

LAYOUT 3/23/11 INSP 4 _____
 INSP 2 3/25/11 INSP 5 _____
 INSP 3 3/28/11 INSP 6 _____

ISSUE DATE: 3-17-11

PERMIT

P 534511

APPROVAL DATE: 3/28/11

A _____

Tax ID # 03-351548
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Hotfields Equipment IS PERMITTED TO INSTALL ALTER

ADDRESS: PO Box 519 Annapolis Junction 20701 PHONE NUMBER: 301 854 6172

SUBDIVISION: Riverwood II LOT NUMBER: 79

ADDRESS: 12028 Open Run Road PROPERTY OWNER: Winchester Homes

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 54 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: Unkwn 2' wide

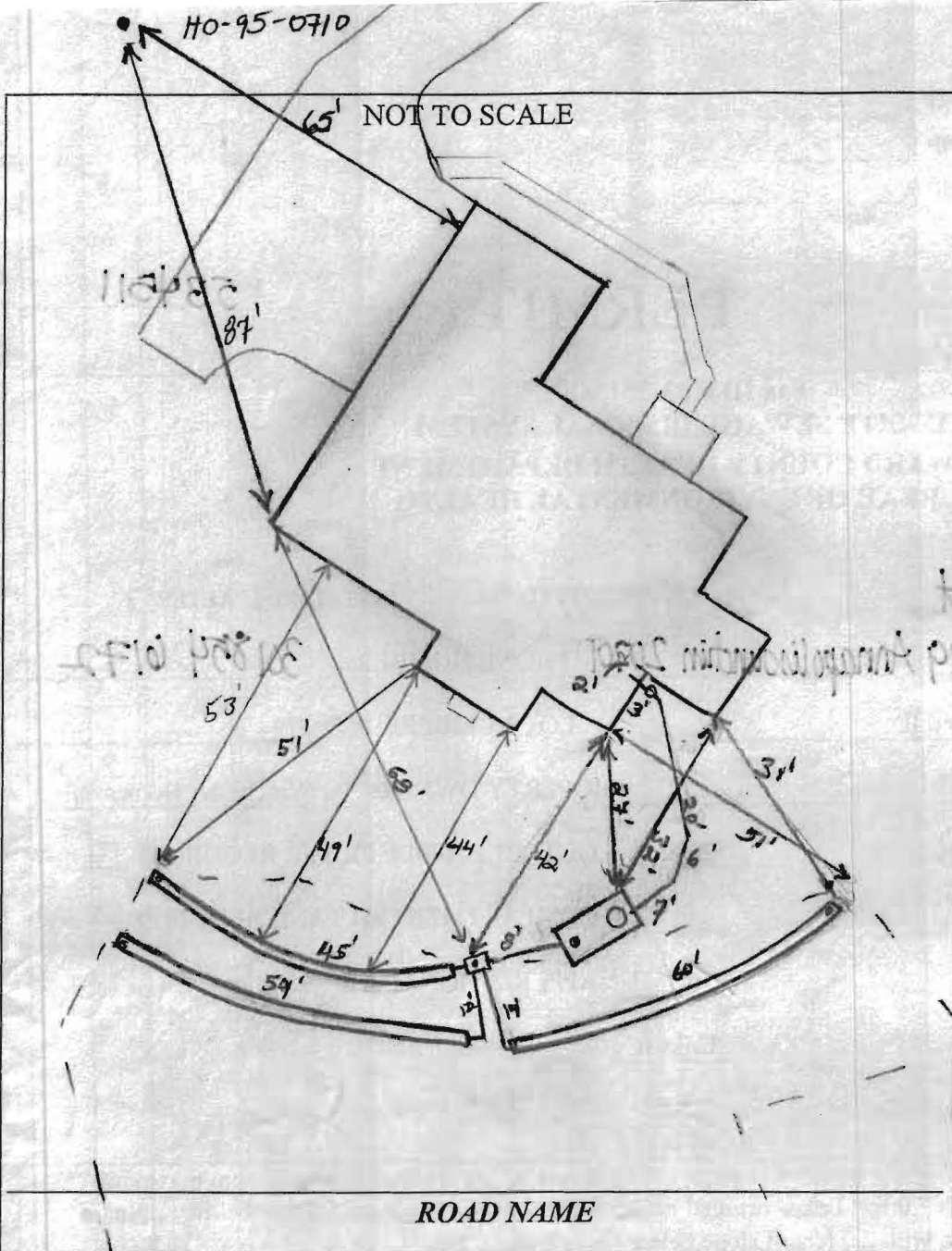
LINEAR FEET OF TRENCH REQUIRED: ~~1758~~ 150 LF 4-8' 75 den

