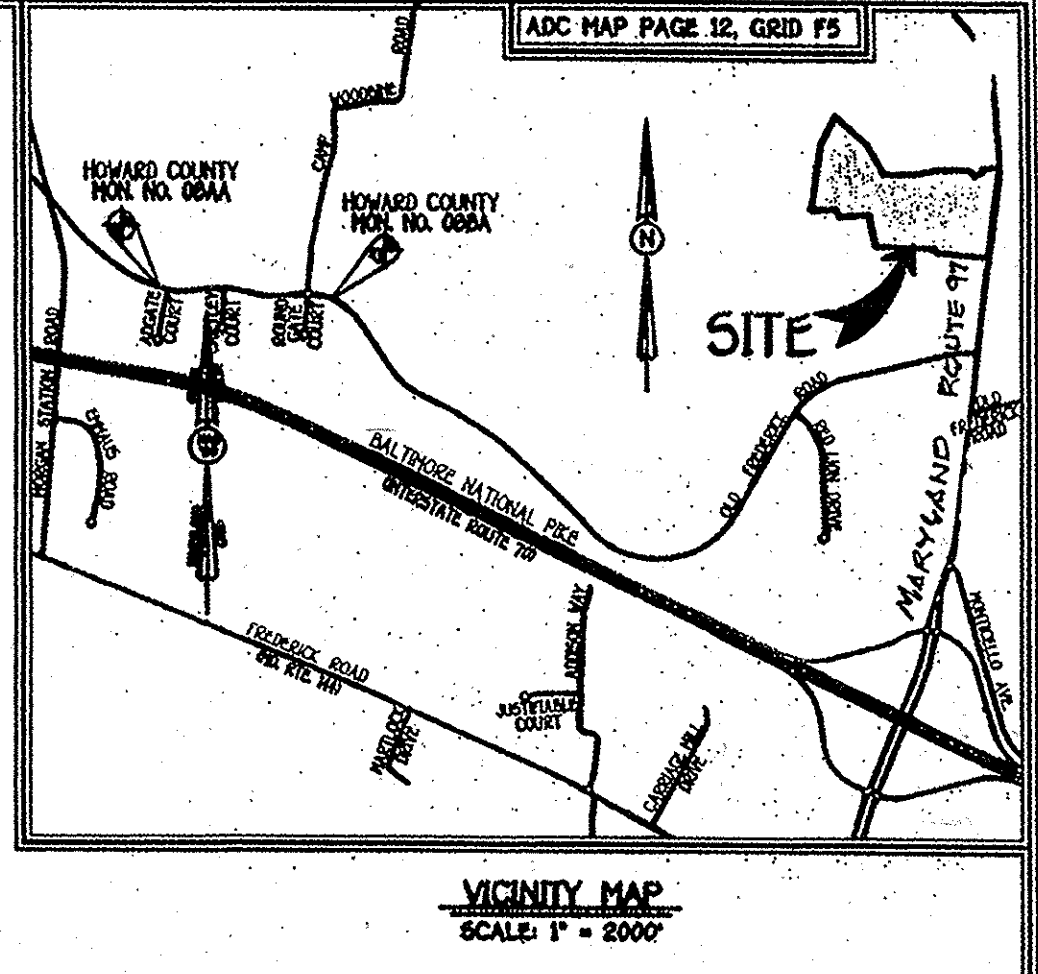


PERMIT INFORMATION BLOCK SDP-10-104

SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL #
PROPERTY OF QUARTZ HILL	N/A	PARCEL 401 (PARCEL #)
PLAT NO. 21308-21310	TAX MAP 8	ELECTION DIST. 4
BLOCK 5	MAP 8	TRACT 6040
WATER CODE N/A	SEWER CODE N/A	

