

LAYOUT 8/10/09 INSP 4 _____
INSP 2 8/11/09 INSP 5 _____
INSP 3 8/12/09 INSP 6 _____

ISSUE DATE: 8/10/2009

PERMIT

P 531100

APPROVAL DATE: 7/23/09

A 531100

Tax ID # 05450209

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

STORMWATER FACILITIES INC IS PERMITTED TO INSTALL ALTER

ADDRESS: 742 CECIL AVENUE N PHONE NUMBER: _____
MILLEERSVILLE MD 21108

SUBDIVISION: Brighton Mill LOT NUMBER: 18

ADDRESS: 13569 Broccolino Way PROPERTY OWNER: NVR, INC.
Highland Development

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: _____

4-6

LINEAR FEET OF TRENCH REQUIRED: 150

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.
LOCATION:	<ol style="list-style-type: none">1. Set septic tank per layout inspection.2. Set distribution box per layout inspection.3. Install 150 feet of trench on contour (2) two-75 foot trenches per layout inspection. (Spacing 3 ft. wide.)
NOTES:	<ol style="list-style-type: none">1. Stake septic easement corners and addition corners for layout inspection.2. Call for layout inspection.3. Mark utilities.4. Gravel tickets must be available for Environmental Sanitarians.

PLANS APPROVED: Dana Bernard DATE: 7/29/09

- 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**

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>140</u>		
ABSORPTION AREA <u>420'±SW</u>		
DISTRIBUTION BOX LEVEL <u>Yes</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	<u>Yes</u>
MANUFACTURER	<u>Baystar</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>1.5'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>—</u>
MANHOLE LOC	<u>Front/Rear</u>
6" PORT LOC	<u>none</u>
WATERTIGHT TEST	<u>—</u>
SLOTTED	<u>Yes</u>
DATE ON LID	<u>Yes</u>
PUMP/SEPTIC TANK LEVEL	<u>Yes</u>
MANUFACTURER	<u>Baystar</u>
CAPACITY	<u>1500</u> GAL
SEAM LOC	<u>Yes</u>
TANK LID DEPTH	<u>1'</u>
BAFFLES	<u>no</u>
BAFFLE FILTER	<u>—</u>
MANHOLE LOC	<u>Rear</u>
6" PORT LOC	<u>none</u>
WATERTIGHT TEST	<u>—</u>
SLOTTED	<u>no</u>
DATE ON LID	<u>Yes</u>

~~See~~ See Separate Sheet for As-Built

ROAD NAME

PRE-CONSTRUCTION:

8/10/09 Contractor to set tanks per approved RP plan. Install 2x70' trenches @ inlet 4" bottom 6". Stone is @ breaking point. Slightly dirty. (KW)

INSTALLATION:

