

Landscape Calculations

Amenity - Parking (Vehicular Use Area):

Perimeter Trees: (VUA)
One (1) Canopy Tree per 30 If Perimeter (522/ 30 = 17 Trees)

<u>Total Perimeter Trees Required</u> = 17 Canopy Trees Trees Provided = 20

20 Canopy Trees

One (1) Shrub per 2 If Perimeter (522/ 2 = 261 Shrubs)

Total Perimeter Shrubs Required = 261 Shrubs Provided = 264 Shrubs

One (1) Canopy Tree per End of Terminal Island

<u>Total Terminal Island Trees Required</u> = 26 <u>Trees Provided</u> = 24 Canopy Trees 6 Palms (@ 3/2 = 2 tree credit)

Amenity - Perimeter Landscaping:

Perimeter Trees:
One (1) Canopy Tree per 30 If Perimeter (1,954/ 30 = 65 Trees)

Total Perimeter Trees Required = x Canopy Trees Trees Provided = 79

68 Canopy Trees 11 Palm Trees (@ 34/3=11 tree credits) One (1) Shrub per 2 If Perimeter (1,954 / 2 = 977 Shrubs)

Total Perimeter Shrubs Required = 977 Shrubs Provided = 1,011 Shrubs

Amenity - Building Foundation:

Foundation Trees:
One (1) Canopy Tree or Palm Tree per 30 If Perimeter (698 / 30 = 23 Trees)

<u>Total Foundation Trees Required</u> = 23 Trees Trees Provided = 25 12 Canopy Trees (4 Royal Palm) 13 Palm Trees (@27/2=13 tree credits)

One (1) Shrub per 2 If Perimeter (698 / 2 = 349 Shrubs)

<u>Total Foundation Shrubs Required</u> = 349 Shrubs Provided = 430 Shrubs

General Landscape Notes

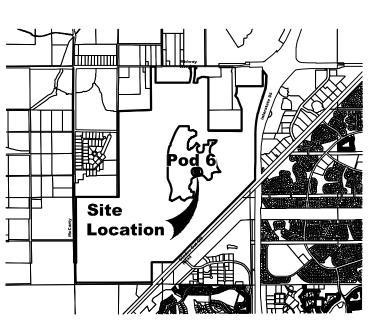
- 1. At least 50% of all required trees shall be of a native species.
- 2. All plant material to be Florida No. 1 or better.
- 3. All landscape & sod areas to be irrigated by an automated system that provides 100% coverage with 100% overlap with a minimum d.u. of .70.
- 4. All landscaping at intersection and corners complies with Section 158.204 of the Port St Lucie Code of Ordinances to provide a clear sight zone between 2' - 6' above the final road crown elevation. All hedges and shrubs with in the 25' sight triangle will be maintained at a height no higher than 2' above the crown elevation of the road. In addition, the foliage line any tree within the 25' sight triangle will maintained at a height of no less than 6' above the road crown.

PSLUSD Notes for Landscape Plan

- All new landscaping within utility easements and within ten (10) feet of underground utility infrastructure shall comply with PSLUSD technical specifications, policies, and codes.
- 2. No landscaping other than sod grasses may be planted within a 5' radius maintenance area of any utility appurtenances such as water meters, backflow devices, fire hydrants, sanitary sewer cleanouts, and manholes, air release valves, etc.
- 3. Trees shall not be planted within ten (10) feet of any underground infrastructure.
- 4. No landscaping shall be planted in such a manner as to adversely affect utility easements. Landscaping shall be in compliance with chapter 154 of the City of Port St Lucie Code of Ordinances, PSLUD technical specifications and policies.
- 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.







Project Team:

Client &

Southeast Florida Division, LLC 3601 Quantum Blvd. Boynton Beach, Florida 33426

K. Hovanian

Land Planner /

Landscape Architect: 701 East Ocean Boulevard Stuart, Florida 34994

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Kimley Horn And Associates 445 24th Street, Suite 200 Vero Beach, FL 32960 772-794-4067

Wylder

POD 6

Amenity Landscape Plan

Port St Lucie, Florida

P23-121 PSLUSD No. 11-642-09B

Date	Ву	Description	
7.19.23	SAW	Initial Submittal	
08.24.23	SAW	Re-Submittal	
11.01.23	SAW	Re-Submittal	
11.16.23	SJS	Re-Submittal	



REG. # 1018 Thomas P. Lucido

Manager 22-471 Project Number Municipal Number P23-121

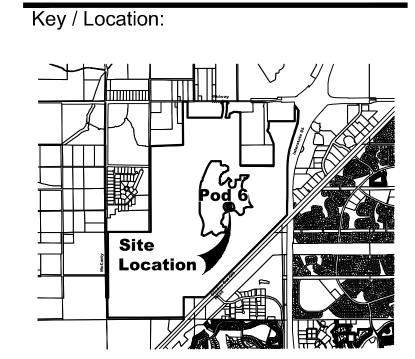
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PLANT SCHEDULE AMENITY

