

LAYOUT 11/6/07 INSP 4 _____
INSP 2 11/9/07 INSP 5 _____
INSP 3 11/14/07 INSP 6 _____
ISSUE DATE: 9/24/07

APPROVAL DATE: 11/29/07 *Logged Into Permit Manager*
TAX ID # 05-445086

P 527823

A 518543

PERMIT
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 (21157) PHONE NUMBER: 410-875-4197
SUBDIVISION: Clarksville Overlook LOT NUMBER: 15
ADDRESS: 12861 Macbeth Farm Lane PROPERTY OWNER: NV 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: 171

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.0 feet below original grade. 5.0 feet of stone below distribution pipe.
LOCATION:	
NOTES:	Keep Septic Tank 20' from corner of house. Have distribution box installed on the 416 contour line towards middle of SDA (see plan). Install system per plan unless directed otherwise by HCHD. Layout inspection required prior to installation.

PLANS APPROVED: Heidi Scott/ Sara Fegel DATE: 8/14/2007

- 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

See As-Built
Drawing On Other
Sheet

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	8'
NUMBER OF TRENCHES		3
TOTAL LENGTH		163'
ABSORPTION AREA		326
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	1.5
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front+Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	Yes
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5-2.5'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	None
WATERTIGHT TEST	No

PRE-CONSTRUCTION 11/6/07 Pumped system required. Install a 40', 60' and 70' trench on contour starting near INSTALLATION the highest possible point in the easement. (BB)

11/9/07 Contractor set pump tank on neighbor's prop. Need to move gas line location to place tank. Have connection made. Call for re-inspection (KW)

11/14/07 Pump tank moved. Trenches installed but not quite as per layout. They are somewhat off contour. Need pump and alarm test. (BB)

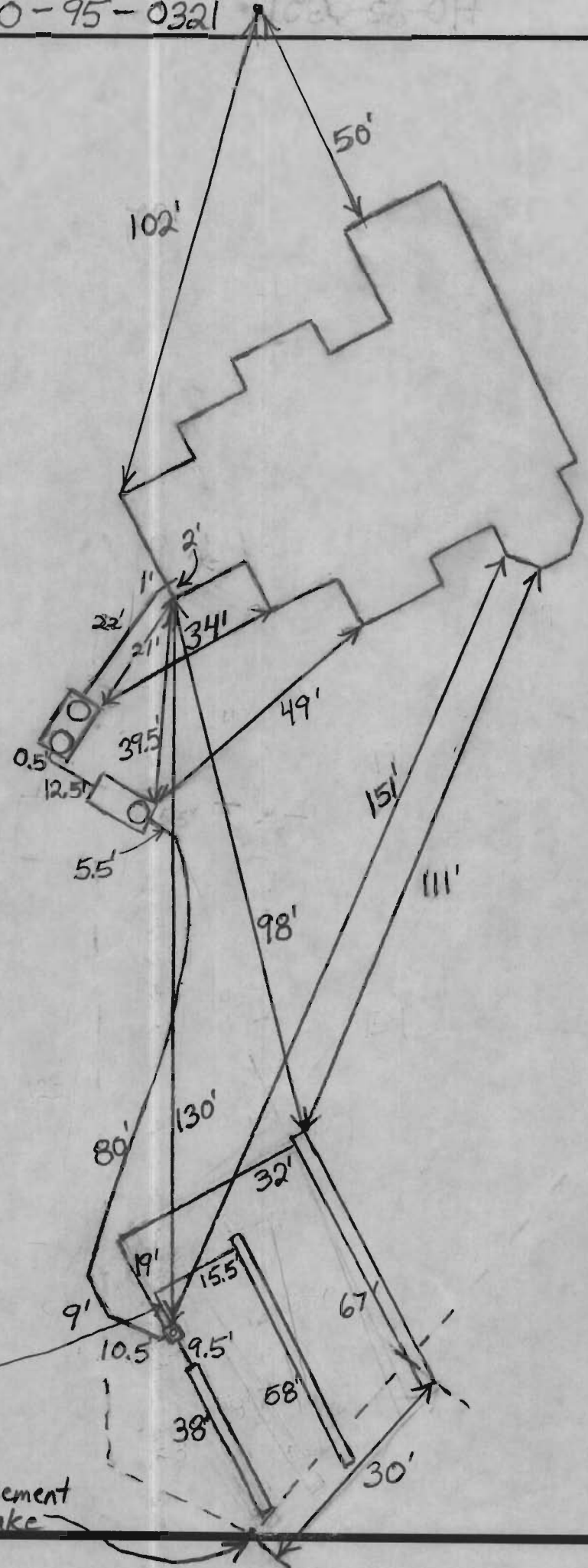
11/29/07 Pump and alarm working. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 11/29/07

