

LAYOUT 5/20/2011 INSP 4 _____
INSP 2 5/26/2011 INSP 5 _____
INSP 3 6/2/2011 INSP 6 _____

ISSUE DATE: 3-28-11

PERMIT

P 534530

APPROVAL DATE: 6/3/2011

A 516084

Tax ID # 03-345076

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

Hatfields Equipment IS PERMITTED TO INSTALL ALTER
ADDRESS: PO Box 519 Annapolis Junction 20701 PHONE NUMBER: 301 854 6172

SUBDIVISION: Riverwood LOT NUMBER: 4

ADDRESS: 11063 Hunters View 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: +3501 58' 68' + 70'

LINEAR FEET OF TRENCH REQUIRED: 28' 196' 5'-9' 2' Wide

| | |
|-----------|--|
| TRENCHES: | Trenches to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.0 feet below original grade with 4.0 feet of stone below distribution pipe. |
| LOCATION: | Set distribution box per plan. Run 3 x 50' trenches and 1 x 63' trench 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. |

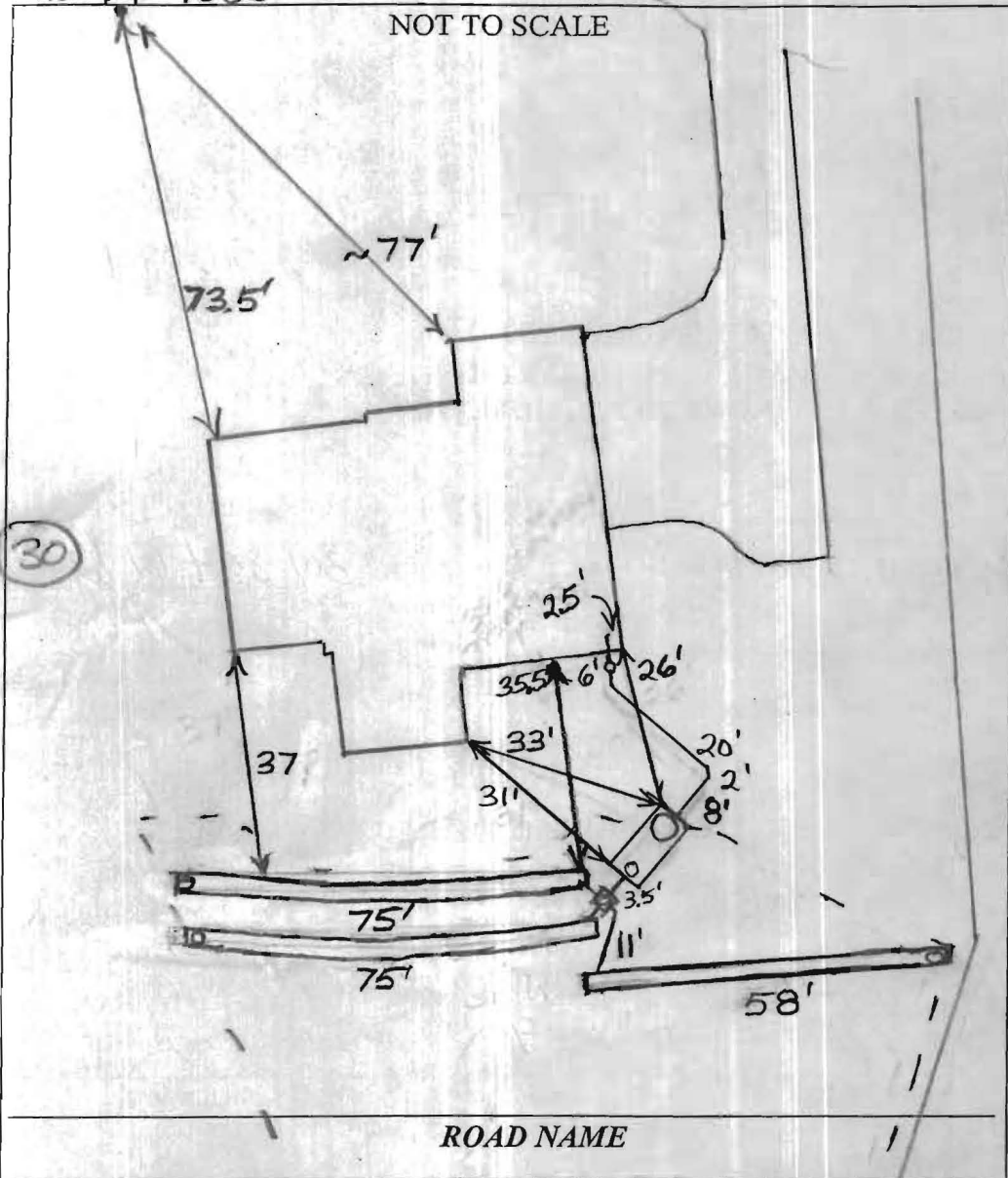
PLANS APPROVED: Heidi Scott DATE: 02/10/11

