

LAYOUT 9/15/11 INSP 4 _____
 INSP 2 9/19/11 INSP 5 _____
 INSP 3 9/20/11 INSP 6 _____

ISSUE DATE: 08/29/2011

PERMIT

P 535960

APPROVAL DATE: 9/20/11

A _____

Tax ID # 03-345335

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

Hatfields Equipment & Dedication Services Inc. IS PERMITTED TO INSTALL ALTER
 ADDRESS: PO Box 519 Annapolis Junction, MD 20701 PHONE NUMBER: 301)854-6172

SUBDIVISION: Riverwood LOT NUMBER: 28

ADDRESS: 4849 Castlebridge 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: 1.2

SQUARE FOOTAGE OF HOUSE: ±3,488

LINEAR FEET OF TRENCH REQUIRED: 140'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 4.0 ^{3.5'} feet below original grade. Bottom maximum depth 6.0 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 per layout inspection. Install 140' of trench per layout inspection. Distribution box should be installed at the highest point of the 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.

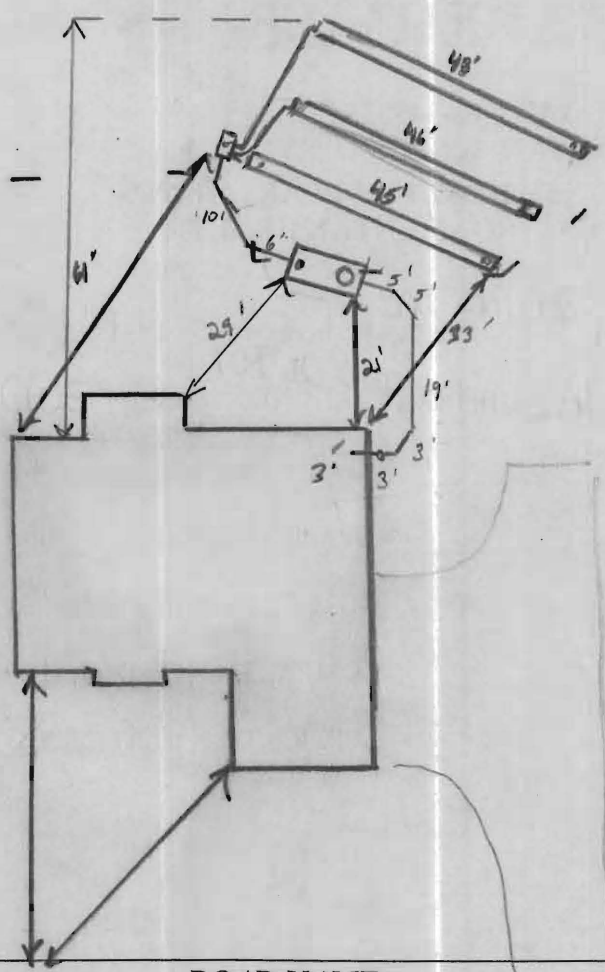
PLANS APPROVED: Dana Bernard DATE: 6/30/11

- 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

30

NOT TO SCALE



HO-95-0714

ROAD NAME

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		140'
ABSORPTION AREA		280' + SW
DISTRIBUTION BOX LEVEL		Levelled
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	
SLOTTED	Yes
DATE ON LID	
PUMP/SEPTIC TANK LEVEL N/A	
MANUFACTURER	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

9/15/11 Contractor to set tank inside SRA a bit to adjust for trench locations and contour. Set D box just below "A" in SRA and run 3x46' trenches on contour back toward upper right corner of SRA. SRA is fairly flat w/ slight saddle in the middle. Call for insp (KW)

INSTALLATION:

9/19/11 Tank set. SHC made. No trenches complete (KW)
 9/20/11 System complete. Trenches look good. D box levelled
 OK to cover all work (KW)

FINAL INSPECTOR

J. H. Huff

DATE OF APPROVAL

9/20/11

CASTLEBRIDGE ROAD
PUBLIC ROAD-50' R/W

GRID NORTH

S 11°39'37" E 107.55'

L=84.31'
R=300.00

LOT 28

WELL #HO-95-0013

*Wall check
OK DB
8-29-11*

50.52'

50' BRL

147.82'

SEE DETAIL

270.42'

68.40'

44.75'

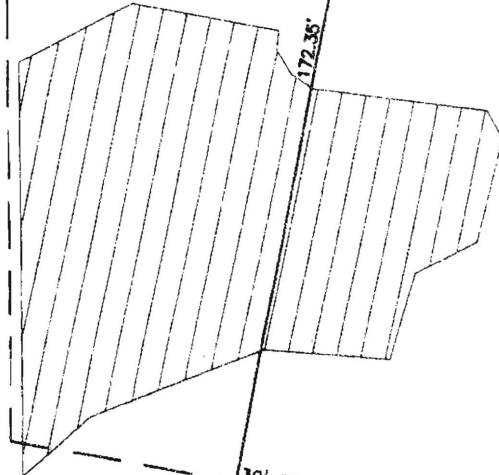
10' BRL

N 89°44'37" W

LOT 27

LOT 29

N 78°15'12" E



N 00°40'51" W

LOT 30

158.81'

LOT 31

LOT 32

TOP OF FOUNDATION WALL ELEVATION = 433.5'
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 08/10/11.

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: 04/02/97

BENCHMARK

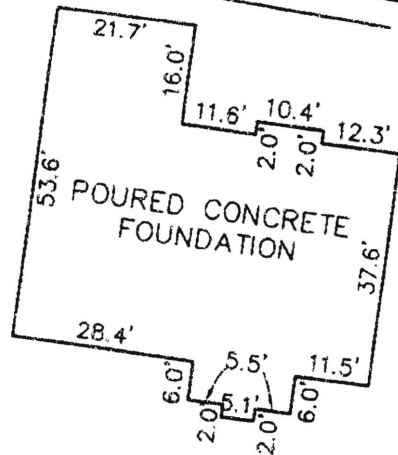


ENGINEERING, INC.

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

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

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FOUNDATION DETAIL

SCALE: 1" = 30'

WALL CHECK

RIVERWOOD
PHASE I

PLAT No. 18034

LOT No. 28

4849 CASTLEBRIDGE ROAD

3rd ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 08/10/11