HO-95-0321

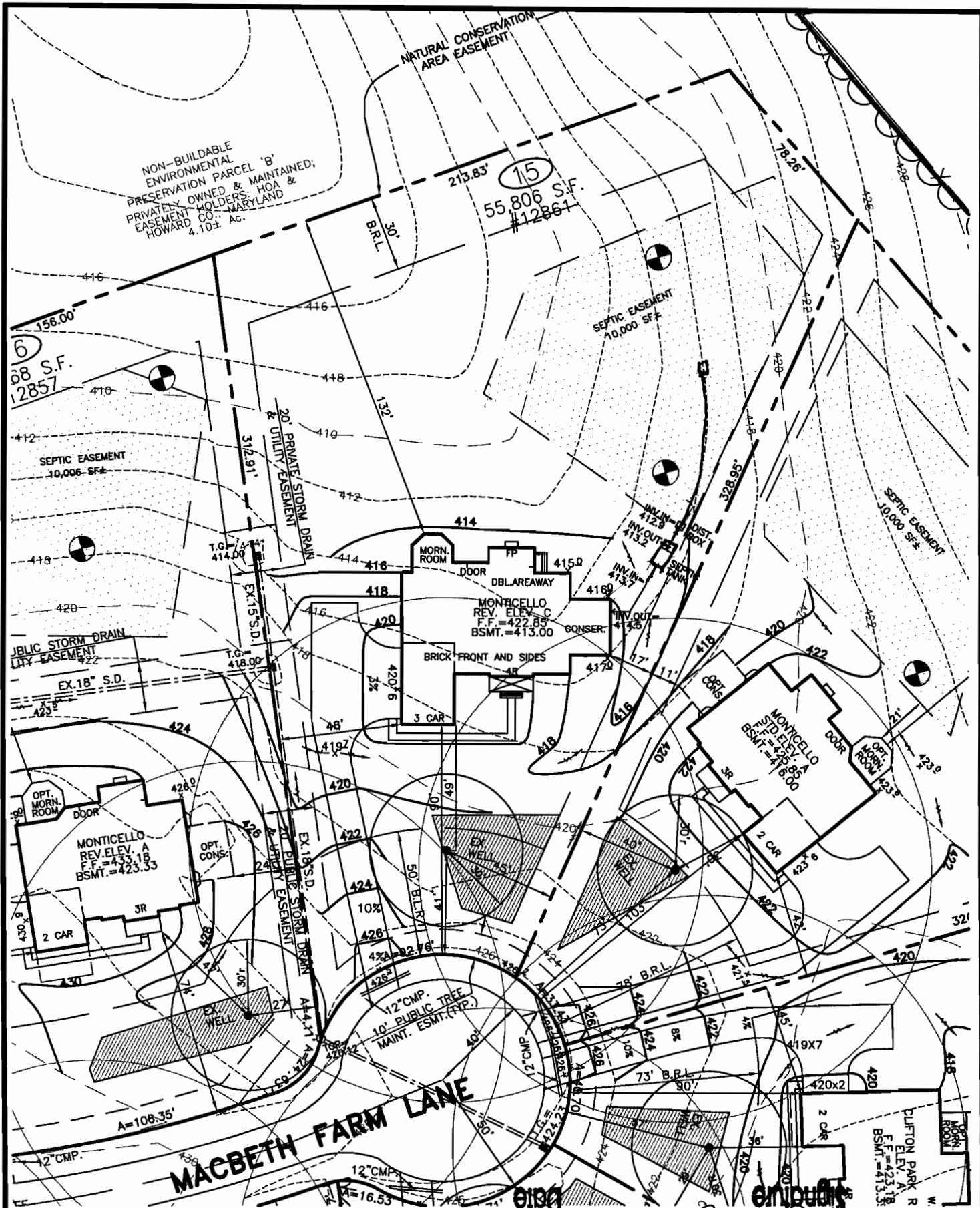
02-53-04

ROAD



NOT TO SCALE

Top Easement Stake



THE EXISTING WELL SHOWN ON THIS PLAN, WELL TAG #HO-95-0321 HAS BEEN FIELD LOCATED BY MORRIS & RITCHIE ASSOC. INC, PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

