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APPROVED BY: SLP PROJECT 100077589
DRAWING NUMBER L2.06 100077589

GENERAL NOTES

- All construction shall be in accordance with the plans and written specifications. No substitutions shall be made without prior written approval by the owner's representative
- Written dimensions shall take precedence over scaled dimensions. The Contractor shall verify and be responsible for all dimensions and conditions on the job. The owner's representative shall be notified of any variation from the dimensions
- The Establishment Period for watering and maintenance by the Contractor shall be 365 days. The Contractor shall request an Establishment Period Inspection at the end of the 365 day Establishment Period. A representative from the CRA/City of Pensacola who is responsible for maintenance shall be in attendance at the establishment period inspection.
- Landscape materials shall be adjusted in the field to avoid conflicts with any (proposed or existing to remain) utility structures, drainage structures, ditches, under drains, ditch blocks, storm water management facilities, paving, drainage discharge paths, signage, overhead and underground utilities, lighting and their appurtenances. The Contractor shall not install the proposed improvements if a conflict exists. Any costs to remove and/or repair work installed that has not been approved by the owner's representative shall be at the Contractor's expense.
- The Contractor shall not bring any hazardous materials onto the project site. Should the Contractor require such for performing contracted work, the Contractor shall request, in writing, permission from the owner's representative in advance. The Contractor shall provide the owner's representative with a copy of the Material Safety Data Sheet (MSDS) for each hazardous material proposed for use. The owner's representative shall coordinate with the CRA/City prior to issuing written approval to the Contractor. Because State Law does not treat petroleum products that are properly containerized and intended for equipment use as a hazardous material, such products do not need a MSDS submittal Any known or suspected hazardous material found on the project by the Contractor shall be immediately reported to the owner's representative, who shall direct the Contractor to protect the area of known or suspected contamination from further access. The owner's representative is to notify the CRA/City of the discovery. The CRA/City will arrange for investigation, identification and remediation of the hazardous material. The Contractor shall not return to the area of contamination until approval is provided by the owner's representative.
- Landscape improvements shall be installed by the Contractor per the latest edition of FDOT Maintenance Supplemental Specification 580, and any Planting Specifications provided with the construction documents.
- The Contractor shall insure that, prior to moving on site, all equipment which last operated in areas known to be infested with noxious weeds is free of soil, seeds, vegetative matter, or other debris that could contain or hold seeds
- Quantities on Landscape Plan are minimum only. Contractor is responsible for their own quantity take-off, and shall provide all plant material required to fill plant bed area at spacing shown on plant schedule.
- Any existing concrete and base material in proposed planting area shall be removed completely and disposed of off site. Appropriate top soil and amendments shall be imported for optimal plant growth to replace removed material
- All erosion control methods shall be in accordance with the Civil Plans. 10.
- Planting for all plant material and staking for all trees shall be in accordance with the latest edition of FDOT Standard
- Due to the large quantities of landscape material on this project, multiple nurseries can be utilized to supply the materials 12. as long as they match in type, form and proposed delivery conditions.

PLANTING BED PREPARATION

- All planting areas shall be stripped of all existing vegetation unless otherwise noted on the plans.
- All planting areas shall then be treated with a pre-emergent herbicide to assure that weeds will be controlled prior to planting. Herbicide instructions shall be followed as to treatment dilution, mix, application, and time periods between applications as applicable to assure weeds are eliminated from the planting beds prior to commencing planting. Herbicide treatment shall be in accordance with guidelines provided by the FDOT for chemical control.
- All soil amendments shall be added to the planting areas and thoroughly incorporated into the soil prior to commencing final grading and installation.

UTILITY NOTES

- The location(s) of the utilities shown on the plans should be considered approximate only
- 2 The Contractor shall notify all utilities two (2) business days prior to demolition and/or excavation. Call "Sunshine State One Call System" 1-800-432-4770 (or Call 811) so that underground utilities may be field located.
- A Utility Representative shall be present if landscaping requires any excavation of greater than 36 inches depth within 15' of underground utilities.
- The Contractor shall coordinate with the utility companies during construction. No Utility is to be relocated. Planting shall be adjusted horizontally, at the direction of the owner's representative, to negate any Utility conflicts.

IRRIGATION NOTES

- Permanent irrigation shall be installed for all landscape shown on the plans. The contractor shall utilize Rain Bird components The irrigation coverage is to be comprised of spray heads and bubblers. Utilize spray pop-up, not on a riser, in median beds 5' and wider with head-to-head coverage. A lockable cabinet controller(s) shall be provided by the contractor and its location determined in conjunction with the owner's representative prior to installation. Water supply shall be by well(s) installed by the contractor. Location and number of wells shall be determined by the contractor. It is suggested to obtain power at the lighting service locations. All permitting is the responsibility of the contractor.
- The irrigation system shall be designed and installed as a design-build portion of the work performed by the contractor The system must be designed/zoned so that all irrigation can occur between the hours of 1:00 a.m. and 7:00 a.m.
- The contractor shall furnish the owner's representative with shop drawings and schematic design plans indicating full coverage of irrigated areas. The shop drawings must include proposed sleeving locations/sizes. All trees shall have 2 bubblers that are placed on bubbler-only zones that are separate from the other irrigation zones. Installation shall not commence until the shop drawings are approved by the owner's representative
- Permanent sleeves shall be installed by the contractor as necessary. The contractor is responsible for installation of all borings and casings, as needed. The contractor is responsible, at their expense, to repair any and all damage caused to any roadway or any/all other areas, or utilities as a result of the borings or any other irrigation work

