITY APPROVED UNDER F-06-130. RAINGARDENS  
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BUILDING PERMIT NO. \_\_\_\_\_

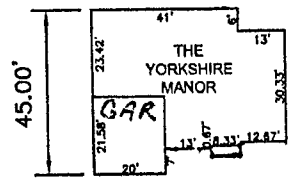
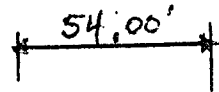


FEE-IN-LIEU FOR 0.11 ACRES  
OR 5,000 SQ. FT. OF  
REFORESTATION (\$2500.00)

PRIVATE STORMWATER MANAGEMENT EAS  
(AGR  
EASE  
AGRI  
PROC)

Sheet (1-50)

50 SCALE



PLANS HAVE BEEN REVIEWED FOR HOWARD COUNTY  
CONSERVATION DISTRICT AND MEET THE TECHNICAL  
REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

*Michael* 7/20/06  
NATURAL RESOURCES  
CONSERVATION SERVICE DATE

PLANS FOR SOIL EROSION AND SEDIMENT CONTROL  
MEET THE REQUIREMENTS OF THE HOWARD SOIL  
CONSERVATION DISTRICT.

*Michael* 7/20/06  
SCD DATE

BY THE ENGINEER

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

*Mike Razavi* 7/18/06  
SIGNATURE OF ENGINEER DATE  
MIKE RAZAVI, P.E.

"I/WE CERTIFY  
THAT ALL WORK TO BE DONE IN ACCORDANCE WITH THE  
PERSONNEL INVOLVED IN THE PREPARATION OF THIS  
CERTIFICATE OF AT APPROVED TRAINING  
FOR SOIL EROSION BEFORE I

*Michael*  
SIGNATURE OF DE