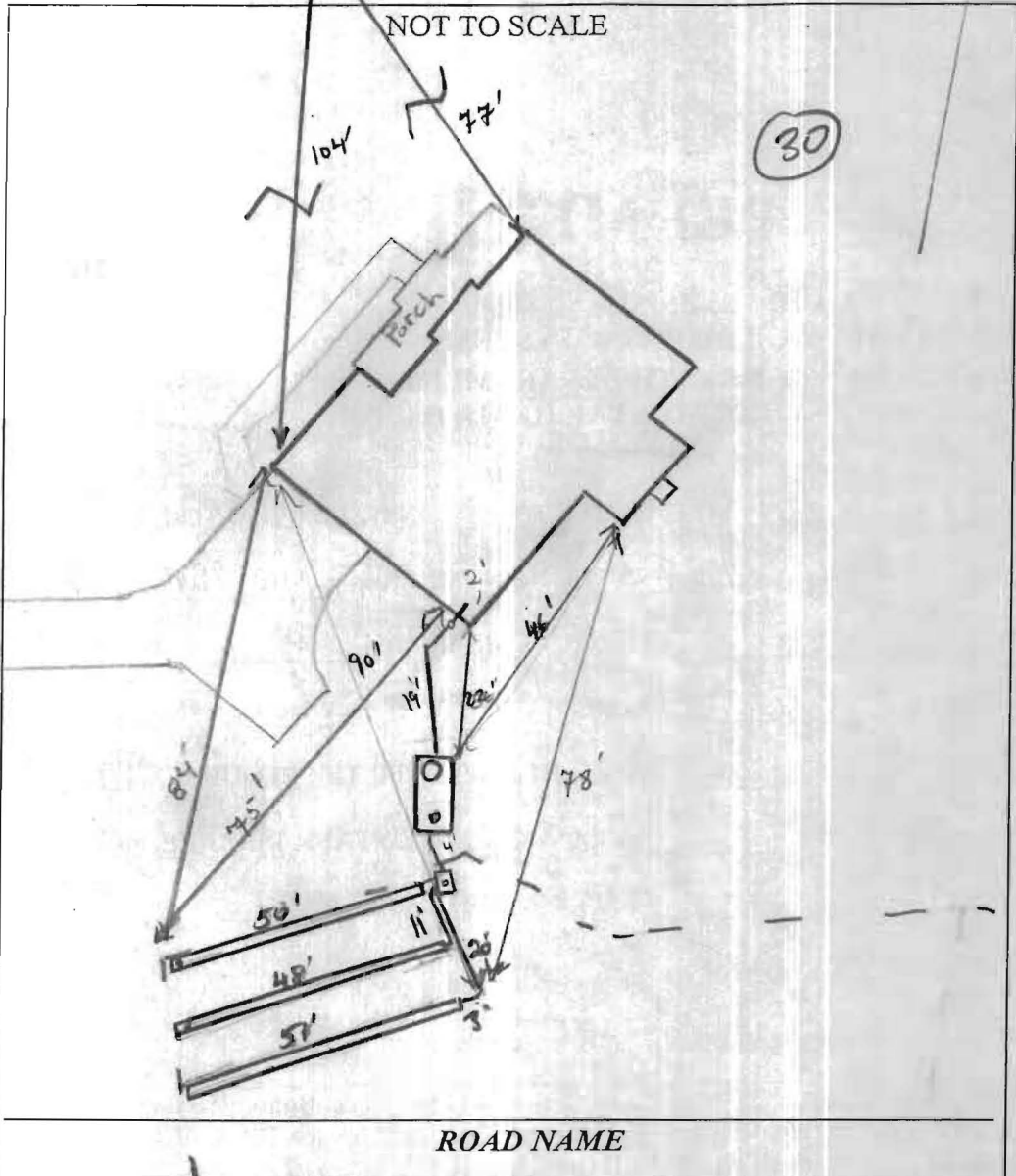


NOT TO SCALE



30

ROAD NAME

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	9'
NUMBER OF TRENCHES		3
TOTAL LENGTH		148'
ABSORPTION AREA		296 + SW
DISTRIBUTION BOX LEVEL		handls
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'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	5-27-11
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	—

PRE-CONSTRUCTION:

7/8/11 Contractor to set tank 20' from dwelling. Install trenches per BP 3x 48' trenches every 20' SEA towards castle bridge Rd. (X)

INSTALLATION:

7/11/11 Tank set, OK. Plumbing installed from house to D box. Contractor installing lowest trench using 10' slots of pipe measured 9' and 4' respectively, to verify trench depth. 7/12/11 System complete, D box kauled. OK to cover all work.

