

LAYOUT 9/2/04 11 AM INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 9/1/2004

APPROVAL DATE: 5/23/05

**PERMIT
INDEXED**

P 520855

A 520336

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

Freedom Septic Service, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 2809 Liberty Rd - 21784 PHONE NUMBER: 410-795-2947

SUBDIVISION: Cavey Property-tenant house LOT NUMBER: Parcel A

ADDRESS: 3100 McNeal Road (mobile home) PROPERTY OWNER: Carlos & Carol Garcia

SEPTIC TANK CAPACITY (GALLONS): 1000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 97 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest location in the approved SDA.
NOTES:	

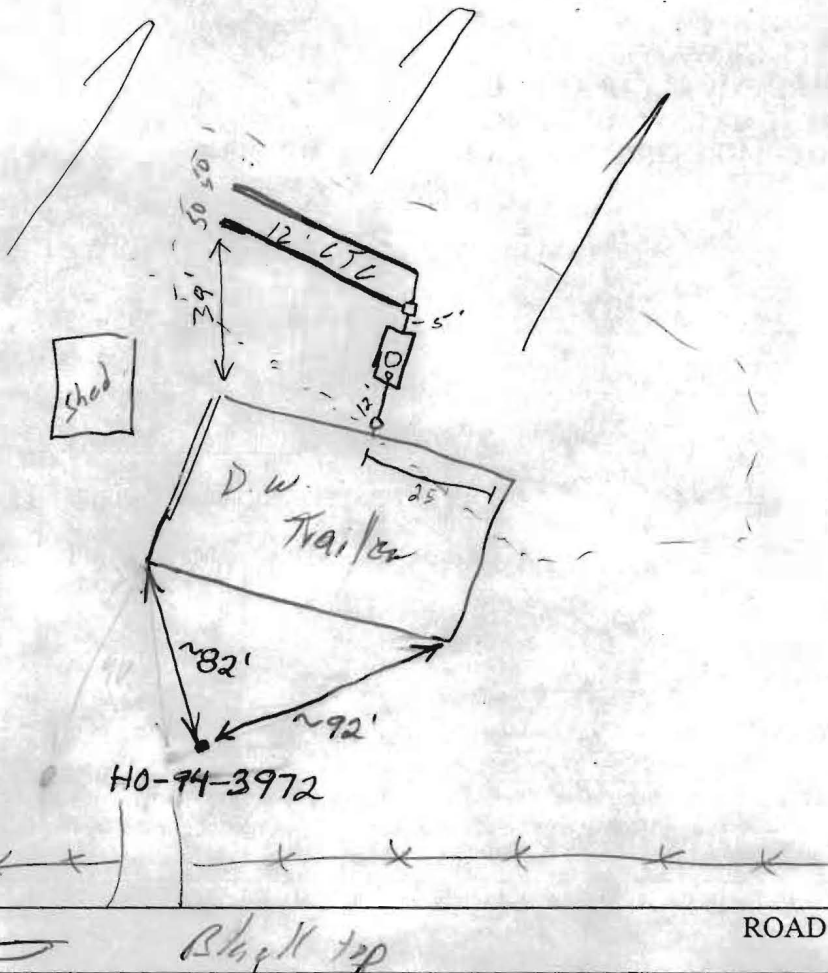
PLANS APPROVED: Kevin J. Bell DATE: 7/28/04

NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**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
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

A520336

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		100'
ABSORPTION AREA		400 sq
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1000 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL	
CAPACITY	<input type="checkbox"/> GAL
SEAM LOC	<input type="checkbox"/>
TANK LID DEPTH	<input type="checkbox"/>
BAFFLES	<input type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	<input type="checkbox"/>
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>

PRE-CONSTRUCTION 9/2/04 - SRA not staked, trailer on SRA line & corner in SRA. Large property. Spoke w/ builder on the phone.

