

LAYOUT 10/4/11 BB INSP 4 \_\_\_\_\_  
INSP 2 10/31/11 INSP 5 \_\_\_\_\_  
INSP 3 11/1/11 INSP 6 \_\_\_\_\_

ISSUE DATE: 9/20/2011

## PERMIT

P 535 983

APPROVAL DATE: 11/1/11

A 516084

Tax ID # \_\_\_\_\_

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

Hattfield's Equipment & Services IS PERMITTED TO INSTALL ☒ ALTER ☐  
ADDRESS: PO Box 519 Annapolis Junction PHONE NUMBER: (301) 854 0172

SUBDIVISION: Riverwood LOT NUMBER: 69

ADDRESS: 11240 Withorn Way 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: ±3000

LINEAR FEET OF TRENCH REQUIRED: 140

30', 55' + 55'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 4.0 feet below original grade with 2.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank per layout inspection. Set distribution box at the highest point of the easement per layout inspection. Install 140 feet of trench on contour per layout inspection. Distribution box should be installed at the center of the easement.
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: 07/21/11

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

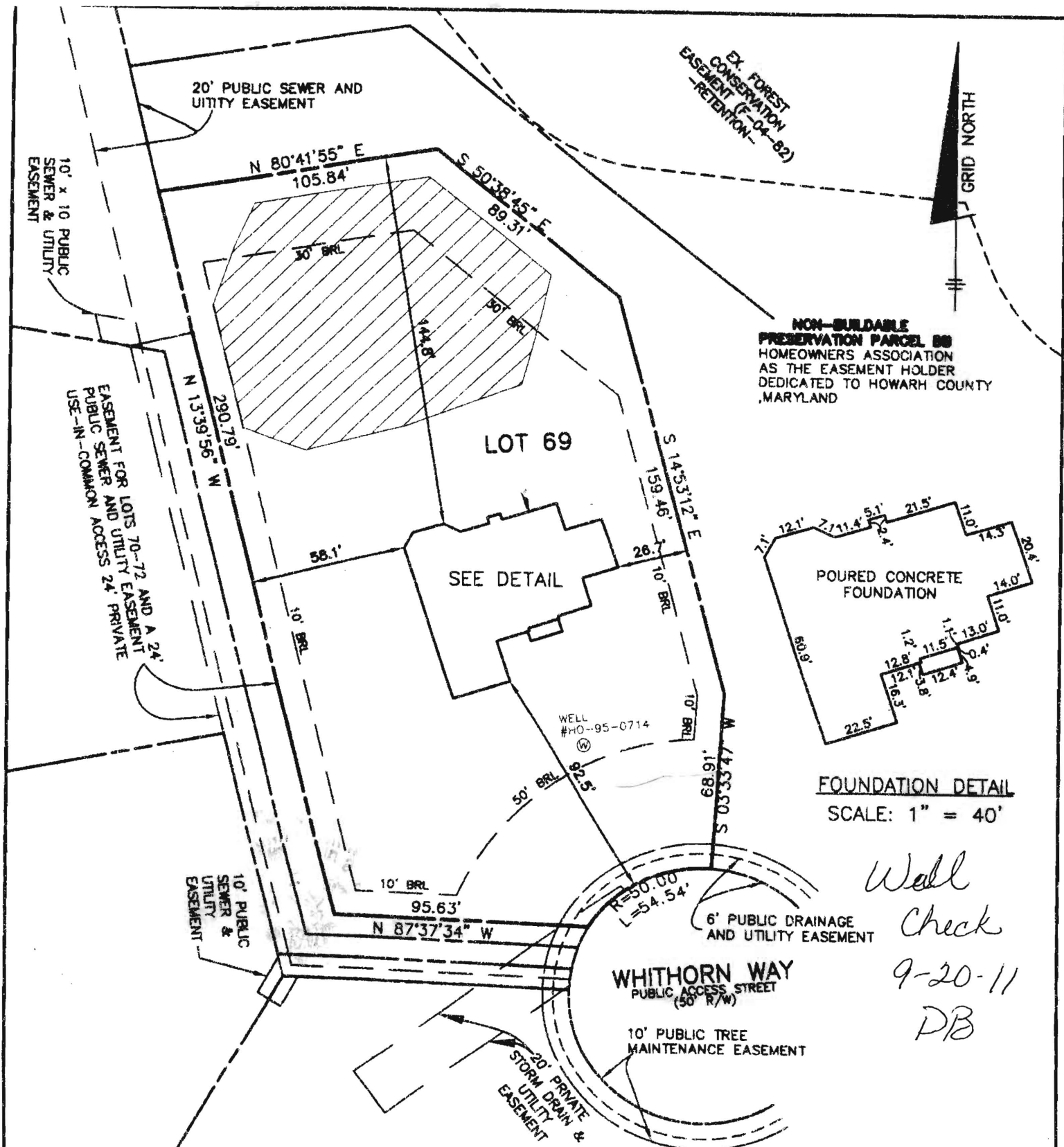
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**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**





# **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, VESSELS, ETC., HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 00/00/11.

*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: 12/04/86



8450 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLCITY CITY, MARYLAND 21043  
phone: 410-485-8105 & fax: 410-465-8644  
www.bel-civilengineering.com

P:\1950 RIVERWOOD HSES\dwg\8588869.dwg, wallcheck, 9/13/2011 11:00:09 AM,  
Kycera CS 3050d IXX

TOP OF FOUNDATION WALL ELEVATION = 390.80  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

**WALL CHECK**  
**RIVERWOOD**  
**PHASE 2**  
**PLAT No. 19724**  
**LOT No. 69**

11240 WHITHORN WAY

3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

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

SCALE: 1" = 50' DATE: 09/12/11