



VICINITY MAP  
SCALE 1" = 2,000'  
ADC MAP 13, K-6

**BENCHMARK INFORMATION**

B.M.#1 - HOWARD COUNTY CONTROL STATION #28A '83  
(APPROX 100 FT. NORTH OF ANGUS COURT, ALONG THE EAST SIDE OF HIGHLAND ROAD)  
N 565,347.5364  
E 1,319,286.314  
ELEVATION = 537.999

B.M.#2 - HOWARD COUNTY CONTROL STATION # 0046 (MAD '83)  
(LOCATED ALONG THE SOUTH SIDE OF TRIADELPHIA ROAD, APPROX 20 FT. EAST OF HOUSE NO. 13471'S DRIVEWAY)  
N 564,468.9465  
E 1,318,237.4224  
ELEVATION = 560.442

**ADJOINER INFORMATION**

MAP No.	PARCEL	OWNER	ADDRESS	LIBER/FOLIO	PLAT No. LOT No.
34	8	NADVA A. TUAKLI	13170 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029	1410/036	NA
34	236	S. TURNER NICHOLS, TRUSTEE JANET D. NICHOLS, TRUSTEE	13270 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029	5045/538	NA
34	282	E. LON BRIGHTBILL AND NANCY L. BRIGHTBILL, T/E	14600 ANGUS COURT CLARKSVILLE, MD 21029	3097/269	7830 LOT 6
34	292	MICHAEL DOUGHERTY AND MADONNA LEE McDONALD	5520 E. SMALLWOOD COURT CLARKSVILLE, MD 21029	5041/156	7831 LOT 9
34	292	KANDICE G. KRISHNAMURTHY AND MANDEEP KRISHNAMURTHY	5535 NE SMALLWOOD COURT CLARKSVILLE, MD 21029	2435/136	7831 LOT 10
34	292	JOSEPH M. LAYUG AND LYNNE P. LAYUG	5525 NE SMALLWOOD COURT CLARKSVILLE, MD 21029	3722/098	7831 LOT 11
34	292	WILJAM L. STUTZ AND MARIE B. STUTZ, T/E	14606 ANGUS COURT CLARKSVILLE, MD 21029	4256/699	5398 LOT 20
28	308	JOHN A. RORSON AND ELIZABETH E. RORSON, T/E	13979 HIGHLAND ROAD CLARKSVILLE, MD 21029	4028/678	4535 LOT 4
34	340	THOMAS M. BRADFORD	13615 HIGHLAND ROAD CLARKSVILLE, MD 21029	0984/304	NA PAR 10
34	359	SAMUEL ROBERT TURNER AND RHONDA MARIE TURNER	13281 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029	3648/036	NA PAR "A"
34	359	JOE E. SPAIN AND BERTHA M. SPAIN, WF	13145 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029	0734/218	NA PAR "B"
34	365	ERIC S. CLAWSON AND KIMBERLY P. CLAWSON	13420 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029	2779/192	4435 LOT 1
34	395	YODANDA S. ELLIOTT	13351 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029	3026/503	6014 LOT 1
34	395	PATRICK F. MARLATT AND PATRICIA A. MARLATT, WF	13341 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029	1327/709	6014 LOT 2
34	395	SOHALA ALI HASSAN	13331 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029	5221/444	6014 LOT 3
34	395	RONALD GEORGE MITCHELL AND NANCY ELLEN MITCHELL	13285 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029	1617/583	7018 LOT 4
34	395	SUNEL K. BHARDWAJ AND SHAHZAD POURREZA-DJOURSHARI	13301 ELLIOTT DRIVE CLARKSVILLE, MD 21029	6112/244	7018 LOT 5

**GENERAL NOTES**

- The lots shown hereon comply with the minimum ownership width and lot area as required by the Maryland State Department of the Environment.
- This area designates a private sewage disposal easement of at least 10,000 s.f. for individual sewage disposal or 10,000 s.f. per lot for shared sewage disposal as required by the Maryland Department of the Environment. Improvements of any nature in this area are restricted. This easement shall become null and void upon connection to a public sewerage system. The county health officer shall have authority to grant adjustments to the private sewerage easement. Recordation of a revised sewerage easement shall not be necessary.
- Topography shown hereon is from aerial topography flown by McKenzie Synder, Inc. Oct. 15, 2007. Topography was field verified by Macris, Hendricks & Glascock in November, 2007. Contour interval = 2'
- Site is zoned RR-DEO.
- Lots 23, 30, 31, 32, and Buildable Preservation Parcel A are to be connected to the proposed shared septic system.
- The existing septic system located on Lot 28 shall be replaced prior to record plat signature.
- Septic Design Flow Calculation: 5 lots x 5 bedrooms each x 150 gallons per day = 3750 gallons per day.
- This property is exempt from groundwater appropriations as approved by the Maryland Department of the Environment (MDE).
- Existing dwelling and structures are to be removed prior to final plat approval and documentation provided to the health department.
- Existing wells and septic systems must be abandoned prior to final plat approval and documentation provided to the health department.
- All wells must be drilled prior to final plat approval. It is the developer's responsibility to drill the wells. It will not be considered government delay if the wells are not completed prior to record plat submittal.
- Any changes to a private sewage easement will require a revised percolation certification plan.
- The engineer has used all reasonable efforts to locate all surrounding wells and septic systems within 100 feet of the property boundaries, and all existing and proposed wells, septic systems and sewage disposal areas that are located within 200 feet down gradient of existing or proposed septic systems and sewage disposal easements.



