

LAYOUT 3/19/08 INSP 4 \_\_\_\_\_  
INSP 2 4/2/08 INSP 5 \_\_\_\_\_  
INSP 3 4/3/08 INSP 6 \_\_\_\_\_

ISSUE DATE: 2/28/05

# PERMIT

*Permit manager*  
P 528517

APPROVAL DATE: 4-14-08

A 518543

TAX ID # 05444985

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

*26-06.5  
28-00  
29-00  
31-00*

South Carroll Backhoe IS PERMITTED TO INSTALL  ALTER

ADDRESS: 4410 Salem Bottom Rd, Westminster PHONE NUMBER: 410-875-4197

SUBDIVISION: Clarksville Overlook LOT NUMBER: 6

ADDRESS: 12836 Macbeth Farm Lane PROPERTY OWNER: NVR INC

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

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

*2' Wide*

SQUARE FEET PER BEDROOM: \_\_\_\_\_

*Inlet 5'*

LINEAR FEET OF TRENCH REQUIRED: 248 ~~240~~  
*200*

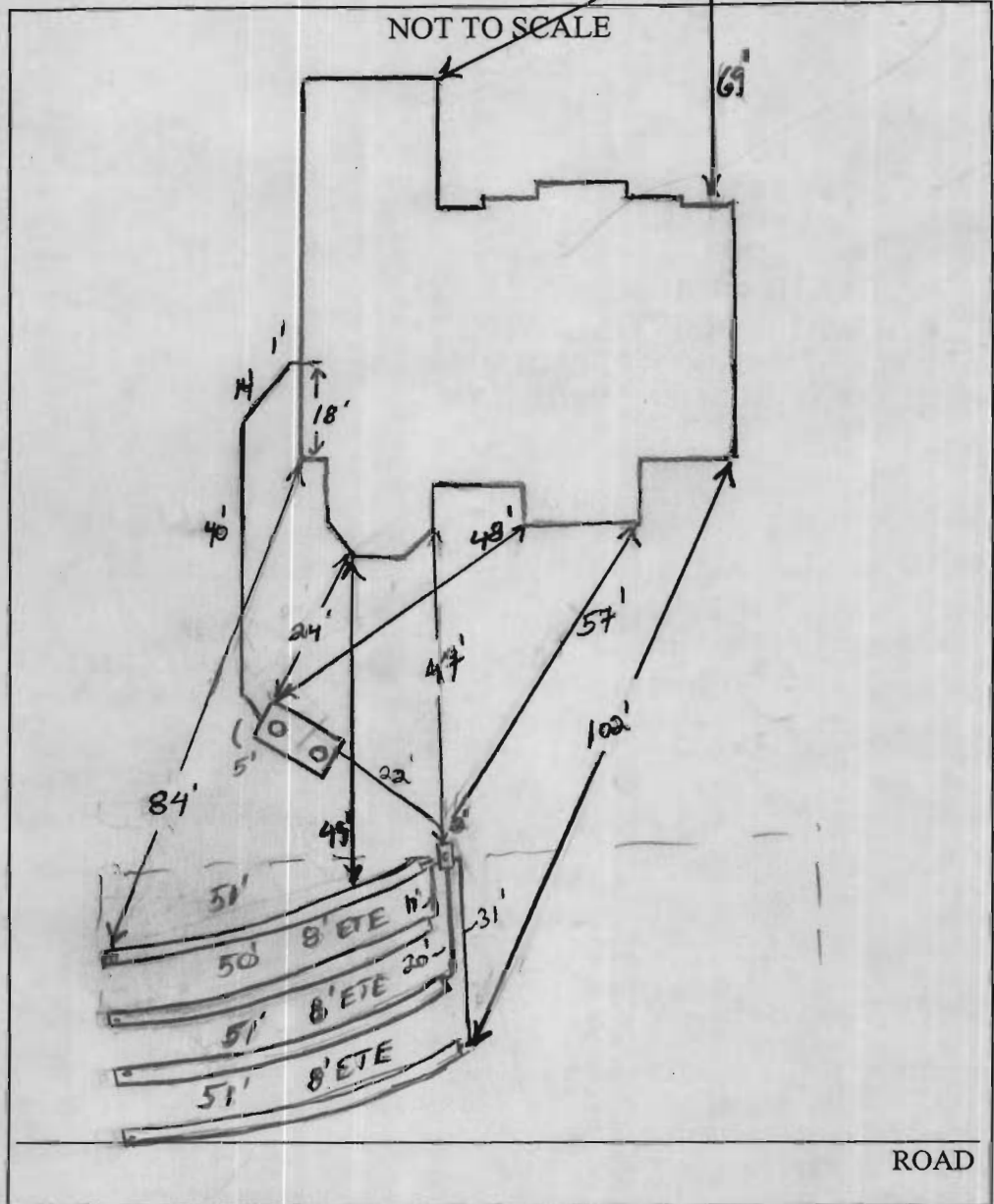
*Bottom 9'*

|           |   |
|-----------|---|
| TRENCHES: | Trench 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 6.5 feet below original grade. 4.0 feet of stone below distribution pipe. |
| LOCATION: | Locate distribution box at top center of SDA (see plan).  |
| NOTES:    | Install system per plan unless directed by HCHD. Layout inspection required prior to installation.  |

PLANS APPROVED: Sara Sappington DATE: 11/7/07

- 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**



| TRENCH/DRAINFIELD DATA  |       |           |
|-------------------------|-------|-----------|
| WIDTH                   | INLET | BOTTOM    |
| 2'                      | 5'    | 9'        |
| NUMBER OF TRENCHES      |       | 4         |
| TOTAL LENGTH            |       | 201       |
| ABSORPTION AREA         |       | 402' + SW |
| DISTRIBUTION BOX LEVEL  |       | locks     |
| DISTRIBUTION BOX BAFFLE |       | Yes       |
| DISTRIBUTION BOX PORT   |       | Yes       |

| SEPTIC TANK DATA               |                  |
|--------------------------------|------------------|
| SEPTIC TANK 1 LEVEL            | Yes              |
| CAPACITY                       | 2000 GAL         |
| SEAM LOC                       | Top              |
| TANK LID DEPTH                 | 2-2.5'           |
| BAFFLES                        | Yes              |
| BAFFLE FILTER                  | —                |
| MANHOLE LOC                    | East/Rear        |
| 6" PORT LOC                    | none             |
| WATERTIGHT TEST                | —                |
| <del>SEPTIC TANK 2 LEVEL</del> |                  |
| <del>CAPACITY</del>            | <del>— GAL</del> |
| <del>SEAM LOC</del>            | <del>—</del>     |
| <del>TANK LID DEPTH</del>      | <del>—</del>     |
| <del>BAFFLES</del>             | <del>—</del>     |
| <del>BAFFLE FILTER</del>       | <del>—</del>     |
| <del>MANHOLE LOC</del>         | <del>—</del>     |
| <del>6" PORT LOC</del>         | <del>—</del>     |
| <del>WATERTIGHT TEST</del>     | <del>—</del>     |

