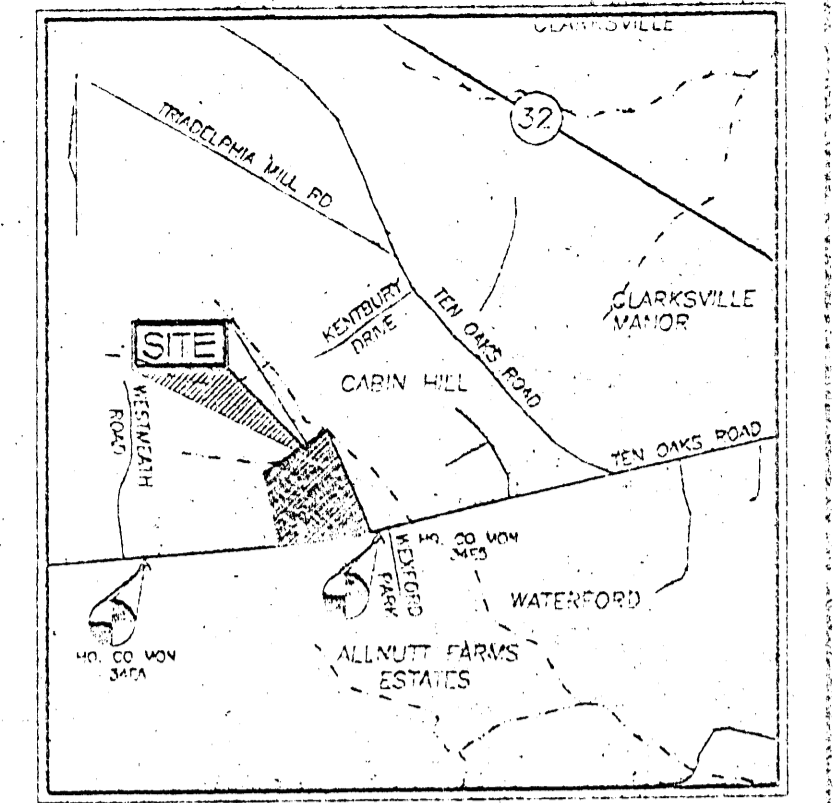


**LEGEND**

- EXISTING ELEVATION
- - - - - PROPOSED SEWERAGE SYSTEM
- PROPERTY LINE
- STALLWAY CENTERLINE
- ROAD CENTERLINE
- SO. 5' DIVISION LINE
- ROAD CURVE
- 1" CONTAINMENT AREA
- 1" 10' 0" DIVISION LINE

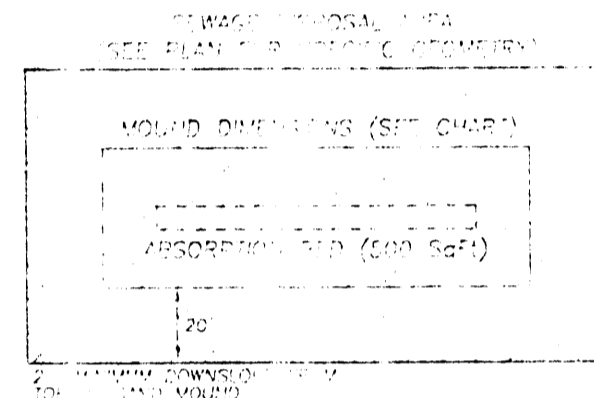
MD STATE GRID MERIDIAN (NAD 83)



