
Index 110-100 Tree Protection and Preservation

ORIGINATION

Date: July 23, 2018

Name: Ashley Hagan Binder

Phone: (850) 414-4561

Email: ashley.binder@dot.state.fl.us

COMMENTARY

Changed Notes 1 and 8; Added Note 9; Changed the "Crown Dripline..." in the TREE PROTECTION BARRIER-PLAN and ELEVATION dimension; Changed the "No Open Trenching..." dimension; Added root pruning trenches; Changed the "Maintain Existing Grade..." call out in the TREE PROTECTION BARRIER-ELEVATION detail; Changed the "Crown Dripline" call out; Added Access to the PROTECTION BARRIER FOR TREE GROUPINGS detail; Changed Note 1 in the TRUNK PROTECTION detail.

COMMENTS AND RESPONSES

BLACK = Industry Review Comments **RED** = Standard Plans Response

Name: Daniel Kastelic

Date: August 23, 2018

COMMENT:

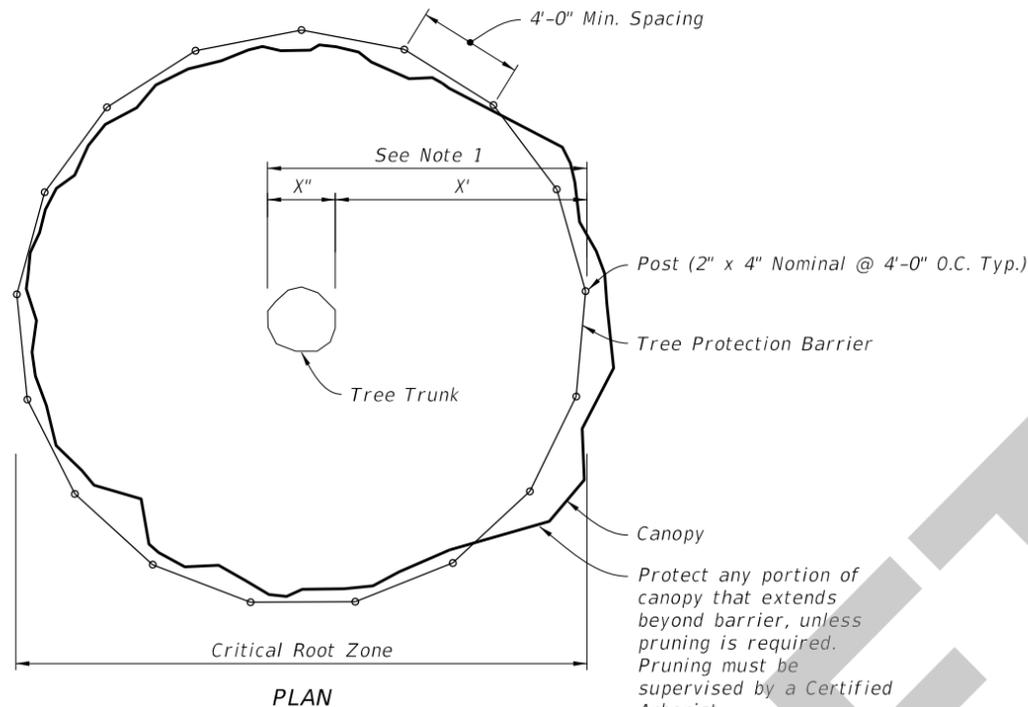
'Posts' labeled in the plan views should be a minimum 2 x 4 member size and spaced a minimum of 4' O.C.

RESPONSE:

