

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-Q

INSTALLATION

APPROVAL DATE: 7/11/2013

**PERMIT**

A \_\_\_\_\_

**CONSTRUCTION**

PROPERTY ADDRESS: 4035 Candle Light Drive

SUBDIVISION: Castleberry at Ten Oaks

LOT: 32

TAX ID: 05-447348

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: 5

HOUSE SQ. FT. 4,850

APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED

LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>172' 210'</u>	INLET DEPTH: <u>3.5 5</u>
	TRENCH WIDTH: <u>3 2</u>	MAXIMUM BOTTOM DEPTH: <u>7 8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4.5</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 plan. Set distribution box per on upper SDA boundary, 10' from near corner. Install 1 x 52' & 2 x 60' trenches on contour in upper SDA. <u>60', 70' + 80'</u>	

ISSUED BY: Robert Bricker

ISSUE DATE: \_\_\_\_\_

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.**

HO-95-0460

(30)

**TRENCH/DRAINFIELD DATA**

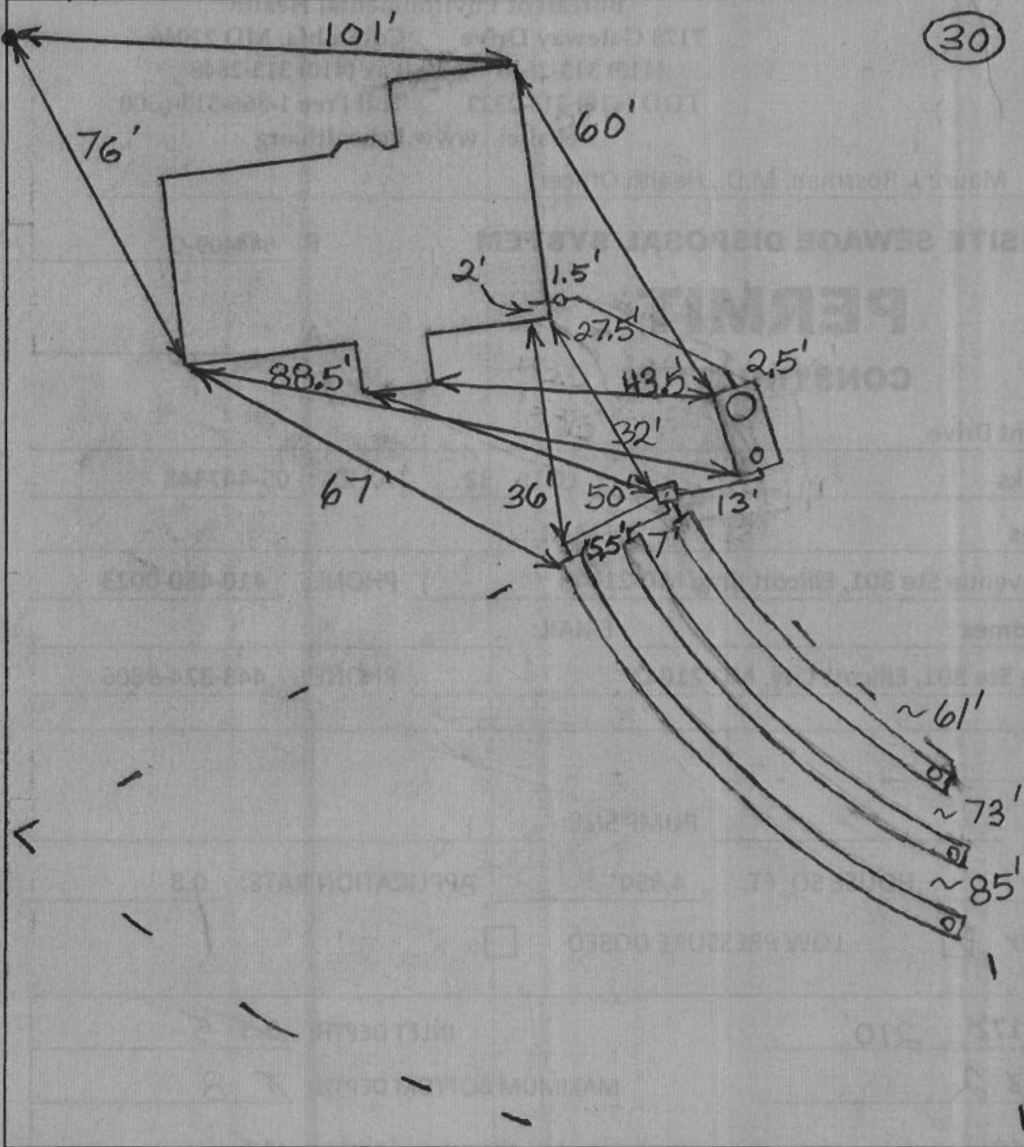
(If Installed/Needed)