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE	CALIPER
CE	24	Conocarpus erectus	Buttonwood	100G	12` HT	5` W	STD, F	Native	2.5" CAL
CS	15	Conocarpus erectus f. sericeus	Silver Buttonwood	100G	12` HT	5` SPR	STD, F, SP	Native	2.5" CAL
ED	10	Elaeocarpus decipiens	Japanese Blueberry Tree	100G	12` HT	4` SPR	F, SP	Non-native	2.5" CAL
HS	7	Hibiscus rosa-sinensis	Hibiscus `	25G		6` HT x 3` SPD	3` CT, F, SP	Non-native	210 0/ 12
IE2	14	Ilex x attenuata 'Eagleston'	Eagleston Holly	100G	14` HT	5` SPR	F, SP	Native	3"
LM	6	Lagerstroemia indica `Muskogee`	Muskogee Crape Myrtle	FG	14` HT	7` W	1,01	Native	9
	0	· · ·					ML CD	Non nativo	
LN2	0	Lagerstroemia indica `Natchez`	Natchez` Crape Myrtle	FG	12` HT	6` SPR	ML, SP	Non-native	
PD	5	Phoenix dactylifera `Medjool`	Medjool Date Palm	FG	16`CT	0))4/	FH, SP, Straight, Classic Cut	Non-native	0.1.0.1
PE	19	Pinus elliotti	Slash Pine	FG	12` HT	6`W			3" Cal
PT	19	Ptychosperma elegans	Alexander Palm	CG	8'CT				
QV	50	Quercus virginiana	Southern Live Oak	65G	14` HT	7` SPR	F, SP	Native	3" Cal
QV4	6	Quercus virginiana	Southern Live Oak	FG	16`-18` OA	8` SPR	SP, HO	Native	5" Cal
RO	30	Roystonea regia	Florida/Cuban Royal Palm	FG	12`GW		F, SP, No Scars	Native	
SP	75	Sabal palmetto	Sabal Palm	FG	10`-18` CT		HVY CAL, SP	Native	
DC	6	Senna polyphylla	Desert Cassia	45G	8`HT	4` SPR	F, SP	Native	
TC	1	Tabebuia caraiba	Yellow Tabebuia	45G	14` HT	7` W	F, SP	Non-native	3"
WB	- 36	Wodyetia bifurcata	Foxtail Palm	FG	16` - 18` HT. 6` GW	7 VV	Full Head, Str, Specimen	Non-native	9
	JO 4	-					• •	Non-nauve	
WB3	4	Wodyetia bifurcata	Triple Foxtail Palm	FG	18`CT		Triple, Full Heads, SP		
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE	
AWB	73	Acalypha wilkesiana `Louisiana Red`	Red Copperleaf	3G	24" HT	24"W	FTB, SP	Non-native	
ALI	11	Alcantarea imperialis	Imperial Bromeliad	7G	30" OA	27 **	SP	Non-native	
AOO	6	Alcantarea imperialis Alcantarea odorata	Giant Silver Bromeliad	7G	30" OA		SP	Non-native	
	<i>-</i>						SP		
ABS	5	Androlepis skinneri	Big Red Bromeliad	7G	30" OA	4004/	5P	Non-native	
BH	162	Bougainvillea x 'Helen Johnson'	Helen Johnson Compact Bougainvillea	3G	18" OA	18"W	<u> </u>		
CC	4	Chamaedorea cataractarum	Cat Palm	15G	5`OA		F	Non-native	
CHH	449	Chrysobalanus icaco 'Horizontalis'	Horizontal Coco Plum	3G	2` HT	2` W	F	Native	
CHR	518	Chrysobalanus icaco `Red Tip`	Red Tip Cocoplum	3G	24" HT	18"W	FTB	Native	
CLU	303	Clusia guttifera	Sma ll -Leaf Clusia	7G	3` HT	2` W	FTB		
CND	103	Clusia rosea 'Nana'	Dwarf Pitch Apple	3G	12" HT	12" W	F		
COD	62	Codiaeum variegatum `Mammey`	Mammey Croton	3G	24" HT	18"W	FTB, SP	Non-native	
CES	100	Conocarpus erectus `Sericeus`	Silver Buttonwood	3G	24" HT	24"W	F	Native	
CKF	7	Cordyline fruticosa 'Kiwi'	Kiwi Ti Plant	3G	24" OA		F		
FFV	33	Furcraea foetida 'Variegata'	Variegated False Agave	15G	30" OA		F		
GAG	60	Galphimia glauca	Thryalis	3G	24" HT	18"W	F	Non-native	
HAM	74	Hamelia patens `Compacta`	Dwarf Firebush	3G	36" HT	30"W	FTB	Non-native	
IXN	213	Ixora coccinea `Nora Grant`	Red Ixora	3G	24" OA	30 VV	FTB	Non-native	
						2,/٧			
JAT	8	Jatropha integerrima	Jatropha	15G	4` HT	3`W	STD, SP	Non-native	
MFR	67	Myrcianthes fragrans	Simpson's Stopper	7G	4` HT	3`W	FTB, SP	Native	
NCR	11	Neoregelia cruenta rubra	Red Cruenta Bromeliad	2G	12" OA				
NBB	9	Neoregelia x 'Bossa Nova'	Bossa Nova Bromeliad	2G	12" OA		F		
PLI	67	Plumbago auriculata `Imperial Blue`	Plumbago	3G	24" HT	24"W	F, SP	Non-native	
ROL	46	Rondeletia leucophylla	Panama Rose `Pink`	3G	24" HT	24"W	FTB, SP	Non-native	
SAR	210	Schefflera arboricola	Green Schefflera	3G	24" HT	24"W	F	Non-native	
STU	61	Stachytarpheta jamaicensis	Blue Porterweed	3G	24" HT	18"W	F	Native	
CDACCEC	OT\/	DOTANICAL NAME	COMMONINIANT	CONTAINED	LIFICUT	WIDTH	NOTES	NIA TIV / C	
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	<u>WIDTH</u>	NOTES	NATIVE	0.4"
MUH	462	Muhlenbergia capillaris	Pink Muhly	3G	18" OA		<u> </u>	.	24" o.c.
PSW	98	Pennisetum setaceum 'White'	White Fountain Grass	3G	24" OA		F	Non-native	36" o.c.
TRD	255	Tripsacum dactyloides	Fakahatchee Grass	3G	24" OA		Full	Native	48" o.c.
TDF	319	Tripsacum dactyloides nana	Dwarf Fakahatchee Grass	3G	18" OA				24" o.c.
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE	
	376		Seasonal Annuals			AAIDIII		INALIVE	10"
ANN		Annuals sp		1G	12" OA		Full		12" o.c.
EBG	241	Evolvulus glomeratus 'Blue Daze'	Brazilian Dwarf Morning Glory	3G	8"-10" OA	400.57	F		12" o.c.
GIF	321	Ficus microcarpa `Green Island`	Green Island Ficus	3G	12"HT	12"W	Full		24" o.c.
H C	658	Ilex vomitoria `Stokes Dwarf`	Dwarf Yaupon	3G	12"HT	12"W	Full	Native	18" o.c.
				3G	10" HT	15" SPR	Full	Non-native	24" o.c.
JUP	199	Juniperus chinensis `Parsonii`	Parsoni Juniper			10 01 11	i dii	Non hauve	
JUP LIB		Juniperus chinensis `Parsonii` Liriope muscari 'Big Blue'	Parsoni Juniper Big Blue Lilyturf	3G 3G	12" OA	10 0111	· an	Non nauve	18" o.c.
	199	•	·			12"W	FTB	Non-native	





Project Team:

Client &

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Wylder

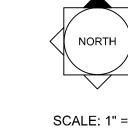
POD 6

Amenity Overall Plant Schedule

Port St Lucie, Florida

P23-121 PSLUSD No. 11-642-09B

Date	Ву	Description	
07.19.23	SAW	Initial Submittal	
08.24.23	SAW	Re-Submittal	
11.01.23	SAW	Re-Submittal	
11.16.23	SJS	Re-Submittal	





REG. # 1018 Thomas P. Lucido

22-471 - POD 6 - Amenity Landscape Plan - Revised Pool & Spa.

Manager Project Number Municipal Number P23-121

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PLANT SCHEDULE PHASE1

	114 I	CONLEGEL I HAGE	•							
CODE TREES	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE	CAL/DBH	
CE	9	Conocarpus erectus	Buttonwood	100G	12` HT	5` W	STD, F	Native	2.5" CAL	
CS	10	Conocarpus erectus f. sericeus	Silver Buttonwood	100G	12` HT	5` SPR	STD, F, SP	Native	2.5" CAL	
ED	8	Elaeocarpus decipiens	Japanese Blueberry Tree	100G	12` HT	5` SPR	F, SP	Non-native	2.5" CAL	
HS	4	Hibiscus rosa-sinensis	Hibiscus `	25G		6` HT x 3` SPD	3 [°] CT, F, SP	Non-native		
IE2	14	llex x attenuata 'Eagleston'	Eagleston Holly	100G	14` HT	5` SPR	F, SP	Native	3"	
LM	6	Lagerstroemia indica `Muskogee`	Muskogee Crape Myrtle	FG	14` HT	7` W	.,		_	
LN2	7	Lagerstroemia indica `Natchez`	Natchez` Crape Myrtle	FG	12` HT	6` SPR	ML, SP	Non-native		
PD	3	Phoenix dactylifera `Medjool`	Medjool Date Palm	FG	16`CT		FH, SP, Straight, Classic Cut	Non-native		
PE	4	Pinus elliotti	Slash Pine	FG	12` HT	6`W	, ,		3" Cal	
PT	4	Ptychosperma elegans	Alexander Palm	CG	8°CT					
QV	38	Quercus virginiana	Southern Live Oak	65G	14` HT	7` SPR	F, SP	Native	3" Cal	
QV4	2	Quercus virginiana	Southern Live Oak	FG	16`-18` OA	8` SPR	SP, HO	Native	5" Cal	
RO	_ 25	Roystonea regia	Florida/Cuban Royal Palm	FG	12`GW	5 5	F, SP, No Scars	Native		
SP	34	Sabal palmetto	Sabal Palm	FG	10`-18` CT		HVY CAL, SP	Native		
DC	2	Senna polyphylla	Desert Cassia	45G	8'HT	4` SPR	F, SP	Native		
TC	4	Tabebuia caraiba	Yellow Tabebuia	45G	14` HT	7` W	F, SP	Non-native	3"	
WB	20	Wodyetia bifurcata	Foxtail Palm	FG	16` - 18` HT. 6` GW		Full Head, Str, Specimen	Non-native	· ·	
WB3	2	Wodyetia bifurcata	Triple Foxtail Palm	FG	18`CT		Triple, Full Heads, SP	Non nauvo		
CODE SHRUBS	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONTAINER	<u>HEIGHT</u>	WIDTH	NOTES	<u>NATIVE</u>	SPACING	
AWB	27	Acalypha wilkesiana `Louisiana Red`	Red Copperleaf	3G	24" HT	24"W	FTB, SP	Non-native		
ALI	10	Alcantarea imperialis	Imperial Bromeliad	7G	30" OA		SP	Non-native		
AOO	6	Alcantarea odorata	Giant Silver Bromeliad	7G	30" OA		SP	Non-native		
ABS	5	Androlepis skinneri	Big Red Bromeliad	7G	30" OA		SP	Non-native		
вн	144	Bougainvillea x 'Helen Johnson'	Helen Johnson Compact Bougainvillea	3G	18" OA	18"W	F			
CC	2	Chamaedorea cataractarum	Cat Palm	15G	5`OA		F	Non-native		
CHH	228	Chrysobalanus icaco 'Horizontalis'	Horizontal Coco Plum	3G	2` HT	2` W	F	Native		
CHR	340	Chrysobalanus icaco `Red Tip`	Red Tip Cocoplum	3G	24" HT	18"W	FTB	Native		
CLU	97	Clusia guttifera	Small-Leaf Clusia	7G	3` HT	2` W	FTB			
CND	68	Clusia rosea 'Nana'	Dwarf Pitch Apple	3G	12" HT	12" W	F			
COD	44	Codiaeum variegatum `Mammey`	Mammey Croton	3G	24" HT	18"W	FTB, SP	Non-native		
CKF	4	Cordyline fruticosa 'Kiwi'	Kiwi Ti Plant	3G	24" OA		F			
FFV	20	Furcraea foetida 'Variegata'	Variegated False Agave	15G	30" OA		F			
IXN	185	Ixora coccinea `Nora Grant`	Red Ixora	3G	24" OA		FTB	Non-native		
JAT	4	Jatropha integerrima	Jatropha	15G	4` HT	3`W	STD, SP	Non-native		
MFR	56	Myrcianthes fragrans	Simpson`s Stopper	7G	4` HT	3`W	FTB, SP	Native		
PLI	31	Plumbago auriculata `Imperial Blue`	Plumbago	3G	24" HT	24"W	F, SP	Non-native		
ROL	28	Rondeletia leucophylla	Panama Rose `Pink`	3G	24" HT	24"W	FTB, SP	Non-native		
SAR	212	Schefflera arboricola	Green Schefflera	3G	24" HT	24"W	F	Non-native		
STU	61	Stachytarpheta jamaicensis	Blue Porterweed	3G	24" HT	18"W	F	Native		
<u>CODE</u> GRASSE	QTY S	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	<u>WIDTH</u>	NOTES	NATIVE	SPACING	SPACING
MUH	263	Muhlenbergia capillaris	Pink Muhly	3G	18" OA		F			24" o.c.
TRD	172	Tripsacum dactyloides	Fakahatchee Grass	3G	24" OA		Full	Native		48" o.c.
TDF	342	Tripsacum dactyloides nana	Dwarf Fakahatchee Grass	3G	18" OA					24" o.c.
GROUNE ANN			Second Appuals	10	12" OA		Eull			12" o.c.
EBG	376 241	Annuals sp Evolvulus glomeratus 'Blue Daze'	Seasonal Annuals Brazilian Dwarf Morning Glory	1G 3G	12" OA 8"-10" OA		Full F			12" o.c. 12" o.c.
GIF	24 i 153				8 - 10 OA 12"HT	12"W	F Full			12 o.c. 24" o.c.
		Ficus microcarpa `Green Island` Ilex vomitoria `Stokes Dwarf`	Green Island Ficus	3G	12"HT	12"W		Mativo		
ILS JUP	367 162		Dwarf Yaupon	3G	12"HT	12"W 15" SPR	Full	Native		18" o.c.
	163	Juniperus chinensis `Parsonii`	Parsoni Juniper	3G		וט פרא	Full	Non-native		24" o.c.
L I B PMO	113	Liriope muscari 'Big Blue' Podocarpus macrophyllus `Dwarf Pringles`	Big Blue Lilyturf	3G 3G	12" OA 12"HT	12"W	FTB	Non notive		18" o.c. 18" o.c.
TRA	95 428	Trachelospermum asiaticum	Dwarf Podocarpus Asiatic Jasmine	FLAT	1∠ ⊓1 4"-6" ht x 6"-8" sprd	IZ VV	110	Non-native Native		16 O.C. 12" o.C.
HVA	420	паспеюэреннин азіансин	Asiatic sastriffe	ILAI	+ -o nexo-o spid			INGUVE		12 0.0.

PLANT SCHEDULE PHASE2

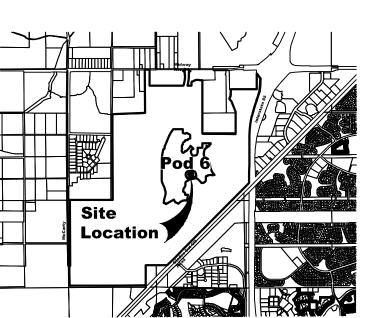
CODE TREES	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	<u>HEIGHT</u>	WIDTH	NOTES	NATIVE	CAL/DBH	
CS	1	Conocarpus erectus f. sericeus	Silver Buttonwood	100G	12` HT	5` SPR	STD, F, SP	Native	2.5" CAL	
PT	6	Ptychosperma elegans	Alexander Palm	CG	8°CT	0 0	0.2,.,0.	1141175	2.0 0/12	
QV	1	Quercus virginiana	Southern Live Oak	65G	14` HT	7` SPR	F, SP	Native	3" Cal	
RO	1	Roystonea regia	Florida/Cuban Royal Palm	FG	12`GW		F, SP, No Scars	Native		
DC	2	Senna polyphylla	Desert Cassia	45G	8`HT	4` SPR	F, SP	Native		
WB	3	Wodyetia bifurcata	Foxtail Palm	FG	16` - 18` HT, 6` GW		Full Head, Str, Specimen	Non-native		
WB3	2	Wodyetia bifurcata	Triple Foxtail Palm	FG	18`CT		Triple, Full Heads, SP			
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE	SPACING	
SHRUBS	3									
ALI	1	Alcantarea imperialis	Imperial Bromeliad	7G	30" OA		SP	Non-native		
ABS	1	Androlepis skinneri	Big Red Bromeliad	7G	30" OA		SP	Non-native		
CHR	86	Chrysobalanus icaco `Red Tip`	Red Tip Cocoplum	3G	24" HT	18"W	FTB	Native		
CLU	8	Clusia guttifera	Small-Leaf Clusia	7G	3` HT	2` W	FTB			
CND	32	Clusia rosea 'Nana'	Dwarf Pitch Apple	3G	12" HT	12" W	F			
COD	9	Codiaeum variegatum `Mammey`	Mammey Croton	3G	24" HT	18"W	FTB, SP	Non-native		
GAG	21	Galphimia glauca	Thryalis	3G	24" HT	18"W	F	Non-native		
IXN	10	Ixora coccinea `Nora Grant`	Red Ixora	3G	24" OA		FTB	Non-native		
PLI	24	Plumbago auriculata `Imperial Blue`	Plumbago	3G	24" HT	24"W	F, SP	Non-native		
ROL	16	Rondeletia leucophylla	Panama Rose `Pink`	3G	24" HT	24"W	FTB, SP	Non-native		
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	<u>HEIGHT</u>	<u>WIDTH</u>	NOTES	NATIVE	SPACING	SPACING
GROUNI										
GIF	32	Ficus microcarpa `Green Island`	Green Island Ficus	3G	12"HT	12"W	Full			24" o.c.
ILS	60	llex vomitoria `Stokes Dwarf`	Dwarf Yaupon	3G	12"HT	12"W	Full	Native		18" o.c.
JUP	9	Juniperus chinensis `Parsonii`	Parsoni Juniper	3G	10" HT	15" SPR	Full	Non-native		24" o.c.
LIB	126	Liriope muscari 'Big Blue'	Big Blue Lilyturf	3G	12" OA					18" o.c.
TRA	114	Trachelospermum asiaticum	Asiatic Jasmine	FLAT	4"-6" ht x 6"-8" sprd			Native		12" o.c.

PLANT SCHEDULE PHASE3

CODE TREES	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	<u>WIDTH</u>	NOTES	<u>NATIVE</u>	CAL/DBH	
CE	14	Conocarpus erectus	Buttonwood	100G	12` HT	5` W	STD, F	Native	2.5" CAL	
cs	6	Conocarpus erectus f. sericeus	Silver Buttonwood	100G	12` HT	5` SPR	STD, F, SP	Native	2.5" CAL	
D	2	Elaeocarpus decipiens	Japanese Blueberry Tree	100G	12` HT	5` SPR	F, SP	Non-native	2.5" CAL	
HS	2	Hibiscus rosa-sinensis	Hibiscus `	25G		6` HT x 3` SPD	3 [°] CT, F, SP	Non-native		
E2	2	llex x attenuata 'Eagleston'	Eagleston Holly	100G	14` HT	5` SPR	F, SP	Native	3"	
_N2	1	Lagerstroemia indica `Natchez`	Natchez` Crape Myrtle	FG	12` HT	6` SPR	ML, SP	Non-native		
PE	15	Pinus elliotti	Slash Pine	FG	12` HT	6`W	,		3" Cal	
PΤ	9	Ptychosperma elegans	Alexander Palm	CG	8`CT					
QV	8	Quercus virginiana	Southern Live Oak	65G	14` HT	7` SPR	F, SP	Native	3" Cal	
QV4	4	Quercus virginiana	Southern Live Oak	FG	16`-18` OA	8` SPR	SP, HO	Native	5" Cal	
RO	8	Roystonea regia	Florida/Cuban Royal Palm	FG	12`GW	5 5	F, SP, No Scars	Native	5 - Ca.	
SP	38	Sabal palmetto	Sabal Palm	FG	10`-18` CT		HVY CAL, SP	Native		
DC	2	Senna polyphylla	Desert Cassia	45G	8`HT	4` SPR	F, SP	Native		
TC	2	Tabebuia caraiba	Yellow Tabebuia	45G	14` HT	7` W	F, SP	Non-native	3"	
WB	_ 16	Wodyetia bifurcata	Foxtail Palm	FG	16` - 18` HT. 6` GW		Full Head, Str, Specimen	Non-native	Ū	
CODE SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	<u>HEIGHT</u>	<u>WIDTH</u>	NOTES	<u>NATIVE</u>	SPACING	
AWB	46	Acalypha wilkesiana `Louisiana Red`	Red Copperleaf	3G	24" HT	24"W	FTB, SP	Non-native		
CC	2	Chamaedorea cataractarum	Cat Palm	15G	5`OA		F	Non-native		
CHH	221	Chrysobalanus icaco 'Horizontalis'	Horizontal Coco Plum	3G	2` HT	2` W	F	Native		
CHR	183	Chrysobalanus icaco `Red Tip`	Red Tip Cocoplum	3G	24" HT	18"W	FTB	Native		
CLU	125	Clusia guttifera	Small-Leaf Clusia	7G	3` HT	2` W	FTB			
CND	1	Clusia rosea 'Nana'	Dwarf Pitch Apple	3G	12" HT	12" W	F			
COD	9	Codiaeum variegatum `Mammey`	Mammey Croton	3G	24" HT	18"W	FTB, SP	Non-native		
CES	100	Conocarpus erectus `Sericeus`	Silver Buttonwood	3G	24" HT	24"W	F	Native		
FFV	7	Furcraea foetida 'Variegata'	Variegated False Agave	15G	30" OA		F			
GAG	39	Galphimia glauca	Thryalis	3G	24" HT	18"W	F	Non-native		
HAM	74	Hamelia patens `Compacta`	Dwarf Firebush	3G	36" HT	30"W	FTB	Non-native		
IXN	67	Ixora coccinea `Nora Grant`	Red Ixora	3G	24" OA		FTB	Non-native		
JAT	4	Jatropha integerrima	Jatropha	15G	4` HT	3`W	STD, SP	Non-native		
MFR	8	Myrcianthes fragrans	Simpson`s Stopper	7G	4` HT	3`W	FTB, SP	Native		
PLI	12	Plumbago auriculata `Imperial Blue`	Plumbago	3G	24" HT	24"W	F, SP	Non-native		
CODE GRASSE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	<u>HEIGHT</u>	<u>WIDTH</u>	NOTES	NATIVE	SPACING	SPACING
GRASSE MUH	<u>.s</u> 118	Muhlenbergia capillaris	Pink Muhly	3G	18" OA		F			24" o.c.
PSW	85	Pennisetum setaceum 'White'	White Fountain Grass	3G	24" OA		F	Non-native		36" o.c.
TRD	79	Tripsacum dactyloides	Fakahatchee Grass	3G	24" OA		Full	Native		48" o.c.
	COVER									
GIF	136	Ficus microcarpa `Green Island`	Green Island Ficus	3G	12"HT	12"W	Full			24" o.c.
ILS	80	llex vomitoria `Stokes Dwarf`	Dwarf Yaupon	3G	12"HT	12"W	Full	Native		18" o.c.
JUP	83	Juniperus chinensis `Parsonii`	Parsoni Juniper	3G	10" HT	15" SPR	Full	Non-native		24" o.c.
LIB	72	Liriope muscari 'Big Blue'	Big Blue Lilyturf	3G	12" OA					18" о с
PMO	86	Podocarpus macrophyllus `Dwarf Pringles`	Dwarf Podocarpus	3G	12"HT	12"W	FTB	Non-native		18" o.c.
TRA	280	Trachelospermum asiaticum	Asiatic Jasmine	FLAT	4"-6" ht x 6"-8" sprd			Native		12" o.c.



Key / Location:



Project Team:

Client &

K. Hovanian Southeast Florida Division, LLC

3601 Quantum Blvd. Boynton Beach, Florida 33426

Land Planner /

Lucido & Associates **Landscape Architect:** 701 East Ocean Boulevard Stuart, Florida 34994

Engineer:

Kimley Horn And Associates 445 24th Street, Suite 200 Vero Beach, FL 32960 772-794-4067

Surveyor:

Kimley Horn And Associates 445 24th Street, Suite 200 Vero Beach, FL 32960 772-794-4067

Wylder

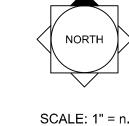
POD 6

Amenity Phases Plant Schedules

Port St Lucie, Florida

P23-121 PSLUSD No. 11-642-09B

Date	Ву	Description	
07.19.23	SAW	Initial Submittal	
08.24.23	SAW	Re-Submittal	
11.01.23	SAW	Re-Submittal	
11.16.23	SJS	Re-Submittal	

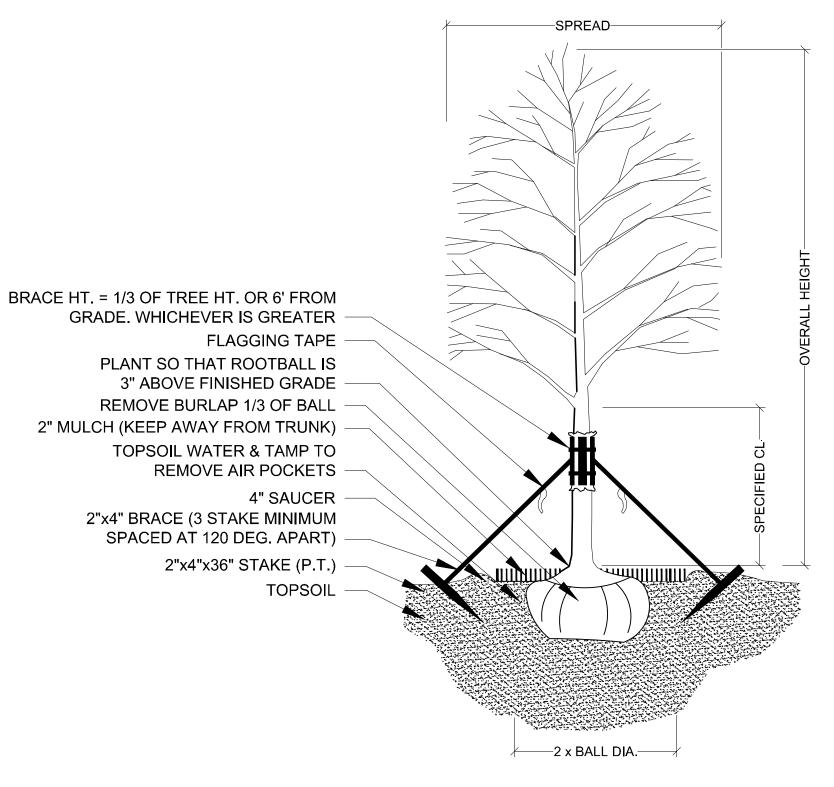


REG. # 1018

Thomas P. Lucido

Project Number Municipal Number P23-121

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SHRUB PLANTING

NOT TO SCALE

TOP OF ROOT

CURB

BARRIER 1" ABOVE

FINISHED GRADE

29" MIN DEPTH

(SEE SPEC.)

SPECIAL APPLICATIONS ROOT BARRIER DETAIL

2- ROOT BARRIER SHALL BE "BIO-BARRIER 29" DEPTH OR APPROVED EQUAL.

1- ROOT BARRIER SHALL BE INSTALLED WHEN ROOT BALL IS LOCATED WITHIN 8' OF PAVEMENT AND OR CURB.

3- ROOT BARRIER SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

ROOT BARRIER.

NOT TO SCALE

3" MULCH

POCKETS

FORM SAUCER W/ 4"

TOPSOIL MIX. WATER & TAMP TO REMOVE AIR

FINISHED GRADE 2"

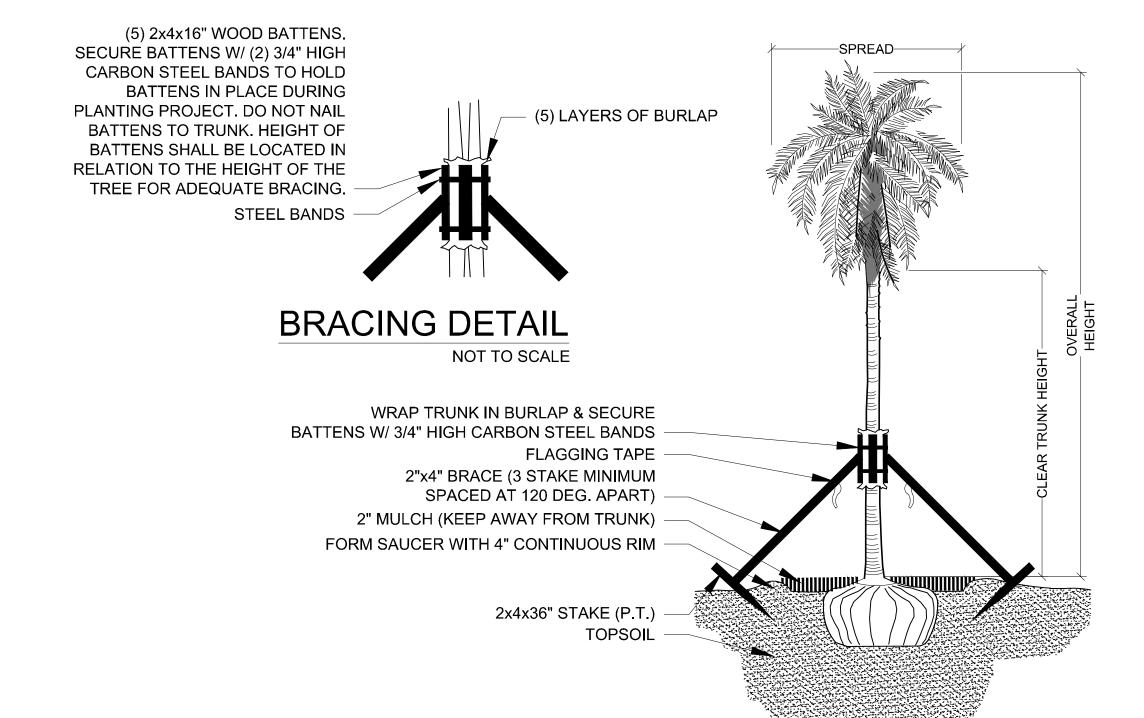
BELOW ADJACENT

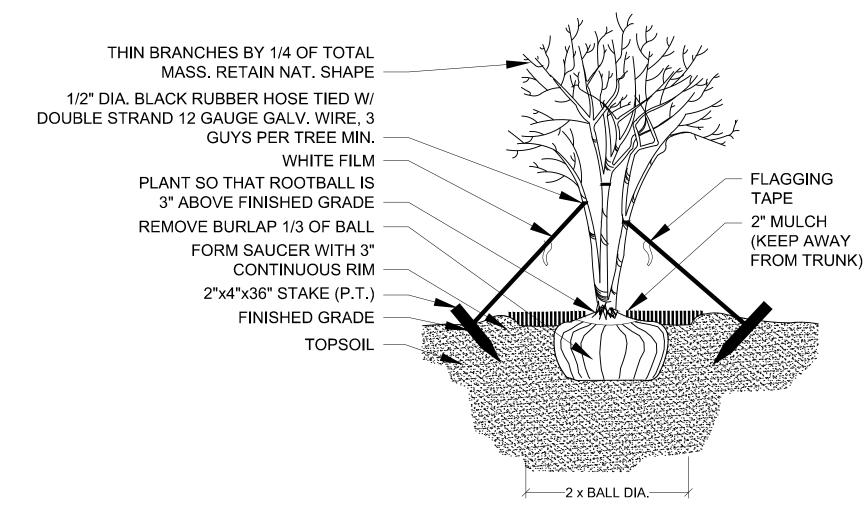
PAVEMENT

TOPSOIL

EXISTING SOIL

CONTINUOUS RIM





MULTI-TRUNK PLANTING & GUYING

TOPSOIL

DRAINAGE TESTING DETAIL

DRAINAGE TESTING/DRAINAGE

PRIOR TO PLANTING, ALL PLANTING PITS SELECTED FOR TESTING

A. DIG EACH PLANTING PIT TO THE MINIMUM SPECIFIED SIZE.

B. FILL PLANTING PIT WITH TWELVE INCHES (12") OF WATER. IF

THE WATER LEVEL DROPS FOUR (4") OR MORE WITHIN FOUR

CHANNEL IS NOT REQUIRED. IF THE WATER LEVEL DROPS LESS

THAN FOUR INCHES (4") WITHIN THE FOUR (4) HOUR PERIOD, A

(4) HOURS, THE DRAINAGE IS SUFFICIENT AND A DRAINAGE

WHERE REQUIRED, THE DRAINAGE CHANNEL MUST EXTEND

ALL MATERIAL REMOVED FROM THE DRAINAGE CHANNEL

WHEN BACKFILLING PLANTING PITS WITH NATIVE TOPSOIL, CARE MUST BE TAKEN TO KEEP THE CONSISTENCY OF THE

SOIL MIX THE SAME THROUGHOUT THE PLANTING PIT AND

DOWN THROUGH THE NON POROUS SOIL AND INTO POROUS

CHANNEL REQUIREMENTS.

SHALL BE TESTED IN THE FOLLOWING MANNER.

DRAINAGE CHANNEL IS REQUIRED.

SOIL. (SEE DETAIL)

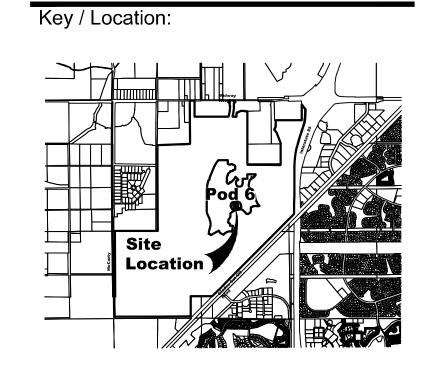
SHALL BE DISCARDED.

DRAINAGE CHANNEL

ROOTBALL

6" DIA. DRAINAGE DETAIL





N.T.S.

Project Team:

Client & **Property Owner:**

Land Planner /

NOT TO SCALE

NOT TO SCALE

K. Hovanian Southeast Florida Division, LLC 3601 Quantum Blvd. Boynton Beach, Florida 33426

Lucido & Associates **Landscape Architect:** 701 East Ocean Boulevard Stuart, Florida 34994

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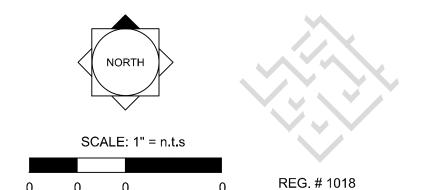
POD 6

Amenity Landscape Details

Port St Lucie, Florida

P23-121 PSLUSD No. 11-642-09B

Date	Ву	Description	
07.19.23	SAW	Initial Submittal	
08.24.23	SAW	Re-Submittal	
11.01.23	SAW	Re-Submittal	
11.16.23	SJS	Re-Submittal	



SG

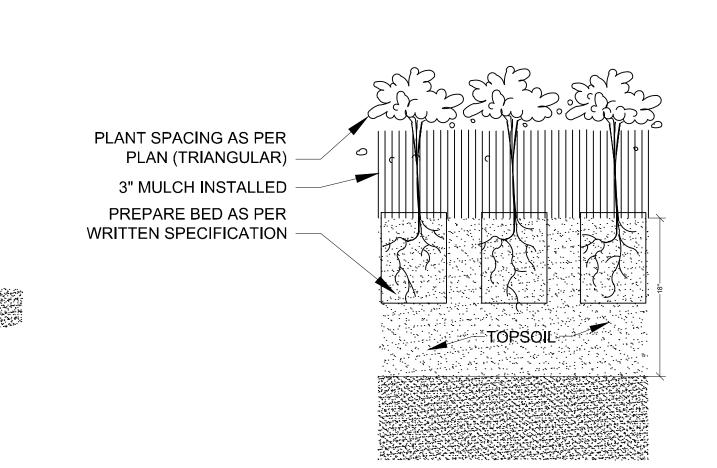
Project Number 22-471 Municipal Number P23-121 22-471 - POD 6 - Amenity Landscape Plan - Revised Pool & Spa.

Thomas P. Lucido

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TREE PLANTING & STAKING

NOT TO SCALE



GROUNDCOVER PLANTING DETAIL

29" MIN DEPTH

ROOT BARRIER.

TAMP SOIL ADJACENT TO

DIRECTLY THROUGH THE

ROOT BARRIERS TO

STABILIZE SO THAT

IRRIGATION FLOWS

(SEE SPEC.)

ROOT BALL.

LANDSCAPE AREA PREPARATION DETAIL

NOT TO SCALE

3" MULCH LAYER

TOPSOIL

3" POTTING SOIL (SHALL CONTAIN

40% ORGANIC MATERIAL)

FINAL GRADE AS SHOWN

EXISTING SUBGRADE

PAVEMENT

36" BELOW TOP OF CURB TO

 *TOPSOIL SHALL BE NATURAL, FRIABLE, FINE LOAMY SOIL POSSESSING CHARACTERISTICS OF REPRESENTATIVE TOPSOIL IN THE VICINITY OF THE PROJECT SITE THAT PRODUCES HEAVY GROWTH. TOPSOIL SHALL HAVE A PH RANGE OF 5.5-7.4, FREE FROM SUBSOIL, WEEDS, LITTER, SODS, CLAY, STONES, STUMPS, ROOTS, TRASH, HERBICIDES, TOXIC SUBSTANCES, OR ANY OTHER MATERIAL WHICH MAY BE HARMFUL TO PLANT

MEDIAN or LANDSCAPE ISLAND

-CURB BY OTHERS-

FOR GRAPHIC PURPOSES ONLY; SOIL PREPARATION SHALL APPLY TO ALL

THIS DETAIL SHOWN DEPICTS A MEDIAN AND/OR LANDSCAPE ISLAND AND IS

TREE, SHRUB, & GROUND COVER AREAS. THIS DOES NOT INCLUDE SOD AREAS

- GROWTH, OR HINDER PLANTING OPERATIONS. TOPSOIL SHALL CONTAIN A MINIMUM OF 3% ORGANIC MATERIAL.
- TOPSOIL MUST PERCOLATE WATER AT A RATE OF 1" PER HOUR (SEE ALSO DRAINAGE TESTING DETAIL FOR TREES) LANDSCAPE AREA SOILS SHALL BE APPROVED BY LANDSCAPE ARCHITECT/OWNER PRIOR TO PLANTING

├──2 x BALL DIA.

PALM PLANTING - ANGLE STAKE

ر مرکی ر

OF TREE PROTECTION AREA. SEE LANDSCAPE PLAN FOR FENCE ALIGNMENT.

CROWN DRIP LINE OR OTHER LIMIT

TREE PROTECTION FENCE: MINIMUM $\frac{1}{4}$ " DIAMETER NYLON OR POLY ROPE, YELLOW OR ORANGE . MUST BE 4' MINIMUM FROM GROUND & NOT ATTACHED TO GROUND.

2"x2"x6' STEEL POSTS OR APPROVED EQUAL.

TREE PROTECTION BARRICADE NOT TO SCALE

1- SEE LANDSCAPE PLAN FOR FENCE ALIGNMENT.

4- NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.

MAINTAIN EXISTING GRADE WITH IN TREE PROTECTION FENCE UNLESS OTHERWISE INDICATED

4"CROWN MIN.

or 2% MIN. SLOPE

PAVEMENT

3- NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.

NOT TO SCALE

GENERAL CONDITIONS

1.01 The landscape contract includes the supplying and planting of all trees, shrubs, vines, and ground cover together with all necessary labor, equipment, tools and materials needed for the successful completion, execution and maintenance of the landscape plans.

Grades and standards of plant materials to be used shall be true to name, size, condition and graded Florida #1 or better as stated in: Grades and Standards of Florida Plant Materials published by the State of Florida Department of Agriculture, Tallahassee, Florida.

SITE EXAMINATION:

The Landscape Contractor shall personally examine the site and fully acquaint him/herlself with all of the existing conditions in order that no mis-understanding may afterwards arise as to the character or extent of the work to be performed, and, additionally, in order to acquaint him/herself with all precautions to be taken in order to avoid injury to property or persons. No additional compensation will be granted because of any unusual difficulties which may be encountered in the execution or maintenance of any portion of the work.

ERRORS AND OMISSIONS:

The plant list is a part of the drawings and is furnished as a convenience. The plant list indicates the name, size and quantities of specific plant materials as called for and is located on the drawings. The Landscape Contractor is responsible for his/her own quantity count, and any discrepancy between drawings and plant list shall be considered as correct on the drawings.

- The Landscape Contractor shall not take advantage of errors or omissions in the specifications or contract drawings. Full instruction will be given if such errors are discovered. Upon the discovery of any discrepancies in, or omissions from the drawings or documents, or should the Landscape Contractor be in doubt as to their meaning, the Landscape Architect shall be notified and will determine the actions necessary to each query.
- If plans and specifications are found to disagree after the contract is awarded, the Landscape Architect shall be the judge as to which was intended.

EXECUTION OF THE WORK:

- The Landscape Contractor shall have his labor crews controlled and directed by a Foreman well versed in plant materials, planting methods, reading plans, and coordination between job and nursery in order to execute installation correctly and in a timely manner.
- The Landscape Contractor shall provide a competent English-speaking Foreman on the project at all times, who shall be fully authorized as the Contractor's agent on the work. The Foreman shall be capable of reading and thoroughly understanding the Plans, Specifications and other Contract Documents. If the Superintendent is deemed incompetent by the Landscape Architect, he (the superintendent) shall be immediately replaced.
- The Landscape Contractor shall be available for any meetings with the Owner and/or Landscape Architect during implementation of the job. Any additional work or changes required as a result of failure to communicate with the Owner or Landscape Architect during implementation will be the responsibility of the Landscape Contractor.

PROTECTION OF PUBLIC AND PROPERTY:

The Landscape Contractor shall protect all materials and work against injury from any cause and shall provide and maintain all necessary safeguards for the protection of the public. He shall be held responsible for any damage or injury to persons or property which may occur as a result of his fault or negligence in the execution of the work, i.e. damage to underground pipes or cables.

CHANGES AND EXTRAS:

The Contractor shall not start work on any changes or "extras" in the project until a written agreement setting forth the adjusted prices has been executed by the Owner and the Contractor. Any work performed on changes or "extras" prior to execution of a written agreement may or may not be compensated for by the Owner at his discretion.

1.08 **GUARANTEE:**

The Landscape Contractor shall furnish a written guarantee warranting all materials, workmanship and plant materials, except sod, for a period of 18 MONTHS from the time of completion and acceptance by the Landscape Architect and Owner. Sod shall be guaranteed to 90 calendar days after acceptance by the Landscape Architect and Owner. All plant material shall be alive and in satisfactory condition and growth for each specific kind of plant at the end of the guarantee period. The guaranteeing of plant material shall be construed to mean complete and immediate replacement with plant material of the same variety, type, size, quality and grade as that of the originally specified material. During the guarantee period it shall be the Landscape Contractor's responsibility to immediately replace any dead or unhealthy material as determined by the Landscape Architect. The guarantee will be null and void if plant material is damaged by lightning, hurricane force winds, or any other acts of God, as well as vandalism or lack of proper maintenance.

- At the end of the specified guarantee period, any plant required under this contract that is dead or not in satisfactory condition, as determined by the Landscape Architect, shall be replaced. The Landscape Contractor shall be responsible for the full replacement cost of plant materials for the first replacement and share subsequent replacement (s) costs equally with the Owner, should the replacement plant fail to survive.
- 1.09 CARE AND MAINTENANCE:
 - The Landscape Contractor shall be responsible for the care and maintenance of all plant materials and irrigation when applicable until final acceptance by the Owner or Landscape Architect.
- The Owner agrees to execute the instructions for such care and maintenance.

1.10

- It shall be the responsibility of the Landscape Contractor to protect all persons from injury and to avoid property damage. Adequate warning devices shall be placed and maintained during the progress of the work.
 - It shall be the contractor's responsibility to conform to all local, state, and federal safety laws and codes including the Federal Occupational Safety And Health Act (O.S.H.A.).

CONTRACTOR QUALIFICATION: 1.11

- The Owner may require the apparent contractor (s) to qualify him/herself to be a responsible entity by furnishing any or all of the
- A financial statement showing assets and liabilities of the company current to date. A listing of not less than (3) completed projects of similar scope and nature.
- Permanent name and address of place of business.
- The number of regular employees of the organization and length of time the organization has been in business under the present name.

INSURANCE AND BONDING: 1.12

- The contractor (s) shall submit proof of insurance for this job for the time period that the work is done. The minimum amount of insurance shall be \$300,000.00 per person and \$300,000.00 per aggregate or as required by owner and agreed to in the contract. The successful bidder shall be required to have this coverage in effect before beginning work on the site.
- The Owner shall have the right to require the Contractor to furnish bonds covering faithful performance of the Contract and payment obligations arising thereunder as stipulated in bidding requirements or specifically required in the Contract Documents on the date of execution of the Contract.
- PERMITS AND CERTIFICATES: 1.13
- All contractors shall secure and pay for all permits and certificates required for his/her class of work.

MARTERIALS

PLANT MATERIALS:

- A complete list of plants is shown on the drawings, including a schedule of quantities, sizes, and such other requirements deemed necessary. In the event discrepancies occur, the specifications on the drawings shall govern.
- Substitutions: Substitutions of plant materials or changes in size or spacing of materials will be permitted ONLY upon written authorization by the Owner or the Landscape Architect. If plant material is not of sufficient size to meet applicable codes, a letter of variance from the appropriate agency must be obtained by the Contractor prior to issuance of any change order. If material of smaller size is to be accepted, the quantity of material shall be increased, at no additional cost to the Owner, to meet the intent of the drawings.
- All plant materials shall have a habit of growth that is normal for the species and shall be healthy, vigorous and equal to or exceed the measurements specified in the plant list, which are the minimum acceptable sizes. Plants shall be measured before pruning with branches in normal position. Any necessary pruning shall be done at the time of planting.
- All plant materials shall be nursery grown, unless otherwise noted, Florida #1 or better and shall comply with all required inspections, grading standards and plant regulations as set forth by the Florida Department of Agriculture's Grades and Standards for Nursery Plants, most current addition and Grades and Standards for Nursery Plants, most current addition.
- Plants that do not have the normal balance of height and spread typical for the respective plant shall not be acceptable.
- The Landscape Contractor shall install each plant to display its best side. Adjustments may be required if plants are not installed properly and/or approved by the Landscape Architect at no additional cost to owner.

2.02 INSPECTION

> The Landscape Architect and Owner may inspect trees and shrubs at place of growth or at site before planting, for compliance with requirements for genus, species, variety, size and quality. The Landscape Architect and Owner retain the right to further inspect trees and shrubs for size and condition of balls and root systems, insects, injuries and latent defects, and to reject unsatisfactory or defective material at any time during progress of work. Rejected plant materials shall be immediately removed from project site.

2.03 PROTECTION OF PLANT MATERIALS:

Balled and burlapped plants (B & B) shall be dug with firm natural balls of earth of sufficient diameter and depth to encompass the fibrous and feeding root system necessary for full recovery of the plant. Balls shall be firmly wrapped with burlap similar materials and bound with cord, rope, or wire mesh. All collected plants shall be balled and burlapped.

Plants with broken, damaged or insufficient rootballs will be rejected.

- All plant material shall be protected from possible bark injury or breakage of branches. All plants transported by open trucks shall be adequately covered to prevent windburn, drying or damage to plants.
 - Plants which cannot be planted immediately on delivery to the site shall be covered with moist soil, mulch or other protection from the drying of wind and sun. All plants shall be watered as necessary by the Landscape Contractor until planted.

2.04

- All plant materials shall be stored on the site in designated areas, specified by the Landscape Architect or Owner's agent.

The Landscape Architect reserves the right to reject any plant materials not in conformance with these specifications.

No plant material shall be stored longer than seventy-two (72) hours unless approved by Landscape Architect and/or owner.

2.05

Trees moved by winch or crane shall be thoroughly protected from chain marks, girdling or bark slippage by means of burlap, wood battens or other approved methods. Battens shall NOT be attached to the tree with nails

All rejected material shall be immediately removed from the site and replaced with acceptable material at no cost to the Owner.

2.06

well as

Planting soil for all plantings shall consist of topsoil and be natural, friable, fertile, fine loamy soil possessing characteristics of representative topsoil in the vicinity of the project site that produces heavy growth. Topsoil shall have a PH range of 5,5-7,4, free from subsoil, weeds, litter, sods, clay, stones, stumps, roots, trash, herbicides, toxic substances, or any other material which may be harmful to plant growth, or hinder planting operations. Topsoil shall contain a minimum of 3% organic material. Topsoil must percolate water at a rate of 1" per hour (See also drainage testing detail for trees)

Landscape Area Preparation. The intent of this section is to ensure a healthy growing environment for all planting material in all landscaped areas. Landscape Contractor to examine existing soils prior to planting to ensure conformance to all definitions of "Topsoil" (seeLandscape Area Preparation Detail); In addition, a 3" layer of high organic (min 40%) potting soil shall be added to topsoil and mixed in at time of planting. East Coast Recycling Inc. is a recommended source for imported Topsoil (if needed) as the top 3" layer of potting soil.

Existing soils must meet all definitions of 'Topsoil' as described above in all planting areas throughout the site. If existing soils do not meet all definitions of Topsoil, please refer to the 'Landscape Area Preparation' detail. Examination may require existing soils to be tested by an accredited testing laboratory. Should a soil test be necessary, Contractor shall contact soil testing lab directly to confirm such lab's soil collection and transmittal protocol; all costs if any shall be borne by the Contractor. Contractor shall provide to Landscape Architect for review the results of the soil test if conducted. Contractor shall schedule an on-site meeting with Landscape Architect to review existing and/or imported soils prior to planting. The Landscape Area Preparation is the responsibility of the Landscape Contractor. He/she shall except all responsibility of planting soils and shall honor all guarantee items in section

- Commercial fertilizer shall comply with the state and local fertilizer laws. Nitrogen shall not be less than 40% from organic source. Inorganic chemical nitrogen shall not be derived from the sodium form of nitrate. Fertilizers shall be delivered to the site in unopened original containers, each bearing the manufacturer's guaranteed analysis. Any fertilizer that becomes caked or otherwise damaged shall be rejected.
- Thoroughly mixed 3 lbs. of commercial fertilizer to each cubic yard of planting soil.
- Tabletized fertilizer shall be Agriform planting tablets 20-10-5 formula, 21 gram or equal. All trees and shrubs shall be fertilized with tabletized fertilizer as follows. While backfilling plant holes, fertilizer tablets shall be equally spaced and placed adjacent to the ball mid-way in depth in accordance with the following rates:

1 gallon container 1 tablet 3 gallon container 2 tablets 5 gallon container 3 tablets

7 gallon container 5 tablets

Large tubs, wire baskets, grow bags, and balled and burlapped material shall have 1 tablet for each 1/2 inch of trunk diameter (measured 3 feet from ground) or for each foot of height or spread of larger shrub material. The Landscape Architect reserves the right to inspect and review the application of fertilizer.

MULCH:

- 2.08 Mulch material shall be clean, dry, free of weeds, seeds and pests, moistened at the time of application to prevent wind displacement.
- All trees and shrub beds shall receive 3" mulch immediately after planting and thoroughly watered. Apply 2" max on tree & palm rootballs, keep 6" away from tree & palm trunks or as required by local jurisdiction.

PART 3 EXECUTION

3.01 DIGGING: The Landscape Contractor shall exercise care in digging and other work so as not to damage existing work, including overhead wires, underground pipes and cables and the pipes and hydrants of watering systems. Should such overhead or underground obstructions be encountered which interfere with planting, the Owner shall be consulted and contractor will adjust the location of plants to clear such obstruction. The Contractor shall be responsible for the immediate repair of any damage caused by his work.

3.02 **GRADING**:

- Grading for drainage, swales, etc. to within 4 inches of the finished grade to be provided by others.
- It shall be the responsibility of the Landscape Contractor to provide the final grading during the course of landscape installation so as to bring sod and planting areas to their proper elevations in relation to walks, paving, drain structures, and other site conditions. The site grading plan must be checked prior to installation of sod to insure that drainage and other conditions will NOT be modified.

