

11-8-89
10:00am

APPLICATION

PERCOLATION TESTING

A 45094
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____
DATE 10/19/89

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER EMERSON KEFAUVER

ADDRESS 1841 WOODSTOCK RD, WOODSTOCK, MD 21163 PHONE 465-1416

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION KEFAUVER PROP. LOT NO. Lot 3
* Prelim

ROAD AND DESCRIPTION SOUTH SIDE OLD FREDERICK RD @ DANIELS RD

TAX MAP 18 PARCEL # 19

SIZE OF LOT 3.5 Ac. ± TYPE BLDG. SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Emerson N. Kefauver
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

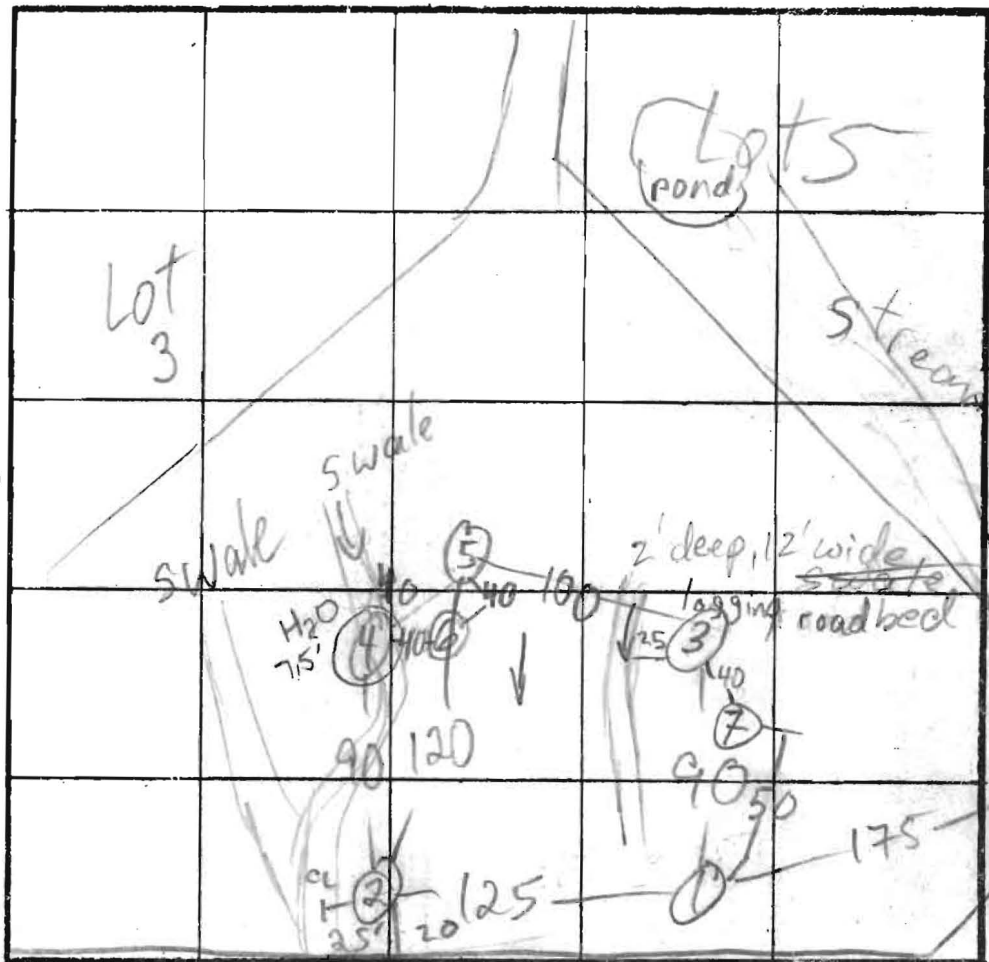
REASONS FOR REJECTION OR HOLDING HOLD FOR PLAT-FIELD RUN, TOPOS &
WET SEASON TESTING REQ'D MR 12/13/89

