

SHEET INDEX	
SHT. No.	DESCRIPTION
1	TITLE SHEET
2	PRELIMINARY PLAN
3	DRAINAGE AREA MAP, SCHEMATIC GRADING AND SEDIMENT CONTROL PLAN
4	FOREST CONSERVATION PLAN

U.S. EQUIVALENT COORDINATE TABLE			
POINT	NORTH	EAST	
123	592,863.6337	1,367,333.6777	
125	592,871.7095	1,367,199.7931	
142	592,861.8467	1,367,187.1417	
134	592,860.5286	1,367,580.1498	
133	592,479.1057	1,367,575.1903	
560	592,465.1953	1,367,481.4172	
563	592,376.7978	1,367,581.6442	
915	593,143.3016	1,367,178.4663	
913	593,147.3602	1,367,657.4066	
912	593,156.6844	1,367,576.4223	
980	593,227.3364	1,367,591.9625	
317	593,256.9645	1,367,597.2344	
274	593,267.5865	1,367,629.8684	
326	593,290.7372	1,367,615.0333	
290	593,297.3065	1,367,525.9000	
292	593,299.9197	1,367,557.2444	
991	593,235.90	1,367,582.83	
911	593,162.89	1,367,536.83	
921	593,192.90	1,367,599.50	

# PRELIMINARY PLAN

# ROCKY GLEN SUBDIVISION

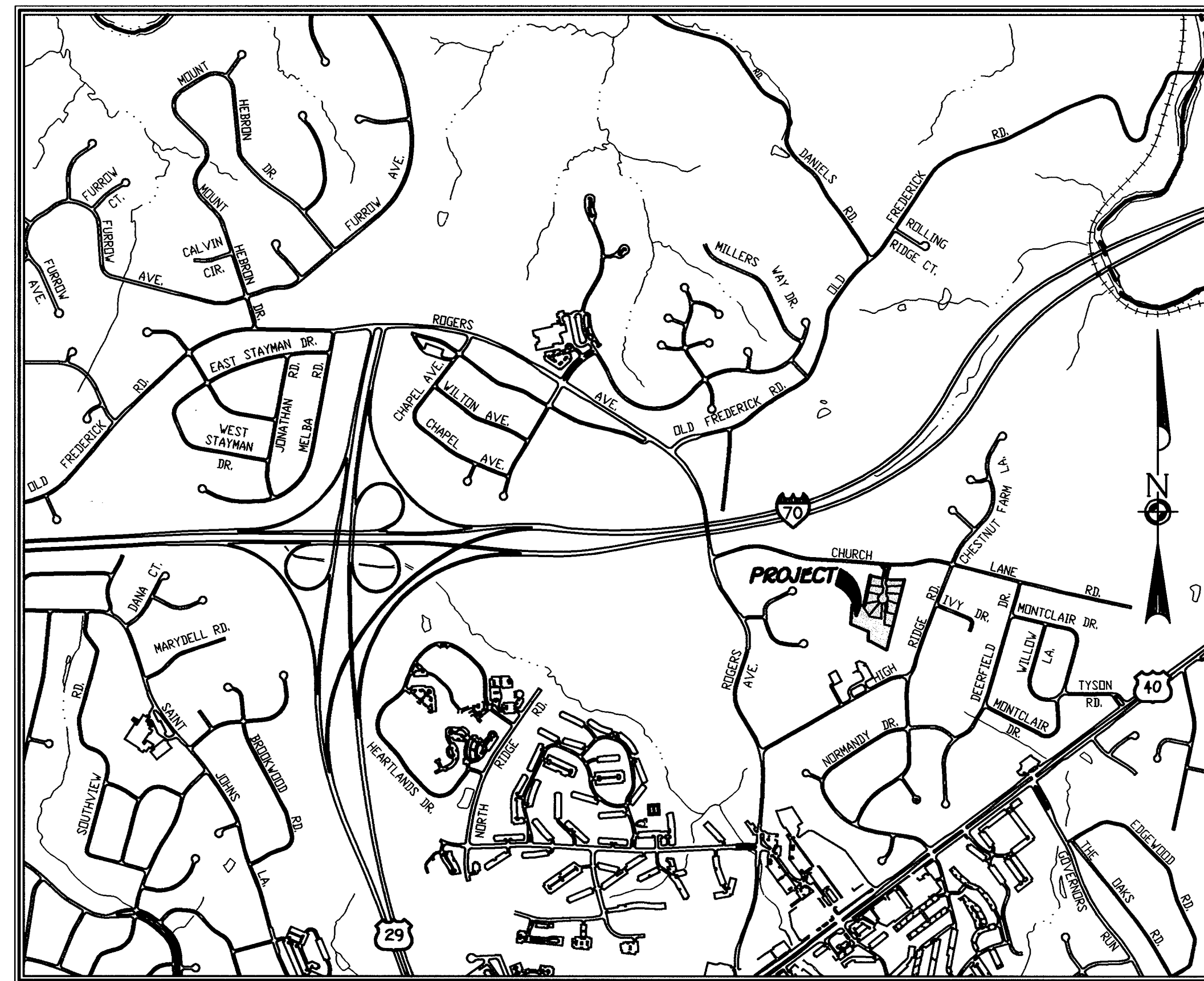
(A RESUBDIVISION OF LOT 4, "PROPERTY OF ROCKY GLEN, L.L.C.", LOTS 3 AND 4, PLAT NO. 14565)

LOTS 5 THRU 15

ZONED: R-20

TAX MAP NO. 18 GRID NO. 13 PARCEL NO. 41

MINIMUM LOT SIZE CHART			
LOT No.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
11	16,538 Sq.Ft.	2,151 Sq.Ft.	14,387 Sq.Ft.
12	14,156 Sq.Ft.	150 Sq.Ft.	14,006 Sq.Ft.



VICINITY MAP  
SCALE: 1" = 1200'

SCHEDULE D STORMWATER MANAGEMENT AREA LANDSCAPING					
LINEAR FEET OF PERIMETER	D1: 229'	D2: 250'	D3: 111'	D4: 213'	
NUMBER OF TREES REQUIRED:					
SHADE TREES	5	5	5	5	
EVERGREEN TREES	6	7	6	6	
CREDIT FOR EXISTING VEGETATION (NO, YES AND X)	YES (70')	NO	YES (111')	NO	
CREDIT FOR OTHER LANDSCAPING (NO, YES AND X)	NO	NO	NO	NO	
NUMBER OF TREES PROVIDED:					
SHADE TREES	4	5	0	5	
EVERGREEN TREES	6	7	0	6	
OTHER TREES (2:1 SUBSTITUTION)	-	-	-	-	

SCHEDULE A PERIMETER LANDSCAPE EDGE								
PERIMETER	CATEGORY (PROPERTIES/ROADWAYS)	LANDSCAPE TYPE	LINEAR FEET OF ROADWAY FRONTAGE PERIMETER	CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	SHADE TREES	EVERGREEN TREES	SHRUBS
P-1	ADJACENT TO PERIMETER	A	677.01'	NO	NO	11	-	-
P-2	ADJACENT TO PERIMETER	A	310.97'	YES (101.53')	NO	4	-	-
P-3	ADJACENT TO PERIMETER	A	210.24'	YES (210.24')	NO	0	-	-
P-4	ADJACENT TO PERIMETER	A	134.13'	YES (134.13')	NO	0	-	-
P-5	ADJACENT TO PERIMETER	A	335.86'	NO	NO	6	-	-

## SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

### GENERAL NOTES

- THE SUBJECT PROPERTY IS ZONED R-20 PER COMPREHENSIVE ZONING EFFECTIVE OCTOBER 18, 1993. SEE HOWARD COUNTY FILE NUMBER 5 99-19 FOR PAST PROJECT HISTORY.
- THIS PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY SUBDIVISION STANDARDS
- SITE DATA:
  - CURRENT ZONING: R-20 (14,000 SQ. FT. LOT SIZE OPTION)
  - LOCATION: ON CHURCH LANE APPROX. 700 FEET WEST OF HIGH RIDGE ROAD.
  - TAX MAP NO.: 18
  - GRID NO.: 13
  - PARCEL Nos.: 41 AND 282
  - ELECTION DISTRICT: SECOND
- AREA TABULATION:
  - GROSS AREA OF TRACT: 6.510 AC.\*
  - AREA OF PUBLIC ROAD R/W: 0.525 AC.\*
  - AREA OF BUILDABLE LOTS: 3.282 AC.\*
  - AREA OF OPEN SPACE LOT 10: 2.703 AC.\*
- LOT TABULATION:
  - TOTAL NUMBER OF PROPOSED LOTS: 11
  - NUMBER OF BUILDABLE LOTS: 10
  - NUMBER OF OPEN SPACE LOTS: 1
- OPEN SPACE TABULATION:
  - AREA OF R-ED PROPERTY FROM RECORD PLAT NO. 14565 (700-172) WHEREBY OPEN SPACE WAS DEFERRED UNTIL THE RESUBDIVISION OF LOT 4, ROCKY GLEN SUBDIVISION. LOT AREA = 0.309 AC.\* ROADWAY DEDICATION AREA = 0.242 AC.\* TOTAL AREA = 0.551 AC. x 250' = 0.138 AC.\*
  - AREA OF R-20 PROPERTY FROM RECORD PLAT NO. 14565 (700-172) WHEREBY OPEN SPACE WAS DEFERRED UNTIL THE RESUBDIVISION OF LOT 4, ROCKY GLEN SUBDIVISION. LOT AREA = 0.079 AC.\* ROADWAY DEDICATION AREA = 0.025 AC.\* TOTAL AREA = 0.104 AC. x 300' = 0.031 AC.\*
  - A FEE-IN-LIEU OF OPEN SPACE IN THE AMOUNT OF \$1,500.00 WAS PROVIDED FOR LOT 2, PLAT NO. 14555 (700-172). LOT 1 WAS EXEMPT FROM THE OPEN SPACE OBLIGATION.
  - AREA OF RESUBDIVISION OF LOT 4 (6.510 AC. x 300') = 1.953 AC.\*
  - TOTAL AREA OF REQUIRED OPEN SPACE = (0.138 AC. + 0.031 AC. + 1.953 AC.) = 2.122 AC.\* PROVIDED OPEN SPACE
    - AREA OF CREDITED OPEN SPACE PROVIDED (LOT 10) = 2.703 AC.\*
- THE PROPOSED WATER AND SEWER SYSTEMS SHALL BE PUBLIC.
- THE SUBJECT PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT.
- EXISTING UTILITIES SHOWN HEREON ARE TAKEN FROM CURRENT HOWARD COUNTY CONTRACT DRAWINGS.
- TOPOGRAPHIC INFORMATION IS BASED ON FIELD RUN SURVEY BY FISHER, COLLINS & CARTER, INC. ON OR ABOUT APRIL, 1999.
- THERE ARE NO STEEP SLOPES WITH CONTIGUOUS AREAS OF 20,000 SQ.FT. OR GREATER ON THIS SITE.
- WETLAND AND FOREST STAND DELINEATION INFORMATION WAS TAKEN FROM REPORTS PREPARED BY EXPLORATION RESEARCH, INC. DATED MAY, 1999 AND APPROVED UNDER 5 99-19.
- A.P.F.O. TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP, INC. DATED JAN. 29, 1999 AND APPROVED UNDER 5 99-19.
- SKETCH PLAN SUBJECT TO PLANNING BOARD CASE NO. 340. THE DECISION AND ORDER GRANTING APPROVAL TO THIS SKETCH PLAN WAS ON JANUARY 26, 2000. FILE NO. 5 99-19.
- SOILS INFORMATION TAKEN FROM SOILS MAP NO. 16, "SOILS SURVEY", HOWARD COUNTY, MARYLAND JULY 1969 ISSUE.
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE IS TO BE PROVIDED AT THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY AND NOT ONTO THE FLAG OR PIPESTEM DRIVEWAY.
- STORMWATER MANAGEMENT WILL BE PROVIDED IN ACCORDANCE WITH HOWARD COUNTY AND MARYLAND 37B SPECIFICATIONS. RECHARGE VOLUME WILL BE PROVIDED THROUGH THE USE OF DEY SWALES, WATER QUALITY AND CHANNEL PROTECTION VOLUME WILL BE PROVIDED BY A POCKET POND, OVERBANK, FLOOD PROTECTION VOLUME AND EXTREME FLOOD VOLUME ARE NOT REQUIRED FOR THIS SITE.
- EXISTING SEPTIC FIELD LOCATED ON LOT 4 WILL BE ABANDONED PRIOR TO THE RECORDATION OF THE RESUBDIVISION PLAT FOR THIS PROJECT.
- LOT Nos. 1 AND 2, PLAT NO. 14555 (700-172) AND LOT NO. 3, PLAT NO. 14565 (700-172) WERE PART OF THE ORIGINAL 599-19.
  - THE LANDSCAPE FOR THE EAST SIDE OF LOT 2 AND THE WEST SIDE OF LOT 1 (700-172) WILL BE ADDRESSED WITH THIS SUBMISSION. LANDSCAPING IS NOT REQUIRED ALONG THE SOUTHERN BOUNDARY OF LOTS 1 AND 2.
  - THE LANDSCAPE FOR THE NORTH AND WEST BOUNDARIES OF LOT 3 WERE PLANTED UNDER SD0P-105. THE BOUNDARIES OF LOT 4 (700-172) WILL BE ADDRESSED WITH THIS SUBMISSION.
- FOREST CONSERVATION OBLIGATIONS:
  - THE FOREST CONSERVATION FOR LOTS 1 AND 2 (700-172) HAVE BEEN MET WITH A FEE-IN-LIEU PAYMENT IN THE AMOUNT OF \$1,307.00.
  - THE FOREST CONSERVATION FOR LOT 3 AND R.O.W. (700-172) HAVE BEEN MET WITH THE ESTABLISHMENT OF A 0.12 AC. ON-SITE FOREST CONSERVATION EASEMENT (RETENTION).
- OPEN SPACE OBLIGATIONS:
  - AREA OF R-ED PROPERTY FROM RECORD PLAT NO. 14565 (700-172), OPEN SPACE WAS DEFERRED UNTIL THE RESUBDIVISION OF LOT 4, ROCKY GLEN SUBDIVISION.
  - AREA OF R-20 PROPERTY FROM RECORD PLAT NO. 14565 (700-172), OPEN SPACE WAS DEFERRED UNTIL THE RESUBDIVISION OF LOT 4, ROCKY GLEN SUBDIVISION.
  - A FEE-IN-LIEU OF OPEN SPACE IN THE AMOUNT OF \$1,500.00 WAS PROVIDED FOR LOT 2, PLAT NO. 14555 (700-172). LOT 1 WAS EXEMPT FROM THE OPEN SPACE OBLIGATION.
- THE LANDSCAPE PERIMETER OBLIGATION FOR THIS SUBDIVISION WILL BE PART OF THE DEVELOPER'S AGREEMENT.
- THE PRELIMINARY FOREST CONSERVATION PROGRAM OBLIGATIONS WILL BE MET BY RETENTION, ENHANCEMENT PLANTING AND A FEE-IN-LIEU AS OUTLINED IN THE FOREST CONSERVATION NARRATIVE ON SHEET 4 OF 4

