



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

Monday, November 03, 2008

MEMORANDUM

To: FILE

From: Sara Sappington
Well and Septic Program

Re: 13556 Broccolino Way
Brighton Mill Lot 4
Septic Area adjustment

**IMPORTANT
SDA INFO**

Due to the >25% slopes on the Northwest and East sides of the sewage disposal area, this area will need to be adjusted prior to the approval of any modifications to the property. A revised percolation certification plan will be required. There is potential for the area to extend under the driveway. Further review will be needed for any potential variance approvals related to septic area adjustments. An initial and two replacement septic systems for a 4 bedroom home will fit in an adjusted easement keeping 25' from the downhill 25% slopes.

LAYOUT 7/24/08 INSP 4 _____
 INSP 2 8/12/08 INSP 5 _____
 INSP 3 8/15/08 INSP 6 _____

ISSUE DATE: 7/23/08

P 529496

APPROVAL DATE: 10/2/08 KW

A 516903

PERMIT

TAX ID # 05450047

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

Stormwater Facilities IS PERMITTED TO INSTALL ALTER

ADDRESS: 742 Cecil Ave, Millersville, MD 21108 PHONE NUMBER: 410-320-4990

SUBDIVISION: Brighton Mill LOT NUMBER: 4

ADDRESS: 13556 Broccolino Way PROPERTY OWNER: NVR Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: 248 220'

*Trenches 2' Wide
 Inlet 5'
 Bottom 8.5'
 45'
 50'
 60'
 65'*

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 5.5 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	
NOTES:	Install per plan unless directed by HCHD. Layout required prior to septic installation.

PLANS APPROVED: Sara Sappington DATE: 6/27/08

- 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 UNLESS SPECIFICALLY AUTHORIZED

NEITHER THE HOWARD COUNTY COUNCIL NOR 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

As-Built Drawing On
Separate Sheet

Part of Easement
Compromised Because
of Excessive Grading -
> 25% Slopes Near Sides

ROAD

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	5'	8.5'

NUMBER OF TRENCHES 4

TOTAL LENGTH 220'

ABSORPTION AREA 660

DISTRIBUTION BOX LEVEL Yes

DISTRIBUTION BOX BAFFLE Elbow

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 1'-2.5'

Baystar
slotted
BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front+Rear

6" PORT LOC None

WATERTIGHT TEST No

SEPTIC TANK 2 LEVEL Yes

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 1'-2.5'

Baystar
BAFFLES Front

BAFFLE FILTER No

MANHOLE LOC Rear

6" PORT LOC None

WATERTIGHT TEST No

PRE-CONSTRUCTION 7/24/08 Layout cancelled because too much

lumber in easement. Parts of easement are unusable

INSTALLATION because of grading for driveway and road.

Trench specs. changed to save area. (BB) 8/11/08 Set

septic tanks across swale near bottom of easement.

Trench locations marked and staked in field. Install

a 45', 50', 60' and 65' trench. (BB) 8/15/08 Everything finished

except for pump and alarm test. (BB)

10/2/08 Pump and alarm test OK.

FINAL INSPECTOR H. Waff DATE OF APPROVAL 10/2/08

HO-95-1007

56'

62'

13556
Broccolino Way

Lot 4

4'

35'

37.5'

31'

126'
to Dist.
Box

40.5'

108'

48'

60'

57'

97'

117'

135'

65'

60'

50'

45'

6.5'

3'

9.5'

85.27'

10.5'

6.5'

10'

18'

21'

