

LAYOUT 4/21/2006 INSP 4 \_\_\_\_\_  
INSP 2 4/26/2006 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 4/7/06

# PERMIT

P 524396

APPROVAL DATE: 4/27/2006

A 516084

TAX ID #03-345033

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

Van Sant Plumbing & Heating IS PERMITTED TO INSTALL  ALTER

ADDRESS: 2701 Back Acre Circle PHONE NUMBER: 301-829-0444

SUBDIVISION: Riverwood LOT NUMBER: 1

ADDRESS: Castlebridge PROPERTY OWNER: Winchester Homes

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): n/a COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 200 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box in the highest elevation of the approved SDA.
NOTES:	System sized for a 5 bedroom dwelling. Septic system will be used temporarily to support a Sales Trailer. Install 4-50' trenches. Keep septic tank as close to the distribution box as possible.

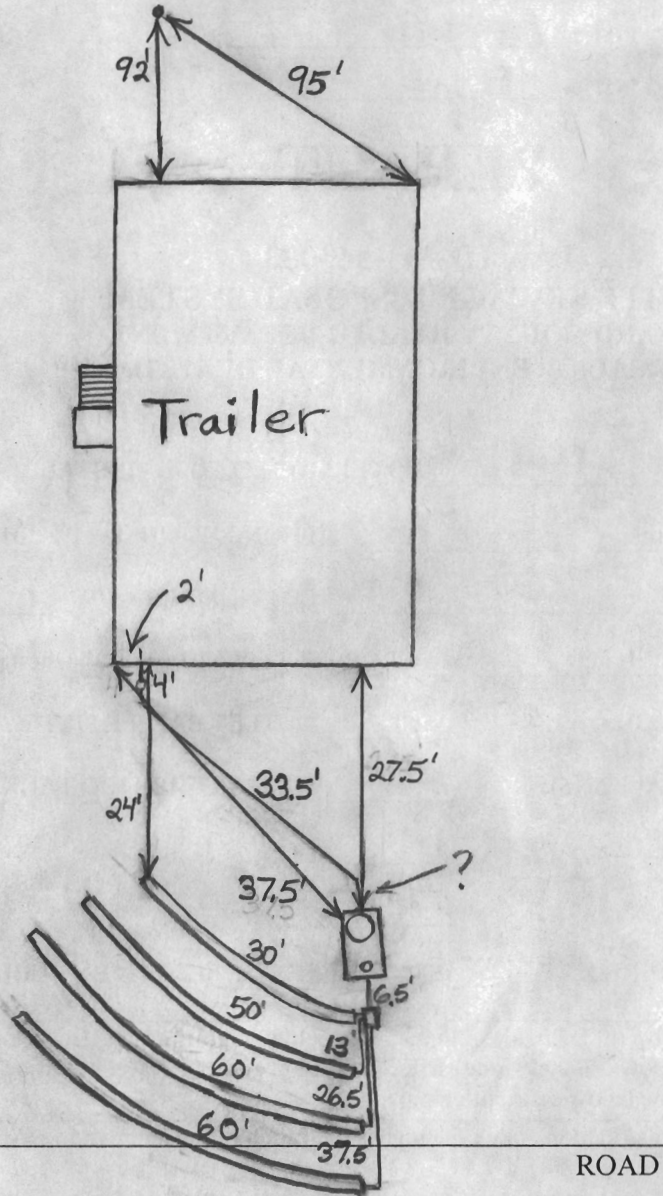
PLANS APPROVED: S. Oster Reviewed by: \_\_\_\_\_ DATE: 3/30/2006

NOTES: PERMIT VOID AFTER 2 YEARS  
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**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 FOR INSPECTION OF SEPTIC SYSTEM**

HO-94-4002

NOT TO SCALE

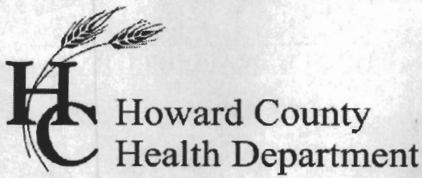


TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'	5.5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		200'
ABSORPTION AREA		600 + Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'-2'
BAFFLES	Yes
BAFFLE FILTER	None
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 4/21/06 Install 4 - (40'-55') trenches. The bottom 2 trenches can go out of the easement area about 5 feet  
 INSTALLATION in order to make up 200' of trench. Tank installed (BB)  
 4/26/06 Top 2 trenches done. O.K. to make bottom 2 trenches ~ 60' in length to get 200' of trench. (BB)  
 4/27/06 Trailer connection made. Trenches installed. Have to apply for another permit when house connected to system. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 4/27/06