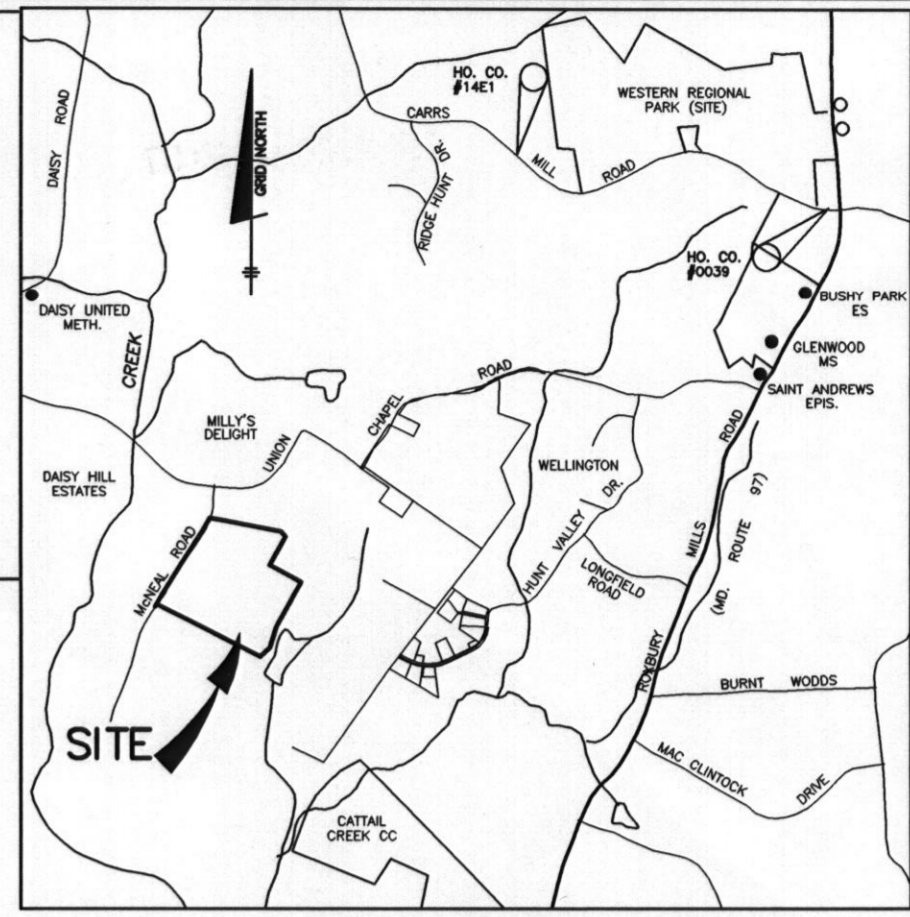
INSTALLATION explained that no will allow install w/ trailer at this location however engineer needs to resubmit plot plans w/ trailer as built & SRA needs to be moved down hill. OK to install (2) 50' trench, tank set (50)

9/3/04 - Trenches installed, no ICOP until updated plans as built submitted (50)

FINAL INSPECTOR John Doe DATE OF APPROVAL 5/23/05

ADDRESS CHART	
LOT No.	ADDRESS
-	McNEAL ROAD

BENCH MARKS NAD'83
 HO. CO. #14E1
 STAMPED BRASS DISK SET ON TOP OF CONC. BASE, 33' WEST OF CL OF DRIVE TO 15050 CARRS MILL ROAD, 19.8' NORTH OF EDGE OF PAVING OF CARRS MILL ROAD.
 N 596213.6182' E 1301991.8973'
 ELEV. 590.862'
 HO. CO. #0039
 STAMPED BRASS DISK SET ON TOP OF CONC. BASE @ SOUTHWEST CORNER OF CARRS MILL ROAD AND ROUTE 97, 33.4' SOUTH OF CL OF CARRS MILL ROAD AND 40.3' WEST OF CL OF ROUTE 97.
 N 595722.8341' E 1306481.8720'
 ELEV. 590.862'



VICINITY MAP
SCALE: 1"=2000'

