**WINDERMERE TREE BOARD**

**Chair: Frank Krens**
**Vice Chair: Vicki Hearst**
**Secretary: Bonnie Di Cocco**
**Treasurer: Pamela Schrimsher**
**Joan Foglia**
**Olga Aleksandrova**
**Elena LaRochelle**

***Agenda*** ***Agenda***

**Council Liaison: Brandi Haines**

**April 17, 2025**
**9:30 AM**

**COMMUNITY CONFERENCE ROOM**
**614 MAIN STREET, BUILDING 100**
**WINDERMERE, FL 34786**

**PLEASE TURN OFF ALL CELL PHONES AND PAGERS**

PLEASE NOTE: IN ACCORDANCE WITH F.S. 286.26: Person with disabilities needing assistance to participate in any such proceedings should contact the Office of the Clerk at least 48 hours beforehand at (407) 876-2563.

Pursuant to Resolution No. 2005-12 adopted on December 13, 2005, the following Civility Code shall govern all procedings before the Town of Windermere Windermere Tree Board:

1. All electronic devices, including cell phones and pagers. shall be either turned off or otherwise silenced.
2. Prolonged conversation shall be conducted outside Council meeting hall.
3. Whistling, heckling, gesturing, loud conversations, or other disruptive behavior is prohibited.
4. Only those individuals who have signed the speaker list and/or/who have been recognized by the Mayor (or Chair) may address comments to the Council.
5. Comments at public hearings shall be limited to the subject being considered by the Council
6. Comments at Open Forums shall be directed to Town issues.
7. All public comments shall avoid personal attacks and abusive language
8. No person attending a Windermere Tree Board meeting is to harass, annoy, or otherwise disturb any other person in the room.

Any member of the public whose behavior is disruptive and violates the Town of Windermere Civility Code is subject to removal from the Windermere Tree Board meeting by an officer and such other actions as may be appropriate. PLEASE NOTE: IN ACCORDANCE WITH F.S. 286.0105: Any person who desires to appeal any decision at this meeting will need a record of this proceeding. For this, such person may need to ensure that a verbatim record of such proceeding is made which includes the

# AGENDA

1. THE MEETING IS CALLED TO ORDER BY THE CHAIR

2. OPEN FORUM / PUBLIC COMMENT (3-Minutes Limit)

3. OLD BUSINESS

    a. Update on Tree Ordinance Revisions (Attachments)

    b. 500 Block Development – Project Status and Discussion

        i. Patio Tree Pavers: Air Spading, Root Pruning, Retention Wall, and Root Nourishment System

        ii. Review of Landscape Plans for 500 Block (Attachments)

        iii. Presentation by Jennifer (Orlando Tree Consulting)

        iv. Finalization of Orange Grove Project

        v. Discussion of Future Project Opportunities

4. NEW BUSINESS

    a. MINUTES (Attachments)

        i. WTB March 12, 2025 - Regular Meeting

        ii. WTB March 31, 2025 - Special Meeting

    b. Financial Report - Pamela Schrimsher (Attachments)

5. OTHER ITEMS FOR CONSIDERATION

    a. Discussion of potential topics for the next meeting.

    b. Next Meeting Scheduled for Thursday, May 15, 2025 at 9:15 AM.

6. ADJOURN

# *DIVISION 5.01.00. TREES*

## Sec. 5.01.01. Purpose.

The purpose of this division is to:

(1) Sustain the forest canopy and the urban forest of the town for future generations.

(2) Establish rules and regulations governing the protection of trees within the town.

(3) Preserve the proliferation of trees as well as their replacement within the town.

(4) Maintain public and private trees in a healthy and non-hazardous condition through good arboricultural practices.

(5) Establish and maintain appropriate diversity in tree species and age classes to provide a stable and sustainable urban forest.

(6) Minimize the removal of protected trees.

(7) Require compensation for the loss of protected, heritage and specimen trees in all stages of maturity on public and private property.

(8) Preserve the community's character and quality of life well into the future.

## Sec. 5.01.02. Intent of Tree City USA Program.

The Town of Windermere desires to be an active participant of the Tree City USA program and to achieve the standards set forth by the Arbor Day Foundation. The Town shall adopt and enact administrative policies, regulations, standards and procedures necessary to ensure the town, which has been declared a "Tree City USA" community, will continue to be a recognized participant in this program.

## Sec. 5.01.03. Definitions.

*ANSI* means the American National Standards Institute.

*Best management practices (BMP)* means the best-available, industry-recognized courses of action, in consideration of the benefits and limitations, based on scientific research and current knowledge.

*Buildable area* means the portion of the site on which a structure or improvement may be erected.

*Caliper* means a nursery standard measurement of a tree's trunk diameter as measured at a predetermined point of measurement. Trunk caliper for trees up to four inches shall be measured six inches above the soil line. Trees greater than four inches in caliper shall be measured 12 inches above the soil line. Caliper measurements used when measuring replacement trees are one inch greater than DBH measurements.

*Canopy* means collective branches and foliage of a tree or group of trees' crowns. A canopy can be closed or partially closed as in a forest or woodland stand or composed of both individual trees and closed canopy groups as in an urban forestry canopy.

*Certified arborist* means a professional who possesses the technical competence gained through experience, related training, and professional certification to provide for or supervise the management of trees and other

woody plants in residential, commercial, and public landscapes. These arborists must be certified by the International Society of Arboriculture.

*Clump(s) of Trees means a* group of two or more protected trees of similar species whose trunks are spaced five feet or closer from trunk to trunk. Clumps of trees may be shown on a site plan with common and botanical name, the estimated number of trees, and average DBH of trees in the clump. In lieu of individual protected trees. specimen and heritage trees must be represented individually and may not be included as part of a designated clump of trees.

*Crown* means the upper part of tree, measured from the lowest branch, including all the branches and foliage.

*Dead* or *beyond recovery* means that more than 50 percent of the tree is dead, the tree is a hazardous tree as defined herein, or the tree is in a state of irrecoverable decline.

*Deteriorated tree* or *deterioration* means a tree, which is degenerated or damaged by a biological pathogen, or pest to the point of death of the tree is imminent.

*Development* means any land disturbing activities including but not limited to: building construction, paving, landscaping, and creation of drainage or water catchment areas, grading, earth filling, utility installation or any other activity which may adversely affect trees either above or below ground.

*Diameter at breast height (DBH)* means the diameter of a tree as measured four feet, six inches above the soil line, and when using the Guide for Plant Appraisal (9th Ed.) For multi-trunked trees, the DBH shall mean the cumulative diameter of the two largest trunks. The Guide for Plant Appraisal (9th Ed.) or as amended will be the resource standard for measuring trees. For the purpose of this code, DBH for replacement trees may be calculated as one inch less than the caliper measurement of a replacement tree.

*Dripline* means a vertical line that runs from the outermost circumference of the tree branches and extends to the ground. For trees with canopies set off center, the dripline will be projected based on the average diameter of the existing dripline using the tree trunk as its point of origin.

*Drought tolerant* means various plant species that survive on natural rainfall without the need for supplemental irrigation after establishment.

*Exempt tree* means a tree with a DBH less than eight inches and palm trees with less than four and one-half feet of clear trunk. Exempt trees do not require a permit for removal. Exempt trees may not be used to calculate required canopy and may not be used as replacement trees.

*Hazardous tree* means a tree or part of a tree with a structural defect, combination of defects or disease resulting in a structural defect that, under the normal range of environmental conditions at the site, will result in the loss of a major structural component of the tree in a manner that may damage a residential structure, accessory structure, place of employment, public assembly, permitted parking, public road, or utility; or may delay emergency access in the case of medical hardship. A hazardous tree cannot be controlled or remedied through reasonable preservation and/or preventative procedures and pesticides such that the public health or safety requires its removal.

*Heritage tree* means any protected tree(s) which is 36 inches in DBH or greater. Any tree in the town selected and duly designated a Florida State Champion, United States Champion or a World Champion by the American Forestry Association shall likewise be deemed a heritage tree.

*Indigenous* means species of plant or vegetation which is native to the State of Florida.

*Invasive species* means any non-indigenous species that crowds out or takes over native species habitats.

*Landscape Architect* means a person who holds a valid license to practice landscape architecture in the State of Florida.

*Landscaping* means any of the following or combination thereof: Living material such as but not limited to, grass, ground covers, shrubs, vines, hedges, and trees. Landscaping may include, for accent purposes, nonliving material such as, but not limited to, rocks, mulch, pebbles, decorative walls, or fences, but excluding paving.

*Mulch* means organic material, such as wood chips, bark, pine straw, or shredded leaves, that is free of additives, dyes, or chemicals, and is used to cover the soil surface to retain moisture, regulate soil temperature, reduce weed growth, and protect the tree's root zone. Mulch shall be sustainably sourced and shall not include inorganic materials such as rubber, plastic, or gravel, nor shall it include any materials that may be toxic to trees or soil health.

*Noxious* means any non-indigenous species that crowds out or takes over native species habitats.

*Palm tree* means a monocotyledonous plant of the Palmacea family. With some exceptions, it has an unbranched trunk; its leaves group at the end of the trunk and form a type of tuft. Care, maintenance and pruning of palm trees will be governed by and all related ANSI publications as they relate to trees and landscape, adopted by the International Society of Agriculture (ISA), American Consulting Arborists (ASCA) and Tree Care Industry Association (TCIA) formerly the National Arborists Association (NAA). Palm trees shall be measured according to Florida grades and standards.