ADDRESS CHART

Lot No.	STREET ADDRESS
PARCEL #1	#1000 ROUTE 97



- Project Notes -**
- The proposed development project will create a 16.77 ac Forest Conservation (Retention) Bank.
 - The property is part of parcel # 401 on Howard County tax map 8. The property is recorded in Liber 11773, Folio 402.
 - The property is zoned RC-DEO.
 - Any Forest Conservation Easement (FCE) area shown herein is subject to protective covenants which may be found in the Land Records of Howard County which restrict the disturbance and use of these areas.
 - Proposed areas occurring outside of the FCE shall not be considered part of the FCE and shall not be subject to protective covenants.
 - There shall be no clearing, grading, construction or disturbance of vegetation in the Forest Conservation Easement, except as permitted by Howard County DPZ.
 - No stockpiles, parking areas, equipment-clearing areas, etc. shall occur within areas designated as Forest Conservation Easements.
 - Temporary fencing shall be used to protect forest resources during future construction projects. The fencing shall be placed along all FCE boundaries that occur within 50 feet of the proposed limits of disturbance.
 - Permanent protective signage shall be installed along the boundary of the Forest Conservation Easement. Signs shall be installed at 50-100 foot intervals and at angles along the outside perimeter of the easement.
 - No existing structures exist on site.
 - No debris, dumping etc. exists within the Forest Conservation Easement, or if it does, that it will be cleaned prior to the recording of this easement.

Forest Conservation Easement

Unauthorized disturbances of vegetation is prohibited. Violators are subject to fines as imposed by the Maryland Forest Conservation Act of 1991.

Trees for Your Future

GENERAL NOTES (CONTINUED)

12. The site is exempt from Forest Conservation requirements because there are no improvements and this SDP establishes a Forest Retention Bank.

- Forest Retention Management Notes**
- Any proposed future activities shall adhere to the conditions, schedules and terms of an approved sediment control and erosion plan.
 - After the boundaries of the retention area have been staked and flagged and before any disturbance has taken place on-site, any future construction on the site will require a preconstruction meeting at the construction site in which the developer, contractor or project manager, and appropriate County inspectors shall attend.
 - Tree protection for all retained areas:
 - All retention areas within 50 feet of proposed construction activities shall be protected by highly visible, well maintained temporary protection devices (felt fence or blue orange plastic mesh).
 - All protection devices shall be in place prior to any grading or land clearing.
 - All protection devices shall be properly maintained and shall remain in place until construction has ceased.
 - Attachment of signs, fencing or other devices to trees is prohibited.
 - No equipment, machinery, vehicles, materials or excessive pedestrian traffic shall be allowed within protected areas.
 - If the critical root zone is affected by any future construction activities, such as grade change, digging for foundations and roads or utility installation:
 - Expose roots with a clean cut using proper pruning equipment.
 - Water and fertilize as needed.
 - During any future construction on the site, monitor and correct condition of retained trees for soil compaction, root injury, root conditions, drought conditions, and other stress factors.
 - After any future construction is completed, the following procedures and protections shall occur:
 - Inspect existing trees around the perimeter of disturbed limits for evidence of soil compaction, root injury, limb injury or other stress signs and correct with proper management techniques such as rooter limb pruning, soil aeration, fertilization, crown reduction, or watering. Inspection and evaluation shall be performed by a licensed arborist.
 - Inspect for dead or dying trees or limbs, which may pose safety hazard and remove.
 - No burial of discarded materials will occur onsite within the conservation areas.
 - No burning within 500 feet of wooded area.
 - Any temporary forest protection structures will be removed after construction.
 - Following completion of construction, prior to use, the County Inspector shall inspect the entire area.

FCE/BANK SALES ACREAGE CHART (15.77 AC. TOTAL)

SALE	RETENTION OBSERVATION	PROJECT NAME	HOWARD COUNTY FILE NO.	REMAINING ACREAGE
1	2.78	K.W. Dorsey Prop.	F-08-159	12.99
2	1.00	Slusher Prop.	F-08-180	11.99
3	1.78	Abbeyfield Ind. Development	F-12-043	9.87
4	4.35	Normandy Oaks	F-12-028	5.49
5	0.80	Rentto Property	F-12-040	4.69
6	0.83	Quartz Hill Estate (P&U)	GP-13-078	3.86
7	0.16	Hawkfield Estates, LLC	F-14-021	3.70
8	3.52	Harbin Acres	F-12-046	1.18
9	1.18	Greystwood	F-15-	0.00

