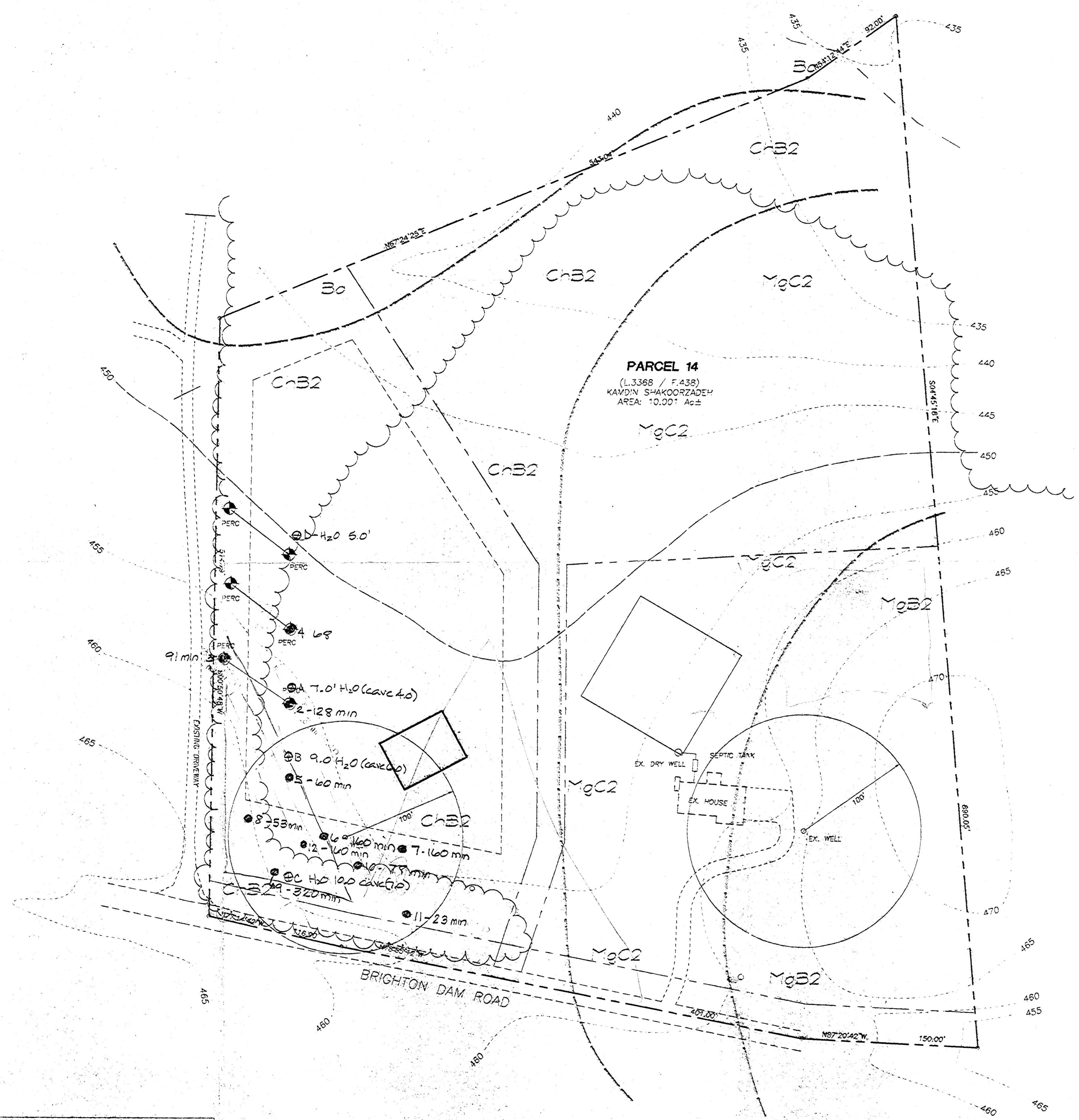


DEED NORTH



LEGEND

EXISTING 5 FOOT CONTOUR	---	710
EXISTING 25 FOOT CONTOUR	---	700
PERCOLATION TEST HOLE	●	

NOTES

1. THE CONTOURS SHOWN HEREON ARE BASED ON CLIENT SUPPLIED TOPOGRAPHY.

4/28
 more -
 This plan was brought in 4/24/00 and given to me. Please review for the sand mound tests. I have reserved a test date - ~~4/28/00~~ wet season 5/16/00 SAND MOUND TESTS, 10.00 hrs

