

CRITICAL AREA FOREST CLEARING PLAN

Please attach site plan.

Property Owner_____

Address of property_____

Election District_____ Map_____ Grid_____ Parcel_____ Lot_____

Size of property_____square feet/acres

Total disturbed area_____square feet/acres

Some forest in the Critical Area may be cleared if there is a plan for replacement. Up to 20% of the forest may be removed if an equal area is afforested. 20%-30% may be removed if 1.5 times the area is afforested. Removal of more than 30% is not permitted.

Please list types of plants to be removed and types to be planted (include size of replacement trees and whether balled and burlap or container grown). See the Forest Mitigation Requirements on the back of this sheet to calculate replacement requirements.

Understory to be removed.

Understory to be replanted (See the Forest Mitigation Requirements on the back of this sheet to calculate replacement requirements).

Canopy trees to be removed.

Canopy trees to be replanted (See the Forest Mitigation Requirements on the back of this sheet to calculate replacement requirements).

Proposed Maintenance Plan.

Signature_____ Printed name_____

Mailing Address_____

_____ Daytime phone_____

CRITICAL AREA FOREST CLEARING PLAN: FOREST MITIGATION REQUIREMENTS

The calculations below are based on replacement of tree or understory canopy. Tree replacement is calculated by plant spacing on 8-foot centers (8X10) and based on trees that have either 1½-2 inch calipers or are 5-8 feet tall. Understory replacement is calculated by plant spacing on 5-foot centers (5X5) and based on understory plantings that are a minimum of 1 gallon in size.

Figure the square footage of the proposed disturbed area and divide that figure by 43,560 square feet (one acre). Multiply that number by 544 for tree removal (trees per acre based on tree spacing on 8-foot centers) or 1,742 for understory removal (understory planting per acre based on spacing on 5-foot centers). The resulting number will equal the replanting plan. This replanting plan may include a mixture of trees and understory plantings and will be decided on a case-by-case basis according to existing lot conditions.

Enter the square footage of canopy or understory proposed for removal into the equation below to calculate the appropriate mitigation requirement to produce a potential replacement canopy or replacement understory plantings. Always round up when a calculation results in a half number 5 (0.5) or greater (i.e.: 1.5=2 trees). If the proposed canopy to be removed equals 20-29% of the total forested area, then multiply the total number of trees or shrubs to be replanted by 1.5. Removal of 30% or more of total forest area is not permitted.

Canopy Mitigation Calculation: Deciduous/hardwood trees must be replaced by deciduous/hardwood trees, and Coniferous/evergreen trees must be replaced by coniferous/evergreen trees. Native cultivars are recommended.

_____ /43,560 X 544 = _____ trees to be replanted
square footage of disturbed area

Understory Mitigation Calculation: Understory plantings must be replaced by understory plantings. Native species are recommended.

_____ /43,560 X 1742 = _____ understory plantings to be replanted
square footage of disturbed area