

8/29/00  
3:00  
9/29/00  
9/27/00 AM  
9/29/00 PM  
CO. PH

# PERMIT

**SEWAGE DISPOSAL SYSTEM**  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

P 514 206

A 43347

ISSUE DATE 8/24/2000

APPROVAL DATE 9/29/00

**INDEXED**

04-361938

K & K Excavating IS PERMITTED TO INSTALL X ALTER

ADDRESS 14960 Frederick Road, Woodbine, MD 21797 PHONE 410-442-1336

SUBDIVISION Carriage Mill Estates LOT NUMBER 56 ADDRESS 14780 Carriage Mill Drive

PROPERTY OWNER Oak Hill Properties PROPERTY OWNER'S ADDRESS 107 Loundown Street S.E.

SEPTIC TANK CAPACITY 1250 GALLONS Leesburg, VA 20175

PUMP CHAMBER CAPACITY N/A GALLONS

NUMBER OF BEDROOMS 4

SQUARE FEET PER BEDROOM 270 210

LINEAR FEET OF TRENCH REQUIRED 270 210

*\*changed due to percolation test results\**

TRENCHES: Trenches to be 2.0 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. 4.0 feet of stone below distribution box.

LOCATION: Begin trenches 50 feet off the 335.26 lot line and 125 off the 127.71 lot line. Run trenches on contour toward the 127.71 lot line.

**AND RETURNED**

**BUILDING PERMIT SIGNED**

7-28-04 BOD 149394-IG POOL  
8-7-05 BOD 155910-DECK

PLANS APPROVED Amy Mc Millen DATE 6/9/00

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC 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

CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A43347



NOT TO SCALE

**TRENCH DATA**

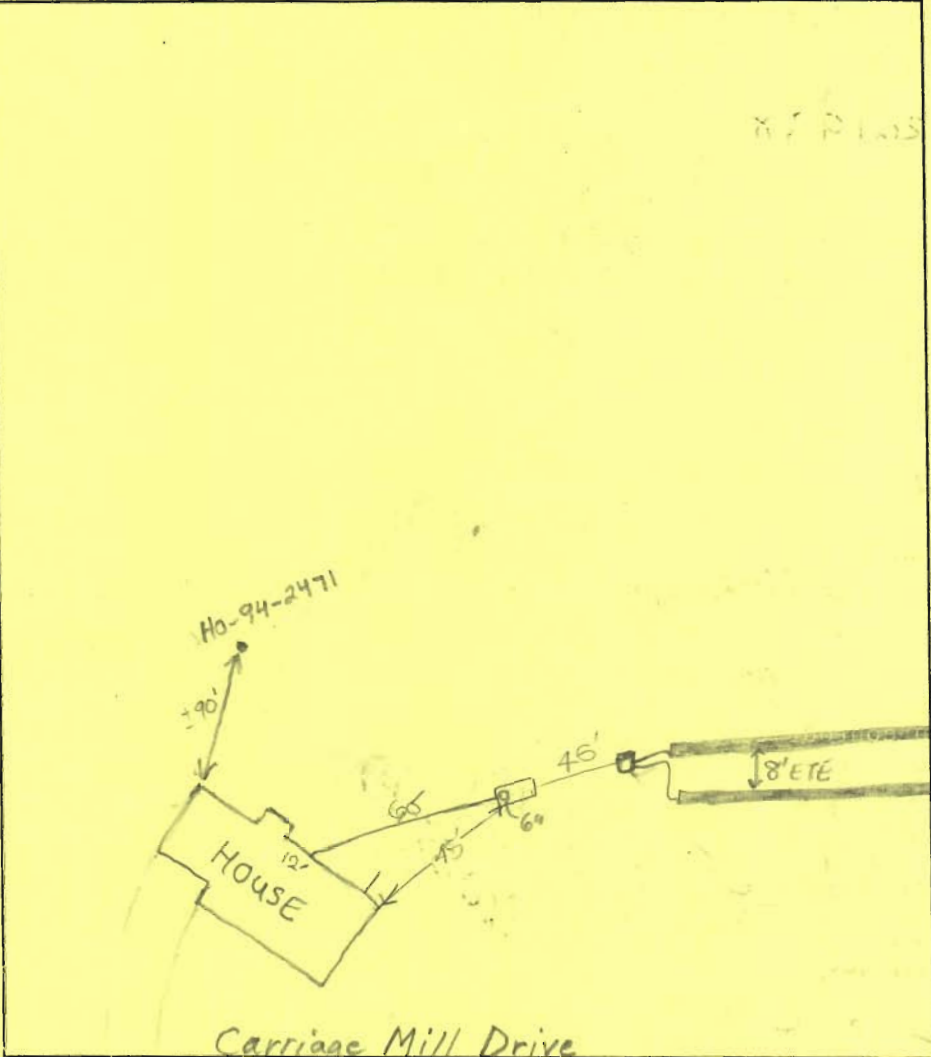
TRENCH WIDTH 2'  
 TRENCH INLET DEPTH 4.5'  
 TRENCH BOTTOM DEPTH 8.5'  
 DEPTH OF STONE 4'  
 NUMBER OF TRENCHES 2  
 TOTAL TRENCH LENGTH 210'  
 ABSORBENT AREA 840ft<sup>2</sup>  
 DISTRIBUTION BOX LEVEL   
 BAFFLE IN DISTRIBUTION BOX

**SEPTIC TANK DATA**

SEPTIC TANK 1500 M.S. GALLONS  
 MANHOLE RISER N/A Tank shallow & prior 9/11  
 6 INCH INSPECTION PORT Yes  
VID BEING TAKEN

**PUMP CHAMBER DATA**

PUMP CHAMBER GALLONS N/A  
 MANHOLE RISER N/A  
 ALARM N/A  
 PUMP PERFORMANCE TEST N/A



PRE-CONSTRUCTION INSPECTION: \_\_\_\_\_

INSPECTION COMMENTS: 8/29/00 Perc test requested by contractor to be rescheduled. BB  
9/14/00 SPECS ADJUSTED TO 210' BR; TOTAL REQ'D = 210'; OK  
FOR (2) 105' TRENCHES (MR)  
9/14/00 P.M. OK to cover from house to dist box. Need  
manhole cleanout on septic tank. OK to continue. DVG  
9/26/00 NO ONE PRESENT, NO ADD'L WORK (MR) 9/29/00 D.H. D.Box Hole Full w/ water, Material by pm 11.  
9/29/00 - OK TO COVER ALL WORK (SRW)

INSPECTOR Steven R. Krueger DATE SYSTEM APPROVED 9/29/00

Approved Septic System Plan  
Howard County Health Department

Total linear feet of trench 270  
required ~~220~~ feet

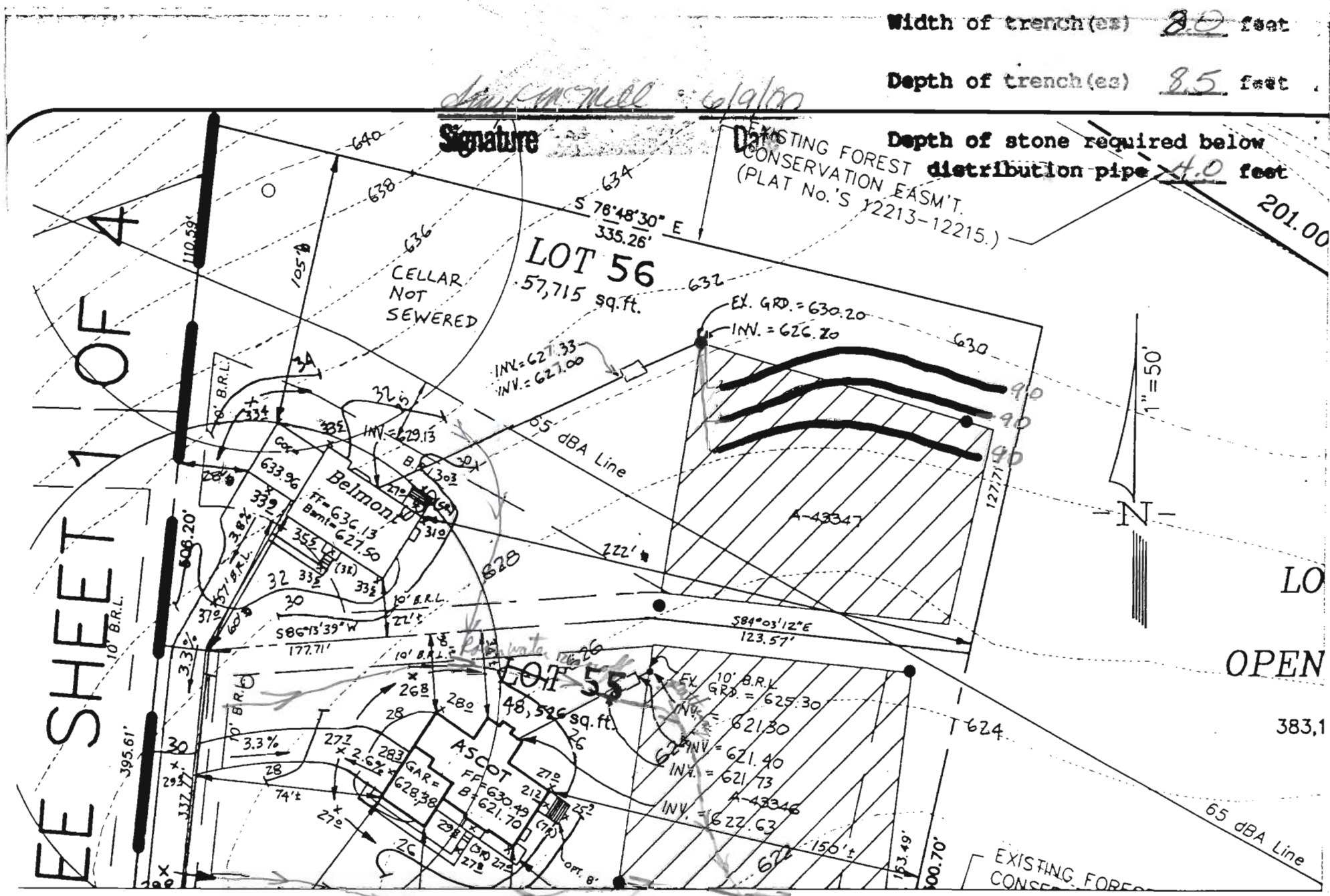
Width of trench (as) 2.0 feet

Depth of trench (as) 8.5 feet

Depth of stone required below  
distribution pipe 4.0 feet

*David M. Mill* 6/19/00  
Signature

DATE: 6/19/00  
EXISTING FOREST CONSERVATION EASM'T.  
(PLAT No.'S 12213-12215.)



SEE SHEET 1 OF 4

CARRIAGE MILL FARMS

PHASE II  
LOT 56  
BUILDING PERMIT

SEPTIC DATA

INV. OUT OF HOUSE = 629.13  
INV. INTO SEPTIC TANK = 628.33  
INV. OUT SEPTIC TANK = 628.00  
INV. INTO DIST. BOX = 626.20  
EX. ELEV. DIST. BOX = 630.20

DATE: 4/17/00  
DRAWN BY: CMZ

PROJECT NO.: 95005.22  
SCALE: 1"=50'

6999126

R.M. MOCHI GROUP, P.C.

