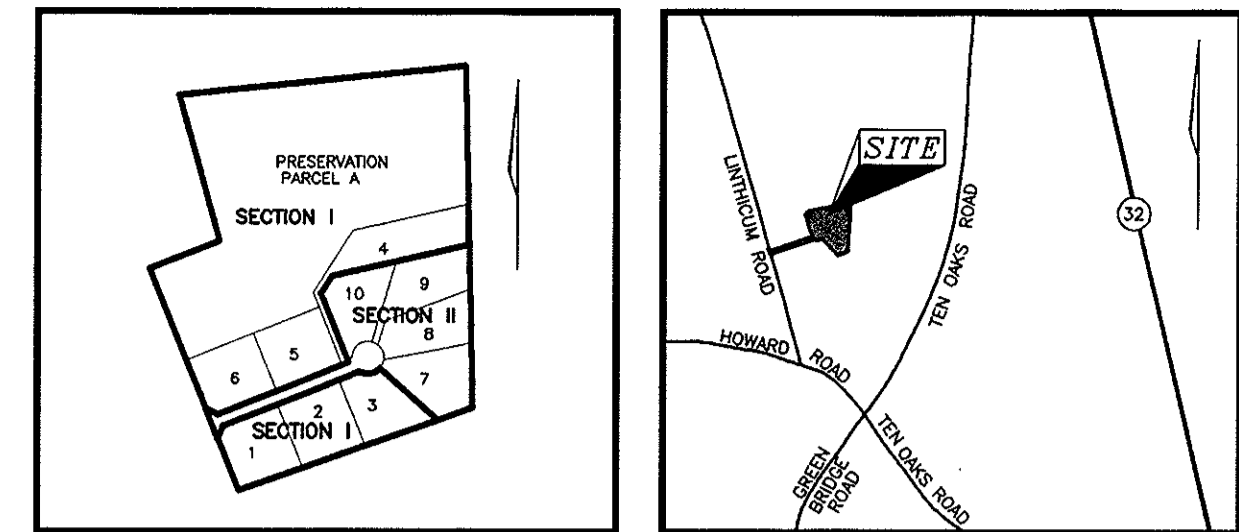


CENTERLINE CURVE DATA CHART					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING
C1	300.00'	82.76'	41.65'	82.50'	S60°13'56"W
					DELTA 15°48'24"

COORDINATE CHART		
NO.	NORTH	EAST
1	574451.1375	1315842.4158
2	574811.2922	1315681.9579
3	574598.4452	1315606.7144
4	574597.4863	1315586.4185
5	574585.7034	1315560.4638
6	574430.2829	1315173.1490
7	574393.8392	1315157.5777
8	574482.9781	1315121.8058
9	574467.4056	1315158.2525
10	574522.8261	1315543.5674
11	574631.1647	1315563.7714
12	574845.5156	1315477.7574
13	574899.4203	1315512.1135
14	574997.9001	1315938.8677
15	574489.5975	1315850.4407

MINIMUM LOT AREA CHART			
LOT NO.	GROSS AREA	PIPE STEM AREA	NET LOT AREA
9	41,660	1,524	40,136

(ALL AREAS SHOWN ABOVE ARE IN SQUARE FEET.)



LOCATION MAP  
SCALE: 1"=600'

VICINITY MAP  
SCALE: 1"=2000'

