

TABERNACLE OF PRAISE

TRADITION, PORT SAINT LUCIE, FL.

PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	N*	WW*	SIZE/SPECIFICATIONS
TREES						
DH	11	Ilex cassine	Dahoon Holly	X	X	12' Ht., 2 1/2" DBH., 65 Gal.
LA	15	Quercus laurifolia	Laurel Oak	X	X	14' Ht., 4" DBH., B&B
LO	20	Quercus virginiana	Live Oak	X	X	12' Ht., 2 1/2" DBH., 65 Gal.
MA	4	Magnolia grandiflora	Magnolia 'Little Gem'	X	X	12' Ht., 2 1/2" DBH., 65 Gal.
PT	17	Simarouba glauca	Paradise Tree	X	X	12' Ht., 2 1/2" DBH., 65 Gal.
TA	8	Tabebuia pallida	Pink Tabebuia	X	X	12' Ht., 2 1/2" DBH., 65 Gal.
TL	8	Ligustrum japonicum	Tree Ligustrum	X	X	8' Ht., 1 1/2" DBH., 30 Gal.
YH	8	Ilex vomitoria	Yaupon Holly	X	X	14' Ht., 4" DBH., B&B

PALMS						
FP	10	Wodyetia bifurcata	Foxtail Palm			8' Ht. Grey Wood, Matched
RP	17	Roystonia regia	Royal Palm	X		10' Ht., Grey Wood, Matched
SP	15	Sabal palmetto	Sabal Palm	X	X	10'-14' Ht., Smooth Trunk

SHRUBS						
BH	120	Bougainvillea 'Helen Johnson'	Dwarf Majenta Bougain.	X		3 Gal., 18" Ht.
CO	363	Chrysobalanus icaco	Cocoplum 'Red Tip'	X	X	3 Gal., 24" Ht.
CL	167	Clusia guttifera 'Dwarf'	Dwarf Clusia	X	X	3 Gal., 24" Ht.
FA	137	Tripsacum dactyloides	Dwarf Fakahatchee Grass	X	X	7 Gal., 32" Ht.
FB	432	Hamelia pantens 'Dwarf'	Firebush, Dwarf	X	X	3 Gal., 24" Ht.
IN	160	Ixora 'Nora Grant'	Nora Grant Ixora	X	X	3 Gal., 24" Ht.
MY	200	Rapanea punctata	Myrsine	X	X	3 Gal., 24" Ht.
TH	3	Hibiscus spp.	Tree Hibiscus 'Anderson Crape'	X		25 Gal., 8' Ht. OA
WV	66	Viburnum obovatum	Walter's Viburnum	X	X	3 Gal., 24" Ht.

GROUNDCOVERS						
AZ	312	Ophiopogon intermedium	Aztec Grass			1 Gal. Full
JU	475	Juniperus horizontalis wiltonii	Blue Rug Juniper	X		1 Gal.
LA	180	Lantana montevidensis	Trailing Lantana, Purple			1 Gal. Full
LM	828	Liriope Muscari 'Emerald Goddess'	Liriope Emerald Goddess			1 Gal.
PJ	569	Juniperus squamata expansa	Parson's Juniper	X		1 Gal.

LAWN GRASS						
SA	per plan	Stenotaphrum secundatum	St. Augustine 'Floritam'			Solid sod