THIS IS NOT A PERMIT

Lot 4
A 45096

①-③⑤
SOIL PROFILE

org tan
sandy
clay loam
3
lt. tan
beige
orgt
dk brn
sand
loam
5%
FRAGS
11 1/2



$\bar{x} = 4$
180# BR.
Inlet 3'
Bottom 5'

③③H
①②LO

sm. pond

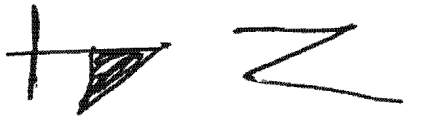
swale - INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/29/89	1 S	3 1/2	2:04	2:06	2:06	2:08	2	
	1 V	11 1/2	sim to ③ more gray clay to 2 1/2		5-10%		HARD BOT FRAGS	
	2 S	3 1/2	2:05	2:07	2:07	2:15	8	
	2 V	9	sim to ③ more brn clay to 2 1/2		5%		HARD BOT FRAGS	
	3 M	7	2:31	2:33	2:33	2:35	2	
	3 M	7	2:32	2:33	2:33	2:36	3	
	3 V	11 1/2	OK - see profile					
	④ V	8 1/2	WATER AT 7 1/2					
	5 V	10	OK clay to 3'		5% FRAGS		HARD BOT	
3/8/90	6 V	9 1/2	see profile		some large frags		DRY	
3/8/90	7 V	9 1/2	see profile		< 5% FRAGS		DRY	