SHAKOORZADEH PROPERTY
 PLAN TO ACCOMPANY PERCOLATION TESTING REVISED
 TAX MAP #34 6TH ELECTION DISTRICT PARCEL 14 HOWARD COUNTY, MARYLAND

VOGEL & ASSOCIATES
 ENGINEERS SURVEYORS PLANNERS
 3091 Park Avenue, Suite 101 • Ellicott City, Maryland 21030
 Tel: 410.851.9825 Fax: 410.851.9966

DESIGNED BY	MDM
DRAWN BY	MDM
CHECKED BY	SHV
DATE	APRIL 2000
SCALE	"AS SHOWN"
W.D. NO.	99-75

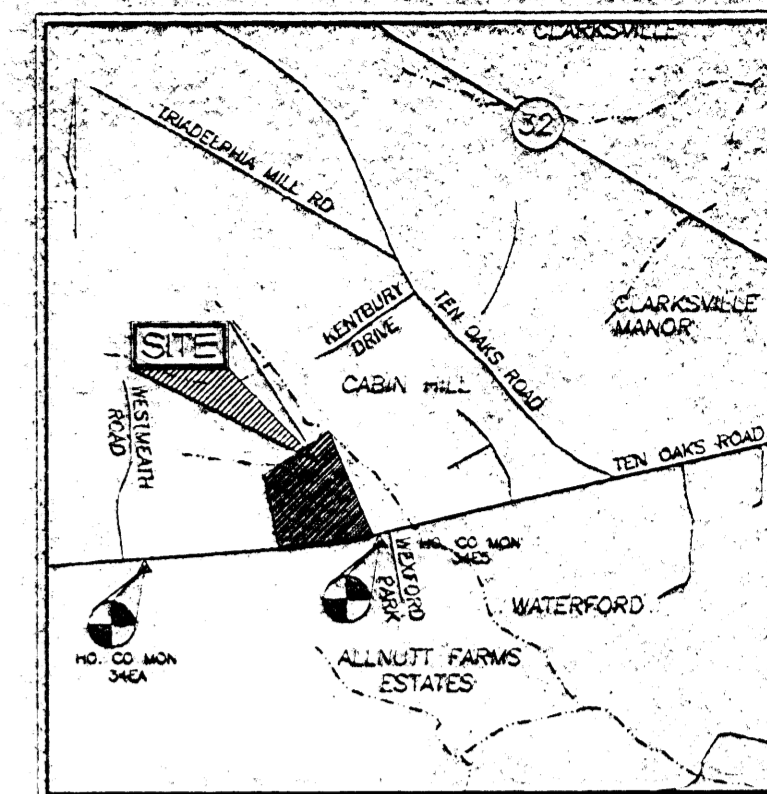
SHEET 01

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	TYPE
Bc	BALE SILT LOAM	D
ChB2	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES, MODERATELY ERODED	B
MgB2	MAJOR GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
MgC2	MAJOR GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B

NOTE: HOWARD SOIL SURVEY, MAP NUMBER 23

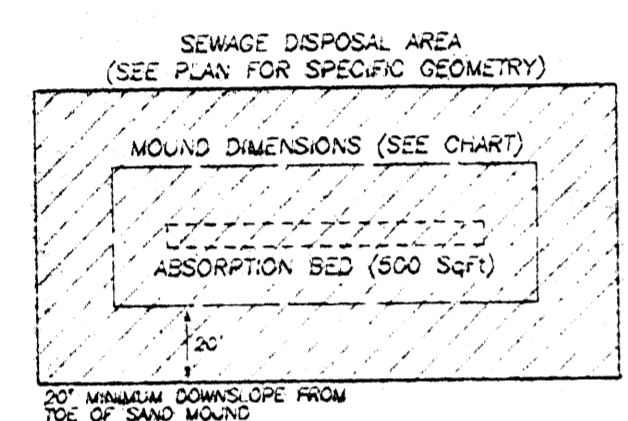
C:\AD\0085\SHAKOORZADEH



VICINITY MAP
SCALE: 1"=2000'

