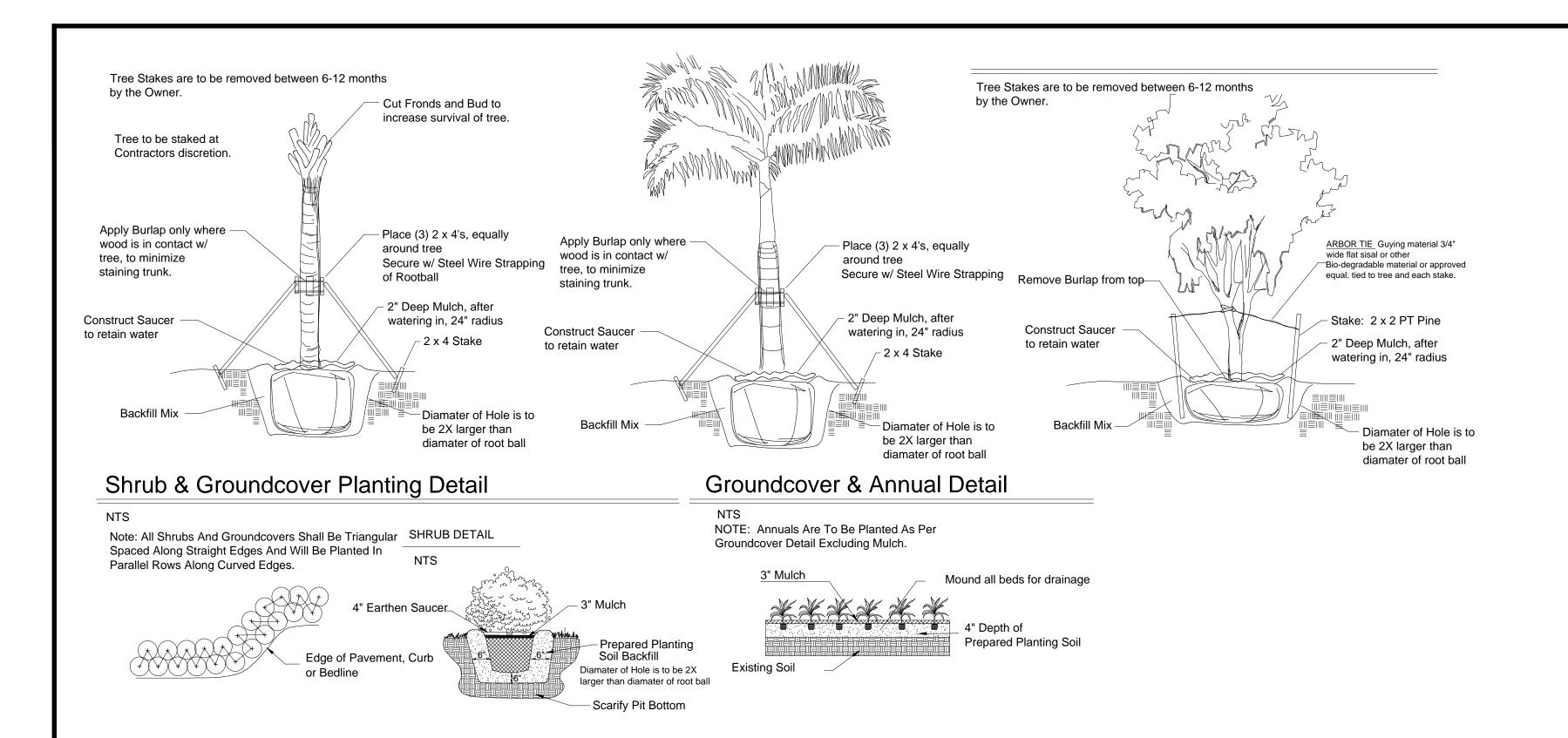


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1 of 2 sheets



PLANT SCHEDULE LP

CITY OF PORT ST. LUCIE UTILITY SYSTEMS DEPARTMENT LANDSCAPE POLICY

General Requirements This policy applies to landscaping in any Port St. Lucie Utility Systems Department (PSLUSD) utility easement or near a PSLUSD facility, either above or below ground.