FISHER, COLLINS & CARTER, INC.  
CIVIL, ENGINEERING, CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21117  
(410) 461-2855

OWNER/DEVELOPER  
ROCKY GLEN, L.L.C.  
C/O LAND DESIGN AND DEVELOPMENT, INC.  
8000 MAIN STREET  
ELICOTT CITY, MD 21043

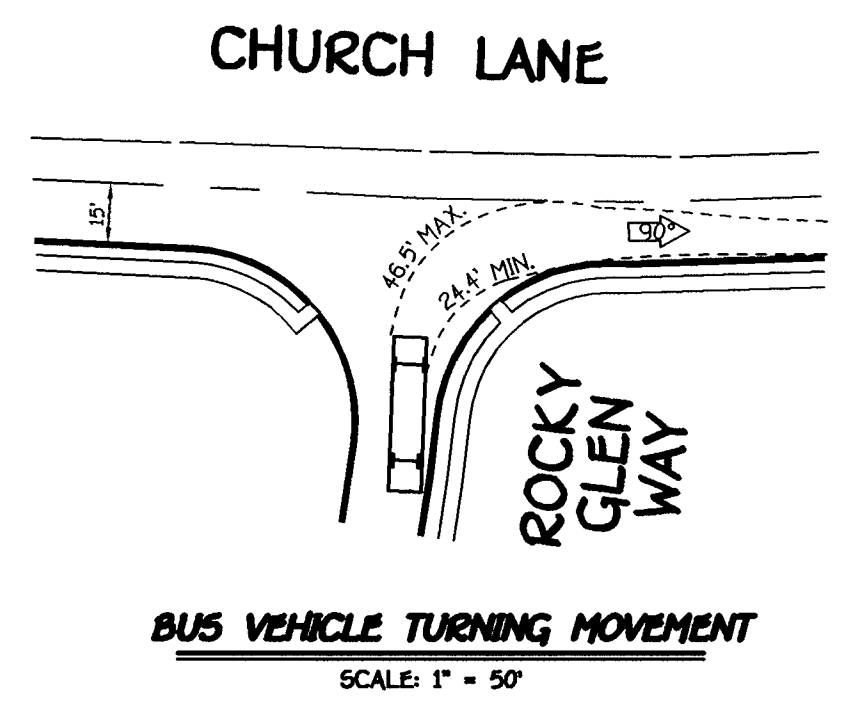
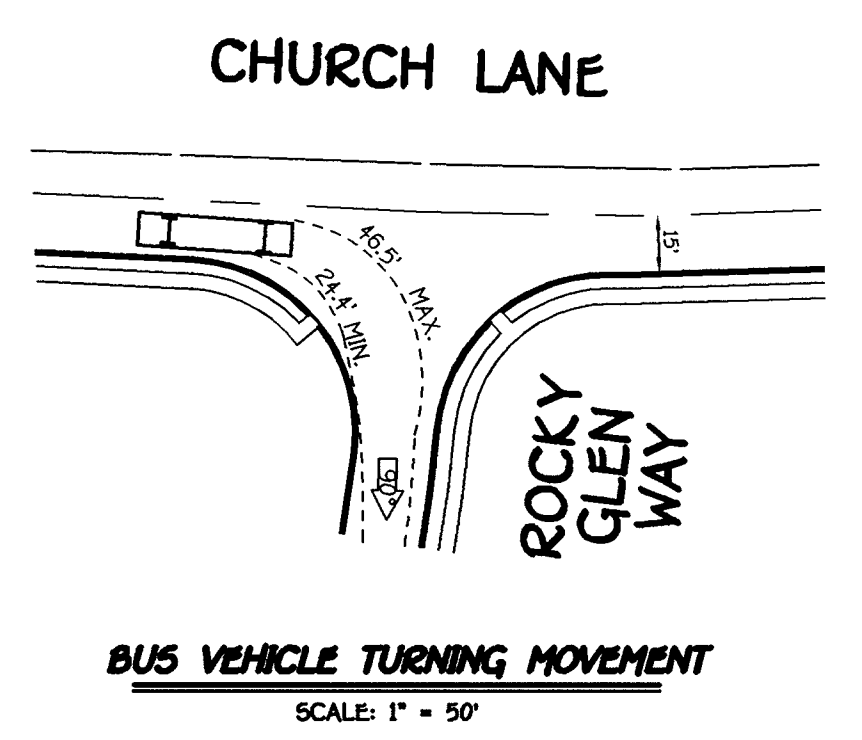
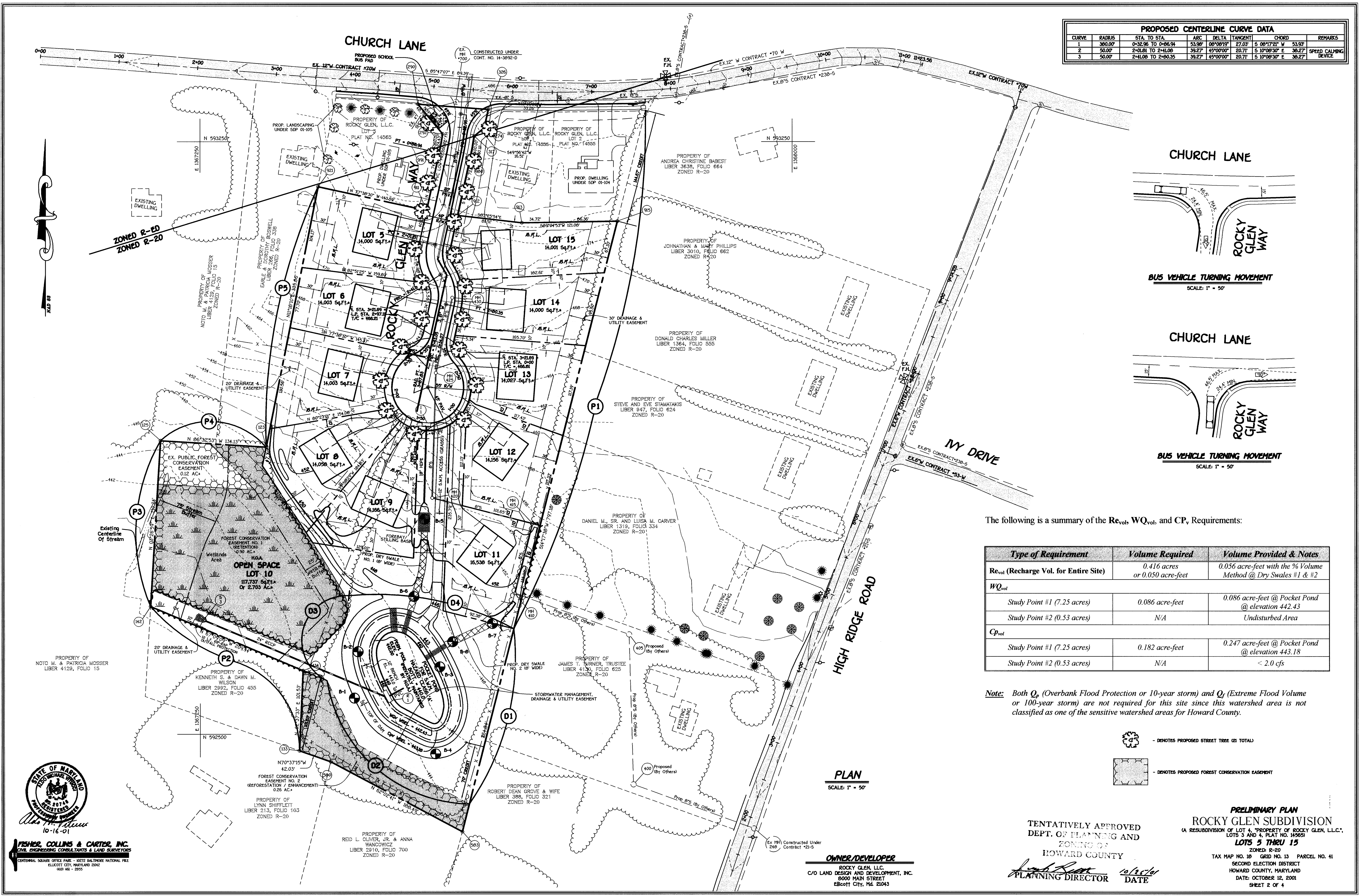