LEGEND

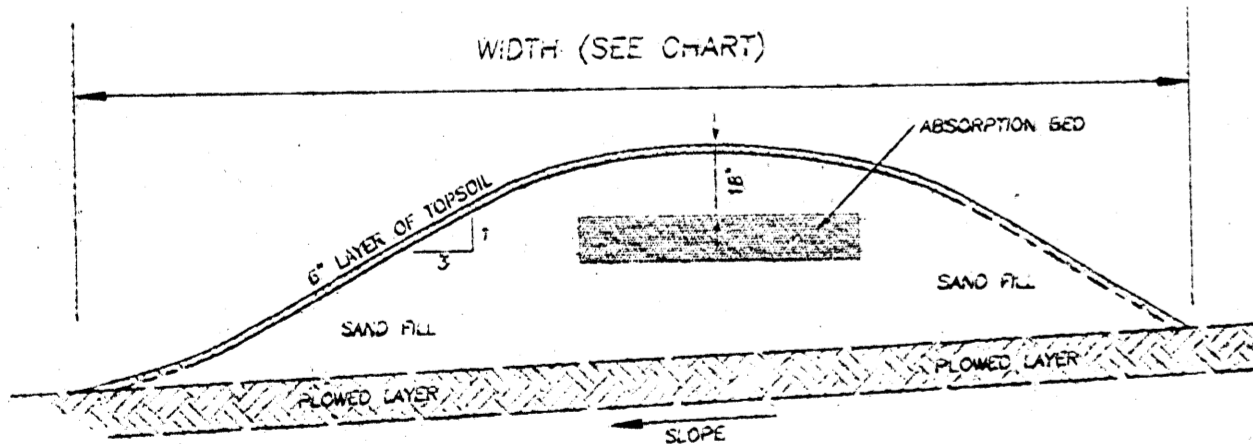
- x - EXISTING FENCELINE
- #- PROPERTY EVIDENCE (FOUND)
- - - PROPERTY LINE
- - - STREAM CENTERLINE
- - - ROAD CENTERLINE
- - - SOILS DIVISION LINE
- - - SOILS TYPE
- - - 5' CONTOUR INTERVAL
- - - 1' CONTOUR INTERVAL



SAND MOUND DETAIL
N.T.S.

MOUND DIMENSION CHART

MOUND NO.	ABSORPTION BED DIMENSIONS	MOUND DIMENSIONS
1	(56' X 9')	(84' X 35')
2	(56' X 9')	(84' X 35')
3	(56' X 9')	(84' X 35')