WIDTH      INLET      BOTTOM  
2'      5'      8'  
 NUMBER OF TRENCHES 3  
 TOTAL LENGTH ~219'  
 ABSORPTION AREA 657±  
 DIST. BOX LEVEL Levelers  
 DIST. BOX BAFFLE Yes  
 DIST. BOX PORT Yes

**HOOT 600 GPD BNR SYSTEM**

BAY RESTORATION FUND

MANUFACTURER Babylon  
 CAPACITY 2000 GAL  
 SEAM LOCATION Top  
 TANK LID DEPTH 2-2.5'  
~~MANHOLE~~ BAFFLES Yes  
 MANHOLE LOC Front  
 6" PORT LOC Rear  
 WATERTIGHT TEST No  
 AERATOR FUNCTIONING N/A  
 ALARM FUNCTIONING N/A  
 DATE ON LID 5/20/2013  
Slotted



7/5/2013 I install a 60', 70' and 80' trench on contour across the top of the easement. Set the tank near the top corner of the easement. (BB)

7/10/2013 Tank and dist. box set. Top trench done. House connection made. (BB)

7/11/2013 System finished. O.K. to backfill. (BB)

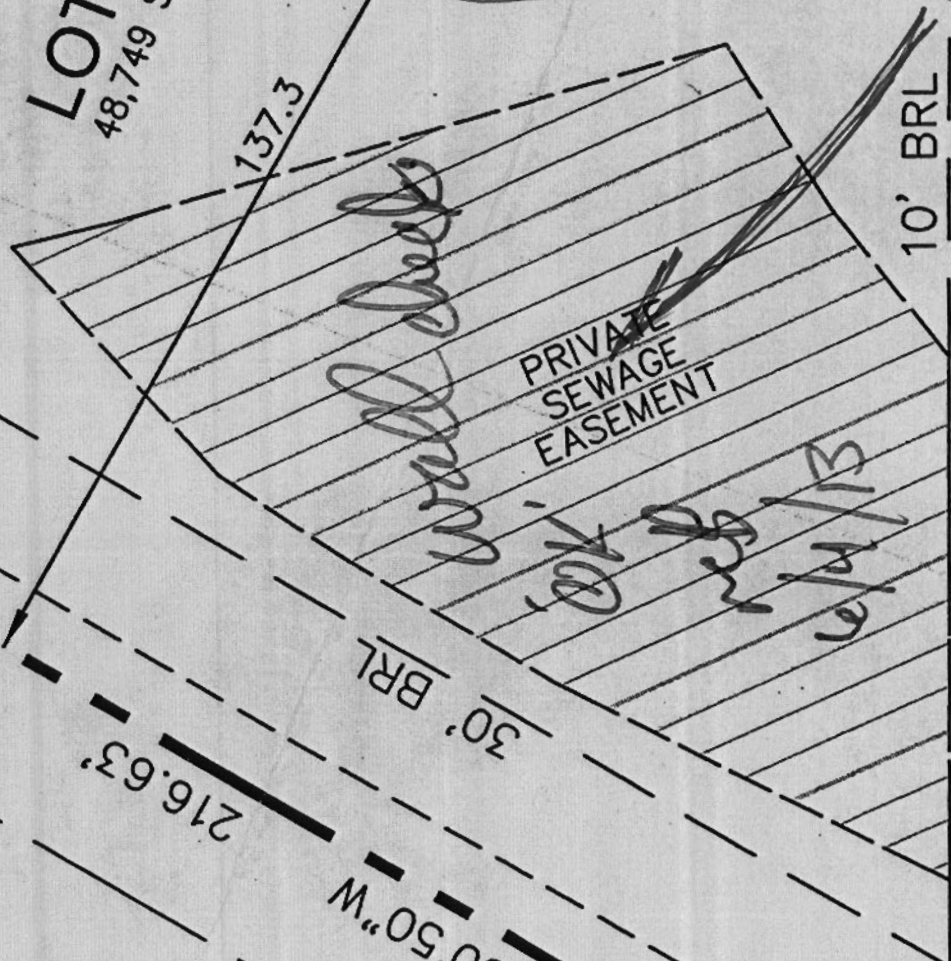
FINAL INSPECTOR B. Baker

DATE OF APPROVAL 7/11/2013

R= 570.00' L=1/1.14

S16°31'46"E 215.16'  
10' BRL

LOT 32  
48,749 SQ.FT.



