

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: \_\_\_\_\_

APPROVAL DATE: 9/12/06

# PERMIT

INDEXED

TAX ID #04-368525

P 525231

A 513271-D

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

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

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

SUBDIVISION: Avery Property LOT NUMBER: 8

ADDRESS: 14431 Frederick Road Darryl Hockstra Jr.

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): ~~1500~~ ~~COMPARTMENTED TANK REQUIRED~~

NUMBER OF BEDROOMS: 5 2-Comp.

SQUARE FEET PER BEDROOM: 240 5.5-7.5'

LINEAR FEET OF TRENCH REQUIRED: 248 HOUSE SERVED BY PUBLIC WATER

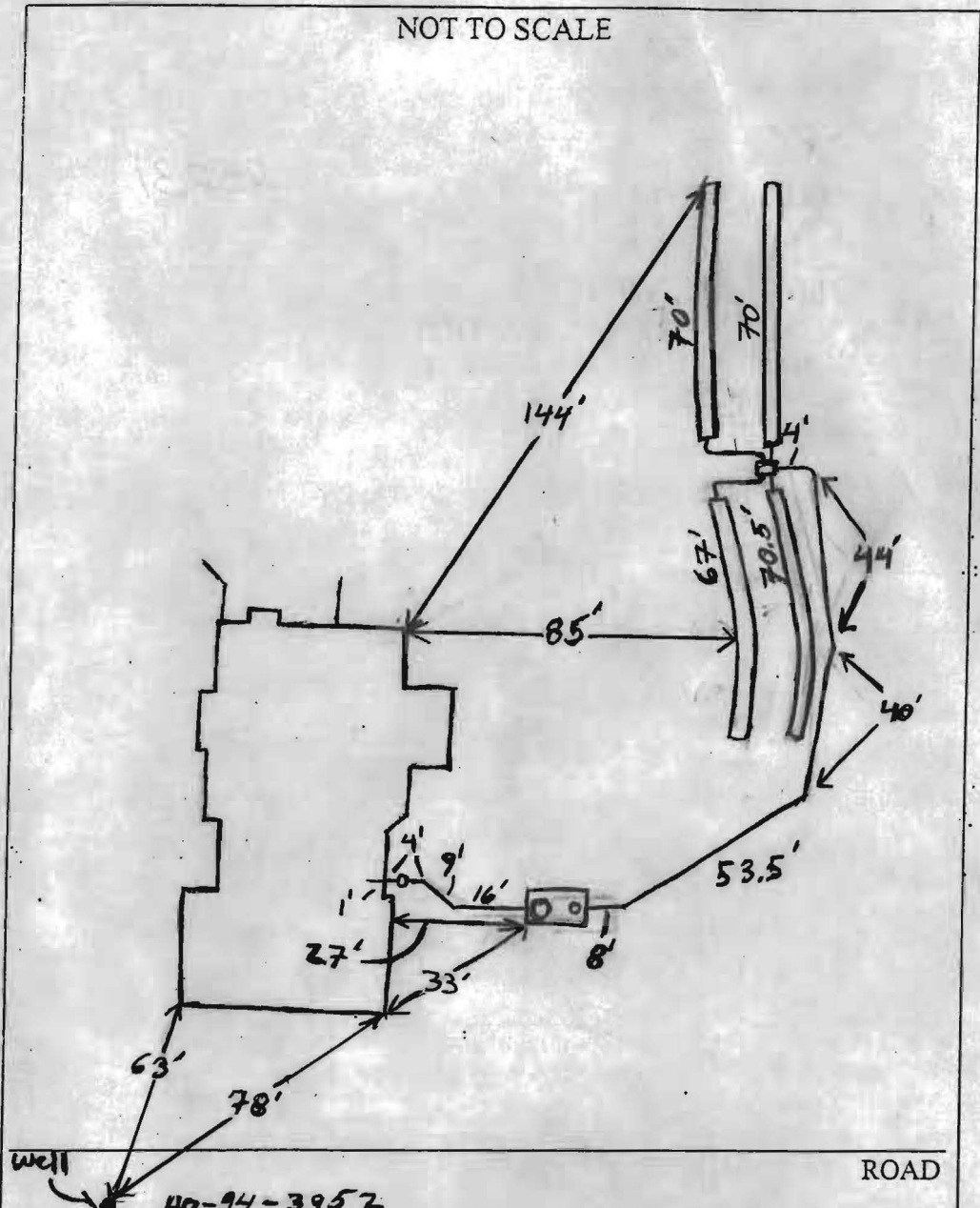
TRENCHES: <u>7</u>	Trench to be 3.0 feet wide. Inlet <del>4.0</del> <u>5'</u> feet below original grade. Bottom maximum depth <del>6.0</del> feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place distribution box as shown on the approved building permit plan. To maximize are run >248' of trench; 3 (70') and 1(60') length of trench.
	Septic easement must be staked out for layout inspection. Prior to filling trench with #2 stone, call for an inspection. Ensure no more than 3' cover on septic tank lids. <b>SEPTIC AREA MUST STAY RIBBONED OFF TO PREVENT EARTH DIKE FROM ENCROACHMENT.</b>

