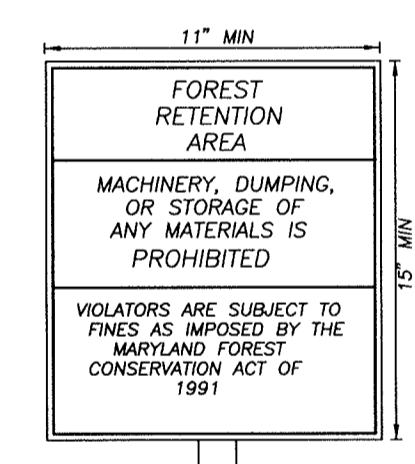


- GENERAL NOTES:**
- PROPERTY IS NOT LOCATED WITHIN A FLOOD HAZARD AREA ACCORDING TO NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY-PANEL NUMBER 240044 0002 B, MAP REVISED: DECEMBER 4, 1986.
 - TOPOGRAPHY IS TAKEN FROM HOWARD COUNTY TOPO, CONTOUR INTERVAL IS 5'.
 - FORESTED AREA: 10.04 ACRES±
 STAND #1: 4.71 ACRES±
 STAND #2: 1.70 ACRES±
 STAND #3: 1.71 ACRES±
 STAND #4: 1.24 ACRES±
 STAND #5: 0.68 ACRES±
 FOREST CONSERVATION EASEMENT: 5.06 ACRES± (STIRN SUBD.)(F-00-19)
 - THE NUMBER OF TREES IN THE EXISTING WOODS EXCEEDS THE 100 STEM PER ACRE THRESHOLD AS DEFINED IN THE FOREST RESOURCE ORDINANCE.
 - PROTECTIVE SIGNAGE WILL BE INSTALLED AND INSPECTED BY DEPARTMENT OF PUBLIC WORKS INSPECTORS PRIOR TO ANY GRADING OR DISTURBANCE ACTIVITIES ON-SITE.
 - A FOREST CONSERVATION EASEMENT WILL BE PLACED AROUND EACH FOREST PRESERVATION AREA AND A DEED OF EASEMENT WILL BE RECORDED SPECIFYING LONG-TERM PROTECTION FOR THE AREA.
 - THE OFFSITE "FOREST CONSERVATION EASEMENT PLAT" ENTITLED "STARR PROPERTY" SHALL BE RECORDED SIMULTANEOUSLY WITH THE "FINAL PLAT" ENTITLED "STIRN SUBDIVISION", F-00-19.
 - THIS PLAN FULFILLS THE 2.53 ACRE OFF-SITE AFFORESTATION OBLIGATION FOR F-00-19 BY PLACING INTO FOREST CONSERVATION EASEMENT #1 A TOTAL OF 5.06 ACRES OF EXISTING TREES ON THIS SITE. THIS PLAN IS FOR TREE PROTECTION AND CONSERVATION MEASURES ONLY.

AGRICULTURE/PASTURE

LOW DENSITY RESIDENTIAL AGRICULTURE

STIRN SUBD. (F-00-19)
 OFF-SITE RETENTION EASEMENT AREA #1
 5.0610 Ac±



RETENTION SIGN

NOTE: SPACE SIGNS 100' APART WHERE NO FENCE EXISTS, WHERE FENCE DOES EXIST PLACE SIGNS 250 FEET APART ALONG I-70 AND 200 FEET APART ALONG ALL OTHER PROPERTY LINES WITH EXISTING FENCE, OR AS SHOWN ON PLAN.

LEGEND

- EXISTING FOREST
- FOREST CONSERVATION EASEMENT
- NET TRACT FOREST STAND
- 25% SLOPES
- 15-25% SLOPES
- FLOOD PLAIN
- SOIL BOUNDARY
- FOREST
- OPEN FIELD
- HEDGE ROW
- FOREST RETENTION SIGNAGE

FOREST RETENTION SIGNAGE

SOILS LEGEND:

- Gn - Glenville silt loam (Hydric)
- Co - Codorus silt loam (Hydric)
- Mt - Mt. Airy channery loam
- GI - Glenelg loam

