

- 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: 1.92 ACRES± (SOLLERS SUBD. #1)
 FOREST CONSERVATION EASEMENT: 3.06 ACRES± (SOLLERS SUBD. #2)
 FOREST CONSERVATION EASEMENT: 4.98 ACRES± (SOLLERS SUBD. TOTAL)
 - 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 "SOLLERS PROPERTY" SHALL BE RECORDED SIMULTANEOUSLY WITH THE "FINAL PLAT" ENTITLED "SOLLERS SUBDIVISION", F-00-18.
 - THIS PLAN IS FOR SITE AFFORESTATION, TREE PROTECTION AND CONSERVATION MEASURES ONLY.

SOLLERS SUBDIVISION, F-00-18

**APPENDIX E
FOREST CONSERVATION WORKSHEET**

I. BASIC SITE DATA		V. AFFORESTATION CALCULATIONS	
	ACRES (1/10 acre)		ACRES (1/10 acre)
Gross Site Area	12.4351	A. Net Tract Area	12.4351
Area Within 100 Year Floodplain	0.0	B. Afforestation Minimum (20% x A)	2.49
Area Within Agricultural Use or Preservation Parcel (If Applicable)	0.0	C. Existing Forest on Net Tract Area	0.0
Net Tract Area	12.4351	D. Forest Areas to be Cleared	0.0
Land Use Category (R-RLD, R-RMD, R-S, C/I/O, I)	R-RLD	E. Forest Areas to be Retained	0.0
II. INFORMATION FOR CALCULATIONS		SELECT THE ALTERNATIVE THAT APPLIES:	
A. Net Tract Area	12.4351	1. No Clearing Below the Minimum	
B. Reforestation Threshold (25% x A)	3.11	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)	2.49	Total afforestation required C-D = 0 - 0 = 0.0	
D. Existing Forest on Net Tract Area	0.0	AFFORESTATION MINIMUM = 2.49 *	
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	* Off-site F.C. Retention is to be done at a 2:1 ratio. Total off-site retention required is 4.98 acres.	
III. DETERMINING 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 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			

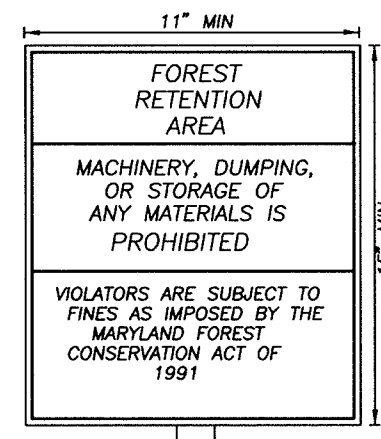
**EXHIBIT 3-2
FOREST STAND ANALYSIS TABLE**

Applicant: Charles A. Sharp Project Name: SOLLERS SUBDIVISION Submission No. F-00-18

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	TULIP POPLAR	40% - TYPICAL					
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						1	
F5	TULIP POPLAR	Gn	HARDWOOD	21						1	

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

FOREST CONSERVATION EASEMENT:	5.06 ACRES± (STIRN SUBD.)
FOREST CONSERVATION EASEMENT #1:	1.92 ACRES± (SOLLERS SUBD.)
FOREST CONSERVATION EASEMENT #2:	3.06 ACRES± (SOLLERS SUBD.)
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±



RETENTION SIGN

NOTE: SPACE SIGNS 100' APART WHERE NO FENCE EXISTS. WHERE FENCE DOES EXIST PLACE SPECIMEN TREE SIGN AS SHOWN ON PLAN.

FOREST RETENTION SIGNAGE

SOILS LEGEND:

- Gn - Glenview silt loam (Hydric)
- Co - Codorus silt loam (Hydric)
- Mt - Mt. Airy channery loam
- Gl - Glenelg loam

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

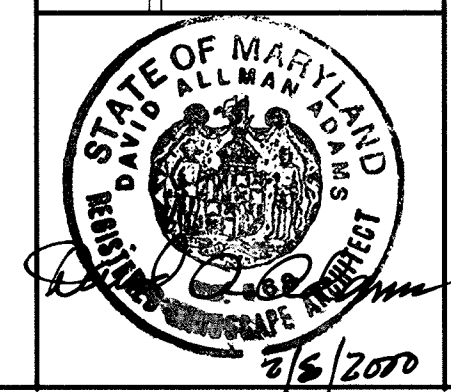
OWNER

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

DEVELOPER

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

APPROVED
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Cindy Arnold 2/14/00
CHIEF, DIVISION OF LAND DEVELOPMENT HB
DATE
3/13/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE



**FOREST CONSERVATION PLAN
(Sollers Subdivision F-00-18)
SOLLERS 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
Property to be used to meet the Forest Conservation obligations associated with Sollers Subdivision, F-00-18.
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100'
JANUARY, 2000

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
215 West Street, Suite 200, Baltimore, Maryland 21201
(410) 542-2299 (301) 851-9015 (410) 542-2751
DWG FILE NO. TA/EP/0085/09-2185/09-2185/C.DWG