PLANS APPROVED: Kacie Noonan Reviewed by: \_\_\_\_\_ DATE: 11/28/2005

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 NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	5.5'	7.5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		277.5
ABSORPTION AREA		832.5 + 500
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		NO

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Slight tilt to Front
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1-1.5'
BAFFLES	Yes
BAFFLE FILTER	NA
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	NA
<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 9/7/06 Changed inlet to 5.5' and bottom depth to 7.5'. Told contractor that he needs a 2 compartment tank.

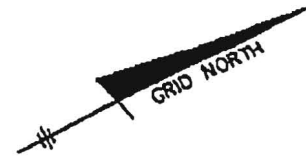
INSTALLATION Install 4 (60'-70') trenches on contour from the top center of the easement. Keep trenches inside easement. (BB)

9/8/06 Tank, D box, and plumbing up to D box installed. starting on 1st trench. (KW)

9/12/06 All trenches installed per plan w/ 5'6" inlet on all 4 trenches. Trenches installed on contour. OK. to Backfill. (KW)

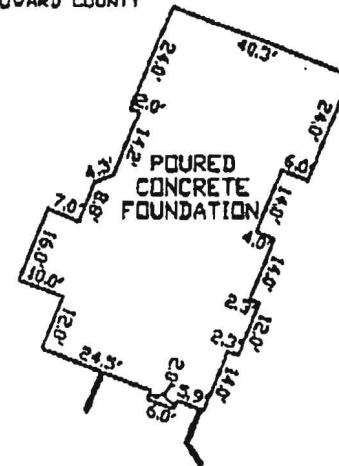
FINAL INSPECTOR J. Hall DATE OF APPROVAL 9/12/06

N/F  
ALBERT D. McCracken  
L.3817/F.257  
HOWARD COUNTY AGRICULTURAL  
PRESERVATION EASEMENT # HO-96-03-E

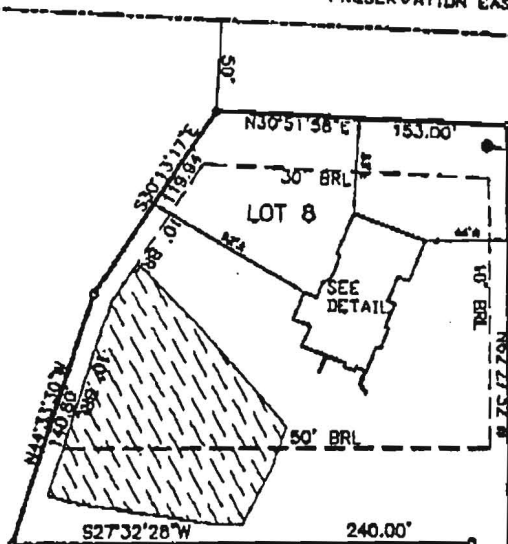


NON-BUILDABLE  
PRESERVATION PARCEL 'C'  
7.342 AC.  
PRIVATELY OWNED WITH  
ENVIRONMENTAL / SWM  
EASEMENT HELD BY  
THE HOMEOWNERS ASSOCIATION  
AND HOWARD COUNTY

AVERY PROPERTY  
LOT 3  
PLAT No.14285



~ FOUNDATION DETAIL ~  
SCALE: 1" = 30'



8/24/06  
wall check  
OK (SO)

N/F  
ALBERT D. McCracken  
L.3817/F.257  
HOWARD COUNTY AGRICULTURAL  
PRESERVATION EASEMENT # HO-96-03-E

17' PRIVATE AND  
DRAINAGE AND  
UTILITY EASEMENT

USE-IN-COMMON DRIVEWAY  
TO BE CONSTRUCTED TO  
PUBLIC ACCESS PLACE  
CROSS SECTION 18' WIDE  
24' PRIVATE USE-IN-COMMON  
ACCESS EASEMENT FOR LOTS  
5-8 AND PRESERVATION  
PARCEL B AND C

