

VALENCIA WALK
RECREATION SITE
LANDSCAPE PLANS

LOCATION MAP



Symbols and Abbreviations Legend

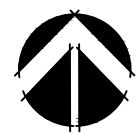
L.B.E.	LANDSCAPE BUFFER EASEMENT	HT	HEIGHT
CAL	CALIPER	L.M.E.	LAKE MAINTENANCE EASEMENT
CL	CENTERLINE	L.M.A.E.	LAKE MAINTENANCE ACCESS EASEMENT
C.T.	CLEAR TRUNK	O.A.	OVERALL
D.E.	DRAINAGE EASEMENT	O.C.	ON CENTER
EOP	EDGE OF PAVEMENT	O.E.	OVERHANG EASEMENT
FFE	FINISH FLOOR ELEVATION	O.S.	OPEN SPACE
FH	FIRE HYDRANT	R/W	RIGHT OF WAY
GAL	GALLON	STD	STANDARD
G.E.	GRADING EASEMENT	U.E.	UTILITY EASEMENT
GW	GREY WOOD	WD	WOOD

STM	STORM SEWER LINE WITH MANHOLE	FH	FIRE HYDRANT
STM	STORM SEWER LINE WITH CATCH BASIN		
SAN	SANITARY SEWER LINE WITH MANHOLE	1	LOT NUMBER
W	WATER MAIN	XX	PLANT SPECIES
FM	FORCE MAIN	##	PLANT QUANTITY
REC.W	RECLAIMED WATER MAIN		
	SIGHTLINE		

WATER SVC. TO LOT WITH METER	
W.M.	
SANITARY SVC. TO LOT WITH CLEANOUT	
C.O.	

ATTENTION LANDSCAPE CONTRACTOR:
Trees planted in locations other than those shown may interfere with underground pipe; before changing locations verify underground and provide root-barrier as specified on details sheet or eliminate tree as deemed necessary. Conflicts requiring deviation from plans must be brought to the attention of the landscape architect of record.

KEY MAP



N.T.S.

SCHEDULE OF CONTENTS

SHEET #	SHEET TITLE
L.1	COVER SHEET
L.1a	SPECIFICATIONS AND DETAILS
L.RS.1 - L.RS.2	RECREATION SITE LANDSCAPE

RIVERLAND ASSOCIATES II, LLLP
1600 SAWGRASS CORPORATE PKWY
SUITE 400
SUNRISE, FLORIDA 33323

1600 Sawgrass Corporate
Parkway, Suite 400
Sunrise, FL 33323
(P) - 954.753.1730
FL Cert. of Authorization
No.27459

Project:
VALENCIA WALK
Port St Lucie, FL

Sheet title:
COVER

Date:
2022.09.07

Designed/Drawn by:
JLK

Revisions:

Sheet number:

L.1

Seal:

Landscape Architect:
Jason L Keese
RLA #6667398

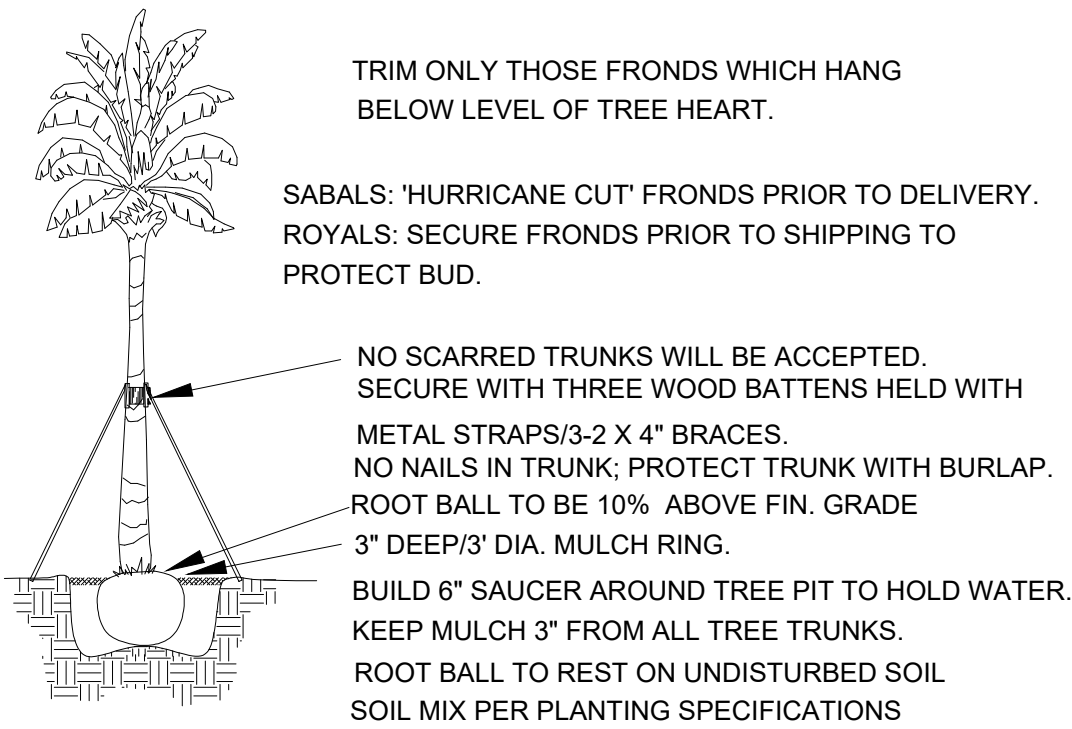
City of PSL Project No. P22-228
PSLUSD File No. 5267E-1

Plant Specifications

1. All plant material shall be Florida #1 or better, as set forth by the current edition of the Florida Department of Agriculture Grades and Standards for Nursery Plants.
2. All plantings shall be done in accordance with municipal codes and use sound horticultural practices, as provided by the International Society of Arboriculture (ISA). All plants shall be installed so that the top of the root ball remains even with the soil grade. All trees and palms are to be hoed in with water at the time of installation to eliminate any air pockets. Trees and palms shall be properly braced and /or staked at the time of planting as per detail. Stakes and braces are to remain for a minimum of 12 months. The Contractor is responsible for the maintenance and removal of stakes and braces after a 12-month period. When applicable, existing trees to be saved should be barricaded prior to the construction as per detail. Protected areas shall remain clear of construction debris, vehicles, storage of materials and chemicals, etc., and barricades are to remain until final job acceptance. The Contractor is responsible for the maintenance and removal of the barricades.
3. The project's Landscape Contractor shall contact the Owner to schedule a Pre-Construction Meeting prior to the landscape installation. Landscape and Irrigation permits are required prior to the issuance of any commercial (i.e., non-residential) building permits. For residential projects, landscape and irrigation permits must be issued prior to the commencement of any landscaping installation and the work must be approved through a Final Landscape Field Inspection, prior to the issuance of a Final Certificate of Occupancy (CO) for the entire project. Tree Relocation/Removal permits, if necessary, are required prior to the issuance of any building permits.
4. Planting soil shall be clean and free of construction debris, weeds rocks and noxious pests and diseases and exhibit a pH of 6.5 to 7.0. Topsoil for planting areas shall be amended with horticulturally acceptable organic material and suitable for the intended plant material. Source of planting soil shall be known to the applicant and acceptable to city.
- Shrubs shall receive 6" of planting soil around the root ball.
