

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: 12/18/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544458-X

INSTALLATION APPROVAL DATE: 12/18/13 **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 14854 Meriwether Drive

SUBDIVISION: Cattail Overlook LOT: 37 TAX ID: 04-593678

CONTRACTOR: Fogle's Septic Clean Inc. EMAIL: kurt@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784 PHONE: 410-795-5670

PROPERTY OWNER: Toll Brothers Inc. EMAIL: kmonath@tollbrothersinc.com

OWNER ADDRESS: 7164 Columbia Gateway Drive, Columbia, MD 21046 PHONE: 301-252-4412

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: _____

NUMBER OF BEDROOMS: 5 HOUSE SQ. FT. 9,588 APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

| | | |
|-----------|---|---|
| TRENCHES: | LINEAR FEET REQUIRED: <u>195 200'</u> | INLET DEPTH: <u>0 4'</u> |
| | TRENCH WIDTH: <u>3</u> | MAXIMUM BOTTOM DEPTH: <u>7</u> |
| | MINIMUM SPACE BETWEEN TRENCHES: <u>9</u> | EFFECTIVE AREA BEGINNING DEPTH: <u>5 6'</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 per layout inspection. Install 3 x 65' trenches on contour. Trench design depths are adjusted for graded surface. Depth of trench bottom to be referenced at end nearer to foundation. <u>11/13/2013 Specs. questionable but can't be changed (PB)</u> <u>40', 80' + 80'</u> | |

ISSUED BY: Robert Bricker ISSUE DATE: _____ EXPIRATION DATE: 12/18/13

- 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 DOWNGRADE 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

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

3' 4 7

NUMBER OF TRENCHES 3

TOTAL LENGTH 200'

ABSORPTION AREA

DISTRIBUTION BOX LEVEL

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

See As-Built Drawing
On Separate Sheet

SEPTIC TANK DATA

SEPTIC TANK I LEVEL Yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 2'

BAFFLES Yes

BAFFLE FILTER

MANHOLE LOC Front/Rear

6" PORT LOC none

WATERTIGHT TEST

SLOTTED Yes

DATE ON LID 11-4-13

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

ROAD NAME

PRE-CONSTRUCTION:

11/13/2013 Full equipment on easement. Can't do layout. (BB)

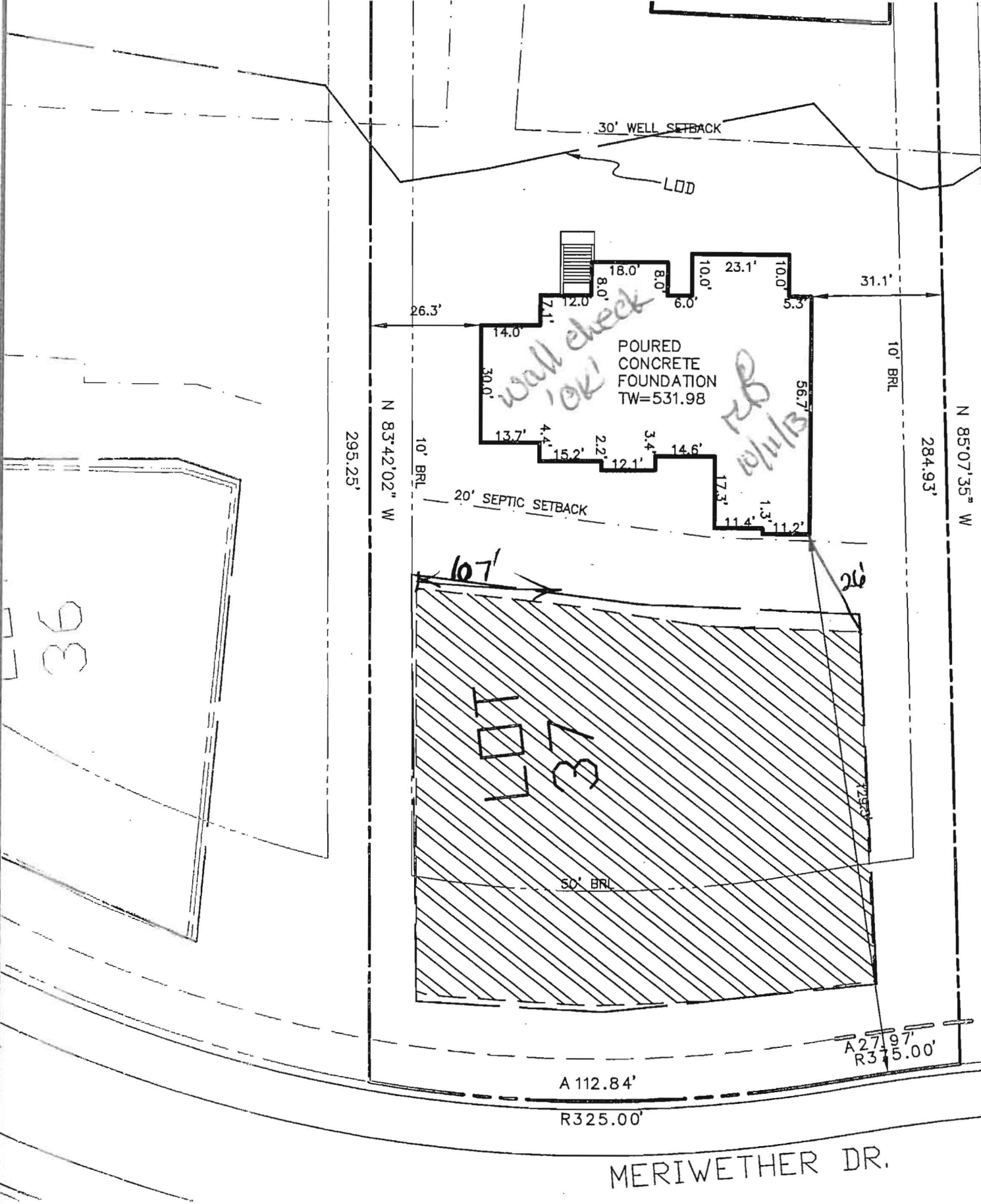
12/11/2013 Tank location given. Dumpster on top of easement. (BB)

