

LAYOUT 3/8/11 INSP 4 \_\_\_\_\_  
 INSP 2 3/16/11 INSP 5 \_\_\_\_\_  
 INSP 3 3/17/11 INSP 6 \_\_\_\_\_

ISSUE DATE: 2-2-11

# PERMIT

P 534461

APPROVAL DATE: 4/29/11

A \_\_\_\_\_

Tax ID # 03-351491

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

Hatfield's Equipment IS PERMITTED TO INSTALL  ALTER

ADDRESS: P.O. Box 519 Ann Jct MD 20701 PHONE NUMBER: 410-984-2047

SUBDIVISION: Riverwood II LOT NUMBER: 61

ADDRESS: 12043 Open Run Road PROPERTY OWNER: Winchester Homes

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: 4,901

LINEAR FEET OF TRENCH REQUIRED: 156

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 5.5 feet below original grade with 4.0 feet of stone below distribution pipe.
LOCATION:	Run <del>4</del> x 40' trenches on contour. Place d-box per plan. <u>3 x 52'</u>
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: Heidi Scott DATE: 12/7/10

- 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**



*Wall Check  
OK  
2-2-11  
DB*

OPEN RUN ROAD  
PUBLIC ACCESS STREET  
(50' R/W)

L=20.01'  
R=300.00'

EX.10' PUBLIC TREE  
MAINTENANCE  
EASEMENT

EX.6' PUBLIC DRAINAGE  
AND UTILITY EASEMENT  
PLAT No. 18037

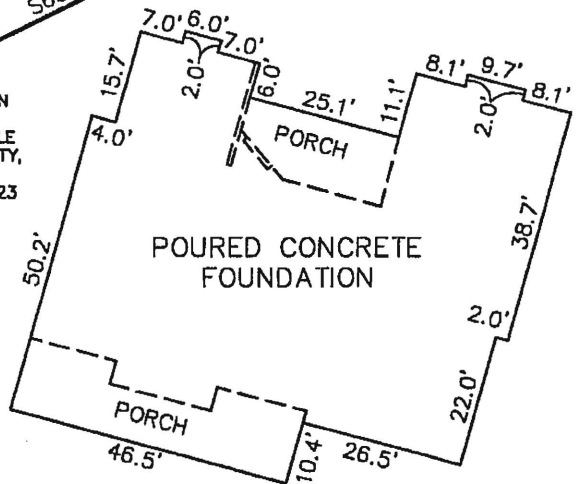
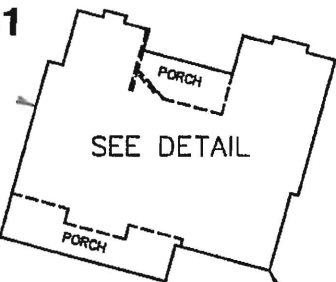
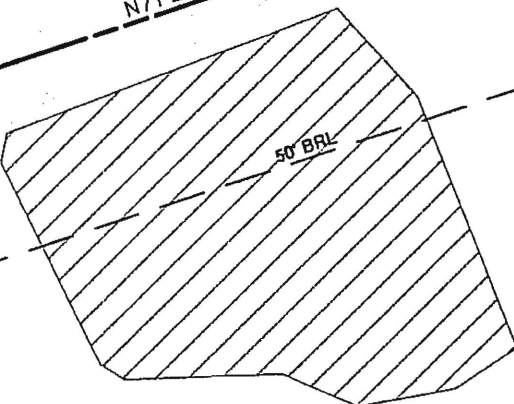
PRESERVATION  
PARCEL Y  
NON-BUILDABLE  
HOWARD COUNTY,  
MARYLAND  
PLAT NO. 19723



LOT 60

LOT 62

LOT 61



EX. 20' PUBLIC  
STORM DRAIN &  
UTILITY EASEMENT  
PLAT NO. 18037

EX. WELL  
#HO-95-0706

EX. FOREST  
CONSERVATION  
EASEMENT #7  
PLAT NO. 18037

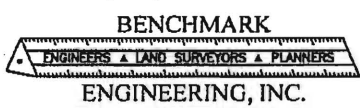
PRESERVATION  
PARCEL Y  
NON-BUILDABLE  
HOWARD COUNTY,  
MARYLAND  
PLAT NO. 19723

TOP OF FOUNDATION WALL ELEVATION = 461.9'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY 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 01/24/11.

*Donald A. Mason*  
DONALD A. MASON  
PROFESSIONAL LAND SURVEYOR AND SURVEYOR  
MD REG. No. 21320  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
FEMA FIRM No. 240044 0027 B  
ZONE: C  
DATED: 12/04/86



8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-465-6105 & fax: 410-465-6644  
www.bel-civilengineering.com

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

FOUNDATION DETAIL  
SCALE: 1" = 30'

WALL CHECK  
RIVERWOOD  
PHASE 2  
PLAT No. 19723  
LOT No. 61

12043 OPEN RUN ROAD  
THIRD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' DATE: 01/24/11