

LAYOUT 11/26/07 INSP 4 12/3/07
 INSP 2 11/27/07 INSP 5 _____
 INSP 3 11/28/07 INSP 6 _____

ISSUE DATE: _____

APPROVAL DATE: 12/4/07 **PERMIT** *Logged* P 527881
Reg Into Permit Manager A 518543
 TAX ID # 05-445124

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

South Carroll Backhoe IS PERMITTED TO INSTALL ALTER

ADDRESS: 4410 Salem Bottom Rd. PHONE NUMBER: (410) 875-4197

SUBDIVISION: Clarksville Overlook LOT NUMBER: 19

ADDRESS: 6310 Kerne Court PROPERTY OWNER: NVR Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: 177.5

*Inlet 3.5'
 Bottom 7'
 2' Wide
 214' of Trench with 2' of Sidewall*

| | |
|-----------|---|
| 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: | Install (3) x 60' length trenches on contour in the highest portion the septic area or as instructed at the pre-construction layout inspection. |
| NOTES: | Basement approved for gravity service. |

PLANS APPROVED: Gabriel Creighton DATE: 8/15/07

- 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

H0-95-0325

NOT TO SCALE

30.5'

54'

71'

11'

6'

12.5'

17'

48.5'

52'

19'

37.5'

41.5'

12.5'

7.5'

45'

42'

29.5'

57'

5.5'

20.5'

4.5'

65'

98'

30'

ROAD

TRENCH/DRAINFIELD DATA

| WIDTH | INLET | BOTTOM |
|--|-------|--------|
| 2' | 3.5' | 7' |
| NUMBER OF TRENCHES <u>3</u> | | |
| TOTAL LENGTH <u>208'</u> | | |
| ABSORPTION AREA <u>312</u> | | |
| DISTRIBUTION BOX LEVEL <u>Levelers</u> | | |
| DISTRIBUTION BOX BAFFLE <u>Yes</u> | | |
| DISTRIBUTION BOX PORT <u>Yes</u> | | |

SEPTIC TANK DATA

| | |
|---------------------|-------------------|
| SEPTIC TANK 1 LEVEL | <u>Yes</u> |
| CAPACITY | <u>2000</u> GAL |
| SEAM LOC | <u>Top</u> |
| TANK LID DEPTH | <u>1-2.5'</u> |
| BAFFLES | <u>Yes</u> |
| BAFFLE FILTER | <u>No</u> |
| MANHOLE LOC | <u>Front+Rear</u> |
| 6" PORT LOC | <u>None</u> |
| WATERTIGHT TEST | <u>No</u> |
| SEPTIC TANK 2 LEVEL | <u>N/A</u> |
| CAPACITY | _____ GAL |
| SEAM LOC | _____ |
| TANK LID DEPTH | _____ |
| BAFFLES | _____ |
| BAFFLE FILTER | _____ |
| MANHOLE LOC | _____ |
| 6" PORT LOC | _____ |
| WATERTIGHT TEST | _____ |

PRE-CONSTRUCTION

11/26/07 Trench specifications changed to utilize easement area more efficiently. Trench

locations marked in field. (BB)

INSTALLATION:

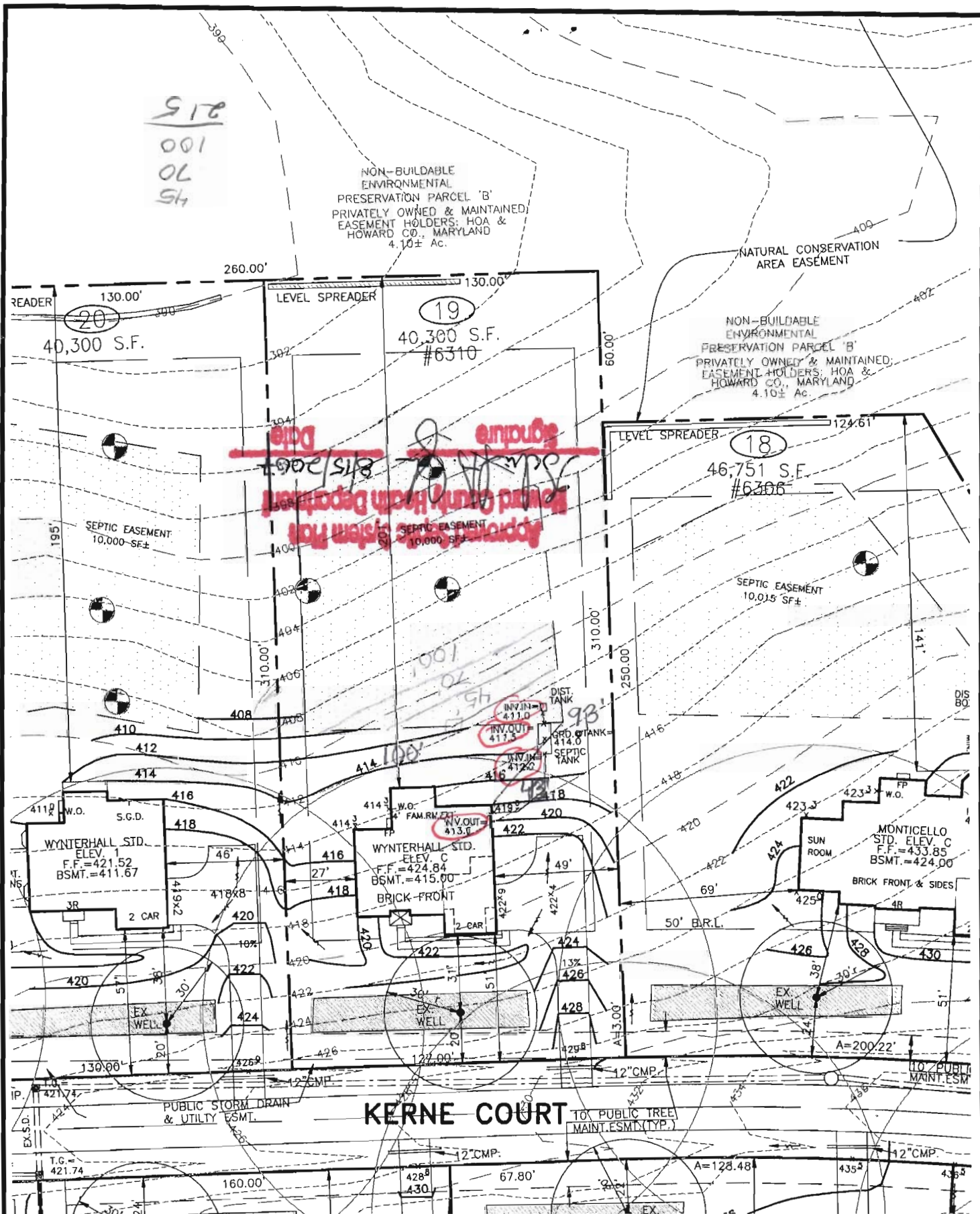
11/27/07 Tank set. (BB) 11/28/07 Top trench installed. (BB) 12/3/07 Second trench installed and house connection done. (BB) 12/4/07 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

12/4/07



SIC
001
06
54

Approved System Plan
 Howard County Health Department
 8/15/2007
 Signature
 Date

John Hill 7/9/07

THE EXISTING WELL SHOWN ON THIS PLAN, WELL TAG #HO-95-0325 HAS BEEN FIELD LOCATED BY MORRIS & RITCHIE ASSOC. INC, PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

