

Chapter 21

Selective Clearing and Grubbing

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Chapter 21

Selective Clearing and Grubbing

21.1 General

Selective Clearing and Grubbing plan sheets show the extent and type of clearing operation required within the project right of way limits. These sheets may also show plant preservation areas and tree protection barriers.

Plant preservation areas are areas in which no clearing and grubbing activities are to occur. Vegetation, including grasses, wildflowers or trees are to be protected from and undisturbed by construction activities. For an illustration of a Selective Clearing and Grubbing sheet, see **Exhibit SCG-1**.

The amount and type of notes required for selective clearing and grubbing will vary depending on the project. It may be desirable to provide a separate Selective Clearing and Grubbing Detail sheet to display the notes, symbols and details that are applicable to the project. For an illustration of a Selective Clearing and Grubbing Detail sheet, see **Exhibit SCG-2**.

Place Selective Clearing and Grubbing sheets in the component plans in accordance with **Section 3.2.7** of this Volume.

21.2 Plan Sheet

Use the standard plan format sheet provided in the FDOT CADD Software to prepare Selective Clearing and Grubbing sheets. Refer to the FDOT [CADD Manual](#) for CADD standards associated with selective clearing and grubbing.

Show complete existing topography and the centerline of construction with stationing, proposed edge of roadway pavement lines, R/W lines, canopy of existing trees to remain, tree protection barrier and limits of construction. Show a legend on each sheet depicting the type of selective clearing and grubbing operation to be performed.

Place a north arrow and scale in a conspicuous location, typically in the upper right portion of the sheet. Use a scale that provides clarity and legibility. Use appropriate match lines when necessary.

When two or more tree canopies overlap, the entire outline of the tree canopies can be shown as one mass. Show tree protection barrier and root pruning locations. When existing trees to remain are to be root pruned, the trees will be assigned a label which is to be shown adjacent to the tree trunk. Trees that are to be branch pruned may also be labeled in the plans. Each tree does not need to be labeled when a group of trees are to be branch pruned. Label areas of root or branch pruning on the plans or in the Work Table. The disposition of labeled trees is to be shown on Tree Disposition sheets.

Where clarification is needed, trees to be removed may be noted on the plan.

Delineate areas of tree protection and plant preservation areas with tree protection barriers. Tree protection barrier may be used to delineate areas of selective clearing and grubbing. When a plant preservation area is adjacent to a R/W fence to remain, or similar permanent barrier, tree protection barrier parallel to the permanent barrier may be omitted.

21.3 Detail Sheet

21.3.1 Work Table

For an illustration of a Selective Clearing and Grubbing Work Table, see ***Exhibit SCG-2***.

Selective clearing and grubbing areas are defined and labeled by location. Location numbers can be based on roadway stationing numbers, quadrants or sheet numbers.

Provide a Selective Clearing and Grubbing Work Table when the project includes selective removal of vegetation. As a minimum, the table includes:

- Abbreviated name of primary species to remain
- Abbreviated name of primary species targeted for removal
- Work Description

Other information that may be included in the table:

- Florida Exotic Plant Council Category #1 species to be removed
- Estimated percent of Category #1 vegetative cover for each area
- Additional species to target for removal, and/or additional species to preserve
- Root and branch pruning
- Notes

21.3.2 Legend and Work Table Notes

Include a legend with the Selective Clearing and Grubbing Work Table. The legend is to show all plant species noted in the table. Plant species are typically abbreviated by the first letter of the genus and the first letter of the species of the botanical name; e.g. show Live Oak, *Quercus virginiana* as QV.

Except where called out in the Work Table Notes or Selective Clearing and Grubbing Work Table, list undesirable exotic pest plants, as listed as Category I by the Florida Exotic Pest Plant Council to be totally removed.

Provide the following note on the Selective Clearing and Grubbing Detail sheet:

“Primary” species to target (remove) or preserve are those that were determined to be most prevalent in that area, and are not intended to be the only species that occur.

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