924 Selective Clearing and Grubbing Plans

924.1 General

This chapter provides the requirements for the development of Selective Clearing and Grubbing (C&G) Plan sheets. See ***FDM 274*** for the purpose, criteria, and requirements of Selective C&G designs.

Selective C&G Plan sheets provide the data and information for existing vegetation, trees, and palms. Selective C&G Plan sheets are placed in the Roadway Plans only when:

(1) Contract Plans do not include a Landscape Plans component, and

(2) The District Landscape Architect or manager has determined that one or more of the Selective C&G activities is to be included in the Roadway Plans set.

Selective C&G activities are as follows:

(1) Removal of undesirable trees and vegetation

(2) Preservation and protection of desirable trees and vegetation

(3) Branch and root pruning

(4) Tree relocations

When tree relocations are the only Selective C&G activity, show relocation requirements on the Selective C&G Plan sheets or include Tree Relocation Plan sheets in the Roadway Plans set (see ***FDM 944***).

See ***Exhibit 924-1*** for an example of a Selective C&G Plan sheet. Refer to the ***CADD Manual*** for CADD standards associated with Selective C&G.

924.2 Selective C&G Plan Sheet

The Selective C&G Plan sheet provides a plan view of the project indicating the location(s) where Selective C&G activities are to be performed and the areas to be protected or preserved.

The standard horizontal scale is 1″ = 100′, however an alternate scale may be approved by the Project Manager.

Display aerial photography or available topography, including R/W lines, roadways and driveways, buildings, underground and overhead utilities, walls, sidewalks and curbs, pavements, fencing, railroads, bridges, drainage structures and similar items that are relevant to the proposed Selective C&G activities. Display the proposed roadway improvements (gray scale) when a landscape project will follow or is part of a roadway project.

Display a north arrow and scale within each plan view, typically in the upper right portion. Display the existing roadway or the proposed roadway (gray scale) and the centerline of construction or baseline of construction such that the stationing is increasing from left to right.

Display and label the following:

(1) Existing tree canopy for individual trees or tree groups

(2) Trees to be relocated or removed

(3) Tree protection fencing

(4) Preservation areas

(5) Removal of undesirable vegetation

(6) Branch and root pruning

Include a legend on each sheet depicting the type of Selective C&G activities to be performed. Provide a designation (ID) number for each tree and palm and for each area where removal of undesirable vegetation will occur. Each tree does not need a designation number when a group of trees are to be branch pruned, but the quantity of trees to be pruned must be provided.

When a tree protection area is adjacent to a barrier (e.g., fencing, wall, guardrail, sediment barrier), the tree protection fencing that is parallel to the barrier may be omitted.

924.3 Selective C&G Detail Sheet

The notes required for Selective C&G vary depending on the project. It may be desirable to provide a separate Selective C&G Detail sheet to display the notes, symbols, and details that are applicable to the project. Place Vegetation Removal Tables, Root and Branch Pruning Tables, and Tree Disposition Tables on Selective C&G Detail sheets.

See ***Exhibit 924-2*** for an example of a Selective C&G Detail Sheet.

924.3.1 Vegetation Removal Table

Provide a Vegetation Removal Table when the project includes removal of undesirable vegetation. The table includes:

(1) Area ID number for the removal area. Numbers can be based on roadway stationing numbers, quadrants, or sheet numbers.

(2) Clear and precise description of the work to be performed.

(3) Estimated percent of target species to be removed or eradicated from the area.

(4) List of primary species targeted for removal or eradication. Use species symbol.

(5) List of primary species to remain or preserve. Use species symbol.

(6) Additional information or notes concerning the removal area, such as:

  (a) Florida Exotic Pest Plant Council Category I species to be removed

  (b) Estimated percent of Category I vegetative cover for each area

  (c) Additional species to target for removal or preservation

Include a species legend indicating the plant species Botanical Name (common name) and symbol. Plant species symbols are typically abbreviated by the first letter of the genus and the first letter of the botanical name; e.g., Live Oak, *Quercus virginiana* is QV. Include project-specific notes on the Selective C&G Detail sheet.

924.3.2 Root and Branch Pruning Table

Provide a Root and Branch Pruning Table when the project includes root or branch pruning of existing trees. The table should include the following:

(1) Tree ID number and location (e.g., station/offset, coordinates). Payment for the pruning activity is per tree which requires that each tree be listed in the table.

(2) Botanical and common name of tree

(3) Clear and precise description of the work to be performed, including:

  (a) Root Pruning objectives (e.g., preparation for relocation, required for construction of project)

  (b) Branch Pruning objectives (e.g., structural, aesthetics, safety, clearance)

924.3.3 Tree Disposition Table

Provide a Tree Disposition Table when existing trees and palms are to be protected, relocated, or removed. Include the following in the table:

(1) Tree ID number.

(2) Existing and proposed location of the tree (e.g., station/offset, coordinates, site numbers).

(3) Botanical and common name of the tree.

(4) Diameter of the tree trunk at breast height (DBH), and estimated tree height and canopy spread.