REMARKS HOLES ①-④ PER PLAT - SHALLOW SYSTEM ONLY
HOLES ⑥-⑦ DUG w/ 3' BUCKET PER CONTRACTOR

TYPE OF SOIL
TESTED BY M. Rifkin ALSO PRESENT OK - owner, eng'r

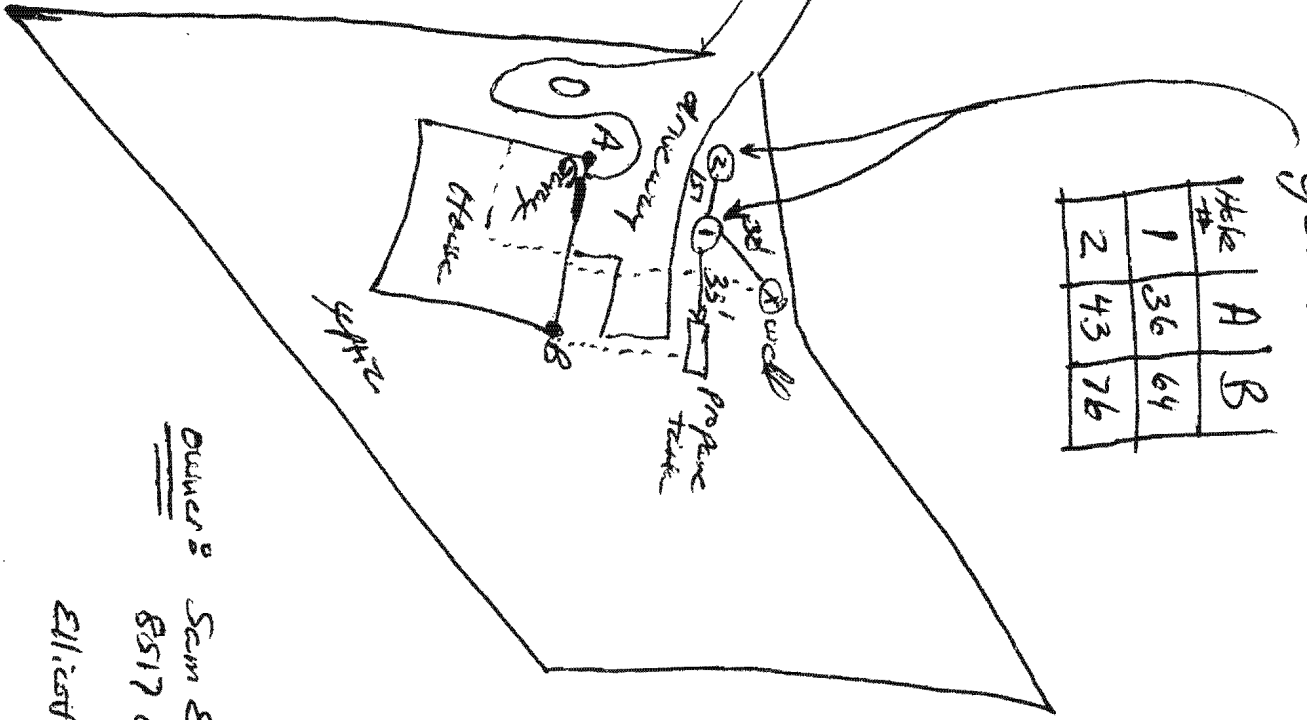
11-12-1079



018 Frederick Rd.