 - Trees shall receive 12" of planting soil around the root ball.
 - Sodded areas shall receive 2" of planting soil beneath the sod.
 - All and palms are to be backfilled with sand.
5. All trees and palms in sodded areas shall have a minimum of 36" diameter ring, covered with a 3" layer of mulch over the surface of the root ball and pulled back as to avoid touching the crown of the trunk. Cover the entire hedge and shrub beds with a 3" layer of mulch. Avoid piling around the trunk areas. Mulch shall be Grade A, weed-free, *Eucalyptus* or *Melaleuca*. All trees shall have a ring of mulch at the perimeter of root ball.
6. All landscape material shall maintain clearance around all fire hydrants, check valves, backflow preventors, Fire Department Equipment, etc., of at least 7' in the front and on the sides and 4' in the rear.
7. Site preparation shall include the eradication and removal of any exotic nuisance vegetation, weeds, grass; and the clean-up of any dead material, debris and rubbish.
8. All synthetic burlap, synthetic string /cords or wire baskets shall be removed before any trees are planted. All synthetic tape (*i.e. tagging tape, nursery tape*) shall be removed from the trunks, branches, etc. before inspection. The top 1/3 of any natural burlap shall be removed or tucked into the planting hole, before the trees are backfilled.
9. All ground cover requires 75% coverage at the time of planting and 100% within 3 months of installation.
10. Substitutions of plant material shall be permitted only after written approval of the Landscape Architect and/or the Owner.
11. All plant material shall be guaranteed for a period of 12 months after final inspection and the Owner's acceptance.
12. All landscaped areas will be provided with 100% irrigation coverage, 50% overlap, from a fully automatic irrigation system with a rain sensor shut-off. Adjust the system to avoid overspray onto structures or paving. Preserved ecological communities shall not be irrigated. All watering procedures shall conform to restrictions and regulations of the South Florida Water Management District and local watering restrictions. Xeriscape Landscape principles shall be applied to all sites as specified in the South Florida Water Management District's *Xeriscape Plant Guide II*, updated as required. All PVC irrigation risers shall be painted flat black.

