

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 544449-D

INSTALLATION

APPROVAL DATE: 7/15/2013

**PERMIT**

A 516057

**CONSTRUCTION**

PROPERTY ADDRESS: 15323 Sweetbay Street

SUBDIVISION: Belle Haven Estates

LOT: 8 TAX ID: 04-373715

CONTRACTOR: K Hovnanian Homes

EMAIL: Khov.com

CONTRACTOR ADDRESS: 1802 Brightseat Road

PHONE: 301-683-6268

PROPERTY OWNER: K Hovnanian Homes

EMAIL: \_\_\_\_\_

OWNER ADDRESS: Same as above

PHONE: \_\_\_\_\_

SEPTIC TANK SIZE (GALLONS): 2000

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

PUMP SIZE: \_\_\_\_\_

NUMBER OF BEDROOMS: 5

HOUSE SQ. FT. 7,027

APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED ☐

LOW PRESSURE DOSED ☐

|           |  |  |
|-----------|--|--|
| TRENCHES: | LINEAR FEET REQUIRED: <u>130' 192'</u>   | INLET DEPTH: <u>5'</u>                   |
|           | TRENCH WIDTH: <u>3</u>   | MAXIMUM BOTTOM DEPTH: <u>7'</u>          |
|           | MINIMUM SPACE BETWEEN TRENCHES: <u>11</u>  | EFFECTIVE AREA BEGINNING DEPTH: <u>4</u> |
| LOCATION: | PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.                           |  |
| NOTES:    | Set septic tank per plan. Set distribution box at near corner of septic reserve. Install 1 40' and 2 x 45' trenches on contour.<br><u>45', 45', 50' + 52' Trenches</u> |  |

ISSUED BY: Robert Bricker

ISSUE DATE: 7-26-13

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.**

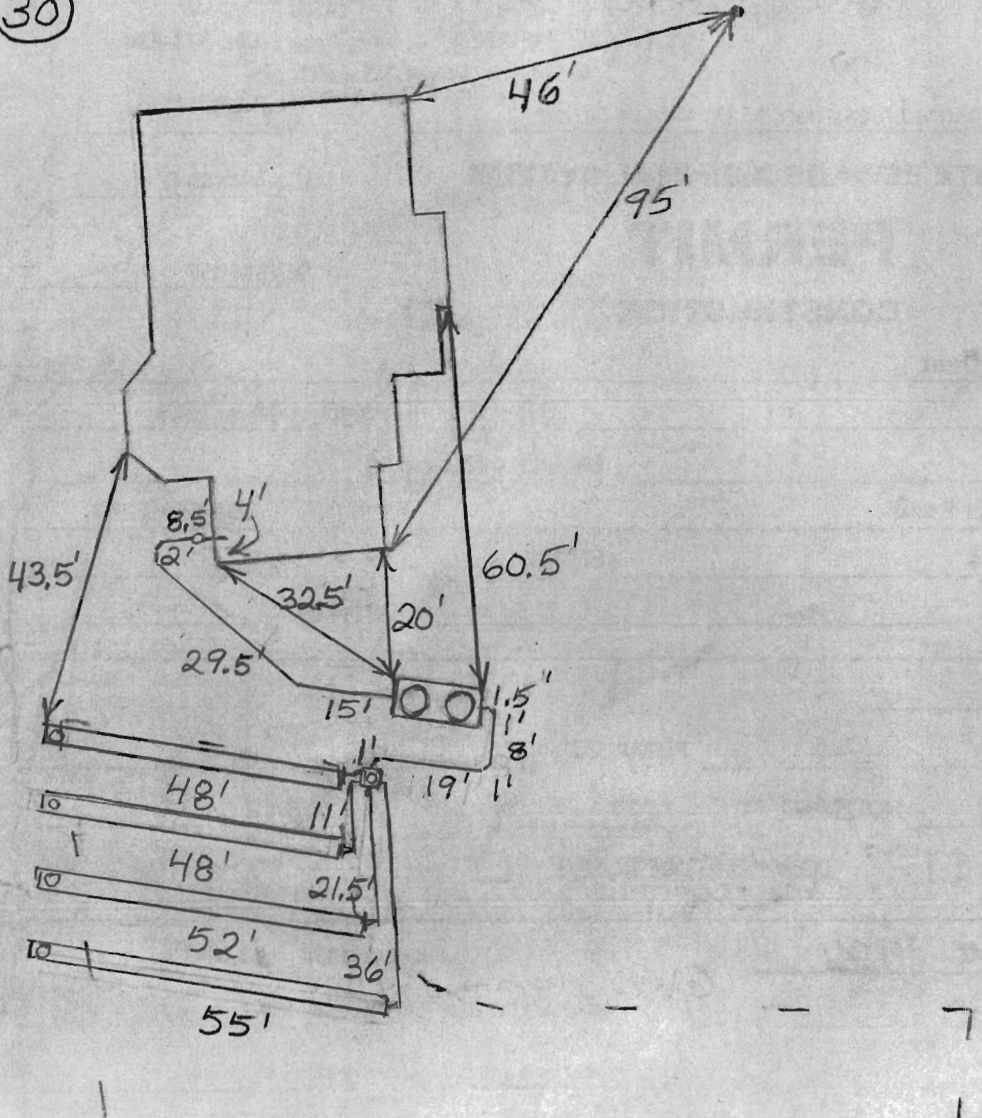
**PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

**CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

(30)

NOT TO SCALE

HO-95-0662

**TRENCH/DRAINFIELD DATA**

| WIDTH                   | INLET | BOTTOM         |
|-------------------------|-------|----------------|
| 3'                      | 5'    | 7'             |
| NUMBER OF TRENCHES      |       | 4              |
| TOTAL LENGTH            |       | 203'           |
| ABSORPTION AREA         |       | 609 + Sidewall |
| DISTRIBUTION BOX LEVEL  |       | Levelers       |
| DISTRIBUTION BOX BAFFLE |       | Yes            |
| DISTRIBUTION BOX PORT   |       | Yes            |

**SEPTIC TANK DATA**

|                     |              |
|---------------------|--------------|
| SEPTIC TANK 1 LEVEL | Yes          |
| MANUFACTURER        | Mayer        |
| CAPACITY            | 2000 GAL     |
| SEAM LOC            | Top          |
| TANK LID DEPTH      | 3-4.5'       |
| BAFFLES             | Yes          |
| BAFFLE FILTER       | No           |
| MANHOLE LOC         | Front + Rear |
| 6" PORT LOC         | None         |
| WATERTIGHT TEST     | No           |
| SLOTTED             | Yes          |
| DATE ON LID         | Dry          |

**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:**

6/10/2013 Septic easement must be at least partially restaked before trench layout is done. Set the tank 20' from the side of the house that faces the easement. (BB)

7/2/13 Most septic area stakes present, contour shot. Install 4 trenches across short area. (45', 45', 50', 55'). Dbox to be set @ top-right septic corner. Call for insp. (Kul)

**INSTALLATION:**

7/5/2013 No work done. No one on site. (BB)

7/9/2013 Installer requested to make trench inlet deeper to have adequate fall. O.K. to go 5'-7'. (BB)

7/9/2013 Tank set. Finished layout. Tank too deep. (BB)

7/11/2013 Trenches finished. Need to plumb components. Contractor/builder said that the grade around the tank will be lowered by one foot. (BB)