All landscaping within (PSLUSD) utility easements shall comply with Chapter 154 of the City's Code of Ordinances and PSLUSD Utility Standards, Details and

No landscaping shall be planted in such a manner as to adversely affect utility installation, operation and maintenance.

All existing and proposed underground utility mains, appurtenances, and easements must be shown on the landscape plans

Berms and structural landscape features such as rock, foundations, sculpture, decorative walls and tree wells are generally not allowed in PSLUSD easements, but may be reviewed on a case by case basis.

All measurements are from outside to outside, not centerline to centerline. Example: outside of pipe to nearest point on tree trunk.

Trees shall not be planted within 10 feet of any PSLUSD mains or appurtenances, except as allowed hereunder.

No landscaping other than sod grasses may be planted within a 5' radius maintenance area of any PSLSUD appurtenance such as water meters, backflow devices, fire hydrants, sanitary sewer cleanouts, and manholes, air release valves, etc.

## Easement and Utility Area Landscaping.

In locations where the perimeter landscape buffers must be designed to be located in utility easements due to site constraints, the following list of trees, palm trees and shrubs may be used in these areas to meet the landscape buffer requirements. Listed trees and palm trees may be planted not less than 7 feet from the underground PSLUSD infrastructure. The remainder of the landscape strip shall be planted with grass, approved shrubs and ground cover.

Most groundcovers not considered a prohibited or invasive plant by the Florida Department of Agriculture as listed in Florida Statutes 581, section 5B-57.007 Noxious Weed List are approved.

Most vines not considered a prohibited or invasive plant by the Florida Department of Agriculture as listed in Florida Statutes 581, section 5B-57.007 Noxious

MINIMUM OVERALL LANDSCAPE REQUIREMENTS ZONING CATEGORY LMD- LIMITED MIXED USE 103,290 SF / 2.37 ACRES TOTAL SITE AREA TOTAL GROUND FLOOR BUILDING AREA 20.422 SF **OVERALL LANDSCAPE** NET SITE AREA - plot area or portion thereof, not utilized for 20 % MINIMUM 26,153 SF 27,924 SF structures and parking. (PERVIOUS) PERIMETER LANDSCAPE BUFFERS TREE PER 30 LF 6 TREES PROVIDED (SEE LP1) SHRUBS CONTINUOUS 24" HEDGE NORTH: 422 LF 1 TREE PER 30 LF 14 TREES 14 TREES + EX. CONTINUOUS 24" HEDGE PROVIDED (SEE LP1) 1 TREE PER 30 LF PROVIDED (SEE LP1) SHRUBS CONTINUOUS 24" HEDGE SOUTH: 423 LF 14 TREES 1 TREE PER 30 LF 14 TREES PROVIDED (SEE LP1) SHRUBS CONTINUOUS 24" HEDGE PARKING LANDSCAPE 1 TREE PER ISLAND (incl terminus) TREES (75% min shade trees) VUA LANDSCAPE INCLUDED IN SITE PERIMETER LANDSCAPE REQUIREMENTS 1 TREE PER 30 LF AND CONTINUOUS LANDSCAPE AREA **BUILDING FACADE** 1 TREE PER 30 LF 24 TREES 1 SHRUB PER 2 LF 364 SHRUBS 364 SHRUBS SHRUBS TREES & 39 PALMS (INCL EX TOTAL NUMBER OF TREES & PROPOSED) WATER EFFICIENCY & DIVERSIFICATION & NATIVE SPECIES (incl existing & proposed) DROUGHT TOLERANT TREES 110 trees & palms DROUGHT TOLERANT SHRUBS & GROUNDCOVERS 50% of reqd. trees to be native 43 TREES 90 TREES & PALMS NATIVE TREES / PALMS FLOWERING TREES 25% Max (building facade exempt from 22 PALMS MAX. <22 PALMS

Minimum number of species

DIVERSIFICATION

LANDSCAPE NOTES:

FDOT Type D or F curb shall be provided along the perimeter of all landscaped, open space, drainage and grassed areas adjacent to paved vehicular use areas, except where wheel stops

Safe sight triangles shall be maintained clear of vegetation to provide unobstructed visibility between 30" and 8' above crown of road.

Light poles, fire hydrants, electrical/mechanical equipment, signs, drainage structures, etc. shall not interfere with landscaping in terminal islands, parking islands, medians, buffers or other landscaped areas.

