



# **Chapter 13**

## **Tree and Landscape Code**

### **Technical Manual**

**City of Tampa, Florida**

**Ordinance # 2006-74**  
**Effective date of Ordinance**  
**3/23/06**

## **PREFACE**

The Technical Manual provides the public and other city departments with all the technical requirements and information corresponding to the Tree Protection, Site Clearing and Landscape Ordinance. It includes:

- submittal requirements for existing development tree removal permits which are non-construction related,
- submittal requirements for right-of-way tree trimming permits,
- submittal requirements for residential and non-residential site clearing permits,
- submittal requirements for non-residential site plan-landscape review,
- submittal requirements for conceptual landscape review, non-residential resurface/landscape requirements, tree and landscape guarantees,
- technical standards for plant materials,
- criteria for subdivision review including preliminary plat, construction drawings and final plat,
- subdivision permitting requirements at preliminary plat and construction drawing approval stages,
- informational illustrations, and
- permit forms.

This document is a compendium of ordinance requirements of a technical nature; policy statements and industry accepted standards.

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# **I. Non-Residential and Residential Review and Permitting**

## **A. Non-Construction Related Tree Removal Permit Submittal Requirements:**

Submit a complete permit application for a tree removal permit containing the following information:

1. The name and address of the applicant and the owners of the property.
2. A legal description of the property.
3. A sketch plan, which shows the protected trees to be removed, relocated or replaced.

## **B. Right-of –Way Tree Trimming Permit Submittal Requirements:**

Submit a complete permit application for tree trimming permit containing the following information:

1. The name and address of the applicant and the owners of the property.
2. The location and identity of protected trees that are proposed to be trimmed.
3. A statement of why the protected trees should be trimmed.

## **C. Residential Demolition Permit Submittal Requirements:**

1. Demolition with no trees being removed
  - a. Boundary survey
  - b. Existing trees accurately located or photographs
  - c. Location of existing structure to be demolished
2. Demolition with tree removal (non-construction)
  - a. Boundary survey
  - b. Existing trees accurately located
  - c. Location of existing structure
  - d. Explanation for tree removal request
3. Demolition with tree removal (construction related)
  - a. Boundary survey
  - b. Existing trees accurately located
  - c. Submission of building permits with structural plans and site plans

## **D. Residential and Non-Residential Site Clearing Permit Submittal Requirements:**

Submit a complete permit application for site clearing, tree removal and replacement with a site plan containing the following information:

1. The name and address of the applicant and the owners of the property.
2. A legal description of the property.
3. A site plan of the property which includes the following:
  - a. A tree survey overlay at the same scale as the site plan, which locates all protected trees and Grand trees on the property and with 20' on adjacent property, identified by d.b.h. and species. Dead or diseased trees shall be identified. Groups of trees in close proximity (i.e., those within 5' of each other) may be designated as a grouping of trees, with the predominant species, estimated number and average caliper indicated.
  - b. A 1" – 100' infrared aerial overlay, a high resolution black and white aerial overlay, or a print of equal character may be substituted for a tree survey in instances where the Department determines that they would provide the same information as the tree survey. Aerial photographs shall be accompanied by a tree count which identifies protected trees by size and specie.

Surveys over 5 acres shall be performed by a licensed registered surveyor.

- c. Location of all structures, improvements, rights-of-way, and easements on the property. Structures shall be dimensioned and square footage provided.
- d. An explanation of how trees are to be protected during site clearing activities in accordance with Department standards. (See pages 13 –15)
- e. Proposed grade changes with details of how protected trees are to be safely maintained, i.e. properly drained and/or aerated or any other techniques that may be required to assure proper tree protection. (See detail page 14).
- f. The location of all wetlands, if applicable, and details of how they are to be protected i.e., silt screens or other approved techniques during site clearing activities in accordance with Department standards. A letter of approval shall accompany wetland delineation from the appropriate environmental agency. In addition, the 25' average wetland setback shall be indicated on the plan.
- g. An erosion control statement in accordance with department standards.
- h. Highlighted areas designated for equipment storage and construction staging. This shall include all areas to be used for equipment access.
- i. The name, signature, seal, and address of the site surveyor who shall be responsible for the accuracy of the information provided.
- j. Site plan should include how the applicant proposes to relocate, remove or replace protected trees.
- k. Site plan should include designation of protected trees to be relocated, replaced or contributed.
- l. Site plan should include how the tree-planting requirements will be met.

- m. If existing protected trees are to be relocated, a designation of the proposed location where they are proposed to be replanted. If protected trees are to be replaced, the species of recommended trees that are proposed, and the location where they are proposed to be replanted. If recommended trees are proposed to be contributed to the Tree Trust Fund to replace protected trees, the number and species of trees proposed to be contributed.

#### **E. Non – Residential Landscape Plan Review Submittal Requirements:**

Submit a complete site plan review application for a commercial landscape plan submittal containing the following information:

1. The name and address of the applicant and the owners of the property.
2. A legal description of the property.
3. A landscape and tree planting plan of the parcel which includes the following:
  - a. Location of all existing or proposed structures, public and private service facilities or improvements, parking areas, vehicular use areas, vehicular display areas, right-of-way, easements on the property, existing and proposed elevations and surveyed wetland jurisdiction lines. Wetland surveys shall be accompanied by a letter of approval from the appropriate jurisdictional agency. In addition, the 25' average wetland setback shall be indicated on the plans.
  - b. The location of all protected trees and Grand trees on the property and within 20' on adjacent property, identified by d.b.h. and species. Dead or diseased trees shall be identified groups of trees in close proximity (i.e., those within 5' of each other) may be designated as a grouping of trees, with the predominant species, estimated number and average caliper indicated. Surveys over 5 acres shall be performed by a registered land surveyor as defined and regulated by Chapter 471, Florida Statutes, and shall be certified to and sealed by such surveyor.
  - c. Designation of protected trees to be removed, relocated or replaced.
  - d. A table of trees to be removed replaced or credited in accordance with Schedule "E" of the Chapter 13.
  - e. If existing protected trees are to be relocated, or replaced: a designation of the proposed locations.
  - f. A statement specifying how the development will comply with landscape and tree planting requirements.
  - g. The location of all landscaped areas proposed to be planted on the site. This shall include identification of all proposed plant materials and recommended and protected trees that shall be placed in these areas, and specific locations.
  - h. A table calculating the green space area provided on the site. This percentage shall be divided into vehicular use area/common parking area landscape and overall site percentage landscape (excluding vehicular use areas/common

parking area). If retention/detention ponds are used in the green space percentage, provide cross sections and square footage. (Engineering plans are acceptable.)

- i. Address of site on plan.
- j. Trees or shrubs that exceed (20) feet in height at maturity shall not be planted within (10) feet either side of the vertical plane of the center line of existing power lines excluding service wires unless approved by the Department.

Refer to the list of trees suited for power line planting in the chapter.

4. The landscape and tree planting plan shall bear the name, signature, address, and seal of the preparing registered landscape architect or licensed nurseryman as defined and regulated by Chapter 58, Florida Statutes for parcels over five (5) acres.

