

Quantity	Common Name	Scientific Name	Soil Moisture Range	Native	Spacing	Notes
TREES						
54	Southern live oak cathedral oak	<i>Quercus virginiana</i>	L, M	Yes	as shown	2" DBH, 12'
5	American Sweetgum	<i>Liquidambar styraciflua</i>	L, M	Yes	as shown	2" DBH, 12'
15	Bald Cypress	<i>Taxodium distichum</i>	L, M	Yes	as shown	2" DBH, 12'
28	DD Blanchard Magnolia	<i>Magnolia grandiflora</i>	L, M	Yes	as shown	2" DBH, 12'
14	Florida Flame Red Maple	<i>Acer rubrum 'Florida Flame'</i>	M, H	Yes	as shown	2" DBH, 12'
10	Long Leaf Pine	<i>Pinus palustris</i>	L, M	Yes	as shown	2" DBH, 12'
1	Sylvester Palm	<i>Phoenix sylvestris</i>	L	No	as shown	12' ct. minimum, hard trunk
5	Cabbage palm, sabal palm, cabbage palmetto	<i>Sabal palmetto</i>	L, M	Yes	as shown	16 regenerated head, slick trunk
25	Muscogee Grape myrtle	<i>Lagerstroemia indica 'Muscogee'</i>	L, M	No	as shown	2" DBH X 7', MT
5	Yaupon Holly	<i>Ilex vomitoria</i>	L, M	No	as shown	1.5" DBH X 7'
54	Eagleston Holly	<i>Ilex x attenuata 'Eagleston'</i>	L, M	Yes	as shown	1.5" DBH X 8'
SHRUBS						
5	Apricot Drift Rose	<i>Rosa 'Meimiro'</i>	M, H	No	3' oc	3G, 24"
86	Dwarf Firebush	<i>Hamelia patens</i>	M	Yes	3' oc	3G, 24"
21	Indian Hawthorn	<i>Rhaphiolepis indica</i>	L, M	No	3' oc	3G, 24"
58	Loropetalum Plum Dwarf	<i>Loropetalum chinense 'Plum Dwarf'</i>	L, M	No	3' oc	3G, 24"
70	Loropetalum Purple Pixie	<i>Loropetalum chinense 'Purple Pixie'</i>	L, M	No	3' oc	3G, 24"
219	Pineapple Guava	<i>Acca sellowiana</i>	L, M	No	3' oc	3G, 24"
x	Queen Emma Lily	<i>Crinum augustum</i>	M	No	as shown	7G
717	Walter's Viburnum	<i>Viburnum obovatum</i>	L, M	Yes	3' oc	3G, 24"
6	Saw Palmetto	<i>Serenoa repens</i>	L, M, H	Yes	3' oc	7G
19	Shillings Holly	<i>Ilex vomitoria 'Shillings Dwarf'</i>	L	Yes	3' oc	3G, 24"
68	Sandankwa Viburnum	<i>Viburnum suspensum</i>	M, H	No	3' oc	3G, 24"
26	Ocala Anise	<i>Illicium parviflorum</i>	L, M, H	Yes	3' oc	3G, 24"
48	Dwarf Walter's Viburnum	<i>Viburnum obovatum 'Densa'</i>	L, M	Yes	3' oc	3G, 24"
GRASSES						
8	Pink Muhly Grass	<i>Muhlenbergia capillaris</i>	L, M	Yes	as shown	7G
GROUND COVER						
661	Asiatic Jasmine Minima	<i>Trachelospermum asiaticum 'Minima'</i>	L, M	No	24" oc	1G
73	Liriope Evergreen Giant	<i>Liriope muscari 'Evergreen Giant'</i>	L	No	24" oc	1G
95	Purple Heart	<i>Setcreasea pallida</i>	L	No	24" oc	1G
SOD						
as required	Pro Vista	<i>Stenotaphrum secundatum</i>	L, M	No		sod

