

LAYOUT 7/12/12  
INSP 1 7/13/12 INSP 3 \_\_\_\_\_  
INSP 2 7/16/12 INSP 5 \_\_\_\_\_

ISSUE DATE: 6/28/12

# PERMIT

P 535954

APPROVAL  
DATE:

## SHARED SEPTIC SYSTEM

A

9/7/12

Tax ID # 1403351386

### PUMP TANK AND SEWER LINE CONNECTION TO GRINDER PIT

#### HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

*Hatfield's Equipment (for Winchester Homes)*

PERMITTED TO INSTALL  ALTER

ADDRESS: P.O. Box 519, Annapolis Junction PHONE NUMBER: 301-854-6172

SUBDIVISION RIVERWOOD 2 LOT NUMBER: 50

ADDRESS: 11033 HUNTER'S VIEW ROAD PROPERTY OWNER: WINCHESTER HOMES, INC.

NUMBER OF BEDROOMS: 4

HOUSE SERVED BY PUBLIC WATER? **NO**

*\*Grinder Pump*

LOCATION:	Install 4" house sewer line connection to 2000-gallon pump tank per the approved site plan. Install fusible HDPE to 50 feet beyond any well location, then discharging to gravity sewer line leading to grinder pit. Install cleanouts every 70 feet in SHC and in gravity line to grinder pit. <b>Conditions: 1) Submittal of a pump curve and pump tank detail is required before release of this permit. 2) A Health Department inspector will need to observe the full length of force main/SHC before covering. 3) A Pump and Alarm Inspection is required. 4) The Alarm will be on a separate electrical circuit.</b>
NOTES:	This permit is limited to the installation of the house sewer line, the pump tank, and force main to sewer line connection and installation of the grinder pump, if applicable. The Howard County Bureau of Utilities must be contacted for scheduling of inspection of these items as well, at 410-313-4900.

PLANS APPROVED: ROBERT BRICKER DATE: 5/23/2012

### PERMIT VOID AFTER 2 YEARS

1. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS.
2. ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED.
3. MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED.
4. CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT.
5. NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
6. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

**CALL 410-313-1771 FOR LAYOUT INSPECTION**

NOT TO SCALE

**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** Yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 2'

BAFFLES Front

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

**PUMP/SEPTIC TANK LEVEL** \_\_\_\_\_

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

See As-Built Drawing On Separate Sheet

2 1000g compartments RB

9/17/12 Pump test OK. Alarm OK.  
Things to make note of: Full Dose in pump chamber. very close to spilling over into other side of Duplex grinder pit. Builder/contractor notified. Dose may need to be adjusted

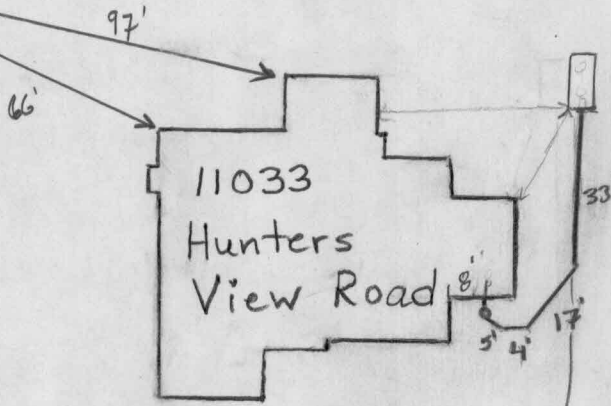
ROAD NAME (KW)

PRE-CONSTRUCTION: 7/12/2012 Gave Jeff (Mattfields) layout over phone. Keep tank at least 20' from the house and all wells. Use one continuous length of HDPE (No Cuts) for pump line, (RB)

INSTALLATION: 7/13/12 No F.M. installed, SHC ran to tank, contractor set 2000g tank w/ a 1000g compartment. An effluent pump (2well .4HP) was spec'd out. Told contractor option to keep tank might have to cut out wall and install grinder pump. more to follow. (KW) 7/16/12 (correspondence) Dialogue w/ JW & RB that Builder and engineer to be notified that 2000g SC tank and an appropriate grinder pump to be utilized. (KW) 7/16/12 F.M. (1.5" HDPE w/ no breaks) installed @ c/a 5' from grinder pump back to pump tank @ house. OK to cover trench. (KW)

FINAL INSPECTOR K. Wolf DATE OF APPROVAL 9/17/12

HO-95-0695



- 1.5" HDPE  
w/ no breaks.

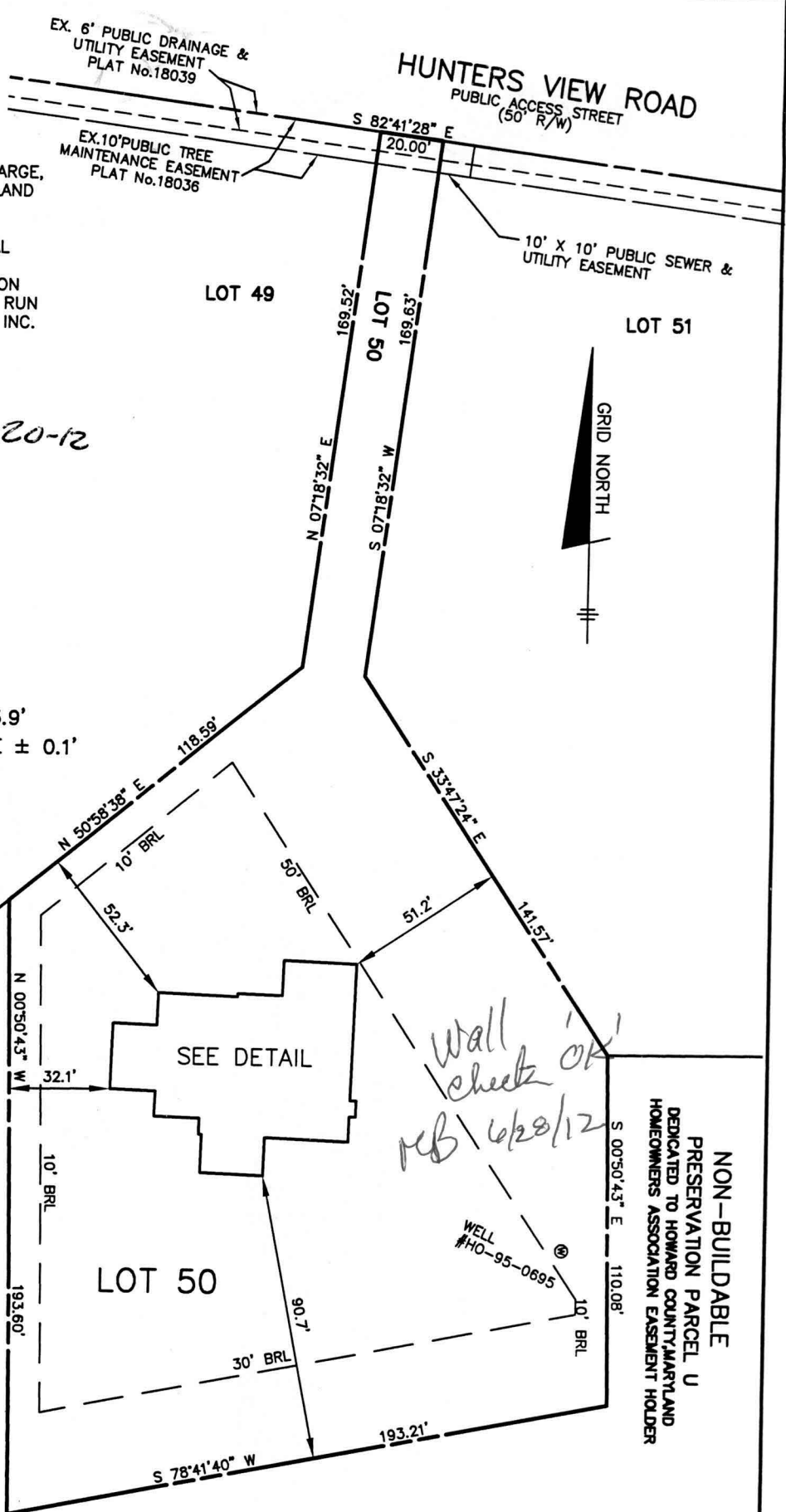
\* Location Approximate.



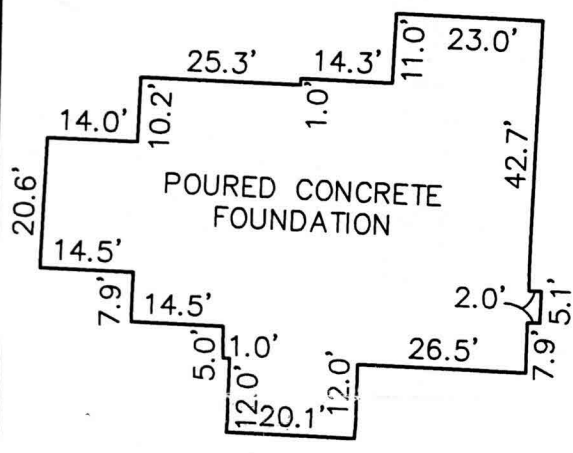
**SURVEYOR'S CERTIFICATE**

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 1-7-2013 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 06/19/12.

*Donald A. Mason*  
 DONALD A. MASON, P.S. No. 21320  
 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 = 463.9'  
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'



**FOUNDATION DETAIL**  
 SCALE: 1" = 30'

*Wall check OK!*  
*MB 6/20/12*

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

**WALL CHECK**  
**RIVERWOOD**  
**PHASE 2**  
**PLAT No. 19722**  
**LOT No. 50**

11033 HUNTERS VIEW ROAD

**BENCHMARK**  
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
 ENGINEERING, INC.  
 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
 ELLICOTT CITY, MARYLAND 21043  
 phone: 410-465-6105 ▲ fax: 410-465-6644  
 www.bei-civilengineering.com

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

3RD ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50' DATE: 06/19/12

## Martin, Sharhonda

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**From:** Pickett, Tom  
**Sent:** Tuesday, September 18, 2012 10:28 AM  
**To:** Scott, Heidi; Day, Lori; Martin, Sharhonda  
**Subject:** FW: U&O Release

Thanks

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**From:** Pickett, Tom  
**Sent:** Tuesday, September 18, 2012 5:45 AM  
**To:** Scott, Heidi; Day, Lori  
**Cc:** Hart, Amy; Tuder, Matt; Pickett, Tom  
**Subject:** Pump Start -Up

Yesterday morning, Shaun Vanderveer observed the start-up of a Sewage Grinder Pump at the River Wood Shared Septic System:

River Wood, Contract 50-4287-D  
Winchester Homes Lot 50  
11033 Hunter View Rd  
Ellicott City, MD 21042

The Sewage Grinder Pump test was successful ; the Bureau of Utilities releases its hold on this property for U & O.

This is the 2<sup>nd</sup> lot on the shared septic system at this location.

Matt  
410-313-4934 office  
410-978-1320 mobile