



TREE PROTECTION AREA WORKSHEET

1. Number of acres _____ times 43,560 = _____ square footage of the site.
2. Square footage _____ times 0.15 = _____ required area for tree protection.
3. Required tree protection area _____ square feet minus _____ square feet proposed for tree protection = _____ square feet deficient for the site.



MINIMUM TREE COVERAGE WORKSHEET

1. To determine the number of coverage trees required on-site, divide the square footage of the site by 2,500. For example: 0.75 acres equals 32,670 square feet [0.75 times 43,560 = 32,670 square feet]. Then divide 32,670 square feet by 2,500 square feet = 13.07 (number of trees required).
2. _____ acres of site area times 43,560 divided by 2,500 = _____ required number of trees.
3. To determine the inches DBH required for minimum coverage, multiply the number of trees by 6". For example, 13.07 trees at 6" per tree equals 78.42 inches DBH required for tree coverage.
4. _____ number of trees [from #2 above] times 6" = _____ minimum DBH inches for tree coverage.

To determine the amount of your tree coverage credit, answer the following questions:

5. How many DBH inches of specimen trees will you retain after development? _____
6. How many DBH inches of non-specimen trees will you retain? _____
7. Add #5 to #6 to get the total credit of DBH inches for tree coverage requirement:

8. Figure out whether the site is deficient in terms of tree coverage by taking the answer to #4 above and subtracting #7. The result is the number of inches which must be added to the landscape plan.
9. _____ amount of deficiency, in inches.

If this is 0, or a negative number, there is no deficiency. If this is a positive number, you will need to plant the inches shown in Step 9 on site.



SPECIMEN TREE WORKSHEET

1. How many specimen trees are on-site? _____.
2. Determine the number of specimen trees per acre by dividing the answer from Step 1 by the acreage = _____.
3. See Section 33-57.05 to get the minimum number of specimen trees to be retained per acre (Shown in table below).

Number of Specimen Trees	Minimum Specimen Tree Protection Requirement
Less than three per acre	100 percent of all specimen trees
3 to 5 per acre	3 per acre
More than 5 to 8 per acre	4 per acre
More than 8 per acre	50 percent of all specimen trees per acre up to a maximum of 8 trees per acre

4. Multiply the number of specimen trees to be retained per acre (in Step 3 above) by the acreage of the site:
_____ trees times _____ acres of the site equals the minimum number of specimen trees required to be protected on-site = _____.
5. How many specimen trees do you propose to keep on the site: _____?

Subtract the answer in Step 4 above from this number:

_____ minus _____ = _____. If this is a negative number, then the site does not meet the minimum Specimen Tree Protection Requirement.

If it is a positive number, you meet the minimum specimen tree coverage requirements and can start the Tree Replacement Worksheet.



TREE REPLACEMENT WORKSHEET

1. Number of inches of Historic Tree Removals _____ times 1.0 = _____
Historic Tree replacement inches (Attach City Commission Resolution Authorizing the Removal).
2. Number of inches of Specimen Tree Removals _____ times 0.5 = _____
Specimen Tree replacement inches.
3. Number of Laurel Oaks larger than 20" DBH in deteriorated condition removals _____ times 2" = _____ Deteriorated Laurel Oak replacement inches (Attach Arborist Report).
4. Number of inches of all other Protected Tree Removals _____ divided by 3 = _____ Protected Tree replacement inches.
5. The sum of steps 1 through 4 _____ equals the Total Number of Tree Replacement Inches.