*Park tree* means trees in public parks and all areas owned by the Town.

*Person* means an individual, partnership, corporation, association, or other legal entity, and shall include the plural as well as the singular.

*Private tree* means trees in areas owned by private, residential, or commercial property owners.

*Protected tree* means any tree, except exempt trees, of a species that normally grows to a mature height of 25 feet or greater and has a tree trunk DBH of eight inches or greater and is not an exempt tree. Includes palm trees with more than four and one-half feet of clear trunk, any replacement tree, any non-exempt tree that is represented in a planning document for the purposes of securing an approved building or demolition permit, and all trees on Town property.

*Pruning* means removing or reducing tree limbs to benefit the overall health and safety of a tree. Care, maintenance and pruning shall be done according to current standards established by the American National Standards Institute (ANSI) A-300, Part 1, and all related ANSI publications as they relate to trees and landscape, adopted by the International Society of Agriculture (ISA), American Consulting Arborists (ASCA) and Tree Care Industry Association (TCIA) formerly the National Arborists Association (NAA).

*Removal of a tree* means either actually removing a tree from the ground which it grew, transplanting a tree, or effectively removing a tree through damage to the trunk, topping, damaging, or removing major limbs, roots, or enough canopy volume so that the tree dies, declines beyond recovery, or becomes a hazard to public safety and must be removed. The term "removal" includes removal, removing, or actual displacement or effective displacement through damaging.

*Replacement tree* means any tree planted as a condition of approval of a tree removal permit or as required to meet the conditions of an approved plan for development. Any tree planted as a requirement for tree mitigation due to an illegal removal is a Replacement tree.

*Right-of-way* means land which is owned by a governmental entity or has an easement devoted to for use as a transportation facility or street. The storm water areas associated with the transportation facility shall be included in this definition.

*Site* means that parcel of land for which any permit from the town is sought.

*Size* means the tree's DBH for trees in the urban forest or the tree's caliper for nursery stock.

*Specimen tree* means any tree with a DBH of 18 inches or larger and is not an exempt tree.

*Stop work order* means notice stating the reason(s) for stopping work, in writing, given to the owner of the property, or to his/her agent, or to the person doing the work, or a notice posted at the property upon which the tree work is being performed requiring that all work cease.

*Street tree* means trees on rights-of-way on either side of any lanes, streets, avenues, or ways within the town.

*Tree* means a self-supporting woody or fibrous perennial woody or fibrous perennial plant usually having one dominant trunk which normally grows, or is capable of growing, in the central and north-central area of Florida to a mature height of a minimum of 15 feet and to a minimum DBH of not less than four inches.

*Top or topping* means the severe cutting back of limbs or trunks within the crown of a tree (25 percent or more) so as to remove the normal canopy and alter the natural growth habit of the tree, inappropriate pruning technique to reduce tree size, or cutting back a tree to a predetermined crown limit, often at internodes.

*Tree protection zone (TPZ)* means the defined area within which certain activities are prohibited or restricted to prevent or minimize potential injury to designated trees, especially during construction or development. This shall mean an area surrounding a tree encompassed by a tree's dripline .dripline The TPZ shall be a minimum of a three foot radius from the outside edge of the trunk of all palms. The TPZ for protected trees shall be one foot away from the outer edge of the trunk for each inch of DBH. For example, a 24-inch DBH tree would have a TPZ twenty-four feet from the edge of the trunk, or a twenty-six foot radius as measured from the estimated center of the tree trunk.

*Trenching* means linear or curved open excavation often used to install utilities or structural footings.

*Urban forest* means the ecosystem containing all woody and associated vegetation throughout the Town.

*Yard* means the open space on the same lot with a principal building which is unoccupied by buildings or paving.

## Sec. 5.01.04. Applicability.

The terms and provisions of this division shall apply to all protected trees, located on real property within the town.

## Sec. 5.01.05. Exceptions.

(a) The following are exempt from the provisions of this division:

(1) Trees located in state-licensed, governmental, and commercial plant or tree nurseries or botanical gardens in which the trees are planted for the sale or intended sale to the general public in the ordinary course of business.

(2) Trees in active commercial operation for bona fide agricultural purposes.

(3) Trees that interfere with utility services, create unsafe vision clearance, or constitute a safety hazard as determined by the town manager or his designee.

(4) Trees that occur in the location of planned or future public utility services or public roads.

(5) Exempt trees as defined within this code.

(6) Trees located within buildable area as defined by the applicable zoning standards for the subject property.

(7) Trees that are exempted from any Town requirement for tree permitting or mitigation for developed and occupied single-family properties consistent with the requirements of Section 1643.045, Florida Statutes. For action taken under this subsection, and not consistent with the requirements of Section

163.045, Florida Statutes, the town may require some or all of the following documentation; the arborist's or the landscape architect's identity and proof of certification; the arborist's or the landscape architect's written report; pictures of the tree prior to any action to prune, trim or remove; and a written description of the particular danger to persons or property presented by the tree. Consistent with the requirements of Section 163.045, Florida Statutes, the town may not require documentation prior to or as requirement to allow the tree removal or trimming.

(8) For trees that are not statutorily exempt from local tree permitting or mitigation as provided in Section 163.045, Florida Statutes, a tree is exempt if the property owner provides documentation to the Town from an arborist certified by the ISA or a Florida licensed landscape architect that the tree poses an unacceptable risk to persons or property. A tree poses an unacceptable risk if removal is the only means of practically mitigating its risk below moderate, as determined by the tree risk assessment procedures outlined in Best Management Practices - Tree Risk Assessment, Second Edition (2017).

(b) The following exempt trees are considered undesirable, invasive and shall be exempt from the provisions of this division. No tree removal permit is required to remove species documented as noxious or invasive by the Florida Invasive Species Council (FISC), Florida Department of Agriculture and Consumer Services, or U.S. Department of Agriculture (USDA).

## Sec. 5.01.06. Special exceptions due to emergencies.

During a period of an emergency such as a hurricane, tropical storm, tornado, or flood, as declared by the State of Florida for Orange County or the town manager or his designee, the removal of all trees destroyed or harmed during such an emergency by natural forces which are beyond saving or which are a hazard to public safety shall be exempt from the provisions of this division for a period of 30 days following such occurrence or during the effective period of the emergency declaration, whichever is longer.

## Sec. 5.01.07. Trees requiring tree removal permits.

No person, directly or indirectly, shall cut down, destroy, top, abusively prune, remove, move, or effectively destroy through damaging, any protected tree, specimen tree, replacement tree, or heritage tree within the town without first applying for and receiving a tree removal permit approving such act or acts. This requirement does not apply to exempt trees.

## Sec. 5.01.08. Tree permit application.

Permits required by this division for the removal of protected, specimen, replacement, or heritage trees shall be obtained by filing an application for the permit with the town manager or his designee. The application shall include a written statement specifying the location of the property and indicate the reasons for the removal, relocation, or replacement of trees thereon. The application shall be accompanied by two copies of a legible site plan drawn to a minimum scale of one-inch equals 20-feet unless, in the discretion of the town manager or his designee, it has been determined that a lesser detailed scale site plan of the area, either in whole or in part, will be sufficient for the purposes of this division, in which case an appropriate substitution shall be acceptable.

## Sec. 5.01.09. Site plan information.

Site plans submitted in connection with an application for permits required by this division shall include the following information, summarized in legend form on the site plan:

(1) Location of all existing or proposed structures, improvements, and site uses, properly dimensioned, and referenced to property lines, setback and yard requirements, and spatial relationships.

(2) Existing and proposed site elevations, grades, and major contours.

(3) Location of existing and proposed utility services.

(4) The common and botanical names, sizes, and locations of all trees, and clumps of trees on the site.

(5) The common and botanical names of areas of native vegetative cover which are respectively to be retained, removed, relocated, or replaced.

(6) The contractor or property owner shall confirm compliance with the tree protection and mitigation requirements of this division.

## Sec. 5.01.10. Criteria for issuance of tree removal permits.

Each application for a tree removal permit shall be reviewed and a decision rendered on approval or denial (in whole or in part) on the basis of the following criteria:

(1) The health of the tree, i.e., whether the tree is deemed dead or beyond recovery, deteriorated or hazardous.

(2) The topography of the land and the effect of the tree removal upon erosion, soil retention and the diversion or increased flow of surface waters.

(3) The number, species, size, location and canopy of existing trees in the area.

(4) Whether structural improvements have been designed and located within the allowed building area to minimize the removal of protected trees.

(5) Whether the denial of the permit would create an unreasonable hardship on the property owner by severely limiting the use of the property in a manner not typically experienced by owners of similarly zoned and situated properties.

## Sec. 5.01.11. Application processing and approval process.

(a) Upon receipt of a completed application, the town manager or his designee shall examine, review, and respond. A field inspection of the site will be performed if deemed necessary. The application shall also be referred to other town departments, town boards, or other governmental agencies as may be necessary or required in order to determine whether any adverse effects will be incurred as to the general welfare of the public, adjacent properties or public services and facilities. Following any necessary on-site inspections by the town manager or his designee and comments received from appropriate departments, boards, or other governmental agencies, the permit application will be approved, disapproved, approved with conditions, or deemed not required in accordance with the provisions of this division.