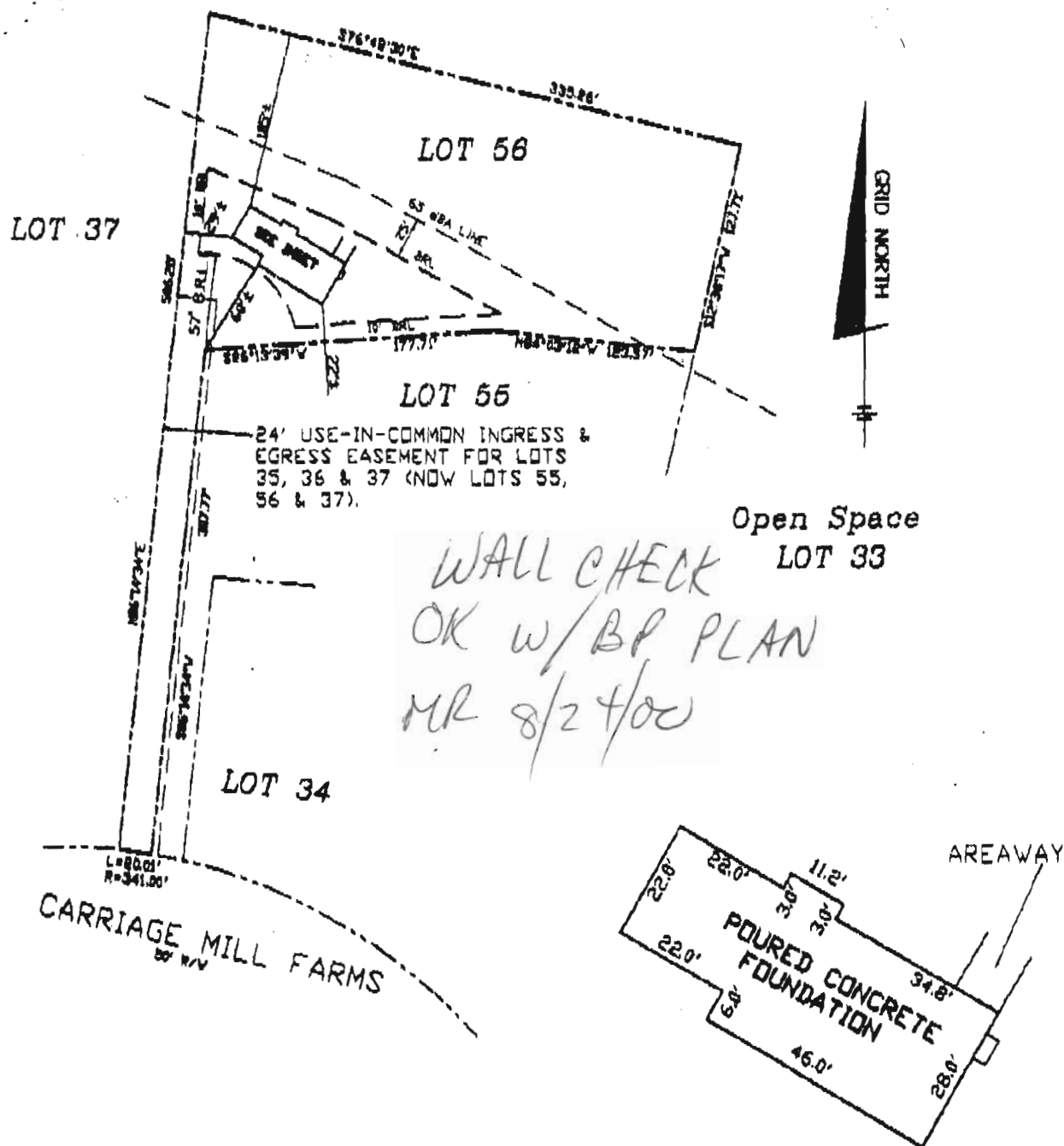
DATE ENGINEERS  
LAND SURVEYORS

PLANNERS  
ENVIRONMENTAL

P.O. Box 10  
New Market, MD 21774-0010  
10120 A Old National Pike  
Ijamsville, MD 21754-9706

(301) 865-5850  
Fax: (301) 865-5111





**FOUNDATION DETAIL**

SCALE: 1" = 30'

TOP OF FOUNDATION  
WALL ELEV. = 636.1

**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 08-07-00; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCH GROUP, INC. ENTITLED PLAT OF RESUBDIVISION, PHASE TWO, CARRIAGE MILL FARMS, LOTS 55 AND 56; AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 13738.

*David M. Harris*  
**DAVID M. HARRIS**  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 MD REG. No. 10978  
 FOR BENCHMARK ENGINEERING, INC.  
 MD REG. No. 351

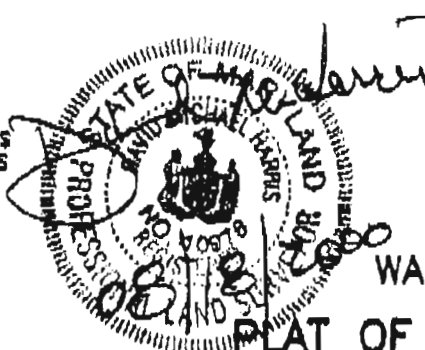
RECORD PLAT No. 13738  
 FEMA FIRM No. 240044 0008 B  
 ZONE: C  
 DATED: 12-04-86

**BENCHMARK**



**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE 4 SUITE 418  
 ELLICOTT CITY, MD 21043  
 PHONE: 410-465-6105 FAX: 410-465-6644



**WALL CHECK**  
**PLAT OF RESUBDIVISION**  
**PHASE TWO**  
**PHASE TWO**  
**CARRIAGE MILL FARMS**  
**LOTS 55 AND 56**  
**LOT No. 56**

CARRIAGE MILL DRIVE  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 100' DATE: 08-07-00