NOTE: * N = Florida Native; WW = Water Wise Drought tolerant

PLANTING SPECIFICATIONS

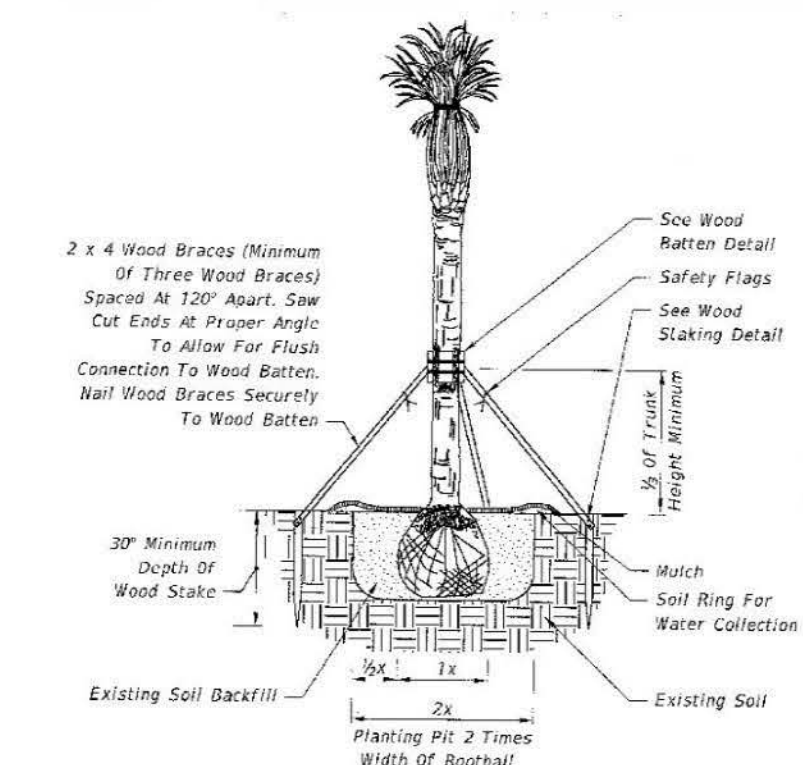
- All plant materials shall be Florida Number 1 as provided in the most current edition of the "Grades and Standards for Nursery Plants, Parts I & II" prepared by the state Department of Agriculture and Consumer Services.
- All trees, shrubs and groundcovers shall be of the sizes as specified in the Plant List.
- Quantities listed on the Plant List are for estimating purposes. Contractor shall verify all quantities. Mulch, Topsoil, Fertilizer, etc. shall be included in the unit cost of the plants.
- Where there is a discrepancy either in quantities, plant names, sizes or specifications between the plan or Plant List, the plan takes precedence.
- All planting beds and water basins for trees shall be covered with a 3" minimum depth of shredded cypress, eucalyptus or Floramulch grade "B" or better. Refer to the Plant List for the specified mulch type. Alternative mulch material is required to be approved by Landscape Architect.
- The Planting Plan shall be installed in compliance with all existing codes and applicable deed restrictions.
- PLANTING SOIL:** All trees and shrubs shall be planted with a minimum of 12" topsoil around and beneath the rootball. Minimum topsoil shall be 6" for groundcover areas.
- Planting soil to be a weed-free mixture of 50% sand and 50% much or other organic planting material suitable to the Landscape Architect.
- Contractor is responsible for determining all utility locations and installing facilities so as to not conflict. All damage to existing utilities or improvements caused by Contractor shall be repaired at no additional cost to the Owner.
- Contractor shall be responsible for providing final grading of all associated planting areas.
- After final grade, area to be raked to 6" depth and all rock and foreign inorganic materials removed and disposed of properly off site.
- All planting holes to be hand dug except where machine dug holde will not adversely affect or damage utilities or improvements (see note 7).
- No plunging of any tree or palm will be accepted. All plants to be planted at the nursery grade or slightly higher.
- Contractor shall stake and guy all trees and palms at time of planting as per the appropriate detail. Contractor is responsible for the maintenance and/or repair of all staking and guying during the Warranty Period and removal and disposal of staking after the establishment period.
- Fertilizer is required for plantings and shall be NPK 16-4-8 at 12.5 lbs/1000 s.f. or 345 lbs/acre. Nitrogen 50% slow release form and fertilizer to include secondary/minor micronutrients.
- SUBSTITUTIONS AND CHANGES:** All substitutions and changes shall be approved in writing prior to installation. Any discrepancies between plans, site and specifications shall be brought to the immediate attention of the Landscape Architect, the Owner and governing municipality.
- WATERING:** All plant material shall be watered in at time of planting in accordance with standard nursery practices. In addition, Contractor will continue watering of plant material until substantial completion and as needed and thereafter for a period of 2-months.
- All new plant material shall be guaranteed for 1-year from time of final acceptance of the project. Any plant material not in a healthy growing condition will be replaced by the Contractor at no additional cost to the Owner within 10-days of notification. For all replacement plant material, the warranty period shall be extended an additional 45-days beyond the original warranty period. All trees that lean or are blown over, caused by winds less than 75-MPH, will be re-set and braced by the contractor at no additional cost to the Owner.
- The successful bidder shall furnish to the Owner a unit price breakdown for all materials. The Owner may, at its discretion, add or delete from the materials utilizing the unit price breakdown submitted.
- No plant material will be accepted showing evidence of cable, chain marks, equipment scars, or otherwise damaged.
- Plant material will not be accepted when the ball of earth surrounding its roots has been cracked broken or otherwise damaged.
- Root prune all field grown trees a minimum of 8-weeks prior to planting.