geo locations

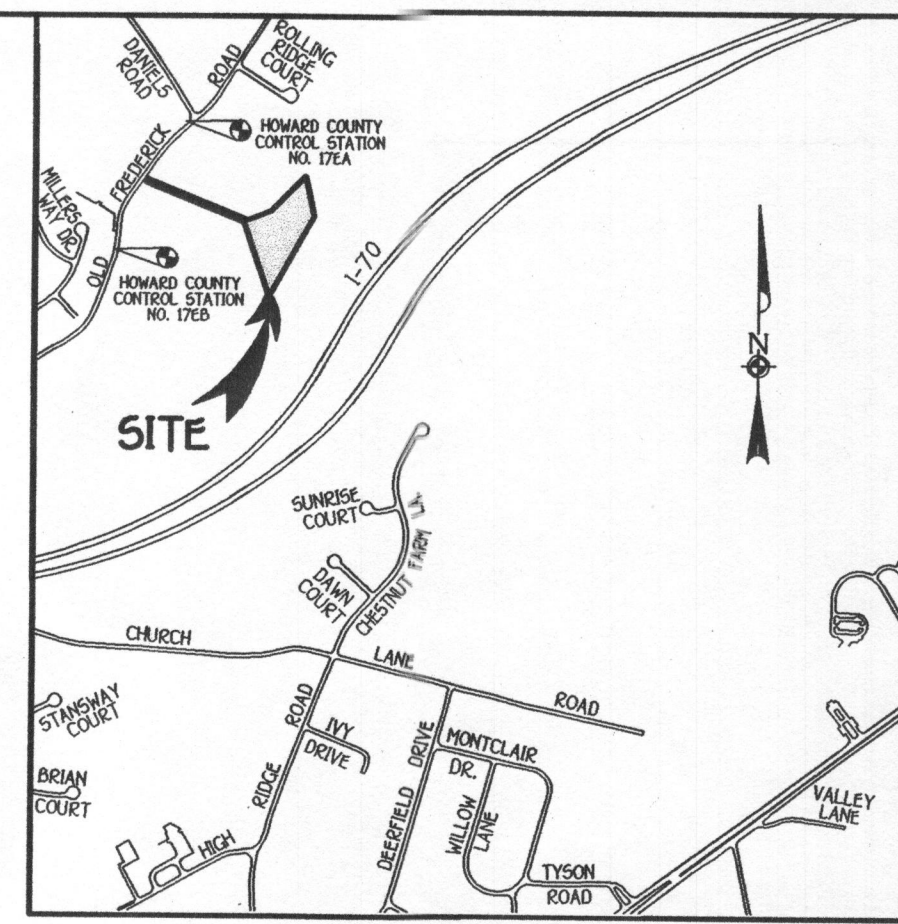
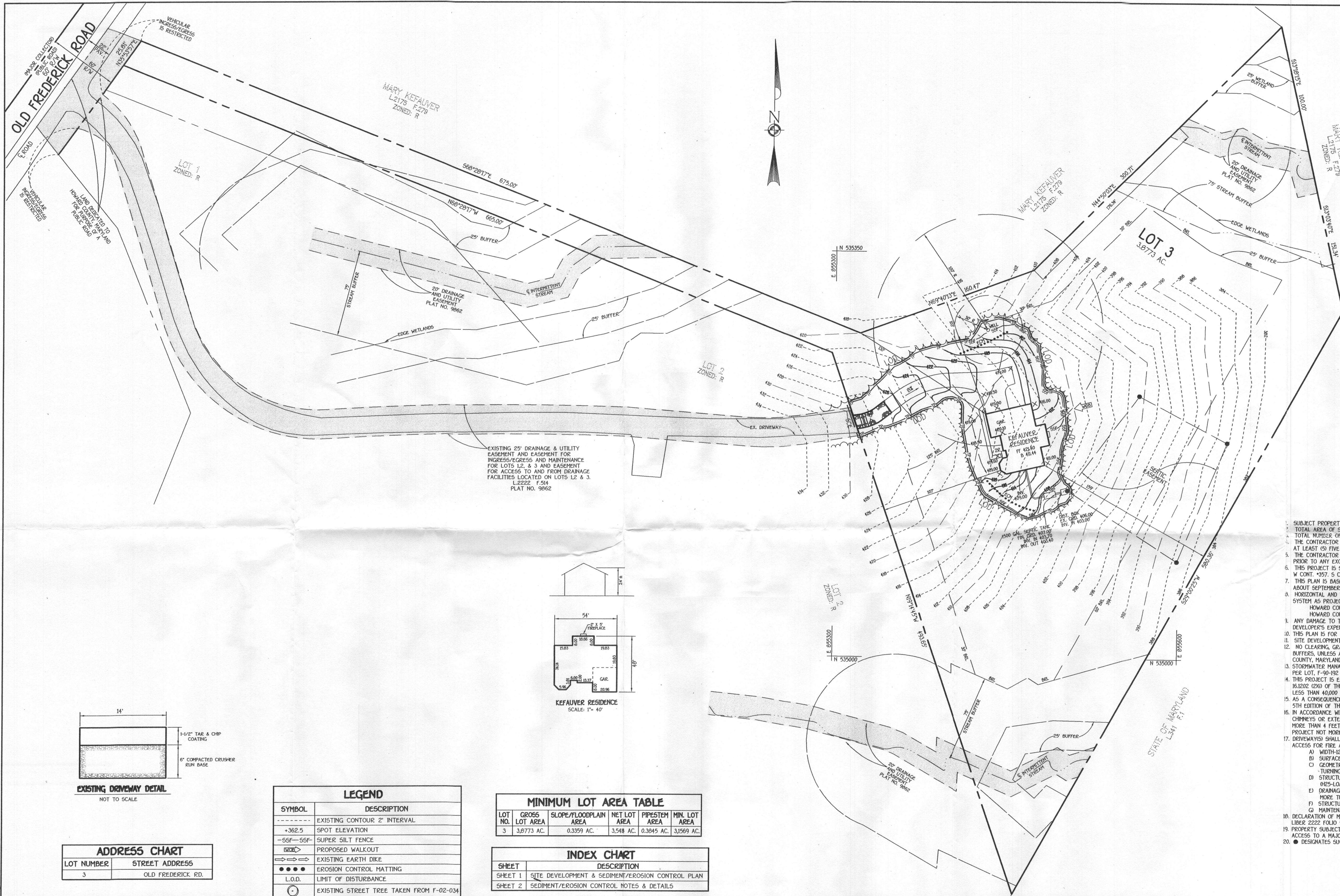
Wk#	A	B
1	36	64
2	43	76



Not to Scale

Owner's

Sam Ely
 8517 Old Frederick Rd
 Ellicott City MD
 21043



VICINITY MAP
SCALE: 1" = 2000'

