

LAYOUT 6/13/2012 INSP 4 _____
 INSP 2 6/14/2012 INSP 5 _____
 INSP 3 6/15/2012 INSP 6 _____

ISSUE DATE: 6/11/12

PERMIT

P 537 333

APPROVAL DATE: 8/23/2012

A _____

Tax ID # 03-345459

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

Hatfields Equipment IS PERMITTED TO INSTALL ALTER

ADDRESS: P.O. Box 519 PHONE NUMBER: 301-854-6172

SUBDIVISION: Riverwood LOT NUMBER: 39

ADDRESS: 11242 Kinsale Court 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: 7,224

LINEAR FEET OF TRENCH REQUIRED: 160' 180' Bottom 8' 45', 60' + 75' Trenches

TRENCHES:	Trenches to be 3.0 feet wide. Inlet is at 4.0 feet below original grade with 4.0 feet of stone below the distribution pipe. Bottom maximum depth is 8.0 feet below original grade. Effective sidewall begins at <u>6.0</u> feet below original grade. Maintain at least 11.0 feet of spacing between trenches. <u>4.5'</u>
LOCATION:	Set septic tank and pump tank per plan. Tanks must be of traffic bearing construction. Set distribution box about 5' west of north septic reserve corner. Install 4 x 40' trenches on contour, three to east boundary and one to the west.
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: Robert Bricker DATE: 4/30/12

- NOTE: PERMIT VOID AFTER 2 YEARS rob 5/3/12
- 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
<u>2'</u>	<u>4'</u>	<u>8'</u>
NUMBER OF TRENCHES <u>3</u>		
TOTAL LENGTH <u>180'</u>		
ABSORPTION AREA <u>540+</u>		
DISTRIBUTION BOX LEVEL <u>Yes</u>		
DISTRIBUTION BOX BAFFLE <u>Elbow</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 0.5'-1.5'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST No

SLOTTED Yes

DATE ON LID 4/14/2012

PUMP/SEPTIC TANK LEVEL

Yes

MANUFACTURER Babylon

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 0.5'-1'

BAFFLES Front

BAFFLE FILTER No

MANHOLE LOC Front

6" PORT LOC None

WATERTIGHT TEST No

SLOTTED No

DATE ON LID Dry

PRE-CONSTRUCTION:

6/13/2012 O.K. to set the tanks in the very bottom of the septic easement. Install an upper 45', middle 60' and bottom 73' trench on contour across the highest part of the septic easement. (BB)

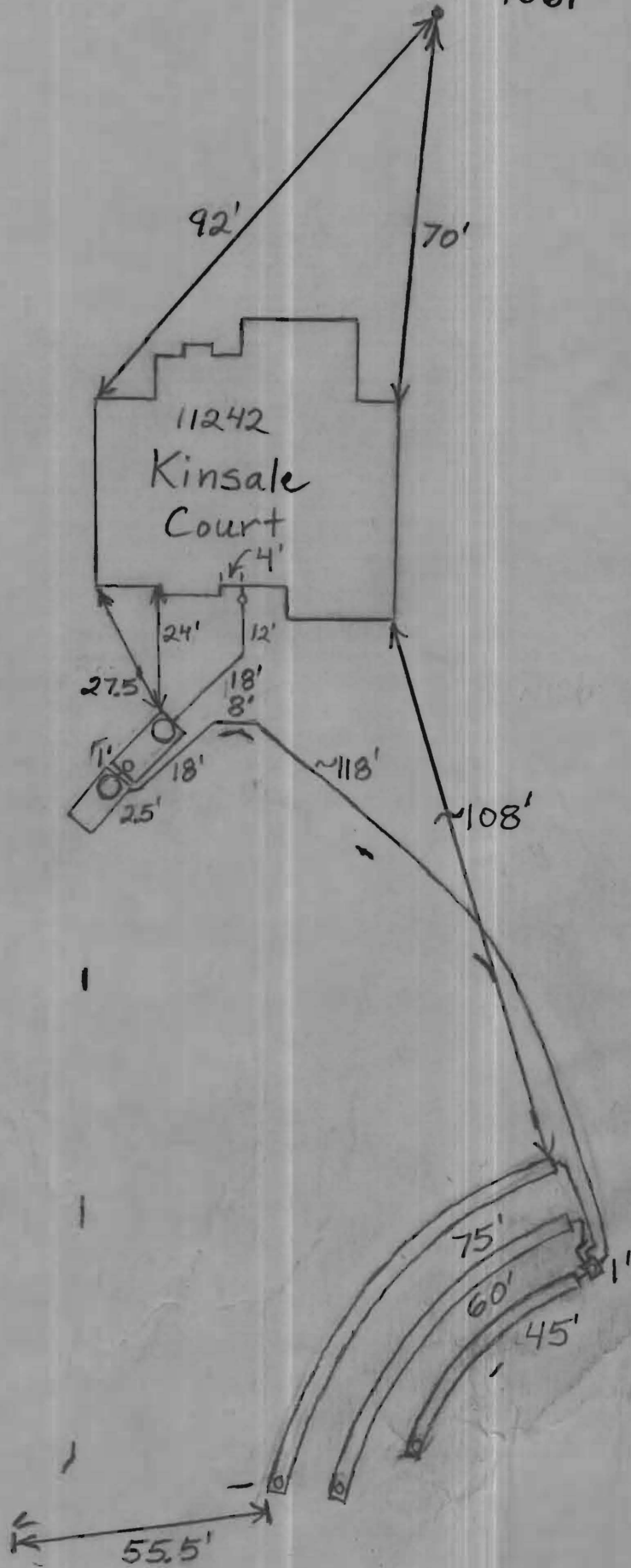
INSTALLATION: 6/14/2012 Tanks set. House connection made. Top trench done. (BB)