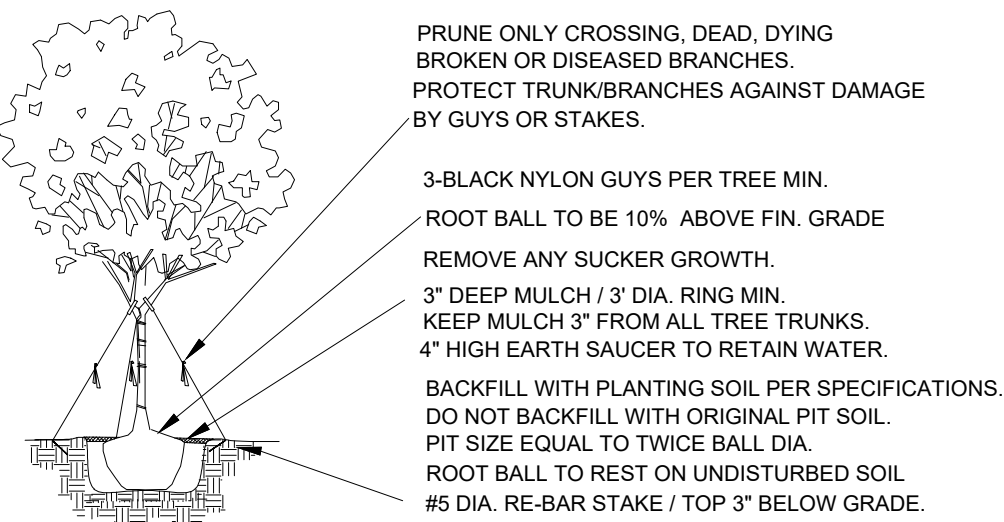
13. The Landscape Contractor shall be aware of the location of all easements and utilities above and below the ground and shall call for utility locates forty-eight (48) hours before any digging operations begin. All plant pits located in the easements shall be hand dug. The Landscape Contractor shall repair all the damage to the underground utilities caused by digging, at no cost to the Owner.
14. The Landscape Contractor shall verify estimated quantities of the material shown on the drawing prior to submitting his bid. The approved Planting Plan shall take precedence over the Plant List.
15. All plant material symbols shown on the Landscape Plan shall be considered diagrammatic and should be adjusted in the field by the Contractor to avoid all utilities and any other obstructions.
16. All areas disturbed during the construction shall be sodded with *St. Augustine "Floratum"*, unless otherwise noted, i.e., sodded, paved.
17. All sizes shown for the plant material on the plan are to be considered minimum. All plant material must meet or exceed these minimum requirements for both height and spread. Any other requirements for specific shape or effect as noted on the plan shall also be required for acceptance. All the trees shall be single-trunk, unless otherwise noted on the plans. All Royal Palms must be *Florida Fancy*.
18. The scope of work includes all plants, materials, equipment and labor necessary to fulfill these plans and specifications. All costs associated with staking, guying, barricades, fertilizations, excavations, top-soil layer, mulch, water saucer, watering, pruning, removal of excess excavation material and work-site clean-up, are to be included in the price. Unless otherwise indicated, any other requirements necessary for complete acceptance of the job shall be considered incidental to the work involved. Pruning of all trees shall meet standards set forth by the *National Arborist Association, Inc.*
19. Trees and shrubs shall be fertilized with a general purpose fertilizer with a 1:1:1 ratio of Nitrogen, Phosphorous, and Potassium Fertilizer. Application rates are to be according to manufacturer recommendations for installation of newly-established plant material. Palms shall be fertilized with a palm special fertilizer that is 100% Organic, a 2:1:1 ratio, containing Nitrogen, Phosphorous, and Potassium as major elements and containing minor elements, including Iron, Manganese, Magnesium, and Zinc. Application shall be according to the manufacturer specifications for newly-established plant material. Areas to be sodded shall be fertilized with a 100% Organic General Purpose Fertilizer at a ratio of 1:1:1, containing Nitrogen, Phosphorous, and Potassium analysis with Iron, Magnesium and Manganese as minor elements. Applications shall be at the rate of 1 pound of actual Nitrogen per one thousand square feet and shall be fully incorporated into the top two inches of soil. There will be no fertilization during the winter months of December, January, and February. In any case, all plantings shall be fertilized at time of installation with min. 25% organic 6-6-6 with trace elements or better fertilizer.
20. The Landscape Contractor shall be responsible for the maintenance of the landscaped area until the final job has been issued. The Contractor shall provide supplemental watering to the irrigation system (as needed) to keep the plant root masses and planting soil uniformly moist to maintain a healthy growing condition until final job acceptance. The plant beds shall be free of debris and mowed. Sod shall be maintained between 3" and 5".
21. Final acceptance of this planting plan will not be given until:
- A final walk-through by the Landscape Architect is performed (*for commercial properties only*).
 - Completion of all punch list items.
 - Submission of a written guarantee has been obtained and reviewed.
22. Required: The eradication of nuisance vegetation (exotics) existing on site is required on all sites, including abutting rights-of-way, prior to the issuance of a certificate of occupancy. Privately owned natural areas shall be included in this requirement. Ficus benjamina and Ficus nilida may be used for hedge material with a five-foot separation from water lines. Ficus hedges may not be planted in utility easements.
23. Any existing landscaping, including but not limited to trees, palms, shrubs, groundcover, sod, irrigation, grading, curbing destroyed during construction shall be replaced prior to final inspection.