INSTALLATION AND MAINTENANCE NOTES

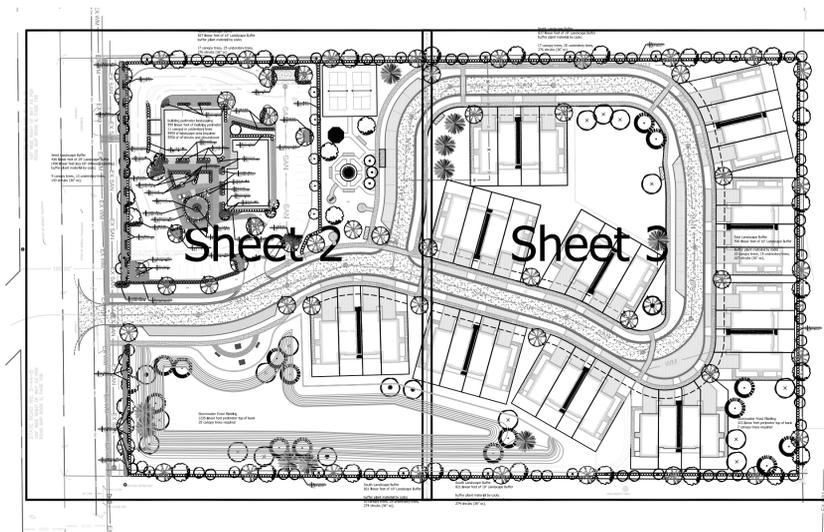
- The work consists of the complete plant material installation as shown on the drawings and as herein specified. This work shall include, but is not limited to, the supplying of all plant material specified, the furnishing of all labor, equipment, appliances and materials called for, and in performing all operations in connection with the landscape specifications as shown on this plan. Further, the work shall include the maintaining of all plants and planting areas until phase acceptance by the owner, and fulfilling of all guarantee provisions as herein specified.
- Adjustments to planter beds as shown on plans may be necessary due to walk locations, berming, relationship to roadways, etc. Plant material may need to be added or subtracted in the field. The contractor shall be responsible for the final plant count upon completion of the job. The final plant count will be submitted to the owner prior to final payment.
- The contractor shall fully acquaint themselves with the related site grading, water supply, electrical supply, and other utilities to preclude any misunderstanding and facilitate a trouble free installation.
- No substitution shall be made without written permission of the owner.
- In the event of a variation between the plant list and the number of plants shown on the plans, contact the Project Landscape Architect immediately.
- Plant materials will be inspected at the job site by the owner. When inspected work does not comply with the specified requirements, the contractor shall replace rejected work and continue specified maintenance until the work is reinspected and found acceptable and remove rejected plants and materials from the job site within 48 hours.
- All materials shall be installed in a neat and workmanlike manner. The owner or his landscape architect reserves the right to direct the removal and replacement of any items which, in his opinion, do not present an orderly and reasonably neat or workmanlike appearance, provided such items can be installed in an orderly way by the usual method of such work.
- All plant material shall be Florida No. 1 grade or better as defined in "Grades and Standards for Nursery Plants", Parts 1 and 2, as published by the Florida Department of Agriculture and Consumer Services, and shall conform to ANW standards for nursery stock (ansi 260, 1-1980).
- All planting beds shall be mulched with 3" of pine bark nuggets, 100% organic, of the highest grade.
- All trees 8' or larger shall be staked or guyed. Staking materials and methods shall be submitted to the Owner for approval prior to installation.
- Planting soil shall consist of the existing soil amended if required.
- Fertilizer shall be quick release, water soluble and shall conform to the applicable state of Florida fertilizer laws. The contractor shall submit to the owner or landscape architect a fertilization certification.

Irrigation Notes:

- THE DRAWINGS ARE TO BE CONSIDERED DIAGRAMMATIC, AS IT MAY NOT HAVE BEEN POSSIBLE TO ACCURATELY DEPICT THE EXACT LOCATIONS FOR ALL MATERIAL, OR ALL JOBSITE ELEMENTS. THE INSTALLER SHALL BE EXPECTED TO MAKE MINOR ADJUSTMENTS ON THE SITE AS NEEDED, IN ORDER TO MAINTAIN COMPLETE AND ACCURATE COVERAGE, AND MAINTAIN THE INTENT OF THE DESIGN. MODIFICATIONS WHICH INCREASE THE SPACING OF HEADS, OR DECREASE THE SIZING OF PIPE, SHALL NOT BE MADE WITHOUT PRIOR CONSENT OF THE PROJECT MANAGER. THE FINAL LOCATIONS FOR ALL MAJOR EQUIPMENT, INCLUDING CONTROLLERS, VALVES, SUPPLY CONNECTIONS, MAINLINES, ETC. SHALL BE DETERMINED IN THE FIELD, STAKED OUT BY THE CONTRACTOR, USING THE DRAWINGS AS A GUIDE, AND APPROVED PRIOR TO INSTALLATION.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH FLORIDA BUILDING CODE 2017 (6TH / EDITION)—PLUMBING, APPENDIX F AND PREVAILING CODES AND REGULATIONS. ALTHOUGH DUE DILIGENCE HAS BEEN EXERCISED IN THE PREPARATION OF THE DOCUMENTS TO AVOID CONFLICTS, IT SHALL REMAIN THE RESPONSIBILITY OF THE INSTALLER FOR VERIFICATION AND CONFORMANCE TO THE PARTICULAR CODES FOR THIS LOCATION. THE INSTALLER SHALL OBTAIN ANY NECESSARY PERMITS, 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 BEDDINGS, SOD LIMITS, AND PLANT LOCATIONS.
- THE INSTALLER SHALL BE FAMILIAR WITH ALL APPLICABLE SPECIFICATIONS, INCLUDING ANY WRITTEN SPECIFICATIONS THAT MAY HAVE BEEN ISSUED. ANY CONFLICT FOUND BETWEEN THE VARIOUS DOCUMENTS SHALL BE SUBMITTED IN WRITING TO THE PROJECT MANAGER FOR DETERMINATION.
- 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 DOCUMENTS. THIS SHALL INCLUDE CONFORMANCE TO THE REQUIREMENTS AND RECOMMENDATIONS OF THE VARIOUS MANUFACTURERS OF THE EQUIPMENT, AND TO APPLICABLE TRAINING AND CERTIFICATION OF INSTALLATION PERSONNEL.
- UNLESS SPECIFICALLY STATED TO THE CONTRARY, PIPING AND WIRING PASSING UNDER PAVED OR OTHER IMPERVIOUS SURFACES SHALL BE INSTALLED IN SLEEVING OF ADEQUATE SIZE AND STRENGTH. SIDEWALKS AND DECKS AND TURF PAVERS SHALL REQUIRE SLEEVING, EVEN IF NOT SHOWN ON THE DRAWINGS. CONTROL WIRING MAY BE RUN WITHIN A LARGER SLEEVE WITH MAINLINE PIPING, BUT ONLY IF PROTECTED BY A SMALLER CONDUIT. WIRE MAY NOT BE TAPED TO THE MAINLINE IN LIEU OF THIS CONDUIT, AS ABRASION OF THE WIRE JACKET IS LIKELY TO OCCUR.
- SLEEVES UNDER PARKING AND DRIVEWAYS MAY BE THE RESPONSIBILITY OF OTHER THAN THE IRRIGATION CONTRACTOR (SUCH AS THE PAVING OR SITE CIVIL CONTRACTOR). CONSULT OTHER DOCUMENTS FOR ADDITIONAL INFORMATION. ANY NEEDED SLEEVE WHICH EITHER CANNOT BE FOUND OR IS DAMAGED BEYOND PRACTICAL USE SHALL BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY, ALONG WITH RECOMMENDATIONS FOR CORRECTIVE ACTION. SLEEVES UNDER SIDEWALKS, DECKS, ETC. ARE NORMALLY INSTALLED BY THE IRRIGATION CONTRACTOR.
- CONTROL WIRING SHALL BE ROUTED WITH THE MAINLINE WHENEVER POSSIBLE. WIRE SHALL DIRECT BURIAL PE 14-GAUGE.