| | |
|-----------|--|
| TRENCHES: | Trenches to be 3.0 feet wide. Inlet 5.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 5.5 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 177.5 feet of trench on contour per layout inspection. <u>3 trenches 42, 50, 58</u> |
| 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: 12/15/10

- 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



| TRENCH/DRAINFIELD DATA | | |
|-------------------------|-------|----------|
| WIDTH | INLET | BOTTOM |
| 2' | 4' | 8' |
| NUMBER OF TRENCHES | | 3 |
| TOTAL LENGTH | | 159' |
| ABSORPTION AREA | | 318' LSW |
| DISTRIBUTION BOX LEVEL | | Level |
| 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 | 2-3 |
| BAFFLES | Yes |
| BAFFLE FILTER | — |
| MANHOLE LOC | Front |
| 6" PORT LOC | Rear |
| WATERTIGHT TEST | — |
| SLOTTED | Yes |
| DATE ON LID | 1-25-11 |
| PUMP/SEPTIC TANK LEVEL | |
| MANUFACTURER | N/A |
| CAPACITY | — GAL |
| SEAM LOC | — |
| TANK LID DEPTH | — |
| BAFFLES | — |
| BAFFLE FILTER | — |
| MANHOLE LOC | — |
| 6" PORT LOC | — |
| WATERTIGHT TEST | — |
| SLOTTED | — |
| DATE ON LID | — |

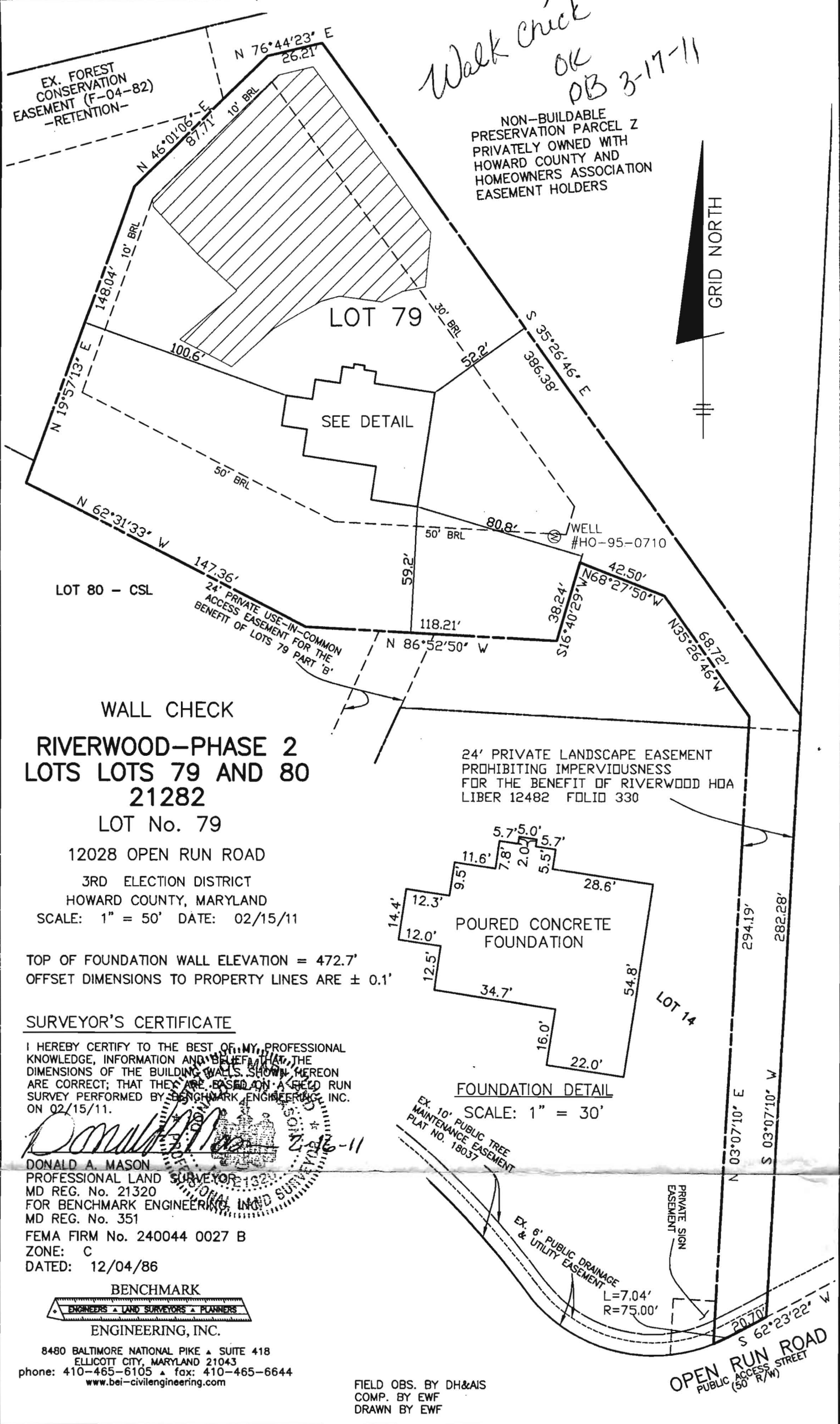
PRE-CONSTRUCTION: 3/23/11 Keep S.T. 20' from house. Set D box top center of SRA straight off of end of house. Install one 42' trench on center top part of SRA running towards back prop. low. A 58' trench just below running in same direction, and a 50' trench running in opposite direction. (K)