Installation Details



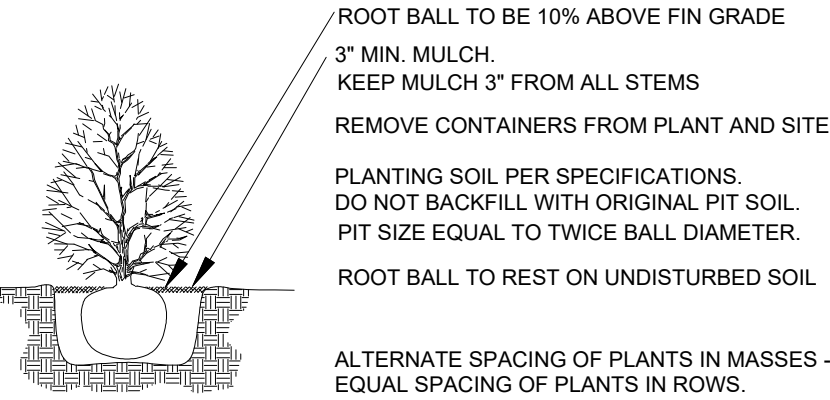
Palm Tree Planting Detail

N.T.S.



Tree Planting Detail

N.T.S.



Shrub / Groundcover Planting Detail

N.T.S.

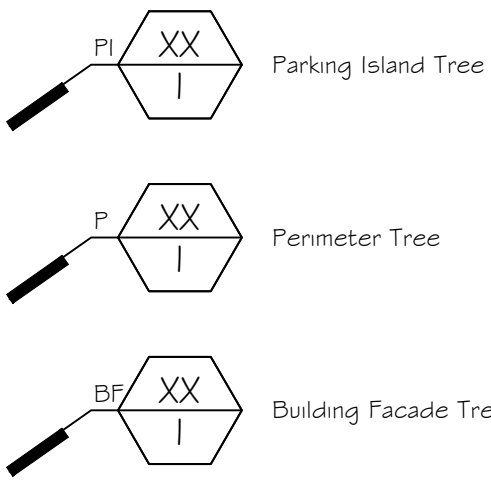
PSLUSD Notes

1. No landscaping shall be planted in a manner that would adversely affect utility easements. Landscaping shall be in compliance with Chapter 154 of the City of Port St. Lucie Code of Ordinances, PSLUSD technical specifications and policies.
2. All landscaping within City utility easements shall comply with PSLUSD technical specifications and policies.
3. All landscaping shall meet the latest PSLUSD Landscape Policy and shall not be placed in a manner that would create conflicts with the intended operations and maintenance of any existing utility.
4. Trees shall not be planted within ten (10) feet of any PSLUSD underground infrastructure.
5. No landscaping other than sod grasses shall be located within 5' of a PSLUSD appurtenance such as water meters, backflow devices, fire hydrant or sewer cleanout, etc.

CODE REQUIREMENT TABLE

SITE PERIMETER LANDSCAPE REQUIREMENT		REQUIRED	PROVIDED
Sec. 154.03(C)1.c	1 tree per 30 LF	1835 LF / 30 = 62	64
	1 shrub per 2 LF	1835 LF / 2 = 918	1690
PARKING LOT LANDSCAPE REQUIREMENT			
Sec. 154.03(C)3.a	1 tree per 30 LF	1205 LF / 30 = 41	50
	1 shrub per 2 LF	1205 LF / 2 = 603	603
Sec. 154.03(C)3.d.1	1 tree per parking island	45	45
Sec. 154.04(C)7	75% shade trees in parking island	34	43
BUILDING FACADE LANDSCAPE REQUIREMENT			
Sec. 154.03(C)2	1 tree per 30 LF of visible building perimeter	1025 LF / 30 = 35	40
	1 shrub per 2 LF of visible building perimeter	1025 LF / 2 = 513	1096
GENERAL LANDSCAPE REQUIREMENTS			
Sec. 154.04(C)5	50% of required trees shall be native	51	173
Sec. 154.04(C)6	20% of required trees shall be flowering	21	21
Sec. 154.04(C)8	Minimum required mix of tree species	5	9
Sec. 154.04(D)	25% of required shrubs shall be native	287	999
Sec. 154.04(E)	10% of groundcovers shall be flowering	10%	10%

NOTE: Perimeter buffer and Parking Lot buffer requirements overlap within 20 feet, per Sec. 154.03(D).