TENTATIVELY APPROVED  
DEPT. OF PLANNING AND ZONING  
HOWARD COUNTY  
PLANNING DIRECTOR  
DATE: 10-16-01

PRELIMINARY PLAN  
ROCKY GLEN SUBDIVISION  
(A RESUBDIVISION OF LOT 4, "PROPERTY OF ROCKY GLEN, L.L.C.", LOTS 3 AND 4, PLAT NO. 14565)  
LOTS 5 THRU 15  
ZONED: R-20  
TAX MAP NO. 18 GRID NO. 13 PARCEL NO. 41  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DATE: OCTOBER 12, 2001  
SHEET 1 OF 4



PROPOSED CENTERLINE CURVE DATA									
CURVE	RADIUS	STA. TO STA.	ARC	DELTA	TANGENT	CHORD	REMARKS		
1	300.00	0+32.96 TO 0+86.94	53.99	68°09'19"	27.03	5 08°17'21" W	53.99		
2	50.00	2+41.08 TO 2+41.08	39.27	45°00'00"	20.71	5 10°08'30" E	39.27	SPEED CALMING DEVICE	
3	50.00	2+41.08 TO 2+60.35	39.27	45°00'00"	20.71	5 10°08'30" E	39.27		



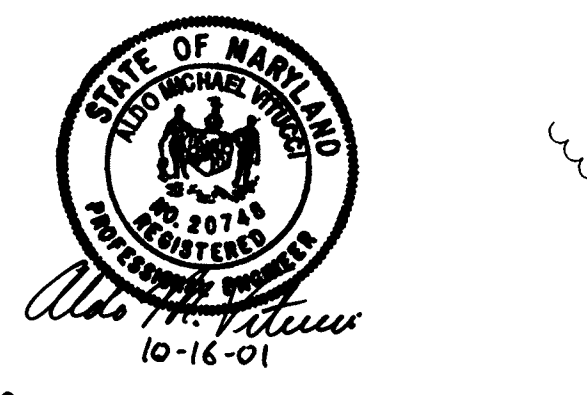
The following is a summary of the Re<sub>vol</sub>, WQ<sub>vol</sub>, and CP<sub>vol</sub> Requirements:

Type of Requirement	Volume Required	Volume Provided & Notes
Re <sub>vol</sub> (Recharge Vol. for Entire Site)	0.416 acres or 0.050 acre-feet	0.056 acre-feet with the % Volume Method @ Dry Swales #1 & #2
WQ <sub>vol</sub>		
Study Point #1 (7.25 acres)	0.086 acre-feet	0.086 acre-feet @ Pocket Pond @ elevation 442.43
Study Point #2 (0.53 acres)	N/A	Undisturbed Area
CP <sub>vol</sub>		
Study Point #1 (7.25 acres)	0.182 acre-feet	0.247 acre-feet @ Pocket Pond @ elevation 443.18
Study Point #2 (0.53 acres)	N/A	< 2.0 cfs

Note: Both Q<sub>o</sub> (Overbank Flood Protection or 10-year storm) and Q<sub>e</sub> (Extreme Flood Volume or 100-year storm) are not required for this site since this watershed area is not classified as one of the sensitive watershed areas for Howard County.

- DENOTES PROPOSED STREET TREE (21 TOTAL)
- DENOTES PROPOSED FOREST CONSERVATION EASEMENT

PLAN  
SCALE: 1" = 50'



