

LAYOUT 7/25/2011 INSP 4 _____
 INSP 2 7/27/2011 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 6/28/11

PERMIT

P 535278

APPROVAL DATE: 8/5/2011

A 516084

Tax ID # 03-351513

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

Hatfields Equipments IS PERMITTED TO INSTALL ALTER
 ADDRESS: P.O. Box 5A Annapolis Junction, MD PHONE NUMBER: 410-984-0047
 SUBDIVISION: Riverwood II LOT NUMBER: 63
 ADDRESS: 12033 Open Run 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: 3,793
 LINEAR FEET OF TRENCH REQUIRED: 248' Trenches 2' Wide
Inlet 4.5'
Bottom 8.0' 4x62' Trenches

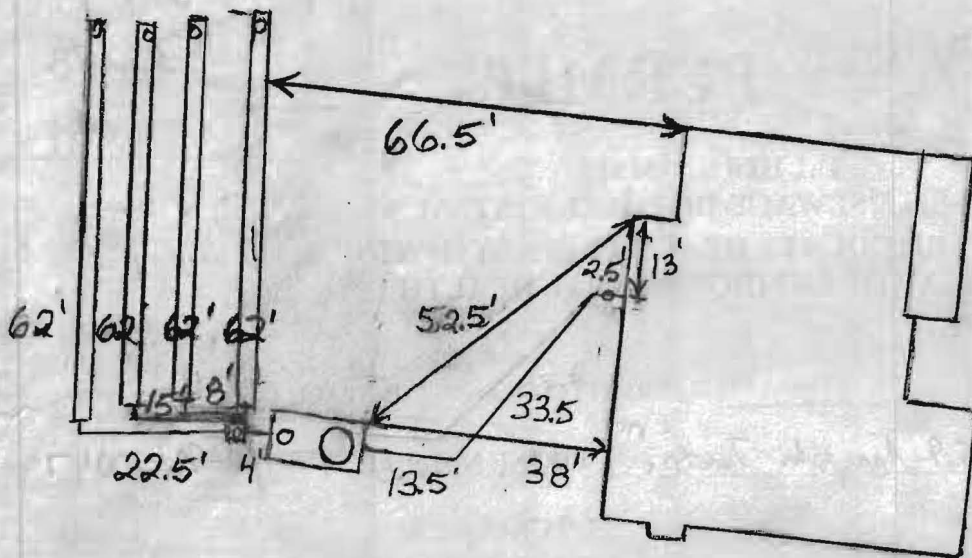
TRENCHES:	Trenches to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.5 feet below original grade with 5.0 feet of stone below distribution pipe.
LOCATION:	Run 4 x 62' trenches on contour. Place d box at top center of easement.
NOTES:	Do not 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: 5/11/11

- 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



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	4.5'	8'
NUMBER OF TRENCHES 4		
TOTAL LENGTH 248'		
ABSORPTION AREA 372+		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2'-35"
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	Dry

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	

ROAD NAME

30

PRE-CONSTRUCTION:

7/25/2011 I install four 62' trenches on contour as high as possible in the western part of the septic easement. Place the distribution box near the top middle of the easement. Set the tank directly above the distribution box. House connection relocated to middle of the back of the house. (BB)

7/27/11 Trenches location confirmed. Plumber has sewer line coming out of front part of house. Can not make fall. Will need to re-route sewer inside house per approved BP plan. (BB)

8/5/2011 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR

B. Baker

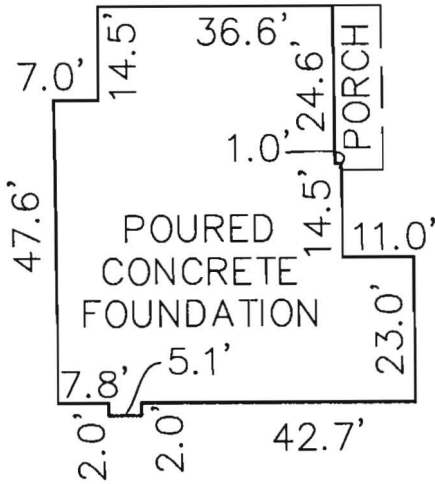
DATE OF APPROVAL

8/5/2011

OPEN RUN ROAD
 EX. PUBLIC ACCESS STREET
 (50' R/W, 24' PAVING, F-04-82)