Date 10/11/07
 Signature
 Approved Septic System Plan
 Howard County Health Department

SETBACKS: RR-DEO

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

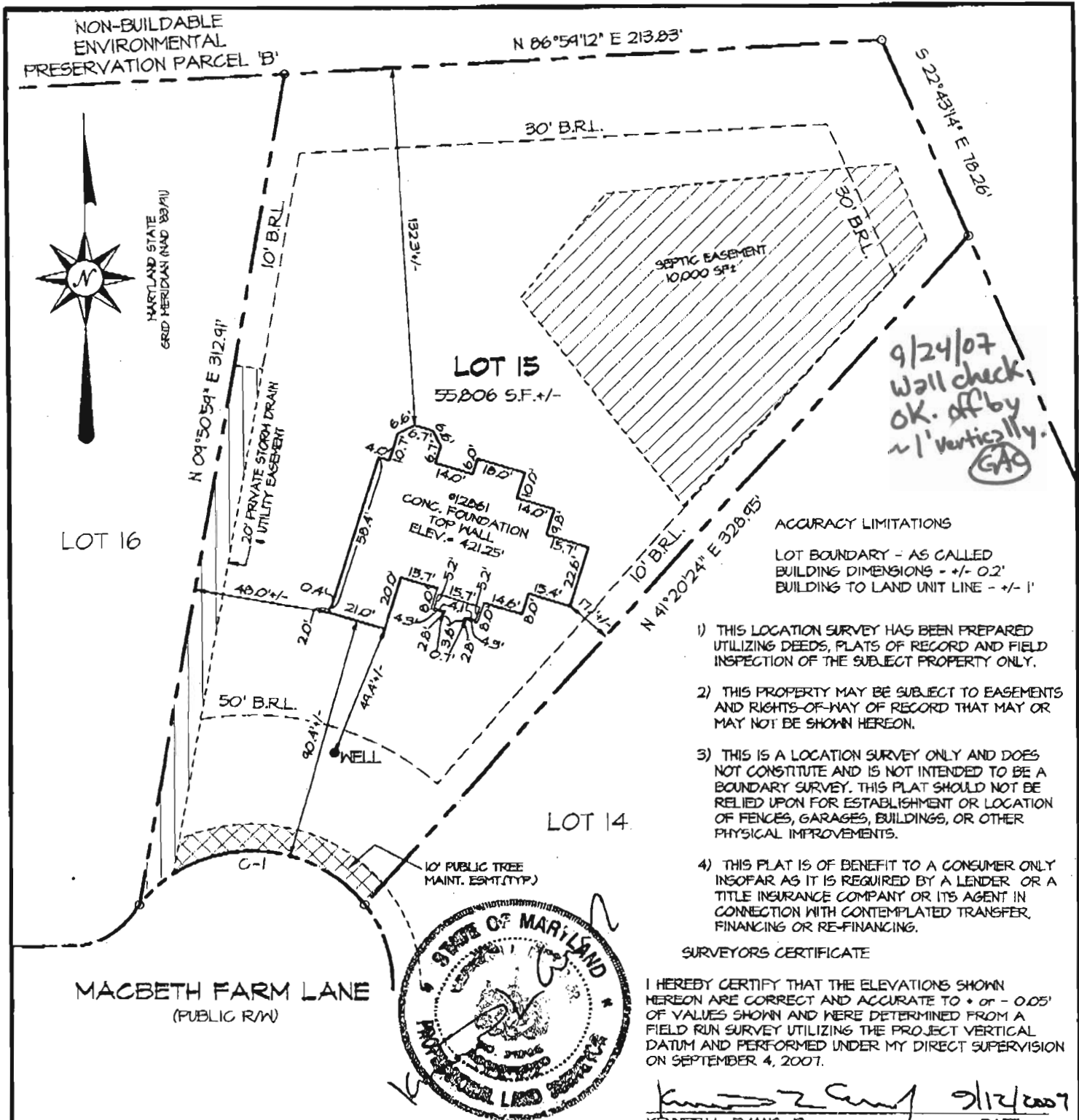
EJECTOR REQUIRED
 TO SEWER BASEMENT.