12/12/2013

INSTALLATION: 12/13/13 Tank set 110' away to D box. Lower 2 trenches installed. Unsure of contractor's end trench placement. Walked SRA over w/ contractor. Not same person on layout. Told me that trenches were painted out in field as installed. 12/16/13 System complete. Need to level D box (KW) 12/18/13 D box leveled

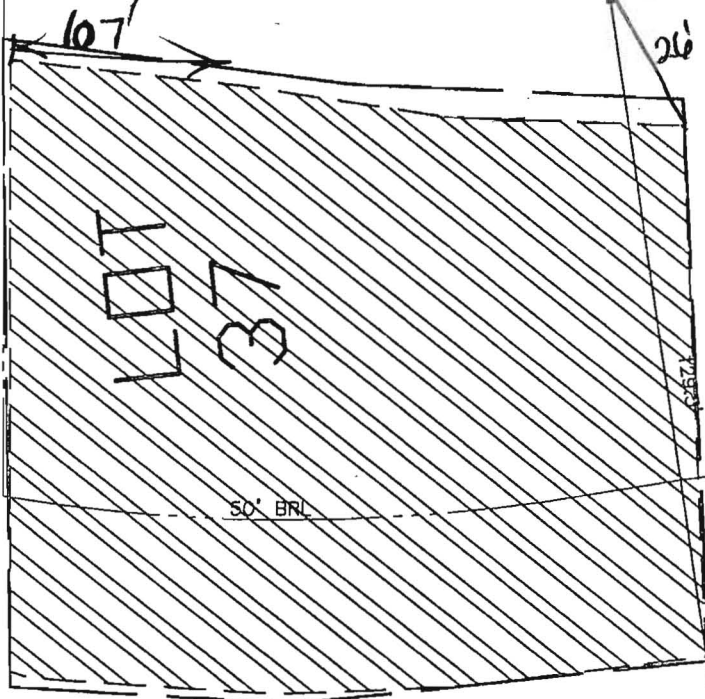
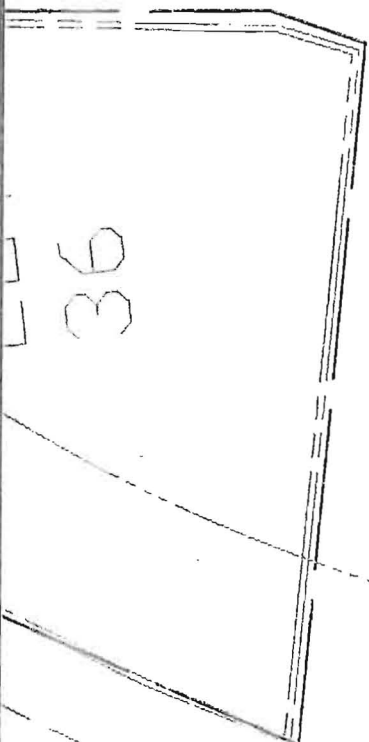
FINAL INSPECTOR R. Waf

DATE OF APPROVAL 12/18/13



wall check ok!