**FISHER, COLLINS & CARTER, INC.**  
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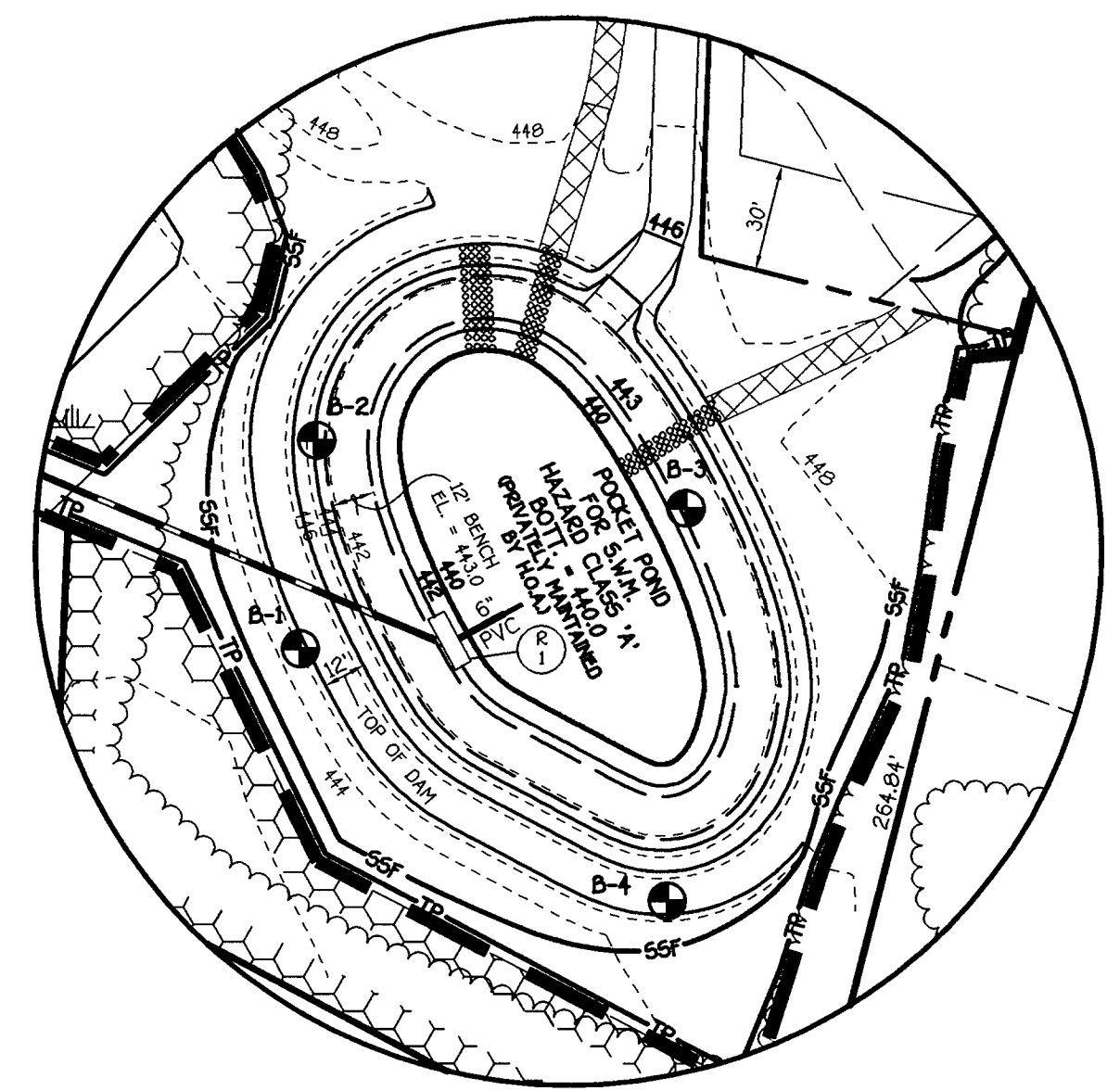
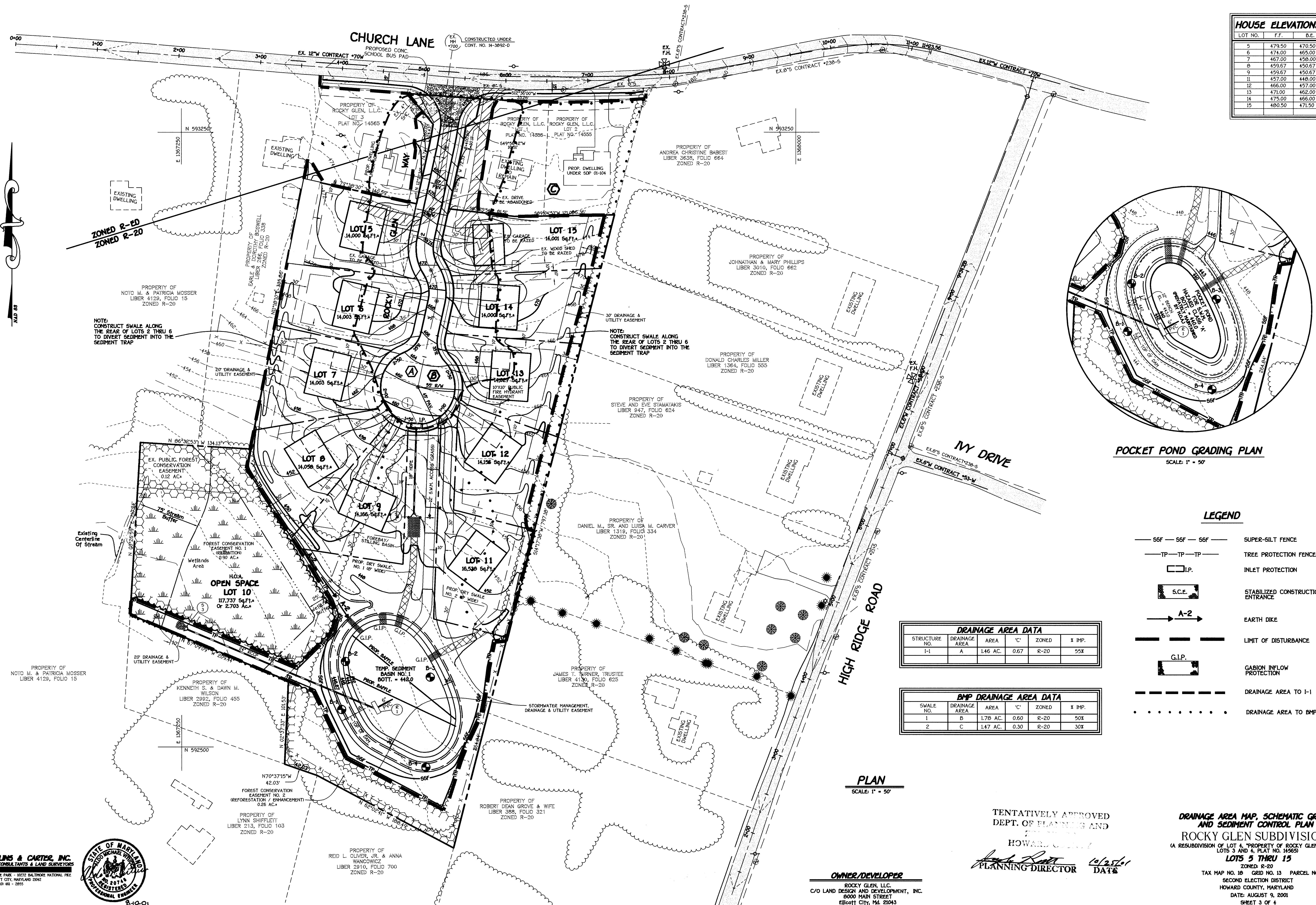
**OWNER/DEVELOPER**  
ROCKY GLEN, LLC.  
C/O LAND DESIGN AND DEVELOPMENT, INC.  
8000 MAIN STREET  
ELICOTT CITY, MD 21043

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND ZONING OF  
HOWARD COUNTY  
*[Signature]*  
PLANNING DIRECTOR  
DATE

**PRELIMINARY PLAN**  
**ROCKY GLEN SUBDIVISION**  
(A RESUBDIVISION OF LOT 4, "PROPERTY OF ROCKY GLEN, LLC.",  
LOTS 3 AND 4, PLAT NO. 14562)  
**LOTS 5 THRU 15**  
ZONED: R-20  
TAX MAP NO. 10 GRID NO. 13 PARCEL NO. 41  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DATE: OCTOBER 12, 2001  
SHEET 2 OF 4



HOUSE ELEVATIONS		
LOT NO.	F.F.	B.E.
5	479.50	470.50
6	474.00	465.00
7	467.00	458.00
8	459.67	450.67
9	459.67	450.67
11	457.00	448.00
12	466.00	457.00
13	471.00	462.00
14	475.00	466.00
15	480.50	471.50



POCKET POND GRADING PLAN  
SCALE: 1" = 50'

**LEGEND**

- SSF — SSF — SSF — SUPER-SILT FENCE
- TP — TP — TP — TREE PROTECTION FENCE
- I.P. — INLET PROTECTION
- S.C.E. — STABILIZED CONSTRUCTION ENTRANCE
- A-2 → EARTH DIKE
- — — — — LIMIT OF DISTURBANCE
- G.I.P. — GABION INFLOW PROTECTION
- - - - - DRAINAGE AREA TO I-1
- • • • • DRAINAGE AREA TO BMP SWALE

DRAINAGE AREA DATA					
STRUCTURE NO.	DRAINAGE AREA	AREA	"C"	ZONED	% IMP.
I-1	A	1.46 AC.	0.67	R-20	55%

BMP DRAINAGE AREA DATA					
SWALE NO.	DRAINAGE AREA	AREA	"C"	ZONED	% IMP.
1	B	1.78 AC.	0.60	R-20	50%
2	C	1.47 AC.	0.30	R-20	30%