INSTALLATION: 3/25/11 S.T. set. one trench complete. Machine broke down. No other trenches completed.

3/28/11 System complete. D box leveled. OK to back fill (K)

FINAL INSPECTOR K. Kalf DATE OF APPROVAL 3/28/11

Walk check OK DB 3-17-11



WALL CHECK
RIVERWOOD-PHASE 2
LOTS 79 AND 80
21282
LOT No. 79

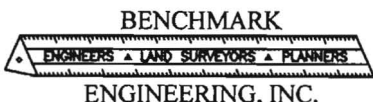
12028 OPEN RUN ROAD
 3RD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: 02/15/11

TOP OF FOUNDATION WALL ELEVATION = 472.7'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

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 RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 02/15/11.

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 B
 ZONE: C
 DATED: 12/04/86

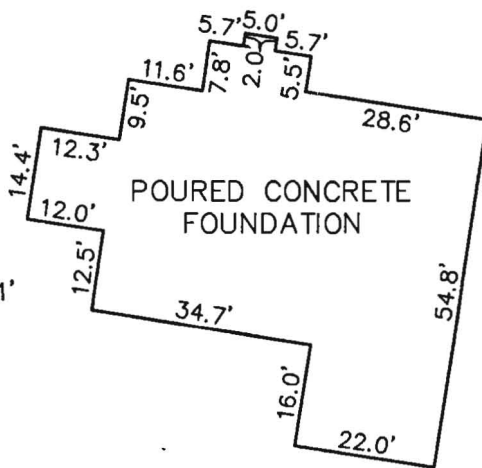


8480 BALTIMORE NATIONAL PIKE SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-465-6105 fax: 410-465-6644
 www.bei-civilengineering.com

FIELD OBS. BY DH&IS
 COMP. BY EWF
 DRAWN BY EWF

24' PRIVATE LANDSCAPE EASEMENT PROHIBITING IMPERVIOUSNESS FOR THE BENEFIT OF RIVERWOOD HOA LIBER 12482 FOLIO 330

FOUNDATION DETAIL
 SCALE: 1" = 30'



EX. 10' PUBLIC TREE MAINTENANCE EASEMENT PLAT NO. 18037

EX. 6' PUBLIC DRAINAGE & UTILITY EASEMENT L=7.04' R=75.00'

PRIVATE SIGN EASEMENT

OPEN RUN ROAD PUBLIC ACCESS STREET (50' R/W)