

LAYOUT 1/15/2010 INSP 4 _____
 INSP 2 1/19/10 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 1/5/10
 APPROVAL DATE: 1/20/10

PERMIT
 P 532991
 A 516084

Tax ID # 03345181
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 Junction 20701 PHONE NUMBER: 301-854-4172
 SUBDIVISION: Riverwood LOT NUMBER: 15
 ADDRESS: 12044 Open Run Road PROPERTY OWNER: Winchester Homes Inc.
 SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED
 PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED
 NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.6
 SQUARE FOOTAGE OF HOUSE: Unkn
 LINEAR FEET OF TRENCH REQUIRED: 160 (165?) 200'
Trenches 2' Wide
Inlet + 5', Bottom 10'
3 - 50' Trenches

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below grade. Effective area begins at 5.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 200 feet of trench on contour (4) four- 50' trenches per layout inspection.
NOTES:	Stake septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must meet Howard County specs. Subject to approval.

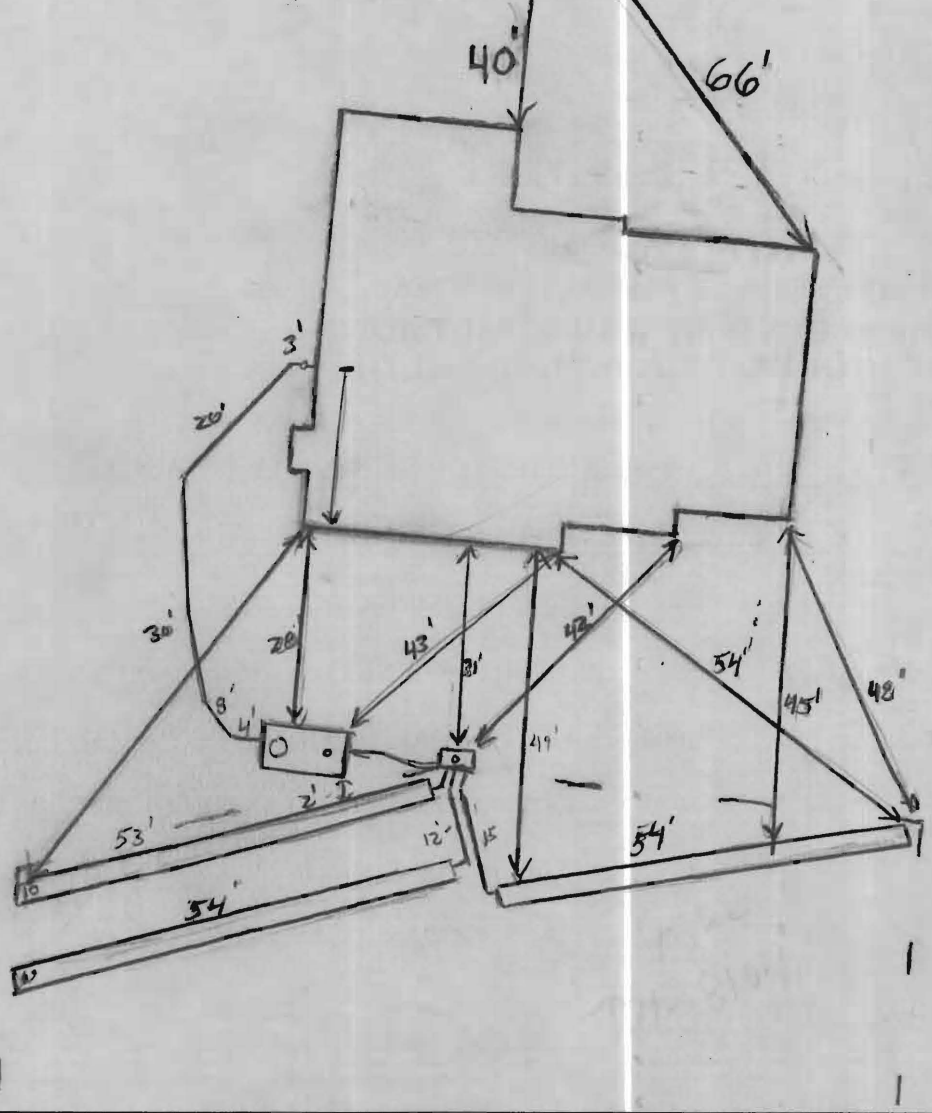
PLANS APPROVED: Dana Bernard DATE: 11/2/09

- 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

H0-94-4036

NOT TO SCALE



ROAD NAME

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	5'	10'
NUMBER OF TRENCHES		3
TOTAL LENGTH		
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Yes (check)
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	1-2'
BAFFLES	Yes
BAFFLE FILTER	
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	
SLOTTED	Yes
DATE ON LID	2/21/09

PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION

1/15/2010 Place the distribution near the top center of the easement and install two 50+ trench towards lot 66 and one 50+ trench towards lot 16. Contour is similar to what is on plan. Install septic tank near where shown on B.P. plan. (KW)

INSTALLATION:

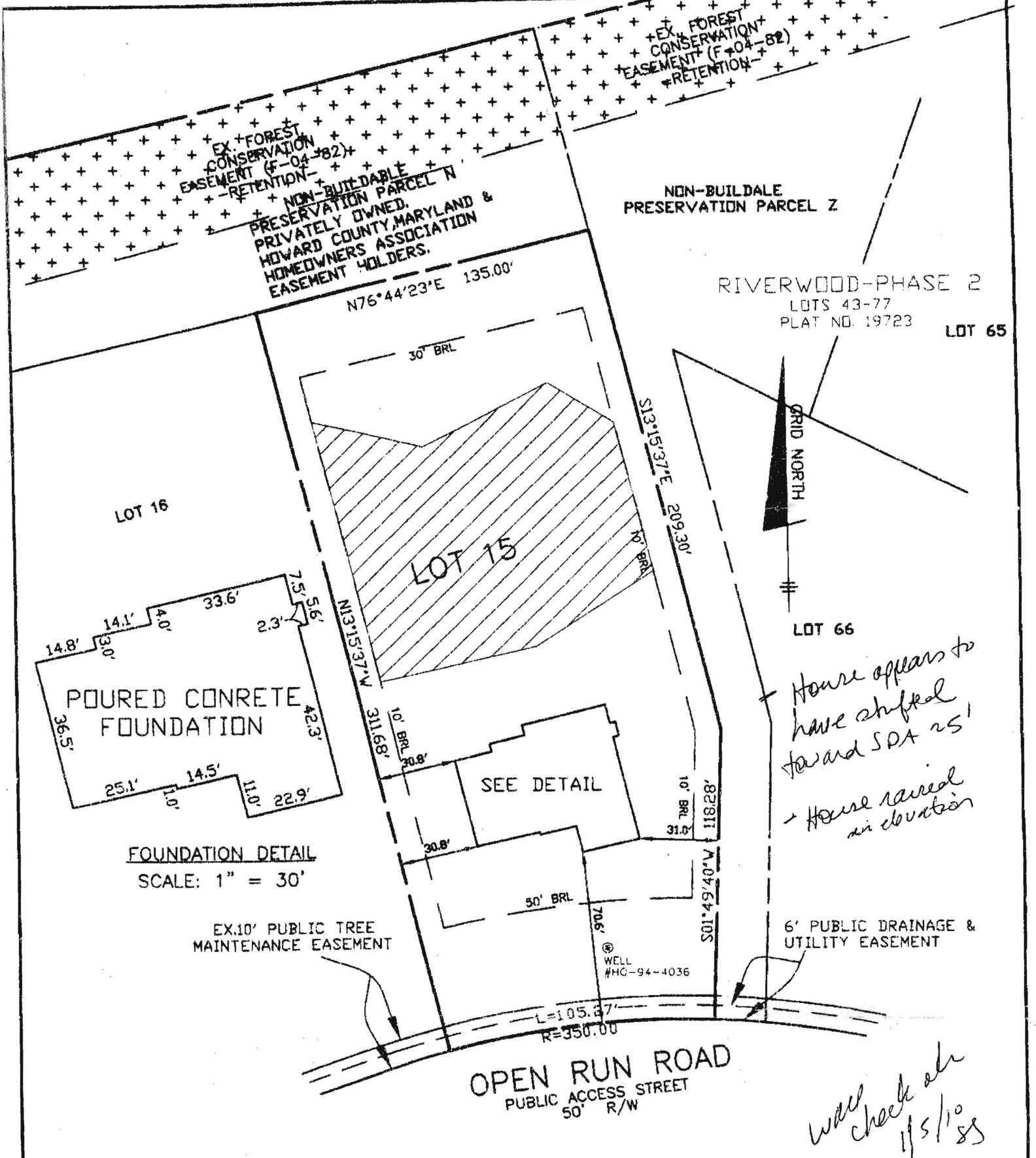
1/19/10 4" S14C installed to tank. D box set. Top left trench being dug and stored. OK to backfill up to S.V. OK to continue (KW)
 1/20/10 system complete, looks good. OK to backfill all work. (KW)

FINAL INSPECTOR

H. Wolf

DATE OF APPROVAL

1/20/10

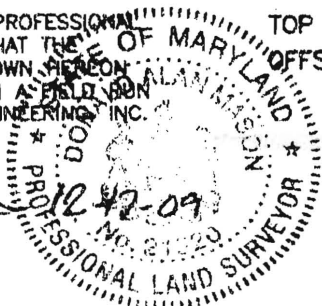


SURVEYOR'S CERTIFICATE

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 SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 12/16/09.

TOP OF FOUNDATION WALL ELEVATION = 465.7'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.2'

Donald Mason
 DONALD A. MASON
 PROFESSIONAL LAND SURVEYOR
 MD REG. No. 21320
 FOR BENCHMARK ENGINEERING, INC.
 MD REG. No. 351
 FEMA FIRM No. 240044 0027 B
 ZONE: C
 DATED: 12/04/86



BENCHMARK
 ENGINEERING, INC.
 8480 BALTIMORE NATIONAL PIKE & SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-465-8105 & fax: 410-465-6644
 www.bei-civilengineering.com

WALL CHECK
RIVERWOOD
PHASE 1
PLAT No. 18037
LOT No. 15
12044 OPEN RUN ROAD

3RD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: 12/16/09

FIELD OBS. BY DH&AS
 COMP. BY DAM
 DRAWN BY EWF