



**SCHMIDT  
NICHOLS**  
LANDSCAPE ARCHITECTURE  
AND URBAN PLANNING

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# Blue Heron Commercial

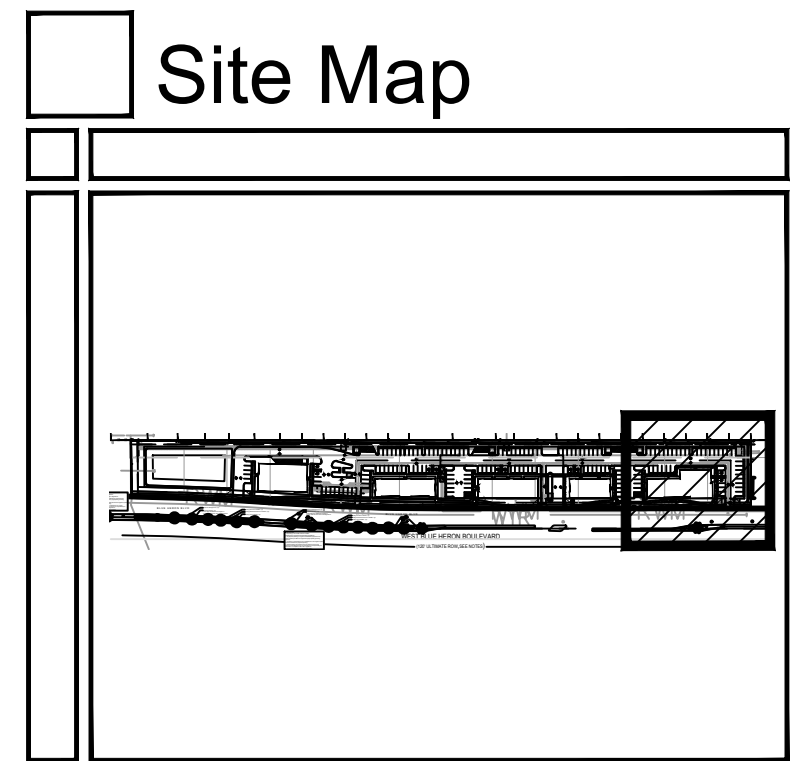
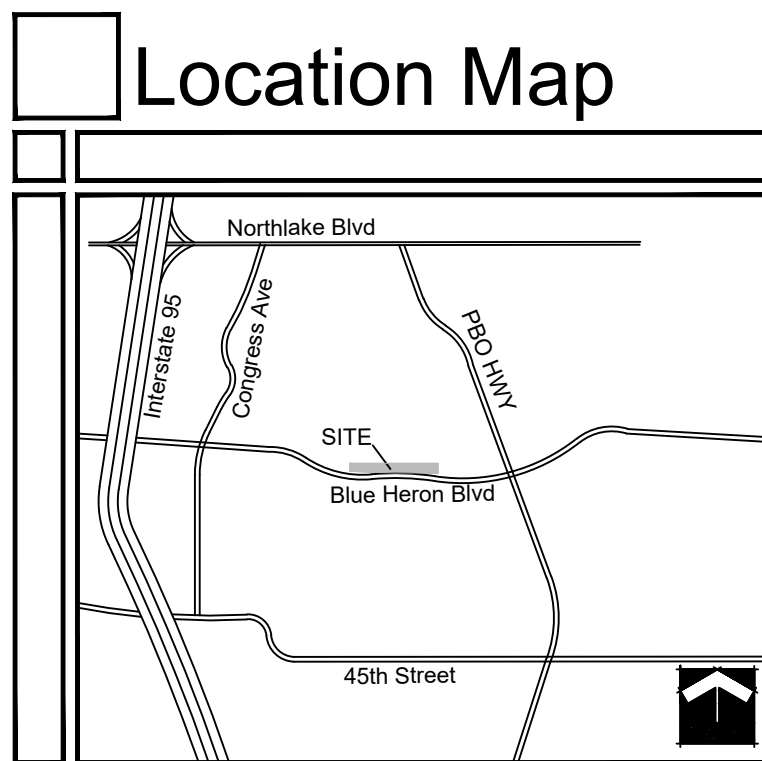
The City of Rivera Beach, Florida