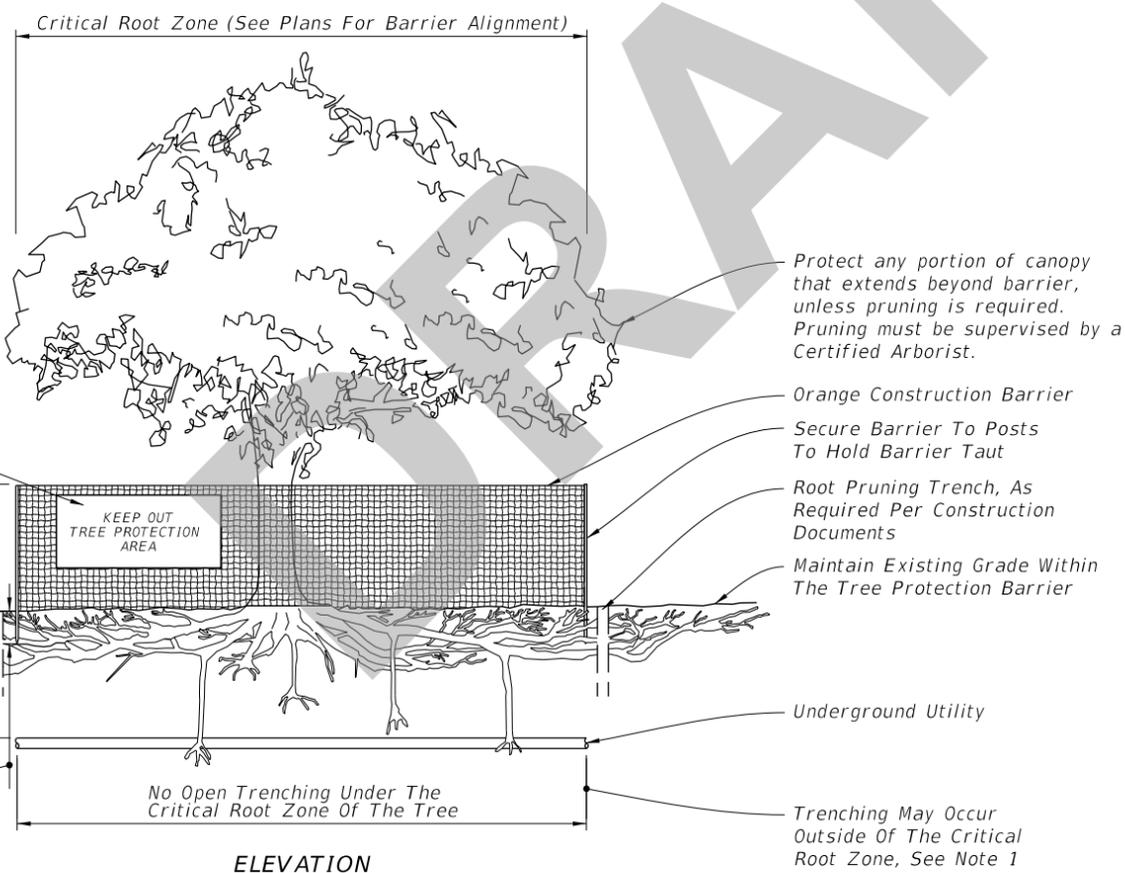
Drawing updated to include the post size and spacing.

NOTES:

1. Critical Root Zone: Extends in all directions from trunk of tree to a distance equal to one foot per inch of trunk diameter at breast height.
2. Staging, storage, dumping, washing and operation of equipment is not permitted within the limits of the tree protection barrier, including during barrier installation.
3. Install all tree protection prior to commencement of construction and remove when directed by the Engineer. Maintain protection at all times.
4. For closely spaced groups of trees, place the tree protection barrier around the entire group.
5. Inspect trunk protection and tree quarterly to prevent girdling. Adjust bands to allow tree growth as needed.
6. See plans for any additional requirements or modifications within the tree protection area.
7. Place weather resistant sign every 50' along the barrier, with 6" minimum text height and provide text in English and Spanish. Sign should read "Keep Out Tree Protection Area".
8. Alternate tree protection systems approved by the Engineer may be used in lieu of the tree protection barrier detailed on this Index as long as the critical root zone is protected.
9. The Critical Root Zone may be reduced, in the field, by a certified Arborist or Landscape Architect.