## **F. Conceptual Landscape Plan Review Submittal Requirements**

Plans submitted for review of PD re-zoning requests or preliminary review shall contain the following information, in order to determine impacts on natural resources.

1. A tree survey overlay at the same scale as the site plan, which locates all protected trees and grand trees on the property and within 20' on adjacent property, identified by d.b.h. and specie. Dead or diseased trees shall be identified. Groups of trees in close proximity (i.e. those within 5' of each other) may be designed as a grouping of trees with the predominant species, estimated number and average caliper indicated. Surveys over 5 acres shall be performed by a licensed registered surveyor.
2. Location of all structures, improvements, rights-of-ways and easements on the property. Landscape islands, buffers and structures shall be dimensioned and square footage provided.
3. A statement specifying how development will comply with the landscape, wetland setbacks, tree preservation and tree planting requirements of the City of Tampa.
4. A table calculating the green space area provided on the site, as required in Section 13-161. If retention/detention ponds are used in the green space percentage provide cross sections and square footage.

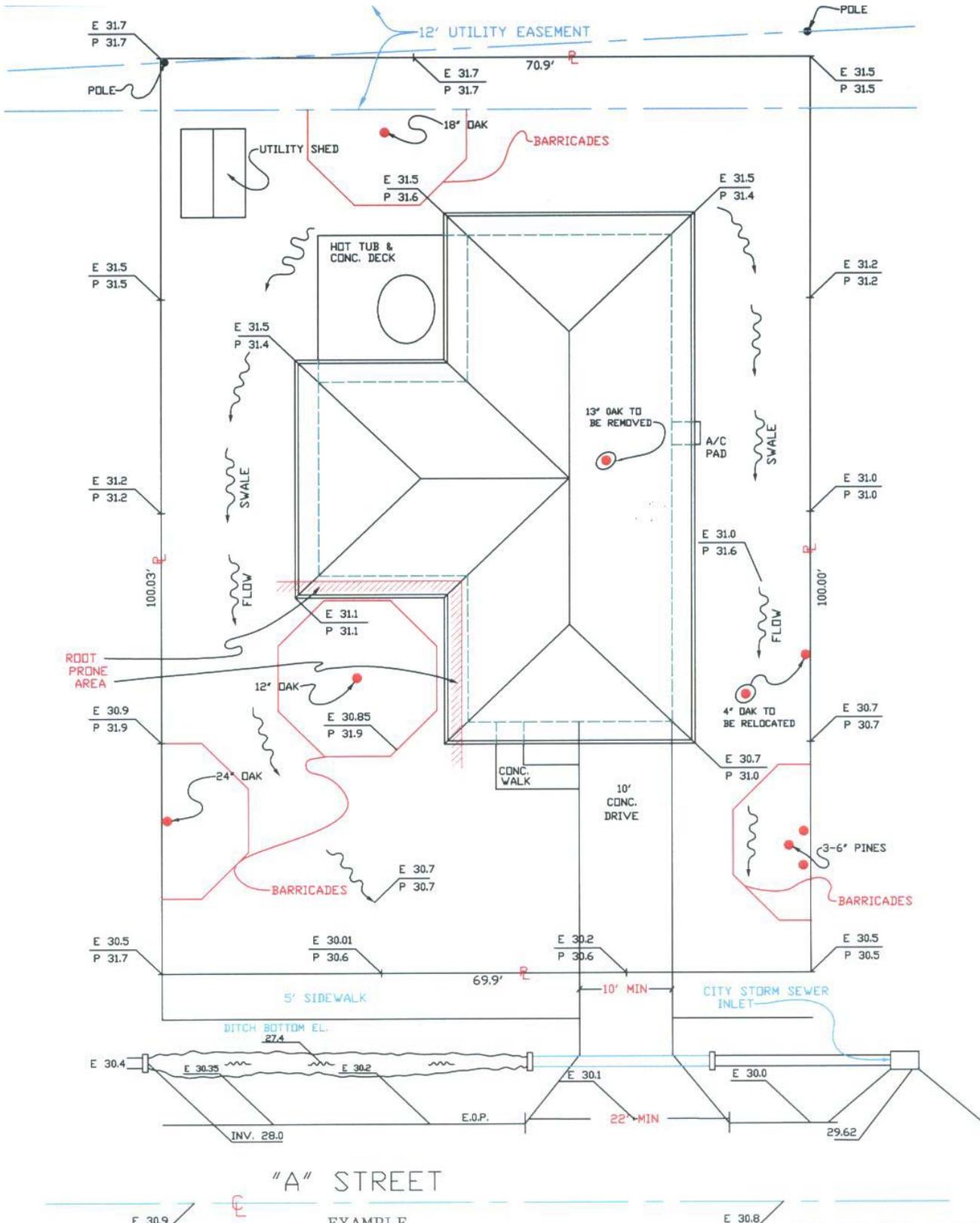
Note the Department will not require detailed landscape plans at the conceptual submittal. However, if the Department determines the plan will not meet minimum criteria, additional information may be requested.



City of Tampa  
 Construction Services Center  
 1400 North Boulevard  
 Tampa, FL 33607

## TREE REMOVAL AND SITE CLEARING APPLICATION

PLEASE TYPE OR PRINT CLEARLY			
1. Contractor/Qualifier Name:		1a. Qualifiers Social Security Number:	
2. Business Name:		3. Applicants Name (if other than contractor):	
4. Property Owners Name:		5. Name of person to be contacted regarding this project:	
Street Address:		Street Address:	
City	State	Zip	City State Zip
Daytime Phone:		Daytime Phone:	
6. Project Number:	7. Job Site Address:		
8. Legal Description:			9. Lot or Parcel Size
Lot:	Block:	Subdivision:	_____ sq. ft. _____ acres
10. Project Type (check one): <input type="checkbox"/> Tree Removal <input type="checkbox"/> Site Clearing <input type="checkbox"/> Both <input type="checkbox"/> Grand Tree Pruning		11. Site Clearing For: <input type="checkbox"/> Construction <input type="checkbox"/> Underbrush Only <input type="checkbox"/> Foundation Area Only <input type="checkbox"/> Subd. or P.U.D. Common Areas	
12. Description of Work to be Performed under this permit:			
13. Number of Trees to be Removed or Pruned:	13a. Check One: <input type="checkbox"/> Residential <input type="checkbox"/> Commercial	14. Reason for Removal: <input type="checkbox"/> Construction <input type="checkbox"/> Dead or Diseased or Damaged <input type="checkbox"/> Foundation Area Only <input type="checkbox"/> Other: _____	
15. Method of Removal: <input type="checkbox"/> Cutting <input type="checkbox"/> Transplanting On Site <input type="checkbox"/> Transplanting Off Site	16. Does subject parcel directly abut jurisdictional wetland conservation area? <input type="checkbox"/> Yes <input type="checkbox"/> No	17. If yes, will proposed development occur within 30 feet landward of this wetland area? <input type="checkbox"/> Yes <input type="checkbox"/> No	
18. Permit fees are calculated by Permit Technicians at time of submission.			
<p>19. I certify, together with plans and specification, this application shows a true representation of the work to be accomplished under this application. It is understood that any false information or deviation from the original documents will render this permit issued under this application null and void, unless approved by the Director. The permit issued under this application is invalid after 6 months if the project is not started for which this permit was issued and there will be no refund. I agree to conform to all building department regulations and ordinances regulating building and zoning. I will replace trees as required by Chapter 13, City of Tampa Code.</p> <p>NOTE: IT IS THE RESPONSIBILITY OF THE APPLICATION HOLDER TO CALL FOR ALL INSPECTIONS.</p> <p>FAILURE TO COMPLY WITH THE MECHANIC'S LIEN LAW CAN RESULT IN THE PROPERTY OWNER PAYING TWICE FOR BUILDING IMPROVEMENTS.</p>			
20. Signature of Applicant:			Date:



"A" STREET

EXAMPLE RESIDENTIAL SITE PLAN

DRAWING NOT TO SCALE

LENGEND

- E.O.P. EDGE OF PAVEMENT
- EL. ELEVATION
- ~ DIRECTION OF FLOW
- ROOF PITCH (DOWN)
- CENTER LINE
- PROPERTY LINE

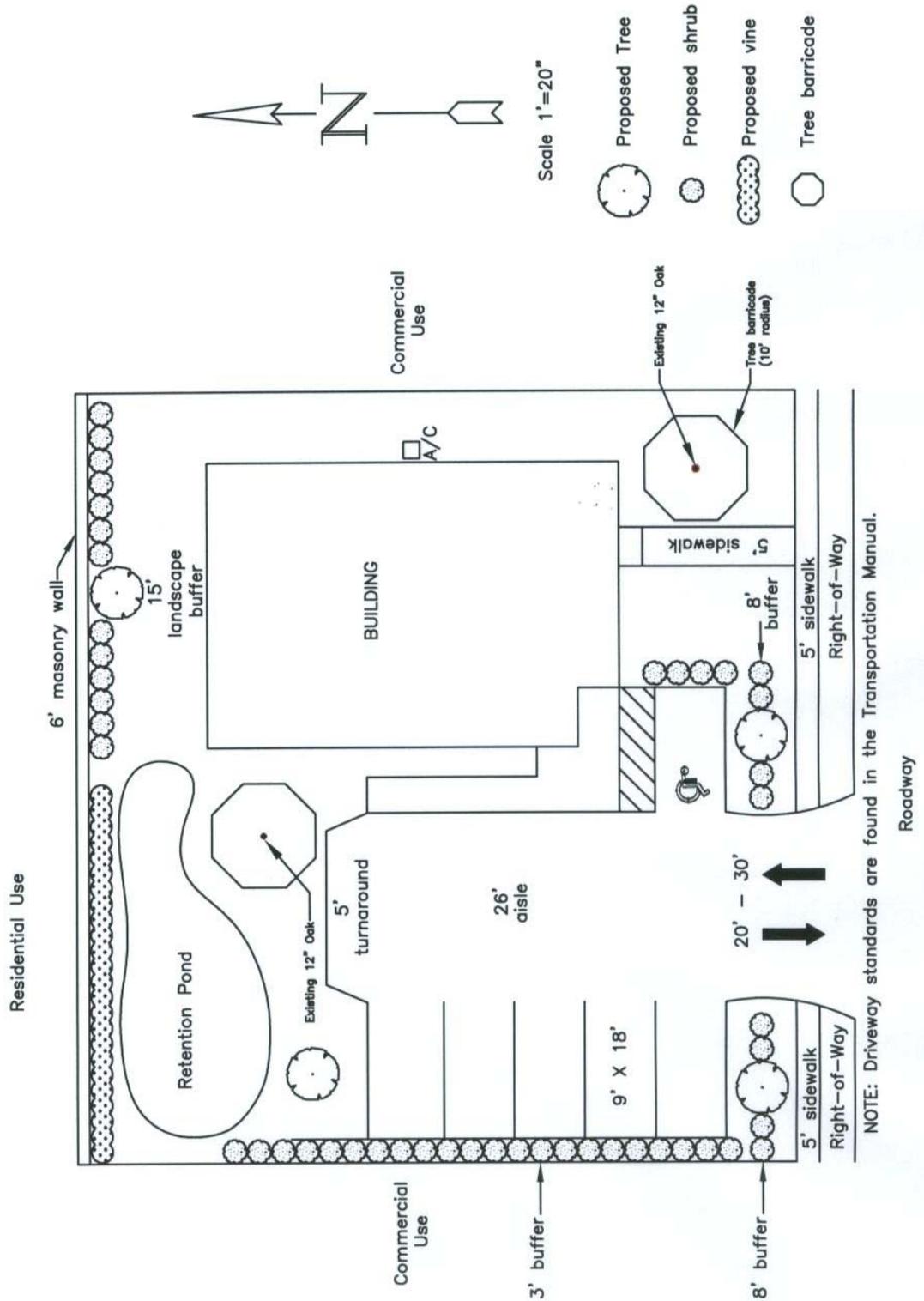
LEGAL

LOT 1, BLK. 4 SMITH SUBDIVISION

ACME CONSTRUCTION CO. TAMPA FL.	
4/1/90 BY D.I.P. FOR MR MRS. I.M. NEW HOUSE	
PHONE # 123- 456-7890	1 OF 2

L:\DWG\John\TOMS\_EXAMPLE.dwg\_Layout1\_7/5/2005 10:56:56 AM, hts15, 1:1

# CITY OF TAMPA COMMERCIAL SITE PLAN EXAMPLE



Scale 1"=20"

