

LAYOUT 6/3/2011 INSP 4 \_\_\_\_\_  
 INSP 2 6/6/2011 INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 5-11-11  
 APPROVAL DATE: 6/7/2011

# PERMIT

P 535165  
 A \_\_\_\_\_

Tax ID # 03-351300

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

Hatfield's Equipment IS PERMITTED TO INSTALL  ALTER   
 ADDRESS: PO Box 519 Annapolis, Md 20701 PHONE NUMBER: 301-854-6172  
 SUBDIVISION: Riverwood LOT NUMBER: 43  
 ADDRESS: 4805 Castlebridge Road 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: 0.8  
 SQUARE FOOTAGE OF HOUSE: +3501  
 LINEAR FEET OF TRENCH REQUIRED: 217' 200' Inlet 5' Bottom 8'

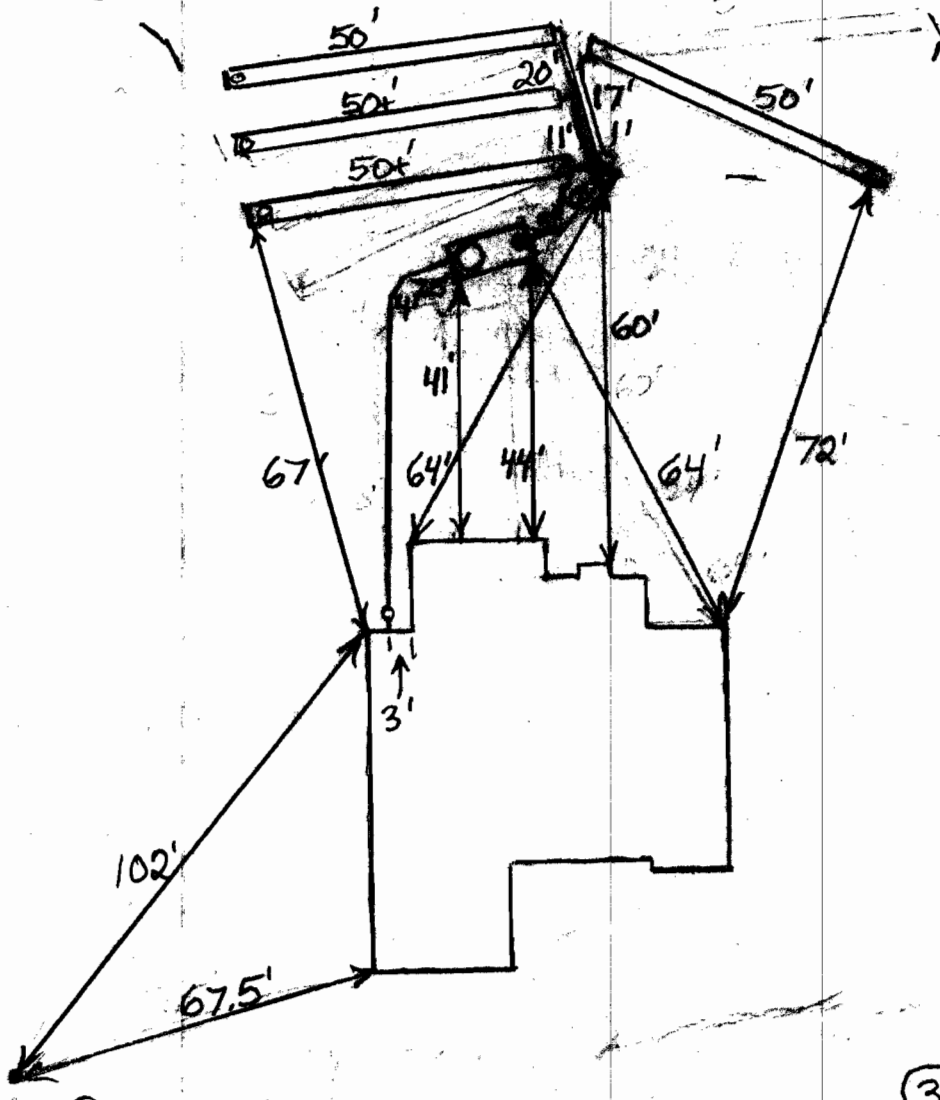
TRENCHES:	Trenches to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 5.0 feet below original grade with 3.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank above right corner of easement. Run 3x71' trenches on contour.
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: 2/24/11

- 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



HO-95-0688

ROAD NAME

(30)

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES 4		
TOTAL LENGTH 200+		
ABSORPTION AREA 600+		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA

SEPTIC TANK I LEVEL Yes  
 MANUFACTURER Babylon  
 CAPACITY 2000 GAL  
 SEAM LOC Top  
 TANK LID DEPTH 1-1.5'  
 BAFFLES Yes  
 BAFFLE FILTER No  
 MANHOLE LOC Front  
 6" PORT LOC Rear  
 WATERTIGHT TEST No  
 SLOTTED Yes  
 DATE ON LID 4/6/11

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 \_\_\_\_\_

PRE-CONSTRUCTION:

6/3/2011 Set the tank near where shown on the B.P. plan. Set the distribution box near the top center of the easement and install 50' trenches on contour in both directions. Total trench should be about 200'. (BB)

INSTALLATION:

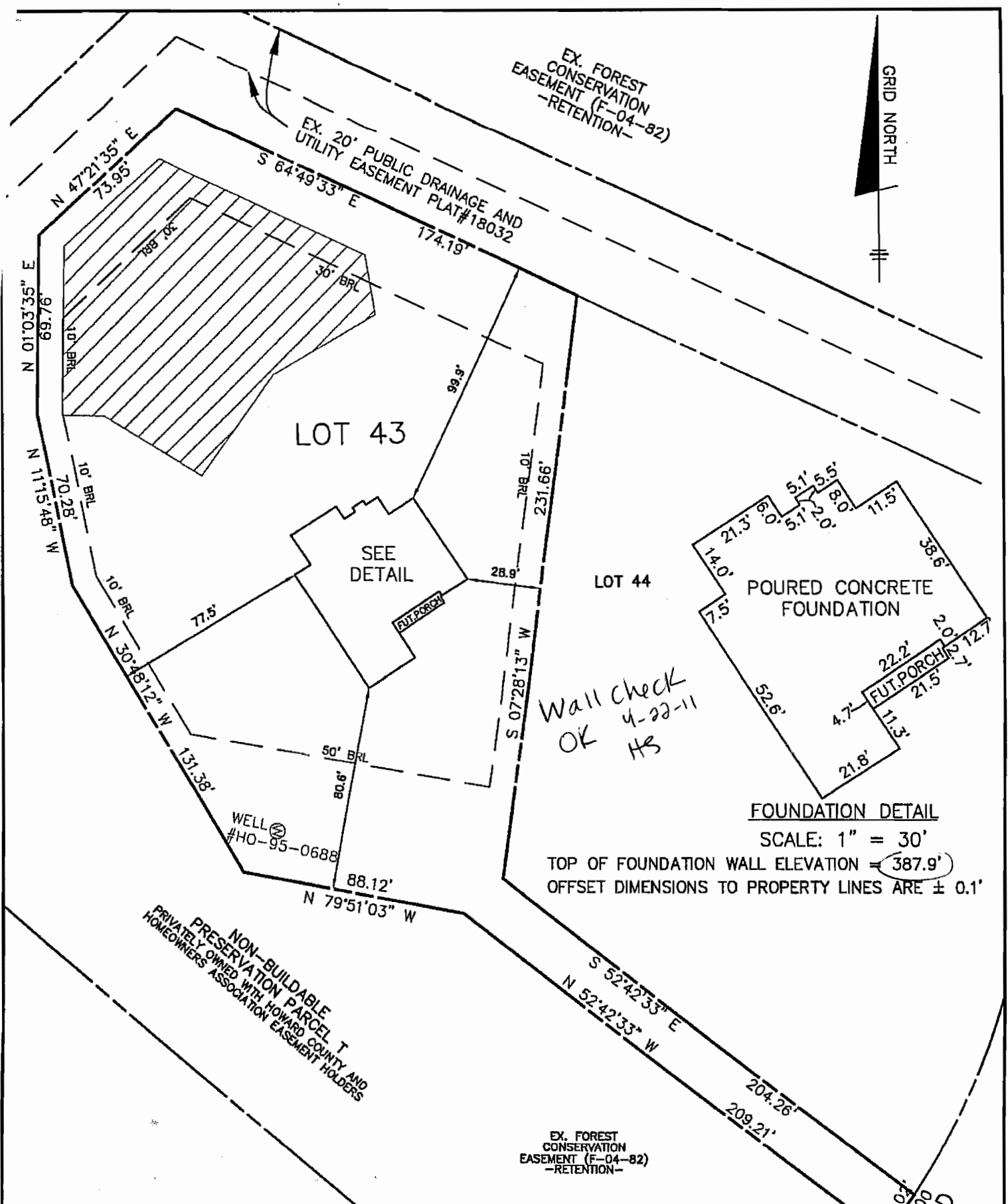
6/6/2011 Tank set. House connection made. Started on first trench. (BB)  
 6/7/2011 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

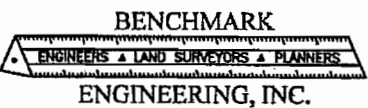
6/7/2011



**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 03/28/11.

*Donald A. Mason*  
 DONALD A. MASON  
 PROFESSIONAL LAND SURVEYOR No. 21320  
 MD REG. No. 21320  
 FOR BENCHMARK ENGINEERING, INC.  
 MD REG. No. 351  
 FEMA FIRM No. 240044 0027 C  
 ZONE: X  
 DATED: 4/2/97



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 ELLICOTT CITY, MARYLAND 21043  
 phone: 410-465-6105 & fax: 410-465-6644  
 www.bei-civilengineering.com

WALL CHECK  
 RIVERWOOD  
 PHASE 2  
 PLAT No. 19721  
 LOT No. 43

4805 CASTLEBRIDGE ROAD

3RD ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 03/28/11