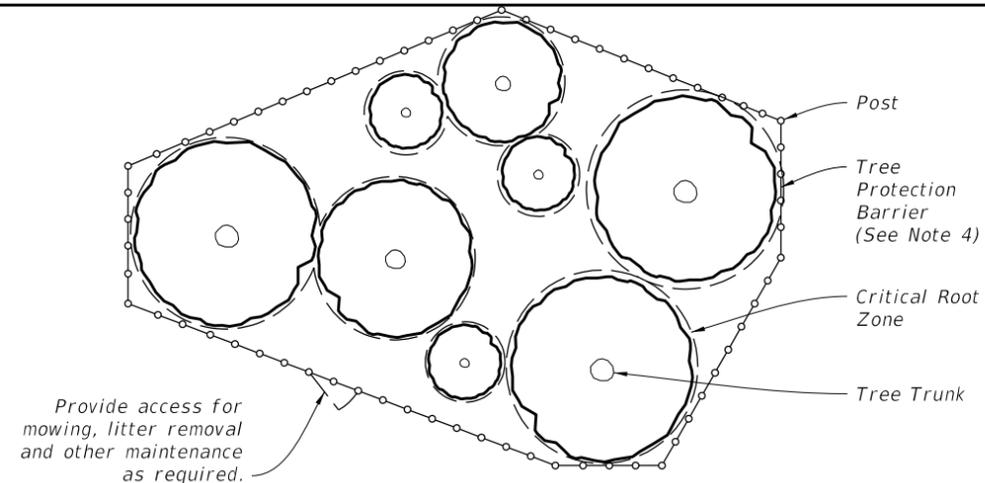


PLAN



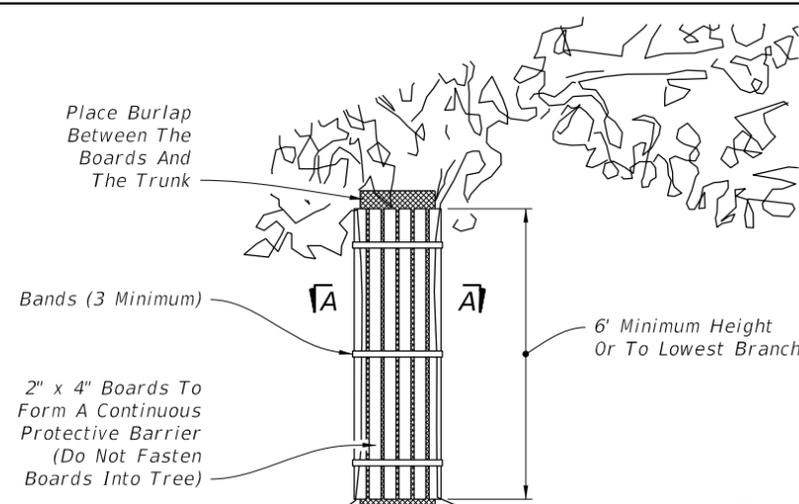
ELEVATION

TREE PROTECTION BARRIER

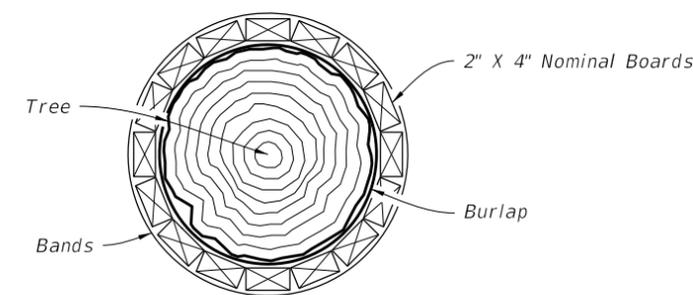


PLAN

PROTECTION BARRIER FOR TREE GROUPINGS



ELEVATION



SECTION A-A

NOTES:

1. Trunk protection may be used when Tree Protection Barrier can not be reasonably erected, when approved by Engineer.
2. See Selective Clearing and Grubbing Plan for location of trunk protection, when applicable.
3. Adjust bands to allow tree growth (inspect quarterly to prevent girdling).

TRUNK PROTECTION

9/10/2018 7:06:41 AM

LAST REVISION 11/01/18	REVISION	DESCRIPTION:		FY 2019-20 STANDARD PLANS	TREE PROTECTION AND PRESERVATION	INDEX 110-100	SHEET 1 of 1
---------------------------	----------	--------------	--	------------------------------	----------------------------------	------------------	-----------------