- Proposed Tree
- Proposed shrub
- Proposed vine
- Tree barricade

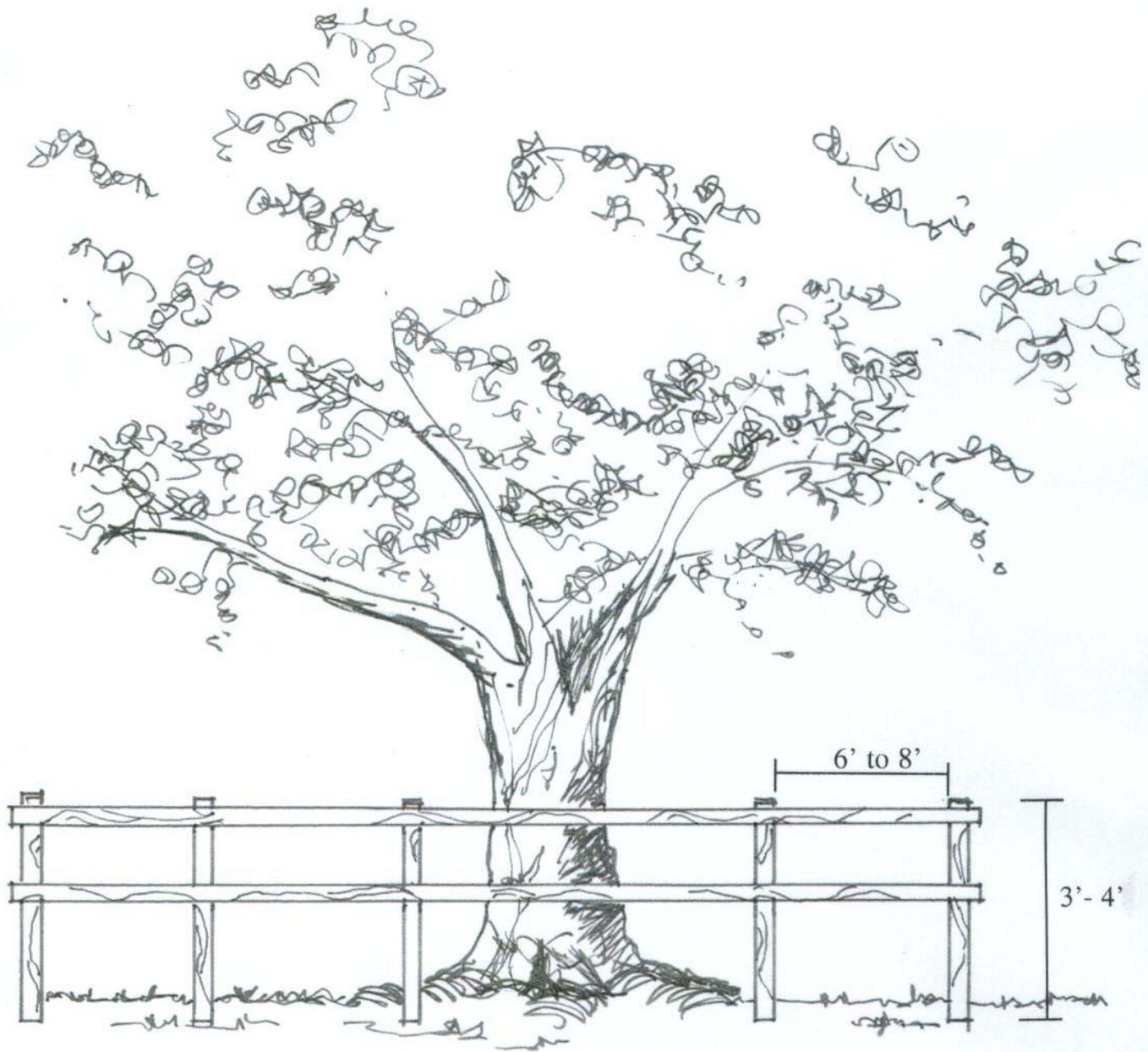
NOTE: Driveway standards are found in the Transportation Manual.

For Illustration Only: not to scale

# Tree Protection Standards

## G. Protective Barricade

1. Protective barricades shall be installed around all protected trees and grand trees prior to any construction activities on a development site.
  - a. Barricades shall be installed a minimum ten (10) feet from a protected tree or at the designated protective root zone as shown on the approved site plan.
  - b. Barricades shall be installed a minimum twenty (20) feet from a grand tree or at the designated protective root zone as shown on the approved site plan.
2. Materials used for protective barricades shall be made of wood, fencing or solid material approved by the department.
  - a. Vertical members shall be made of a minimum of 2x2 wood or 5/8" steel reinforcement bar.
  - b. Horizontal members shall be made of a minimum 1x2 wood or solid fencing material.
3. Vertical members shall be no less than three (3) feet in height and no more than six (6) feet apart. The vertical members shall be installed to a depth of one (1) foot below existing grade.
4. Horizontal members consisting of wood shall be no less than three (3) feet above existing grade and securely attached to the vertical members. Fencing material shall be no less three (3) feet in height and securely attached to the vertical members at one (1) foot intervals.
5. No changes to the predevelopment conditions within the approved protective root zone during the construction process.
6. Protective barricades may be removed only to prepare the development site for final landscaping activities. During this activity only non-mechanical techniques may occur within the designated protective root zone.
7. No parking or storing of vehicles, equipment or materials is allowed within the protective root zone.
8. No site clearing is permitted within the protective root zone.



HORIZONTAL: WOOD MEMBER, ORANGE FENCING, CHAIN LINK FENCE  
OR OTHER APPROVED MATERIAL.

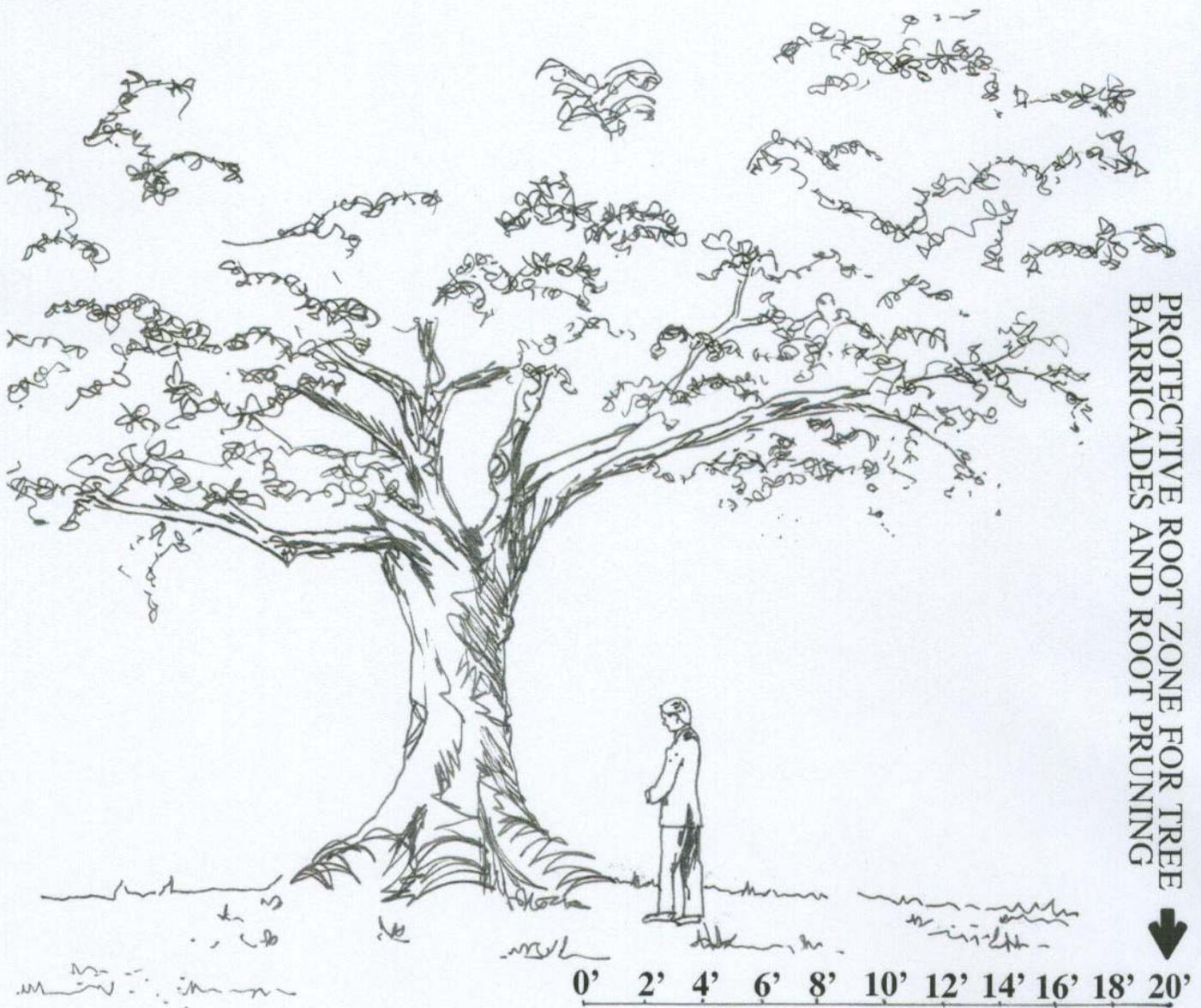
VERTICAL: WOOD MEMBER OR APPROVED MATERIAL.