**GENERAL NOTES**

- ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- PROJECT BACKGROUND: LOCATION: TAX MAP 28 BLOCK 1 PARCEL 4 1ST ELECTION DISTRICT ZONING: RR TOTAL TRACT AREA: 4.429 AC. NUMBER OF PROPOSED LOTS: 5 SFD DATE SKETCH PLAN APPROVED: JULY 9, 1998 APPLICABLE DPZ FILE NUMBERS: S-98-10, WP-98-111, F-98-04, F-99-39
- TRACT BOUNDARY ESTABLISHED BY A BOUNDARY SURVEY BY J.E. CLARK COMPANY AND VERIFIED BY VOGEL & ASSOCIATES, INC. DATED SEPTEMBER, 1998.
- TOPOGRAPHY BASED ON A FIELD RUN SURVEY PREPARED BY VOGEL & ASSOCIATES, INC. DATED OCTOBER, 1998. CONTOUR INTERVAL IS 2 FEET.
- COORDINATES: HORIZONTAL DATUMS BASED ON NAD 83 MD. CO. GEODETIC CONTROL STATIONS 0034 AND 2841
- WATER AND SEWER FOR THIS PROJECT WILL BE PRIVATE.
- EXISTING UTILITIES WERE LOCATED PER COUNTY DRAWINGS AND FIELD RUN SURVEY.
- STORMWATER MANAGEMENT METHOD: EXTENDED DETENTION OF 1 YR.(WATER QUALITY), 2 YR. AND 10 YR. STORMS. THE FACILITY IS TO BE PRIVATELY OWNED AND JOINTLY MAINTAINED BY HOWARD COUNTY AND THE HOMEOWNERS ASSOCIATION.
- FOREST CONSERVATION PLAN PREPARED BY EXPLORATION RESEARCH, INC. DATED SEPTEMBER, 1998.
- A TRAFFIC STUDY WAS APPROVED(S-98-10) FOR THIS PROJECT.
- THERE IS NO FLOODPLAIN ON SITE.
- GEOTECHNICAL REPORT PROVIDED BY HERBST/BENSON & ASSO. DATE OCTOBER, 1998.
- ALL LANDSCAPING REQUIREMENTS, AS SET FORTH IN THE LANDSCAPE MANUAL, FOR SECTION 1 AND SECTION 2 SHALL BE COMPLIED WITH UNDER SECTION 2. FINANCIAL SURETY FOR THE REQUIRED PERIMETER LANDSCAPING WILL BE POSTED AS PART OF THE D.P.W. DEVELOPER'S AGREEMENT.
- STREET LIGHTS ARE NOT REQUIRED FOR THIS PROJECT.
- THIS PLAN IS SUBJECT TO WP-98-111, APPROVED JUNE 4, 1998, TO WAIVE SECTION 16.120(C)(2) AND SECTION 16.144(F) OF THE HOWARD COUNTY SUBDIVISION REGULATIONS FOR PHASE ONE ONLY, SUBJECT TO THE FOLLOWING:  
THE OWNERS OF LOTS 1-3, 5 AND 6 MUST JOIN IN THE RESUBDIVISION OF NON-BUILDABLE PRESERVATION PARCEL B TO OBTAIN PUBLIC ROAD FRONTAGE, AND TO RELINQUISH THEIR USE-IN-COMMON ACCESS AND MAINTENANCE AGREEMENT.
- ALL WELLS TO BE DRILLED PRIOR TO RECORD PLAT SUBMITTAL.
- ALL EXISTING WELLS AND SEPTIC AREAS WITHIN 100' OF THE SITE HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE.
- ROAD CONSTRUCTION, LANDSCAPING, STORMWATER MANAGEMENT AND SEDIMENT CONTROL ARE PROVIDED FOR BOTH SECTIONS UNDER SECTION 2.
- BASED ON A FIELD INVESTIGATION BY EXPLORATION RESEARCH, INC. DATED SEPTEMBER, 1998 THERE ARE NO WETLANDS ONSITE.

**SITE DATA TABULATION**

- GENERAL SITE DATA**
- PRESERVE ZONING: RR-DEO
  - APPLICABLE DPZ FILE REFERENCES: S-98-10, WP-98-111, F-98-04, F-99-39
  - PROPOSED USE OF SITE: 4 SFD HOMES
  - PROPOSED WATER AND SEWER SYSTEMS: PRIVATE
- AREA TABULATION**
- TOTAL AREA OF SITE: 4.429 AC.
  - AREA OF 100 YEAR FLOODPLAIN: N/A
  - AREA OF STEEP SLOPES(25% OR GREATER): N/A
  - AREA OF THIS PLAN SUBDIVISION: 4.429 AC.
  - APPROXIMATE LIMIT OF DISTURBANCE: 1.5 AC.
  - AREA OF PROPOSED BUILDABLE LOTS: 3.789 AC.
  - AREA OF PROPOSED OPEN SPACE LOTS: N/A
  - AREA OF PROPOSED PUBLIC ROAD R/W DEDICATION: 0.640 AC.
- LOT TABULATION**
- TOTAL NUMBER OF RESIDENTIAL LOTS: 4
  - TOTAL NUMBER OF OPEN SPACE LOTS: 0
  - TOTAL NUMBER OF LOTS: 4
- DENSITY/YIELD TABULATION**
- TOTAL AREA OF PARCEL: 28 AC. / 2 = 13 UNITS MAX YIELD  
28 / 4.25 = 6 UNITS YIELD BY RIGHT  
(4 UNITS UTILIZED BY ALLEN'S ACRES PLAT NO. 12966)  
(2 UNITS UTILIZED BY HOLLY CREST SECTION I F-99-39)  
(3 DEO UNITS REQUIRED BY THE CREATION OF HOLLY CREST SECTION I F-99-39)  
(4 DEO UNITS REQUIRED BY THE CREATION OF BY HOLLY CREST SECTION II