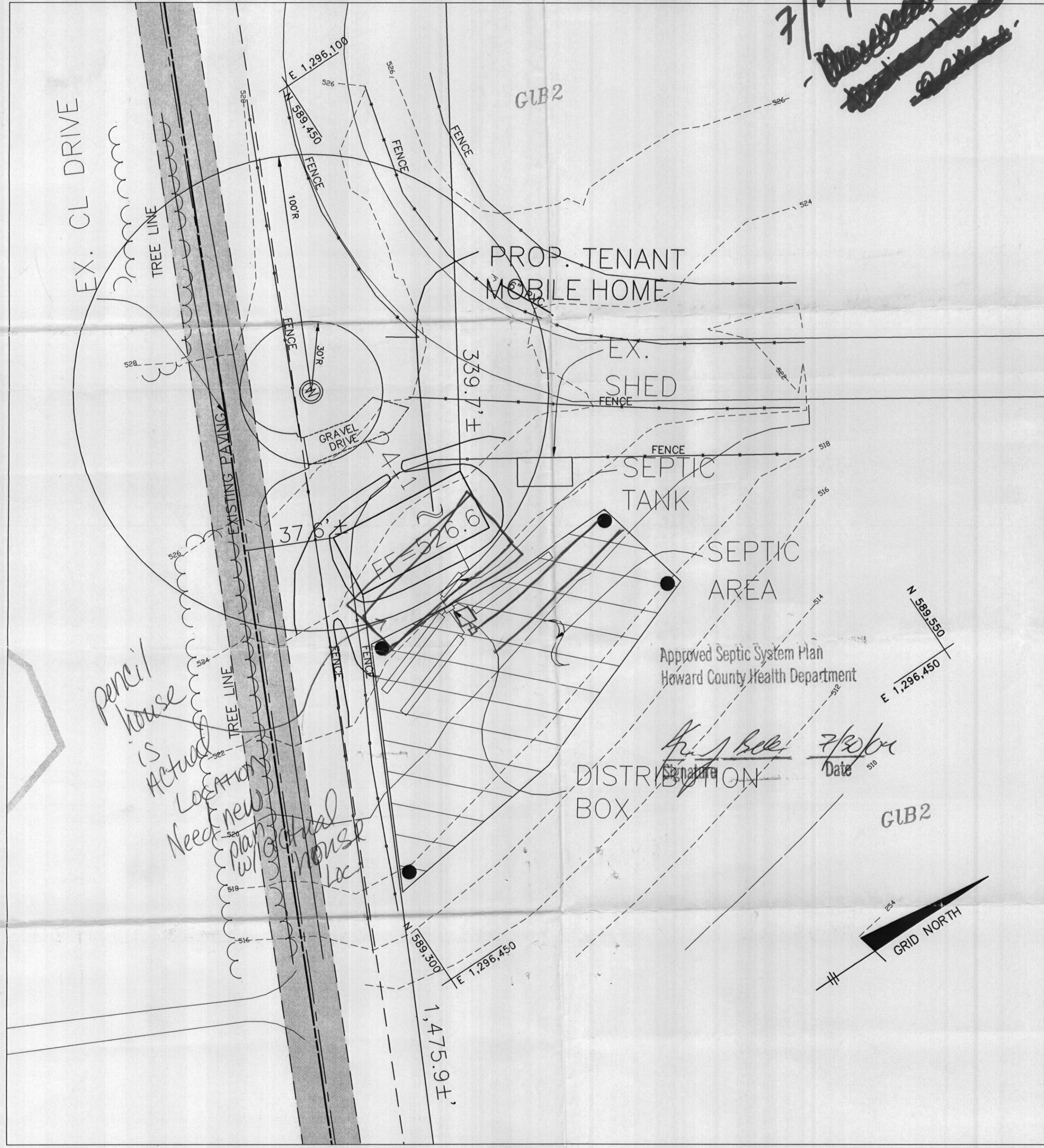
SOILS LEGEND		
MAP SYMBOL	SOIL GROUP	SOIL TYPE
[Symbol]	GIB2	B GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	GIC2	B GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	GnB2	C GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	MI2	B MANOR LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	MI2	B MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	MID3	B MANOR LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED
[Symbol]	MIE	B MANOR LOAM, 25 TO 45 PERCENT SLOPES
[Symbol]	MnD	B MANOR VERY STONY LOAM, 3 TO 25 PERCENT SLOPES
[Symbol]	MnF	B MANOR VERY STONY LOAM, 25 TO 60 PERCENT SLOPES

* INDICATES HYDRIC SOILS
 TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 7