(b) The town manager or his designee may, in his sole discretion, require the applicant to provide supportive data from a licensed certified arborist and/or other licensed professional such as a licensed landscape architect to substantiate the information provided on the application or to provide additional information deemed necessary by the town.

(c) In the event that a tree planting is approved on public property or town right-of-way, maintenance fees as established by the town may be assessed as part of the permit process.

## Sec. 5.01.12. Tree relocation, replacement, or mitigation fee requirements.

(a) The applicant is encouraged and allowed, where practical, to relocate a tree to an appropriate new location on the site. The relocation of a tree shall be performed in accordance with accepted forestry practices after evaluating the species, size, quality, and number of trees.

(b) Conditions for approval of a tree removal permit shall include tree replacement and/or mitigation fees.

(1) *Tree replacement:* Protected trees of any DBH approved by the town to be removed shall be replaced on a DBH inch for inch basis with replacement trees equivalent to the DBH inch for inch replacement. The replacement trees shall meet the replacement tree standard in (c) below. In addition, there may be more than one replacement tree provided, or larger replacement trees provided, to meet the inch for inch DBH replacement requirement..

(2) *Tree mitigation fees:* DBH inches not planted as replacement trees shall require the applicant to pay mitigation fees to the Tree Mitigation Fund at a rate per DBH inch per the financial mitigation costs established by resolution by the Windermere Town Council. Replacement of live oak trees shall be based upon an inch per inch ratio. Replacement of heritage trees shall be based upon a 1:3 ratio. For every one inch of DBH removed of a heritage tree, three inches of DBH must be replaced.

(c) A minimum of 75% of replacement trees must be indigenous to the State of Florida, provide the similar growth and shade characteristics of the tree removed, and selected from the current UF|IFAS Plant Guide as set forth in Section 5.01.18, and shall be a minimum of eight feet in overall height with a three-inch caliper (two-inch DBH) when planted. The remaining 25% must be Florida- Friendly Landscaping ™ as provided by the current UF|IFAS Plant Guide. Replacement trees shall not have more than 50% of the area under the dripline covered with pavers or pavement. At least 50% of the area under the replacement tree dripline shall be mulched.

## Sec. 5.01.13. Tree Mitigation Fund.

(a) The town council hereby creates a Tree Mitigation Fund. All funds collected as tree mitigation fees shall be administered by the town manager or his designee with the advice of the Windermere Tree Board.

(b) Disbursements from the Tree Mitigation Fund shall be made only for the following purposes:

(1) Purchasing trees for planting and any associated costs in accordance with the town's tree planting program.

(2) Purchases necessary for improvements (specifically urban forestry vehicles and equipment) including contract services for the town's urban forestry program.

(3) Protection of trees and enforcement of this division.

(4) Tree conservation and educational programs.

(5) Matching funds for urban forestry grant projects for the Town of Windermere.

## Sec. 5.01.14. Penalty.

(a) Any agent or representative, including without limitation a contractor or subcontractor, who applies for a tree removal permit on behalf of a property owner or, who on behalf of a property owner removes a tree or otherwise violates this division without appropriate permits or town approval, is jointly and severally liable with the property owner for resulting costs, fees, or fines. The town may pursue, in its sole discretion, one or more liable parties to recover said costs, fees or fines.

(b) Any person or entity who is liable for unpaid costs, fees or fines under this division is subject to the placement of a "stop work order" on any project involving said person or entity until such time as the costs, fees or fines are paid and such is certified as having occurred by the town. No person or entity that is liable for unpaid costs, fees, or fines under this division shall be entitled to obtain or perform work under any other permits until such time as the costs, fees, or fines are paid and such is certified as having occurred by the town. No person or entity that is liable for unpaid costs, fees, or fines under this division shall be entitled to obtain a certificate of occupancy until such time as the costs, fees, or fines are paid and such is certified as having occurred by the town.

(c) If it is determined that the property owner or agent failed to receive the proper permits prior to removal of trees, the registered property owner will be fined twice the amount due for mitigation purposes. If payment is not received within 30 days of the determination of the penalty, the town may seek a lien on the property and assess legal and filing fees in addition to the penalty amount.

## Sec. 5.01.15. Appeals.

(a) Upon denial of permit, or conditions placed thereon for tree removal permit, the grounds for such action shall be given to the applicant in writing. Applicants may appeal the denial decision or specific conditions placed on the approval.

(b) All appeals of tree mitigation fees, replacement requirements, and penalties shall be submitted in writing to the town manager within ten days after the permit is issued or after a penalty is imposed.

(c) Following the receipt of a written request to appeal a denial of a tree removal permit or a request to appeal conditions placed on the approval of a tree removal permit the town manager shall consider the appeal within 30 days or as soon as possible thereafter and make a final decision. The final decision of the town manager shall be sent to the applicant by certified and regular mail within ten days.

(d) The applicant may appeal the decision of the town manager to the town council if a further appeal is filed within 15 days of the date of the decision by the town manager. The town council may reverse, modify, or uphold the decision of the town manager at its next available regular scheduled meeting or at a later meeting if requested by the applicant or the town.

(e) Except in the event of an emergency as declared by the town manager, removal of a protected tree without a permit, except as allowed under this division, shall make void any appeals.

(f) Removal of protected trees requested on the tree removal permit application is regarded as the applicant's acceptance of the conditions for removal as stated on the application and voids any appeals.

## Sec. 5.01.16. Dead or diseased trees on private property.

The town shall have the right to cause the removal of any dead or diseased trees on private property within the town, when such trees are deemed hazardous by a Certified Arborist or Florida licensed landscape architect, or harbor insects or disease which constitute a potential threat to other trees within the town. The town will notify in writing the owners of such trees. Said owners, at their own expense, shall comply with removal within 60 days after the date of service of notice. In the event of failure of owners to comply with such provisions, the town shall have the authority to remove such trees and charge the cost of removal and disposal to the owners or otherwise recoup costs in accordance with the provisions of the Town's Code of Ordinances or Land Development Code.

## Sec. 5.01.17. Development site tree protection standards.

(a) During construction and development, all reasonable steps necessary to prevent destruction or damage to trees and native vegetation shall be consistent with the Tree Protection Zone (TPZ) as defined in Section 5.01.03 of this division. All tree and landscape work shall be governed by the American National Standards

Institute (ANSI) A-300 Series and the best management practices. Unless otherwise authorized by a tree removal permit, trees and native vegetation destroyed or receiving major damage must be replaced by trees and vegetation of equal environmental value, as specified by the town manager or his designee (permitting authority) before occupancy or use. However, an alternative tree protection plan prepared by an ISA Certified Arborist or Florida Licensed Landscape Architect may be submitted to the town for review and consideration for approval if it provides the proper protection for the construction activity not to negatively impact the tree's health.

(b) Approved tree removal permits are to be posted on site, legible, and visible from the street prior to commencement and throughout completion of the work.

(c) During construction, unless otherwise authorized by a tree removal permit or approval by the town manager or his designee, (i) no parking or use of vehicles, equipment or machinery, or (ii) no storing or dumping any material, trash, construction debris, or liquids, or (iii) no construction, excavation, trenching. excess soil, or additional fill, , shall be placed within the dripline and tree protection zone of any tree that is required to be preserved in its original location.

(d) No attachments or wires other than those of a protective and non-damaging nature shall be attached to any tree during construction or development.

(e) Unless otherwise authorized by the tree removal permit, no soil shall be removed from within the dripline of any tree that is to remain in its original location.

(f) Prior to construction, the permit applicant is required to have the following protective barriers and measures put in place:

(1) All protective barriers shall be installed and maintained for the period of time beginning prior to the commencement of any land clearing or building operations and ending with the completion of the permitted clearing or building construction work on the site, whichever is later.

(2) The applicants for a tree removal permit shall, at the time of application, designate an on-site representative for the installation and maintenance of all tree and shrub protective barriers.

(3) The tree protection zone shall be protected during all land development and construction activities by the placement of protective barricades at the outer limits of the tree protection zone. The protective barricade for all specimen and heritage trees must be made of 6-foot-high metal chain link fencing securely attached to metal posts at least 2 ½" in outer diameter and spaced no farther than 10 feet apart. The protective barricade for all other protected trees must be a minimum of 4-foot high and made of materials that will provide protection through the end of the construction activity. Posts to support the protective barricade must be at least four (4) inches by four (4) inches in cross-section, or a metal post as described above. The barricade fencing must be highly visible and have a continuous screen/fence a minimum of 4 feet higher than ground level at the barricade; must be installed prior to the start of any construction activities and must remain intact, secure, and fully functional through the completion of all construction activities. If at any point during construction the barricade does not meet these credentials, a "stop work order" may be placed on the project until the barricade is corrected.

(4) When protection of trees is required, a 3" minimum thickness of organic mulch shall cover the entire tree protection zone except that a clear area of 6 inches must remain around the perimeter of the tree trunk.

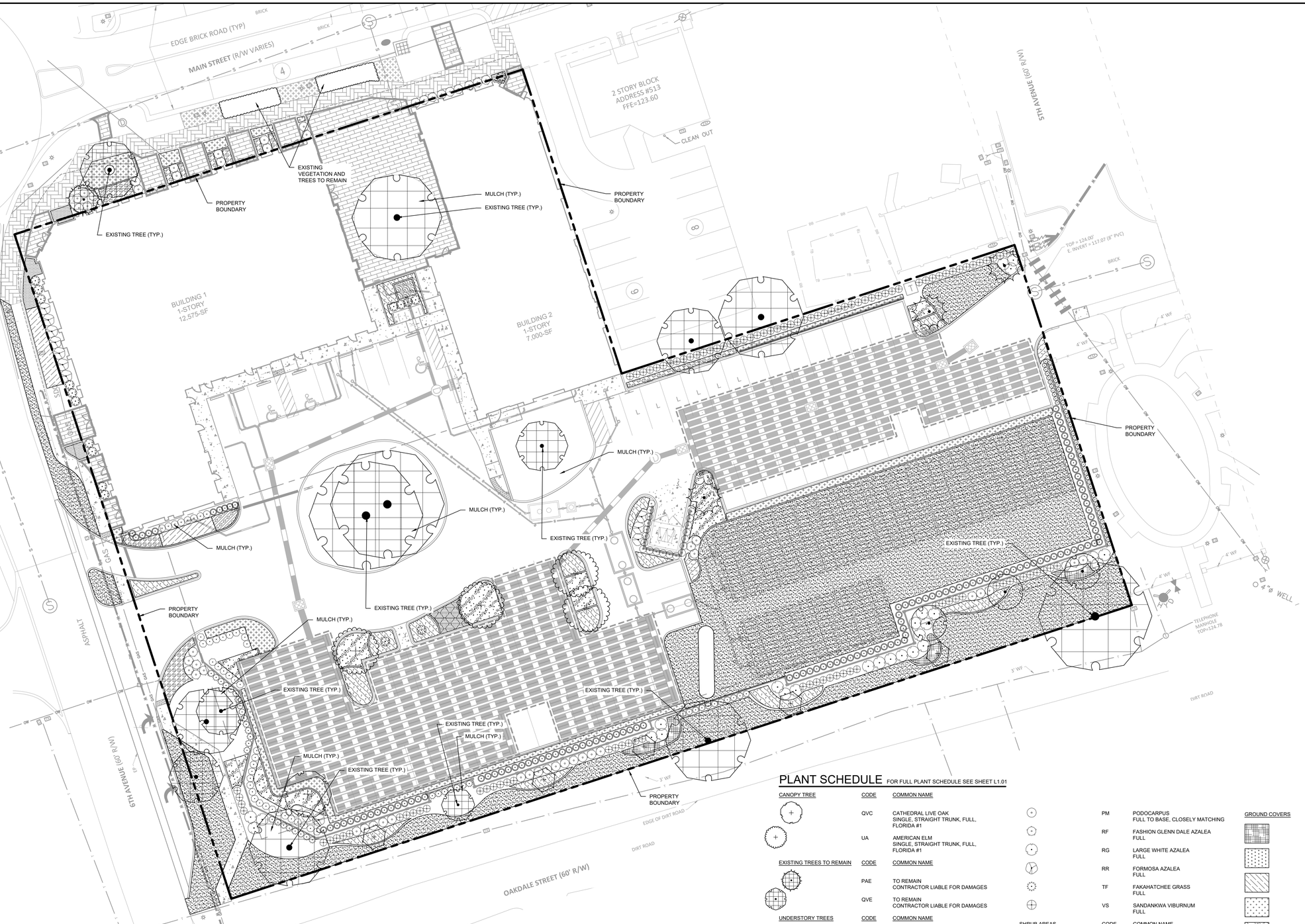
(5) A tree protection sign shall have a background color of white or yellow and be a minimum of two feet wide by two feet high consisting of durable rigid, plastic or metal material with non-fading lettering, legibly printed in characters having a contrast ratio of at least 4.5:1 with styles and character heights as stated below on its face. Tree protection signs and barriers are to be maintained through job completion or as otherwise required by the town manager or his designee. A minimum of one sign is

required per twenty-five linear feet of barrier. Sign text shall include both English and Spanish and shall read:

| | |
|---|---|
| *2" High Minimum – BOLD* | *"Tree Protection Zone"* |
| *1" High Minimum – BOLD* | "Prohibited within this area: " |
| *1/2" High Minimum* | "1. Parking of use of vehicles, equipment, or machinery." |
| *1/2" High Minimum* | "2. Storage or dumping of any materials or liquids. " |
| *1/2" High Minimum* | "3. Construction, excavation, or trenching. " |
| *2" High Minimum – BOLD* | "Zona de Protection de Árboles " |
| *1" High Minimum – BOLD* | "Prohibido dentro de esta area: " |
| *1/2" High Minimum* | "1. Aparcar o uso de vehiculo, equipamiento, o maquinaria." |
| *1/2" High Minimum* | "2. Almacenar o tirar de liquidos o materiales. " |
| *1/2" High Minimum* | "3. Construcciòn, excavaciòn o zanjas." |

## Sec. 5.01.18. Official tree and palm species.

Tree and palm species for the Town of Windermere, Florida are outlined in the Florida-Friendly Landscaping™ Plant Guide as generated and maintained by the University of Florida, Institute of Food and Agricultural Sciences (UF|IFAS). The goal is to plant the right tree in the right place. Species selections should be listed as suitable for the current U.S. Department of Agriculture (USDA) Plant Hardiness Zone for the specific planting location. No species other than those included in the current UF|IFAS Plant Guide may be planted as street trees, park trees, or as trees planted in other public places. Trees not included in the current UF|IFAS Plant Guide will be considered by the town manager or his designee for use in landscaping on private property provided they are indigenous, drought tolerant and are not invasive or noxious:




NORTH

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0 10 20 40

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

## PLANT SCHEDULE

FOR FULL PLANT SCHEDULE SEE SHEET L1.01

| CANOPY TREE | CODE | COMMON NAME |
|---|---|---|
| | QVC | CATHEDRAL LIVE OAK<br>SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1 |
| | UA | AMERICAN ELM<br>SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1 |

| EXISTING TREES TO REMAIN | CODE | COMMON NAME |
|---|---|---|
| | PAE | TO REMAIN<br>CONTRACTOR LIABLE FOR DAMAGES |
| | QVE | TO REMAIN<br>CONTRACTOR LIABLE FOR DAMAGES |

| UNDERSTORY TREES | CODE | COMMON NAME |
|---|---|---|
| | IAE | EAST PALATKA HOLLY<br>SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1 |
| | LIN | NATCHEZ CRAPE MYRTLE MULTI-TRUNK<br>STANDARD, SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1 |
| | LJ | JAPANESE PRIVET<br>MULTI-TRUNK, 4 TRUNKS, FULL, FLORIDA #1 |

| SHRUBS | CODE | COMMON NAME |
|---|---|---|
| | AGE | EDWARD GOUCHER GLOSSY ABELIA<br>FULL |
| | FIC PUM | CREEPING FIG<br>FULL, TRAIN TO WALL |
| | GM | MIAMI SUPREME GARDENIA<br>STANDARD, FULL |
| | IF | FLORIDA ANISE<br>FULL |
| | PM | PODOCARPUS<br>FULL TO BASE, CLOSELY MATCHING |
| | RF | FASHION GLENN DALE AZALEA<br>FULL |
| | RG | LARGE WHITE AZALEA<br>FULL |
| | RR | FORMOSA AZALEA<br>FULL |
| | TF | FAKAHATCHEE GRASS<br>FULL |
| | VS | SANDANKWA VIBURNUM<br>FULL |

| SHRUB AREAS | CODE | COMMON NAME |
|---|---|---|
| | BT | MISS ALICE BOUGAINVILLEA<br>FULL |
| | JM | DOWNEY JASMINE<br>FULL |
| | NF | MACHO FERN<br>FULL |
| | PA | BLUE PLUMBAGO<br>FULL |
| | RA | WHITE INDIAN HAWTHORN<br>FULL |

| GROUND COVERS | CODE | COMMON NAME |
|---|---|---|
| | AE | CAST IRON PLANT<br>FULL |
| | EB | SHAGGY DWARF MORNING GLORY<br>FULL |
| | JP | PARSONI JUNIPER<br>FULL |
| | LMS | BIG BLUE LILYTURF<br>FULL |
| | TM | MINIMA ASIATIC JASMINE<br>FULL |

| SOD | CODE | COMMON NAME |
|---|---|---|
| | SOD A | FLORITAM ST. AUGUSTINE SOD<br>100% INSECT/DIEASE FREE, LAID TIGHT, ROLLED |

| No. | REVISIONS | DATE | BY |
|---|---|---|---|

Kimley»Horn
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189 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

LICENSED PROFESSIONAL

| | |
|---|---|
| KHA PROJECT | 149973004 |
| DATE | 07/11/2023 |
| SCALE | AS SHOWN |
| DESIGNED BY | KHA |
| DRAWN BY | NAA |
| CHECKED BY | MTF |
| DATE: | |