FOREST STAND ANALYSIS TABLE

Map Unit Symbol	Map Unit Name	Map Unit Description	Map Unit Slopes
GgB	Glenyle loam, 3 to 8 percent slopes	Good	1.0 Slopes
GgC	Glenyle loam, 8 to 15 percent slopes	Good	1.0 Slopes
GmC	Glenyle silt loam, 8 to 15 percent slopes	Good	1.5 Slopes
GnB	Glenyle-Slate silt loam, 0 to 8 percent slopes	Good	1.5 Slopes
MaB	Manor loam, 3 to 8 percent slopes	Good	1.5 Slopes
MaC	Manor loam, 8 to 15 percent slopes	Good	1.5 Slopes
MaD	Manor loam, 15 to 25 percent slopes	Good	1.5 Slopes

Map Unit Legend

Map Unit Symbol	Map Unit Name
GgB	Glenyle loam, 3 to 8 percent slopes
GgC	Glenyle loam, 8 to 15 percent slopes
GmC	Glenyle silt loam, 8 to 15 percent slopes
GnB	Glenyle-Slate silt loam, 0 to 8 percent slopes
MaB	Manor loam, 3 to 8 percent slopes
MaC	Manor loam, 8 to 15 percent slopes
MaD	Manor loam, 15 to 25 percent slopes

Project Name: Quartz Hill LLC

Map Unit	Area	Soil	Slopes	Notes
F1	Mixed Oak	11.3	G-C	upland hardwood
			Ma-C	upland hardwood
			Ma-D	upland hardwood
			G-C	good
			G-C	good
			Ma-D	fair
F2	Scattered	4.4	Gn-B	upland hardwood
			G-C	good
			Ma-D	fair

MD DNR Qualified Professional
USACOE Wetland Delineator
Registration # WD0000000000000000

FISHER, COLLINS & CARTER, INC.
ENGINEERING CONSULTANTS & LAND SURVEYORS
15930 North Avenue, P.O. Box 482, Libson, Maryland 21765
(410) 489-7900

Developer: Heritage Land Development, Inc.
15930 North Avenue, P.O. Box 482, Libson, Maryland 21765
(410) 489-7900

Owner: Quartz Hill LLC
c/o Goodier Builders, Suite 350, 10705 Charter Drive, Columbia, Maryland 21041-2995
(410) 977-7501

APPROVED: DEPARTMENT PLANNING AND ZONING

Thomas S. Butler DIRECTOR 10/20/10
West DeLund 10/19/10
CHIEF, DIVISION OF LAND DEVELOPMENT

Alan D. ... 10/18/10
CHIEF, DEVELOPMENT ENGINEERING DIVISION

REVISIONS

NO.	DATE	REVISION
9	10/17/10	Rev. L18 Ac Forest Retention for Part of Total Obligation for Greystwood, F-15-
8	11/7/09	Rev. 2.52 Ac Forest Retention for Harbin Acres, F-12-046
7	9/19/13	Rev. 0.16 Ac Forest Retention for Hawkfield Estates, LLC (F-14-021)
6	7/1/13	Rev. 0.83 Ac Forest Retention for Quartz Hill Estate (P&U)
5	4/29/13	Rev. Outline of FCE A and B to Create A-C-1 and B-C-1
4	3/20/13	Rev. 0.20 Ac Forest Retention for Greystwood, F-15-
3	11/21/12	Rev. 4.35 Ac Forest Retention for Normandy Oaks, F-12-028
2	11/21/12	Rev. 1.78 Ac Forest Retention for Abbeyfield Ind. Development, F-12-043
1	11/21/12	Rev. 1.00 Ac Forest Retention for Slusher Prop., F-08-180

SITE DEVELOPMENT PLAN
Simplified Forest Stand Delineation & Forest Retention Bank Creation Plan

Property of Quartz Hill, LLC
LIBER 11773, Folio 402

TAX MAP 8 ZONED RC-DEO PARCEL 401 (Parcel #1)
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: July 23, 2010
SHEET 1 OF 1

SDP-10-104