BENCH MARKS

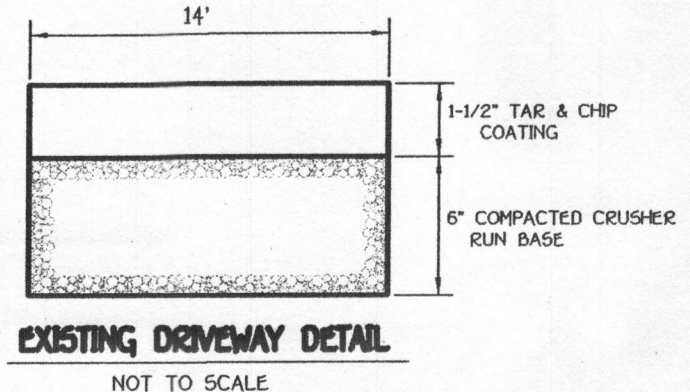
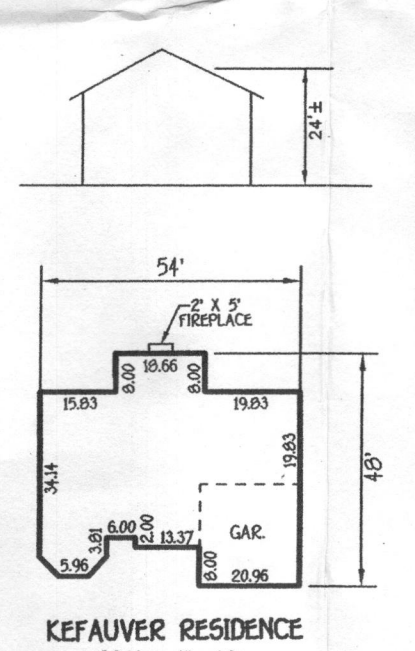
HO. CO. MON. 17EA ELEV. 479.462
N. 18180.5724
E. 41372.7247
LOC. BETWEEN DANIELS ROAD
AND OLD FREDERICK ROAD

HO. CO. MON. 17EB ELEV. 454.223
N. 180994.8448
E. 413227.8979
LOC. BETWEEN DANIELS ROAD
AND OLD FREDERICK ROAD

GENERAL NOTES

- SUBJECT PROPERTY ZONED R PER 10/18/93 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF SITE: 3.8773 ACRES.
- TOTAL NUMBER OF LOTS SUBMITTED: 1
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410)313-1080 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: F-90-192, WP91-32, W CONT. #57, 5 CONT. #4-6087
- THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER, 2002, BY FISHER, COLLINS & CARTER, INC.
- HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON NAD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS: HOWARD COUNTY MONUMENT 17EA N 18180.5724 E 41372.7247 HOWARD COUNTY MONUMENT 17EB N 180994.8448 E 413227.8979
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- THIS PLAN IS FOR HOUSE SITING AND GRADING ONLY.
- SITE DEVELOPMENT PLAN IS FOR SINGLE FAMILY DETACHED UNITS.
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE WETLAND OR STREAM BUFFERS, UNLESS APPROVED BY THE DEPARTMENT OF PLANNING AND ZONING OF HOWARD COUNTY, MARYLAND.
- STORMWATER MANAGEMENT WAS PROVIDED BY FEE-IN-LIEU IN THE AMOUNT OF \$1,000.00 PER LOT, F-90-192 ON FEBRUARY 21, 1991.
- THIS PROJECT IS EXEMPT FROM THE FOREST CONSERVATION REQUIREMENTS OF SECTION 16.202 (2)(D) OF THE HOWARD COUNTY CODE, BECAUSE THE DEVELOPMENT IS CLEARING LESS THAN 40,000 SQUARE FEET.
- AS A CONSEQUENCE OF THIS SUBMISSION, ON OCTOBER, 2002 THIS SDP IS SUBJECT TO THE 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- IN ACCORDANCE WITH SECTION 12B(AND) OF THE HO. CO. ZONING REGS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY NOT PROJECT MORE THAN 4 FEET INTO ANY SETBACKS, PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR SETBACKS.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH-12 FEET (4 FEET IF SERVING MORE THAN ONE RESIDENCE)
 - SURFACE-4" D STANDARD PAVING
 - GEOMETRY-MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45 FOOT TURNING RADIUS
 - STRUCTURES (BRIDGES/CULVERTS)-CAPABLE OF SUPPORTING 25 GROSS TONS (425-LOADING)
 - DRAINAGE ELEMENTS-CAPABLE OF SAFETY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
 - STRUCTURE CLEARANCES-MINIMUM 12 FEET
 - MAINTENANCE-SUFFICIENT TO INSURE ALL WEATHER USE.
- DECLARATION OF MAINTENANCE OBLIGATION FOR USE-IN-COMMON DRIVEWAY RECORDED IN LIBER 2222 FOLD 514.
- PROPERTY SUBJECT TO WP 91-32 WHICH, ON NOVEMBER 6, 1990 GRANTED DIRECT DRIVEWAY ACCESS TO A MAJOR COLLECTOR ROADWAY, OLD FREDERICK ROAD.
- DESIGNATES SUCCESSFUL PERC TEST.