# LANDSCAPE PLAN

# WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE FL

SHEET NUMBER
L1.00

Plotted By:Abbott, Nora Sheet Set:Windermere Downtown Property Layout:L1.00 July 31, 2023 04:00:54pm K:\ORL_Civil\149973004-Windermere Downtown Property\CADD\CONST\PlanSheets\L1.00 - LANDSCAPE PLAN.dwg
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# PLANT SCHEDULE

| CANOPY TREE | CODE | QTY | BOTANICAL NAME | COMMON NAME | CONT | CAL | SIZE | DROUGHT TOL. | NATIVE |
|---|---|---|---|---|---|---|---|---|---|
| | QVC | 1 | QUERCUS VIRGINIANA 'CATHEDRAL'<br>SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1 | CATHEDRAL LIVE OAK | 100 GAL | 3.5" CAL MIN | 14` HT., 16` SPR. | YES | YES |
| | UA | 4 | ULMUS AMERICANA<br>SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1 | AMERICAN ELM | 65 GAL | 3" CAL. TOT. | 14` HT., 10` SPR. | YES | YES |
| **EXISTING TREES TO REMAIN** | **CODE** | **QTY** | **BOTANICAL NAME** | **COMMON NAME** | **CONT** | **CAL** | **SIZE** | **DROUGHT TOL.** | **NATIVE** |
| | PAE | 1 | EXISTING PALM<br>CONTRACTOR LIABLE FOR DAMAGES | TO REMAIN | EXISTING | - | - | | |
| | QVE | 14 | EXISTING LIVE OAK<br>CONTRACTOR LIABLE FOR DAMAGES | TO REMAIN | EXISTING | - | - | | |
| **UNDERSTORY TREES** | **CODE** | **QTY** | **BOTANICAL NAME** | **COMMON NAME** | **CONT** | **CAL** | **SIZE** | **DROUGHT TOL.** | **NATIVE** |
| | IAE | 3 | ILEX X ATTENUATA 'EAST PALATKA'<br>SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1 | EAST PALATKA HOLLY | FG | 3" CAL MIN | 12` HT., 6` SPR. | YES | YES |
| | LIN | 3 | LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ'<br>STANDARD, SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1 | NATCHEZ CRAPE MYRTLE MULTI-TRUNK | 65 GAL | 5" CAL. TOT. | 12` HT., 7` SPR. | YES | NO |
| | LJ | 5 | LIGUSTRUM JAPONICUM<br>MULTI-TRUNK, 4 TRUNKS, FULL, FLORIDA #1 | JAPANESE PRIVET | 100 GAL | 4" CAL. TOT. | 8` HT., 8` SPR. | YES | NO |
| **SHRUBS** | **CODE** | **QTY** | **BOTANICAL NAME** | **COMMON NAME** | **CONT** | **SPACING** | **SIZE** | **DROUGHT TOL.** | **NATIVE** |
| | AGE | 34 | ABELIA X GRANDIFLORA 'EDWARD GOUCHER'<br>FULL | EDWARD GOUCHER GLOSSY ABELIA | 3 GAL | 36" OC | 24" HT MIN | YES | YES |
| | FIC PUM | 41 | FICUS PUMILA<br>FULL, TRAIN TO WALL | CREEPING FIG | 3 GAL | 36" OC | 24" HT MIN | YES | NO |
| | GM | 17 | GARDENIA AUGUSTA 'MIAMI SUPREME'<br>STANDARD, FULL | MIAMI SUPREME GARDENIA | 7 GAL | SEE PLAN | 48" HT MIN | NO | NO |
| | IF | 124 | ILLICIUM FLORIDANUM<br>FULL | FLORIDA ANISE | 3 GAL | 36" OC | 20" HT MIN | YES | YES |
| | PM | 29 | PODOCARPUS MACROPHYLLUS<br>FULL TO BASE, CLOSELY MATCHING | PODOCARPUS | 7 GAL | 36" OC | 36" HT MIN | YES | NO |
| | RF | 55 | RHODODENDRON X 'FASHION'<br>FULL | FASHION GLENN DALE AZALEA | 7 GAL | SEE PLAN | 30" HT MIN | YES | NO |
| | RG | 26 | RHODODENDRON X `MRS. G. G. GERBING'<br>FULL | LARGE WHITE AZALEA | 7 GAL | SEE PLAN | 36" HT MIN | NO | NO |
| | RR | 13 | RHODODENDRON X 'FORMOSA'<br>FULL | FORMOSA AZALEA | 7 GAL | SEE PLAN | 36" HT MIN | YES | YES |
| | TF | 53 | TRIPSACUM DACTYLOIDES<br>FULL | FAKAHATCHEE GRASS | 3 GAL | 24" OC | 24" FULL | YES | YES |
| | VS | 106 | VIBURNUM SUSPENSUM<br>FULL | SANDANKWA VIBURNUM | 3 GAL | 36" OC | 36" HT MIN | YES | NO |
| **SHRUB AREAS** | **CODE** | **QTY** | **BOTANICAL NAME** | **COMMON NAME** | **CONT** | **SIZE** | **SPACING** | **DROUGHT TOLERANCE** | **NATIVE** |
| | BT | 7 | BOUGAINVILLEA X 'MISS ALICE' THORNLESS<br>FULL | MISS ALICE BOUGAINVILLEA | 3 GAL | 12" HT MIN | 36" OC | YES | NO |
| | JM | 19 | JASMINUM MULTIFLORUM<br>FULL | DOWNEY JASMINE | 3 GAL | 14" HT MIN | 30" OC | YES | NO |
| | NF | 22 | NEPHROLEPIS FALCATA<br>FULL | MACHO FERN | 3 GAL | 12" HT MIN | 30" OC | YES | NO |
| | PA | 147 | PLUMBAGO AURICULATA<br>FULL | BLUE PLUMBAGO | 3 GAL | 12" HT MIN | 36" OC | YES | NO |
| | RA | 104 | RHAPHIOLEPIS INDICA 'ALBA'<br>FULL | WHITE INDIAN HAWTHORN | 3 GAL | 18" HT MIN | 30" OC | YES | NO |
| **GROUND COVERS** | **CODE** | **QTY** | **BOTANICAL NAME** | **COMMON NAME** | **CONT** | **SIZE** | **SPACING** | **DROUGHT TOL.** | **NATIVE** |
| | AE | 105 | ASPIDISTRA ELATIOR<br>FULL | CAST IRON PLANT | 1 GAL | 20" HT. MIN | 18" OC | YES | NO |
| | EB | 103 | EVOLVULUS NUTTALLIANUS `BLUE DAZE'<br>FULL | SHAGGY DWARF MORNING GLORY | 1 GAL | 12" SPRD MIN | 18" OC | YES | NO |
| | JP | 94 | JUNIPERUS CHINENSIS 'PARSONII'<br>FULL | PARSONI JUNIPER | 1 GAL | 10" - 12" SPRD | 24" OC | YES | NO |
| | LMS | 781 | LIRIOPE MUSCARI 'BIG BLUE'<br>FULL | BIG BLUE LILYTURF | 1 GAL | 12" FULL | 18" OC | YES | NO |
| | TM | 1,099 | TRACHELOSPERMUM ASIATICUM 'MINIMA'<br>FULL | MINIMA ASIATIC JASMINE | 1 GAL | 8" SPRD MIN | 14" OC | YES | NO |
| **SOD** | **CODE** | **QTY** | **BOTANICAL NAME** | **COMMON NAME** | **CONT** | **SIZE** | **SPACING** | **DROUGHT TOL.** | **NATIVE** |
| | SOD A | 16,584 SF | STENOTAPHRUM SECUNDATUM 'FLORITAM'<br>100% INSECT/DIEASE FREE, LAID TIGHT, ROLLED | FLORITAM ST. AUGUSTINE SOD | SOD | - | - | NO | NO |

PLA

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SHRUBS

SHRUB

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SOD

LANDSCAPE NOTES:

1. ALL LANDSCAPE MATERIAL TO BE FLORIDA GRADE #1 OR BETTER QUALITY
2. ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
3. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
4. ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
5. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
6. ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES ADJACENT TO THE WORK AREA 2) TO PROTECT ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN FOR THE WARRANTY PERIOD.
11. ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
12. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR WARRANTY PERIOD. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
13. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
14. ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES, AND SHALL BE FLORIDA NO. 1 OR BETTER AS GIVEN IN "GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II," STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
15. ALL INVASIVE / EXOTIC SPECIES AND PROHIBITED TREE SPECIES SHALL BE REMOVED FROM SITE, INCLUDING ROOT BALLS TO THE EXTENT POSSIBLE WITH NO DAMAGE TO ADJACENT EXISTING TREES.
16. ALL LANDSCAPE AREAS WILL BE PROVIDED WITH PERMANENT AUTOMATIC IRRIGATION SYSTEM.
17. TREE SUPPORT MATERIALS ARE TO BE REMOVED FROM EACH TREE ONCE IT IS "ESTABLISHED" (AS APPROVED BY THE LANDSCAPE ARCHITECT).
18. ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.