BUILDER
 N.V.HOMES
 6085 MARSHALEE DRIVE, SUITE 130
 ELK RIDGE, 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 AND GRADING PLAN
 FOR
CLARKSVILLE OVERLOOK
 (A.K.A. MACBETH FARMS)
LOT 15 #12861 MACBETH FARM LANE
 4TH ELECTION DISTRICT HOWARD CO., MARYLAND



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 SEPTEMBER 4, 2007.

Kenneth L. Evans Jr 9/12/2007
 KENNETH L. EVANS JR. DATE
 PROFESSIONAL LAND SURVEYOR
 MD. REG. NO. 21085



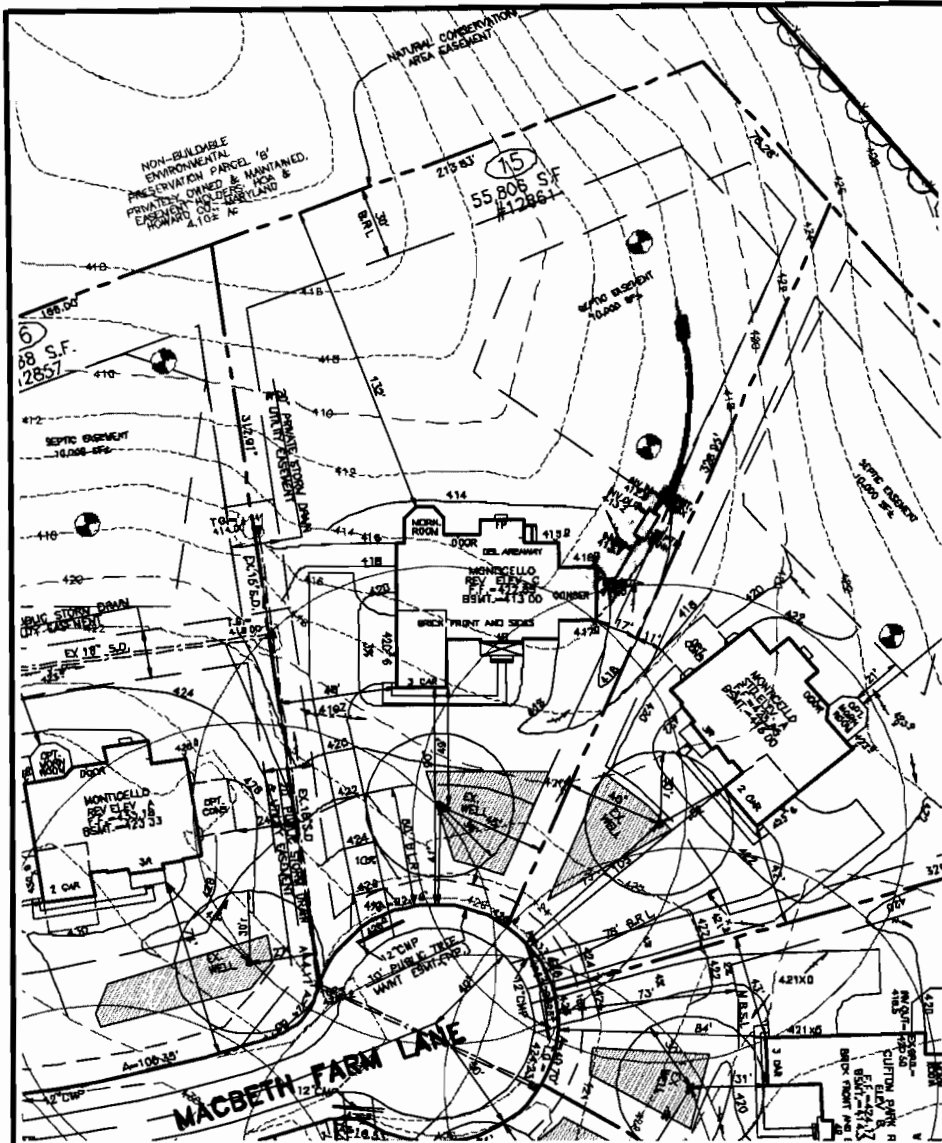
CURVE	DELTA	RADIUS	ARC	CHORD BEARING	CHORD	TANGENT
C-1	106°16'15"	50.00'	42.76'	N89°44'24"E	80.01'	66.68'