DIRT IMPORT REQUIRED: 460 YDS.±
DIRT EXPORT REQUIRED: 000 YDS.±

SETBACKS: RR-DEO

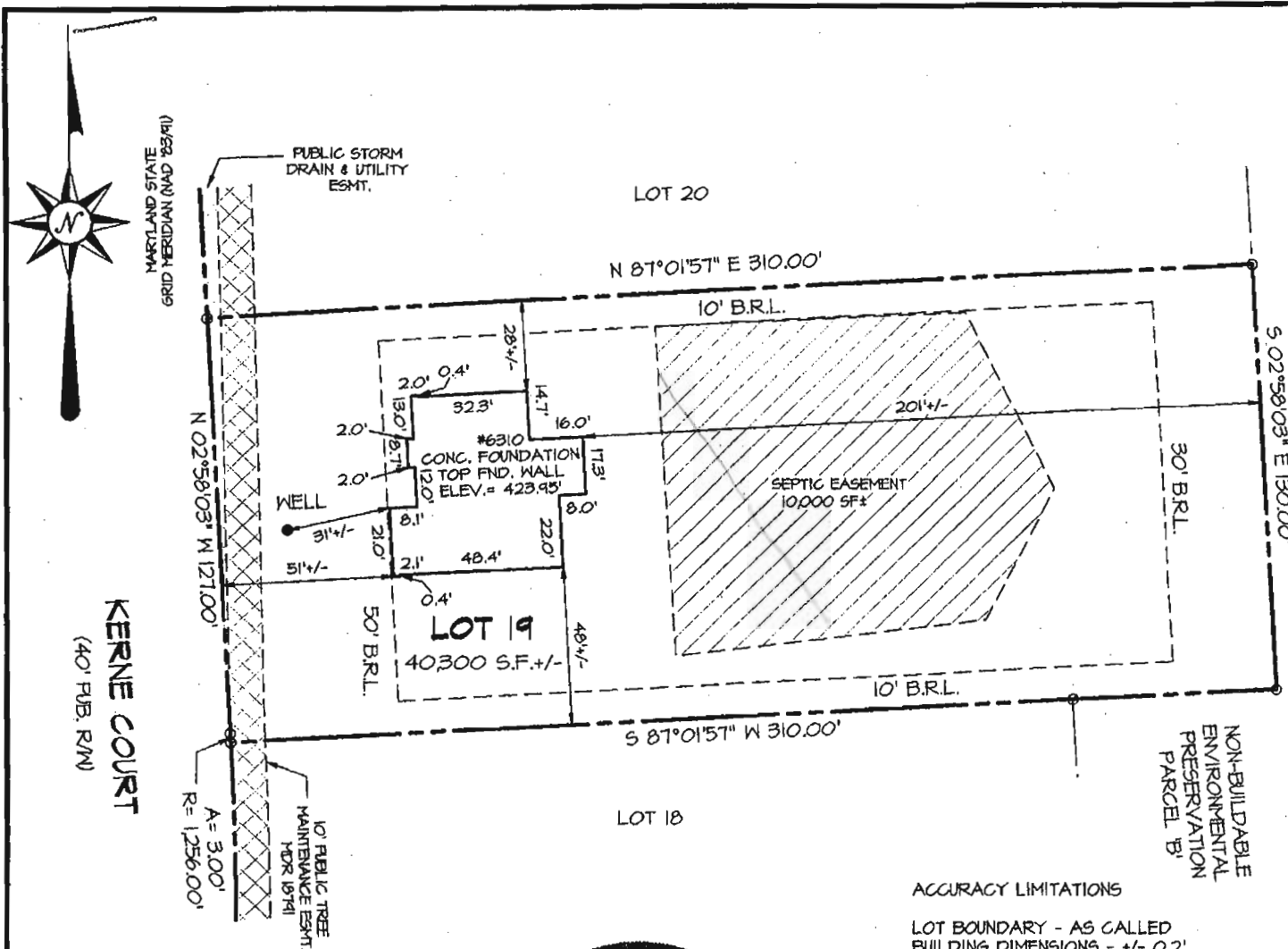
FRONT YARD: 50' MIN.
SIDE YARD: 10' MIN.
REAR YARD: 30' MIN.