Date: 06/15/18  
Scale: 1" = 20'-0"  
Design By: MLD  
Drawn By: MLD  
Checked By: JN  
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**REVISIONS / SUBMISSIONS**

07/03/19 Resubmittal  
02/28/20 Resubmittal  
03/18/21 Resubmittal  
04/29/21 Resubmittal

## Landscape Plan



### Plant List

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CALIPER	HEIGHT	SPREAD	CLEAR TRUNK
	BO	2	Bauhinia lobata / Hong Kong Orchid Tree* Single Straight Trunk, No Low Croch, Min. 5' CT	2.5" DBH	12'	5'	6' Min.
	BS	31	Bursaria simaruba / Gumbo Limbo* Single Straight Trunk, No Low Croch	2.5" DBH	12'	5'	6' CT
	CL	36	Clusia rosea / Autograph Tree* Standard Form, Matched	2.5" DBH	12'	5'	6' Min.
	CE	6	Conocarpus erectus / Green Button Wood* Single Straight Trunk, No Low Croch	2.5" DBH	12'	5'	6' Min.
	CS	30	Conocarpus erectus var. sericeus / Silver Button Wood* Single Straight Trunk	2.5" DBH	12'	5'	6' Min.
	CO	26	Cordia sebestena / Orange Gauger Tree* Single Straight Trunk, Matched	1.5" DBH	10'	5'	5' Min.
	LI2	30	Lagerstroemia indica 'Natchez' / Natchez Crape Myrtle* Single Straight Trunk	2.5" DBH	12'	5'	6' Min.
	LA	26	Lagerstroemia s. 'Acoma' / Acoma Crape Myrtle Multi-Trunk Multi-Trunk, Full Spread, Matched	1.5" DBH	10'	5'	5'
	QV	16	Quercus virginiana / Southern Live Oak* Single Straight Trunk, Min. 5' CT, No Low Croch	2.5" DBH	12'	5'	6' Min.
	RR	6	Roystonia regia / Royal Palm* Matched, No Scared Trunks, Full Heads	N/A	14' GW	15'	14' GW
	SP	28	Sabal palmetto / Sabal Palm* Slick Trunks, Hurricane Cut, Stagger Heights 4' in Groups	N/A	12'-20' CT	N/A	12'-20' CT
	TH	10	Tabebuia heterophylla / Pink Tabebuia* Single Straight Trunk, No Low Croch	2.5" DBH	12'	5'	6' Min.
	VM	15	Veitchia montgomeryana / Montgomery Palm* Single Trunk, No Scared Trunks, Matched	N/A	12' CT	12'	12' CT
	VM2	22	Veitchia montgomeryana / Montgomery Palm 'Double Trunk'* Double Trunk, No Scared Trunks, Matched	N/A	14' CT	15'	14' CT
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	SPREAD	SPACING	
	CHC	110	Chamaedorea rotundifolia / Cat Palm* Full, Matched, Large Shrubs in Buffer	36"	36"	48" O.C.	
	CHI	371	Chrysothamnus icaco / Coco Plum* Full To Base, Medium Shrubs in Buffer	24"	24"	24" O.C.	
	CLG	847	Clusia guillera / Small-Leaf Clusia* Full to Base	24"	24"	24" O.C.	
	CS3	58	Conocarpus erectus var. sericeus / Silver Button Wood Full to Base, Large Shrubs in Buffer*	36"	24"	36" O.C.	
	CRA	67	Croton augustatum / Green Citrus Lily* Full, Medium Shrubs in Buffer	24"	36"	48" O.C.	
	CAQ	32	Croton augustatum 'Queen Emma' / Queen Emma Citrus Full, Large Shrubs in Buffer	36"	36"	48" O.C.	
	HRS	53	Hibiscus rose-sinensis 'Red' / Red Hibiscus* Full, Medium Shrubs in Buffer	24"	24"	48" O.C.	