Landscape shall not be placed around structures in a manner so as to impede accessibility for fire rescue operations..

All new landscape areas shall be provided with 100 % automatic irrigation coverage. A Functioning rain sensor/shut-off device shall be required on all irrigation systems.

Mulch all plant beds as specified in details using hardwood, non-cypress to 3" depth. The soil utilized within the parking island areas MUST be a minimum of 36" in depth of natural

soil NOT consisting of road rock, imported fill or other miscellaneous debris...

FOR ALL TREE PLANTINGS : Synthetic burlap ball covering materials shall be completely remover.

Wire baskets shall be cut off to a depth of 1/2 (half) the depth f the root ball. Burlap coverings shall be removed to a depth of 1/3 (third) of the root ball.

Any tree support materials shall be removed from each tree once it is established.

All Canopy trees shall be planted no closer than 10' to any underground utilities UNLESS a

Finished grades of landscape areas. Finished grade of landscape areas shall be at or below the grade of adjacent VUA or public sidewalks, except for mounding or other surface aesthetics. Grade shall be designed to receive roof and surface runoff and to assist irrigation of plantings and then any overflow routed as necessary underground. Mounding or other surface aesthetics shall not inhibit or defeat intended rainwater capture, retention or percolation from a VUA.

Root barriers. A root barrier system shall be installed in situations where a tree or palm is planted within ten (10) feet of a sidewalk or parking area, unless other special provisions have been designed to accommodate tree

Root Barrier to be installed shall be a min 36" depth Install as per Manufacture specs: Root Solutions (800)554-0914

Biobarrier (800)257-6687 Or Equal

If any proposed Trees/Palms are adjacent to exiting overhead utility lines, then principles of FPL "Plant the Right Tree in the Right Place" shall be adhered to. Alteration of proposed material shall be reviewed by Project LA for approval & notification to City.