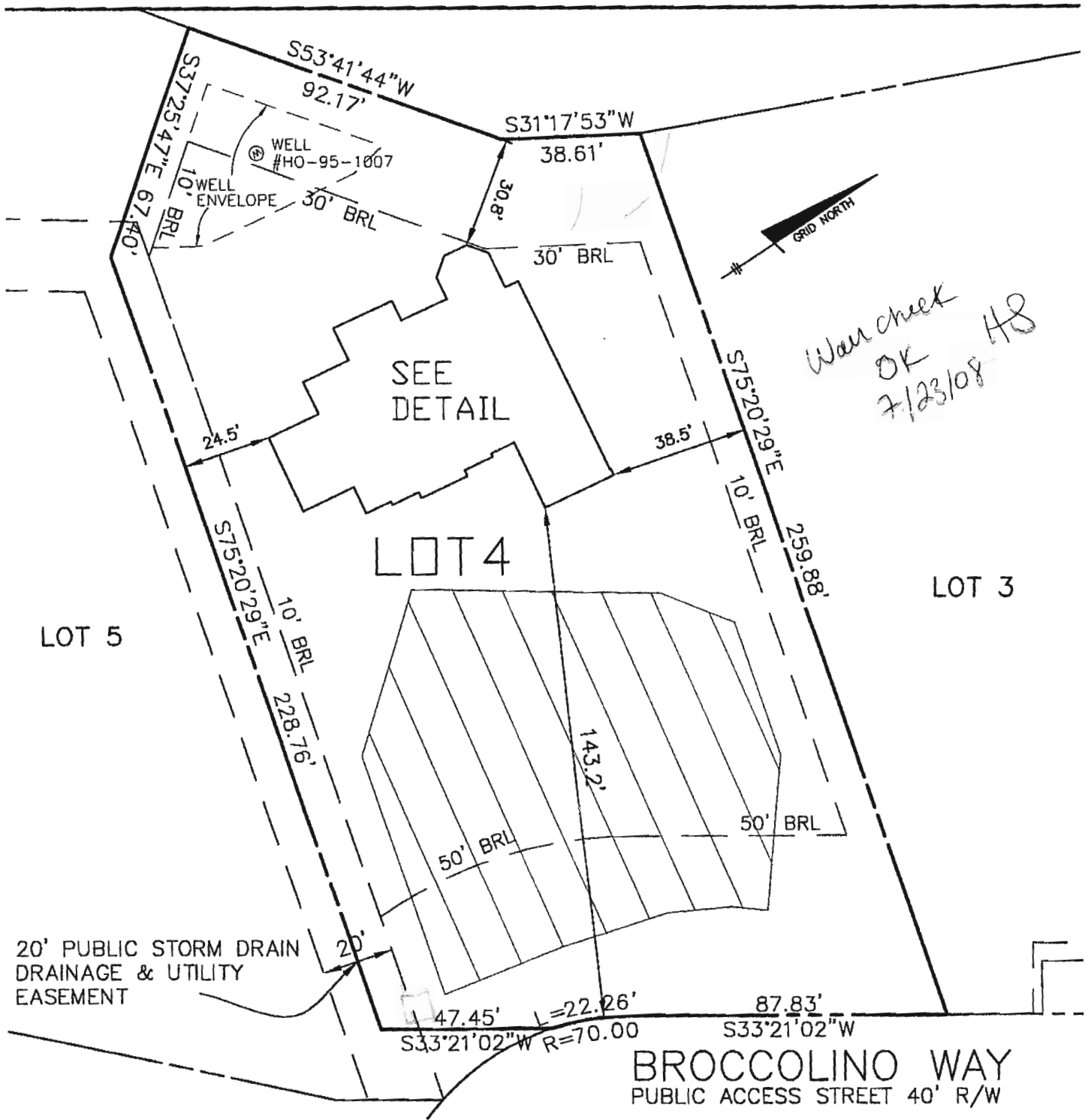
1.5'