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: <sup>28</sup> 8/28/13

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 545134

INSTALLATION APPROVAL DATE: 10/3/2013

**PERMIT**

A \_\_\_\_\_

**SEWER HOUSE CONNECTION**

PROPERTY ADDRESS: 4804 Castlebridge Road

SUBDIVISION: Riverwood LOT: 1 TAX ID: 03-345033

CONTRACTOR: Hatfield's Equipment EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: P.O. Box 519, Annapolis Junction, MD 20701 PHONE: 410-984-0447

PROPERTY OWNER: Winchester Homes EMAIL: carolpermits@broadstripe.net

OWNER ADDRESS: 6905 Rockledge Drive Ste 800, Bethesda, MD 20817 PHONE: 410-279-1624

NUMBER OF BEDROOMS: 2000 HOUSE SQ. FT. 1250 Pump Tank CONNECTED TO PUBLIC WATER:  YES  NO

LOCATION:	INSTALL 4" SEWER LINE PER APPROVED SITE PLAN.
NOTES:	

ISSUED BY: Dana Bernard ISSUE DATE: 8/28/13 EXPIRATION DATE: 8/28/14

**NOTE: HOWARD COUNTY BUREAU OF UTILITIES APPROVAL OF GRINDER PUMP INSTALLATION IS REQUIRED PRIOR TO SEPTIC PERMIT APPROVAL**

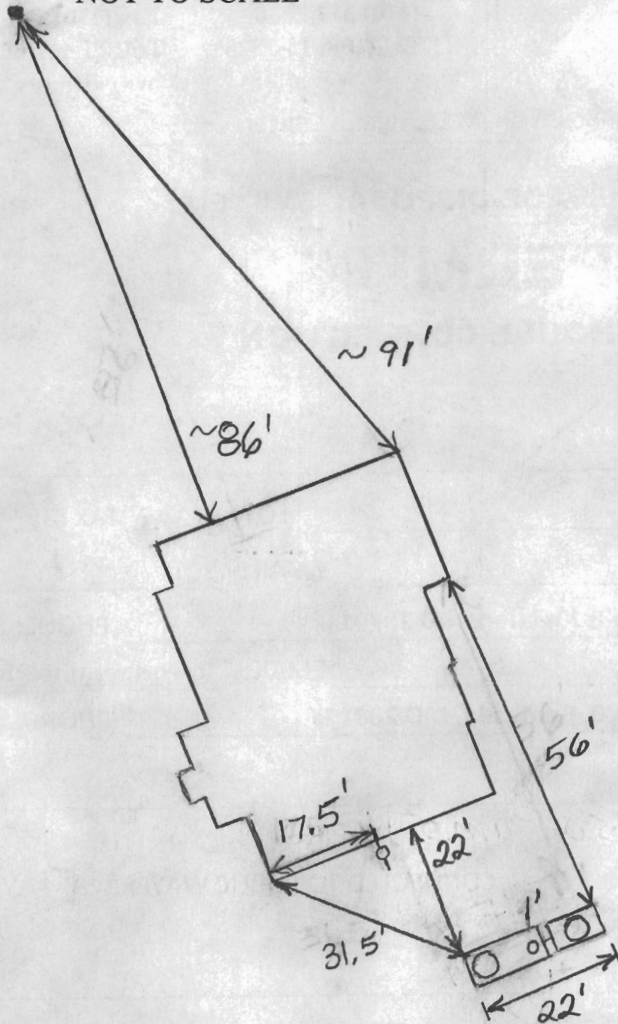
**NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING**

**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 FOR INSPECTION OF SEPTIC SYSTEM.**

HO-94-4002

NOT TO SCALE



ROAD NAME

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'-3.5'
BAFFLES	_____
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	_____
DATE ON LID	_____
PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	Babylon
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2-4'
BAFFLES	_____
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Nope
WATERTIGHT TEST	No
SLOTTED	_____
DATE ON LID	_____