EXISTING 25' DRAINAGE & UTILITY EASEMENT AND EASEMENT FOR INGRESS/EGRESS AND MAINTENANCE FOR LOTS 1, 2, & 3 AND EASEMENT FOR ACCESS TO AND FROM DRAINAGE FACILITIES LOCATED ON LOTS 1, 2 & 3. L.2222 F.54 PLAT NO. 9862



LEGEND

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
-SF-SF-	SUPER SILT FENCE
---	PROPOSED WALKOUT
---	EXISTING EARTH DIKE
●●●●	EROSION CONTROL MATTING
L.O.D.	LIMIT OF DISTURBANCE
○	EXISTING STREET TREE TAKEN FROM F-02-034

MINIMUM LOT AREA TABLE

LOT NO.	GROSS LOT AREA	SLOPE/FLOODPLAIN AREA	NET LOT AREA	PIPESTEM AREA	MIN. LOT AREA
3	3.8773 AC.	0.3359 AC.	3.5414 AC.	0.3845 AC.	3.1569 AC.

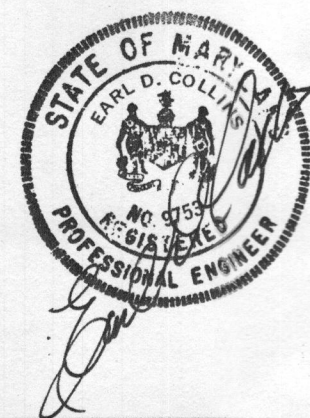
INDEX CHART

SHEET	DESCRIPTION
SHEET 1	SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN
SHEET 2	SEDIMENT/EROSION CONTROL NOTES & DETAILS

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
3	OLD FREDERICK RD.

FISHER, COLLINS & CARTER, INC.
ENGINEERING, CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 18272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21114
(410) 461-2955



ENGINEER'S CERTIFICATE
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Earl D. Collins 10/11/02
Signature of Engineer EARL D. COLLINS Date

BUILDER/DEVELOPER'S CERTIFICATE
I/we certify that all development and construction will be done according to this plan, for sediment and erosion control and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

Owen Kelly 10-14-02
Signature of Developer OWEN KELLY Date

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A.-Natural Resources Conservation Service Date
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT. KEFAUVER PROPERTY
Howard SCD Date

OWNER/BUILDER/DEVELOPER
CARRIGAN HOMES
9912 CAITINS COURT
ELLICOTT CITY, MARYLAND 21142
410-465-7755

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Division of Land Development Date
Chief, Development Engineering Division Date
Director - Department of Planning and Zoning Date

