



Site Drawings & Tree Protection

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There are many reasons why trees need to be protected. Trees are important in historic districts for a number of reasons. The tree canopy contributes to the character of the neighborhood. Trees also provide context for the surrounding buildings.

Terms to Know

Critical Root Zone (CRZ)	The area uniformly encompassed by a circle with a radius equal to one and one-quarter (1.25) foot per inch of the diameter of a tree trunk measured at four and one-half (4.5) feet above the ground, with the trunk of the tree at the center of the circle.
Diameter at Breast Height (DBH)	The diameter of the trunk of a single-trunk tree measured at 4.5 feet (54 inches) above grade.
Non-Regulated Tree	A tree in which the diameter of the trunk at breast height is less than 8 inches. These trees do not need to be included in the Site Drawings and Tree Protection submissions.

Design Guidelines Addressing Trees

Selected guidelines developed by the Raleigh Historic Development Commission are shown below. For all guidelines related to trees, refer “Design Guidelines for Raleigh Historic Districts and Landmarks.”

- 1.3.1** Retain and preserve the building and landscape features that contribute to the overall historic character of a landmark or district, including trees, gardens, yards, arbors, ground cover, fences, accessory buildings, patios, terraces, fountains, fish ponds, and significant vistas and views.
- 1.3.5** Replace a seriously diseased or severely damaged tree or hedge with a new tree or hedge of a similar or identical species of appropriate scale. It is not appropriate to remove healthy, mature trees.
- 1.3.6** Design new construction or additions so that large trees and other significant site features, such as vistas and views are preserved.
- 1.3.7** Protect large trees and other significant site features from immediate damage during construction and from delayed damage due to construction activities, such as loss of root area or compaction of the soil by equipment. It is especially critical to avoid compaction of the soil within the critical root zone of trees.

Plan Examples

The following pages include examples of acceptable documents to be submitted. Other documents may be submitted if they follow RHDC guidelines, and include all required elements.

- 1** Existing Conditions & Demolition Plans
- 2** Site Plan & Proposed Additions
- 3** Tree Protection Plan

Below is a legend showing examples of the elements that should be included in the plans if present. The circled number to the right of the element corresponds to the number of the plan the element should be displayed in.

1

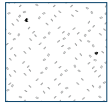
Existing Conditions & Demolition Plans

2

Site Plan & Proposed Additions

3

Tree Protection Plan



Concrete

1 2 3



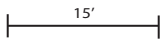
Construction Access

3



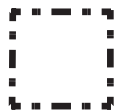
Critical Root Zone

2 3



Dimension Line

1 2 3



Fencing

1 2 3



Graphic Scale

1 2 3



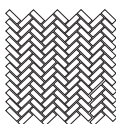
Mulch

1 2 3



North Arrow

1 2 3



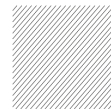
Pavers

1 2 3



Property Boundary

1 2 3



Proposed Addition

2 3



Proposed Alteration

1 2 3



Building

1 2 3



Retaining Wall

1 2 3



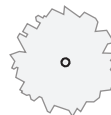
Steps

1 2 3

ANY STREET

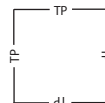
Street Name

1 2 3



Tree

1 2 3



Tree Protection Fencing

3

