

LAYOUT 8/28/12 (RS) INSP 4 _____
INSP 2 8/30/12 INSP 5 _____
INSP 3 9/4/12 INSP 6 _____

ISSUE DATE: 8-23-12

PERMIT

P 538047

APPROVAL DATE: 10/10/2012

A _____

Tax ID # 03-351572

**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 Annapolis Jct MD 20701 PHONE NUMBER: 410-984-0047

SUBDIVISION: Riverwood II LOT NUMBER: 68

ADDRESS: 11220 Whithorn Way PROPERTY OWNER: Winchester Homes

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): 1,500 COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: 3,488

LINEAR FEET OF TRENCH REQUIRED: 118'
Trenches 3' Wide
Inlet 4' (Kul)
Bottom 6'
3 x 40' or
2 x 60'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet is at 3.0 feet below original grade with 2.0 feet of stone below the distribution pipe. Bottom maximum depth is 5.0 feet below original grade. Effective sidewall begins at 3.5 feet below original grade. Maintain at least 9.0 feet of spacing between trenches.
LOCATION:	Set septic tank per plan. Set distribution box at top center of easement. Install 2 x 59' trenches on contour.
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: 6/25/12

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 Seperate Sheet
For As-Built

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		120
ABSORPTION AREA		360' + SW
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		no (90°)
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes
MANUFACTURER Babylon
CAPACITY 2000 GAL
SEAM LOC Top
TANK LID DEPTH 2.5'
BAFFLES Yes
BAFFLE FILTER —
MANHOLE LOC Front
6" PORT LOC Rear
WATERTIGHT TEST OK
SLOTTED Yes
DATE ON LID 7-23-12

PUMP/SEPTIC TANK LEVEL Yes
MANUFACTURER Babylon
CAPACITY 1500 GAL
SEAM LOC Top
TANK LID DEPTH 2.5'
BAFFLES Front
BAFFLE FILTER —
MANHOLE LOC Rear
6" PORT LOC none
WATERTIGHT TEST —
SLOTTED no
DATE ON LID 7-15-12

PRE-CONSTRUCTION:

8/28/2012 Set the tanks near where shown on the B.P. plan. Place the dist. box slightly downhill of and off-center of the top middle part of the easement. Install a 55' and 65' trench on contour towards the southeast. (BB)

INSTALLATION: 8/30/12 Septic tank and pump tank set. SHC installed. Pump set. F.M. being run up to Dbox. No tanks started. OK to continue (K) 9/4/12 Trenches complete OK to cover all work. P/A test needed for final approval (K)

10/10/2012 Pump and alarm working. (BB)