PRE-CONSTRUCTION:

9/11/2013 O.K. to set tanks ~ middle of back of house, keep tanks out of swale. BB

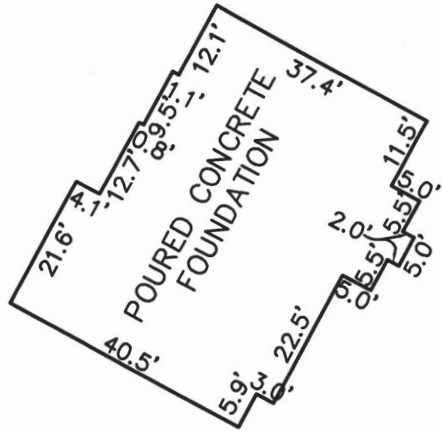
INSTALLATION:

9/18/2013 Tanks installed and covered. Got what info I could. Installer supposed to submit pictures. BB

10/3/2013 Installer showed pictures of installation. BB

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 10/3/2013



FOUNDATION DETAIL  
SCALE: 1" = 30'

CASTLEBRIDGE ROAD  
PUBLIC ROAD - R/W VARIES

N84°01'49"E  
26.76'

S 55°47'07" E  
197.74'

NON-BUILDABLE PARCEL - B  
PRESERVATION PARCEL - B  
DEDICATED TO HOWARD COUNTY, MARYLAND  
HOMEOWNERS ASSOCIATION EASEMENT HOLDER  
BUFFER

ALBERT W. HARRISON, JR.  
MARY P. HARRISON  
11301 MCGEE WAY  
318 AC. ±  
LOT 1

Wall check OK  
DB  
8-28-13

GRID NORTH

**SURVEYOR'S CERTIFICATE**

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. 21320, EXPIRATION DATE 1-7-2015 AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS, SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 08/21/13.

*Donald A. Mason*  
DONALD A. MASON  
PROFESSIONAL LAND SURVEYOR  
MD REG. No. 21320  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
FEMA FIRM No. 240044 0027 C  
ZONE: X  
DATED: 04/02/97



TOP OF FOUNDATION WALL ELEVATION = 402.4'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

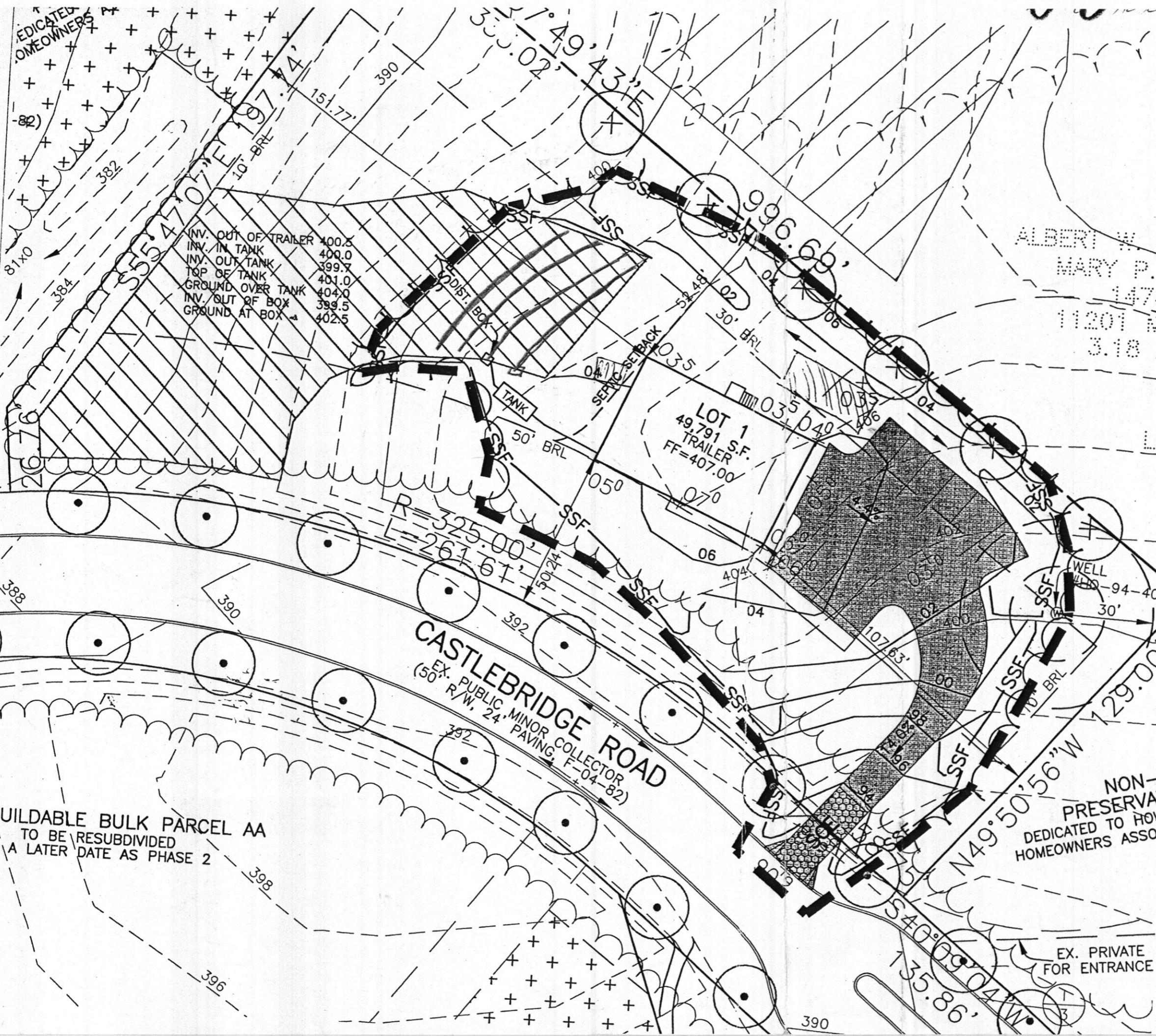
WALL CHECK  
RIVERWOOD  
PHASE 1  
PLAT No. 18032  
LOT No. 1

4804 CASTLERBRIDGE ROAD

3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' DATE: 08/21/13

FIELD OBS. BY DH  
COMP. BY EWF  
DRAWN BY EWF

BENCHMARK  
ENGINEERS & LAND SURVEYORS & PLANNERS  
ENGINEERING, INC.  
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-465-6105 ▲ fax: 410-465-6644  
www.bei-civilengineering.com



INV. OUT OF TRAILER	400.5
INV. IN TANK	400.0
INV. OUT TANK	399.7
TOP OF TANK	401.0
GROUND OVER TANK	404.0
INV. OUT OF BOX	399.5
GROUND AT BOX	402.5

PROJECT: **RIVERWOOD LOT 1**

LOCATION: **HOMWOOD ROAD  
ELLCOTT CITY, MD 21042**  
 TAX MAP No. 23 - GRID No. 21 - PARCEL No. 83  
 TAX MAP No. 29 - GRID No. 4 - PARCEL No. 20  
 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: **PERMIT PLAN**

HOUSE TYPE: **SALES TRAILER**

DATE: **JULY, 2005** PROJECT NO. **1679**

SCALE: **1" = 30'** DRAWING **1** OF **1**

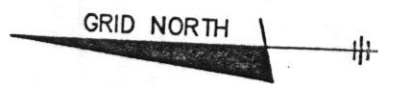
ALBERT W.  
MARY P.  
11201 MOORE WAY  
3.18 AC. +/-

BUILDER:  
**WINCHESTER HOMES, INC.**  
6905 ROCKLEDGE DRIVE  
SUITE 800  
BETHESDA, MD 20817  
PHONE: 301-803-4800  
FAX: 301-803-4929

DESIGN: **JMC** DRAFT: **JMC**

**CASTLEBRIDGE ROAD**  
EX. PUBLIC MINOR COLLECTOR  
(50' R/W, 24' PAVING, F-04-82)

**NON-BUILDABLE  
PRESERVATION PARCEL M**  
DEDICATED TO HOWARD COUNTY, MARYLAND  
HOMEOWNERS ASSOCIATION EASEMENT HOLDER



**BENCHMARK**  
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**  
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-455-8105

**BUILDABLE BULK PARCEL AA**  
TO BE RESUBDIVIDED  
AT A LATER DATE AS PHASE 2