NOT TO SCALE

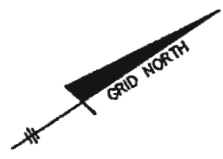
83
19

45
50
60
65

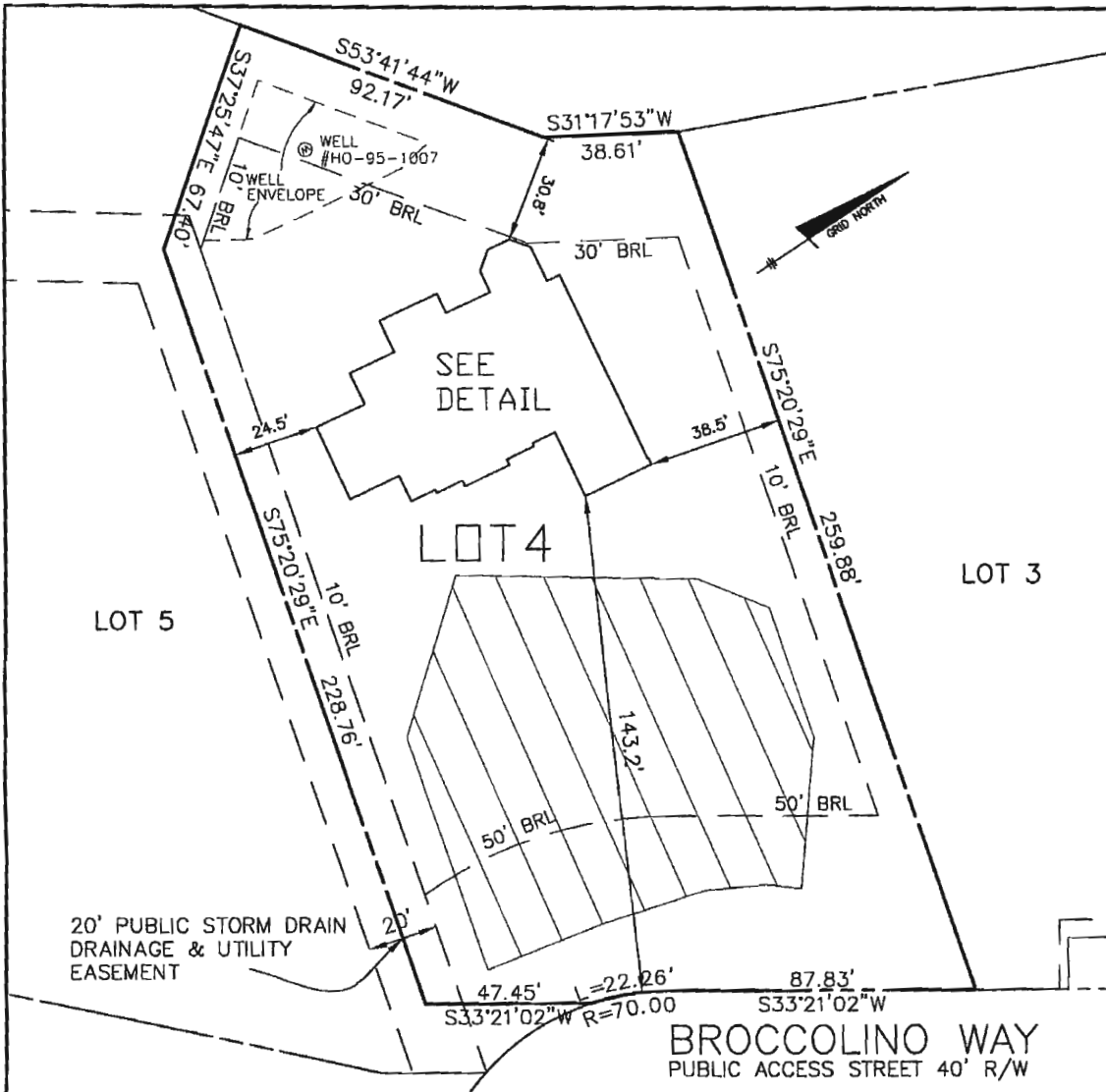
18



War check
 OK
 7/23/08
 HS



SCALE 1" = 40'



TOP OF FOUNDATION WALL ELEVATION = 472.6'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.2'

SURVEYOR'S CERTIFICATE

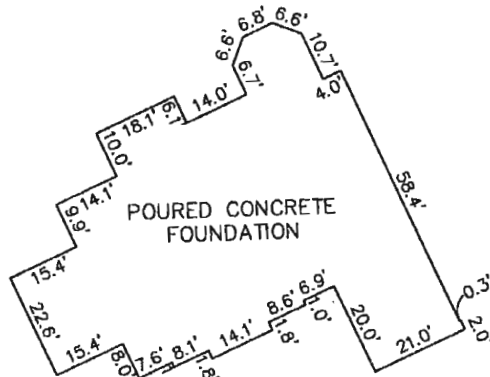
I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 07/15/08.

Donald Mason
 DONALD A. MASON
 PROFESSIONAL LAND SURVEYOR
 MD REG. No. 21320
 FOR BENCHMARK ENGINEERING, INC.
 MD REG. No. 351
 FEMA FIRM No. 240044 0032 B
 ZONE: C
 DATED: 12/04/86



BENCHMARK
 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
BRIGHTON MILL
LOTS 1-22
PLAT No. 19462
LOT No. 4

13556 BROCCOLINO WAY
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 40' DATE: 07/15/08

* goes with approved wallcheck
 7/23/08



HOWARD COUNTY HEALTH DEPARTMENT

29496

~~FILED~~
DILPV
FAXV
CLAREV
DOGLV
PL

DATE
7/23/08

ps

Received From

Stowater Facilities

PHONE # 410.439.9496

CASH

CHECK

NO.

For Septic permit - Lot 4 Brighton Mill
13556 - Broccolona Way

12319 Three hundred ninety six dollars Dollars

\$ 3916⁰⁰

Received By LBS/m