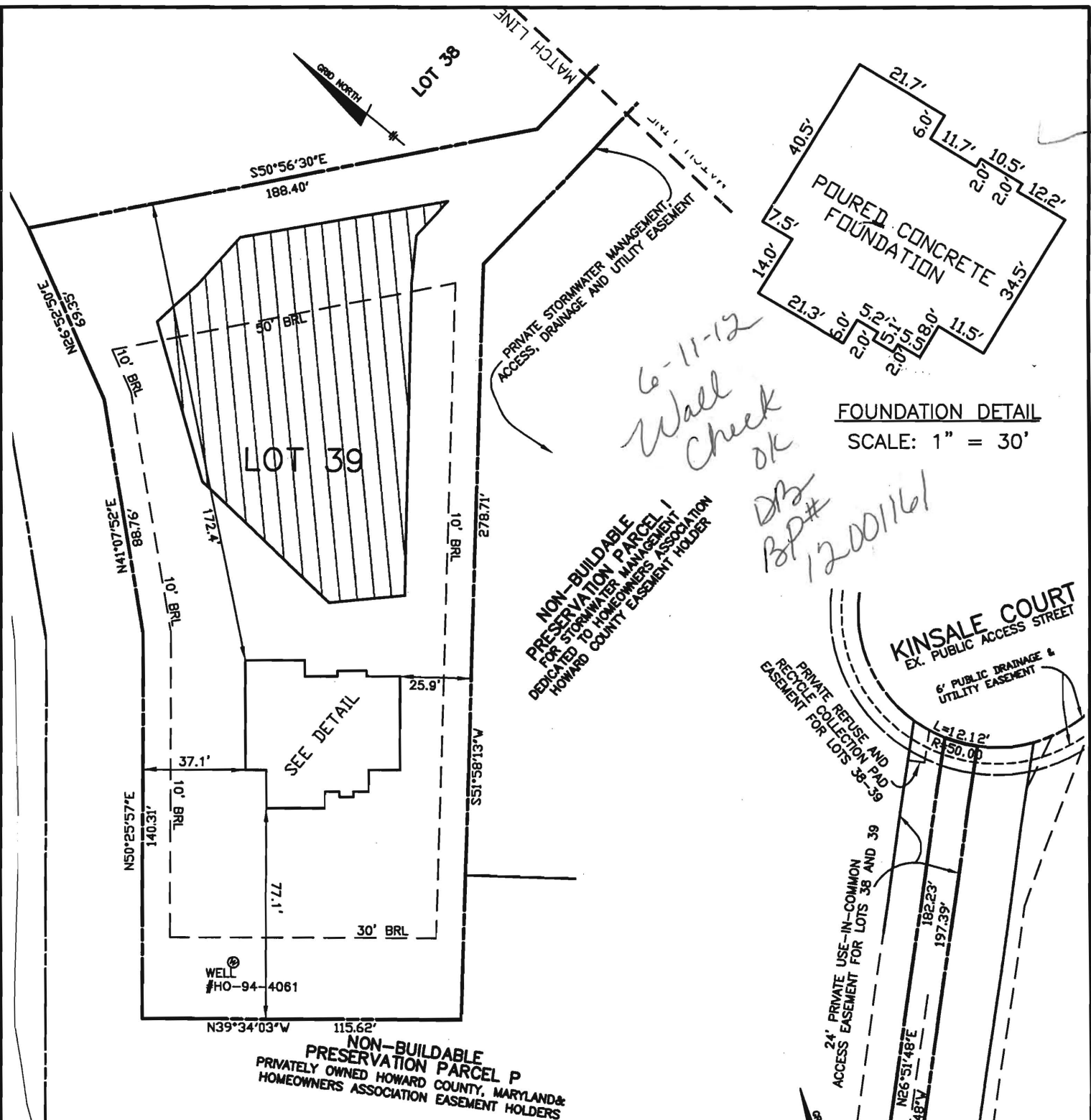
6/15/2012 System finished except for pump and alarm test, O.K. to backfill. (BB)

8/23/2012 Pump and alarm working. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 8/23/2012

HO-94-4061





FOUNDATION DETAIL
SCALE: 1" = 30'

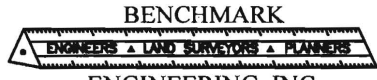
TOP OF FOUNDATION WALL = 381.6'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

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 05/31/12.

Donald Mason 6-1-12

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: 04/12/97



BENCHMARK ENGINEERING, INC.

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

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

WALL CHECK
RIVERWOOD
PHASE 1
PLAT No. 18033
LOT No. 39

11242 KINSALE COURT

3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 05/31/12