MORRIS & RITCHIE ASSOCIATES, INC.
 ENGINEERS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS
 14280 PARK CENTER DRIVE, SUITE A
 LAUREL, MD 20707
 (410) 792-4792
 FAX: (410) 792-7345

AS-BUILT FOUNDATION PLAN
 MACBETH FARMS
 12861 MACBETH FARM LANE
 LOT #15
 PLAT M.D.R. NO. 18793
 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 FOR: N.V. HOMES

SCALE: 1" = 50	DATE: 9/6/2007	DRAWN BY: JC	REVIEW BY: KLE	JOB NO. 14948
----------------	----------------	--------------	----------------	---------------



08-13-07 REV SEPTIC TANK LOCATION PER HOWARD COUNTY (TB)

THE EXISTING WELL SHOWN ON THIS PLAN, WELL TAG #10-95-0321 HAS BEEN FIELD LOCATED BY MORRIS & RITCHE ASSOC. INC., PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

SETBACKS: RR-DEO

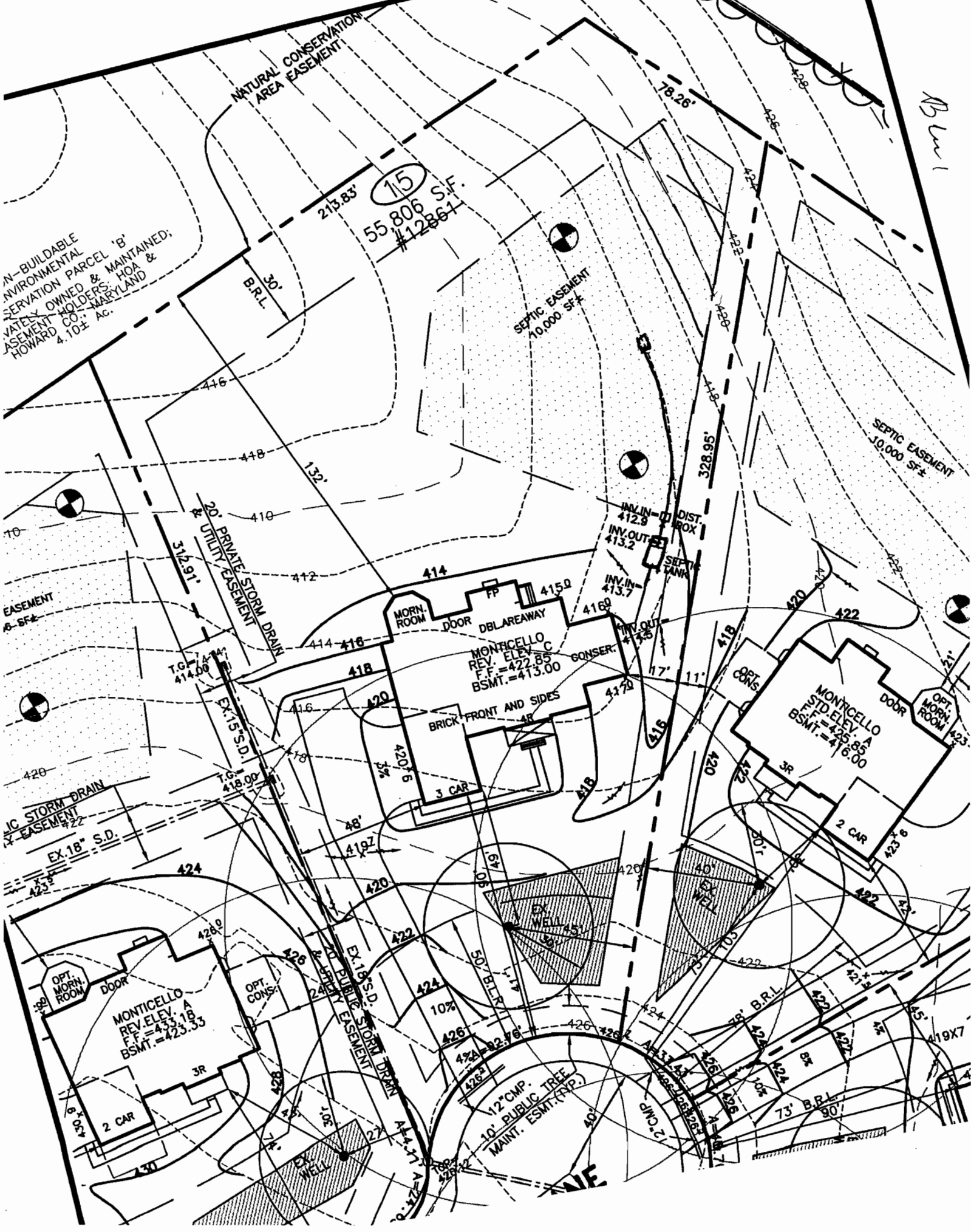
FRONT YARD: 50' MIN.
SIDE YARD: 10' MIN.
REAR YARD: 30' MIN.

EJECTOR REQUIRED TO SEWER BASEMENT.

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

