

LAYOUT 4/3/12 INSP 4 \_\_\_\_\_  
 INSP 2 4/5/12 INSP 5 \_\_\_\_\_  
 INSP 3 4/6/12 BB INSP 6 \_\_\_\_\_

ISSUE DATE: 4/2/12  
 APPROVAL DATE: 6/8/12

# PERMIT

P 536786  
 A 516084

Tax ID # 03-345440  
**ON-SITE SEWAGE DISPOSAL SYSTEM**  
**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**

Hatfields Equipment IS PERMITTED TO INSTALL  ALTER   
 ADDRESS: P.O BOX 519 PHONE NUMBER: (301) 490-4289  
 SUBDIVISION: Riverwood LOT NUMBER: 38  
 ADDRESS: 11238 Kinsale Court PROPERTY OWNER: Winchester Homes  
 SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED   
 PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED   
 NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2  
 SQUARE FOOTAGE OF HOUSE: 5,576  
 LINEAR FEET OF TRENCH REQUIRED: 103.33 2x65' trenches  
130' (plus) 2-4' 3-5' (lower)

TRENCHES:	Trenches to be 3.0 feet wide. Inlet is at 3.0 feet below original grade with 2.0 feet of stone below the distribution pipe. Bottom maximum depth is 5.0 feet below original grade. Effective sidewall begins at 3.0 feet below original grade. Maintain at least 9.0 feet of spacing between trenches. <span style="float: right;">45</span>
LOCATION:	Set septic tank per layout inspection. Set distribution box at the highest point of the easement per layout inspection. Install 103.33 feet of trench on contour per layout inspection.
NOTES:	<b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Dana Bernard DATE: 03/13/12

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR 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**

NOT TO SCALE

\* See separate sheet  
for As-Built

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 3' INLET 2.5'-3' BOTTOM 4'-5'

NUMBER OF TRENCHES 2

TOTAL LENGTH 132'

ABSORPTION AREA 396+ Sidewalk

DISTRIBUTION BOX LEVEL Yes

DISTRIBUTION BOX BAFFLE Elbow

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 2.5'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST No

SLOTTED Yes

DATE ON LID 2-30-12

PUMP/SEPTIC TANK LEVEL Yes

MANUFACTURER Babylon

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 2'

BAFFLES Front

BAFFLE FILTER No

MANHOLE LOC Rear

6" PORT LOC None

WATERTIGHT TEST No

SLOTTED no

DATE ON LID Dry

PRE-CONSTRUCTION:

4/3/12 set tanks 20' from house but on high side of swale. Run F.M. as shown on approved B.P. plan. set D box @ top left corner of SRA run 2 x 65' trenches across area on contour as shot in field. Trenches poured out. Trench specs adjusted slightly as perc on high area of septic field restricted a shallow trench (kw)

INSTALLATION: 4/5/12 Tanks set. F.M. run up to D box. No other plumbing installed. OK to continue (kw)

4/6/2012 System finished except for pump and alarm test. (BB)

6/8/12 Pump and alarm test OK. System complete.

FINAL INSPECTOR

Jd. Wolf

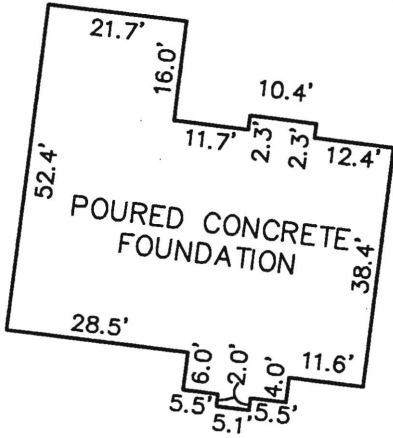
DATE OF APPROVAL

6/8/12



KINSALE COURT  
PUBLIC ACCESS STREET

GRID NORTH



FOUNDATION DETAIL

SCALE: 1" = 30'

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 03/28/12.



*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

10' PUBLIC TREE MAINTENANCE EASEMENT  
 6' PUBLIC DRAINAGE AND UTILITY EASEMENT  
 PRIVATE 12'x6' REFUSE AND RECYCLE COLLECTION PAD EASEMENT FOR LOTS 38-39

30' PUBLIC STORM DRAIN & UTILITY EASEMENT

30' PUBLIC STORM DRAIN & UTILITY EASEMENT

24' PRIVATE USE-IN-COMMON ACCESS EASEMENT FOR LOTS 38 AND 39

PRIVATE STORMWATER MANAGEMENT, ACCESS, DRAINAGE AND UTILITY EASEMENT

LOT 37

LOT 38

LOT 39

SEE DETAIL

*Wall Check  
 OK DB  
 4-2-12*

TOP OF FOUNDATION WALL ELEVATION = 377.9'  
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'