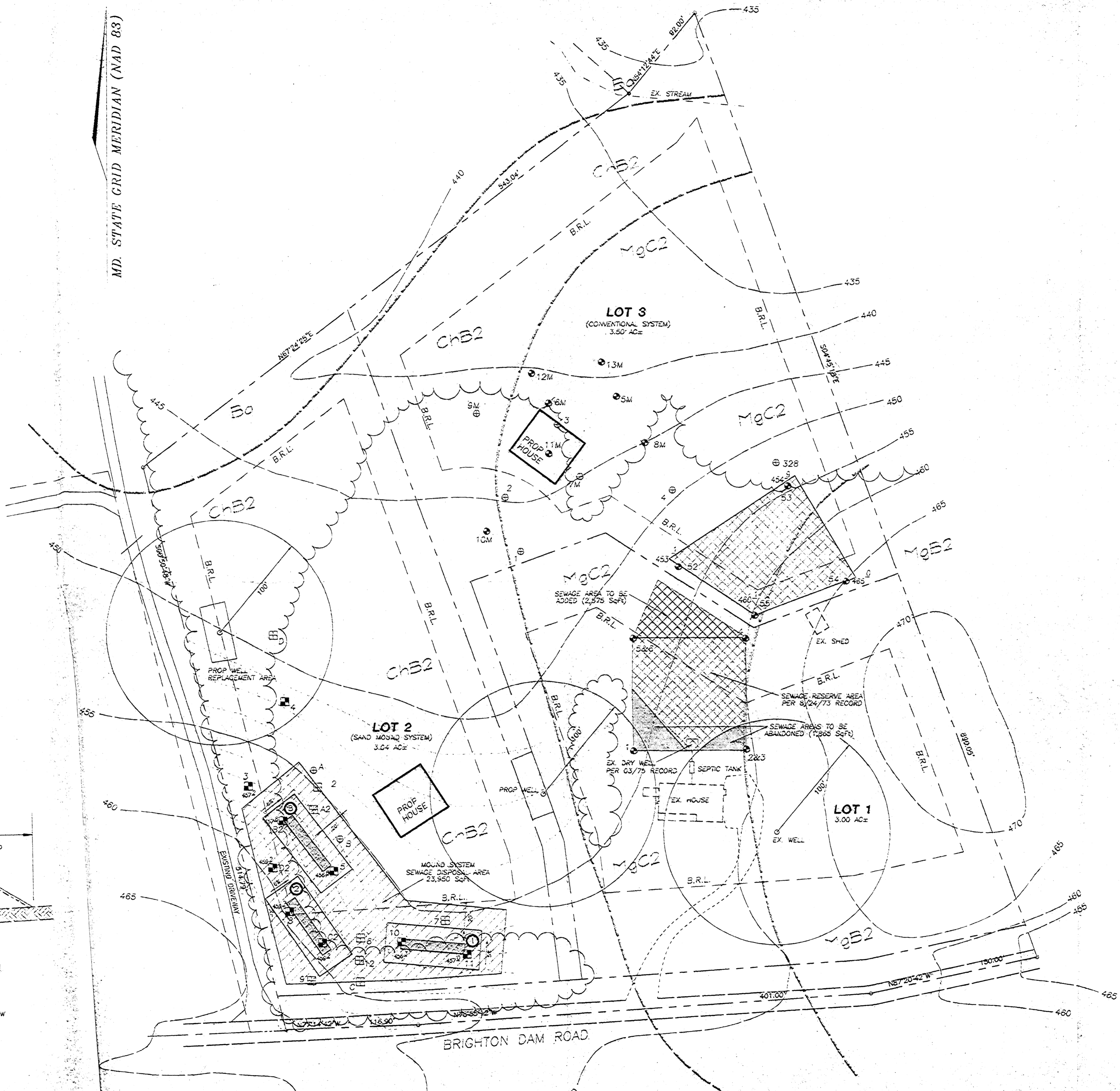
SAND MOUND CROSS SECTION
N.T.S.

NOTE:
4 BEDROOM SINGLE FAMILY DWELLING USED FOR DAILY DESIGN FLOW

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	TYPE
Bs	BALILE SILT LOAM	D
Hs	HATBORO SILT LOAM	D
Chs2	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES, MODERATELY ERODED	B
Crc2	CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
ClA	CLEVELAND LOAM, 3 TO 3 PERCENT SLOPES	B
Mc2	MAJOR GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B