**PLAN**  
SCALE: 1" = 50'

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND  
ZONING  
HOWARD COUNTY  
PLANNING DIRECTOR

**DRAINAGE AREA MAP, SCHEMATIC GRADING AND SEDIMENT CONTROL PLAN**  
**ROCKY GLEN SUBDIVISION**  
(A RESUBDIVISION OF LOT 4, "PROPERTY OF ROCKY GLEN, L.L.C.", LOTS 3 AND 4, PLAT NO. 14565)  
**LOTS 5 THRU 15**  
ZONED: R-20  
TAX MAP NO. 18 GRID NO. 13 PARCEL NO. 41  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DATE: AUGUST 9, 2001  
SHEET 3 OF 4

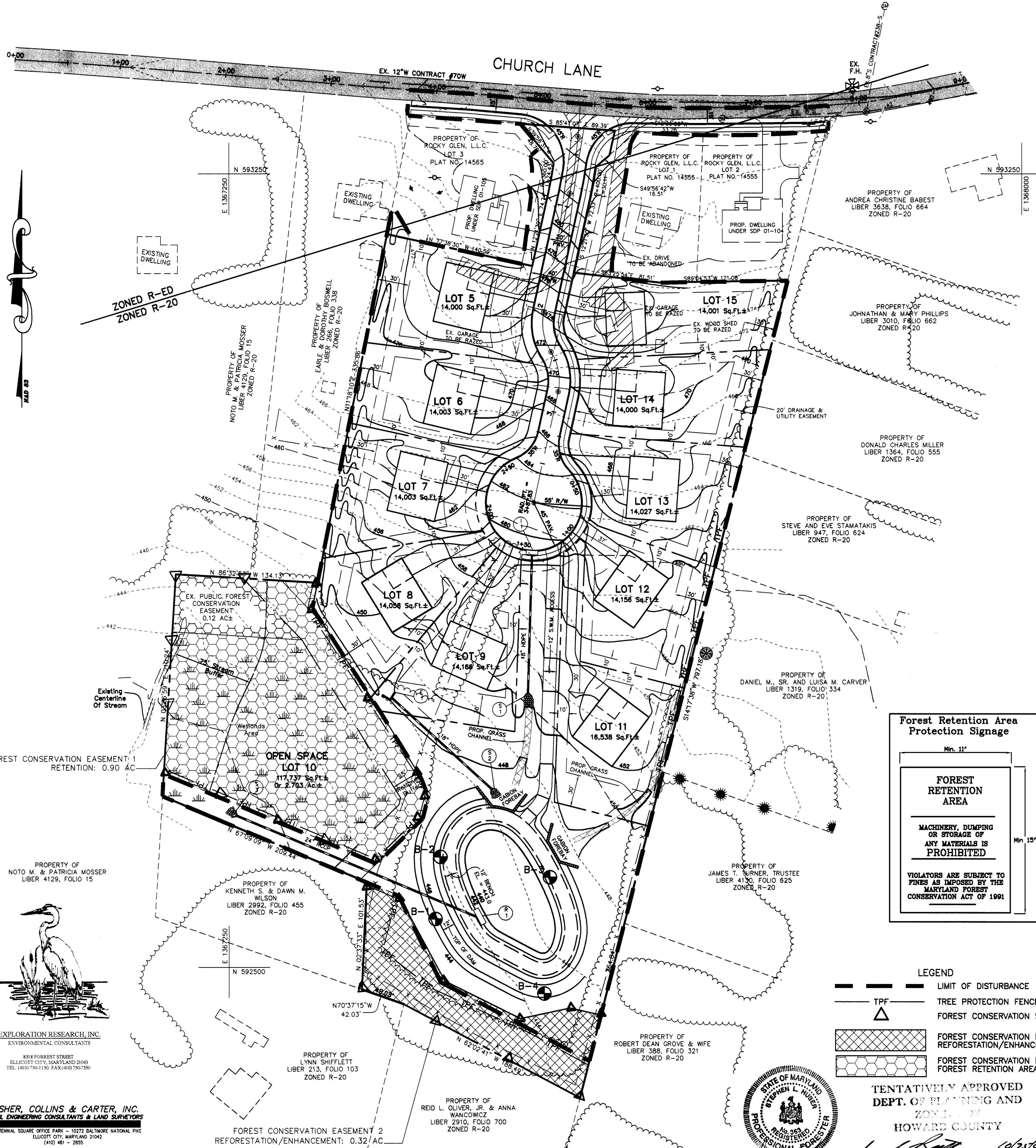
**OWNER/DEVELOPER**  
ROCKY GLEN, L.L.C.  
C/O LAND DESIGN AND DEVELOPMENT, INC.  
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8-10-01



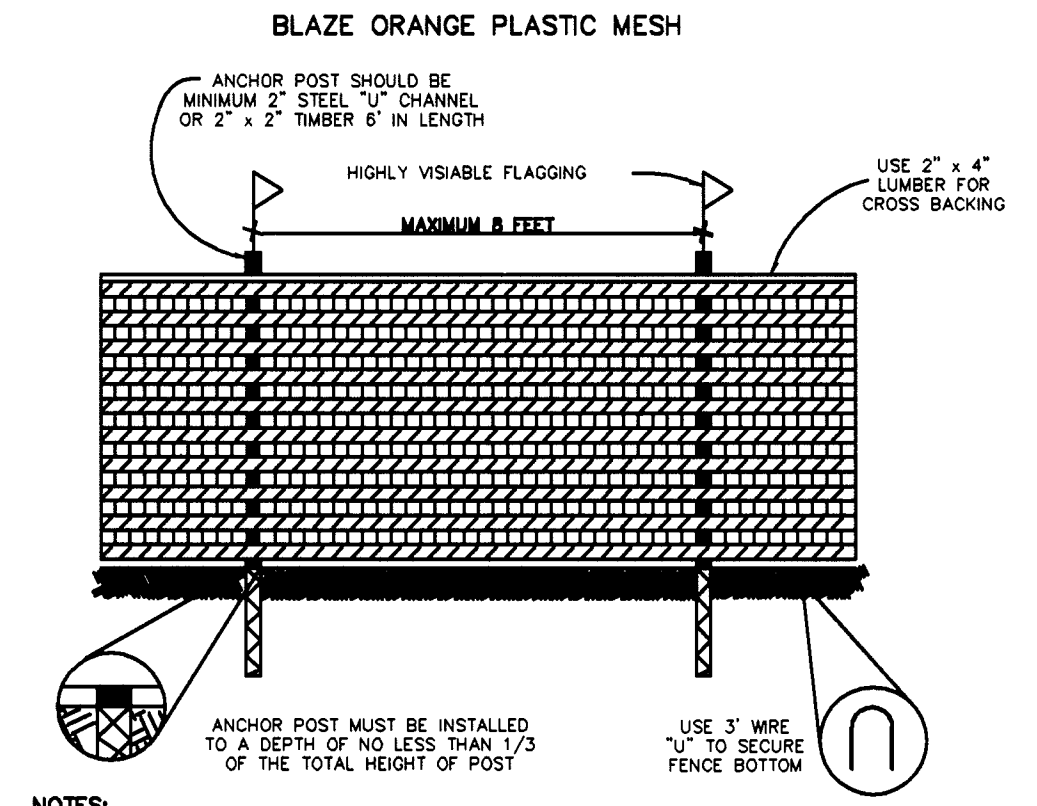


**REFORESTATION AREA MONITORING NOTES**

1. Monthly visits during the first growing season are to assess the success of the plantings and to determine if supplemental watering, pest control or other actions are necessary. Early spring visits will document winter kill and autumn visits will document summer kill.
2. The minimum survival rate shall be 75% of the total number of trees planted per acre at the end of the two year maintenance period. Wild tree seedlings from natural regeneration on the planting site may be counted up to 50% toward the total survival number if they are healthy native species at least 12 inches tall.
3. Survival will be determined by a stratified random sampling of the plantings. The species composition of the sample population should be proportionate to the amount of each species in the entire planting to be sampled.
4. Effective monitoring will assess plant survivability during the first growing season and make recommendations for reinforcement plantings if required at that time.