- ALL SPRINKLER HEADS SHALL BE OF THE PROPER SIZE AND TYPE FOR THE LOCATION AND PLANT MATERIAL. HEADS SHALL BE INSTALLED IN THE PRESCRIBED MANNER, PLUMB, AND WITH THE PROPER HEIGHT WITH RESPECT TO GRADE AND/OR PLANT MATERIAL. ALL HEADS AND OTHER 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 SPRINKLERS SHALL BE ADJUSTED TO OBTAIN OPTIMAL COVERAGE OF PLANT MATERIAL, WHILE MINIMIZING OVERSPRAY ONTO WINDOWS, WALLS, PAVING OR OTHER IMPERVIOUS SURFACES, PARTICULARLY WOODWORK AND/OR TRIM. THE INSTALLER SHALL UTILIZE THE PROPER SPRAY NOZZLE PATTERN FOR THE LOCATION, AS WELL AS PRESSURE-COMPENSATING HEADS OR SCREENS, AND ADJUSTABLE-PATTERN NOZZLES WHERE A FIXED PATTERN IS NOT SUITABLE TO CONTROL COVERAGE OR OVERSPRAY.
- RISER-MOUNTED HEADS SHALL BE INSTALLED WITHIN THE FIRST ROW OF PLANT MATERIAL, SO THAT THE HEAD IS PROTECTED AND CONCEALED BY THE MATERIAL. IT MAY BE REQUIRED TO RELOCATE HEADS NOT CONFORMING TO THIS STIPULATION AFTER PLANTS ARE INSTALLED. THIS SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER. RISERS SHALL BE STAKED AS SHOWN IN THE DETAILS, AND PAINTED A DURABLE FLAT COLOR, TO BE AGREED UPON BY THE PARTIES.
- TREE BUBBLER HEADS SHALL BE CONSIDERED TEMPORARY, AND WILL BE CAPPED OFF ONCE MATERIAL IS ESTABLISHED.
- THE CONTROLLER SHALL REQUIRE A STANDARD 120-VAC POWER FEED, WHICH SHALL BE COORDINATED BY THE INSTALLER, AND HOOKED UP BY A LICENSED ELECTRICIAN. IT IS PREFERRED THAT A DEDICATED CIRCUIT BE PROVIDED FOR THIS CONNECTION. A 3-WIRE POWER INPUT SURGE ARRESTOR SHALL BE PROVIDED ON THE POWER FEED, AND A DEDICATED GROUND ROD/PLATE NETWORK (SEE DETAIL) SHALL BE INSTALLED, HAVING A MEASURED EARTH GROUND RESISTANCE OF NOT GREATER THAN TEN (10) OHMS.
- THE CONTROL SYSTEM IS A RAIN BIRD SYSTEM. THE INSTALLER SHALL UTILIZE PERSONNEL WHO ARE SPECIFICALLY TRAINED AND CERTIFIED IN THE PROPER OPERATION OF THIS SYSTEM. THE INSTALLER SHALL ENLIST THE SERVICES OF THE FIELD SERVICE REPRESENTATIVE FOR ANY REQUIRED COORDINATION. ALL RELEVANT MATERIAL AND LABOR TO INSTALL THIS SYSTEM IN ACCORDANCE WITH RAIN BIRD GUIDELINES SHALL BE CONSIDERED PART OF THE WORK, WHETHER OR NOT SPECIFICALLY CALLED OUT IN THESE DOCUMENTS.
- THE CONTROLLER SHALL BE EQUIPPED WITH A PROPERLY LOCATED AND INSTALLED RAIN SENSOR. THE SENSOR SHALL BE LOCATED IN SUCH A MANNER SO THAT IT IS UNOBSTRUCTED AND DIRECTLY EXPOSED TO NATURAL RAINFALL FROM ALL DIRECTIONS, BUT NOT TO RUNOFF WATER FROM ROOFS, ETC.
- THE MINIMUM SUPPLY REQUIREMENT FOR THE SYSTEM AS DESIGNED IS 75-GPM AT 75-PSI.
- THE INSTALLER SHALL BE EXPECTED TO BE FAMILIAR WITH ALL REQUIREMENTS FOR THE WORK, AND TO CONDUCT HIS WORK IN A CLEAN, SAFE, AND WORKMANLIKE MANNER. THE OWNER RESERVES THE RIGHT TO ACT TO PROTECT HIS PROPERTY AND THE OTHER PERSONNEL AT WORK THERE, AND TO MAKE EMERGENCY REPAIRS OR TAKE CORRECTIVE ACTION IF THE INSTALLER DOES NOT FULFILL HIS 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.