**VICINITY MAP**  
SCALE: 1"=2000'

**GENERAL NOTES**

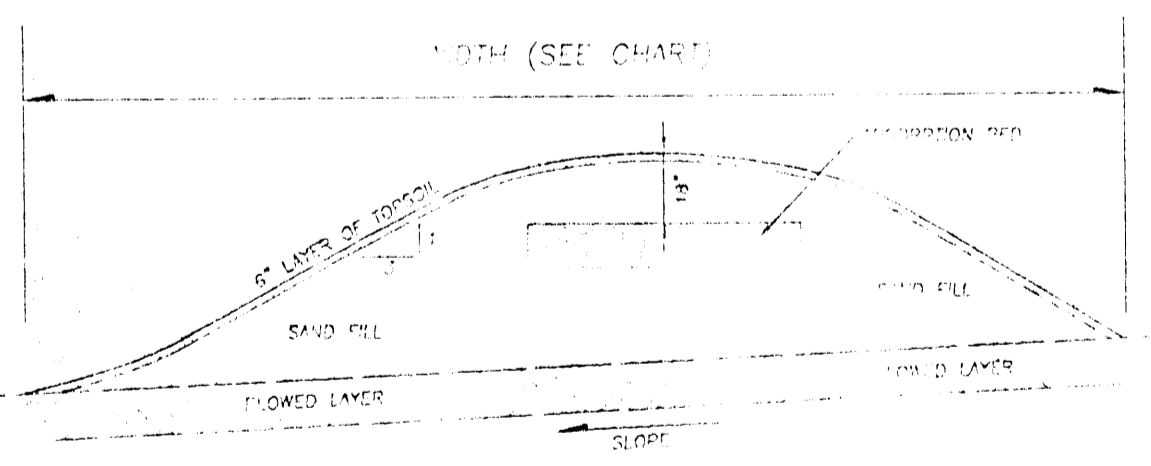
- NOTES:
1. THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY AND SUPPLEMENTED WITH HOWARD COUNTY DIGITAL TOPOGRAPHY.
  2. THE PROPERTY LINES SHOWN HEREON ARE BASED ON A DEED PLOTTING.
  3. ALL EXISTING SEPTIC AND WELL AREAS WITHIN 100 FEET OF THE SITE HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE.
  4. THE PURPOSE OF THIS PLAN IS TO PROVIDE A USABLE SEPTIC SYSTEM FOR EACH OF THE PROPOSED LOTS SHOWN HEREON.
  5. PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN AS FOLLOWS:
    - 5.1 PASSED PERCOLATION TEST HOLE (CONVENTIONAL SYSTEM)
    - 5.2 FAILED PERCOLATION TEST HOLE (CONVENTIONAL SYSTEM)
    - 5.3 PASSED PERCOLATION TEST HOLE (SAND MOUND SYSTEM)
    - 5.4 FAILED PERCOLATION TEST HOLE (SAND MOUND SYSTEM)
  6. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL UTILIZING SAND MOUND SEWERAGE SYSTEMS ONLY. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
  7. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
  8. SAND MOUND DETAIL PLAN TO BE SUBMITTED FOR REVIEW AND APPROVAL BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO SQUARE OF A BUILDING PERMIT FOR THE RESIDENCE.
  9. THE TYPICAL SAND MOUNDS SHOWN WERE SIZED FOR A 4 BEDROOM SINGLE FAMILY DWELLING WITH A SITE SLOPE OF 1%. ANY INCREASE IN THE NUMBER OF BEDROOMS FOR THE PROPOSED DWELLING WILL REQUIRE A REVISION TO THE SAND MOUND SITE AND DESIGN PLANS TO BE SUBMITTED FOR REVIEW BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO THE SQUARE OF A BUILDING PERMIT FOR THE RESIDENCE.
  10. THIS AREA DESIGNATES A MINIMUM 10,000 SQ FT PRIVATE SEWERAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
  11. THE PROPOSED WELL FOR LOT 3 TO BE DRILLED PRIOR TO RECORD PLAT APPROVAL.



**SAND MOUND DETAIL**

**MOUND DIMENSION CHART**

TYPE	NO. TO	MINIMUM DIMENSIONS	MINIMUM DIMENSIONS
1	1	6' X 2'	6' X 2'
2	2	6' X 2'	6' X 2'
3	3	6' X 2'	6' X 2'
4	4	6' X 2'	6' X 2'



**SAND MOUND CROSS SECTION**  
N.T.S.

NOTE:  
4 BEDROOM SINGLE FAMILY DWELLING USED FOR SIZING SAND MOUND



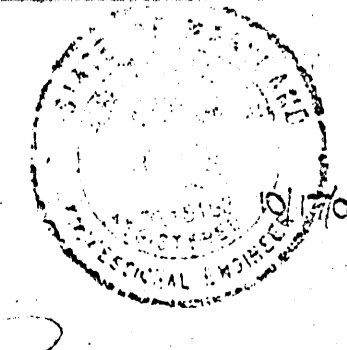
Ralph Mayne

OWNERS / DEVELOPERS  
KAMONT SHAKOORZADEH  
MANAGER BLDG CO.  
12970 BRIGHTON DAM ROAD  
CLARKSVILLE, MARYLAND 21029

**SHAKOORZADEH PROPERTY**  
**PERCOLATION CERTIFICATION**  
**PLAN**

TAX MAP #34 PARCEL 14  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VAVOGEL & ASSOCIATES**  
Professional Surveyors & Planners  
3591 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel: 410.651.5928 Fax: 410.455.2945



DESIGN BY: MDM  
DRAWN BY: MDM  
CHECKED BY: RLW  
DATE: OCTOBER 15, 2000  
SCALE: 1"=50'  
W.D. NO.: 99-53

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
*Travis Kleinfelder* 10/27/00  
COUNTY HEALTH OFFICER DATE

**SOILS LEGEND**

SYMBOL	NAME / DESCRIPTION	TEXT
Hg	HAMIL SILT LOAM	H
H6	HATFORD SILT LOAM	H
CH2	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPE, MODERATELY FERTILE	H
CH2	CHESTER SILT LOAM, 8 TO 10 PERCENT SLOPE, MODERATELY FERTILE	H
GA	GLENELD LOAM, 3 TO 3 PERCENT SLOPE	H
Ma2	MANDER GRAY CLAY LOAM, 8 TO 15 PERCENT SLOPE, MODERATELY FERTILE	H

NOTE: HOWARD SOIL SURVEY MAP NUMBER 23