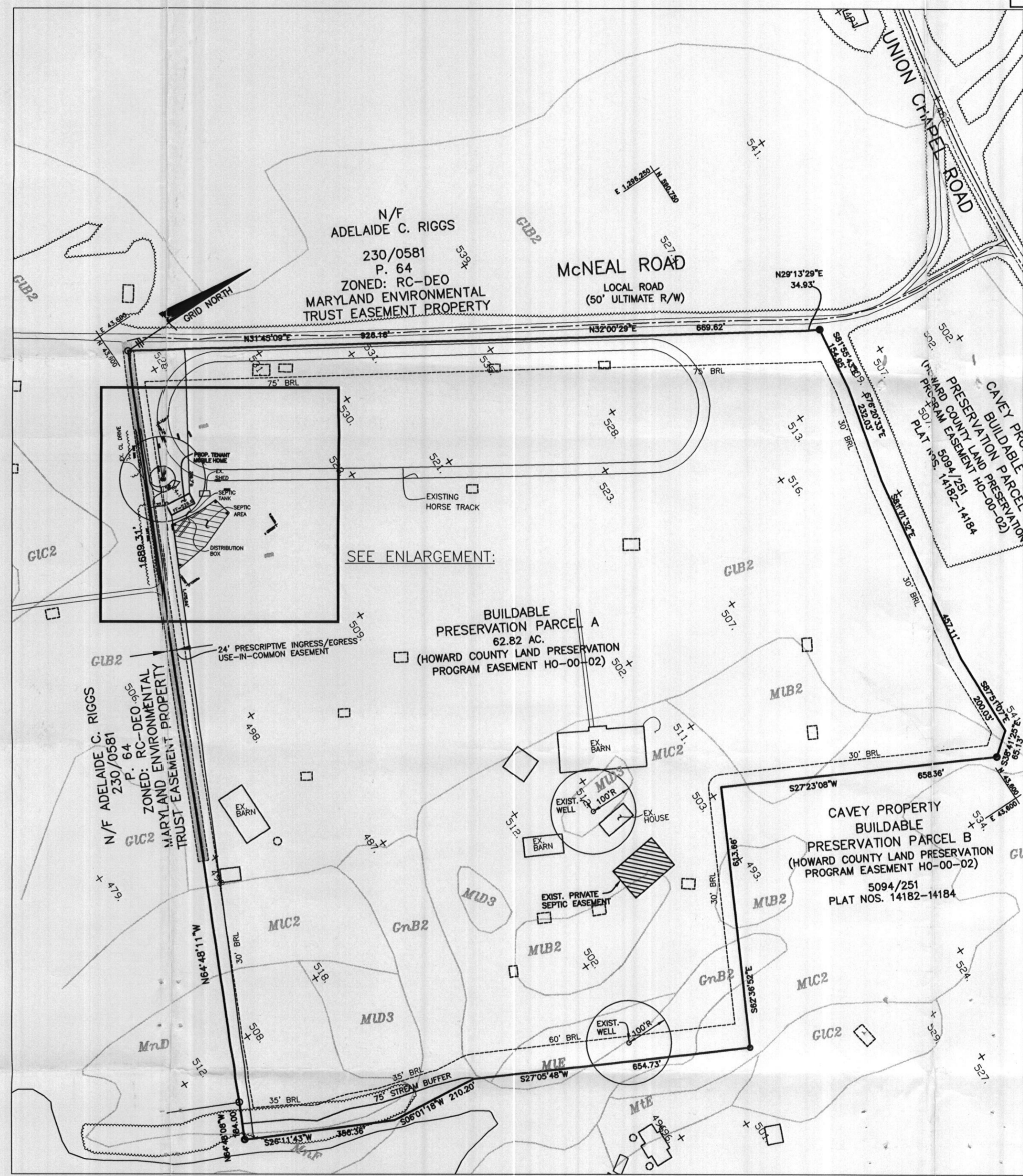
- NOTES:**
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT PER THE RECORD PLAT.
 - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF AND NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
 - UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
 - TOPOGRAPHY SHOWN HEREON HAS BEEN TAKEN FROM ARIAL TOPOGRAPHY AT 2' CONTOUR INTERVALS.
 - EXACT LENGTHS OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
 - SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION.
 - WELL HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING INC. ON JULY 15 2004. TAG NO. HO 94-3972
 - SELECTIVE CLEARING OF TREES MAY TAKE PLACE IN THE SEPTIC RESERVE AREA AND AROUND THE SEPTIC PIPE AND TANK.

SEPTIC SYSTEM INFORMATION:
 EX. GRADE @ DIST. BOX = 521.9
 INV. @ DIST. BOX = 518.9
 INV. OUT TANK = 519.1
 INV. IN TANK = 519.4
 INV. HOUSE = 519.7

LEGEND	
SOILS CLASSIFICATION	GIB2
SOILS DELINEATION	[Symbol]
EXISTING CONTOURS	999
LIMIT OF WETLANDS	[Symbol]
EXISTING WOODS LINE	[Symbol]
PROPOSED WOODS LINE	[Symbol]
EXISTING STRUCTURE	[Symbol]
PROPOSED STRUCTURE	[Symbol]
EXISTING WELL	[Symbol]
SPECIMEN TREE	[Symbol]
EXISTING SEPTIC FIELD	[Symbol]
PROPOSED SEPTIC FIELD	[Symbol]
PROPOSED WELL	[Symbol]
PROPOSED WELL AREA	[Symbol]
SILT FENCE	[Symbol]



PLAN
SCALE: 1" = 30'



PLAN
SCALE: 1" = 200'

NO.	DATE	REVISION
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		
OWNER:		CAVEY PROPERTY PRESERVATION PARCEL A
LOCATION:		TAX MAP NO. 14.21 - PARCEL 246 GRIDS - 1-2 & 19-20 410 ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE:		PLOT PLAN
DATE:	JUNE, 2004	PROJECT NO. 1745
Design:	DAM	Draft: EDD
SCALE:	AS SHOWN	DRAWING 1 OF 1