	MYF	121	Myrcianthes fragrans / Simpson's Stopper* Full to Base	30"	30"	24" O.C.	
	PHI	63	Philodendron selloum / Selloum Full, Large Shrubs in Buffer	36"	24"	48" O.C.	
	PM1	127	Podocarpus macrophyllus 'Maki' / Maki Podocarpus* Full to Base, Small Shrubs in Buffer	18"	12"	18" O.C.	
	PM3	198	Podocarpus macrophyllus 'Maki' / Maki Podocarpus* Full to Base, Large Shrubs in Buffer	36"	24"	24" O.C.	
	SRG	23	Strelitzia reginae / Orange Bird Of Paradise Full, Large Shrubs in Buffer	36"	24"	48" O.C.	
	TRF	330	Tripsacum floridanum / Dwarf Fakahatchee Grass* Full, Medium Shrubs in Buffer	24"	24"	36" O.C.	
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	SPREAD	SPACING	
	GAG	158	Galphimia glauca / Thyralls* Full, Small Shrubs in Buffer	18"	14"	24" O.C.	
	HPC	1,332	Hamelia patens 'Compacta' / Dwarf Firebush* Full, Small Shrubs in Buffer	18"	18"	24" O.C.	
	JAV	347	Jasminum volatile / Wax Jasmine* Full, Small Shrubs in Buffer	18"	14"	18" O.C.	
	PIB	169	Plumbago auriculata 'Imperial Blue' / Imperial Blue Plumbago* Full, Small Shrubs in Buffer	18"	18"	18" O.C.	
	TR2	1,605	Tripsacum floridanum / Dwarf Fakahatchee Grass* Full To Base, Medium Shrubs in Buffer	24"	18"	30" O.C.	
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	SPREAD	SPACING	
	FMG	1,755	Ficus microcarpa 'Green Island' / Green Island Ficus* Full to Base	12"	12"	18" O.C.	
	IVS	74	Ilex vomitoria 'Schillings' / Schillings Holly* Full to Base	12"	12"	18" O.C.	
	LEG	765	Likiep muscari 'Evergreen Giant' / Evergreen Giant Likiep Full	10"-12"	6"	12" O.C.	
	SOD B	17,644 sf	Paspalum rotatum / Bahia Grass Solid Sod, Stagger Seams, Field Verily Sod Areas Prior To Bid, Sod All Disturbed Areas	N/A	N/A	N/A	
	PPR	810	Podocarpus macrophyllus 'Pringles' / Dwarf Podocarpus Full	6"	6"	18" O.C.	
	SOD A	20,611 sf	Stenotaphrum secundatum / St. Augustine Grass Solid Sod, Stagger Seams, Field Verily Sod Areas Prior To Bid, Sod All Disturbed Areas	N/A	N/A	N/A	
	TAM	3,918	Trachelospermum asiaticum 'Mimmi' / Mimmi Jasmine* Trailing	6"	4"	14" O.C.	

### Landscape Requirements

Category	Requirement	No. Required	No. Provided
Trees:			
North Property Line	1438'	20 I.F.	72
South Property Line	1437'	20 I.F.	72
East Property Line	155'	20 I.F.	8
West Property Line	129'	20 I.F.	7
<b>TOTAL BUFFER TREES</b>		<b>159</b>	<b>159</b>
Hedge:			
North Property Line	1438'	Hedge	717
East Property Line	155'	Hedge	71
West Property Line	129'	Hedge	59
<b>TOTAL HEDGE</b>		<b>847</b>	<b>847</b>
South ROW:			
Large Shrubs	1437'	48" o.c. Max.	360
Medium Shrubs	1437'	48" o.c. Max.	360
Small Shrubs	1437'	24" o.c. Max.	719
Groundcover	1437'	6" o.c. Max.	2874
<b>TOTAL GROUND COVER</b>		<b>4313</b>	<b>4333</b>

