

LAYOUT 5/27/08 INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 5/13/08

APPROVAL DATE: 5/28/08

**PERMIT** (logged in)

P 528937

A 518543

TAX ID # **05445140**

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

\_\_\_\_\_ IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

SUBDIVISION: Clarksville Overlook LOT NUMBER: 21

ADDRESS: 6318 Kerne Ct PROPERTY OWNER: NVR Homes

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: 208 270' 50, 90' + 100' Trenches

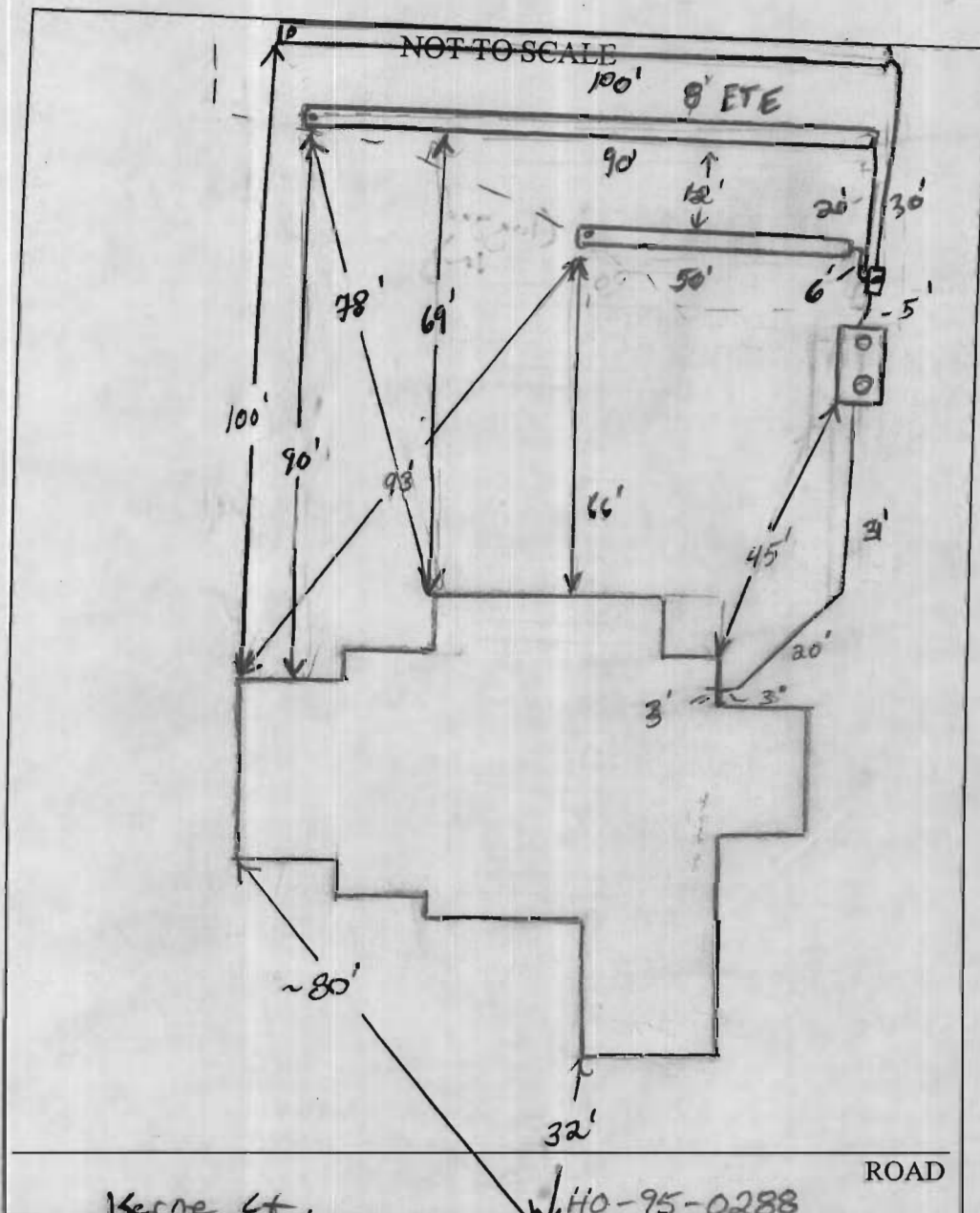
*Trenches 2' Wide  
Inlet 4', Bottom 7'  
50, 90' + 100' Trenches*