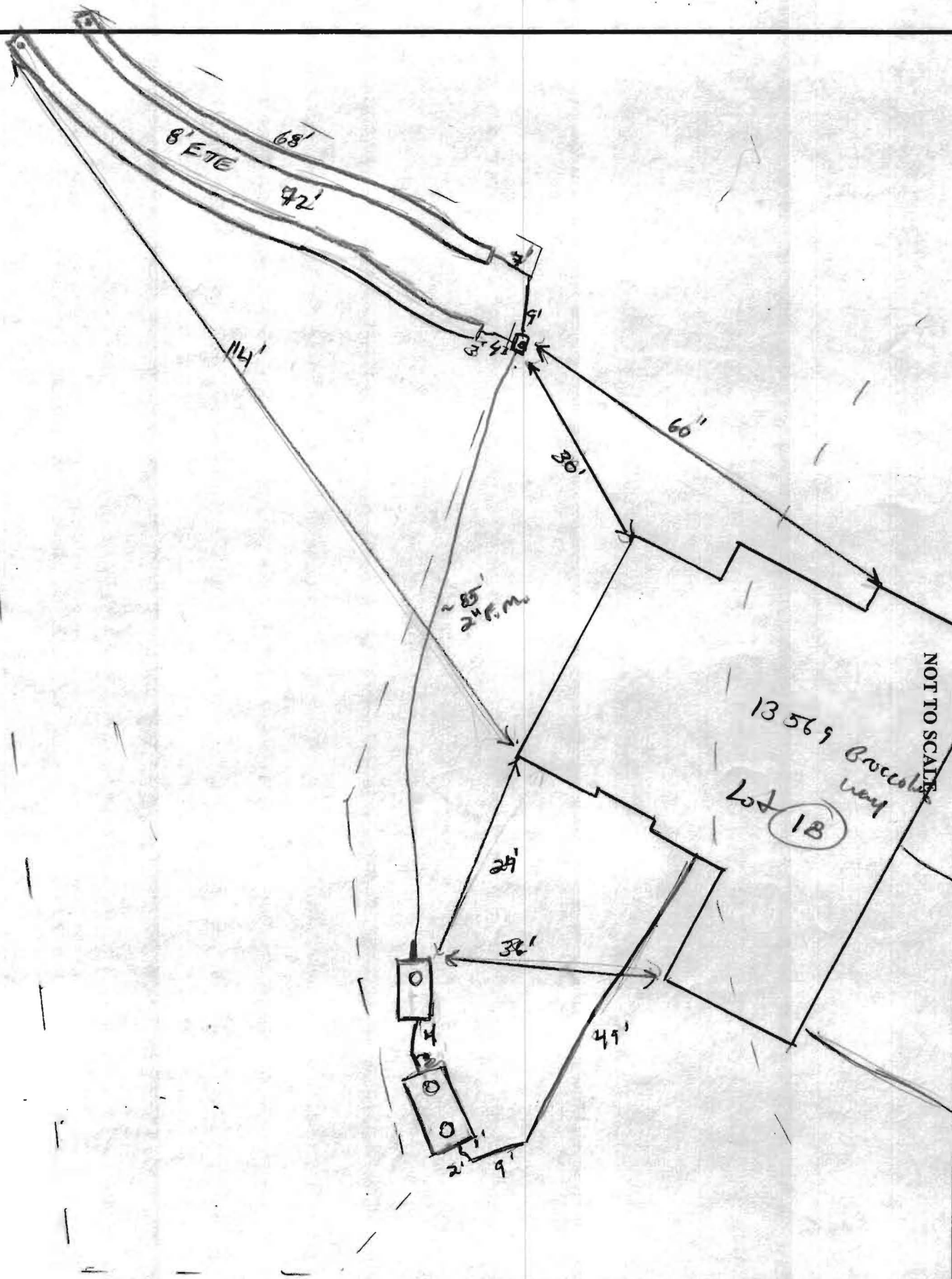
8/11/09 D box set. Trenches started ~ 7-10' or so into SDA. Should be OK. Top far corner of SDA falls off, OK to continue. (KW)
 8/12/09 Septic tank and pump tank set along side SDA closer to wards house out of well box radius. OK. 2" F.M. on the D box. 4" SWE installed. OK to cover all work. Need P/A test for final approval (KW) 9/23/09 P/A test OK (KW)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

9-23-09



NOT TO SCALE

13569 Buccolea way
Lot 18

8' ETE
68'
92'

114'

~ 8'
24' E.M.

30'

60'

24'

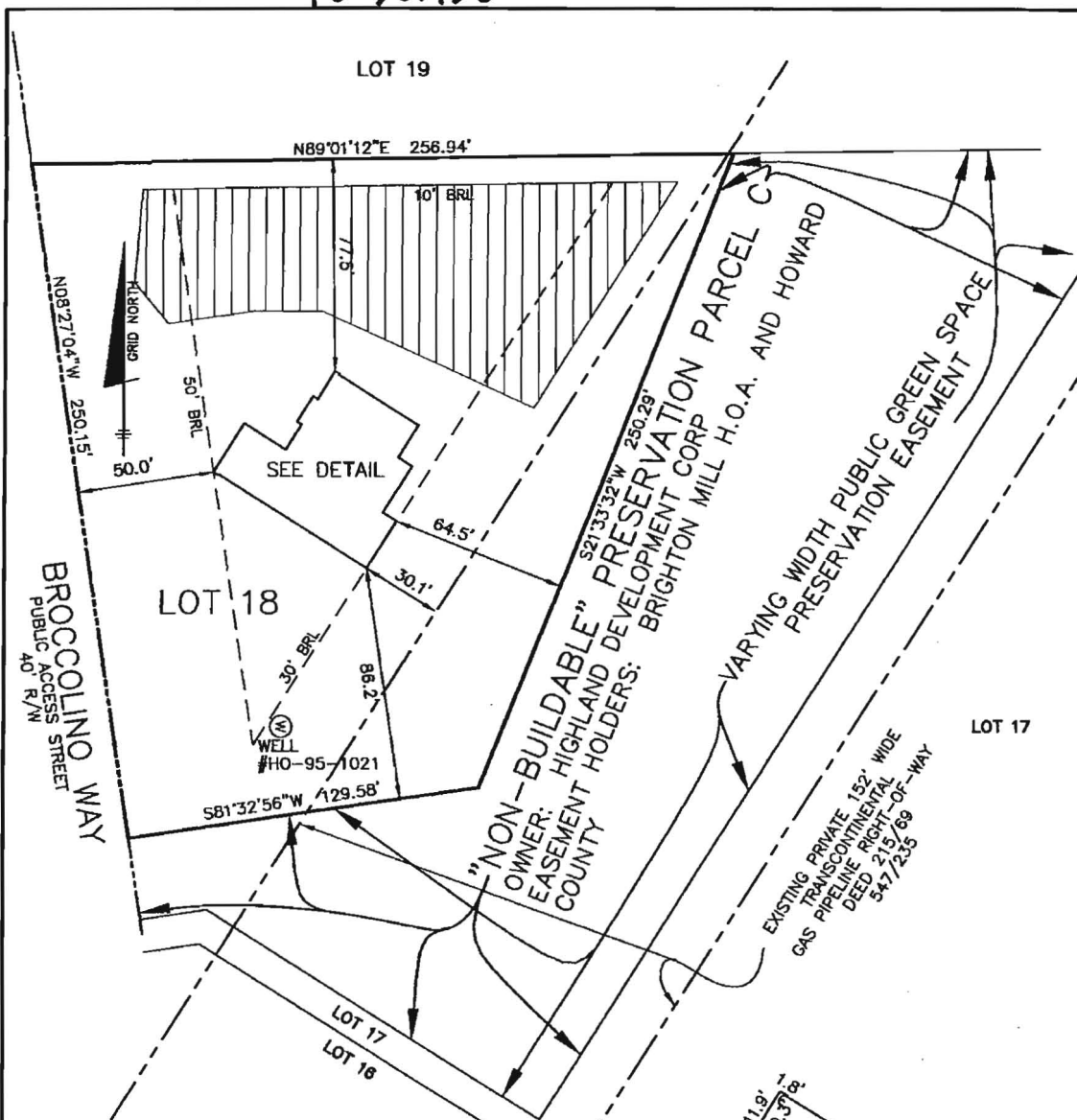
32'

49'

2'

9'

NOT TO SCALE



TOP OF FOUNDATION WALL ELEVATION = 486.7'
 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 07/08/09.

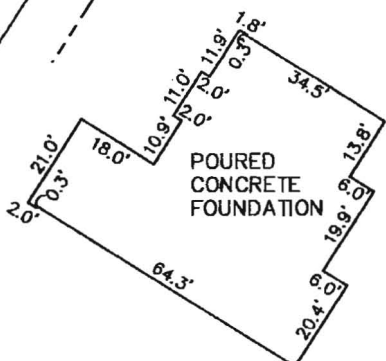
Donald A. Mason
 DONALD A. MASON
 PROFESSIONAL LAND SURVEYOR
 MD REG. No. 21320
 FOR BENCHMARK ENGINEERING, INC.
 MD REG. No. 351
 FEMA FIRM No. 240044 0032 B
 ZONE: C
 DATED: 12/04/86



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

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



FOUNDATION DETAIL
 SCALE: 1" = 30'

