

LAYOUT 6/17/11 INSP 4 \_\_\_\_\_  
 INSP 2 6/21/11 INSP 5 \_\_\_\_\_  
 INSP 3 6/22/11 INSP 6 \_\_\_\_\_

ISSUE DATE: 6-7-11

# PERMIT

P 535236

APPROVAL DATE: 8/12/2011

A \_\_\_\_\_

Tax ID # 03-351505

**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 Annapolis Jet HD PHONE NUMBER: 410-984-0047  
20701

SUBDIVISION: Riverwood II LOT NUMBER: 62

ADDRESS: 12039 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: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: 3,488

LINEAR FEET OF TRENCH REQUIRED: 214'

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 6.0 feet below original grade with 4.0 feet of stone below distribution pipe. <u>~ 4'</u>
LOCATION:	Set d box near the middle of easement at highest point. Run 4 x 53' of 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: 4/14/11

- 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

See As-Built Drawing  
On Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES 4		
TOTAL LENGTH 216'		
ABSORPTION AREA 432+		
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	1" 2.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	5/13/2011
PUMP/SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'-2'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	Dry

PRE-CONSTRUCTION:

6/17/2011 O.K. to set tanks near where shown on the B.P. plan. Keep tanks out of center of sewer. Fill on top part of easement. Remove fill and schedule trench layout. (BB)

INSTALLATION: 6/21/2011 Tanks set. House connection made. Laid out trenches. (BB)

6/23/2011 System finished except for pump and alarm test. (BB)

8/12/2011 Pump and alarm working. (BB)

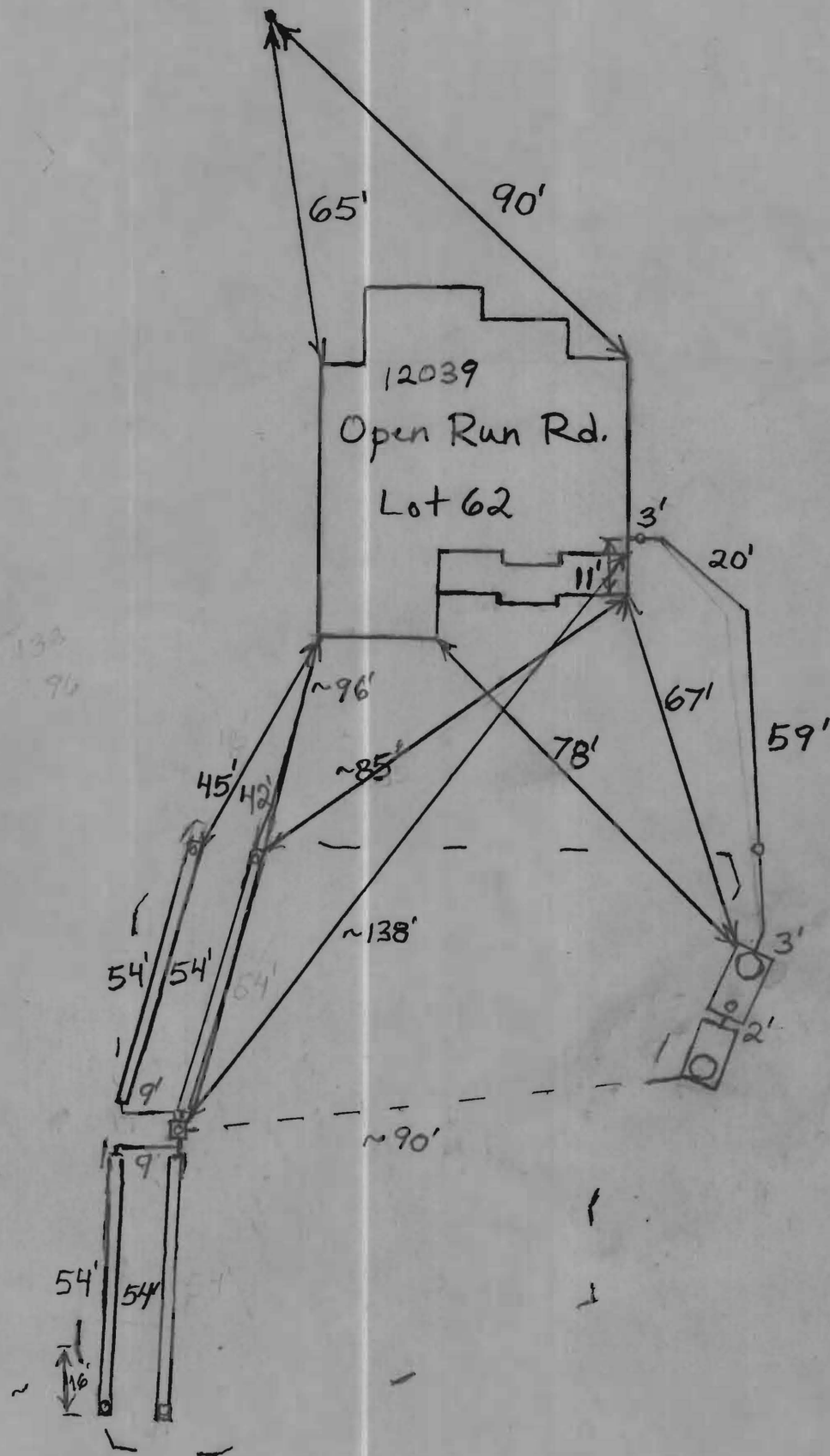
FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

8/12/2011

HO-95-0707



OPEN RUN ROAD  
PUBLIC ACCESS STREET-50' R/W

EX. 6' PUBLIC DRAINAGE &  
UTILITY EASEMENT  
PLAT NO. 18037

EX. 10' PUBLIC TREE  
MAINTENANCE EASEMENT  
PLAT NO. 1803B

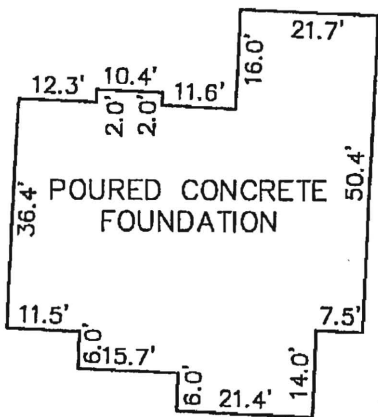
L=207.21'  
R=300.00

LOT 62

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

LOT 61

GRID NORTH



FOUNDATION DETAIL  
SCALE: 1" = 30'

*gas wallcheck ok  
6/7/11*

LOT 63

LOT 64

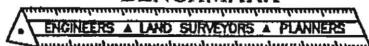
**SURVEYOR'S CERTIFICATE**

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 05/24/11.

TOP OF FOUNDATION WALL ELEVATION = 463.9'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

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

BENCHMARK



ENGINEERING, INC.

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

WALL CHECK

RIVERWOOD  
PHASE 2  
PLAT No. 19723  
LOT No. 62

12039 OPEN RUN ROAD

3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 05/24/11

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