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Start trenches at bottom and work up to maintain equal length trenches. Add a c/p to line between tank and distribution box.
NOTES:	Install system per plan unless otherwise noted or stated by HCHD. Layout inspection required prior to installation.

PLANS APPROVED: Sara Fegel DATE: 10/4/07

- 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	4	21
NUMBER OF TRENCHES		3
TOTAL LENGTH		240'
ABSORPTION AREA		480' ± SW
DISTRIBUTION BOX LEVEL		level
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	2.5'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front/Back
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>

PRE-CONSTRUCTION 5/27/08 Contractor to install one short trench (level to be adjusted slightly higher) 50' or so and

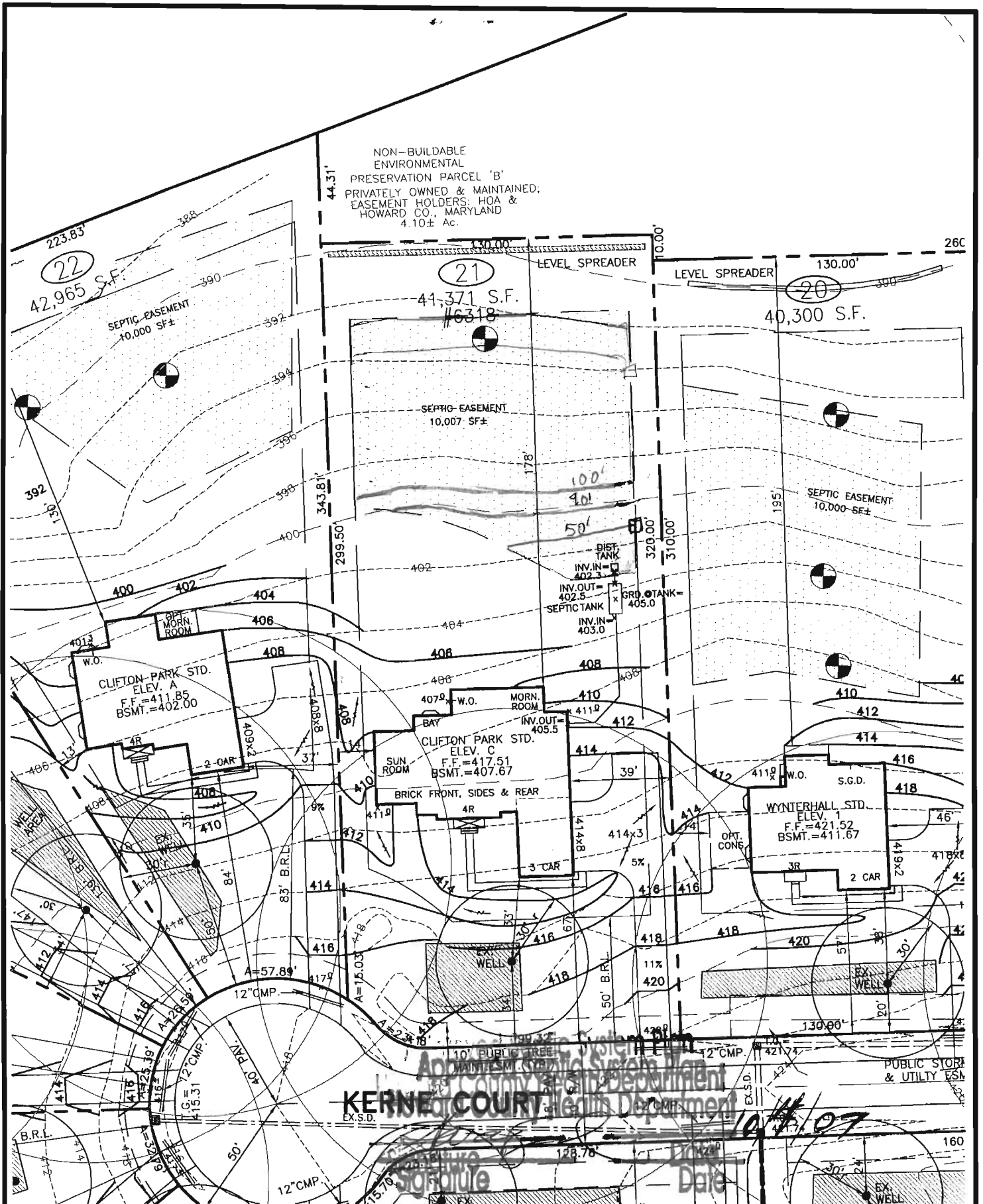
INSTALLATION 2 long trenches just below 50' trench, totalling 240'. Set D box @ start of 1st trench. ST. placement as per B.P. plan. Call for insp. (KW) 5/28/08 Tank set