FINAL INSPECTOR

*H. Way*

DATE OF APPROVAL

7/12/11

LAYOUT 7-8-11 INSP 4 \_\_\_\_\_  
INSP 2 7-11-11 INSP 5 \_\_\_\_\_  
INSP 3 7-12-11 INSP 6 \_\_\_\_\_

ISSUE DATE: 6/28/11

# PERMIT

P 535277

APPROVAL DATE: 7/12/11

A 516084

Tax ID # 03-351319

**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 Junction PHONE NUMBER: 410-984-0047

SUBDIVISION: Riverwood LOT NUMBER: 44

ADDRESS: 4809 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: 0.8

SQUARE FOOTAGE OF HOUSE: 4,535

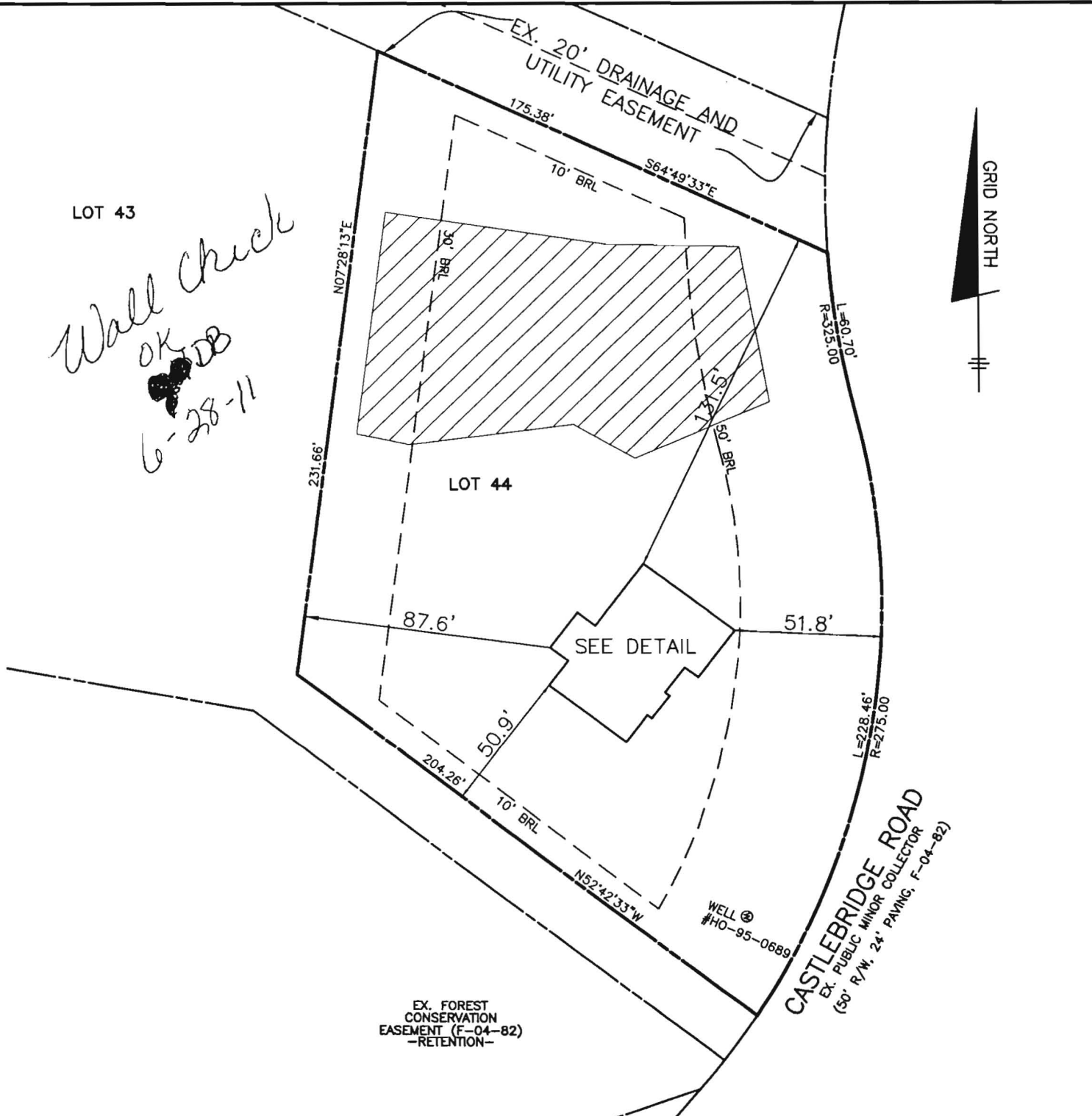
LINEAR FEET OF TRENCH REQUIRED: 143' KW

TRENCHES:	Trenches to be 2.0 feet wide. Inlet <u>6.0</u> feet below original grade. Bottom maximum depth <u>9.0</u> feet below original grade. Effective area begins at 6.0 feet below original grade with 5.0 feet of stone below distribution pipe.
LOCATION:	Basement will not sewer by gravity. Run 2x50 and 1x43' trenches on contour. Place d box at highest corner closest to house (approx. per plan.)
NOTES:	<b>Do not</b> 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: 5/6/11

- 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**



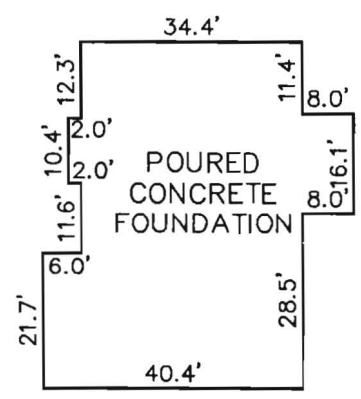
TOP OF FOUNDATION WALL = 394.6  
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

**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 06/17/11.

*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

**BENCHMARK**  
 ENGINEERS • LAND SURVEYORS • PLANNERS  
 ENGINEERING, INC.  
 8480 BALTIMORE NATIONAL PIKE • SUITE 418  
 ELLICOTT CITY, MARYLAND 21043  
 phone: 410-465-6105 • fax: 410-465-6644  
 www.bei-civilengineering.com



**FOUNDATION DETAIL**  
 SCALE: 1" = 30'

**WALL CHECK**  
**RIVERWOOD**  
**PHASE-2**  
**PLAT No. 19721**  
**LOT No. 44**

4809 CASTLEBRIDGE ROAD

3RD ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 06/17/11

P:\1950 RIVERWOOD HSES\dwg\8588B44.dwg, wallcheck, 6/21/2011 4:53:27 PM  
 FIELD OBS. BY AS/ML  
 COMP. BY EDD  
 DRAWN BY EDD