City of PSL Project No. P22-228
PSLUSD File No. 5267E-1

Landscape Architect:
Jason L. Keese
RLA #6667398

RIVERLAND ASSOCIATES II, LLLP
1600 SAWGRASS CORPORATE PKWY
SUITE 400
SUNRISE, FLORIDA 33323

1600 Sawgrass Corporate
Parkway, Suite 400
Sunrise, FL 33323
(P) - 954.753.1730
FL Cert. of Authorization
No.27459

Project:
VALENCIA WALK
Port St Lucie, FL

Sheet title:
SPECIFICATIONS
AND DETAILS

Date:
2022.09.07

Designed/Drawn by:
JLK

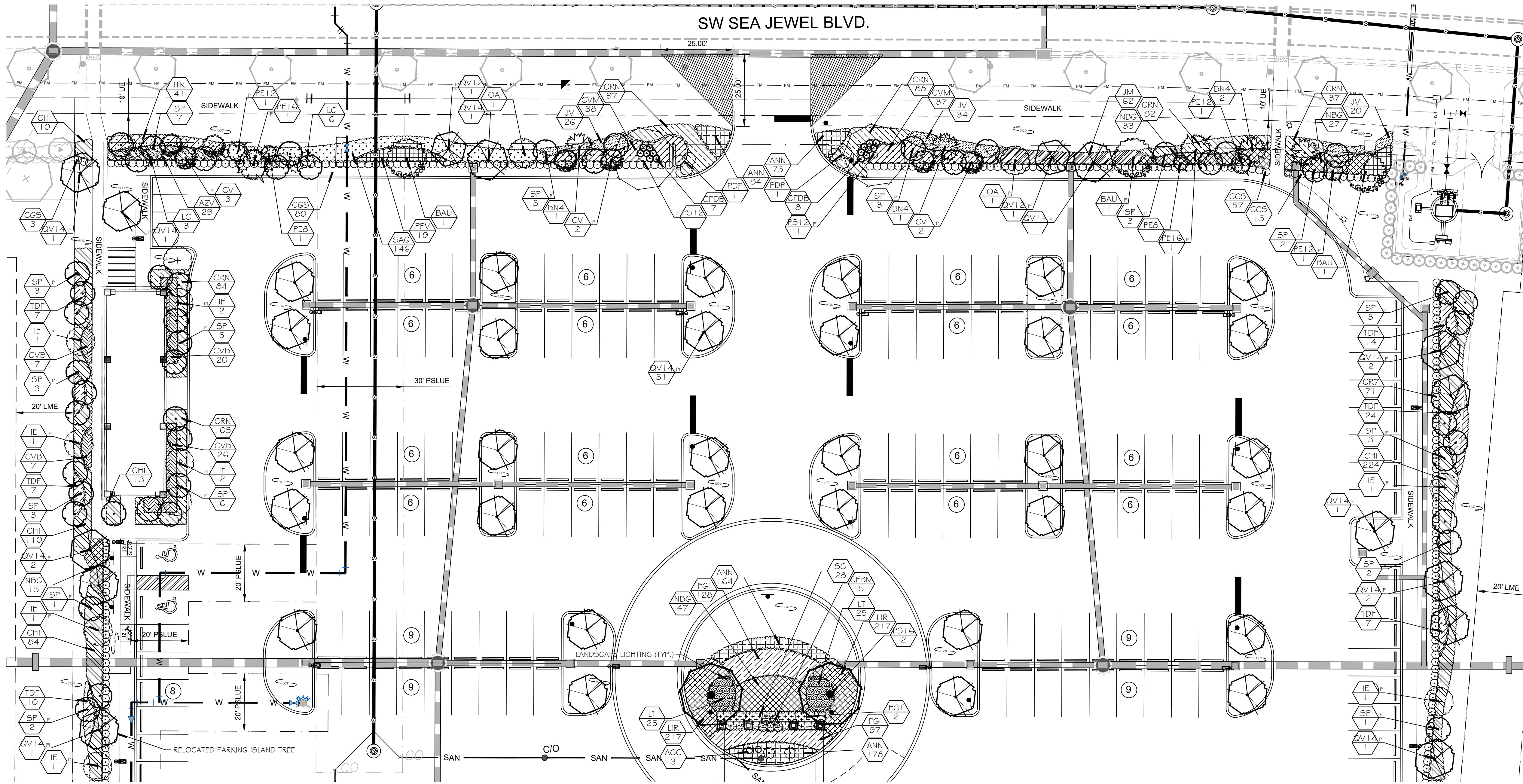
Revisions:

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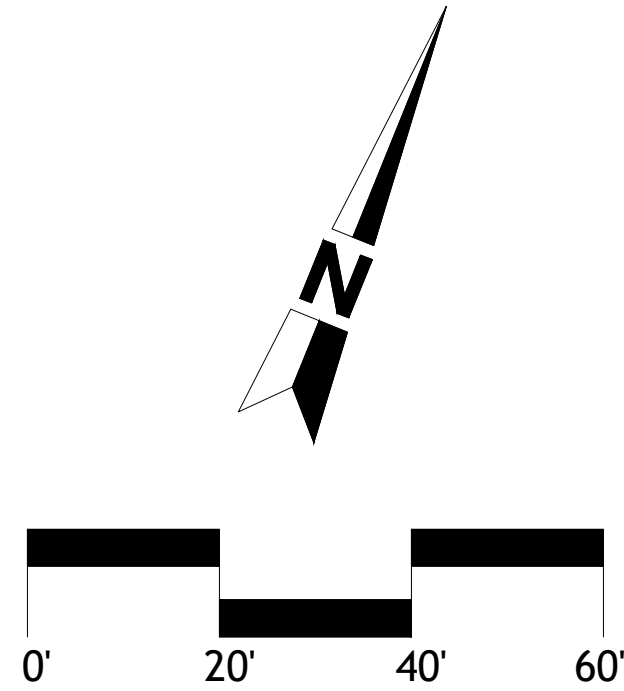
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PLANT SCHEDULE

