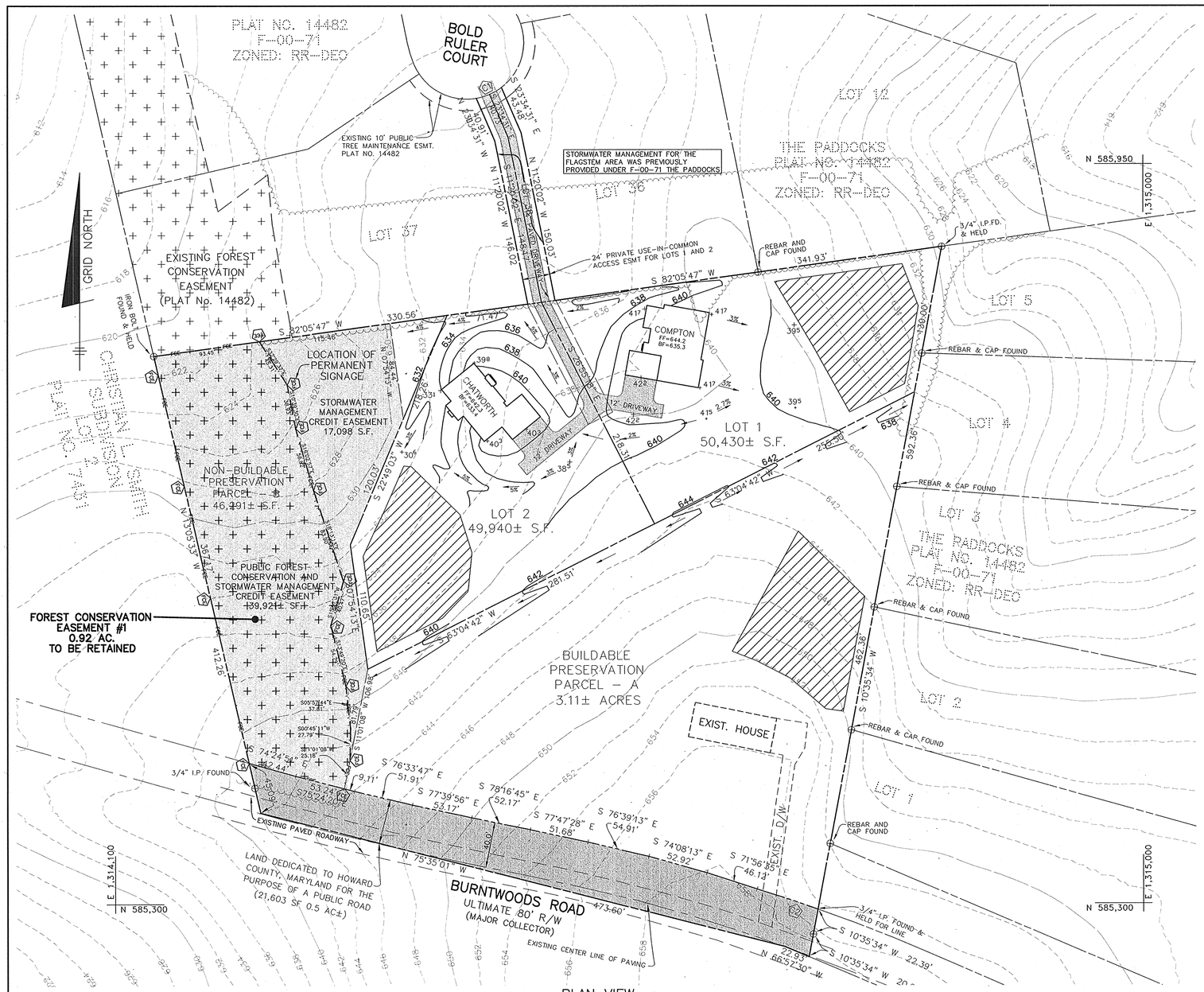


PLAN VIEW

SCALE: 1" = 50'