	MORRIS & RITCHE ASSOCIATES, INC. ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS, & LANDSCAPE ARCHITECTS 3443-A Box Hill Corporate Center Drive Abingdon, Maryland 21008 (410) 515-9000 Fax: (410) 515-9002	SITE AND GRADING PLAN FOR CLARKSVILLE OVERLOOK (A.K.A. MACEETH FARMS) LOT 15 #12861 MACBETH FARM LANE 4TH ELECTION DISTRICT HOWARD CO., MARYLAND
	SCALE 1"=50' DATE: MAY 24, 2007 DRAWN BY: PB DESIGN BY: FB REVIEW BY: TB JOB NO: 14048	P 5/0 7-19-07 08 C:\14048\FLOTPLAN\14048.LS.dwg, 8/13/2007 1:49:37 PM

AB 111



N-BUILDABLE ENVIRONMENTAL CONSERVATION PARCEL 'B' SEPARATION OWNED & MAINTAINED; VARIETY HOLDERS: HOA & EASEMENT CO. MARYLAND HOWARD 4.10± Ac.

15
55,806 S.F.
#12861

SEPTIC EASEMENT
10,000 SF±

SEPTIC EASEMENT
10,000 SF±

EASEMENT
6,5F±

PRIVATE STORM DRAIN
& UTILITY EASEMENT

MONTICELLO
REV. ELEV. A
F.F. = 425.85
BSMT. = 423.33

MONTICELLO
REV. ELEV. C
F.F. = 422.85
BSMT. = 413.00

MONTICELLO
REV. ELEV. A
F.F. = 425.85
BSMT. = 416.00

12" CMP.
10' PUBLIC TREE
MAINT. ESMT. (T.P.)