FINAL INSPECTOR

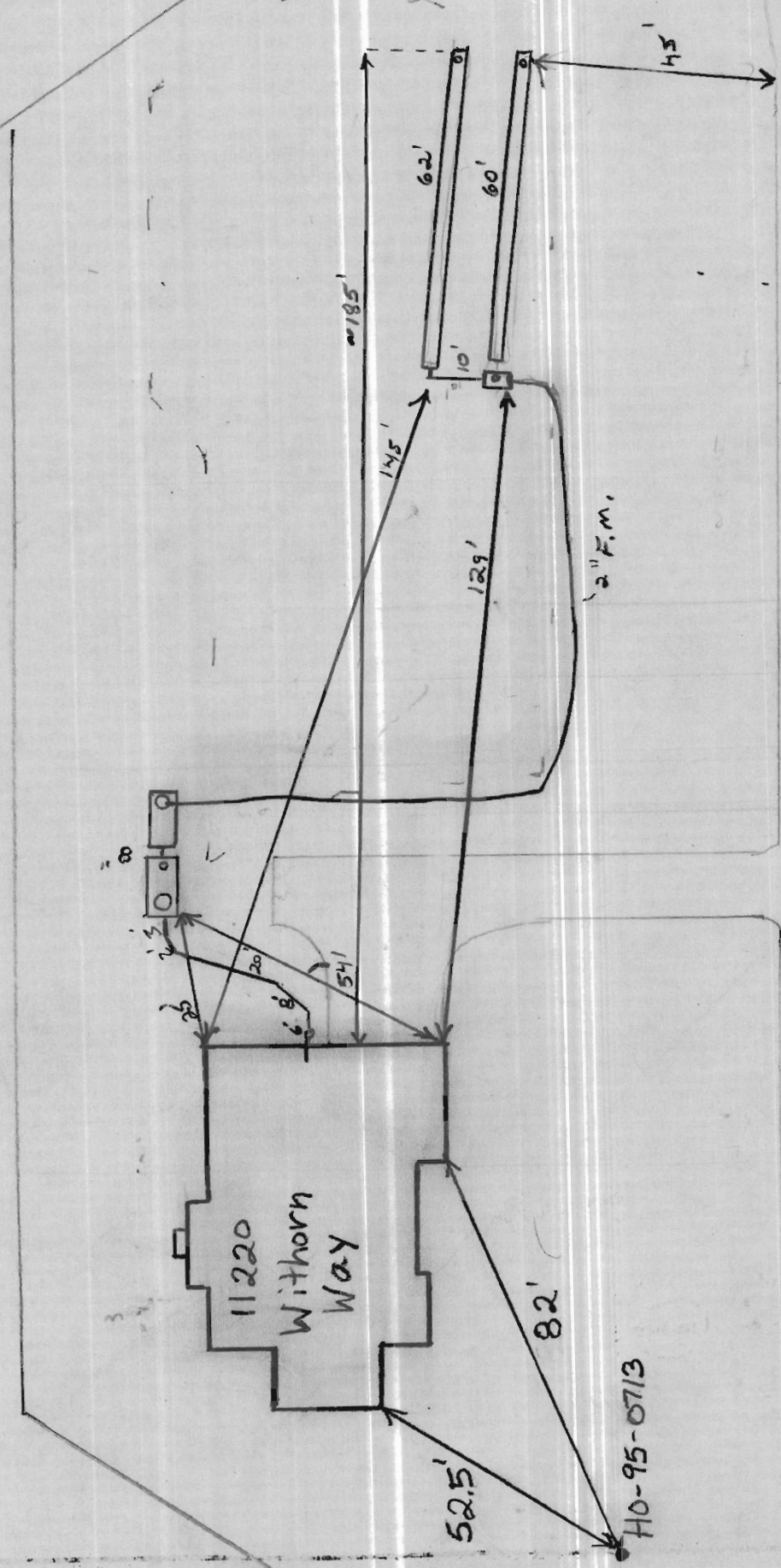
B. Baker

DATE OF APPROVAL

10/10/2012

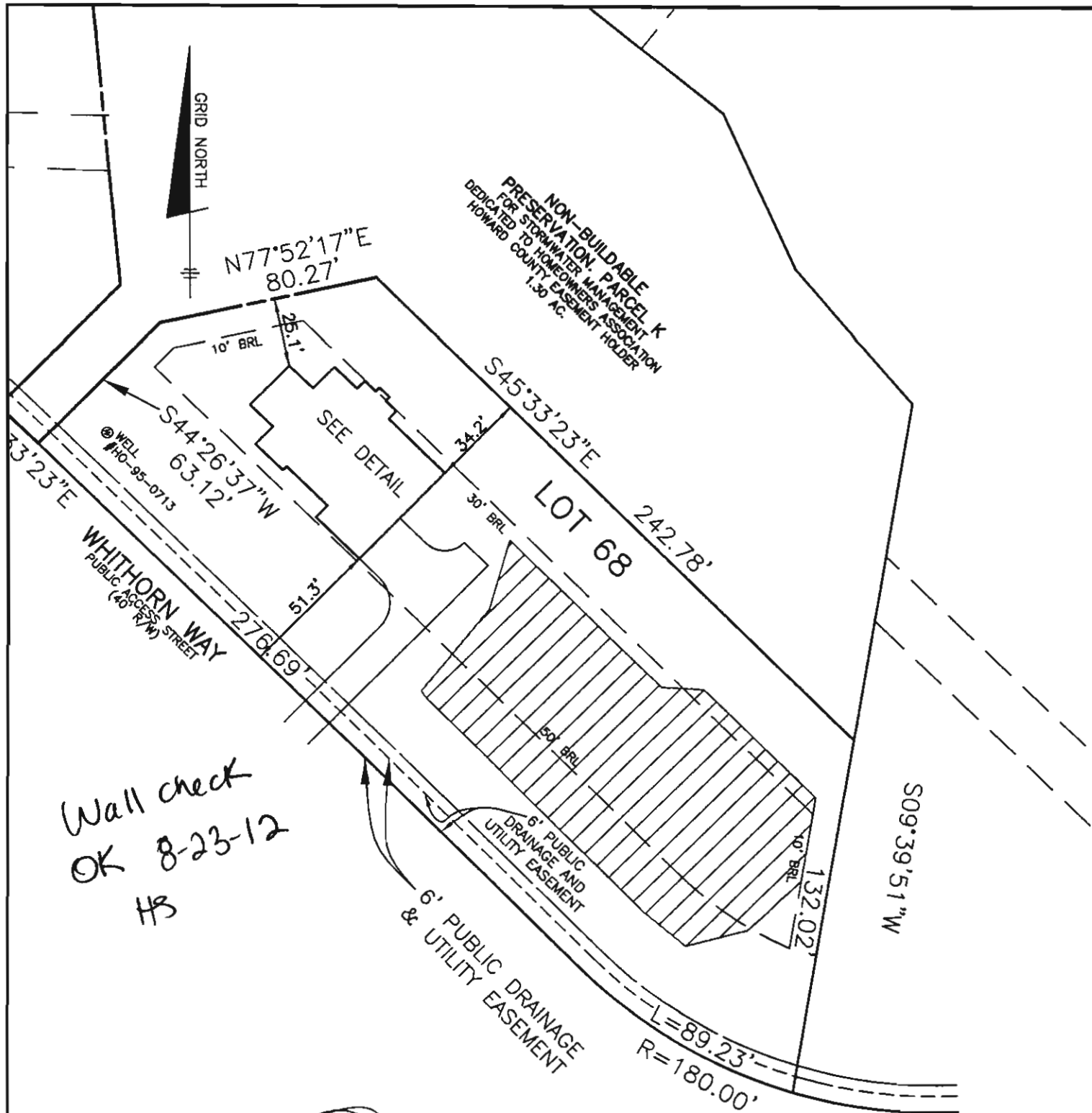
SCALE = 30'

W.P.K.
11220



Withorn Way

H0-95-0713



Wall check
OK 8-23-12
HS

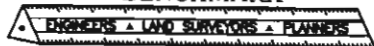
TOP OF FOUNDATION WALL = 400.4'
OFFSET DIMENSIONS TO PROPERTY LINES ARE $\pm 0.2'$

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 07/31/12.

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

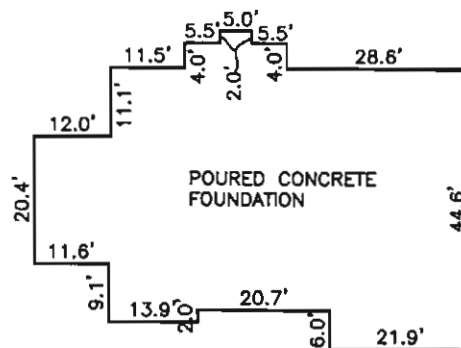
BENCHMARK



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: AS & ML
COMP. BY: EF
DRAWN BY: EDD



FOUNDATION DETAIL

SCALE: 1" = 30'

WALL CHECK
RIVERWOOD
PHASE 2
PLAT No. 19724
LOT No. 68

11220 WHITHORN WAY

3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 8/01/12