(5) Disposition of the tree (e.g., “To Remain”, “To Be Protected”, “To Be Removed”, “To Be Relocated”).

(6) Condition of the tree utilizing the International Society of Arboriculture (ISA) tree rating system (Excellent, Good, Fair, Poor, Dead). Also note issues with structure or damage.

Site-specific requirements may be included under the “Notes” column. Site-specific requirements may include:

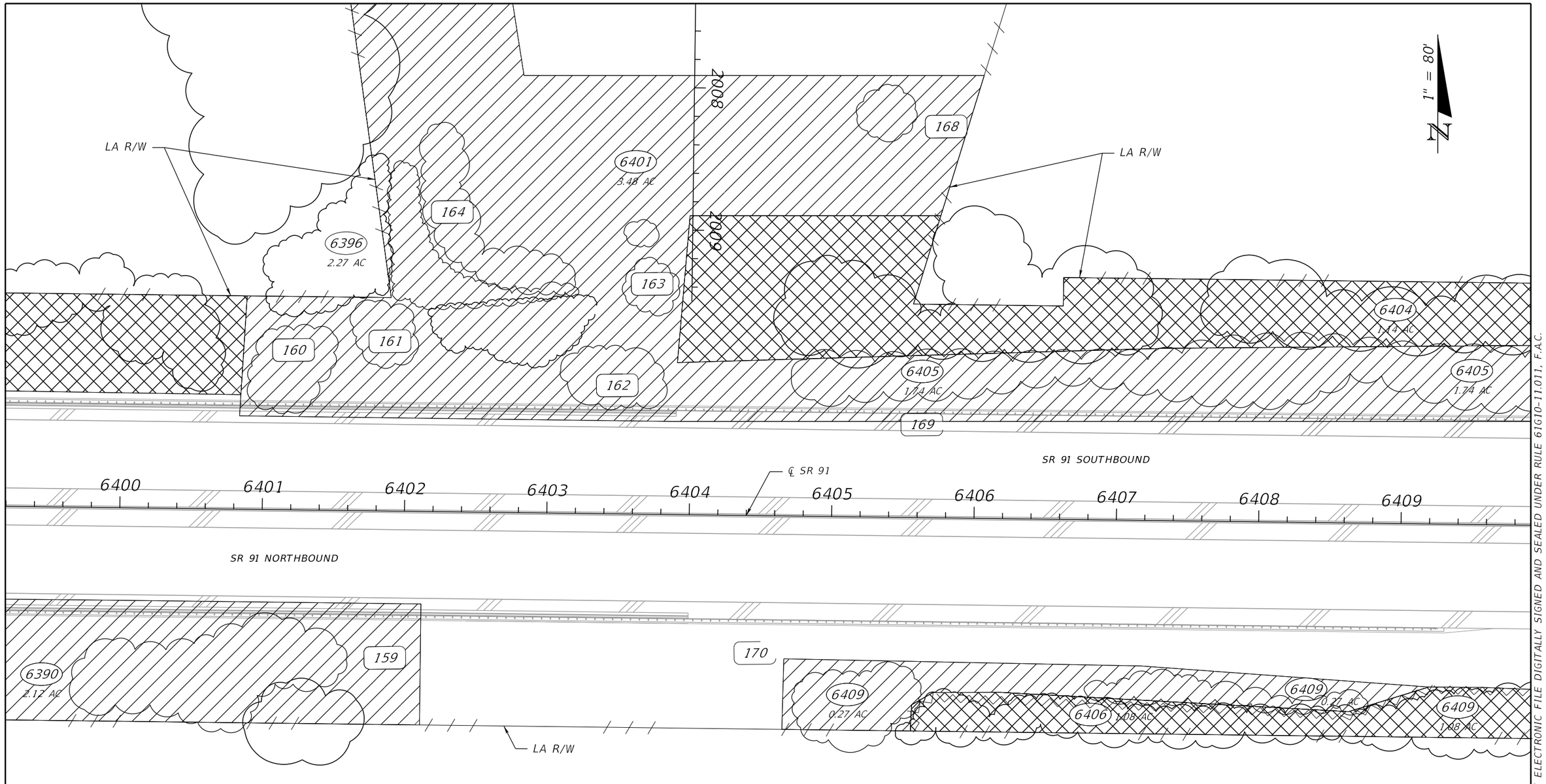
(1) Watering schedule

(2) Fertilizer mix

(3) Fertilizer schedule

(4) Backfill or soil amendments

(5) Root or branch pruning and intent (structural, aesthetic, safety, etc.)