PROJECT	SECTION	LOT NO.
	N/A	3

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
9862	7	R	1B	SECOND	

PRIVATE WATER: N/A
PRIVATE SEWER: N/A

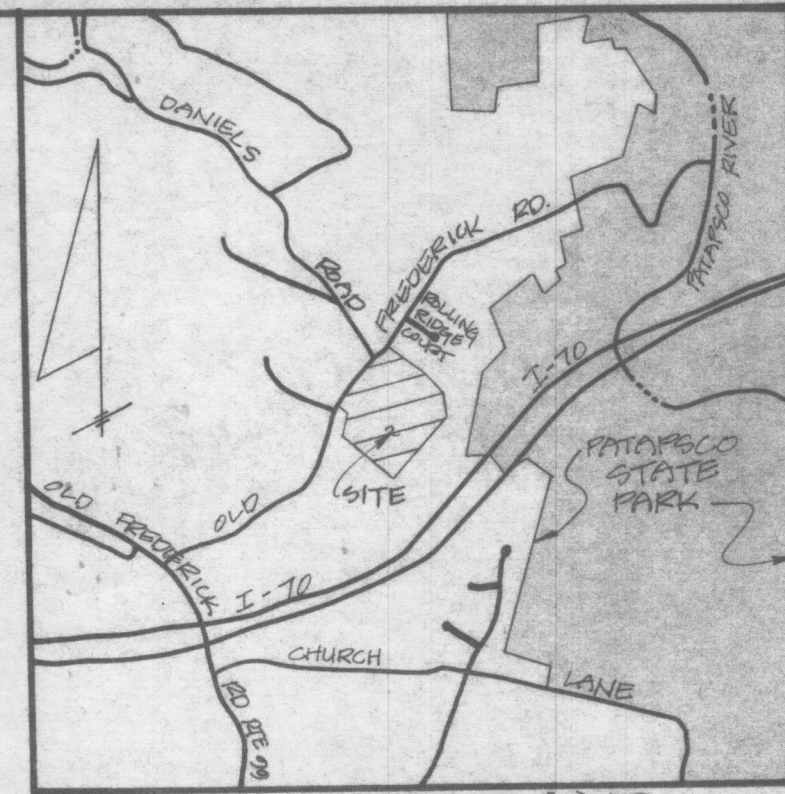
**SITE DEVELOPMENT
SEDIMENT/EROSION CONTROL PLAN**