728 10/11/13

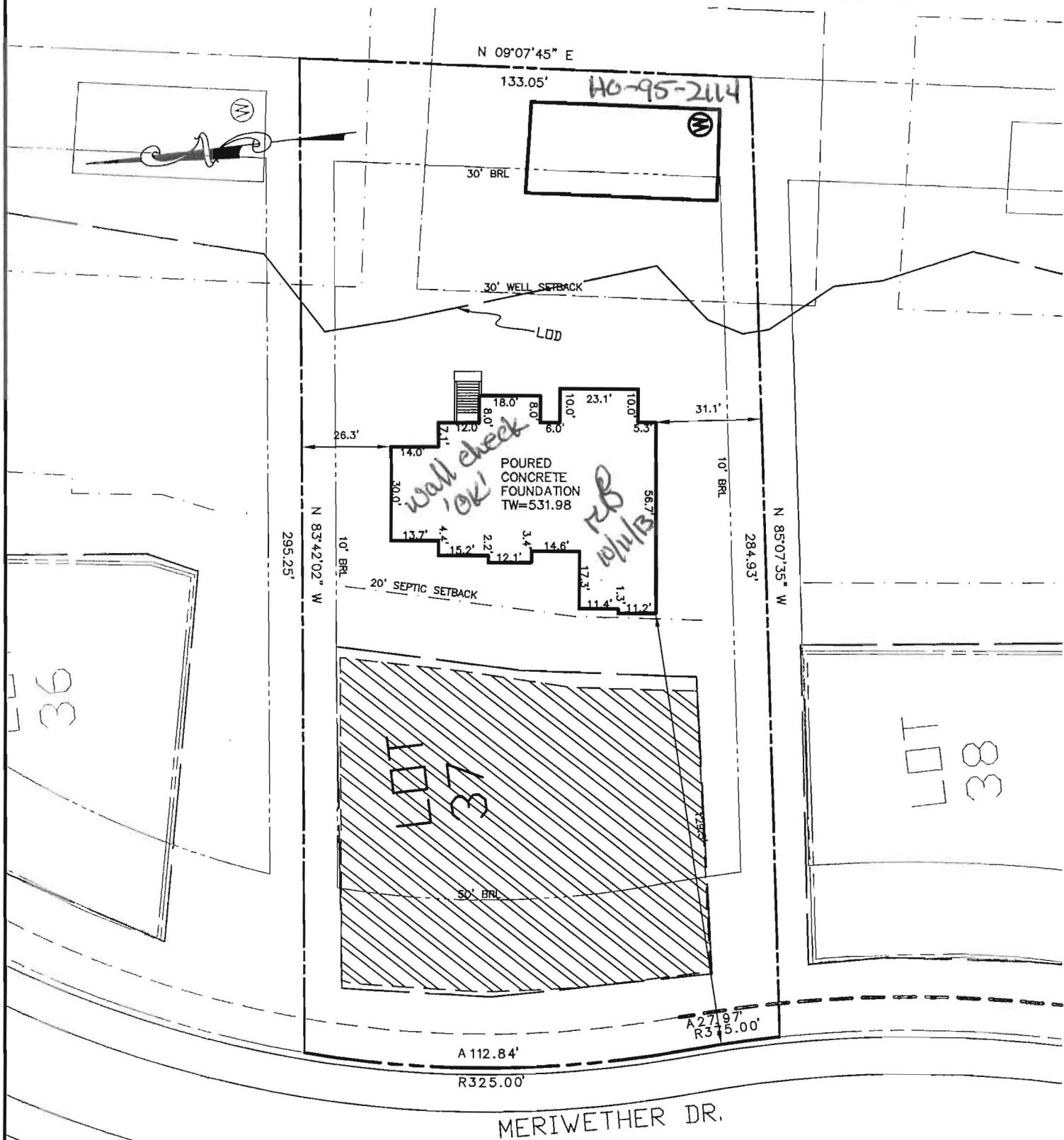


BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

SURVEYOR'S NOTE

WALL

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/13: 15



BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

ADDRESS: 14854 MERIWETHER DRIVE
GLENELG, MD 21737

SURVEYOR'S NOTE

THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED. THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

SIGNATURE: *Michael Joe Boyce* 21328 MD. LIC. NO. DATE: 10/11/13

WALL CHECK
LOT #37
MERIWETHER FARMS
LIBER 12124, FOLIO 120
PLAT No. 21769, ET SEQ.
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND



ESE Consultants Inc.
7164 Columbia Gateway Dr.
Suite 203
Columbia, MD 21046
TEL: 410-872-9105
FAX: 410-872-4870

DATE: 10/11/13 SCALE: 1"=40' FILE: Lot 37
CHK'D: M.J.B. JOB#: 3184 DRAWN: JLN

THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-2114 HAS BEEN FIELD LOCATED BY ESE CONSULTANTS, INC.- PROFESSIONAL LAND SURVEYOR(S), AND IS ACCURATELY SHOWN.

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDATION OF A MODIFIED EASEMENT PLAT SHALL NOT BE NECESSARY.

THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR MERIWETHER FARMS, PLAT No. 21769, ET SEQ. REFER TO THIS PLAT FOR ANY RESTRICTIONS AND/OR PROVISIONS.

SWM FOR THIS LOT IS MANAGED PER PLAN F-09-044

E & S CONTROLS PER PLAN F-09-044

CULVERT FOR DRIVEWAY PER F-09-044

ADDRESS: 14854 MERIWETHER DRIVE
GLENELG, MD 21737

TOPOGRAPHIC INFORMATION ESTABLISHED AT TWO FOOT INTERVALS BASED ON AERIAL TOPOGRAPHY PROVIDED TO ESE BY FISHER, COLLINS & CARTER, INC.

| | |
|-----------------------|-------|
| INV. @ HOUSE | 526.1 |
| GROUND @ INV. @ HOUSE | 530.0 |
| INV. IN TANK | 525.9 |
| INV. OUT TANK | 525.6 |
| TOP OF TANK | 526.6 |
| GROUND OVER TANK | 528.5 |
| INV. IN DIST. BOX | 525.3 |
| INV. OUT DIST. BOX | 525.0 |
| GROUND @ BOX | 528.0 |

BASEMENT DOES NOT GRAVITY SEWER

THE INITIAL SEPTIC SYSTEM DISTRIBUTION TRENCHES MUST BE INSTALLED IN THE UPPERMOST PORTION OF THE SEPTIC RESERVE AREA.

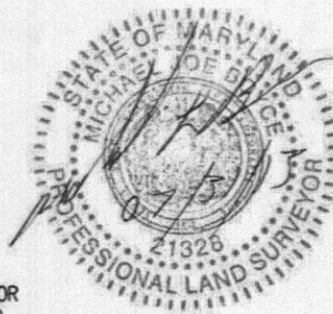
IF THE ELEVATION OF THE HOUSE SEWER IS DIFFERENT THAN THAT SHOWN ON THIS PLAN AT TIME THAT THE SEWER HOUSE CONNECTION (SHC) IS COMPLETED, THE ATTENDING ENVIRONMENTAL SANITARIAN MAY REQUIRE INSTALLATION OF A PUMP AND PUMP CHAMBER TO DELIVER SEPTIC TANK EFFLUENT TO THE UPPERMOST PORTION OF THE SEPTIC RESERVE AREA.



Approved Septic System Plan
Howard County Health Department
B13002408
5-Bedroom SFD
approved as shown
Signature: [Signature]
Date: 8/7/13

MD-CRID-PLAT 21769

- TYPE: HARDING COUNTRY MANOR
- 018 - DAYLIGHT BASEMENT
- Under Study
- 035 - GUEST ELITE SUITE
- 070 - ADD 1' TO HEIGHT OF BASEMENT FOUNDATION WALLS
- 121 - PLAYROOM
- 263020 - ALTERNATE ELITE ENTRY
- 501 - SOLARIUM ADDITION



PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/08/15.

PLOT PLAN
LOT #37
MERIWETHER FARMS

LIBER 12124, FOLIO 120
PLAT No. 21769, ET SEQ.
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND



ESE Consultants Inc.
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DATE: 07/31/13
CHK'D: MJB

SCALE: 1"=40'
JOB#: 3184

FILE: LOT 37 HARDING COUNT. MANOR
DRAWN: RWA