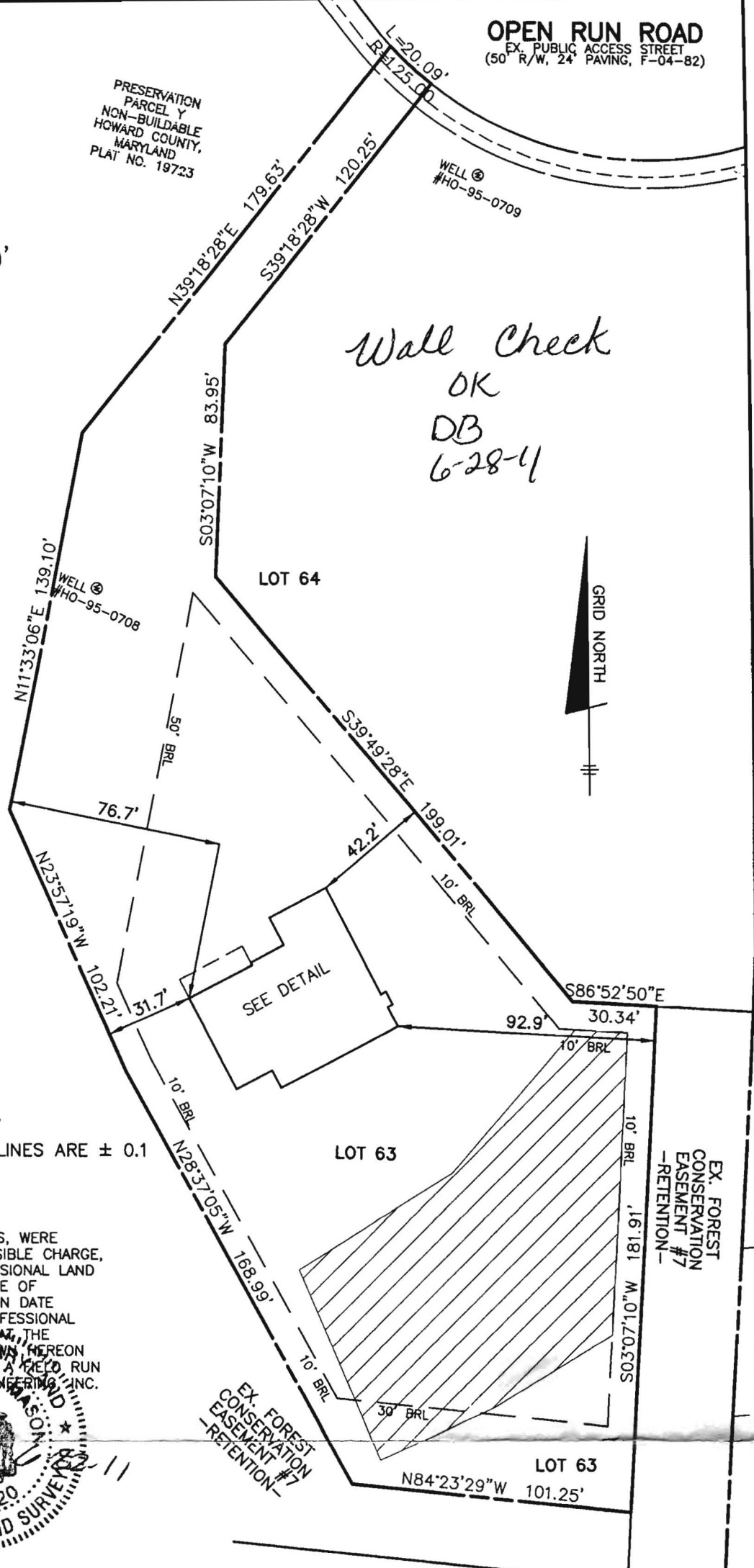
PRESERVATION
 PARCEL Y
 NON-BUILDABLE
 HOWARD COUNTY,
 MARYLAND
 PLAT NO. 19723

WELL ©
 #HO-95-0709



FOUNDATION DETAIL
 SCALE: 1" = 30'

Wall Check
 OK
 DB
 6-28-11



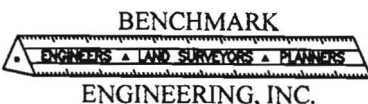
TOP OF FOUNDATION WALL = 479.7
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1

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 06/20/11.

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: 4/2/97



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

FIELD OBS. BY DH/NM
 COMP. BY EDD
 DRAWN BY EDD

WALL CHECK
RIVERWOOD
PHASE 2
PLAT No. 19723
LOT No. 63

12033 OPEN RUN ROAD

3RD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 06/20/11