- The installer shall be expected to make irrigation system field adjustments on the site as needed, in order to maintain complete and accurate irrigation coverage, and to maintain the intent of the design. The final locations for all major equipment (as applicable), including controllers, valves, wells, supply connections, mainlines, meters, etc. shall be determined in the field, staked out by the contractor using their drawings as a guide, and then approved by the owner's representative prior to installation
- Over flow onto structures and paved surfaces is not allowed to occur.
- All work shall be done in accordance with prevailing codes and regulations. It shall be the responsibility of the installer to verify and conform to the particular codes for this location. The installer shall obtain all necessary permits (including those for bores, and any water line taps, if necessary), utility locates, and inspections.
- All work shall be closely coordinated with that of other trades in order to avoid conflicts. The installation shall be coordinated with all new and existing improvements, and with the actual installed bed limits, and plant locations
- All material and labor necessary to provide a complete, fully operational, and guaranteed system shall be considered part of the work, whether or not they are specifically indicated in the submitted documents. This shall include conformance with the requirements and recommendations of the various manufacturers of the equipment, and with applicable training and certification of installation personnel.
- Metallic locator/warning tape shall be buried above all wiring and piping.
- 11 Valve hoxes shall be tamper-resistant type
- All irrigation shall be of the proper size and type for the location and plant material. All equipment shall be installed with adequate and uniform clearances from all paving, curbs, sidewalks, walls, and other obstacles, so that damage to equipment does not occur during normal landscape maintenance operations. All irrigation shall be adjusted to obtain optimal coverage of plant material.
- Controller(s) shall be hooked up by a licensed electrician.
- The controller(s) shall be equipped with a properly located and installed rain/freeze shutoff sensor device that complies with Florida law. The sensor(s) shall be located in such a manner so that they are unobstructed, and directly exposed to natural rainfall and sunlight from all directions, but not to runoff water from swales or other surfaces.
- The minimum supply requirements for the system shall be determined by the contractor and stated on the design-build 15 plans and shop drawings
- The installer shall be expected to be familiar with all requirements for the work, and to conduct the work in a clean, safe, and workmanlike manner. The owner reserves the right to act to protect their property and the other personnel at work there, and to make emergency repairs or take corrective action if the installer does not fulfill their obligations in a timely manner. The owner further reserves the right to back-charge the installer to cover such expenses, to the extent allowed under applicable law.
- 17. The installer shall coordinate with the owner's representative for provision of electric service requirements.
- If there are any existing irrigated areas to remain, on or off-site, that are adjacent to the new construction, they must remain undisturbed and fully functional. Any disruption by the contractor to the existing irrigation coverage must be corrected by the contractor at their expense
- 19. Contractor shall pay for and fix any disturbances made to existing landscape or construction when performing
- The landscape contractor shall supply the owner's representative with detailed and properly scaled irrigation as-built drawings in ACAD format (2016 version or later) within 30 days of project acceptance. The as-builts must include all system components and their sizes.
- Irrigation system is to be design build. Contractor to submit schematics to the City for review and approval. All landscape items are to receive irrigation including islands. The number of ECUA connection points is based on the contractor's design. Any power requirements for the timers are intended to coincide with the lighting system power service points.

PLANTING NOTES

- The landscape contractor shall be responsible for attending a pre-construction meeting during which installation specifications, installation requirements, schedules, and maintenance requirements will be discussed
- The landscape installation must be properly sequenced with other construction so that the landscape and irrigation is not damaged by other work/trades (and vice versa).
- The contractor shall verify the existence of and stake all utilities prior to construction. Excavation of plant pits located within 5' of utilities shall be performed by hand. Any utility/plant material conflicts shall be brought to the attention of the owner's representative prior to installation or any field adjustments.
- The contractor shall supply all plant materials in quantities sufficient to complete the plantings shown on all drawings. All plants shall meet size, container, and spacing specifications as shown in the plant schedule. The contractor shall guarantee plant health and survivability for one year from date of project acceptance by the owner's representative. Any material not meeting specifications or displaying poor health shall be replaced at contractor's expense within 2 weeks of
- All plant material shall be Florida No. 1 or better (unless otherwise noted) as set forth in "Grades and Standards for Nursery Plants" State of Florida, latest edition standards and designations. Notify the owner's representative a minimum of one week prior to plant delivery to schedule on-site inspection upon delivery. Installed plant material not meeting specifications shall be removed and replaced at contractor's expense. All plants must be brought to the site free of weeds. Additionally, the contractor shall provide the owner's representative with representative plant photos to approve for all plant materials prior to any plant delivery. Measuring sticks shall be shown in photos, as appropriate.
- All plant materials indicated with a gallon size shall be container grown and within a container appropriate for the plant size. Root bound plants shall not be accepted. No substitutions shall be permitted without prior approval of the owner's
- The owner's representative reserves the right to make planting bed field changes to accommodate site conditions and to achieve the design intent. The landscape contractor shall flag all tree and bedline locations for approval by the owner's representative prior to any installation.