BARRICADES PLACED AT DESIGNATED PROTECTIVE ROOT ZONE.

## **BARRICADE DETAIL FOR PROTECTED AND GRAND TREES**



**MINIMUM  
PROTECTIVE ROOT ZONE REQUIREMENTS  
FOR PROTECTED TREES**

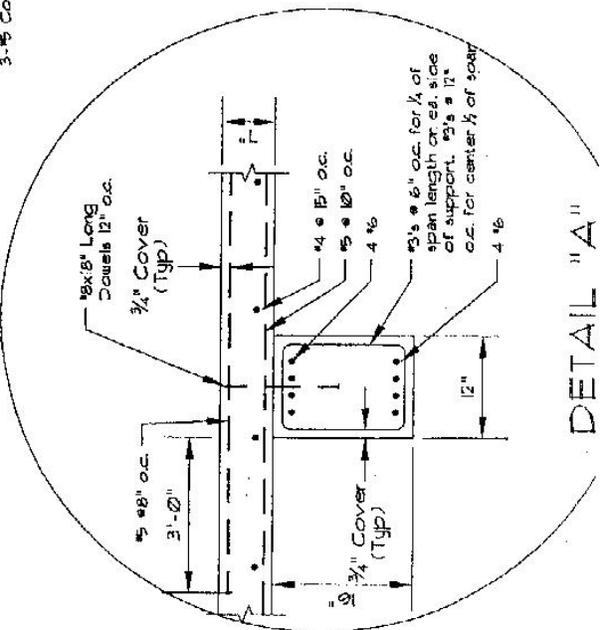
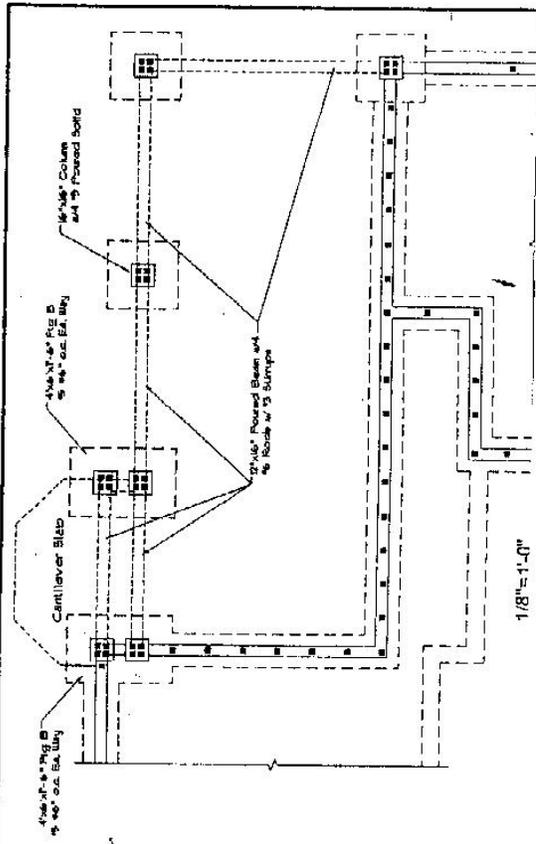
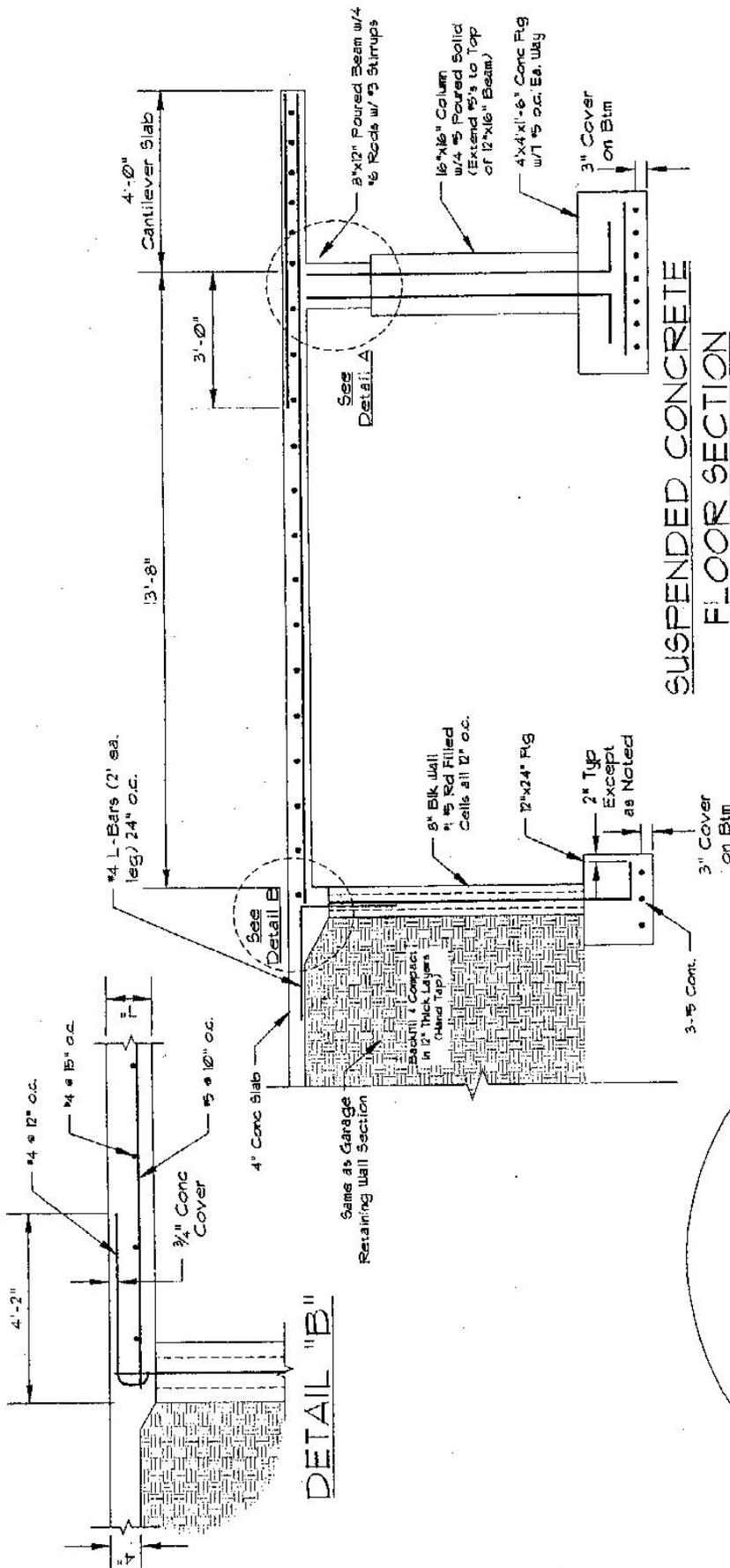