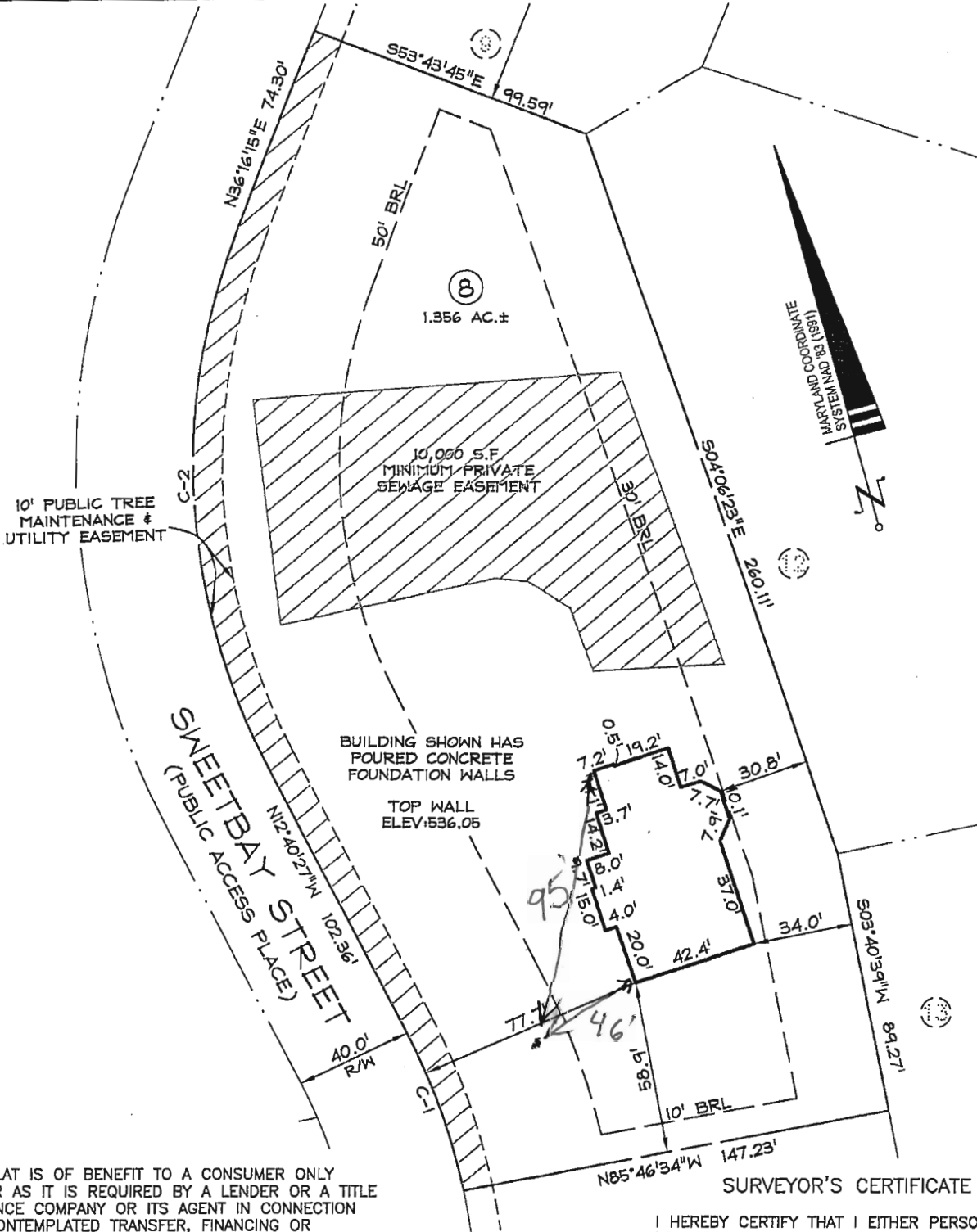
7/15/2013 System finished.

FINAL INSPECTOR B. Baker DATE OF APPROVAL 7/15/2013

O.K. to backfill. Manhole risers are 3.5' tall. (BB)



| CURVE TABLE |        |         |           |         |             |            |
|-------------|--------|---------|-----------|---------|-------------|------------|
| CURVE       | RADIUS | LENGTH  | DELTA     | TAN     | CHD. BRG.   | CHD. DIST. |
| C-1         | 220.00 | 58.81'  | 15°18'59" | 29.58'  | N05°00'58"W | 58.64'     |
| C-2         | 220.00 | 187.93' | 48°56'42" | 100.13' | N11°47'54"E | 182.27'    |



NOTES:

- THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
- THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
- THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT THIS IDENTIFICATION MAY NOT BE REQUIRED, FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
- THE ACCURACY OF THE APPARENT SETBACK DIMENSIONS FROM THE PROPERTY LINES TO THE IMPROVEMENTS IS WITHIN 1 FOOT OF BEING GREATER THAN OR LESS THAN THE DIMENSIONS SHOWN.
- THE BEARINGS SHOWN HEREON ARE BASED ON THE MARYLAND COORDINATE SYSTEM NAD '83 (1991).
- THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE "C" (AREAS OF MINIMAL FLOODING) AS SHOWN ON FLOOD INSURANCE RATE MAP NO.240044 0014B. DATED 12-4-86.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I EITHER PERSONALLY PREPARED OR WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS DRAWING AND THE SURVEYING WORK REFLECTED IN IT, AND THAT IT IS IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN REGULATION .12 OF CHAPTER 06, MINIMUM STANDARDS OF PRACTICE.

I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 239, EXPIRATION DATE 7/6/14.

*Robert B. Southard*



4-8-12

LOCATION DRAWING / WALL CHECK  
15323 SWEETBAY STREET  
LOT 8  
BELLE HAVEN ESTATES  
PLAT No. 19949

ELECTION DIST. No.4 HOWARD COUNTY, MD

|           |            |
|-----------|------------|
| DDC JOB#: | 06116.5    |
| DATE:     | 04-05-2013 |
| SCALE:    | 1"=50'     |
| DRN. BY:  | DAP        |
| CHK. BY:  | RBS        |



Planners  
Surveyors  
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Landscape Architects

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