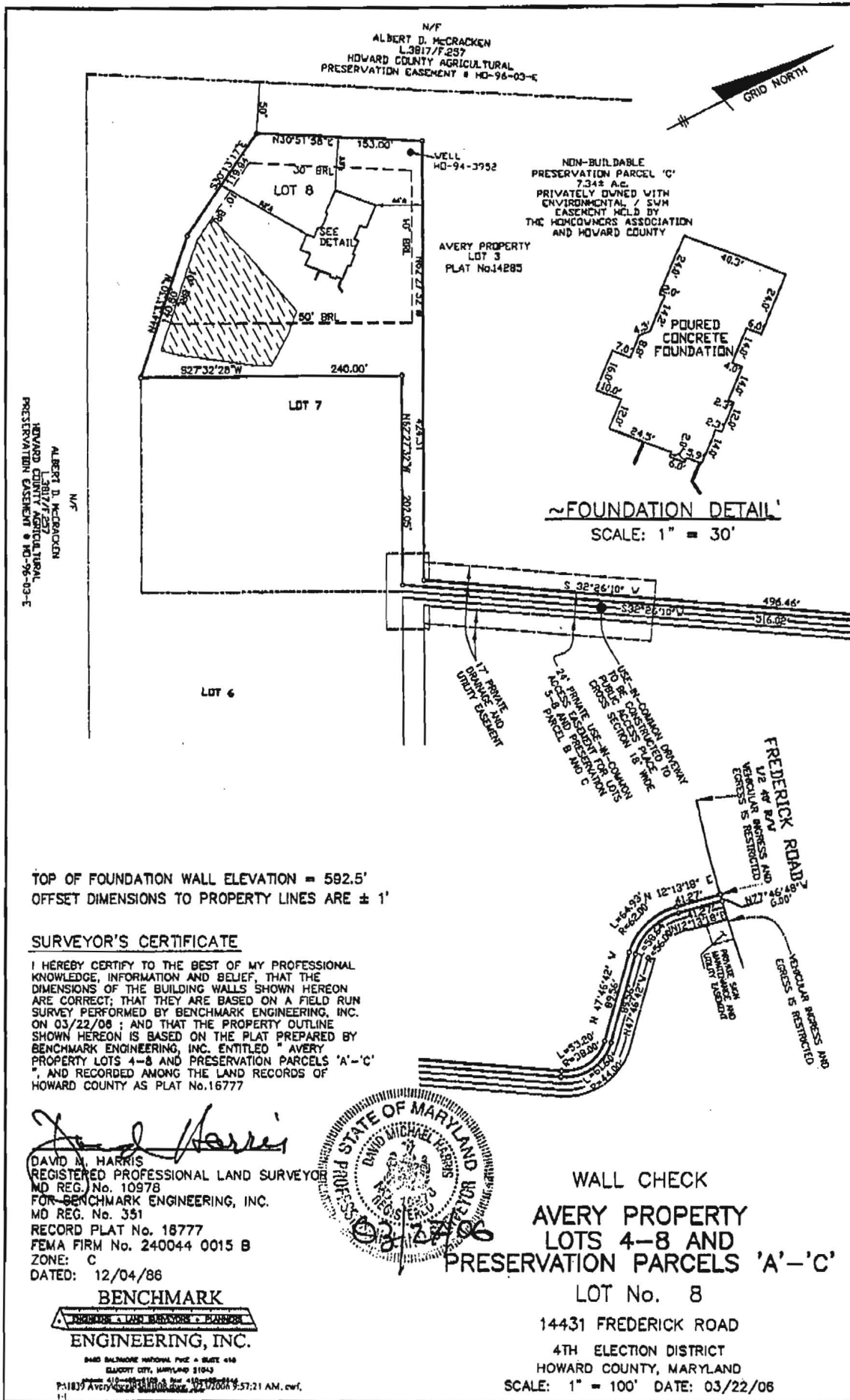
FREDERICK R  
1/2 40' R/W  
VEHICULAR EGRESS  
EGRESS IS REST

RECEIVED

AUG 24 2006

PLANNING DEPARTMENT





RECEIVED

AUG 24 2006

HOWARD COUNTY HEALTH DEPT.  
HEALTH SERVICES DIVISION

TOP OF FOUNDATION WALL ELEVATION = 582.5'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 03/22/06; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY BENCHMARK ENGINEERING, INC. ENTITLED "AVERY PROPERTY LOTS 4-8 AND PRESERVATION PARCELS 'A'-'C'", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.16777

*David M. Harris*  
DAVID M. HARRIS  
REGISTERED PROFESSIONAL LAND SURVEYOR  
MD REG. No. 10978  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
RECORD PLAT No. 16777  
FEMA FIRM No. 240044 0015 B  
ZONE: C  
DATED: 12/04/86



**BENCHMARK**  
ENGINEERING, INC.

3840 BALTIMORE NATIONAL PIKE • SUITE 410  
BALTIMORE CITY, MARYLAND 21043  
PHONE 410-381-1100 • FAX 410-381-1101  
P:\1837 Avery\1837.dwg, 07/20/06 9:57:21 AM, cwf.

WALL CHECK  
AVERY PROPERTY  
LOTS 4-8 AND  
PRESERVATION PARCELS 'A'-'C'  
LOT No. 8

14431 FREDERICK ROAD  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 100' DATE: 03/22/06