NOTE: HOWARD SOIL SURVEY, MAP NUMBER 23

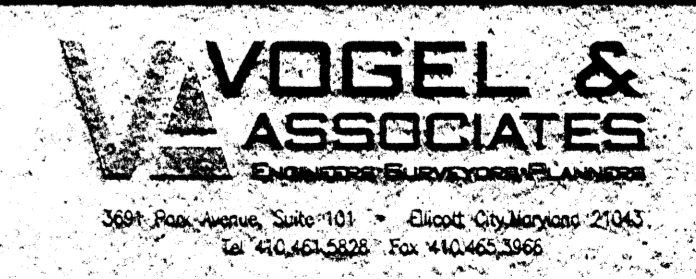


GENERAL NOTES

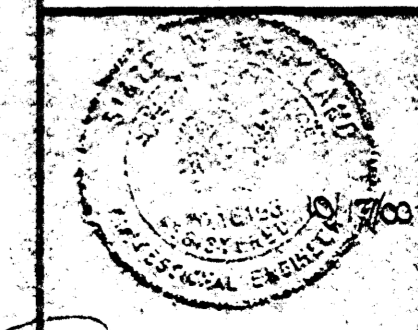
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY AND SUPPLEMENTED WITH HOWARD COUNTY DIGITAL TOPOGRAPHY.
- THE PROPERTY LINES SHOWN HEREON ARE BASED ON A DEED PLOTTING.
- ALL EXISTING SEPTIC AND WELL AREAS WITHIN 100 FEET OF THE SITE HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE.
- THE PURPOSE OF THIS PLAN IS TO PROVIDE A USABLE SEPTIC SYSTEM FOR EACH OF THE PROPOSED LOTS SHOWN HEREON.
- PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN AS FOLLOWS:
 - ⊕ PASSED PERCOLATION TEST HOLE (CONVENTIONAL SYSTEM)
 - ⊖ FAILED PERCOLATION TEST HOLE (CONVENTIONAL SYSTEM)
 - ⊕ PASSED PERCOLATION TEST HOLE (SAND MOUND SYSTEM)
 - ⊖ FAILED PERCOLATION TEST HOLE (SAND MOUND SYSTEM)
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL UTILIZING SAND MOUND SEWAGE SYSTEMS ONLY. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- SAND MOUND DETAIL PLAN TO BE SUBMITTED FOR REVIEW AND APPROVAL BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO ISSUANCE OF A BUILDING PERMIT FOR THE RESIDENCE.
- THE TYPICAL SAND MOUNDS SHOWN WERE SIZED FOR A 4 BEDROOM SINGLE FAMILY DWELLING WITH A SITE SLOPE OF 10%. ANY INCREASE IN THE NUMBER OF BEDROOMS FOR THE PROPOSED SAND MOUND WILL REQUIRE A REDESIGN OF THE SAND MOUND. SITE AND DESIGN PLANS TO BE SUBMITTED FOR REVIEW BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO THE ISSUANCE OF A BUILDING PERMIT FOR THE RESIDENCE.
- THIS AREA DESIGNATES A MINIMUM 10,000 SQ FT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- THE PROPOSED WELL FOR LOT 3 TO BE DRILLED PRIOR TO RECORD PLAN APPROVAL.

OWNERS / DEVELOPERS
KANDI SHAKOORZADEH
MAHMOUD BOLOOR
12740 BRIGHTON DAM ROAD
CLARVILLE, MARYLAND 20629

SHAKOORZADEH PROPERTY
PERCOLATION CERTIFICATION
PLAN
PC-513272
TAX MAP #54 PARCEL 14
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND



APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS
Doreen M. M... [Signature] 10/27/00
COUNTY HEALTH OFFICER M.D. DATE