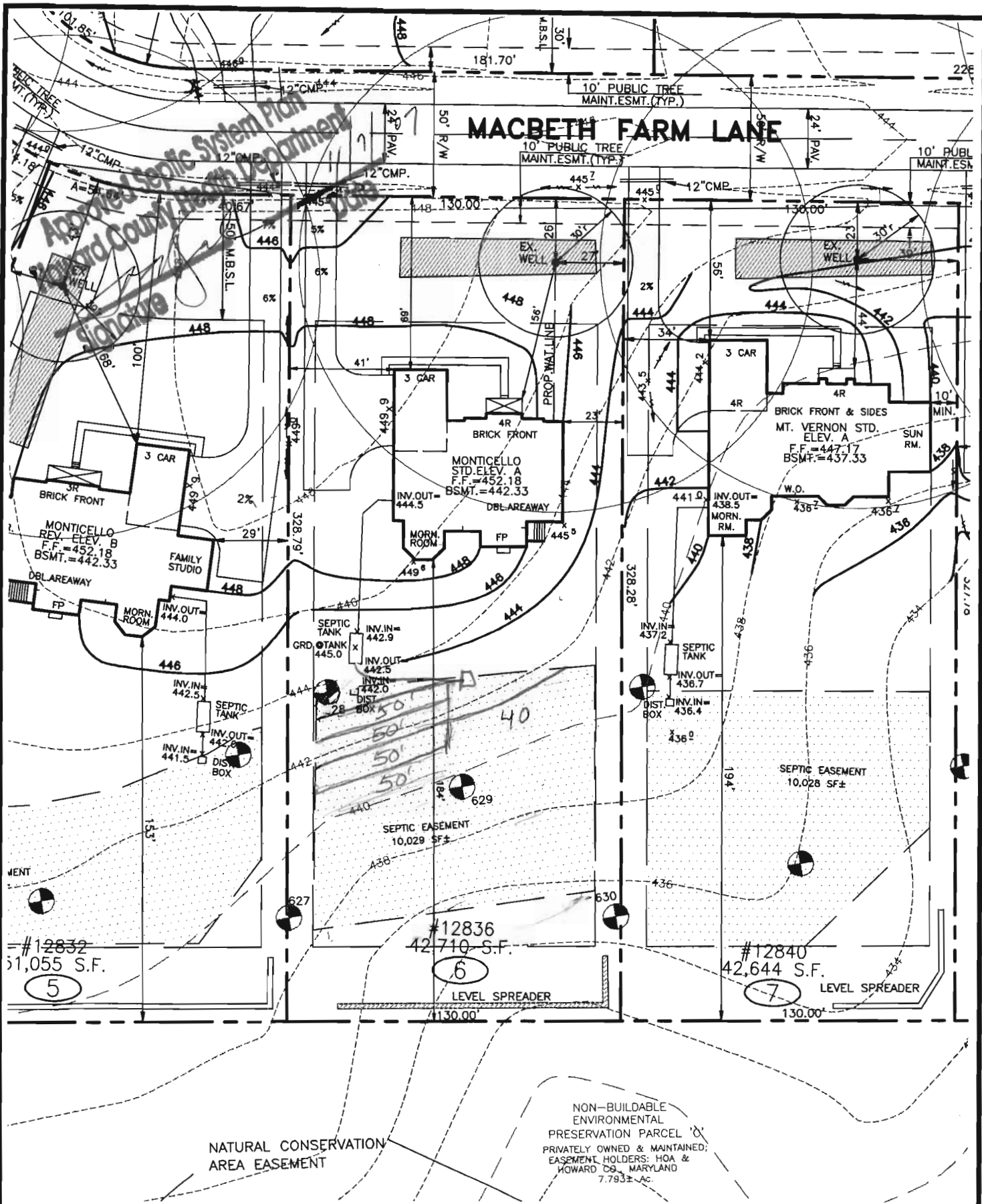
Babylon  
2-comp

PRE-CONSTRUCTION 3/19/08 Place the distribution box near the middle of the top of the easement. Run four

INSTALLATION 50' trenches on contour towards lot 5 and one upper 40' trench on contour towards lot 7. Put the tank near the location shown on the BP plan. (BB) Trench locations painted in field. Specs. changed to 5' inlet and 9' bottom. (BB) 4/2/08 All plumbing installed to D box. Top 3 trenches installed per plan. only need 200' of trench with a 5' inlet bottom @ 9'. (KW)

4/3/08 System completed. Need to level dist. box. (KW) Sys. Complete

FINAL INSPECTOR [Signature] DATE OF APPROVAL 4-14-08



10-29-07 MOVE HOUSE BACK 15' (TB)

THE EXISTING WELL SHOWN ON THIS PLAN, WELL TAG #HO-95-0274 HAS BEEN FIELD LOCATED BY MORRIS & RITCHIE ASSOC. INC, PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