SPECIAL PLANTING TREES & SHRUBS

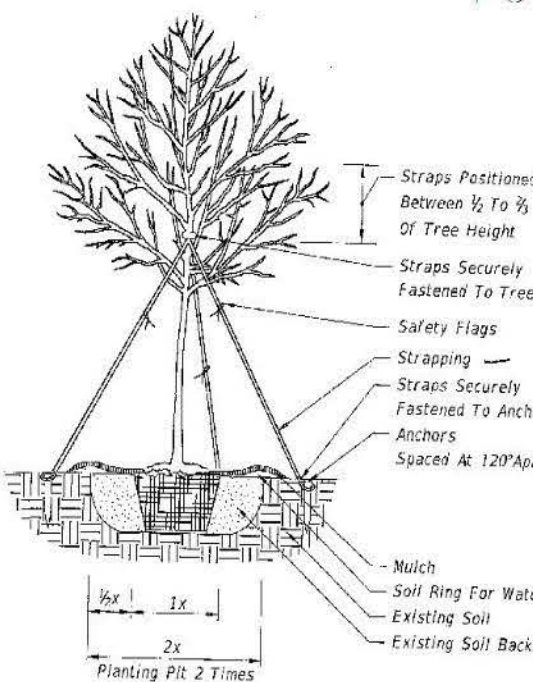
Planting trees and shrubs: Excavate hole per planting detail. When plant is set, place additional backfill consisting of a 50% mixture off Peat humus and natural soil around the base and side of ball, and work each layer to settle backfill and eliminate voids and air pockets. When excavation is approximately 2/3 full, water thoroughly before placing remaining backfill. Water again after placing final layer of backfill and before installing mulch. NOTE: Contractor is to include drainage testing for all trees and palms in bid. If drainage is inadequate, the soil specification noted above shall be revised for site conditions. Contractor shall notify the Owner and Landscape Architect of poor drainage conditions in writing and written direction will be provided to the contractor of appropriate soil mixture specifications to be used.

PORT ST. LUCIE PLANTING AREA REQUIREMENTS

- ADJACENT R/W & PROPERTIES**
Quantity Requirements:
10' Landscape strip, One tree per 30 Lin. Ft., Shrubs 2' O.C. AREA:
East Side: 483' Required: 16 Trees, 207 Shrubs
Provided: 21 Trees, 229 Shrubs
South Side: 430' Required: 15 Trees, 215 Shrubs
Provided: 16 Trees, 248 Shrubs
West Side: 550' Required: 18 Trees, 275 Shrubs
Provided: 20 Trees, 217 Shrubs + 265 Groundcovers
- BUILDING FACADE**
Quantity Requirements:
5' Landscape strip, One tree per 30 Lin. Ft., Shrubs 2' O.C.
Perimeter: 539 Lin. Ft. less 14' openings = 525 Lin. Ft.
Plant Requirements: 18 Trees, 263 Shrubs
Plants Provided: 21 Trees, 1,375 Shrubs + Groundcovers
- VEHICULAR USE AREAS (VUA)**
Quantity Requirements:
10' Landscape strip at perimeter, One tree per 30 Lin. Ft., Shrubs 2' O.C.
Perimeter: 1,025 Total Lin. Ft.
Plant Requirements: 34 Trees, 513 Shrubs
Plants Provided: 50 Trees, 1,889 Shrubs + Groundcover