DESIGNED BY: M.D.M.
DRAWN BY: M.D.M.
CHECKED BY: R.H.V.
DATE: OCTOBER 16, 2000
SCALE: 1"=50'
W.C. NO.: 99-55

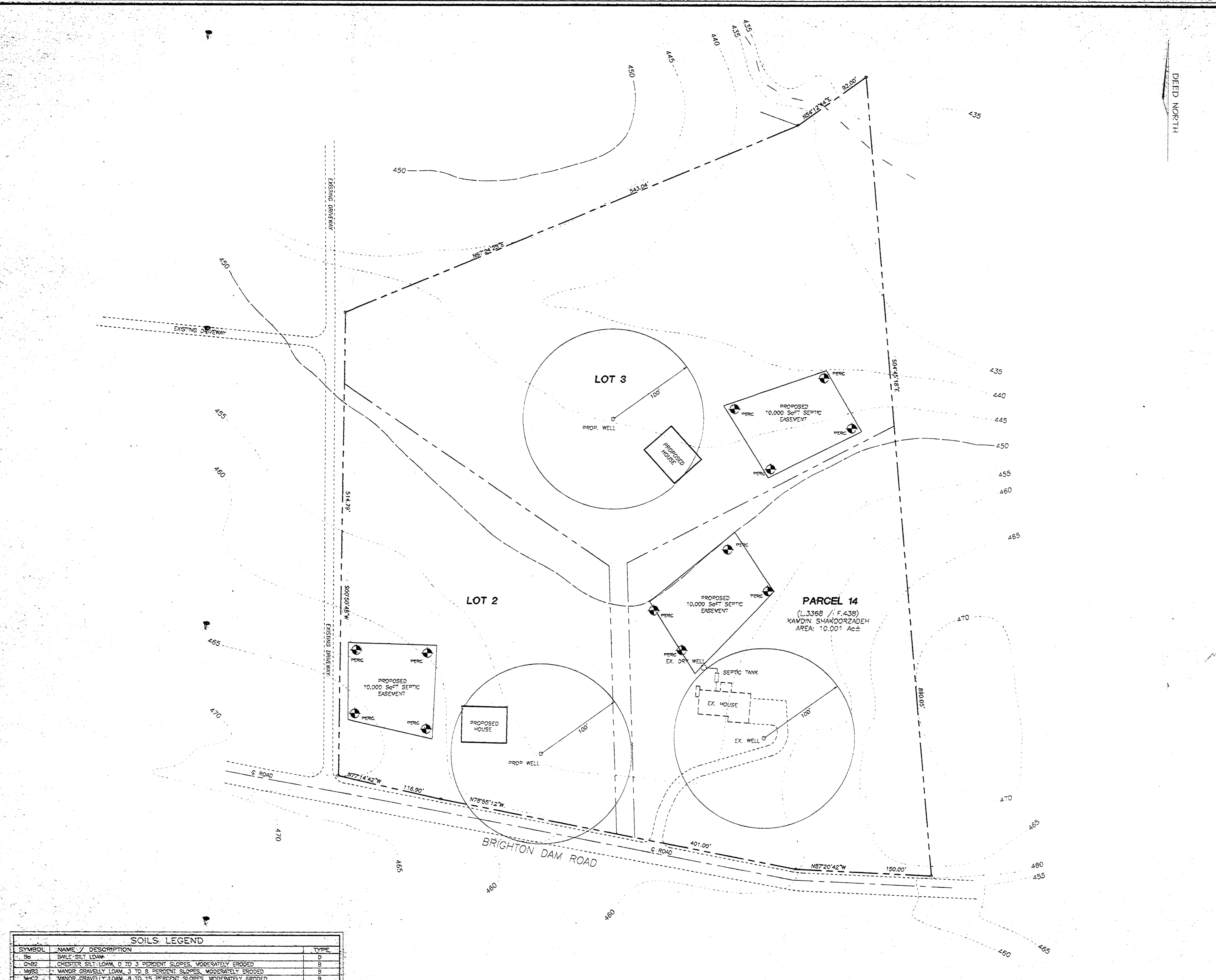
DEED NORTH

LEGEND

EXISTING 5 FOOT CONTOUR	---	710
EXISTING 25 FOOT CONTOUR	- - - - -	700
PERCOLATION TEST HOLE	⊙ PERC	

NOTES

1. THE CONTOURS SHOWN HEREON ARE BASED ON CLIENT SUPPLIED TOPOGRAPHY.



OWNERS / DEVELOPERS
 KAVDIN SHAKOORZADEH
 6370 BRIGHTON DAM ROAD
 CLARKVILLE, MD 21029

SHAKOORZADEH PROPERTY
 PLAN TO ACCOMPANY
 PERCOLATION TESTING

TAX MAP #34 PARCEL 14
 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

VOGEL & ASSOCIATES
 ENGINEERS SURVEYORS PLANNERS

3801 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
 Tel: 410.461.3823 Fax: 410.463.3986

DESIGN BY: MDM
 DRAWN BY: MDM
 CHECKED BY: RLK
 DATE: FEBRUARY, 2000
 SCALE: 1"=50'
 W.O. NO.: 99-75

SHEET
 OF

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	TYPE
Ss	SAND, SILT LOAM	D
ChB2	CHESTER SILT-LOAM, 0 TO 3 PERCENT SLOPES, MODERATELY ERODED	B
MgB2	MANOR GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
McC2	MANOR GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B

NOTE: HOWARD SOIL SURVEY, MAP NUMBER 23

C. VERBAAR



A QUICK NOTE

1-17-00

Amy McMullen
Mark Rifkin
Chuck Zepp

① Engineer locate question hole & propose conv. site which chuck will dig in the morning of sand mound testing on 2nd lot

② Relocate sandmound test site on revised plan & new field stake-out

③ Propose additional conventional test holes near sewage disposal area on existing house

A McMullen
M Rifkin



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HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

August 7, 2000

Kamdin Shakourzadeh
12970 Brighton Dam Road
Clarksville, MD 21029

RE: PERCOLATION TEST RESULTS
A 513272
Shakourzadeh Property Subdivision
Brighton Dam Road
Map 34, Parcel 14

Dear Mr. Shakourzadeh:

Percolation testing conducted April 13, April 14, April 20, May 16, and May 30, 2000 on the referenced property indicated limited satisfactory soil conditions. Copies of the test results are enclosed. Sand mound testing was conducted on all test days except April 20, 2000.

Further review is contingent upon submission by a registered engineer of a percolation certification plan showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the locations of all existing wells and septic reserve areas on the property, as well as the locations of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all existing wells and septic within 100 feet of property boundaries have been shown.

