

### **6.21.5 STREET NAMES AND SIGNS – PUBLIC AND PRIVATE STREETS**

- 6.21.5.1** Names of streets which duplicate or can be confused with the names of existing streets within Orange County, shall not be approved. New street names shall be reviewed and approved by Orange County Information Technology so as to avoid duplication and/or unnecessary confusion caused by similar street names.
- 6.21.5.2** Extensions of existing and named streets shall bear the name of such existing streets.
- 6.21.5.3** House numbering will be assigned by the Planning Department in accordance with town policies.
- 6.21.5.4** Approved street name signs shall be erected by the applicant at the intersection of streets as specified in the *Manual of Uniform Traffic Devices*.

## **6.22 TREE PROTECTION STANDARDS**

### **6.22.1 PURPOSE AND INTENT**

It is the intent of this section to protect and promote the public health, safety, and general welfare by requiring the preservation, maintenance, and protection of the tree coverage area. Preservation of the tree coverage area helps to reduce carbon emissions and decrease the urban “heat-island” effect.

### **6.22.2 APPLICABILITY**

Every application for Master Plan, Site plan, Special Use Permit, Conditional Use Permit or grading plan for a site 10,000 sf or larger or any modification to any of the listed permit types shall provide a tree inventory and protection plan. This plan shall also be included in the grading plan of the construction drawings for any of the review types listed.

Applicants submitting a grading plan as part of a Zoning Compliance Permit application where no building or structure is proposed shall also submit provide a tree inventory and protection plan.

### **6.22.3 REQUIREMENTS**

- 6.22.3.1** Grading and tree protection plans shall indicate the limits of the area to be disturbed. This limit shall be marked in the field with tree protection fencing and signs and shall be verified by Planning Staff before grading work begins.
- 6.22.3.2** Tree inventories shall identify all canopy trees on site including the diameter (dbh) and species. Plans shall clearly indicate the trees to be removed and those to remain.
- 6.22.3.3** For sites exceeding 20 acres, the applicant may provide 100’ X 100’ sample survey areas for each separate undisturbed portion of the site containing an acre or more.

**6.22.3.4** When an application only approves the installation of infrastructure for a site and the creation of lots for single family residential development, survey data is required within the disturbed areas of the site.

**6.22.3.5** Applications shall clearly state, in table form:

- (a) the number of canopy trees to be removed
- (b) an estimate of the number of canopy trees being retained
- (c) the number of trees 24" or greater dbh to be removed
- (d) the percentage of tree cover area before development
- (e) the percentage of tree cover area after development.

**6.22.3.6** For each 24" or greater tree proposed for removal, the applicant shall indicate all design alternatives considered to allow the retention of the tree.

**6.22.3.7** A tree protection plan will show the tree coverage area before development and shall indicate which method was used to calculate the tree coverage area.