- 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**

HO-94-4005

NOT TO SCALE



| TRENCH/DRAINFIELD DATA | | |
|-------------------------|-------|----------|
| WIDTH | INLET | BOTTOM |
| 2' | 5' | 9' |
| NUMBER OF TRENCHES | | 3 |
| TOTAL LENGTH | | 208' |
| ABSORPTION AREA | | 624 |
| DISTRIBUTION BOX LEVEL | | Levelers |
| 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 | 0.5'-3' |
| BAFFLES | Yes |
| BAFFLE FILTER | No |
| MANHOLE LOC | Front |
| 6" PORT LOC | Rear |
| WATERTIGHT TEST | No |
| SLOTTED | Yes |
| DATE ON LID | Dry |
| 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 | |

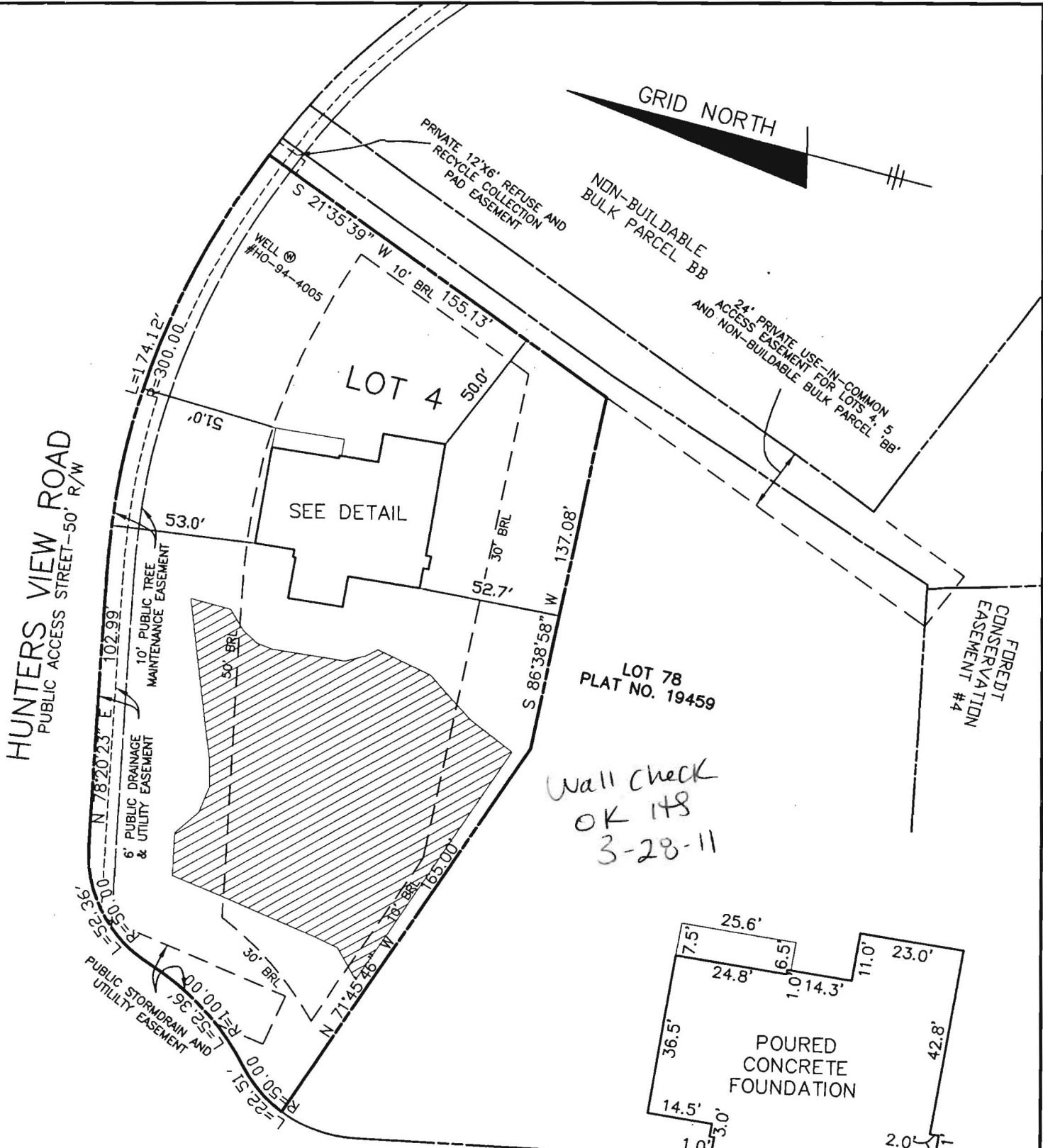
PRE-CONSTRUCTION:

5/20/2011 Still covering top of easement. Agreed that it was O.K. to set the tank near where shown but farther from the well box on lot 78. Remove fill and schedule trench layout. (BB)

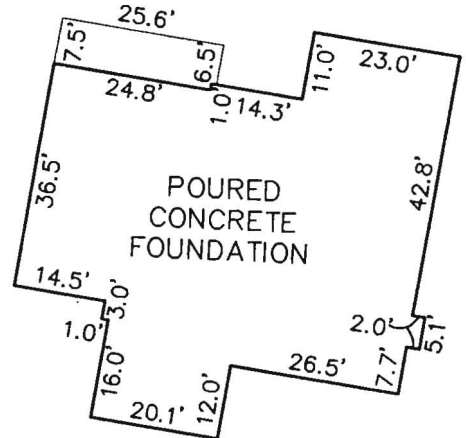
INSTALLATION: 5/26/2011 O.K. to set tank mostly in easement. Place box where shown on B.P. plan. Install 2 trenches on contour towards Hunters View Road (Upper 70' and lower 68' trench). Install one 58' trench on contour towards lot 78. See B.P. plan. Use laser for 58' trench. (BB)

6/2/2011 Tank set. House connection made. Starting on trenches.
6/3/2011 System finished. O.K. to back fill. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 6/3/2011



Wall check
OK 148
3-28-11



FOUNDATION DETAIL
SCALE: 1" = 30'

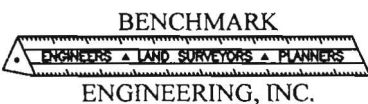
TOP OF FOUNDATION WALL ELEVATION = 453.9' 50' R/W
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

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 03/14/11.

Donald A. Mason
DONALD A. MASON
PROFESSIONAL LAND SURVEYOR
NO. 21320
MAY 20 2011

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



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 PJ&AIS
COMP. BY EWF
DRAWN BY EWF

WALL CHECK
RIVERWOOD
PHASE 1
PLAT No. 18039
LOT No. 4

11063 HUNTERS VIEW ROAD
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 03/14/11