OWNER

Richard & Peggy Lynn Starr
 8799 Hayshed Lane
 Columbia, Maryland 21045

DEVELOPER

Charles A. & Denise D. Sharp
 3779 Sharp Road
 Glenwood, Maryland 21738

STIRN SUBDIVISION, F-00-19

APPENDIX E FOREST CONSERVATION WORKSHEET

I. BASIC SITE DATA		V. AFFORESTATION CALCULATIONS	
	ACRES (1/10 acre)		ACRES (1/10 acre)
Gross Site Area	12.6663	A. Net Tract Area	12.6663
Area Within 100 Year Floodplain	0.0	B. Afforestation Minimum (20% x A)	2.53
Area Within Agricultural Use or Preservation Parcel (if Applicable)	0.0	C. Existing Forest on Net Tract Area	0.0
Net Tract Area	12.6663	D. Forest Areas to be Cleared	0.0
Land Use Category (R-RD, R-RMD, R-S, C1/Q, I)	R-RD	E. Forest Areas to be Retained	0.0
II. INFORMATION FOR CALCULATIONS		SELECT THE ALTERNATIVE THAT APPLIES:	
A. Net Tract Area	12.6663	1. No Clearing Below the Minimum	
B. Reforestation Threshold (25% x A)	3.17	If existing forests are less than the afforestation minimum (if D is less than C) and no clearing is proposed, then following calculations apply:	
C. Afforestation Minimum (20% x A)	2.53	Total afforestation required	0 - 0 = 0.0
D. Existing Forest on Net Tract Area	0.0	AFFORESTATION MINIMUM = 2.53	
E. Forest Areas to be Cleared	0.0	Afforestation must make total forest area equal the minimum required.	
F. Forest Areas to be Retained	0.0		
III. DETERMINING REQUIREMENTS: AFFORESTATION OR REFORESTATION		NOTE:	
1. REFORESTATION		THIS PLAN FULFILLS THE 2.53 ACRE AFFORESTATION OBLIGATION FOR F-00-19 BY PLACING INTO FOREST CONSERVATION EASEMENT #1 A TOTAL OF 5.06 ACRES OF EXISTING TREES ON THIS SITE.	
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 forests 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 area are less than the afforestation minimum (if D is less than C), afforestation requirements apply.			
GO TO SECTION V			

EXHIBIT 3-2 FOREST STAND ANALYSIS TABLE

Applicant: Charles A. Sharp Project Name: STIRN SUBDIVISION Submission No. F-00-19

KEY	A. TYPE OF COMMUNITY	B. AREA	C. SOIL INFORMATION			D. EXISTING VEGETATION (Dominant Species and Approx. %)	E. STAND CHARACTERISTICS			F. FOREST AREA IN SENSITIVE ENVIRONMENTS (Acres)	G. HABITAT VALUE
			1. Soil Types	2. Typical forest cover for soil type	3. Woodland Suitability Index		1. Size (Diam)	2. Age	3. General Conditions		
F1	TULIP POPLAR		Mt/Co	HARDWOOD	4	TULIP POPLAR	18" - 24"	20-30 YEARS	GOOD	2.0 ACRES ±	1
F2	TULIP POPLAR		Mt/Co	HARDWOOD	4	40% - TYPICAL					1
F3	TULIP POPLAR		Gn	HARDWOOD	21	TULIP POPLAR	5" - 10"	5-10 YEARS	GOOD	0.0 ACRES ±	1
F4	TULIP POPLAR		Gn/Gl	HARDWOOD	31	60%					1
F5	TULIP POPLAR		Gn	HARDWOOD	21						1

RICHARD STARR, ET UX, Liber 4971 Folio 0142, Total Acreage=13.0276±

- FOREST CONSERVATION EASEMENT #1: 5.06 ACRES± (STIRN SUBD., F-00-19)
- FOREST CONSERVATION EASEMENT #2: 1.92 ACRES± (SOLLERS SUBD.)(NOT PART OF THIS SUBMISSION)
- FOREST CONSERVATION EASEMENT #3: 3.06 ACRES± (SOLLERS SUBD.)(NOT PART OF THIS SUBMISSION)

TOTAL FOREST CONSERVATION EASEMENTS: 10.04 ACRES±

STAND #1:	4.71 ACRES±
STAND #2:	1.70 ACRES±
STAND #3:	1.71 ACRES±
STAND #4:	1.24 ACRES±
STAND #5:	0.68 ACRES±
TOTAL FORESTED AREA:	10.04 ACRES±

APPROVED
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Cindy Hamaker, CHIEF, DIVISION OF LAND DEVELOPMENT, 4/6/00
 [Signature], CHIEF, DEVELOPMENT ENGINEERING DIVISION, 4/3/00



DATE	REVISIONS
2/4/2000	Per DLD,PAZ(12/21/99)
3/23/2000	Per DLD,PAZ(03/17/00)

FOREST CONSERVATION PLAN (Stirn Subdivision F-00-19) STARR PROPERTY

SITUATED ON MD. RTE. 144 & BEETZ ROAD (LYING ON THE SOUTH SIDE OF INTERSTATE 70)
 P/O Parcel #12, Tax Map #2, Grid #20
 2/3 of the eastern half of property to be used to meet the entire afforestation obligation of 2.53 Acres associated with Stirn Subdivision, F-00-19.
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' JANUARY, 2000

YANMAR ASSOCIATES, INC.
 252 South State Street, P.O. Box 228, Annapolis, Maryland 21403
 (410) 293-0000 FAX (410) 293-2700
 DWG FILE NO. Y:\EP\JOBS\89-2185\89-2185HC.DWG