**REFORESTATION PLANTING NOTES**

1. Reforestation areas may be planted as soon as reasonable to do so. Late winter-early spring plantings are preferred. Earliest planting dates will vary from year to year but planting may generally begin as soon as the ground is no longer frozen. Alternate planting dates may be considered as condition warrants.
2. Soil amendments and fertilization recommendations will be made based upon the results of soil analysis for nitrogen, phosphorus, potassium, organic matter content and pH. If required, fertilizer will be provided using a slow release, soluble 16-8-16 analysis designed to last 5-8 years contained in polyethylene perforated bags such as manufactured by ADOO Works, P.O. Box 310 Hollis, N.Y. 11423 or approved equal.
3. Plant materials will be planted in accordance with the Planting Distribution Diagram, Planting Details and plant schedule.
4. Plant material shall be nursery grown and inspected prior to planting. Plants not conforming to the American Standard for Nursery Stock specifications for size, form, vigor, or roots, or due to trunk wounds, breakage, desiccation, insect or disease must be replaced.
5. Planting stock must be protected from desiccation at all times prior to planting. Materials held for planting shall be moistened and placed in cool shaded areas until ready for placement.
6. Newly planted trees may require watering at least once per week during the first growing season depending on rainfall in order to get established. The initial planting operation should allow for watering during installation to completely soak backfill material.
7. Mulch shall be applied in accordance with the diagram provided and shall consist of composted, shredded hardwood bark mulch, free of wood alcohol.
8. All nursery stock to be sprayed with deer repellent containing Biltrex, such as Repellex. All nursery stock to be grown with deer repellent tablets in growing medium, such as Repellex Tablets.



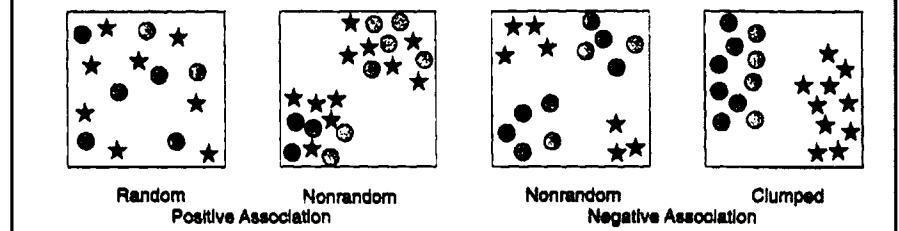
- NOTES:**
1. FOREST PROTECTION DEVICE ONLY.
  2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
  3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
  4. ROOT DAMAGE SHOULD BE AVOIDED.
  5. PROTECTIVE SIGNAGE MAY ALSO BE USED.
  6. DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

**TREE PROTECTION DETAIL**  
NOT TO SCALE

**FOREST TREE PROTECTION AND MANAGEMENT NOTES**

1. TREE PROTECTION DEVICES SHALL BE INSTALLED PRIOR TO ANY GRADING OR LAND CLEARING.
  2. AFTER THE BOUNDARIES OF THE RETENTION AREAS HAVE BEEN STAKED AND FLAGGED AND BEFORE ANY DISTURBANCE HAS TAKEN PLACE A PRE-CONSTRUCTION MEETING WITH THE HOWARD COUNTY INSPECTOR IS REQUIRED.
  3. PROVIDE MAINTENANCE TO TREE PROTECTION DEVICES AND SIGNAGE TO MAINTAIN THEIR INTEGRITY THROUGHOUT THE DURATION OF THE PROJECT.
  4. ATTACHMENT OF SIGNS OR ANY OTHER OBJECTS TO TREES IS PROHIBITED.
  5. ANY SIGNIFICANT CHANGES MADE TO THE FOREST CONSERVATION PLAN SHALL BE MADE WITH THE PRIOR APPROVAL OF THE HOWARD COUNTY INSPECTOR.
  6. NO BURIAL OF DISCARDED MATERIAL IS PERMITTED WITHIN FOREST CONSERVATION AND PLANTING AREAS.
  7. NO OPEN BURNING WITHIN 100 FEET OF WOODED AREAS IS PERMITTED.
  8. POST CONSTRUCTION PHASE
    - a. INSPECT EXISTING TREES AROUND PERIMETER OF SITE FOR SIGNS OF ROOT OR TRUNK DAMAGE AND EXCESSIVE SOIL COMPACTION.
    - b. REMOVE DEAD OR DYING TREES AND EVALUATE FOR HAZARD TREE REMOVAL.
    - c. ALL TEMPORARY FOREST PROTECTION DEVICES WILL BE REMOVED AFTER CONSTRUCTION.
    - d. FOLLOWING COMPLETION OF CONSTRUCTION, PRIOR TO USE, THE COUNTY INSPECTOR SHALL INSPECT THE ENTIRE SITE FOR COMPLIANCE WITH THIS FOREST CONSERVATION PLAN.
- \* A LICENSED ARBORIST OR FORESTER SHOULD BE RETAINED FOR THIS SERVICE AS NEEDED.

**Typical Forest Tree Distribution Patterns**

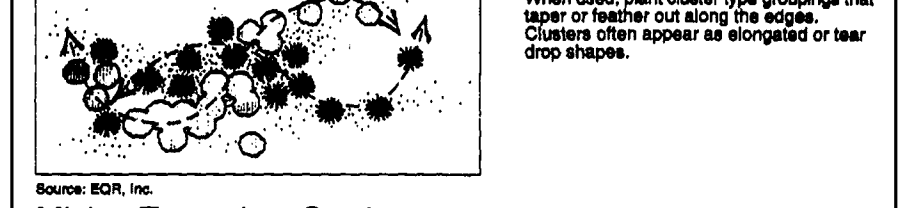


**Aggregate Distribution Drift**

Note: Naturally occurring populations of trees tend to be found in informal groupings. A cluster of trees is really a mosaic of different species groups. The objective of an afforestation/reforestation plan is to select the appropriate species and distribution pattern for a chosen site that mimic natural patterns.

Source: Forest Georgia County Woodland Conservation Manual.