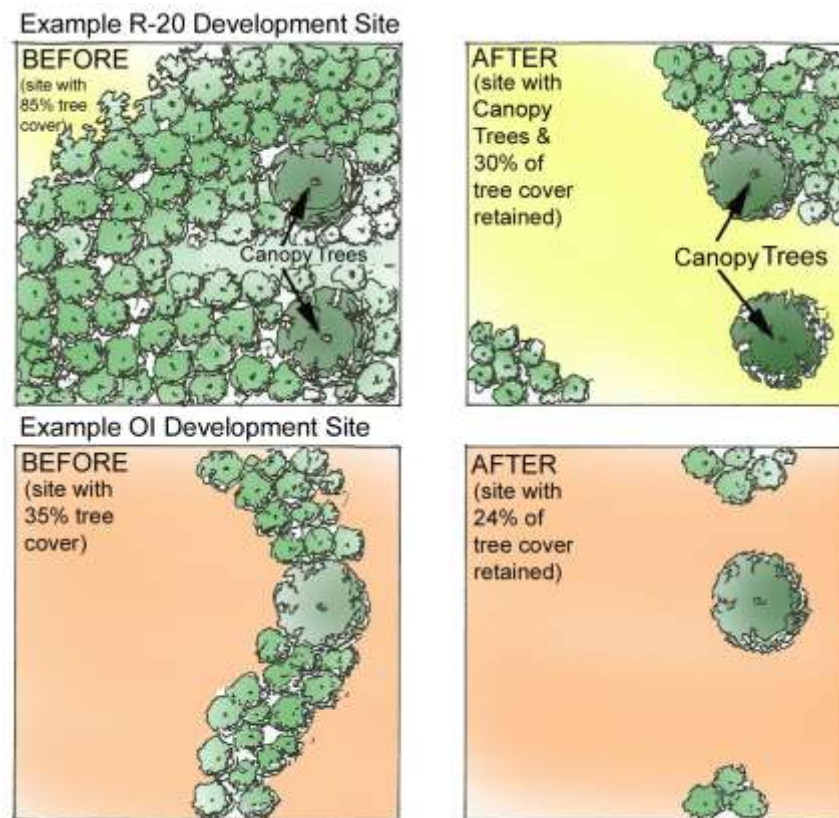
#### **6.22.4 STANDARDS**

**6.22.4.1** Applications shall clearly state the number of canopy trees to be removed, along with an estimate of the number being retained on site.

**6.22.4.2** Applications shall also include a calculation of percentage of the site covered by tree coverage area before and after development.

- (a) For sites with existing, pre-development tree coverage area that covers 25% or less of the site, it is expected that the developed condition of the site shall not reduce this percentage.
- (b) For sites with existing, pre-development tree coverage area that covers more than 25% but less than 50% of the site, maintenance of the tree coverage area is required.
- (c) For sites with existing pre-development tree coverage area that covers more than 50% of the site, some reduction of that percentage may be approved by the permit issuing authority.

**Figure 6-11: Tree Protection Zone**



**6.22.5 PRIORITY TREE RETENTION AREAS**

Priority areas for retention of existing trees and vegetation shall include the following (listed in priority order from highest priority to lowest priority):

- (a) Areas containing canopy trees 24" dbh or greater and their critical root zones
- (b) Areas containing groups or stands of mature trees that provide important design, buffering, forest preservation, or wildlife functions.
- (c) Riparian buffers, wetlands, or wetland protection areas
- (d) Areas with a natural grade of 15% or more
- (e) Areas needed for required landscaping
- (f) Wildlife habitat or other sensitive natural areas.

**6.22.6 REVEGETATION**

**6.22.6.1** If canopy trees are removed from an area not designated for removal on the approved grading plan, the applicant shall replant trees on an inch per inch basis based on caliper or trunk diameter the size of the removed canopy tree(s) elsewhere on the site, OR preserve an additional area on the site with comparable tree composition that is the same size as the area damaged. For example, if 6 canopy trees are improperly

removed from a site, each with a 10" diameter trunk, 60" of new trees must be planted on site OR 60" worth of new canopy trees must be preserved on site.

**6.22.6.2** Planted trees will be of a similar species, if available, and shall be a minimum of 2" caliper at time of planting.

**6.22.6.3** If a site does not contain sufficient space to create healthy habitat for the needed replanting, the applicant may make a payment to the Town (to be used for planting by the Tree Board) in an amount equal to the cost of acquiring and planting the required trees OR may make the plantings elsewhere but within the development in which the site is located, if applicable.

## **6.23 WASTE MANAGEMENT & RECYCLING**

Plans for site and development waste management and recycling must comply with the Orange County Solid Waste Management Ordinance, provisions of the Town Code relative to solid waste service, and screening provisions in *Section 6.16, Screening*.

## **6.24 WASTEWATER DISPOSAL**

Plans for a proposed public or community sewage system shall be approved by the Town Engineer, Health Department, or Director of the Division of Environmental Management, whichever is appropriate.

On-site septic tanks shall comply with *Section 4.5, Other Zoning Districts*, where applicable, and be approved by the Orange County Health Department and/or other agency with jurisdiction.

## **6.25 WATER SUPPLY**

Plans for a proposed public or community sewage system shall be approved by the Town Engineer, Health Department, or Director of the Division of Environmental Management, whichever is appropriate.