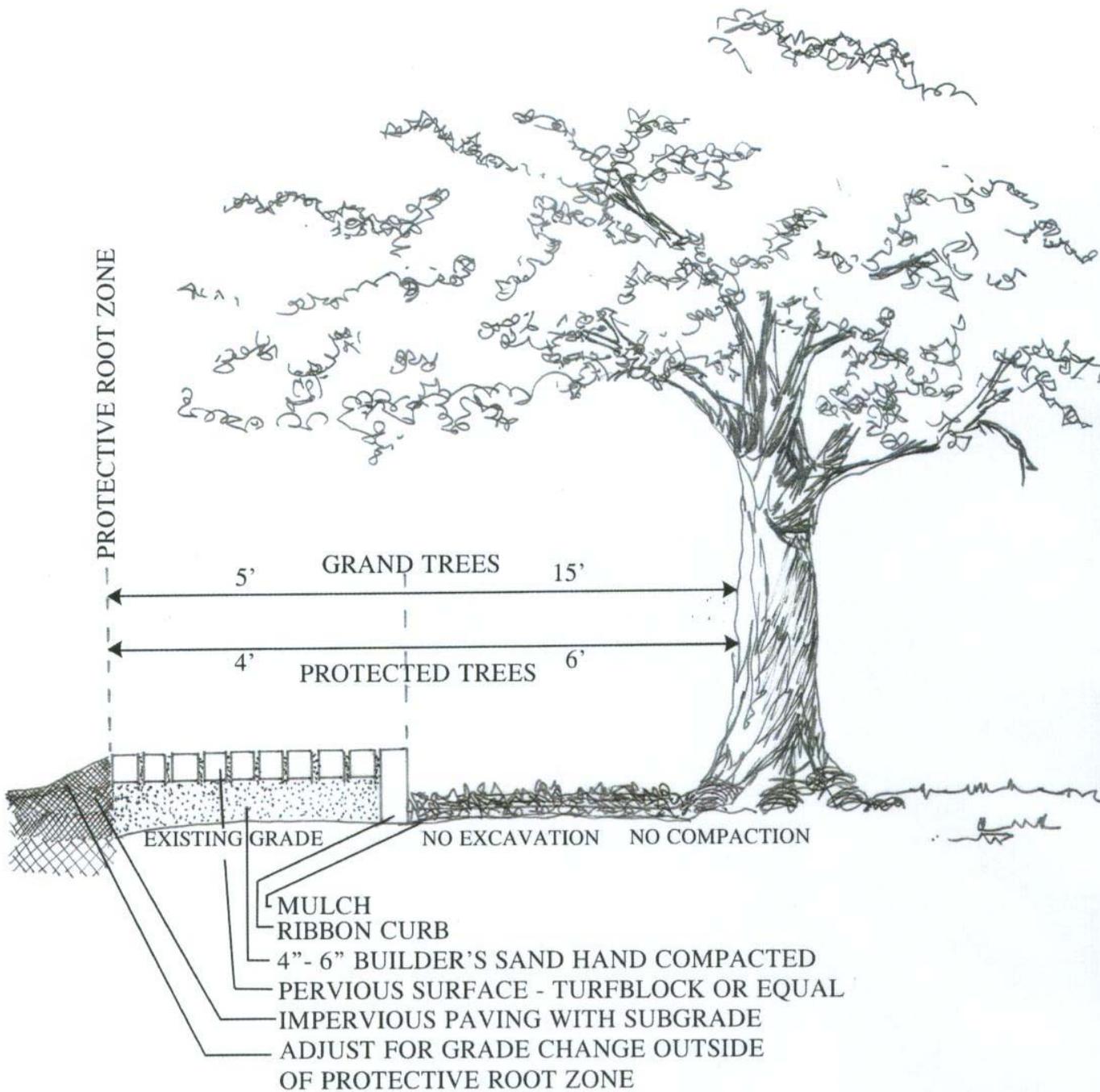
**MINIMUM  
PROTECTIVE ROOT ZONE REQUIREMENTS  
FOR GRAND TREES**

## **H. Work within the protective root zone of protected and grand trees.**

1. Structural foundations may be allowed within six (6) feet of the trunk of a protected tree in special circumstances.
  - a. Special construction techniques shall be required for work within the protective root zone. Suspended floors must be constructed and placement of structural foundation piers must be located as to minimize damage to the root system.
  - b. Root pruning must occur around the locations of the structural piers prior to any excavation.
  
2. Structural foundations may be allowed within the minimum protective radius of the trunk of a grand tree in special circumstances.
  - a. Special construction techniques shall be required for work within the protective root zone. Suspended floors must be constructed and placement of structural foundation piers must be located as to minimize damage to the root system.
  - b. Root pruning must occur around the locations of the structural piers prior to any excavation.
  
3. Pervious pavement, such as brick pavers, turfblock, interlocking pavers and pervious concrete, may be used in special circumstances when trees are located near driveways or parking areas.
  - a. For protected trees, impervious pavement must be no closer than ten (10) feet from the trunk of a protected tree. If pervious pavement is used the closest the edge of the pervious pavement is allowed is six (6) feet from the trunk, as long as the pavement is installed above the existing grade.
  - b. For grand trees, impervious pavement must be no closer than twenty (20) feet from the trunk of a grand tree. If pervious pavement is used the closest the edge of the pervious pavement is allowed is fifteen (15) feet from the trunk, as long as the pavement is installed above the existing grade.

When the department approves work to occur within the protective root zone of protected and grand trees there must be no changes to the existing condition of the grade within the approved area and the construction activity must follow the approved plan. Protective barricades must remain around the protective root zone until all construction activity has been completed on the site.





**IF APPROVED:  
 PERVIOUS PAVEMENT DETAIL  
 FOR WORK WITHIN PROTECTIVE  
 ROOT ZONE**

## **I. Root pruning guidelines.**

1. All roots must be severed clean at the protective root zone of protected and grand trees to prevent root damage.
2. Root pruning must be performed with an approved cutting type of equipment, such as a chainsaw, hand saw, or other cutting equipment.
3. Root pruning must be performed prior to any construction activities and inspected by the department before requesting inspections.