APPENDIX G
FOREST CONSERVATION WORKSHEET

	ACRES (1/100 acre)
I. BASIC SITE DATA	
GROSS SITE AREA	6.98
AREA WITHIN 100 YEAR FLOODPLAIN	0.00
AREA WITHIN AGRICULTURAL USE OR PRESERVATION PARCEL (IF APPLICABLE)	3.18
AREA PREVIOUSLY RECORDED AS LOT 38 – PADDOCKS	0.10
NET TRACT AREA	3.70
LAND USE CATEGORY (R-RLD, R-RMD, R-S, C/I/O, I)	RR-DEO
II. INFORMATION FOR CALCULATIONS	
A. NET TRACT AREA	3.70
B. REFORESTATION THRESHOLD (25% x A)	0.92
C. AFFORESTATION MINIMUM (20% x A)	0.74
D. EXISTING FOREST ON NET TRACT AREA	0.92
E. FOREST AREAS TO BE CLEARED	0.00
F. FOREST AREAS TO BE RETAINED	0.92
G. BREAK EVEN POINT	

III. DETERMINIG REQUIREMENTS: AFFORESTATION OR REFORESTATION

1. Reforestation

If existing forest areas equal or exceed the afforestation minimum (if D equals or is more than C), and clearing of forest areas is proposed, reforestation requirements may apply.

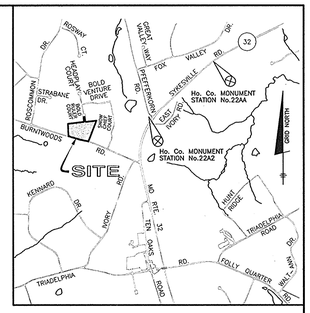
GO TO SECTION IV

If existing forest areas equal or exceed the afforestation minimum (if D equals or is more than C), and no clearing of existing forest resources is proposed, no reforestation is required. No further calculations are needed.

2. Afforestation

If existing forest areas are less than the afforestation minimum (if D is less than C), afforestation requirements apply.

GO TO SECTION V



VICINITY MAP

SCALE: 1"=2000'

BENCHMARKS NAD'83 HORIZONTAL

HO. CO. #22A2
STAMPED BRASS DISK SET ON TOP OF CONCRETE BASE.
N 585988.550' E 1316283.881'

HO. CO. #22AA
STAMPED BRASS DISK SET ON TOP OF CONCRETE BASE
N 587502.739' E 1317897.957'

NAD'29 VERTICAL

HO. CO. #08FA
STAMPED BRASS DISK SET ON TOP OF CONCRETE BASE.
ELEV. 617.44'

SEQUENCE OF CONSTRUCTION

1. SEDIMENT CONTROL AND TREE PROTECTION DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH GENERAL CONSTRUCTION PLAN FOR SITE. SITE SHALL BE GRADED IN ACCORDANCE WITH THE GENERAL CONSTRUCTION PLANS.
2. REMOVE HAZARDOUS TREES (DEAD, DISEASED OR THOSE SUBJECT TO WIND THROWS) ALONE THE EDGE OF THE FOREST RETENTION AREAS AS WELL AS WITHIN OTHER TREE SAVE AREAS.
3. SIGNAGE SHALL BE INSTALLED AS PER THE FOREST PROTECTION DEVICES SHOWN ON THE FOREST CONSERVATION PLAN.

FCP NOTES:

1. ANY FOREST CONSERVATION EASEMENT (FCE) AREA SHOWN HEREON 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.
2. FORESTED AREAS OCCURRING OUTSIDE OF THE FCE SHALL NOT BE CONSIDERED PART OF THE FCE AND SHALL NOT BE SUBJECT TO PROTECTIVE LAND COVENANTS.
3. LIMITS OF DISTURBANCE SHALL BE RESTRICTED TO AREAS OUTSIDE THE LIMIT OF TEMPORARY FENCING OR THE FCE BOUNDARY, WHICHEVER IS GREATER.
4. THERE SHALL BE NO CLEARING GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST CONSERVATION EASEMENT, EXCEPT AS PERMITTED BY HOWARD COUNTY DPZ.
5. NO STOCKPILES, PARKING AREAS, EQUIPMENT CLEANING AREAS, ETC. SHALL OCCUR WITHIN AREAS DESIGNATED AS FOREST CNSERVATION EASEMENTS.
6. TEMPORARY FENCING SHALL BE USED TO PROTECT FOREST RESOURCES DURING CONSTRUCTION. THE FENCING SHALL BE PLACED ALONG ALL FCE BOUNDARIES WHICH OCCUR WITHIN 25 FEET OF THE PROPOSED LIMITS.
7. PERMANENT SIGNAGE SHALL BE PLACED 50-100' APART ALONG THE BOUNDARIES OF ALL AREAS INCLUDED IN FOREST CONSERVATION EASEMENTS. SIGNS SHALL BE MOUNTED ON A PERMANENT WOOD POST OR METAL STAKE. FCE SIGNS SHALL NOT BE ATTACHED TO TREES.
8. THE FOREST CONSERVATION OBLIGATION FOR THIS SUBDIVISION WILL BE FULFILLED BY RETENTION OF 0.92 ACRES OF EXISTING FOREST IN FOREST CONSERVATION EASEMENTS