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

Very truly yours,

Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

cc: Vogel and Associates
File

Bureau of Environmental Health

3525-H Ellicott Mills Drive • Ellicott City, Maryland 21043-4544

Water and Sewerage, Permits (410) 313-1771 Community Environmental Health Program (410) 313-1773
Director (410) 313-2640 TDD(410) 313-2323 TOLL FREE - 1-877-4MD-DHMH

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Division of Land Development

DATE: 2/23/01

P&Z File No. F-01-134

Department of Planning and Zoning

- Transportation Planning
Historic Preservation
Comprehensive Planning and Zoning Administration
Research
Address Coordinator

- Agricultural Preservation
Development Engineering Division
Forest Conservation Planner
File

Agencies

- Soil Conservation District
Department of Inspections, Licenses & Permits
Department of Fire and Rescue Services
State Highway Administration
Bureau of Environmental Health
Board of Education
Recreation and Parks

- Tax Assessment
Bell Atlantic Telephone
BG&E
Cable TV
Police
MTA
Finance
DPW, Real Estate Services
DPW, Construction and Inspection
DPW, Bureau of Utilities

RE: Shakoorzadeh Prop., Lots 1-3

ENCLOSED FOR YOUR THE ENCLOSED Signature Approval Original Review & Comments Files

Table with columns: Plans, # of Sheets. Includes items like Sketch Plan, Prel Equiv Sketch Plan, Preliminary Plan, Final Plat, etc.

Table with columns: Supplemental Documents. Includes items like Wetlands Report, Soils/Topo Map/Drain Area Map, FSD/FCP/Worksheet and Application, etc.

- Applications
Waiver Petition Applic/Exhibit
Planning Board Applic
ASDP/CSDP Application
DED Application/Checklist
DED Fee Receipt/Deeds/Cost Estimate

- Response Letter
Perc Plat
Scenic Road Exhibits

WAS: Received Tentatively Approved Received and Revised Approved

Recorded On 2/23/01

COMMENTS:

SRC/COMMENTS DUE BY: 3/20/01


Check, initial and return to the Department of Planning and Zoning if plan is approved with no comments.



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer
April 9, 2001

TO: Cindy Hamilton, Chief
Division of Land Development

FROM: Mark Rifkin 
Water and Sewerage Program

RE: File Number: F-01-134
Title: Shakoorzadeh Property, Lots 1-3

The applicant has not yet complied with the requirement to drill the well for lot 3, as stated on the approved percolation certification plan. The engineer has been advised of same.

MR



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

July 6, 2001

TO: Cindy Hamilton, Chief
Division of Land Development

FROM: Mark Rifkin *MR*
Water and Sewerage Program

RE: File Number: F-01-134
Title: Shakoorzadeh Property

The Health Department has no objections to further processing of the referenced originals.
The well which was a prerequisite to final plat submission has been drilled.

MR

Bureau of Environmental Health

3525-H Ellicott Mills Drive • Ellicott City, Maryland 21043-4544

Water and Sewerage, Permits (410) 313-1771 Community Environmental Health Program (410) 313-1773
(410) 313-2640 TDD(410) 313-2323 TOLL FREE - 1-877-4MD-DHMH

MER



DEPARTMENT OF PLANNING & ZONING

Joseph W. Rutter, Jr., Director

August 9, 2001

Kamdim Shakoorzadeh
Mahnaz Bolori
12970 Brighton Dam Road
Clarksville, MD 21029

RE: F-01-134, Shakoorzadeh Property,
Letter of Correction

Dear Sir or Madam:

The purpose of this letter of correction is to advise you that the Land Records Office of Howard County has instructed us that the recording reference number previously assigned to your final subdivision plat was in error and that it has been revised to **Plat No(s). 14890**. We are sorry for any inconvenience that this error may have caused, however, it is important that you utilize the new plat number for future reference.

Prints of this final plat may be ordered at the Department of Planning and Zoning's public service desk between the hours of 8:00 a.m. and 5:00 p.m., Monday thru Friday. The cost for paper prints is \$0.90 per plat sheet. Please bring this letter with you when ordering prints.

Sincerely,

L. Kent Sheubrooks
L. Kent Sheubrooks
Division of Land Development

KS/DJ/f01134
cc: Research
DED
SHA
BOE
Real Estate Services, DPW
Environmental Health
State Department of Assessments and Taxation
Frederick Ward
Recreation & Parks
Finance