## **J. Technical Standards for Plant Material:**

1. The following technical specifications shall apply for recommended trees:

### **A. Single Stem:**

1. Two (2) inch minimum caliper measured 6" above grade.  
Spread 5 – 6'  
Height 8 – 10'  
30 Gallon container grown
2. Four (4) inch minimum caliper measured 6" above grade.  
Spread 8" – 10"  
Height 14' – 16'  
100 gallon container grown  
B&B minimum  
42" diameter root ball  
Depth 34' – 36'
3. Six (6) inch minimum caliper measured 12" above grade.  
Spread 10' – 12'  
Height 16' – 18'  
300 gallon container grown  
B&B minimum  
57' diameter root ball  
Depth 40'

### **B. Multi – stem:**

1. Minimum 4 to 6 stems  
Spread 5 – 6'  
Height 8 – 10'  
30 gallon container grown
2. Technical Specifications for hedges:  
Three (3) gallon container grown.  
24" height by 24" spread.  
Hedges should be planted 3' on center.

2. The following is a list for recommended trees.

**Shade**

Hickory	Carya spp.
Oak	Quercus spp.
Elm	Ulmus americana
Maple	Acer spp.
Magnolia Southern	Magnolia grandiflora
Sycamore	Platanus spp.
Sweetgum	Liquidambar styraciflora
Red Cedar	Juniperus spp.
Pecan	Carya spp.
Pine	Pinus spp.

**Moderate Shade**

Holly	Flex spp.
Podocarpous	Podocarpus spp.
Chinese Elm	Ulmus parvifolia
Hornbeam	Carpinus
Crape Myrtle	Lagustroemia indica
Redbud	Cercis canadensis
Dogwood	Cornus spp.
River Birch	Betula nigra
Bay Trees	Persea spp.
Cypress	Taxodium spp.

**Ornamental**

Ligustrum	Ligustrum spp.
Willow	Salix spp.
All Palms, except Syagrus Species	
Jerusalem Thorn	Parkinsonia aculeata
Bottlebrush	Callistemon spp.
Wax Myrtle	Myrica cerifera

## II. Subdivision Review and Permitting:

### A. Land Alteration Review and Permit Submittal Requirements.

1. Preliminary Plat: (Underbrush Permits)

- a. The name and address of the applicant and the owners of the property.
- b. A legal description of the property.
- c. A site plan of the property which includes the following:

1) A tree survey overlay at the same scale as the site plan, which locates all protected trees, identified by size and species. Dead or diseased trees shall be identified. Groups of trees in close proximity (i.e., those within 5' of each other) may be designated as a grouping of trees, with the predominant species, estimated number and average caliper indicated.

Surveys over +5 acres shall be performed by a licensed registered surveyor.

A 1" – 100 infrared aerial overlay, a high resolution black and white aerial overlay, or a print of equal character may be substituted for a tree survey in instances where the Department determines that they would provide the same information as the tree survey. Aerial photographs shall be accompanied by a tree count, which identifies protected trees, by size and specie.

2) Location of all structures, improvements, rights-of-way, and easements on the property.

3) An explanation of how trees are to be protected during site clearing activities in accordance with Department standards. (See illustrations, pages 12 through 14).

4) The location of all wetlands, if applicable, and an explanation of how they are to be protected during site clearing activities in accordance with Department standards. A letter of approval shall accompany wetland delineation from the appropriate environmental agency.

## 2. Construction Drawings.

- a. The name and address of the applicant and the owners of the property
- b. A legal description of the property.
- c. A site plan of the property which includes the following:
  - 1) A tree survey overlay at the same scale as the site plan, which locates all protected trees, identified size and species. Dead or diseased trees shall be identified. Groups of trees in close proximity (i.e., those within 5' of each other) may be designated as a grouping of trees, with the predominant species, estimated number and average caliper indicated.

Surveys over +5 acres shall be performed by licensed registered surveyor.

A 1" – 100 infrared aerial overlay, a high resolution black and white aerial overlay, or a print of equal character may be substituted for a tree survey in instances where the Department determines that they would provide the same information as the tree survey. Aerial photographs shall be accompanied by a tree count, which identifies protected trees, by size and specie.

2) Location of all structures, improvements, rights-of-ways, and easements on the property.

3) An explanation of how trees are to be protected during site clearing activities in accordance with Department standards. (See detail page 12).

- 4) Proposed grade changes with detailed cross section of how protected trees are to be safely maintained, i.e. properly drained and/or aerated or any other techniques that may be required to assure proper tree protection.
- 5) The location of all wetlands, if applicable, and an explanation of how they are to be protected during site clearing activities in accordance with Department standards. Letter of approval shall accompany wetland delineation from the appropriate environmental agency. In addition, the 25' wetland setback shall be indicated on the plans.
- 6) An erosion control statement in accordance with department standards.
- 7) Highlighted areas designated for equipment storage and construction staging. This shall include all areas to be used for equipment access.
- 8) The name(s), signature, seal, and address of the site surveyor, who shall be responsible for the accuracy of the information provided.
- 9) A statement as to why the protected trees must be removed.
- 10) A statement of how the applicant proposes to relocate, remove or replace protected trees.
- 11) Designation of protected trees to be relocated, replaced or contributed.
- 12) A statement of how the tree planting requirements will be met, if a landscape plan is not required for the submittal.
- 13) If existing protected trees are to be relocated, a designation of the proposed location where they are proposed to be replanted. If protected trees are to be replaced, the species of recommended trees that are proposed, and the location where they are proposed to be replanted. If recommended trees are proposed to be contributed to the Tree Trust Fund to replace protected trees, the number and species of trees proposed to be contributed.

3. Final Plat:

Identify or delineate the 25' wetland setback on the final plat or provide the following language:

“Setbacks are required under the City of Tampa Tree and Landscape Ordinance from wetlands under the jurisdiction of the Hillsborough County Environmental Protection Agency, Florida Department of Environmental Regulations, U.S. Army Corps of Engineers, Southwest Florida Water Management District or the Tampa Port Authority.”

**B. Land Alteration Permit Issuance and Restrictions.**

1. Preliminary Plat, Land Alteration Permits Prior to Construction Drawing Approval

Upon submittal of Preliminary Plat, applicant may apply for site clearing permits to conduct the following land alteration activity:

Underbrush clearing for the purposes of stockpiles. In order to avoid conflicts with other agencies applicant must submit appropriate drainage and earthwork permits and applicable environmental agency approvals.

This activity will be limited to stockpiling only, in treeless areas, as approved by the Department representative. Stockpiles shall not interfere or damage protected trees.

If underbrush clearing is required, a 10' undisturbed radius shall be left around protected trees. This area shall be barricaded as per City of Tampa specifications. No tree removal permits shall be issued at this time except, tree removal permits for protected trees that were already cleared of underbrush to the 25' wetland buffer. This area shall be barricaded to prevent equipment encroachment.

Underbrush clearing shall only be performed by equipment that will not disturb topsoil, e.g., Ranger, Hydroax, Bush-hog, or comparable equipment approved by the Department. Limited discing may be allowed on case – by – case basis. In addition, stockpile locations shall be stabilized per City of Tampa specifications, to prevent erosion during the rainy season (approximately June through October). (See illustration, page 31).