TREES	BOTANICAL / COMMON NAME	CONT	DAL	SIZE	QTY	SUBS	BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3	QTY
BN1	BANANA X SLAVENIA / HONG KONG ORCHID TREE	5' CT			6	AG	KECKIA BLANCHETIANA 'RASPBERRY' / RASPBERRY BROMELAD	15 GAL			17
CV	CALLISTEMON VIMINALIS / WEEPING BOTTLE BRUSH	2'CTAL		12' HT X 6' SPR	13	AGC	AGAVE AMERICANA / CENTURY PLANT	-	48" DA		7
HST	HIBISCUS ROSA-SINENSIS / CHINESE HIBISCUS	-		6' HT	11	AO	ALCANTAREA OORATA / SILVER BROMELAD	15 GAL	30" HT		24
IE	ILEX X ATTENUATA 'EAGLESTON' / EAGLESTON HOLLY	2'CTAL		12' HT X 6' SPR	18	CHR	CHRYSOBALANUS ICADO / COCO PLUM	7 GAL	24" HT X 24" SPR		125
LS	LAGERSTROEMIA SPECIOSA / QUEEN'S CRANE MYRTLE MULTI-TRUNK	-		10' HT X 6' SPR	2	CG15	CLUSIA OUTIFERA / SMALL-LEAF CLUSIA	15 GAL	48" DA		192
OA	OLEA EUROPAEA 'ARBOREUM' / ARBOREUM OLIVE	100 GAL	3'CTAL	12' HT	9	CGS	CLUSIA OUTIFERA / SMALL-LEAF CLUSIA	7 GAL	24" HT X 24" SPR		354
PE8	PIRUS ELLIOTTI 'DENSA' / SLASH PINE	30 GAL	1.75'CTAL	8' HT X 6' SPR	3	CR7	CLUSIA ROSA / PITCH APPLE	7 GAL	24" HT		192
PE12	PIRUS ELLIOTTI 'DENSA' / SLASH PINE	65GAL, 2.5'CTAL		12' HT X 6' SPR	5	CFBM	CORYLYNE FRUTICOSA 'BLACK MAGIC' / BLACK MAGIC TI PLANT	7 GAL	48" DA		5
PE16	PIRUS ELLIOTTI 'DENSA' / SLASH PINE	65GAL, 3'CTAL		16' HT X 6' SPR	2	CFDB	CORYLYNE FRUTICOSA 'DR. BROWN' / DR. BROWN TI PLANT	3 GAL	18" HT X 18" SPR		15
QV14	QUERCUS VIRGINIANA / SOUTHERN LIVE OAK	4'CT		14' HT X 7" SPR	62	FFA	FURCRAEA FOETIDA / FALSE AGAVE	15 GAL	36" OVERALL		8
QV12	QUERCUS VIRGINIANA / SOUTHERN LIVE OAK	65GAL, 3'CTAL		12' HT X 6' SPR	6	SUBS AREAS	BOTANICAL / COMMON NAME	CONT	FIELD2	FIELD3	SPACING
	6' CT, 3" CALIPER MEASURED AT 6" ABOVE GRADE					AGV	ALPINA TERREMET 'VAREGATA' / VAREGATED SHELL GINGER	3 GAL	18" HT X 18" SPR		30" o.c.
							FULL				
						CHI	CHRYSOBALANUS ICADO 'RED TIP' / RED TIP COCOPLUM	3 GAL	24" HT X 24" SPR	NATIVE	24" o.c.
						CRN	CLUSIA ROSA 'NANA' / DWARF PITCH APPLE	3 GAL	15" HT X 15" SPR		1,013
						CRV	CODONUM VAREGATUM 'BRANDY' / BRANDY CROTON	3 GAL	20" HT X 20" SPR		136
						CW	CODONUM VAREGATUM 'NANNY' / NANNY CROTON	3 GAL	20" HT X 20" SPR		75
						FGI	FOCUS MICROCARPA 'GREEN ISLAND' / GREEN ISLAND FOCUS	3 GAL	18" HT X 18" SPR		225
						IKR	IKORA TAWANENSIS 'RED' / DWARF RED IKORA	3 GAL	15" HT X 15" SPR		216
						JM	JASMINUM MULTIFLORUM / DOWNY JASMINE	3 GAL	15" HT X 15" SPR		82
						JV	JASMINUM VOLUBILE / WAX JASMINE	3 GAL	15" HT X 15" SPR		60
						LT	LIGULARIA RENIFORMIS / TRACTOR SEAT	3 GAL	18" HT X 18" SPR		50
						LR	LIROPE MUSCARI 'BIG BLUE' / LILYTURF	1 GAL	12" HT X 12" SPR		1,563
						LV	LIROPE MUSCARI 'VAREGATA' / VAREGATED LILYTURF	1 GAL	12" HT X 12" SPR		1,063
						WC2	MULLENBERGIA CAPILLARIS / PINK MAHLY GRASS	3 GAL	12" HT X 12" SPR		32
						NBG	NEPHROLEPS BISERRATA / GIANT SWOOSER	3 GAL	18" HT X 18" SPR	NATIVE	305
						PPV	PENNISTETUM PURPUREUM 'VERTIGO' / VERTIGO FOUNTAIN GRASS	3 GAL	24" HT X 24" SPR		70
						SG	SCHETFLERA ARBORICOLA 'GOLD CAPELLA' / GOLD CAPELLA SCHETFLERA	7 GAL	30" HT X 30" SPR		28
						SAG	SCHETFLERA ARBORICOLA 'GOLD CAPELLA' / GOLD CAPELLA ARBORICOLA	3 GAL	20" HT X 20" SPR		146
						TDF	TRIPSACUM DACTYLOIDES / FAKAHATCHEE GRASS	3 GAL	24" HT X 24" SPR		108
						GROUND COVERS	BOTANICAL / COMMON NAME	CONT	FIELD2	FIELD3	SPACING
						ANN	ANNUALS / COLOR PRICES TO BE APPROVED BY LA OR CLIENT	4'CT	12" HT		12" o.c.
						TSS	TIGER STRIPE STONE / TIGER STRIPE STONE	NONE			1,481 SF



Landscape Architect:
Jason L Keese
RLA #6667398

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