TREES	QTY	BOTANICAL / COMMON NAME	SIZE	CALIPER	СТ	DROUGHT TOLERANCE	NATIVE	SPECIFICATION
AR	6	Acer rubrum / Red Maple	12` ht x 5` spr	2.5\" dbh	4.5` ct	High	Native	B and B
IA	17	llex x attenuata `East Palatka` / East Palatka Holly	12` ht x 5` spr	2.5" dbh	4.5` ct	High	Native	SNGL TRUNK, TALL NARROW FORM
LI2	7	Lagerstroemia x `Muskogee` / Lavender Crape Myrtle	12` ht x 5` spr	mulit	4.5` ct	High	Non Native	MULTI TRUNK TREE FORM SPECIMEN
LL	4	Ligustrum lucidum / Glossy Privet	10` OA HT	mulit	4.5` ct	High	Non Native	MULTI TRUNK TREE FORM SPECIMEN
MG	4	Magnolia grandiflora `Little Gem` / Dwarf Southern Magnolia	12` ht x 5` spr	2.5" dbh	4.5` ct	High	Native	B&B, FULL
MF2	8	Myrcianthes fragrans / Simpson`s Stopper	12` ht x 5` spr	2∖" dbh	4.5` ct	High	Native	B&B, FULL
MYR	7	Myrica cerifera / Wax Myrtle	12` ht x 5` spr	2.5" dbh	4.5` ct	High	Native	Full
PA	6	Parkinsonia aculeata / Jerusalem thorn	12` ht x 5` spr	2.5" dbh	4.5` ct	High	Non Native	Full Canopy
PE-EX	6	Pinus elliotti `Densa` / Existing Slash Pine	EXISTING			High	Native	EXISTING TO REMAIN
QV	13	Quercus virginiana / Southern Live Oak	12` ht x 5` spr	2.5\" dbh	4.5` ct	High	Native	Full
QV-EX	2	Quercus virginiana / Existing Southern Live Oak	EXISTING			High	Native	EXISTING TO REMAIN
PALMS	QTY	BOTANICAL / COMMON NAME	SIZE	CALIPER	СТ	DROUGHT TOLERANCE	NATIVE	SPECIFICATION
PE	9	Ptychosperma elegans / Alexander Palm	16` oa ht		10` ct	High	Non Native	Single Trunk
SP	15	Sabal palmetto / Cabbage Palmetto	10`-14` GW		8` ct	High	Native	Full
SP-EX	5	Sabal palmetto / Cabbage Palmetto	EXISTING			High	Native	EXISTING TO REMAIN
SP-R	10	Sabal palmetto / Relocated Cabbage Palmetto	Existing			High	Native	RELOCATED
SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE	CONT	SPACING	DROUGHT TOLERANCE	NATIVE	SPEC.
CLU	183	Clusia guttifera / Small Leaf Clusia	24\" min @ install	3 gal min.	24\" MIN.	High	Non Native	Full to base
JAT	8	Jatropha integerrima / Spicy Jatropha	5` oa ht	7 Gallon	AS SHOWN	High	Non Native	Standard
MF	356	Myrcianthes fragrans / Simpson`s Stopper	24" min @ install	3 gal min.	24\" oc	High	Native	Full to base
PHO	2	Phoenix roebelenii / Pigmy Date Palm Multi-Trunk	4` ht @ install	25 Gallon	AS SHOWN	High	Non Native	TRIPLE
POD	72	Podocarpus macrophyllus maki / Podocarpus	24\" min @ install	3 gal min.	tip to tip	Medium	Non Native	Full to base
PSY	47	Psychotria nervosa / Wild Coffee	24\" min @ install	3 gal min.	24\" MIN.	High	Native	Full to base
VIB	211	Viburnum obovatum / Walter`s Viburnum	24" min @ install	3 gal min.	tip to tip	High	Native	Full to base
VIBD	54	Viburnum obovatum `Dwarf Walter`s` / Dwarf Walter`s Viburnum	24\" x 18\"	3 gal min.	18\" oc	High	Native	Full
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SHRUB AREAS	QTY	BOTANICAL / COMMON NAME	SIZE	CONT	SPACING	DROUGHT TOLERANCE	NATIVE	SPEC.
HAM	104	Hamelia patens / Fire Bush	24" X 24"	3 gal. min.	24\"	High	Native	Full to base
MUH2	244	Muhlenbergia capillaris / Pink Muhly	20\" x 20\"	3 gal. min.	24\"	High	Native	Fully rooted
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GROUND COVERS	QTY	BOTANICAL / COMMON NAME	SIZE	CONT	SPACING	DROUGHT TOLERANCE	NATIVE	SPEC.
DIA	105	Dianella tasmanica `Variegata` / Flax Lily	18" ht	3 gallon	18\" oc	High	Non Native	Full
ILE	210	llex vomitoria `Schillings Dwarf` / Dwarf Schillings Holly	12" ht	3 gallon	18\" oc	High	Native	Full
JUN	90	Juniperus `parsoni` / Parson`s Juniper	15\"x15\"	3 gallon	18\" oc	High	Non Native	Fully rooted
LIR	54	Liriope muscari `Emerald Goddess` / Liriope	15\"x15\"	3 gallon	18\" oc	High	Non Native	Fully rooted
NEP	160	Nephrolepis exaltata / Boston Fern	12" ht	3 gallon	18\" oc	High	Native	Fully rooted
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IRRIGATION NOTE: (Water source - tbd ) An automatic properly functioning underground irrigation system with a rain sensing cutoff device shall be in compliance with the South Florida Building Code and city Building Code requirements. The rain sensing cutoff device shall be located and installed in such a manner that the building eaves, balconies and similar overhangs do not interfere with the operation of the device. The irrigation system shall be rust free & properly maintained in good working order and provide a minimum coverage of 100% with 100% overlap.

SOD - TBD St. Augustine floritam

3" non-cypress mulch applieds to all plant material - existing & proposed beds

Adequate irrigation of all newly proposed landscaped areas shall be provided for the first full growing season and continue thereafter only as necessary to maintain required vegetation in good and healthy condition. Irrigation systems shall conform to following standards: a. Irrigation systems shall be continuously maintained in working order and shall be designed so not to overlap water zones or to water impervious areas. b. No irrigation system shall be installed or maintained abutting any public street which causes water from the system to spurt onto the Contractor Shall be familiar w/ the Landscape code and shall comply with all of its applicable requirements.

Contractor shall verify all quantities indicated at time of bid. Contractor shall provide unit prices at time of bid.