## 2. Construction Drawing Approval

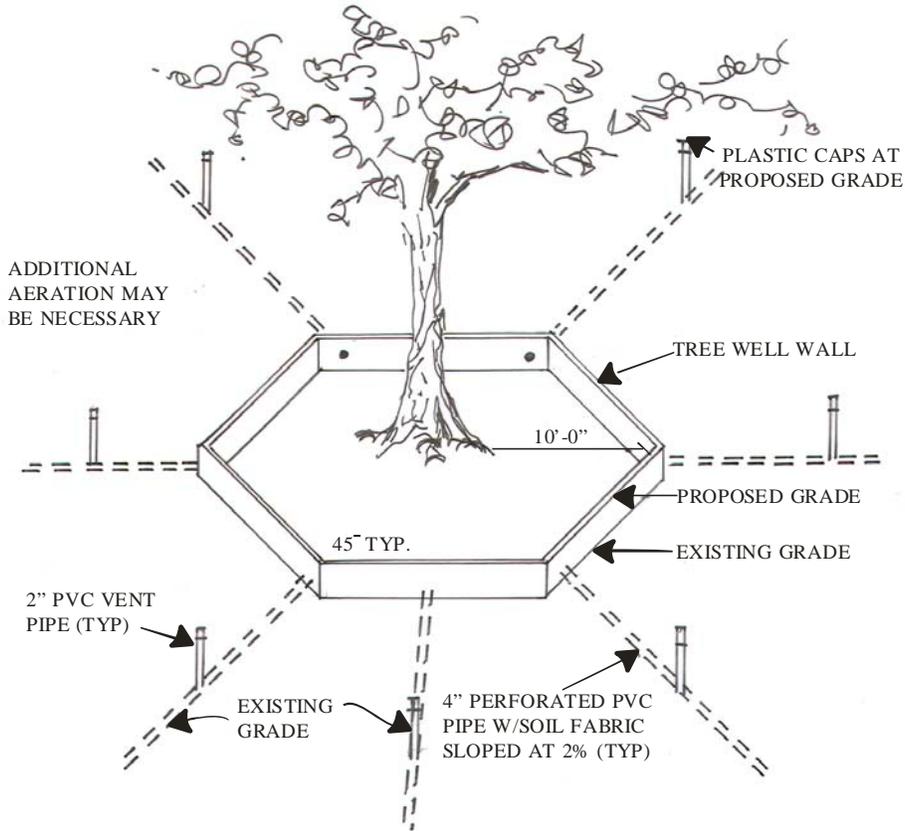
Upon approval of construction drawings, applicant may apply for site clearing and tree removal permits for all required improvements as defined in the Code of Ordinances of the City of Tampa Code.

Requirements for these submittals are outlined in the City of Tampa Code of Ordinances. In addition, where infrastructure development abuts jurisdictional wetlands, refer to the Code of Ordinances, Wetland Protection and Setback.

Applicant may apply for site clearing and tree removal permits, with associated drainage and earthwork permits, for partial lot or parcel filling necessary to construct the approved drainage improvements and grading plan subject to the following:

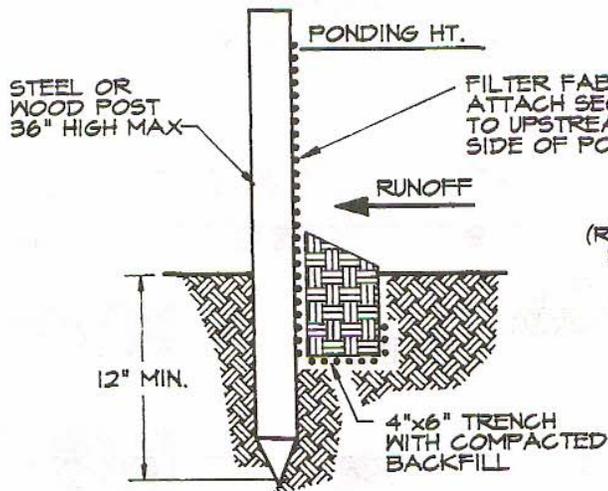
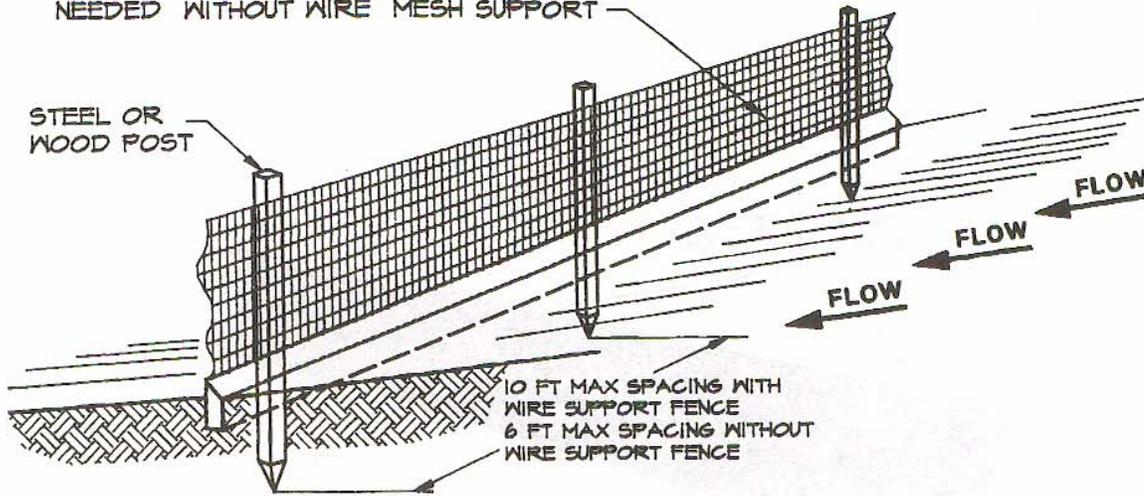
- On subdivision lots that contain no protected trees, lot filling may occur in accordance with the approved drainage and earthwork-grading specifications as approved in the construction drawings. Appropriate stabilization of fill may be required to prevent erosion and control dust.
- For all parcels abutting wetlands, refer to wetland protection and setbacks in chapter.
- Site clearing and tree removal applications shall be reviewed for model homes, sales centers, entry treatments and golf courses in accordance with the City of Tampa Code of Ordinances.

### III. Informational Illustrations.

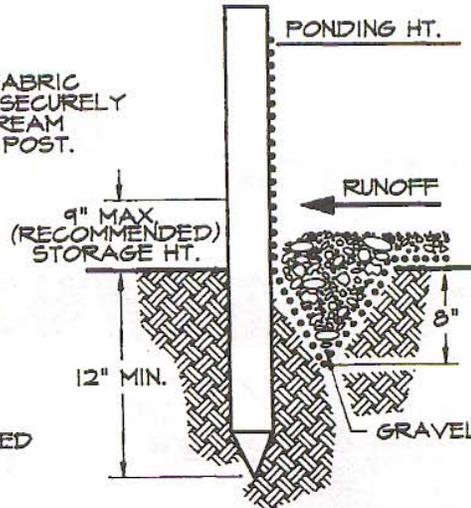


**TREE WELL DETAIL**

EXTRA STRENGTH FILTER FABRIC  
NEEDED WITHOUT WIRE MESH SUPPORT



**STANDARD DETAIL**  
TRENCH WITH NATIVE BACKFILL



**ALTERNATE DETAIL**  
TRENCH WITH GRAVEL

NOTE:

1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.