plumbing installed from house to tank. Top 50' trench installed. (KW) 5/29/08 Trenches complete. Middle trench

installed slightly further down will due to contour. D box knocked. 50' trench level turned up ~ 92%. OK to

Back fill (KW)

FINAL INSPECTOR K. Wal DATE OF APPROVAL 5/27/08



THE EXISTING WELL SHOWN ON THIS PLAN, WELL TAG #HO-95-0286 HAS BEEN FIELD LOCATED BY MORRIS & RITCHIE ASSOC. INC, PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

DIRT IMPORT REQUIRED: 140 C.Y.±  
DIRT EXPORT REQUIRED: 000 C.Y.±

**SETBACKS: RR-DEO**

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

*MRA* 9/19/07  
50'-scale

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

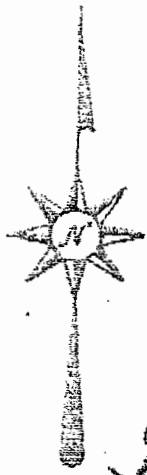


**MORRIS & RITCHIE ASSOCIATES, INC.**  
ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS, & LANDSCAPE ARCHITECTS  
3445-A Box Hill Corporate Center Drive  
Abingdon, Maryland 21009  
(410) 515-9000  
Fax: (410) 515-9002