WALL CHECK
BRIGHTON MILL
LOTS 1 THRU 22
PLAT No. 19463
LOT No. 18

13569 BROCCOLINO WAY

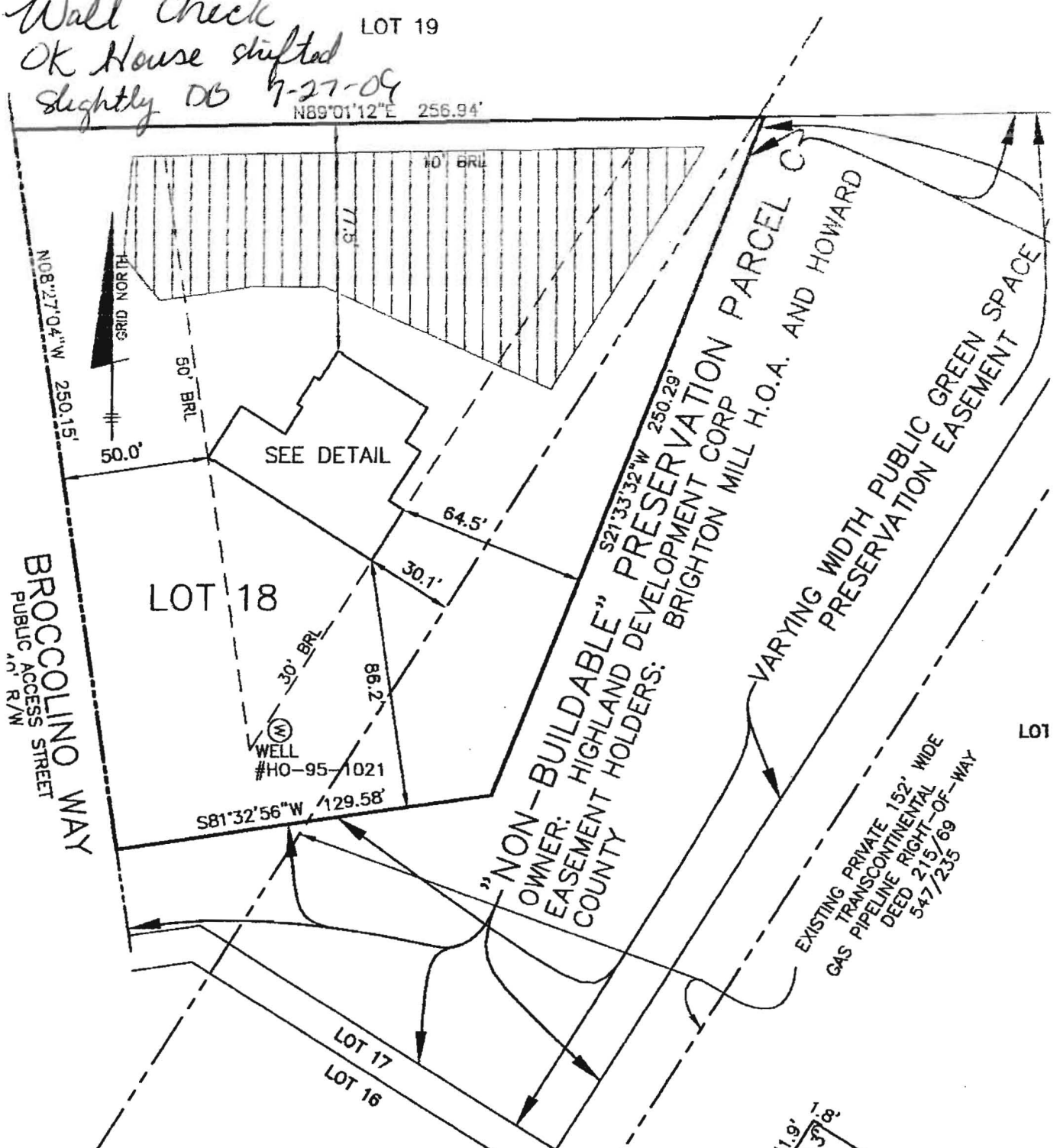
5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 07/08/09

Lot 18

SCALE 1" = 50'

Wall Check
OK House shifted
slightly DB 7-27-09



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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.