**SINGLE FAMILY DETACHED
KEFAUVER PROPERTY
LOT 3**

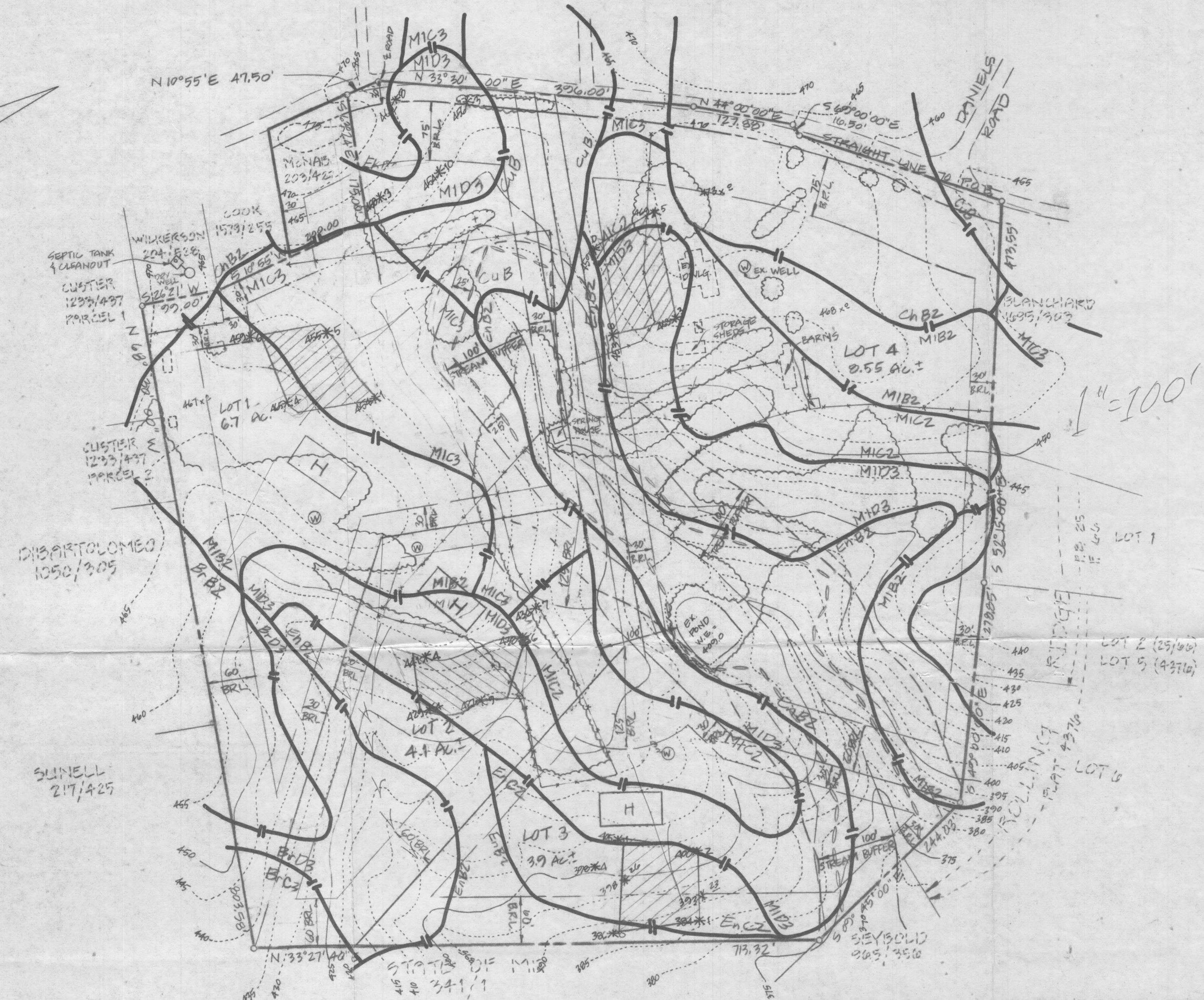
TAX MAP No: 1B PARCEL: 19
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 40' DATE: OCTOBER, 2002
SHEET 1 OF 2

K:\DISK\PROJ\06785 Kefauver Property\Draws\17265 Sdp_Lot 3.dwg, 10/11/2002 01:05:49 PM

SDP-03-054
11/14/02 OK



VICINITY MAP
SCALE: 1" = 1000'



APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

Jayne M. Boyd and per JSM 5/3/90
COUNTY HEALTH OFFICER DATE

1. [Hatched Area] THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SF AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
2. THE LOT(S) SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE.
3. BRL DESIGNATES BUILDING RESTRICTION LINE.

4. SUBJECT PROPERTY ZONED 'R' PER 8-2-85 COMPREHENSIVE ZONING PLAN.
5. (W) DESIGNATES PROPOSED WELL LOCATION.
6. (H) DESIGNATES PROPOSED HOUSE LOCATION.
7. (M) DESIGNATES FIELD-LOCATED PERC TEST & ELEVATION
8. --- DESIGNATES LIMIT OF WETLANDS

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITES 106 & 107
ELLCOTT CITY, MD 21043
(301) 461-9563

PERC TEST PLAT
KEFAUVER PROPERTY
LOTS 1 THRU 5
TAX MAP 18 PARCEL 19
2ND ELECTION DISTRICT
HOWARD COUNTY, MD
SCALE: 1" = 100'
DATE: JAN, 18, 1990
REV: MARCH 26, 1990



Scott Shanaberger
& Scott Shanaberger
PROFESSIONAL LAND SURVEYOR # 10849
1/19/90 DATE