

FOREST CONSERVATION WORKSHEET
Version 2.0

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Net Tract Area

- A. Total Tract Area A = 2.58
- B. Area within 100-year Floodplain B = 0
- C. Other Deductions C = 0
- D. Net Tract Area D = (A - B - C) = 2.58

Land Use Category (From Table 3.2.1, page 40, in Manual)

- E. Afforestation Threshold (D x 15%) E = 0.39
- F. Conservation Threshold (D x 20%) F = 0.52

Existing Forest Cover

- G. Existing Forest Cover (excluding floodplain) G = 0.60
- H. Area of Forest Above Afforestation Threshold H = 0.21
 - (1) If G ≤ E then H = 0 and I = 0, go to L
 - (2) If G > E then H = G - E, go to I
- I. Area of Forest Above Conservation Threshold I = 0.08
 - (1) If G ≤ F then I = 0, go to L
 - (2) If G > F then I = G - F, go to J

Break Even Point

- J. Break Even Point (amount of forest to retain with no mitigation) J = 0.54
 - (1) If I > 0 then J = (0.2 x I) + F, go to K
 - (2) If I = 0, J = 0, go to L
- K. Clearing Permitted without Mitigation (K = G - J) go to L K = 0.06

Proposed Forest Clearing

- L. Total Area of Forest to be Cleared L = 0
- M. Total Area of Forest to be Retained (M = G - L) go to N M = 0.60

Planting Requirements

- N. Reforestation for Clearing Above the Conservation Threshold N = 0
 - (1) If M > F then N = L x 0.25, P = 0, go to Q
 - (2) If M ≤ F then N = I x 0.25, go to P
- P. Reforestation for Clearing Below the Conservation Threshold P = 0
 - (1) If G > F and M > F then P = 0, Q = 0, go to R
 - (2) If G > F and M ≤ F then P = 2.0 x (F - M), Q = 0, go to R
 - (3) If G ≤ F then P = 2.0 x L, Q = 0, go to R
- Q. Credit for Retention Above the Conservation Threshold Q = 0.08
 - (1) If M > F then Q = M - F, go to R
 - (2) If M ≤ F then Q = 0, go to R
- R. Total Reforestation Required R = 0
 - (1) If Q > N and M > E then R = 0, S = 0, go to End
 - (2) If Q ≤ N and M > E then R = (N + P) - Q, S = 0, go to End
 - (3) If Q ≤ N and M ≤ E then R = N + P, go to S
- S. Total Afforestation Required S = 0
 - (1) If G < E and M < E then S = E - G, go to End
 - (2) If G < E and M = E then S = 0, go to End

Note: Use 0 for all negative numbers that result from the calculations.

Forest Protection Plan

1. Any present and future clearing, grading and/or construction proposed within 50 feet of the protected forest boundary must adhere to the following plan:
 - A. Field location of the protected forest boundary based on the critical root zone and in accordance with state forest conservation manual and the approved Forest Conservation plan (FCP#E95-17).
 - B. Installation of forest protection fencing and signs along the protected forest boundary in accordance with State adopted forest conservation manual and approved Forest Conservation Plan.
 - C. Notify the Maryland Forest Conservation program authority to arrange preclearing/grading/construction inspection of the installed forest protection devices.
 - D. Conduct the clearing, grading and/or construction.
 - E. Notify the Maryland Forest Conservation Program authority upon completion of all construction activities to request field inspection of the protect forest.
 - F. Upon approval from proper authority, remove forest protection devices.

Soils Data Sheet

Date: 06/07/94
Client: Lester Q. Chandler
Property: Snow Hill, MD. Deed Ref: 1975/131
Section and/or Block:
Lot:

Number	Hue	Value	Chroma	Texture	Texture Group	Depth	Comments
1	10yr	5	2	loamy sand	I	0-20"	fill material with brick & clam shells.
2 & 3	were determined to be the same as #1						
4	10yr	4	1	loamy sand	I	0-20"	fill material compacted

FOREST CONSERVATION NOTES

1. Subject property is shown on Worcester County Soils Map 47.
2. Soil type is Sassafras sandy loam SaB2; K > 0.35.
3. Previous man-made fill operation documented in the front and middle section of parcel. (C^h)
4. No hydric soils were detected.
5. Property is in Flood Zone C.
6. No non-tidal or tidal wetlands were observed at the site.
7. No intermittent or perennial streams or slopes exceeding 25 % were observed at the site.
8. Worcester County, Maryland Watershed Data
 - a) Watershed - 021302 - Pocomoke
 - b) Subwatershed - 2130202, Lower Pocomoke
9. No historical or cultural features were noted during investigation.
10. Past land uses were commercial. Site was previously used as a brick kiln and yard.
11. No rare, threatened or endangered species were observed during site investigations.
12. This site is not located in the Chesapeake Bay Critical Area.
13. No specimen or champion trees were noted.
14. No construction activities are to be permitted near the forest conservation area.
15. Adjacent land uses are as shown.
16. Existing forest is of the Basket Oak Association
17. Dominant tree specie: Loblolly Pine (Pinus Taeda)
Co-dominant tree specie: Sweet Gum (Liquidambar styraciflua)
18. The stand was in good condition and had favorable retention potential. Both the overstory and the understorey of the existing forest are well established. ~~Priority 2~~ FOREST RETENTION RATE WAS NOTED
19. This proposed subdivision will be served by both central water and sewage facilities.
20. The Sassafras soil series (SaB2) has been designated in the Worcester County Soil Survey as a prime agricultural soil.
21. The Sassafras soil Series (SaB2) is a very suitable soil for construction purposes and has little or no structural limitations.
22. Permanent protection signs shall be installed after recordation of the plan and removed for a particular lot after occupancy permit is granted.
23. NO STOCKPILING OF MATERIALS WILL OCCUR IN THE DESIGNATED FOREST RETENTION AREA.

APPROVED
Forest Conservation Plan

Katie M.K. Kaine
(authorization)

November 13, 1995
(date)

State of Maryland
Forest Conservation Program

FCP # E95-17
Brick Kiln Estates Subdivision
Tax Map 201, Parcel 644
Snow Hill, Worcester County
Maryland

SIMPLIFIED FOREST STAND DELINEATION
& FOREST CONSERVATION PLAN E95-17
"Brick Kiln Estates"
2nd Election District, Town of Snow Hill,
Worcester County, Maryland
Sheet 2 of 2

REVISIONS	BY

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Date	Nov. 10, 1995
Scale	As Noted
Drawn	RLG
Job	
Sheet	3
Of	3 Sheets

FILED
Nov 16 10 07 AM '95
RICHARD H. CUTTEN
CLK. CT. CL.
WOR. CO.