**SITE & GRADING PLAN**  
FOR  
**CLARKSVILLE OVERLOOK**  
(A.K.A. MACBETH FARMS)

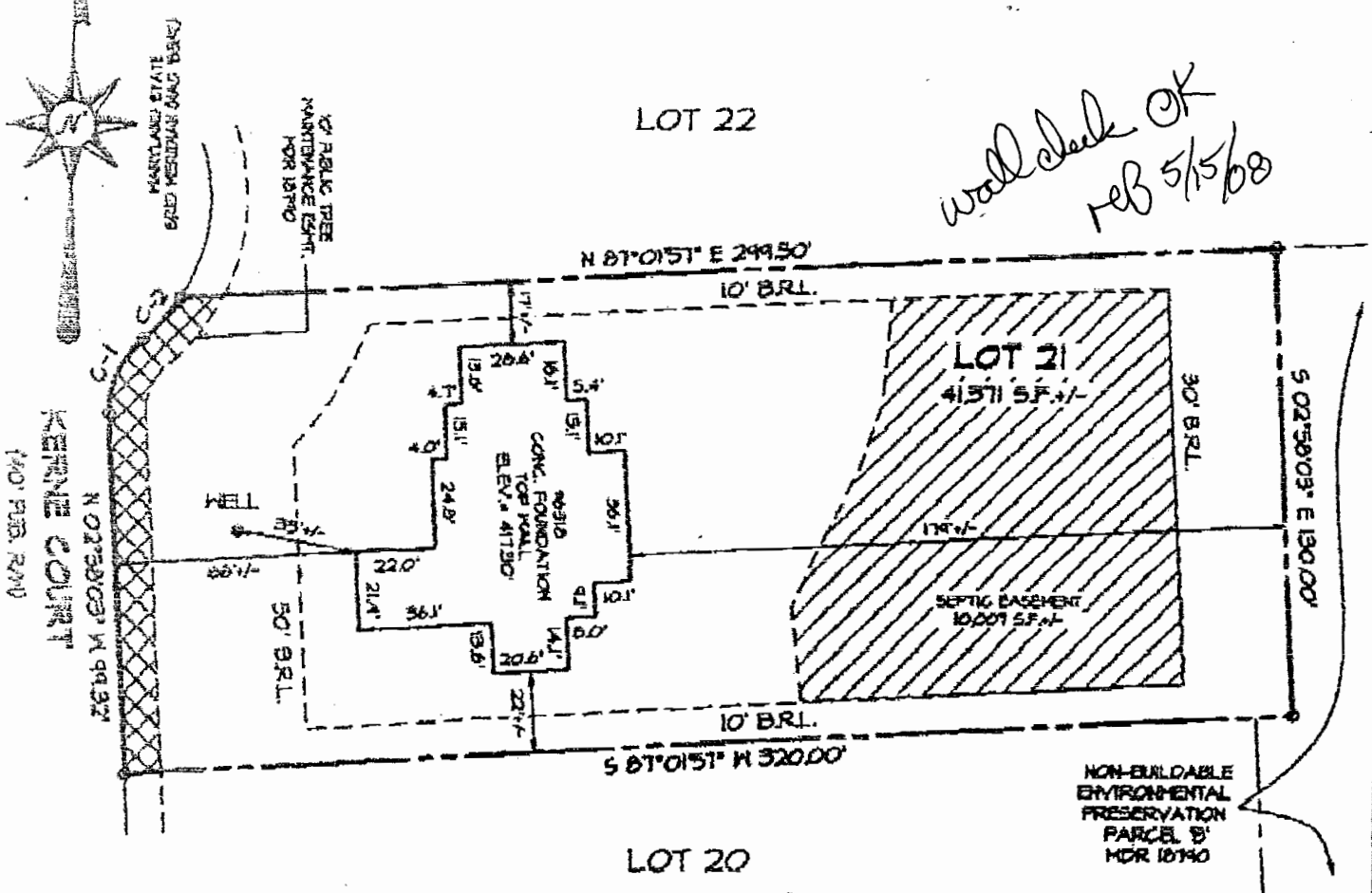
LOT 21 #6318 KERNE COURT

4TH ELECTION DISTRICT HOWARD CO., MARYLAND



LOT 22

*Wall check OK  
Feb 5/15/08*



NON-BUILDABLE ENVIRONMENTAL PRESERVATION PARCEL B' MDR 18740

LOT 20

**ACCURACY LIMITATIONS**

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

**SURVEYORS CERTIFICATE**

I HEREBY CERTIFY THAT THE ELEVATIONS SHOWN HEREON ARE CORRECT AND ACCURATE TO +/- 0.02' OF VALUES SHOWN AND WERE DETERMINED FROM A FIELD RUN SURVEY UTILIZING THE PROJECT VERTICAL DATUM AND PERFORMED UNDER MY DIRECT SUPERVISION ON APRIL 22, 2008.



- 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.

*Kenneth L. Evans* / *4/23/2008*  
KENNETH L. EVANS JR.  
PROFESSIONAL LAND SURVEYOR  
MD. REG. NO. 21085

CURVE	RADIUS	ARC	CHORD BEARING	CHORD
C-1	20.00'	23.10'	N48°50'00"E	23.56'
C-2	50.00'	15.05'	N41°23'50"E	14.98'



**MORRIS & RITCHIE ASSOCIATES, INC.**  
ENGINEERS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS  
14280 PARK CENTER DRIVE, SUITE A  
LAUREL, MD 20707  
(410) 782-0700

**AS-BUILT FOUNDATION PLAN**  
MACBETH FARMS  
6318 KERNE COURT  
LOT #21  
FLAT M.D.R. NO. 18740  
5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND