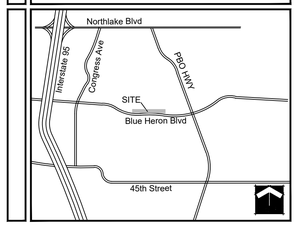
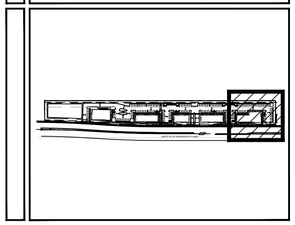
Location Map



Site Map



Plant List

TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	CALIPER	HEIGHT	SPREAD	CLEAR TRUNK
	BO	2	Bauhinia x blakeana / Hong Kong Orchid Tree+ Single Straight Trunk, No Low Crotch, Min. 5' CT	2.5" DBH	12'	5'	6' Min.
	BS	31	Bursera simaruba / Gumbo Limbo*+ Single StraightTrunk, No Low Crotch	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 Crotch	2.5" DBH	12'	5'	6' Min.
	CS	30	Conocarpus erectus sericeus / Silver Button Wood*+ Single Straight Trunk	2.5" DBH	12'	5'	6' Min.
	CO	26	Cordia sebestena / Orange Geiger 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	25	Lagerstroemia x `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 Crotch	2.5" DBH	12'	5'	6' Min.
	RR	6	Roystonea regia / Royal Palm*+ Matched, No Scarred 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 Crotch	2.5" DBH	12'	5'	6' Min.
	VM	15	Veitchia montgomeryana / Montgomery Palm+ Single Trunk, No Scarred Trunks, Matched	N/A	12' CT	12'	12' CT
	VM2	24	Veitchia montgomeryana / Montgomery Palm `Double Trunk`+ Double Trunk, No Scarred Trunks, Matched	N/A	14' CT	15'	14' CT

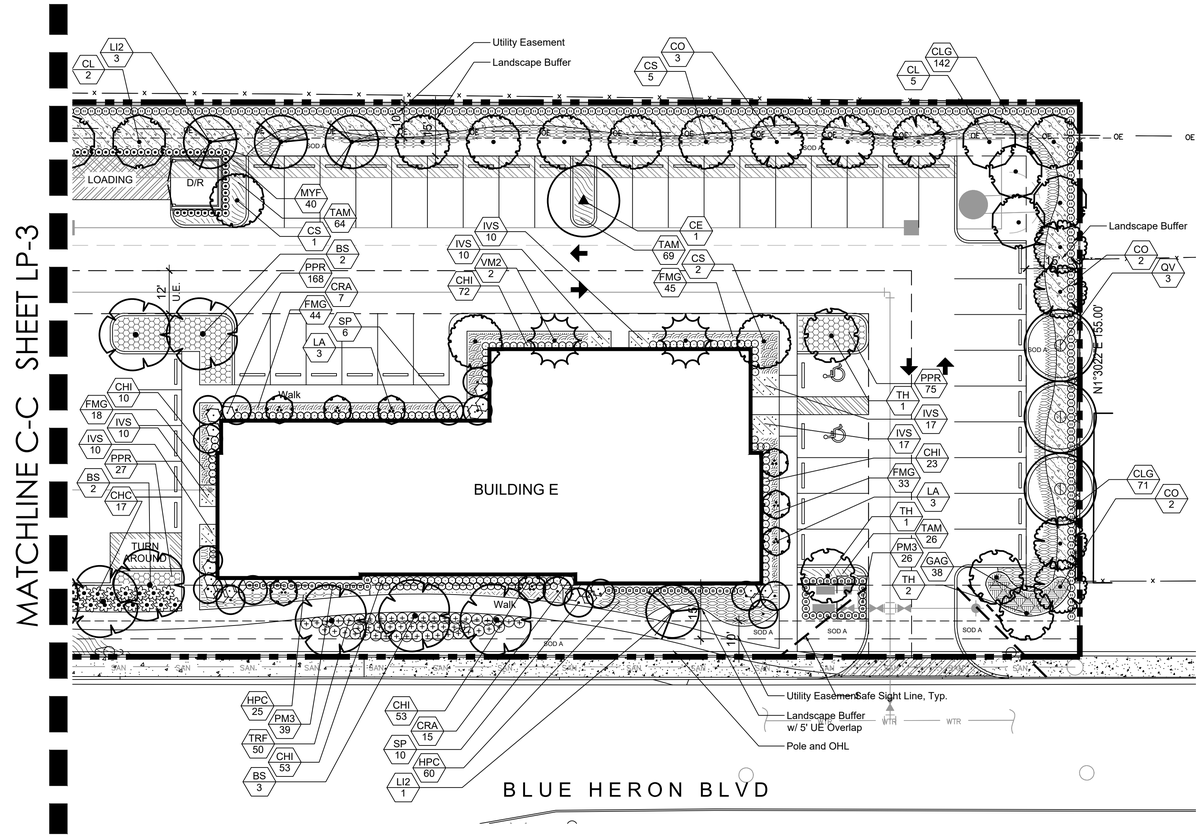
SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	HEIGHT	SPREAD	SPACING
	CHC	101	Chamaedorea cataractarum / Cat Palm+ Full, Matched, Large Shrubs in Buffer	36"	36"	48" O.C.
	CHI	327	Chrysobalanus icaco / Coco Plum*+ Full To Base, Medium Shrubs in Buffer	24"	24"	24" O.C.
	CLG	847	Clusia guttifera / Small-Leaf Clusia*+ Full to Base	24"	24"	24" O.C.
	CS3	58	Conocarpus erectus sericeus / Silver Button Wood Full to Base	36"	24"	36" O.C.
	CRA	58	Crinum augustum / Green Crinum Lily+ Full, Medium Shrubs in Buffer	24"	36"	48" O.C.
	CAQ	37	Crinum augustum `Queen Emma` / `Queen Emma` Crinum Full, Large Shrubs in Buffer	36"	36"	48" O.C.
	HRS	53	Hibiscus rosa-sinensis `Red` / Red Hibiscus+ Full, Medium Shrubs in Buffer	24"	24"	48" O.C.
	MYF	176	Myrciianthes fragrans / Simpson`s Stopper*+ Full to Base	36"	30"	24" O.C.
	PHI	63	Philodendron selloum / Selloum Full, Large Shrubs in Buffer	36"	24"	48" O.C.
	PM1	119	Podocarpus macrophyllus `Maki` / Maki Podocarpus+ Full to Base, Small Shrubs in Buffer	18"	12"	18" O.C.
	PM3	183	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	266	Tripsacum floridanum / Dwarf Fakahatchee Grass*+ Full, Medium Shrubs in Buffer	24"	24"	36" O.C.

SHRUB AREAS	CODE	QTY	BOTANICAL NAME / COMMON NAME	HEIGHT	SPREAD	SPACING
	GAG	165	Galphimia glauca / Thryalis+ Full, Small Shrubs in Buffer	18"	14"	24" O.C.
	HPC	1,328	Hamelia patens `Compacta` / Dwarf Firebush*+ Full, Small Shrubs in Buffer	18"	18"	24" O.C.
	JAV	408	Jasminum volubile / Wax Jasmine+ Full, Small Shrubs in Buffer	18"	14"	18" O.C.
	PIB	165	Plumbago auriculata `Imperial Blue` / Imperial Blue Plumbago+ Full, Small Shrubs in Buffer	18"	18"	18" O.C.
	TR2	1,447	Tripsacum floridanum / Dwarf Fakahatchee Grass*+ Full To Base	24"	18"	30" O.C.

GROUND COVERS	CODE	QTY	BOTANICAL NAME / COMMON NAME	HEIGHT	SPREAD	SPACING
	FMG	1,869	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	2,877	Liriope muscari `Evergreen Giant` / Evergreen Giant Liriope Full, Groundcover in Buffer	6"	6"	6" O.C.
	SOD B	18,923 sf	Paspalum notatum / Bahia Grass Solid Sod, Stagger Seams, Field Verify Sod Areas Prior To Bid, Sod All Disturbed Areas	N/A	N/A	N/A
	PPR	697	Podocarpus macrophyllus `Pringles` / Dwarf Podocarpus Full	8"	8"	18" O.C.
	SOD A	18,652 sf	Stenotaphrum secundatum / St. Augustine Grass Solid Sod, Stagger Seams, Field Verify Sod Areas Prior To Bid, Sod All Disturbed Areas	N/A	N/A	N/A
	TAM	4,214	Trachelospermum asiaticum `Minima` / Minima Jasmine+ Trailing	6"	4"	14" O.C.

Know what's **below.** **Call** before you dig.

0 10' 20' 40' 60'
Scale 1"= 20'-0"
North



Landscape Requirements

Category		Requirement	No. Required	No. Provided
Trees:				
North Property Line	1438'	20 l.f.	72	72
South Property Line	1437'	20 l.f.	72	72
East Property Line	155'	20 l.f.	8	8
West Property Line	129'	20 l.f.	7	7
TOTAL BUFFER TREES			159	159
Hedge:				
North Property Line	1438'	Hedge	717	717
East Property Line	155'	Hedge	71	71
West Property Line	129'	Hedge	59	59
TOTAL HEDGE			847	847
South ROW:				
Large Shrubs	1437'	48" o.c. Max.	360	360
Medium Shrubs	1437'	48" o.c. Max.	360	360
Small Shrubs	1437'	24" o.c. Max.	719	736
Groundcover	1437'	6" o.c. Max.	2874	2877
TOTAL GROUNDCOVER			4313	4333

Category	Requirement	No. Required	No. Provided
Landscape Area (Net Site: 195,007 sf)*	20% Site	39,001 sf	46,163 sf
Addt. Landscape Area (11 Addt. Parking Spaces)	10 sf / Space	110 sf	110 sf
TOTAL LANDSCAPE AREA		39,111 sf	46,273 sf
Sod Area (39,111 sf Landscape Area)	50% Max.	19,556 sf Max	18,652 sf
Interior Landscape Area (Total Required: 39,111 sf)	50% of Required	19,556 sf	21,667 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 lf)	1/20 lf	12	12
Building B (232 lf)	1/20 lf	12	12
Building C (191 lf)	1/20 lf	10	10
Building D (238 lf)	1/20 lf	12	12
Building E (282 lf)	1/20 lf	14	14
TOTAL INTERIOR TREES		105	105

Category	Requirement	No. Required	No. Provided
Overall Site Trees (Net Site: 195,007 sf)* (INCLUDES TREES COUNTED FOR BUFFER AND INTERIOR)	1/1500 sf	130	130

Category	Requirement	No. Required	No. Provided
Native Shade Trees (264 Trees Required)	60%	158	238
Native Accent Trees (264 Trees Required)	10%	26	26
Overall Native Plant Material	70%	3887	4712
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 15 Above Code Max. not Counted for Credit

Landscape Notes

2. Landscaping in right-of-way buffers shall be installed on the exterior side of walls or fences.
3. Walls & fences shall be setback a min. of 10' from the ultimate R-O-W.
4. 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.
5. Safe sight triangles shall be maintained clear of vegetation to provide unobstructed visibility between 30" and 8' above crown of road.
6. 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.
7. All plant material is to be installed a the height, spread and DBH/Caliper shown in the Plant List, container sizes are given as a suggestion only.
8. No muck-grown sod shall be utilized in detention areas.
9. All landscape areas (including sod) shall be irrigated with an underground automatic sprinkler system providing min. 150% coverage.
10. 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.
11. 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.
12. 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.

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Blue Heron Commercial

The City of Rivera Beach, Florida

Date:	06/11/18
Scale:	1" = 20'-0"
Design By:	MLD
Drawn By:	MLD
Checked By:	JES
File No.	852.01
Job No.	17-82

REVISIONS / SUBMISSIONS

Landscape Plan