BUILDER
N.V.HOMES
6085 MARSHALEE DRIVE, SUITE 130
ELKRIDGE, MARYLAND 21075
PH.: 410-379-5956



MORRIS & RITCHIE ASSOCIATES, INC.
ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS, & LANDSCAPE ARCHITECTS
3445-A Box Hill Corporate Center Drive
Abingdon, Maryland 21009
(410) 515-9000
Fax: (410) 515-9002

SITE & GRADING PLAN
FOR
CLARKSVILLE OVERLOOK
(A.K.A. MACBETH FARMS)
LOT 19 #6310 KERNE COURT
4TH ELECTION DISTRICT HOWARD CO., MARYLAND



SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE ELEVATIONS SHOWN HEREON ARE CORRECT AND ACCURATE TO + or - 0.05' OF VALUES SHOWN AND WERE DETERMINED FROM A FIELD RUN SURVEY UTILIZING THE PROJECT VERTICAL DATUM AND PERFORMED UNDER MY DIRECT SUPERVISION ON SEPTEMBER 20, 2007.

Kenneth L. Evans Jr. 10/3/2007
 KENNETH L. EVANS JR. DATE
 PROFESSIONAL LAND SURVEYOR
 MD. REG. NO. 21085

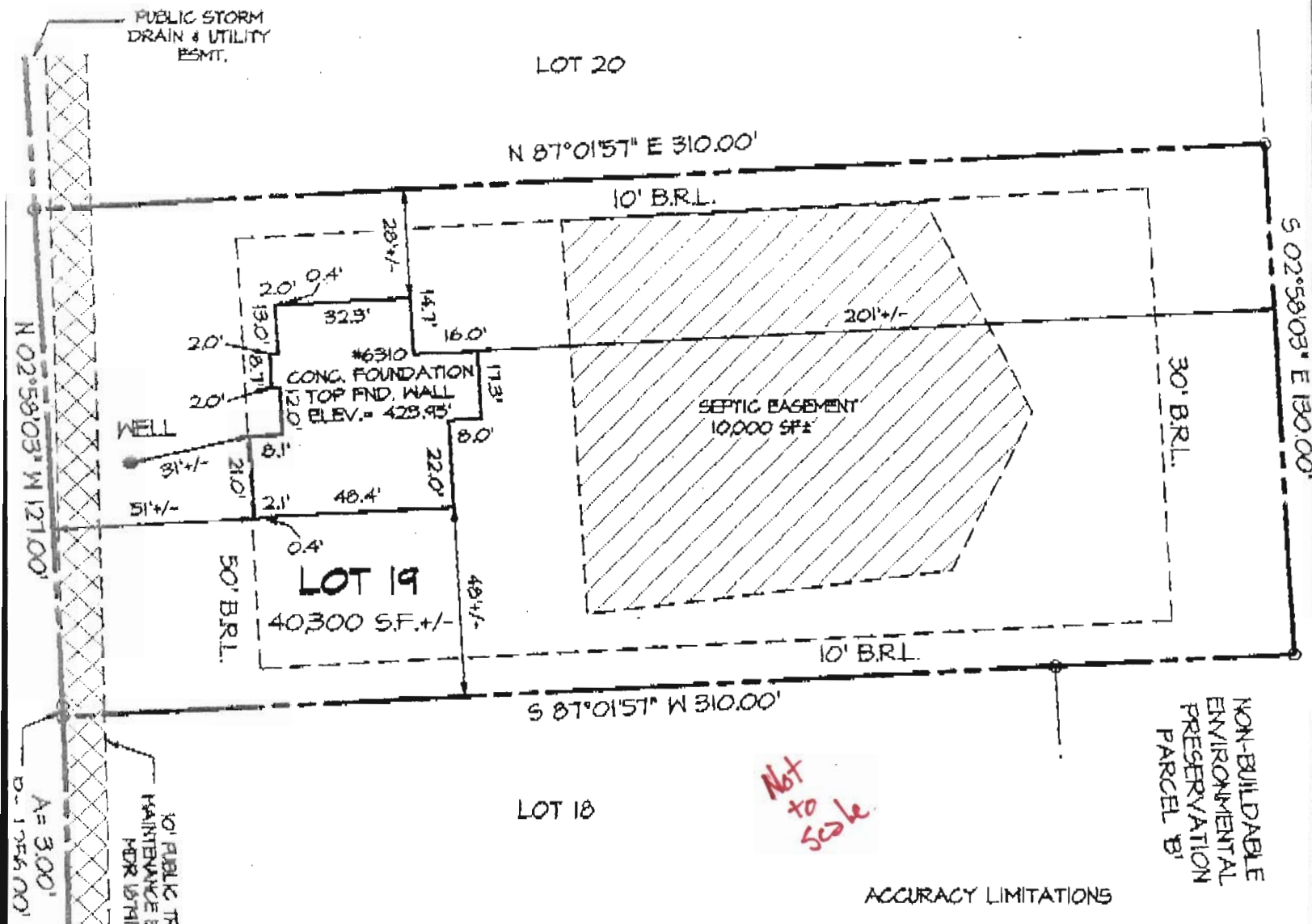


ACCURACY LIMITATIONS

LOT BOUNDARY - AS CALLED
 BUILDING DIMENSIONS - +/- 0.2'
 BUILDING TO LOT LINE - +/- 1'

- 1) THIS LOCATION SURVEY HAS BEEN PREPARED UTILIZING DEEDS, PLATS OF RECORD AND FIELD INSPECTION OF THE SUBJECT PROPERTY ONLY.
- 2) THIS PROPERTY MAY BE SUBJECT TO EASEMENTS AND RIGHTS-OF-WAY OF RECORD THAT MAY OR MAY NOT BE SHOWN HEREON.
- 3) THIS IS A LOCATION SURVEY ONLY AND DOES NOT CONSTITUTE AND IS NOT INTENDED TO BE A BOUNDARY SURVEY. THIS PLAT SHOULD NOT BE RELIED UPON FOR ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER PHYSICAL IMPROVEMENTS.