NORTH

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PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106


LICENSED PROFESSIONAL

KHA PROJECT 149973004
DATE 07/11/2023
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY NAA
CHECKED BY MTF
DATE:

# LANDSCAPE SCHEDULE & NOTES

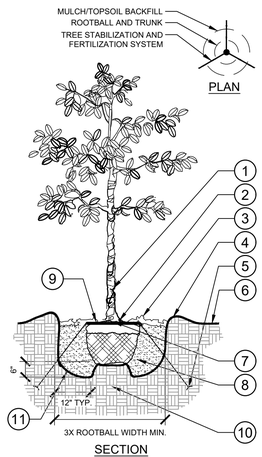
# WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE FL

SHEET NUMBER
L1.01


Plotted By:Abbott, Nora Sheet Set:Windermere Downtown Property Layout:L1.01 July 31, 2023 04:00:56pm K:\ORL_Civil\149973004-Windermere Downtown Property\CADD\CONST\PlanSheets\L1.00 - LANDSCAPE PLAN.dwg

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SECTION

1. TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT.
2. 6" DIA. CLEAR OF MULCH AT TRUNK FLARE.
3. 3" MINIMUM MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
4. 4" HIGH BERM, FIRMLY COMPACTED.
5. TREE FROG ANCHOR SYSTEM INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
6. FINISHED GRADE. (SEE GRADING PLAN)
7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. TOP OF ROOTBALL SHALL BE 1" ABOVE FINISHED GRADE. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED NATIVE SOIL.
11. SCARIFY BOTTOM AND SIDES OF PLANTING PIT.

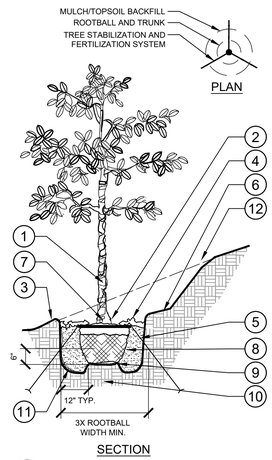
NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI A-300.

1 L1.50 **TREE PLANTING**
SECTION / PLAN — NTS




SECTION

1. TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT.
2. 6" DIA. CLEAR OF MULCH AT TRUNK FLARE.
3. 3. 4" HIGH BERM, FIRMLY COMPACTED.
4. 3" MINIMUM OF HARDWOOD BARK MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
5. TREE FROG ANCHOR SYSTEM INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
6. 4" MIN. OF TOPSOIL TO BRING TO FINISHED GRADE. (SEE GRADING PLAN)
7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED NATIVE SOIL.
11. SCARIFY BOTTOM AND SIDES OF PLANTING PIT.
12. CUT BACK SLOPE TO PROVIDE A FLAT SURFACE FOR PLANTING.

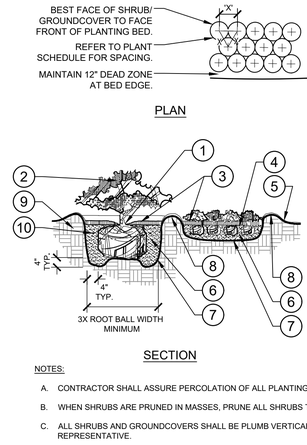
NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI A-300.

2 L1.50 **TREE PLANTING ON A SLOPE**
SECTION / PLAN — NTS




SECTION

1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
2. PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.
3. 3" MULCH LAYER AS SPECIFIED.
4. EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
5. FINISHED GRADE (SEE GRADING PLAN).
6. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND-COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
7. SCARIFY OF PLANTING PIT SIDES AND BOTTOM.
8. 4" HIGH BERM FIRMLY COMPACTED.
9. UNDISTURBED NATIVE SOIL.
10. FERTILIZER TABLETS (MAX 3" DEEP)

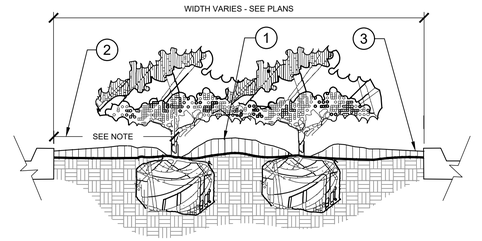
NOTES:

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

3 L1.50 **SHRUB/GROUNDCOVER PLANTING**
SECTION / PLAN — NTS




1. CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS).
2. CLEAR ZONE: 36" MIN. FROM BACK OF CURB TO CENTER OF NEAREST SHRUB. CLEAR ZONE SHALL CONTAIN 3" CONTINUOUS MULCH OR TURF, SEE PLANS.
3. 2" MIN VERTICAL CLEARANCE, TOP OF CURB TO TOP OF MULCH.

NOTES:

A. EXCAVATE A CONTINUOUS 24" DEEP PIT (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF ISLAND & BACKFILL WITH APPROVED PLANTING MIX.

B. PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL SUPPORT OF CURB SYSTEM (TYP).

C. ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2" PER HOUR OR LESS.

4 L1.50 **PLANTED PARKING LOT ISLANDS/MEDIANS**
SECTION — NTS




SECTION

1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
2. PRUNE SHRUBS AS DIRECTED BY OWNER'S REPRESENTATIVE.
3. 3" MINIMUM OF MULCH AS SPECIFIED. WHERE SHRUBS ARE PLACED IN MASSES, MULCH SHALL BE SPREAD IN A CONTINUOUS BED.
4. SOIL BERM TO HOLD WATER. TOP OF PLANTING PIT 'BERM' TO BE LEVEL ACROSS PIT. SLOPE DOWNHILL PORTION OF BERM AS REQUIRED TO MEET EXISTING GRADE. MULCH OVER EXPOSED TOPSOIL.
5. FINISHED GRADE (SEE GRADING PLAN)
6. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES).
7. SCARIFY SIDES AND BOTTOM OF PLANTING PIT.
8. FERTILIZER TABLETS (MAX 3" DEEP).
9. UNDISTURBED NATIVE SOIL

NOTES:

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

5 L1.50 **SHRUB/GROUNDCOVER PLANTING ON A SLOPE**
SECTION — NTS

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IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.




NOTES:

1. CLEAR ZONE: 36" MIN. FROM BUILDING TO CENTER OF NEAREST SHRUB.
2. INSTALL SPECIFIED MULCH: 24" MIN. FROM BUILDING. SPECIFIED MULCH TO BE INSTALLED AT A DEPTH OF 3" (MIN.)

6 L1.50 **PLANTINGS ADJACENT TO BUILDINGS**
SECTION — NTS




1. INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. MULCH SHALL BE MIN. 3" DEEP. NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE.
2. CURB / PARKING LOT EDGE.

7 L1.50 **PARKING SPACE/CURB PLANTING**
SECTION — NTS




SECTION




PLAN

1. FIRE HYDRANT.
2. NO PLANT EXCEEDING 12" MATURE HEIGHT MATERIAL SHALL BE PLACED WITHIN SHOWN RADIUS OF ALL PROPOSED OR EXISTING FIRE HYDRANTS. CONTRACTOR SHALL ADJUST PLANT MATERIAL SO THAT NO CONFLICTS WITH FIRE HYDRANTS OCCUR ON SITE.
3. FRONT OF HYDRANT (TOWARD CURB)

8 L1.50 **SHRUB PLANTING AT FIRE HYDRANT**
SECTION / PLAN — NTS




PLAN




SECTION

1. FINISH GRADE (SEE GRADING PLANS).
2. BACKFILL WITH PREPARED PLANTING SOIL MIX AS SPECIFIED.
3. FILTER CLOTH, MIRAFI 500X OR BETTER.
4. SLOPE BOTTOM TO DRAIN.
5. AUGURED HOLE Ø ±18" PENETRATE THROUGH OCCLUDING LAYER TO WATER TABLE OR TO A DEPTH OF 7' TO ASSURE PROPER PERCOLATION.
6. BACKFILL WITH 1/2" - 3/4" GRAVEL TO REQUIRED DEPTH THROUGH OCCLUDING LAYER TO ASSURE PROPER PERCOLATION.
7. WATER TABLE. (DEPTH VARIES)
8. UNDISTURBED NATIVE SOIL.
9. SET ROOTBALL ON UNDISTURBED STABLE SUBSOIL SO THAT TOP OF ROOT BALL IS 1" ABOVE FINISHED GRADE.

NOTES:

A. THIS DETAIL SHALL BE IMPLEMENTED WHERE PERCOLATION RATES ARE 2" PER HOUR OR LESS.

B. CONTRACTOR TO PERFORM PERCOLATION TEST AS REQUIRED. AND NOTIFY OWNER/LANDSCAPE ARCHITECT.

C. SEE TYPICAL TREE PLANTING DETAIL THIS SHEET FOR PLANT STAKING.

9 L1.50 **POOR DRAINAGE CONDITION**
SECTION / PLAN — NTS




ELEVATION




PLAN



CORNER CONNECTION — CONNECTION

1. 6'H "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
2. 8' TALL METAL "T" POSTS OR 2" x 2" X 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

INSTALLATION NOTES:

A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.

B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/3 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 6' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.

C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).

D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

10 L1.50 **TREE PROTECTION FENCING**
ELEVATION / PLAN — NTS




PLAN

SECTION

1. 5 LAYERS OF BURLAP TO PROTECT TRUNK.
2. FIVE 2" X 4" X 18" WOOD BATTENS.
3. SECURE BATTENS WITH 2- 3/4" CARBON STEEL BANDS TO HOLD BATTENS IN PLACE. NO NAILS SHALL BE DRIVEN INTO PALM. HEIGHT OF BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING.
4. (3) 2"X4"X6' SUPPORTS. NAIL (DRILL AN NAIL IF NECESSARY) TO BATTENS AND 2" 4" STAKES. STAIN DARK BROWN.
5. 3" SPECIFIED MULCH
6. BERM SOIL TO HOLD WATER.
7. FINISH GRADE
8. 2X4X24" (MIN).P.T. WOOD STAKES (TYP.) NAIL TO SUPPORT POLES.
9. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES).

NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. ALL TREE STAKING IS TO BE WITHIN MULCH BED AREA OUTSIDE TREE PIT.

C. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION - REFER TO POOR DRAINAGE CONDITION DETAIL.

11 L1.50 **PALM PLANTING**
SECTION / PLAN — NTS




SECTION

1. BASE OF TREE SHALL BE PLANTED SLIGHTLY ABOVE (1" MIN.) ADJACENT FINISH GRADE. REMOVE ALL TWINE & STRAPS & CUT BURLAP FROM TOP 1/3 OF ROOT BALL. NO SYNTHETIC BURLAP WILL BE ACCEPTED.
2. 4" SHREDDED HARDWOOD MULCH OR APPROVED EQUAL.
3. DIAMETER OF TREE PIT TO BE TWICE THE DIAMETER OF ROOT BALL-ROUGHEN SIDES OF TREE PIT.
4. 3" HIGH SOIL BERM TO HOLD WATER.
5. TOPSOIL MIX BACKFILL.
6. TREE WRAP.
7. 4" MIN. OF TOPSOIL TO BRING TO FINISHED GRADE (SEE GRADING PLAN).
8. ROOT BALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING ROOT BALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EARTH.
9. UNDISTURBED SUBSOIL.
10. PREPARE PLANTING SOIL AS SPECIFIED.
11. **Tree Frog® RBK40pt** FOR UP TO 4" TREE CALIPER OR **Tree Frog® RBK60pt** FOR GREATER THAN 4" AND UP TO 6" TREE CALIPER. REFER TO SITEWORK SPECIFICATIONS FOR APPROVED MATERIALS AND INSTALLATION REQUIREMENTS.

NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. SET TREE AT ORIGINAL DEPTH. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.

D. PRUNE TREE AS DIRECTED BY LANDSCAPE ARCHITECT

E. ASSURE PERCOLATION OF ALL PLANTING PITS

12 L1.50 **MULTI-TRUNK TREE PLANTING**
SECTION/PLAN — NTS

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LICENSED PROFESSIONAL

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| KHA PROJECT | 149973004 |
| DATE | 07/11/2023 |
| SCALE | AS SHOWN |
| DESIGNED BY | KHA |
| DRAWN BY | NAA |
| CHECKED BY | MTF |

# LANDSCAPE DETAILS

WINDERMERE DOWNTOWN PROPERTY
TOWN OF WINDERMERE FL

SHEET NUMBER
L1.50

## GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

A. SCOPE OF WORK

1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS SPECIFIED HEREIN.

2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

1. ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES ACCORDING TO ALL REGULATORY AGENCY'S STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES.

3. THE CONTRACTOR SHALL SUBMIT A DETAILED PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN UNLESS THE WORK REQUIRES NOTHING MORE THAN A DIRECT APPLICATION OF FDOT DESIGN STANDARDS, INDEX 600. IF A DIRECT APPLICATION OF INDEX 600 IS PROPOSED, THE CONTRACTOR SHALL SUBMIT IN WRITING A STATEMENT INDICATING THE STANDARD INDEX AND PAGE NUMBER NO LESS THAN 10 BUSINESS DAYS PRIOR TO START OF CONSTRUCTION. WHEN A DIRECT APPLICATION OF FDOT STANDARD INDEX 600 IS NOT ACCEPTABLE A PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN SHALL BE PREPARED BY A FLORIDA PROFESSIONAL ENGINEER WHO HAS SUCCESSFULLY COMPLETED ADVANCED TRAINING IN MAINTENANCE OF TRAFFIC, AS DEFINED BY FDOT FOR APPROVAL BY THE COUNTY ENGINEER'S REPRESENTATIVE.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE INFORMATION AND DATA SHOWN WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AT OR CONTIGUOUS TO THE SITE IS APPROXIMATE AND BASED ON INFORMATION FURNISHED BY THE OWNER OF SUCH UNDERGROUND FACILITIES OR ON PHYSICAL APPURTENANCES OBSERVED IN THE FIELD. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR; REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA; LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION; THE SAFETY AND PROTECTION THEREOF; REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

C. PROTECTION OF EXISTING PLANT MATERIALS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC.. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED ON SITE. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF THREE HUNDRED DOLLARS ($300) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

2. SEE TREE MITIGATION PLAN AND NOTES, IF APPLICABLE.

D. MATERIALS

1. GENERAL

MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

| MATERIAL | SAMPLE SIZE |
|---|---|
| MULCH | ONE (1) CUBIC FOOT |
| TOPSOIL MIX | ONE (1) CUBIC FOOT |
| PLANTS | ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY) |

2. PLANT MATERIALS

a. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS. INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE.

b. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.

c. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY. SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

1. CONTRACTOR SHALL TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:

2. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW. CONTRACTOR TO SUBMIT SAMPLES AND PH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

a. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND HAVE A PH BETWEEN 5.5 AND 7.0.

b. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND.

2. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.

F. WATER

1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC... IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

* WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

G. FERTILIZER

CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.

* FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. MULCH

1. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE). MULCH SHALL BE "FLORIMULCH," EUCALYPTUS MULCH, OR SIMILAR SUSTAINABLY HARVESTED MULCH UNLESS SPECIFIED OTHERWISE.

2. PROVIDE A THREE (3) INCH MINIMUM LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT (6' MINIMUM) PLANTED UNDER THIS CONTRACT.

I. DIGGING AND HANDLING

1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO THE SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.

2. BALLED AND BURLAPPED (B&B), AND FIELD GROWN (FG) PLANTS SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS SHALL NOT BE HANDLED BY STEMS.

3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.

4. PROTECTION OF PALMS: ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL.

5. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES.

J. CONTAINER GROWN STOCK

1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.

2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

3. ROOT BOUND PLANTS ARE NOT ACCEPTABLE AND WILL BE REJECTED.

4. RPG= "ROOTS PLUS GROWER" CONTAINER PRODUCTS SHALL BE USED WHERE SPECIFIED.

K. COLLECTED STOCK

WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

L. NATIVE STOCK

PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

M. MATERIALS LIST

QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.

N. FINE GRADING

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.

2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.

3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES, IF APPLICABLE.

O. PLANTING PROCEDURES

1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36" OR TO NATIVE SOIL. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE POOR DRAINAGE CONDITION PLANTING DETAIL.

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS SPECIFIED HEREIN. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.

5. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ONSITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEALED IN FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.

6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.

7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACK FILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.

8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.

9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.

10. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).

11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.

12. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET, ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE. ALL BURLAP, ROPE, WIRES, BASKETS, ETC.,, SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.

13. TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY CERTIFIED ARBORIST, IN ACCORDANCE WITH ANSI A-300.

14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMEN REQUIREMENTS OR QUANTITIES SHOW ON PLANS, WHICHEVER IS GREATER. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.

16. ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)

P. LAWN SODDING

1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.

2. ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.

3. PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

4. SODDING

a. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.

b. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.

c. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.

5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

6. LAWN MAINTENANCE

a. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF NECESSARY).

b. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

R. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.

S. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

T. WARRANTY

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.

2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.

3. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH

# Windermere Tree Board

# Minutes DRAFT

**March 12, 2025**

Mission Statement: Augment community awareness of our Urban Forest, provide education regarding the benefits of trees and a commitment to protect, preserve and proliferate our community's Urban Forest. Beautify our Windermere Parks and Recreation Areas.

Tree Board Members: Frank Krens-Chairman, Pamela Schrimsher-Treasurer, Vicki Hearst- Vice Chair, Bonnie DiCocco-Secretary, Joan Foglia, Olga Aleksandrova, Elena LaRochelle

**1. THE MEETING IS CALLED TO ORDER BY THE CHAIR**

The meeting was called to order with a quorum at 9:20am.

- Tree Board members Vicki Hearst, Pam Schrimsher, Olga Aleksandrova, Elena LaRochelle, and Frank Krens were present..
- Public Works Director/Assistant Town Manager Tonya Elliott-Moore participated.
- Town Council Brandi Haines participated

**2. OPEN FORUM / PUBLIC COMMENT (3-Minutes Limit) -** None

**3. OLD BUSINESS**

**a. Trailer Repairs and Restocking Status**

Frank said that he replaced the old locks with new ones and got 4 sets of keys. The locks are all keyed the same except for the hitch lock. Frank said he still needs to replace of missing foot for the jack. Vicki said that she and Pam went through the trailer contents, which have been stored at Public Works, threw away any junk, and returned personal items to their owners.

Regarding lessons-learned, Vicki said that:

**b. Tree Ordinance Revision Status**

Tree Board members, with assistance from Tonya and Brandi, reviewed the marked-up Ordinance in detail and with few exceptions agreed with all changes. The following items were noted for clarification:

- Page 29 – correct "drip line" to one word for consistency.
- Page 33 – clarify whether "Tree Replacement Trust Fund" is an official name and deserving all caps

- Page 35 – Review whether to specifically call out use of pavers and/or mulch.

Tree Board members expect to approve the Ordinance at a special meeting starting at 9am on Monday March 31.

**c. Status and Issues of the 500 Block Development**

Regarding curbing near trees, Tree Board recommends that the Town's arborist oversee the design and installation. Tonya said she would discuss this with Town Planner Brad Cornelius.