- Bed preparation: Loosen soil to a minimum depth of four inches and remove all debris. Regrade the bed to its preplanting subgrade. Dig planting pits at 1.5 times the diameter of the pot. Fill plant pit with approved planting mix and compact so that the top of root ball will settle to the proper level relative to finish grade. Set plant and fill remainder of hole with planting mix. Fertilize each plant with the approved type and rate of fertilizer. Water in thoroughly. Reset any plants that settle too deep. Remove spoil soil and rake the bed to its finish grade. Cover all bed areas with the specified mulch depth. Remove all debris from the mulch. Water bed thoroughly. All pine straw shall be high grade from the 'improved slash' pine tree with a minimum needle length of eight inches.
- The landscape contractor shall conduct representative soil analysis prior to the installation of any plant material. The landscape contractor shall notify the owner's representative of any improper soil condition (nutritional deficiencies, wetness, muck, debris, etc.) and shall recommend for approval, prior to installation, all soil amendments that may be necessary to promote healthy, vigorous plant growth.
- The landscape contractor shall coordinate with all other trades (and plans), as necessary, in preparing planting areas, including final grade elevations.
- All plant material must be planted immediately upon delivery to the site and watered in (by hand if the irrigation system is not functioning properly). Any plant material not installed within 6 hours of delivery to the site must be stored in an approved, protected holding area and shall be watered as necessary to maintain plant health and quality
- The landscape contractor shall notify the owner's representative a minimum of 48 hours prior to completion to schedule a final walk through. A final walk through shall not be performed if previous punch lists are not completed.
- The landscape contractor shall be responsible for maintaining all plantings until final acceptance by the owner's 13. representative. This maintenance includes keeping beds free of debris, weeds, diseases, and infestations. The landscape contractor shall also be responsible for providing sufficient water to the plants during this time.
- The landscape contractor shall supply the owner's representative with as-built drawings in ACAD format (2016 version or later) within 30 days of project acceptance
- Refer to current FDOT Standard Specifications and Standard Plans, the Civil Plans, the General Notes, and the Specifications for additional requirements. Where conflicts exist, the more stringent standards and specifications shall
- The contractor shall add to the bid quantities for "sidewalk concrete placement" a six inch (6") strip of sod to be placed at the back side of the sidewalks in cases where grass occurs outside the right-of-way. For the portion of the project within the A street right-of-way; there is no sod item in the landscape plant list, this sod quantity cost shall be bid as an added item to be bid along with and included with the adjacent sidewalk in instances where this condition occurs. The sod cost item can be omitted in conditions where the sidewalk is constructed adjacent to buildings, payement, or other hard surfaces.

365-DAY ESTABLISHMENT PERIOD MAINTENANCE PLAN

The following operations shall be performed by the Contractor during the 365 Day Maintenance Period for all of the landscape and irrigation area installed per the plans. The Contractor shall assume responsibility for the proper maintenance, survival and condition of all landscape and irrigation items for a period of one year after the final acceptance of all installation work under the contract. At a minimum, maintenance shall occur weekly from April through October, and twice a month from November through March. The contractor shall include this 365-Day maintenance within their bid.

- Fertilizer: During the establishment period, based on plant growth monitoring and soil analysis.
- Weeding/Edging:

Weeding - All planting areas shall remain weed free during the establishment period. Manual removal of weeds is preferable to control by herbicide. Edging - Mechanically edge all planting beds that are adjacent to paving.

- - a. All personnel involved in the chemical program are to receive proper training and follow the operating guidelines provided by FDOT for chemical control. Contact the local County Agricultural Extension Service for additional information regarding herbicides, pesticides and required licenses.
 - b. Remove mechanically or by herbicide treatment all invasive exotic species found during the establishment period.
 - c. Provide plant material insect and disease control inspections continually during the establishment period and treat as
- Pruning: Prune all plants as necessary to maintain proper form, health and vigor during the establishment period.
- a. In all planting beds, pine straw mulch shall be maintained continually at a 3" settled depth.
- b. Replenish pine straw mulch (1.5 inches depth) one month before the end of the establishment period
- Irrigation: Maintain the irrigation system, and provide sufficient water to ensure plant material health during the
- Litter Pick-Up: During the establishment period, ensure litter pickup regularly.
- Staking: Contractor shall maintain all tree staking for the duration of the establishment period. Contractor shall remove all aboveground tree staking upon final acceptance at the end of the establishment period
- 1-Year Option: Based upon the Contractor's maintenance performance during the 365 Day Establishment Period, the CRA/City may exercise a 1-Year Option for continued maintenance services by the Contractor

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