- 4) THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING.

| | | | |
|--|--|---|---------------------------------|
| | MORRIS & RITCHIE ASSOCIATES, INC. ENGINEERS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS | AS-BUILT FOUNDATION PLAN MACBETH FARMS 6310 KERNE COURT LOT #19 PLAT M.D.R. NO. 18792 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND FOR: N.V. HOMES | |
| | 14280 PARK CENTER DRIVE, SUITE A LAUREL, MD 20707 (410)792-9792 FAX: (410) 792-7395 | SCALE: 1" = 50' DATE: 10/03/2007 DRAWN BY: AHB | REVIEW BY: KLE JOB NO. 14948 |

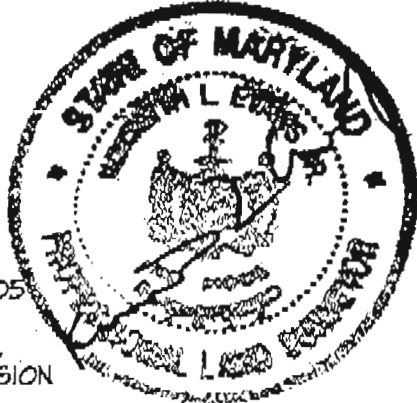


Not to Scale

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CERTIFICATE

THAT THE ELEVATIONS SHOWN ARE CORRECT AND ACCURATE TO + or - 0.05' AND WERE DETERMINED FROM A SURVEY UTILIZING THE PROJECT VERTICAL CURVE UNDER MY DIRECT SUPERVISION ON 10/3/2007.

[Signature]
 JR. SURVEYOR
 DATE: 10/3/2007

MORRIS & RITCHIE ASSOCIATES, INC.
 ENGINEERS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS
 14280 PARK CENTER DRIVE, SUITE A
 LAUREL, MD 20707
 (410) 792-4742
 FAX: (410) 792-7395

AS-BUILT FOUNDATION PLAN
 MACBETH FARMS
 6310 KERNE COURT
 LOT #19
 PLAT M.D.R. NO. 18792
 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 FOR: N.V. HOMES

| | | | |
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| DATE: 10/03/2007 | DRAWN BY: AHB | REVIEW BY: KLE | JOB NO. 14948 |
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