EJECTOR REQUIRED TO SEWER BASEMENT

**SETBACKS: RR-DEO**

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

DIRT IMPORT REQUIRED: 100 YDS.±  
DIRT EXPORT REQUIRED: 000 YDS.±

*TBA 10/16/07*

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



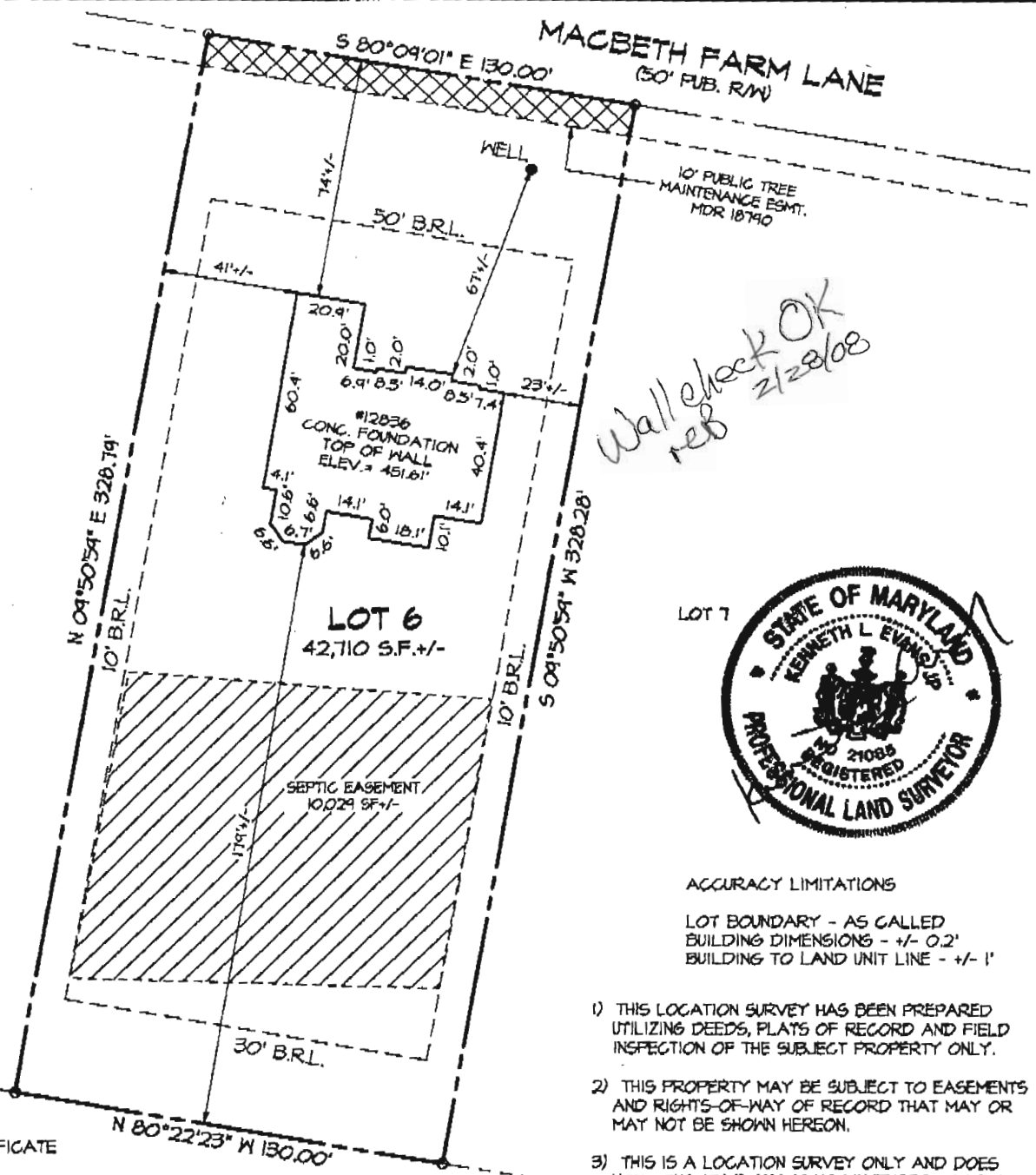
**MORRIS & RITCHIE ASSOCIATES, INC.**  
ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS, & LANDSCAPE ARCHITECTS  
3445-A Box Hill Corporate Center Drive  
Abingdon, Maryland 21009  
(410) 515-9000  
Fax: (410) 515-9002

**SITE & GRADING PLAN**  
FOR  
**CLARKSVILLE OVERLOOK**  
(A.K.A. MACBETH FARM)  
LOT 6 #12836 MACBETH FARM LANE  
4TH ELECTION DISTRICT HOWARD CO., MARYLAND



MARYLAND STATE  
GRID MERIDIAN (NAD 83) 110

LOT 5



*Wall check OK  
reb 2/28/08*



**ACCURACY LIMITATIONS**

LOT BOUNDARY - AS CALLED  
BUILDING DIMENSIONS - +/- 0.2'  
BUILDING TO LAND UNIT 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.

**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 JANUARY 16, 2008.

*Kenneth L. Evans Jr.*  
KENNETH L. EVANS JR.  
PROFESSIONAL LAND SURVEYOR  
MD. REG. NO. 21085  
DATE: 1/22/2008

NON-BUILDABLE ENVIRONMENTAL PRESERVATION PARCEL 'C'



MORRIS & RITCHIE ASSOCIATES, INC.  
ENGINEERS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS  
14280 PARK CENTER DRIVE, SUITE A  
LAUREL, MD 20707  
(410) 792-9792  
FAX: (410) 792-7395

AS-BUILT FOUNDATION PLAN  
MACBETH FARM  
12836 MACBETH FARM LANE  
LOT #6  
PLAT M.D.R. NO. 18790  
5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
FOR: N.V. HOMES

|                 |                 |              |                |               |
|-----------------|-----------------|--------------|----------------|---------------|
| SCALE: 1" = 50' | DATE: 1/21/2008 | DRAWN BY: AB | REVIEW BY: KLE | JOB NO. 14948 |
|-----------------|-----------------|--------------|----------------|---------------|