9. Surety for 0.92 acre retention = $8,015.00.

LEGEND

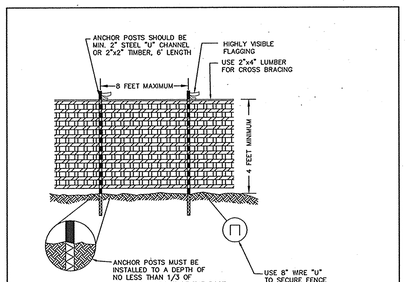
- EXISTING CONTOURS
- PROPOSED CONTOURS
- LIMIT OF WETLANDS
- 100 YEAR FLOODPLAIN
- FOREST TO BE RETAINED
- EXISTING SPECIMEN TREE
- FCE — LIMITS OF FOREST CONSERVATION EASEMENT
- X X X — TEMPORARY PROTECTIVE FENCING
- FCE — PERMANENT PROTECTIVE SIGNAGE
- EX. FOREST CONSERVATION EASEMENT RETENTION
- PROPOSED FOREST CONSERVATION EASEMENT RETENTION

Eco-Science Professionals, Inc.
CONSULTING ECOLOGISTS
P.O. Box 5006 Glen Arm, MD 21057 (410) 592-6752

MD DNR Qualified Professional
USACOE Wetland/Delineator
Certification # WDCP93MD0610044D2
John P. Canoles 7/6/04

NO.	DATE	REVISION

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 ▲ FAX: 410-465-6644
EMAIL: benchmrk@cais.com



NOTES:
1. BLAZE ORANGE OR BLUE PLASTIC MESH FENCE FOR FOREST PROTECTION DEVICE ONLY.
2. BOUNDARIES OF RETENTION AREA WILL BE ESTABLISHED AS PART OF THE FOREST CONSERVATION PLAN REVIEW PROCESS.
3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
4. AVOID DAMAGE TO CRITICAL ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
5. PROTECTIVE SIGNS ARE REQUIRED.
6. DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

ADAPTED FROM PRINCE GEORGE'S COUNTY, MARYLAND. WOODLAND CONSERVATION MANUAL AND FOREST CONSERVATION MANUAL, 1991.

PLASTIC MESH TREE PROTECTION FENCE

FOREST RETENTION AREA

MACHINERY, DUMPING OR STORAGE OF ANY MATERIALS IS *PROHIBITED*

VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE HOWARD COUNTY FOREST CONSERVATION ACT OF 1992

MIN. 15"

MIN. 11"

ULTIMATE SITE DATA

	ACRES
GROSS AREA:	6.98
LOT AREA FOR EXISTING HOUSE	3.18
AREA PREVIOUSLY RECORDED AS LOT 38 – PADDOCKS	0.10
NET TRACT AREA (NTA):	3.70
EXISTING FOREST (NTA):	0.92
AFFORESTATION THRESHOLD:	0.74
REFORESTATION THRESHOLD:	0.92
FOREST TO BE CLEARED (NTA):	0.00
FOREST TO BE RETAINED (NTA):	0.92
FOREST TO BE RETAINED IN FCE:	0.92

FOREST CONSERVATION TABULATION

DESIGNATION	TYPE	ACREAGE
1	RETENTION	0.92

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Cindy Roth 7/29/04
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

7/30/04
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

OWNER/DEVELOPER:
SECURITY DEVELOPMENT LLC
P.O. BOX 417
ELLICOTT CITY, MD 21041
410-465-4244

PROJECT: JACKSON PROPERTY
MINOR SUBDIVISION OF PARCEL 530

LOCATION: TAX MAP NO. 22, GRID NO. 8, PARCEL 530, 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: FOREST CONSERVATION PLAN, NOTES AND DETAILS

DATE: JUNE, 2003 / JULY, 2004 | PROJECT NO. 1491

DESIGN: DAM | DRAFT: RPS | SCALE: 1" = 50' | DRAWING 1 OF 1

F-02-134

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