1" - 3 1/2" CALIPER TREE PLANTING



4" & LARGER CALIPER TREE PLANTING

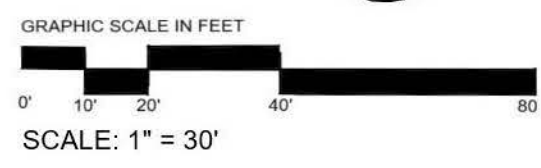
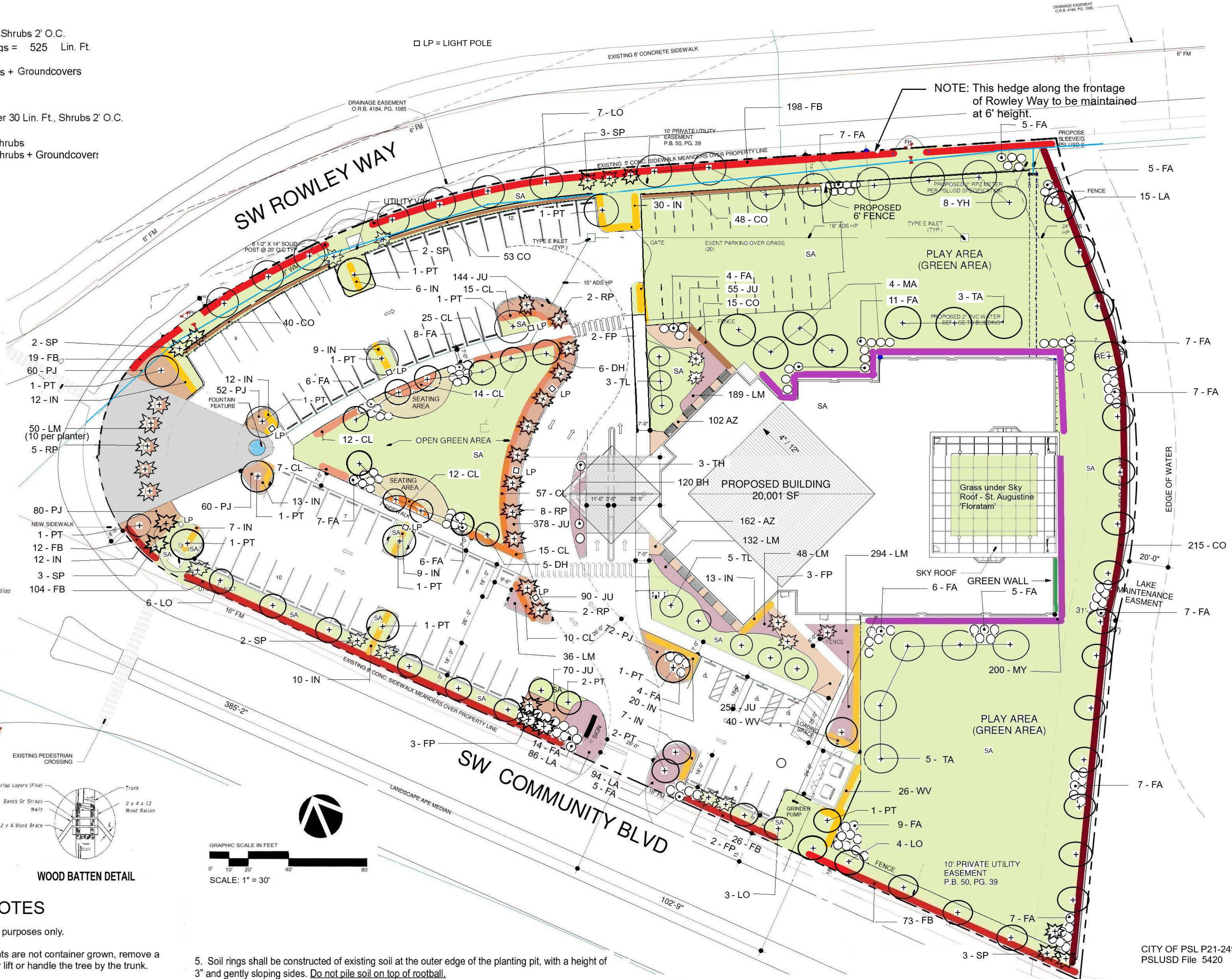
WOOD BATTEN DETAIL

GENERAL PLANTING NOTES

- All dimensions 6" and less are exaggerated for illustrative purposes only.
- Plant containers shall be removed prior to planting. If plants are not container grown, remove a minimum of the top 1/3 of burlap, fabric, or wire mesh. Never lift or handle the tree by the trunk.
- The uppermost root on all trees shall be covered by no more than 1" of soil. Use hand tools to carefully remove all excess soil. The top of root ball shall be set 1" - 2" above finish grade and set plumb to the horizon. If planting pit is too deep, remove the tree and firmly pack additional soil in the bottom of the planting pit to raise the rootball. After positioning the tree in the planting pit slice through rootballs with 3 or 4 vertical slices (top to bottom) equally distributed around the tree.
- Backfill shall be loosened existing soil. Remove rocks, sticks, or other deleterious material greater than 1" in any direction prior to backfilling. Water and tamp to remove air pockets. If existing soils contain excessive sand, clay, or other material not conducive to proper plant growth, contact Landscape Architect prior to planting.

PSLUSD Landscape Policy Statement

- No landscaping shall be planted in a manner that would adversely affect utility easements. Landscaping shall be in compliance with Chapter 153 of the City of Port St. Lucie Code of Ordinances, PSLUSD technical specifications and policies.
- All landscaping within City utility easements shall comply with PSLUSD technical specifications, policies, and codes.
- All landscaping shall meet the latest PSLUSD Landscape Policy and shall not be placed in a manner that would create conflicts with the intended operation and maintenance of any existing utility.
- Trees shall not be planted within ten (10) feet of any PSLUSD underground infrastructure.
- No landscaping other than sod grasses shall be located within 5' of a PSLUSD appurtenance such as a water meter assembly, backflow device, fire hydrant or sewer cleanout, etc.



PREPARED BY:



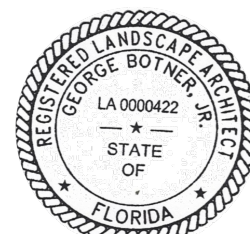
GEORGE BOTNER, P.A., AICP
LANDSCAPE ARCHITECTURE & PLANNING
4320 S E Cove Lake Circle, Suite # 104
Stuart, FL 34997
(954) 798-7158 (Cell)

FL REG. # 0000422

botnberg@aol.com
(772) 221-9558

CITY OF PSL P21-249
PSLUSD File 5420

DocuSigned by:



4/24/2023

DocuSigned by:

George Botner

8EAB0685402B41A...