**Mixing Transplant Stock**

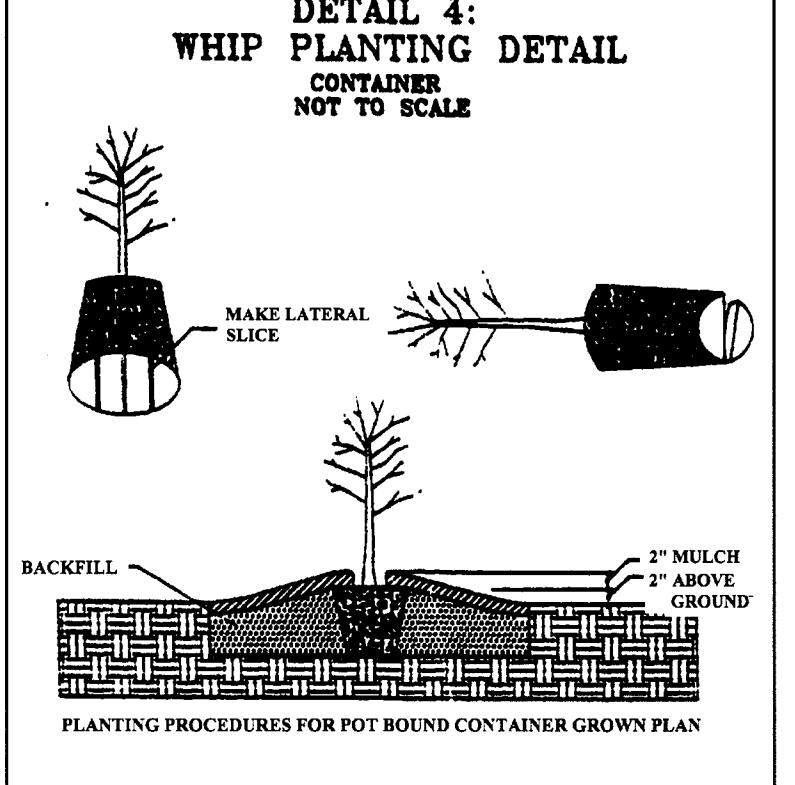
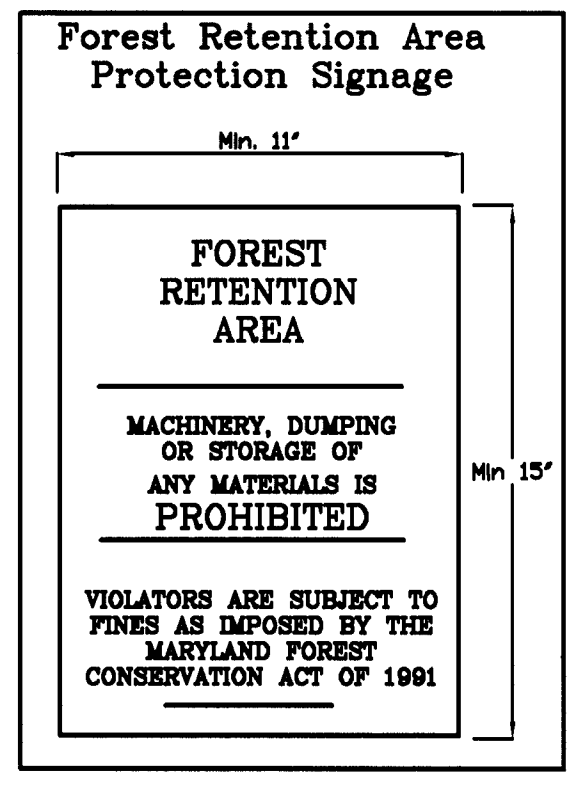


Note: When used, plant cluster type groupings that taper or feather out along the edges. Clusters often appear as elongated or tear drop shapes.

Source: Adapted from Forest Conservation Manual, 1991.

**Planting Distribution Patterns**

Figure 3.8.2



**FOREST CONSERVATION WORKSHEET**

	Acres (1/100 ac.)
Net Tract Area	
A. Total Tract Area	6.51
B. Area Within 100 Year Floodplain	0
C. Other deductions	0.12
D. Net Tract Area	6.39
Zoning Use Category: Suburban Residential	
Land Use Category	
E. Afforestation Minimum (15% x D)	0.96
F. Conservation Threshold (20% x D)	1.28
Existing Forest Cover	
G. Existing Forest on Net Tract Area	1.20
H. Forest Area Above Conservation Threshold	0
Break-even Point	
I. Forest Retention Above Threshold with no Mitigation	NA
J. Clearing Permitted without Mitigation	0
Proposed Forest Clearing	
K. Forest Areas to be Cleared	0.30
L. Forest Areas to be Retained	0.90
Planting Requirements	
M. Reforestation for Clearing Above Threshold	0
N. Reforestation for Clearing Below the Threshold	0.6
P. Credit for Retention Above Conservation Threshold	0
Q. Total Reforestation Required	0.6
R. Total Afforestation Required	0
S. Total Reforestation and Afforestation Requirement	0.6

**FOREST CONSERVATION EASEMENT TABLE**

EASEMENT 1	0.90 AC
ALL RETENTION	
EASEMENT 2	0.32 AC
ALL REFORESTATION/ENHANCEMENT	
<b>TOTAL</b>	<b>1.22 AC</b>

**EASEMENT 2 0.32 Ac REFORESTATION**

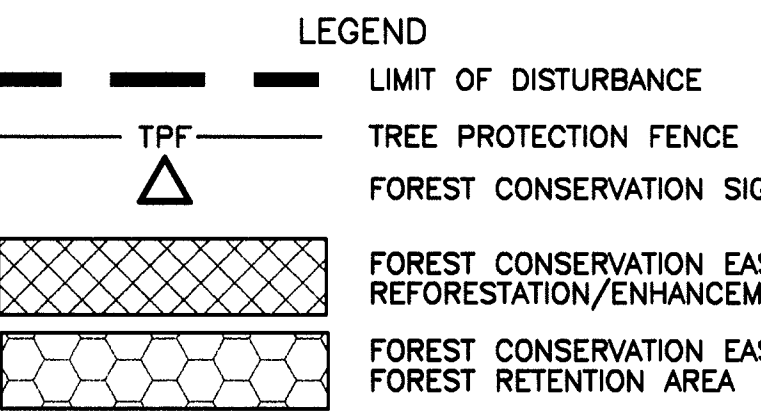
Qty	Botanical Name	Common Name	Min. Size	Spacing	Notes
28	Acer rubrum	Red Maple	WHIP 2-3 11"	o.c.	Container
28	Fraxinus pennsylvanica	Green Ash	WHIP 2-3 11"	o.c.	Container
28	Liriodendron tulipifera	Tulip Poplar	WHIP 2-3 11"	o.c.	Container
28	Quercus palustris	Pin Oak	WHIP 2-3 11"	o.c.	Container

**Forest Conservation Narrative**

This Forest Conservation Plan has been developed in accordance with the Howard County Forest Conservation Manual and the Forest Conservation Act of 1991.

The site consists of 6.51 Ac, of which 0.12 Ac was previously dedicated as a Forest Conservation Easement, for a net tract area of 6.39 Ac. Most of the forested area is in wetland or wetland buffer. There is one specimen tree which will be protected. There are off-site trees along the eastern property line which will be protected. The reforestation requirement is 0.60 Ac. We request that this obligation be met with on-site reforestation and enhancement planting of 0.32 Ac. and a Fee-in-Lieu payment for the remaining 0.28 Ac (12,197 sf).

The reforestation/enhancement area will be selectively thinned and planted at 350 stems/acre with 2-3" containerized whip stock.



TENTATIVELY APPROVED  
DEPT. OF PLANNING AND ZONING  
HOWARD COUNTY  
OWNER/DEVELOPER  
ROCKY GLEN, LLC.  
C/O LAND DESIGN AND DEVELOPMENT, INC.  
8000 MAIN STREET  
Ellicott City, Md. 21043

**PRELIMINARY FOREST CONSERVATION PLAN**  
**ROCKY GLEN SUBDIVISION**  
(A RESUBDIVISION OF LOT 4, "PROPERTY OF ROCKY GLEN, L.L.C.", LOTS 3 AND 4, PLAT NO. 14565)  
**LOTS 5 THRU 15**  
ZONED: R-20  
TAX MAP NO. 18 GRID NO. 13 PARCEL NO. 41  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DATE: MAY 17, 2001  
SHEET 4 OF 4