LEGEND:

- TREE PROTECTION BARRIER
- ROOT PRUNING LINE
- CANOPY OF EXISTING TREE (LINE DENOTES DRIPLINE OF TREE)
- XXXX — EXISTING TREE TO REMAIN
- XXXX — EXISTING TREE TO BE REMOVED
- XXXX — SELECTIVE CLEARING AND GRUBBING
- XXXX — PLANT PRESERVATION AREAS

Exhibit 924-1
Selective Clearing and Grubbing Plan
Date: 1/1/2027

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

LANDSCAPE ARCHITECT

ARTURITO T. GOMEZ, L.A.
LICENSE NUMBER: 12345
LAND DESIGN, LLC.
345 IVY LANE
ORLANDO, FL 32801

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 91	ORANGE	123456-1-52-01

SELECTIVE CLEARING AND GRUBBING PLAN

SHEET NO. 1371

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VEGETATION REMOVAL TABLE

AREA ID	WORK DESCRIPTION	EST. % OF PRIMARY SPECIES TO TARGET	PRIMARY SPECIES TO TARGET	SPECIES TO PRESERVE	NOTES
424	DESIGNATES AREAS WHERE CATEGORY #1 INVASIVE, EXOTIC VEGETATION AND NATIVE UNDERSTORY WILL BE SELECTIVELY REMOVED. LARGE DESIREABLE TREES TO REMAIN. ALL TREES UNDER 4" DBH TO BE REMOVED.	75%	AA, ST	PE, SP	REMOVE LARGE TREE DEBRIS OR GRIND ON SITE AND SPREAD AS DIRECTED BY DISTRICT LANDSCAPE ARCHITECT
426	DESIGNATES AREAS WHERE ALL NATIVE VEGETATION WILL BE MOWED FLUSH WITH THE GROUND AND ALL CATEGORY #1 INVASIVE, EXOTIC VEGETATION WILL BE TREATED WITH HERBICIDES.	100%	AA, ST, TS	NONE	INCLUDES REMOVAL OF WILLOWS AND WAX MYRTLE

WORK TABLE NOTES

1. "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.
   THE FOLLOWING ADDITIONAL UNDESIREABLE NATIVE SPECIES WILL BE TARGETED FOR REMOVAL IN ALL AREAS LISTED IN THE WORK TABLE:
   BOTANICAL NAME (COMMON NAME)
   MYRICA CERIFERA (SOUTHERN WAX MYRTLE)
   TYPHA SPP. (CATTAILS)
2. THE FOLLOWING CATEGORY #1 INVASIVE SPECIES WILL NOT BE TARGETED FOR REMOVAL:
   BOTANICAL NAME (COMMON NAME)
   SOLANUM TAMPICENSE (WETLAND NIGHTSHADE)
   PANICUM REPENS (TORPEDO GRASS)

SPECIES LEGEND

(SYM)	BOTANICAL NAME (COMMON NAME)
(AA)	ACACIA AURICULIFORMIS (EARLEAF ACACIA)
(ST)	SCHINUS TEREBINTHIFOLIUS (BRAZILIAN PEPPER)
(TS)	TYPHA SPP. (CATTAILS)
(PE)	PINUS ELLIOTTII (SLASH PINE)
(SP)	SABAL PALMETTO (SABAL PALM)

ROOT AND BRANCH PRUNING TABLE

TREE ID	LOCATION (Station/Offset or Coordinates)	BOTANICAL NAME	COMMON NAME	WORK DESCRIPTION	NOTES
1125	428+40 150' LT	QUERCUS VIRGINIANA	LIVE OAK	TRIM CO-DOMINANT LEADER	INCLUDES REMOVAL OF DEBRIS
1126	430+50 120' LT	QUERCUS VIRGINIANA	LIVE OAK	PRUNE TO IMPROVE STRUCTURAL INTEGRITY OF TREE	INCLUDES REMOVAL OF DEBRIS

TREE DISPOSITION TABLE

SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	DBH (IN.) FOR TREES/ CTH (FT.) FOR PALMS	HEIGHT (FT.) (APPROX.)	CANOPY SPREAD (FT.) (APPROX.)	LOCATION		CONDITION	DISPOSITION	NOTES
								STATION	OFFSET/SIDE			
TD-1	1121	QV	QUERCUS VIRGINIANA	LIVE OAK	4	16	7	424+20	130' LT	AVERAGE	RELOCATE TO STA. 429+30, 145' LT	NURSEY MATERIAL PLANTED IN 2017 AS PART OF A LANDSCAPE PROJECT
TD-1	1122	RR	ROYSTONIA REGIA	ROYAL PALM	19	19 GW		423+60	210' RT	AVERAGE	RELOCATE TO STA. 430+90, 130' LT	
TD-1	1123	PC	PINUS CLAUSA	SAND PINE				430+70 -434+95	RT	AVERAGE	REMAIN	GROUP OF PINES
TD-1	1124	QV	QUERCUS VIRGINIANA	LIVE OAK	6	20	25	437+95	300' RT	POOR	REMOVE	SEE SELECTIVE CLEARING AND GRUBBING PLAN

Exhibit 924-2
Selective Clearing
and Grubbing Detail
Date: 1/1/2026

REVISIONS				LANDSCAPE ARCHITECT	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SELECTIVE CLEARING AND GRUBBING DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ARTURITO T. GOMEZ, L.A. LICENSE NUMBER: 12345 LAND DESIGN, LLC. 345 IVY LANE ORLANDO, FL 32801	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		1396
					SR 91	ORANGE	123456-1-52-01		

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