Category	Requirement	No. Required	No. Provided
Landscape Area (Net Site: 195,007 sf)*	20% Site	39,001 sf	65,918 sf
Add. Landscape Area (11 Addt. Parking Spaces)	10 sf / Space	110 sf	110 sf
<b>TOTAL LANDSCAPE AREA</b>		<b>39,111 sf</b>	<b>65,918 sf</b>
Sod Area (39,111 sf Landscape Area)	50% Max.	19,556 sf Max	18,817 sf
Interior Landscape Area (Total Required: 39,111 sf)	50% of Required	19,556 sf	19,598 sf
Category	Requirement	No. Required	No. Provided
Terminal Island Trees (38 Islands)	1/Island	38	38
Interior Island Trees (7 Islands)	1/Island	7	7
Foundation Trees (Adjacent to VUA only)			
Building A (243 If)	1/20 If	12	12
Building B (232 If)	1/20 If	12	12
Building C (191 If)	1/20 If	10	10
Building D (238 If)	1/20 If	12	12
Building E (282 If)	1/20 If	14	14
<b>TOTAL INTERIOR TREES</b>		<b>105</b>	<b>105</b>

Category	Requirement	No. Required	No. Provided
Overall Site Trees (Net Site: 195,007 sf)* (INCLUDES TREES COUNTED FOR BUFFER AND INTERIOR)	1/1500 sf	131	131
Category	Requirement	No. Required	No. Provided
Native Shade Trees (264 Trees Required)	60%	158	237
Native Accent Trees (264 Trees Required)	10%	26	26
Overall Native Plant Material	70%	3887	4883
Palm Trees (264 Trees Required)	20% Max.	52	52+
Tree Species Variation	65% Max. 1 Species	172 Max.	39 Max.
Shade Tree Species Mix	6 species	6	11

\* Site Area 213,900 sf  
Less out Detention -18,893 sf  
Net Site Area 195,007 sf

+ Additional 14 Above Code  
Max. not Counted for Credit

### Landscape Notes

- Landscaping in right-of-way buffers shall be installed on the exterior side of walls or fences.
- Walls & fences shall be setback a min. of 10' from the ultimate R-O-W.
- FDOT Type D or F curb shall be provided along the perimeter of all landscape, open space, drainage and grassed areas adjacent to paved vehicular use areas, except where wheel stops are provided.
- 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, buffers or other landscaped areas.
- All plant material is to be installed at the height, spread and DBH/Caliper shown in the Plant List, container sizes are given as a suggestion only.
- No muck-grown sod shall be utilized in detention areas.
- All landscape areas (including sod) shall be irrigated with an underground automatic sprinkler system providing min. 150% coverage.
- Trees shown on this plan are for graphic representation only. Tree spacing is based on design requirements and the trees shown on these plans attempt to accomplish that spacing while maintaining the required setbacks from utilities.
- Trees may be field adjusted to avoid conflicts with driveways and underground utilities. In any case the trees shall be located in the field in accordance with the planting details shown hereon.
- Trees are to be installed with a ten foot (10') separation from any water or sewer main and/or service, hydrants, and lift stations. If a ten foot (10') separation cannot be achieved, the tree can be installed with a root barrier system. Refer to the "Root Barrier" detail for installation requirements.
- All planters shall be excavated to a minimum depth of the native soil on site and back-filled with a suitable soil consisting of fifty percent (50%) composted organic matter, well-mixed with native soil. Backfill material shall be free from rock, construction debris, or other extraneous material.

MATCHLINE C-C SHEET LP-3