Tree Symbol Legend:

- Existing Tree To Remain
- 1 Phoenix sylvestris
Sylvester Palm
- 1 Quercus virginiana
Live Oak
- 1 Magnolia grandiflora
DD Blanchard Magnolia
- 1 Acer rubrum
Florida Flame Red Maple
- 1 Liquidambar styraciflua
American Sweetgum
- 1 Taxodium distichum
Bald Cypress
- 1 Sabal palmetto
Sabal Palm
- 1 Ilex attenuata 'Eagleston'
Eagleston Holly
- 1 Lagerstroemia indica
Muscogee Grape Myrtle
- 1 Ilex vomitoria
Yaupon Holly

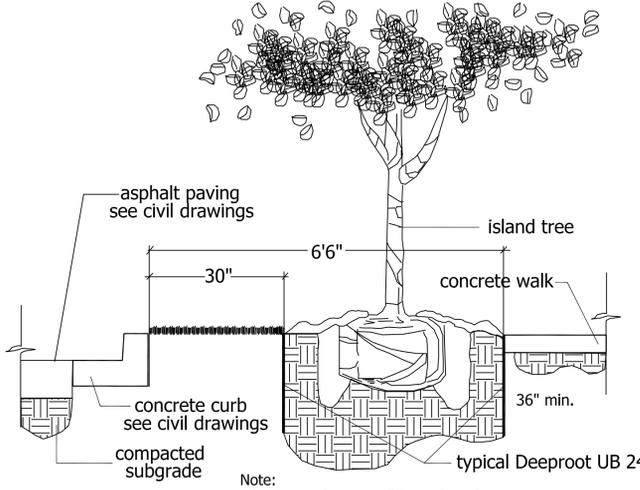
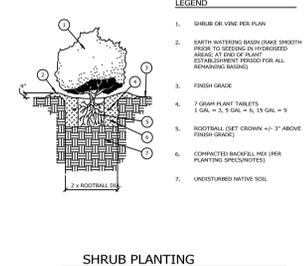
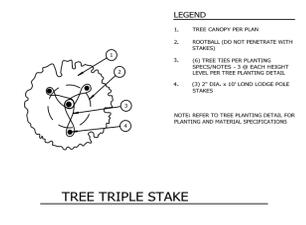
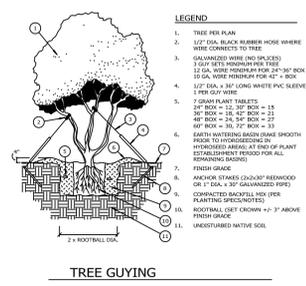
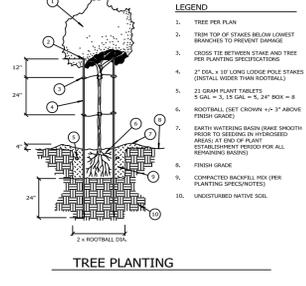


Drawing Key

scale 1"=100'

Digitally signed by Leslie R Huffstetler
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 Date: 2023.05.31 12:59:26 -0400'

Planting Details:

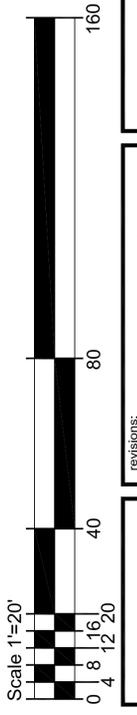


Note:
Island tree planting will be reviewed on an individual case basis. Utilities will be staked to determine the need for hand digging prior to installation.

Island Tree Planting With Root Barrier Detail not to scale

Landscape Notes:

- Required canopy trees shall have a single straight trunk to a minimum of four feet (4'), a minimum DBH of two inches (2"), and a minimum height of twelve feet (12') at the time of planting.
- Required understory trees may be single stemmed or multi-stemmed and shall have a minimum DBH of one and one-half inch (1 1/2") two inch (2") total DBH for multi-stemmed trees and a minimum height of eight feet (7') at the time of planting. The caliper of multi-trunk trees will be calculated using a total caliper of all trunks.
- Required shrubs and hedges shall have a minimum height of twenty-four inches (24") at the time of planting and shall reach an average height of thirty-six inches (36") within one (1) year of the time of planting. When a continuous hedge is required, the plants shall be planted at a maximum spacing of thirty-six inches (36") on center.
- Required plant material shall be graded Florida number 1 or better.
- All landscape trees to be from preferred tree list or approved alternatives.
- All landscape shrubs to be from preferred shrub list or approved alternatives.
- Installation of trees and shrubs shall comply with standard nursery practice.
- Landscape to meet all applicable Florida Friendly and City requirements.
- Required landscape buffers to utilize existing plant material where applicable. Existing trees not shown on this plan or credited in required buffers.
- All landscape planting in the WRAs will be above the designated high water elevation.
- Automatic irrigation system to cover 100% of landscape area.
- See engineering plans for details and dimensions.



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Landscape Plan

Huddle Homes
 Eustis, Florida

Scale: 1"=20'
 1/4" = 2'-0" sheet
 sheet: 1 of: 3



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