PRIVATE SEWAGE EASEMENT

POURED CONCRETE FOUNDATION  
T/W=622.7'

EX. WELL  
HO-950460

50' BRL

58.2'

1" ~ 30'

PLAT OF  
OAKWOOD FOREST  
LOT 2  
PLAT NO. 6577

N81°30'50"W

216.63'

30' BRL

10' BRL

63.5'

59.3'

30.0'

27.0'

27.0'

8.0'

11.0'

8.0'

20.3'

10.0'

2.1'

4.6'

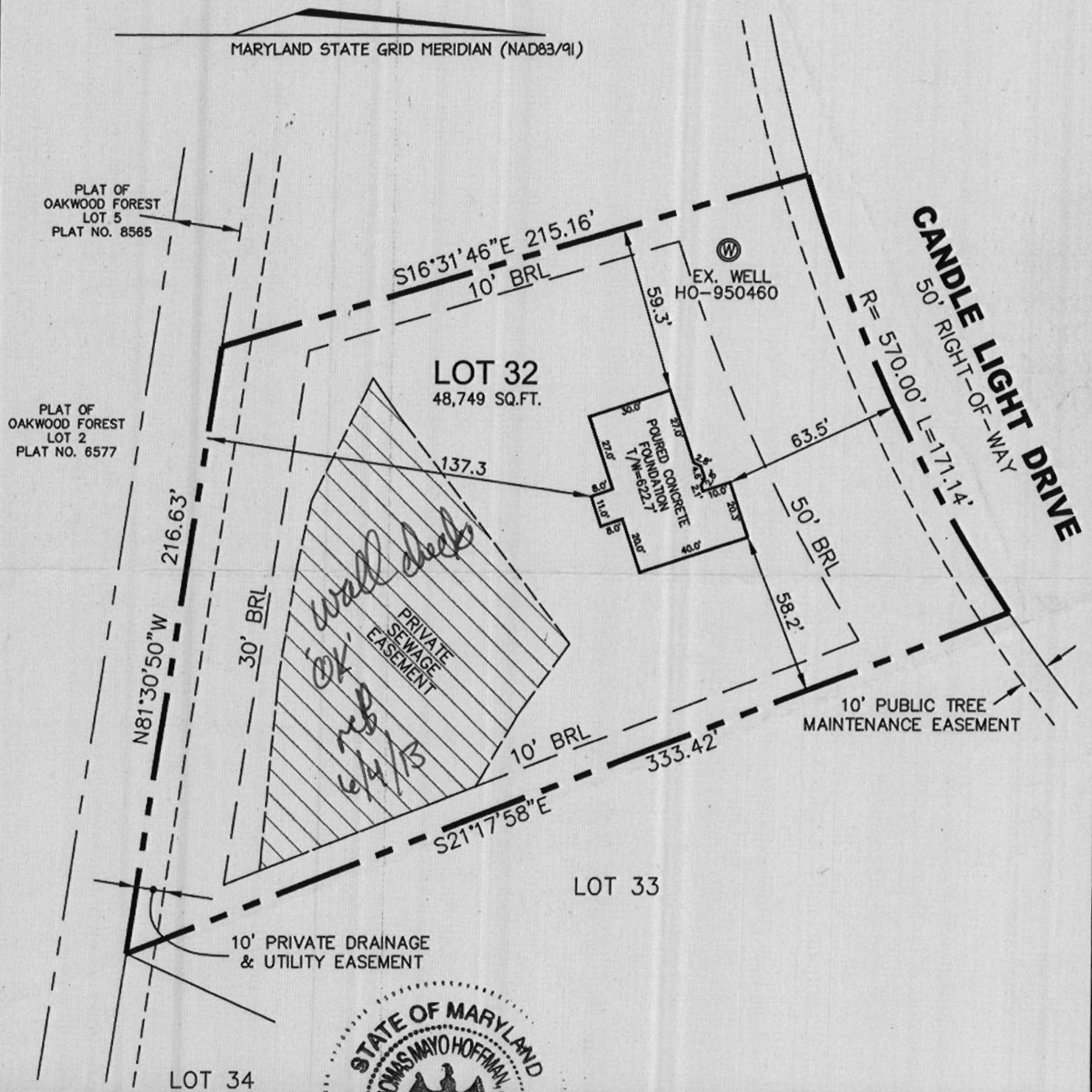
2.6'

101

92

OK  
res  
6/14/13

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



I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

PROFESSIONAL CERTIFICATION; I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 267, EXPIRATION DATE JULY 28, 2014.

*Thomas M Hoffman Jr*  
 THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE **6-03-13**

BUILDING PERMIT# B12002174

SCALE 1" = 50'	DATE 06/02/13	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 4035 CANDLE LIGHT DRIVE LOT 32 CASTLEBERRY AT TEN OAKS PLAT No. 19101 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY B.D.A.	CHECKED BY T.M.H.		
PLAT NUMBER 0096-19109	JOB NUMBER 00-85.01		