**PLAN**  
SCALE: 1"=100'

I CERTIFY THAT THE INFORMATION HEREON IS BASED ON FIELD DATA GENERATED FROM HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH FILES FOR APPROVED PERCOLATION TESTS, AT THE MARTY HOWARD PROPERTY, NOW DUNFARMIN ESTATES. WATER WELL LOCATIONS WERE SELECTED BASED ON HOWARD COUNTY POLICY AND DISTANCE SPACING REQUIREMENTS.

*Rodolfo S. Serrano* 6-26-2007  
REGISTERED "SANITARIAN" # 197 DATE

PROFESSIONAL CERTIFICATION

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON THE APPROVED PERCOLATION CERTIFICATION PLAN, DATED 12-23-03, FOR MARTY HOWARD PROPERTY, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Steph E. C.* 06-19-09  
ENGINEER DATE

APPROVED: For Private Water, Private Sewer and Shared Septic Systems serving Lots 23, 30-32 and Buildable Preservation Parcel A. Use of the shared systems is in conformance with the County Plan. Howard County Department of Public Works

HOWARD COUNTY HEALTH OFFICER DATE

**OWNER:**  
MARTY A. HOWARD  
P.O. BOX 740  
CLARKSVILLE, MD. 21029

**DEVELOPER:**  
CHURCHILL GROUP  
5 CHOKE CHERRY ROAD, SUITE 360  
ROCKVILLE, MD 20850  
PH: (240) 243-1000  
FAX: (240) 243-0715  
Attn: Bill Wogatske

**REVISED PERCOLATION CERTIFICATION PLAN**  
LOTS 23-32, BUILDABLE PRESERVATION PARCEL A  
AND NON-BUILDABLE PRESERVATION PARCEL B  
**DUNFARMIN ESTATES**  
FORMERLY KNOWN AS MARTY A. HOWARD PROPERTY  
5TH ELECTION DISTRICT - HOWARD COUNTY - MARYLAND

**Macris, Hendricks & Glascock, P.A.**  
Engineers ■ Planners  
Landscape Architects ■ Surveyors

9220 Wightman Road, Suite 120  
Montgomery Village, Maryland  
20886-1279

Phone 301.670.0840  
Fax 301.948.0893  
www.mhga.com

Proj. Mgr. RJB Designer RJB  
Date 11/12/2008 Scale 1"=100'  
Project No. 07.190.10 Sheet 1 of 1

**SOILS LEGEND**

MAP SYMBOL/SOIL GROUP	SOIL TYPE
CgB2	B CHESTER GRAVELLY SILT LOAM, 3 TO 8 % SLOPES, MODERATELY ERODED
ChB2	B CHESTER SILT LOAM, 3 TO 8 % SLOPES, MODERATELY ERODED.
ChC2	B CHESTER SILT LOAM, 8 TO 15 % SLOPES, MODERATELY ERODED.
G1A	B GLENELG LOAM, 0 TO 3 % SLOPES
G1B2	B GLENELG LOAM, 3 TO 8 % SLOPES, MODERATELY ERODED
G1C2	B GLENELG LOAM, 8 TO 15 % SLOPES, MODERATELY ERODED
GnB2	C GLENVILLE SILT LOAM, 3 TO 8 % SLOPES, MODERATELY ERODED
MgC2	C MONTALTO SILTY CLAY LOAM, 8 TO 15 % SLOPES, SEVERELY ERODED

\* INDICATES HYDRIC SOILS  
TAKEN FROM SOILS SURVEY, ISSUED JULY 1988, MAP NO. 7

- LEGEND**
- P6 PASSED PERCOLATION TEST
  - P39 FAILED PERCOLATION TEST
  - PROPOSED STRUCTURE
  - SOILS DELINEATION
  - CgB2 SOILS CLASSIFICATION
  - 1500 S.F. WELL ZONE
  - PROPOSED WELL
  - EXISTING WELL
  - PROPOSED CONTOUR
  - EXISTING CONTOUR
  - EXISTING STRUCTURE
  - EXISTING SEPTIC FIELD
  - PROPOSED SEPTIC EASEMENT

APPROVED: DEPARTMENT OF PUBLIC WORKS

Chief, Bureau of Highways Date

APPROVED: DEPARTMENT PLANNING AND ZONING

Chief, Division of Land Development Date

Chief, Development Engineering Division Date

Call "Miss Utility"  
Telephone 1-800-257-7777  
For Utility Locations At  
Least 48 Hours Before  
Beginning Construction