**SCHEDULE D  
STORMWATER MANAGEMENT AREA LANDSCAPING**

LANDSCAPE TYPE	B
TOTAL LINEAR FEET OF PERIMETER	460
NUMBER OF TREES REQUIRED	9
SHADE TREES(1:50)	11
EVERGREEN TREES(1:40)	
CREDIT FOR EXISTING VEGETATION LINEAR FEET	NO
CREDIT FOR OTHER LANDSCAPING	NO
NUMBER OF PLANTS PROVIDED AT FINAL PLAN STAGE	
SHADE TREES(1:50)	9
EVERGREEN TREES(1:40)	11
SHRUBS(10:1 TREE SUBSTITUTION)	0

**SCHEDULE A  
PERIMETER LANDSCAPE EDGE**

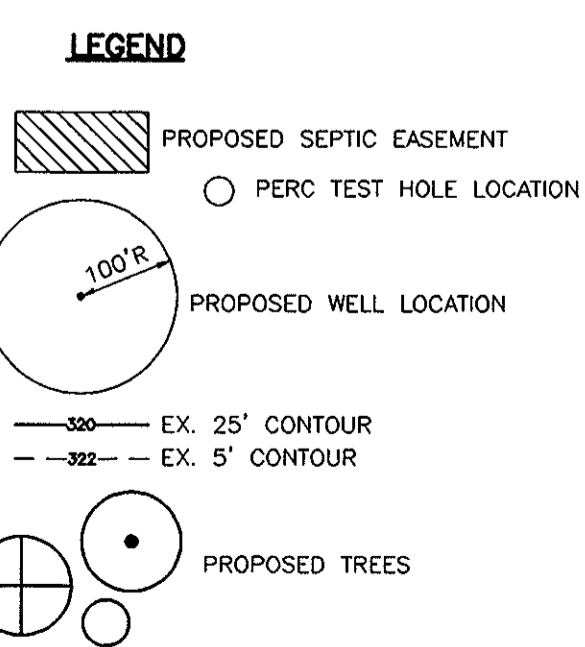
LANDSCAPE EDGE	1					2					3					4					5				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
LANDSCAPE TYPE	A	A	A	A	B	A	A	A	A	B	A	A	A	A	B	A	A	A	A	B	A	A	A	A	B
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	772	632	595	445	341	772	632	595	445	341	772	632	595	445	341	772	632	595	445	341	772	632	595	445	341
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
NUMBER OF PLANTS REQUIRED																									
SHADE TREES (1:60)	13	10	10	7	6	13	10	10	7	6	13	10	10	7	6	13	10	10	7	6	13	10	10	7	6
EVERGREEN TREES (1:40)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHRUBS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NUMBER OF PLANTS TO BE PROVIDED AT FINAL PLAN STAGE																									
SHADE TREES (1:60)	13	10	10	7	6	13	10	10	7	6	13	10	10	7	6	13	10	10	7	6	13	10	10	7	6
EVERGREEN TREES (1:40)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TREES (2:1 SUBSTITUTION)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHRUBS (10:1 SUBSTITUTION)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND  
ZONING  
HOWARD COUNTY

*Handwritten signature and date: 4/20/99*

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS.

*Handwritten signature and date: 4/5/99*  
HOWARD COUNTY HEALTH OFFICER CW DATE



PARCEL 222  
CHARLES S. WHITAKER  
L.811 / F.528  
ZONED: RR

PARCEL 219  
ROBERT E. SHIELDS  
LORETTA H. SHIELDS  
L.1418 / F.64  
ZONED: RR

PARCEL 223  
MICHAEL C. MACHURRAY  
L.648 / F.320  
ZONED: RR

PARCEL 168  
RONALD L. UPCHURCH  
SHARON P. UPCHURCH  
L.2375 / F.244  
ZONED: RR

**OWNER/DEVELOPER**  
GREG CARPENTER  
P.O. BOX 440  
CLARKSVILLE, MARYLAND 21029

**HOLLY CREST  
SECTION II, LOTS 7 - 10  
A RESUBDIVISION OF BULK PARCEL B  
PRELIMINARY PLAN**

DPZ FILE # S-98-10, WP-98-111, F-98-04, F-99-39  
TAX MAP #28 PARCEL #4 BLOCK #1  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
ENGINEERS/SURVEYORS/PLANNERS  
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.9828 Fax 410.465.3966

DESIGN BY: J.C.O.  
DRAWN BY: J.C.O.  
CHECKED BY: R.H.V.  
DATE: OCTOBER 30, 1998  
SCALE: 1"=50'  
W.O. NO.: 97-90