>5 SPECIES

PROVIDED

6 TREES

All contractors working on the project shall be licensed and fully insured

ALL INVASIVE EXOTICS SHALL BE REMOVED AND ERADICATED FROM THE SITE.

REVISION PRELIM STAFF REVIEW COMMENTS



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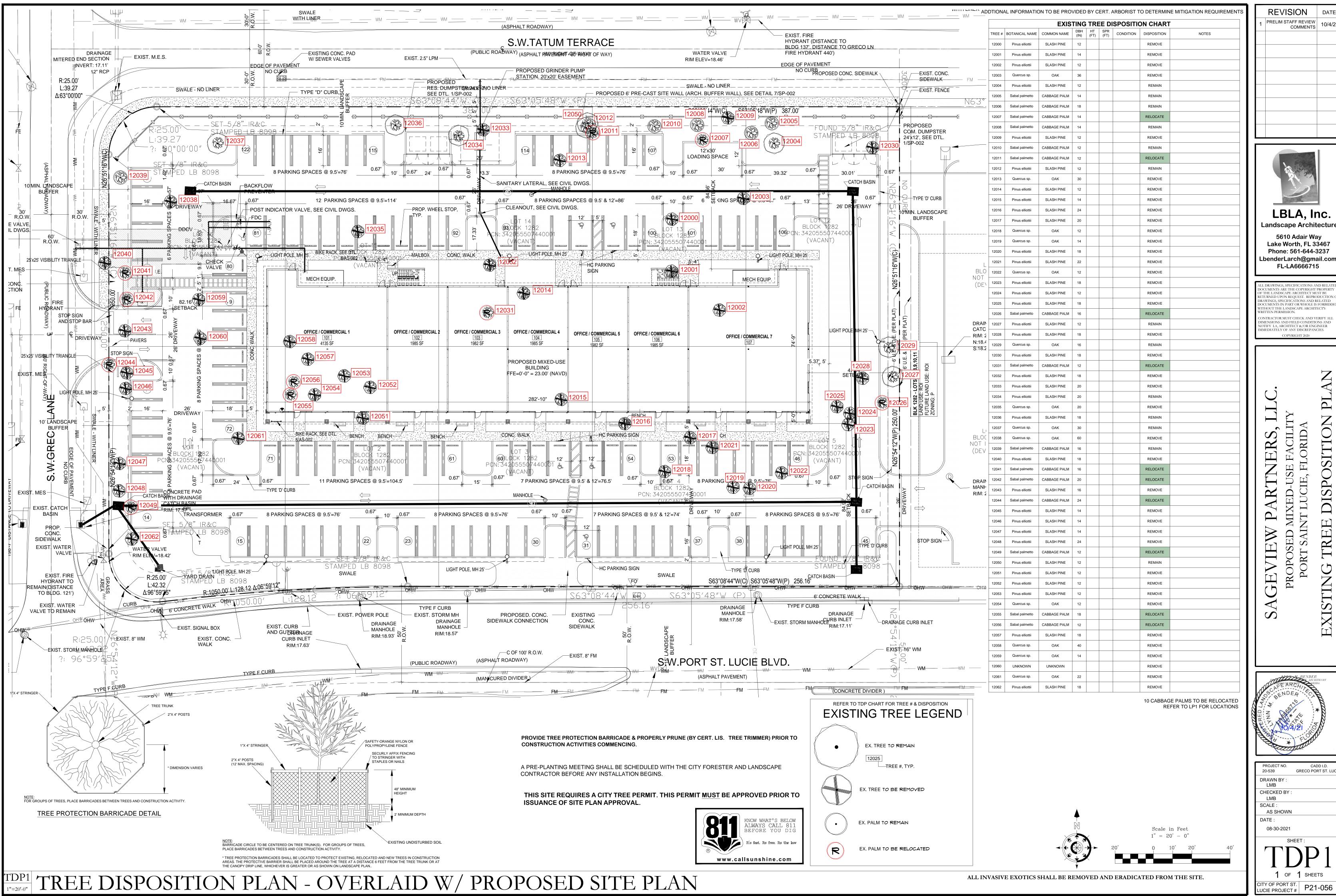


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GRECO PORT ST. LUCI

roadway or to strike passing vehicular traffic.



**REVISION** PRELIM STAFF REVIEW COMMENTS



Landscape Architecture

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