**4. NEW BUSINESS**

**a. Minutes of the February 20, 2025 Meeting**

Elena made a motion to approve the February minutes. Olga seconded and the motion passed unanimously.

**b. Reviewing and Approving Tree Board Ordinance Changes**

This is a repeat of item 3.b. No further discussion.

**c. Treasurer's Report – Pam Schrimsher –** No report provided

**d. Strategic Planning Initiatives**

The following were discussed:

- Design an overall tree planting program
- Make flyers for Realtors to provide to their clients
- Plan a tree replacement program for Town Right-of Ways

**5. OTHER ITEMS FOR CONSIDERATION**

**a. Date and time for next regular meeting –** Thursday April 17, 2025 at 9:15am

**6. ADJOURN –** The meeting was adjourned at ____.

**DRAFT MINUTES**
**Tree Board Meeting – March 31, 2025**

**Call to Order**
The meeting was called to order by the Chair at 9:02 AM.

**2. Open Forum / Public Comment**
No members of the public requested to speak. (3-minute time limit per speaker)

**3. Old Business**

**Review and Finalization of Tree Board Ordinance**
The Tree Board convened to review and finalize the draft of the updated Tree Board Ordinance. Chris Thompson of Wade Trim facilitated the discussion and made real-time revisions to the document during the meeting.

The following updates were made:

- Clarified fencing requirements in Section 10(f)(3), including specifications for post sizes.
- Included language stating that non-compliance will result in an immediate stop work order.
- Added a definition for “mulch” and clarified acceptable mulch types in Section 10(f)(4).
- Revised Section 5(6) by replacing the term “yard” with “buildable area.”
- Capitalized “Tree Mitigation Fund” in Section 5.01.13(b).

A motion to approve the ordinance revisions as presented was made by Pam and seconded by Elena. The motion passed unanimously.

**4. Adjournment**
The meeting was adjourned at 10:27 AM.

# Town of Windermere
## Account Detail 10/01/2024 to 9/30/2025

YEAR TO DATE



| Date | Post Type | Source | Reference | Description | Units | Debit | Credit | Balance |
|---|---|---|---|---|---|---|---|---|
| 001 0348 000 4100 Tree Board Committee REVENUE | | | | | | | | 0.00 |
| 10/04/2024 | Actual | C/R | 0001290 | River City Events and Gatherings LLC Farmers Market 10/04/2024 | | | 280.00 | (280.00) |
| 10/18/2024 | Actual | C/R | 0001291 | River City Events and Gatherings LLC Farmers Market 10/18/2024 | | | 290.00 | (570.00) |
| 10/31/2024 | Actual | C/R | 0001292 | River City Events and Gatherings LLC Farmers Market 10/25/2024 | | | 275.00 | (845.00) |
| 11/06/2024 | Actual | C/R | 0001295 | River City Events and Gatherings LLC FM 11/01/2024 | | | 265.00 | (1,110.00) |
| 11/08/2024 | Actual | C/R | 0001296 | River City Events and Gatherings LLC Farmers Market 11/08/2024 | | | 275.00 | (1,385.00) |
| 11/15/2024 | Actual | C/R | 0001294 | River City Events and Gatherings LLC 11.15.2024 Farmers Market | | | 280.00 | (1,665.00) |
| 11/22/2024 | Actual | C/R | 0001297 | River City Events and Gatherings LLC Farmers Market 11/22/2024 | | | 265.00 | (1,930.00) |
| 12/11/2024 | Actual | C/R | 0001299 | River City Events and Gatherings LLC Farmers Market 12/06/2024 | | | 290.00 | (2,220.00) |
| 12/13/2024 | Actual | C/R | 0001300 | River City Events and Gatherings LLC Farmers Market 12/13/2024 | | | 295.00 | (2,515.00) |
| 12/18/2024 | Actual | C/R | ROW | The Nunnelley Group LLC ROW Permit Lake Butler Blvd | | | 125.00 | (2,640.00) |
| 12/27/2024 | Actual | C/R | 0001303 | River City Events and Gatherings LLC Farmers Market 12/27/2024 | | | 205.00 | (2,845.00) |
| 1/03/2025 | Actual | C/R | 0001304 | River City Events and Gatherings LLC Farmers Market 1/3/2025 | | | 225.00 | (3,070.00) |
| 1/10/2025 | Actual | C/R | 0001306 | River City Events and Gatherings LLC Farmers Market 01/10/2025 | | | 235.00 | (3,305.00) |
| 1/17/2025 | Actual | C/R | 0001305 | River City Events and Gatherings LLC FM 01/17/2025 | | | 275.00 | (3,580.00) |

| Date | Post Type | Source | Reference | Description | Units | Debit | Credit | Balance |
|---|---|---|---|---|---|---|---|---|
| 1/27/2025 | Actual | C/R | 0001307 | River City Events and Gatherings LLC Farmers Market 1/24/2025 | | | 190.00 | (3,770.00) |
| 2/04/2025 | Actual | C/R | 0001308 | River City Events and Gatherings LLC Farmers Market 1.31.2025 | | | 270.00 | (4,040.00) |
| 2/19/2025 | Actual | C/R | 0001313 | River City Events and Gatherings LLC Farmers Market 2/14/2025 | | | 275.00 | (4,315.00) |
| 2/24/2025 | Actual | C/R | 0001310 | River City Events and Gatherings LLC Farmers Market 2/21/2025 | | | 245.00 | (4,560.00) |
| 2/27/2025 | Actual | C/R | 0002572 | Windermere Garden Club Arbor Day Tree | | | 150.00 | (4,710.00) |
| 2/28/2025 | Actual | C/R | 0001314 | River City Events and Gatherings LLC Farmers Market 2/28/2025 | | | 265.00 | (4,975.00) |
| 3/14/2025 | Actual | C/R | 0001317 | River City Events and Gatherings LLC Farmers Market 3/14/2025 | | | 275.00 | (5,250.00) |
| 3/21/2025 | Actual | C/R | 0001318 | River City Events and Gatherings LLC 3/21/2025 Farmers Market | | | 250.00 | (5,500.00) |
| 3/28/2025 | Actual | C/R | 0001548 | River City Events and Gatherings LLC 3/28/2025 Farmers Market | | | 290.00 | (5,790.00) |
| 4/04/2025 | Actual | C/R | 0001321 | River City Events and Gatherings LLC 4/4/2025 Farmers Market | | | 285.00 | (6,075.00) |
| 001 0348 000 4100 Tree Board Committee Total | | | | | 0.00 | 0.00 | 6,075.00 | (6,075.00) |
| **Report Total** | | | | | **0.00** | **0.00** | **6,075.00** | **(6,075.00)** |

# Town of Windermere
## Account Detail 10/01/2024 to 9/30/2025 YEAR TO DATE



| Date | Post Type | Source | Reference | Description | Units | Debit | Credit | Balance |
|---|---|---|---|---|---|---|---|---|
| 001 9200 000 5690 Tree Board Committee Events & Expenditures | | | | | | | | 0.00 |
| 1/09/2025 | Actual | A/P | 11519 | Mckeithen Growers, Inc<br>Centennial Legacy Trees/Tree Board Annual Tree Giveaway<br>PO 11088 | | 1,395.00 | | 1,395.00 |
| 1/09/2025 | Actual | A/P | 11519.1 | Mckeithen Growers, Inc<br>Trees for TB Tree Giveaway and Centennial Legacy Tree Giveaway -<br>PO 11110 | | 3,395.00 | | 4,790.00 |
| 1/10/2025 | Actual | A/P | 11519 | Mckeithen Growers, Inc<br>Cancel: Centennial Legacy Trees/Tree Board Annual Tree Giveaway<br>PO 11088 | | | 1,395.00 | 3,395.00 |
| 1/15/2025 | Actual | A/P | 1152025 | Lusk, Quinton Lynn<br>Tree Giveaway -Tree Board Tree Set up<br>event: 1/15/2025 | | 280.00 | | 3,675.00 |
| 1/15/2025 | Actual | A/P | 1152025 | Schrimser, Pam<br>Reimbursement - Tree Giveaway | | 22.18 | | 3,697.18 |
| 1/17/2025 | Actual | A/P | 2058 | Orlando Tree Consulting<br>Annual Fruit Tree Treatment #4 | | 350.00 | | 4,047.18 |
| 2/02/2025 | Actual | A/P | 222025 | Krens, Frank<br>Reimbursement - Tree Board Trailer Repairs | | 259.70 | | 4,306.88 |
| 2/07/2025 | Actual | A/P | 272025 | Elan - Merchant Services<br>TOW CC 1/9/2025-2/7/2025 | | 477.60 | | 4,784.48 |
| 2/07/2025 | Actual | A/P | 272025 | Elan - Merchant Services<br>TOW CC 1/9/2025-2/7/2025 | | 375.00 | | 5,159.48 |
| 2/24/2025 | Actual | A/P | 2167 | Orlando Tree Consulting<br>Annual Fruit Tree Program<br>Horticulture Oil Only | | 350.00 | | 5,509.48 |
| 001 9200 000 5690 Tree Board Committee Events & Expenditures Total | | | | | 0.00 | 6,904.48 | 1,395.00 | 5,509.48 |
| **Report Total** | | | | | **0.00** | **6,904.48** | **1,395.00** | **5,509.48** |