3.03 PLANTING:

- Planting shall take place during favorable weather conditions.
- The Contractor shall call for utility locates and ascertain the location of all utilities and easements so proper precautions can be taken not to damage or encroach on them.
- Tree Planting shall be located where it is shown on the plan. No planting holes shall be dug until the proposed locations have been staked on the ground by the Contractor. Excavation of holes shall extend to the required subgrades as specified on the planting diagrams located in the landscape plans. Plant
- pits shall be circular in outline and shall have a profile which conforms to the aforementioned "Tree and Shrub Planting Diagrams". A representative number of planting pits (a minimum of one in every 25 feet throughout the entire site) shall be tested for proper
- drainage. See Landscape Details for complete testing methods and requirements. Planting pits shall be excavated to the following dimensions and backfilled with Topsoil- see Landscape Area Preparation Detail; 1 Gallon material (1 gal.): 12" x 12" x 12" min.

3 Gallon material (3 gal.): 20" x 20" x 18" min. Lerio material (7 gal.): 30" x 30" x 24" min. Field grown material and trees: 1-1/2 times width of ball and depth of ball plus 12" min.

- No planting or laying of sod shall be initiated until the area has been cleaned of existing sod or other plant materials, rough grass, weeds, debris, stones etc. and the ground has been brought to an even grade, with positive drainage away from buildings and towards
- drain inlets and swales and approved by Landscape Architect or owner's rep. Each plant shall be planted in an individual hole as specified for trees, shrubs, and vines.

All plants shall be set to ultimate finished grade. No filling will be permitted around trunks or stems. All ropes, wire, stakes, etc., shall be removed from sides and top of the ball and removed from hole before filling in.

All flagging ribbon shall be removed from trees and shrubs before planting.

Excess excavation (fill) from all holes shall be removed from the site, at no additional expense to Owner.

All palms shall be backfilled with sand, thoroughly washed in during planting operations and with a shallow saucer depression left at the soil line for future watering's. Saucer areas shall be top-dressed two (2") inches deep with topsoil raked and left in a neat, clean

3.04 Remove dead and broken branches from all plant material. Prune to retain typical growth habit of individual plants with as much height and spread as possible in a manner which will preserve the plant's natural character.

Make all cuts with sharp instruments flush with trunk or adjacent branch, in such a manner as to insure elimination of stubs. Cuts made at right angles to line of growth will not be permitted.

Trees shall not be poled or topped.

Remove all trimming from site.

3.05 **GUYING:**

3.06

3.08

3.09

All trees over six (6') feet in height shall, immediately after setting to proper grade, be guyed with three sets of two strands, No. 12 gauge malleable galvanized iron, in tripod fashion. See Detail.

shall be fastened in such a manner as to avoid pulling crotches apart. Stake & Brace all trees larger than 12' oa. See detail. Stakes shall be 2" x 2" lumber of sufficient length to satisfactorily support each

Wires shall not come in direct contact with the tree but shall be covered with an approved protection device at all contact points. Wires

Turnbuckles for guying trees shall be galvanized or cadmium plated and shall be of adequate size and strength to properly maintain tight guy wires.

Each plant or tree shall be thoroughly watered in after planting. Watering of all newly installed plant materials shall be the responsibility

of the Landscape Contractor until final acceptance by the Landscape Architect.

Prior to installing any irrigation system components, the contractor shall obtain a water sample from the proposed water supply and conduct a particle size and count analysis on the sample using the services of a reputable lab certified in such analysis. Submit the test results to the owner/owner's representative for review and approval. Do not proceed further with system installation until given written approval to do so.

The Landscape Contractor shall sod all areas indicated on the drawings.

- It shall be the responsibility of the Landscape Contractor to fine grade all landscape areas, eliminating all bumps, depressions, sticks, stones, and other debris.
- The sod shall be firm, tough texture, having a compacted growth of grass with good root development. It shall contain no noxious weeds, or any other objectionable vegetation, fungus, insects, or disease. The soil embedded in the sod shall be good clean earth, free from stones and debris.
- Before being cut and lifted, the sod shall have been mowed at least three times with a lawn mower, with the final mowing not more than seven days before the sod is cut. The sod shall be carefully cut into uniform dimensions.
- 6-6-6 fertilizer with all trace elements is to be applied at the rate of 40 lbs. per 1,000 sq. ft. prior to laying sod.
- Solid sod shall be laid with closely abutting, staggered joints with a tamped or rolled, even surface.
 - The finished level of all sod areas after settlement shall be one (1") inch below the top of abutting curbs, walks, paving and wood borders to allow for building turf.
- If in the opinion of the Landscape Architect, top dressing is necessary after rolling, clean yellow sand will be evenly applied over the entire surface and thoroughly washed in.
- The Landscape Contractor shall remove all vegetation and rocks larger than (1") in diameter from areas to be seeded, scarify the area,
- then apply fertilizer at a rate of 500 lbs. per acre. Application: Argentine Bahia Grass seed- 200 Pounds per acre mixed with common hulled Bermuda seed- 30 lbs. per acre. All other
- seed mixtures shall be applied per the manufacturer's instructions.

Roll immediately after seeding with a minimum 500 pound roller, then apply straw mulch at the rate of 2,500 pounds per acre.

Apply fertilizer at the rate of 150 lbs. per acre 45-60 days after seeding.

CLEANING UP:

The contractor shall at all times keep the premises free from accumulations of waste materials or rubbish caused by his employees or work. He shall leave all paved areas "broom clean" when completed with his work.

MAINTENANCE: 3.10

> Maintenance shall begin immediately after each plant is installed and shall continue until all planting has been accepted by the Owner or Landscape Architect. Maintenance shall include watering, weeding, removal of dead materials, resetting plants to proper grades or upright positions, spraying, restoration of planting saucer and/or any other necessary operations.

Proper protection to lawn areas shall be provided and any damage resulting from planting operations shall be repaired promptly.

- Replacement of plants during the maintenance period shall be the responsibility of the Contractor, excluding vandalism or damage on the part of others, lighting, or hurricane force winds, until final acceptance.
- In the event that weeds or other undesirable vegetation become prevalent, it shall be the Contractor's responsibility to remove them. Trees or other plant material which fall or are blown over during the maintenance period will be reset by the Contractor at no additional expense to the Owner, the only exception being hurricane force winds.

COMPLETION, INSPECTION AND ACCEPTANCE: 3.11 Completion of the work shall mean the full and exact compliance and conformity with the provisions expressed or implied in the

Contractor. Inspection of work to determine completion of contract, exclusive of the possible replacement of plants, will be made by the Owner

and/or Landscape Architect at the conclusion of all planting and at the request of the Landscape Contractor.

shipping and identification tags & ribbons shall be removed from trees & shrubs immediately after planting.

All plant material shall be alive and in good growing condition for each specified kind of plant at the time of acceptance. The rating of each plant according to Florida Grades and Standards shall be equal to or better than that called for on the plans and in these Specifications at the time of final inspection and acceptance.

Drawings and in the Specifications, including the complete removal of all trash, debris, soil or other waste created by the Landscape

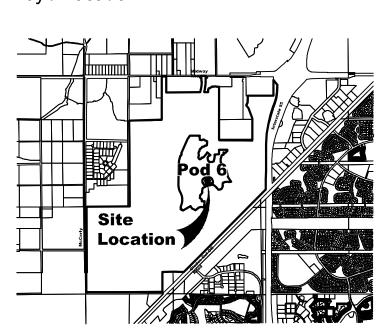
After inspection, the Landscape Contractor will be notified by the Owner of the acceptance of all plant material and workmanship, exclusive of the possible replacement of plants subject to guarantee.

All trees & shrubs shall be straight and in correct position per the landscape plans, details and specifications. All nursery,

lucido & associates

701 SE Ocean Blvd., Stuart, Florida 34994

Key / Location:



Project Team:

Property Owner:

K. Hovanian Client &

Southeast Florida Division, LLC 3601 Quantum Blvd.

Boynton Beach, Florida 33426

Land Planner / Lucido & Associates

Stuart, Florida 34994 Engineer: Kimley Horn And Associates

445 24th Street, Suite 200 Vero Beach, FL 32960 772-794-4067

Landscape Architect: 701 East Ocean Boulevard

Kimley Horn And Associates 445 24th Street, Suite 200 Vero Beach, FL 32960 772-794-4067

Wylder

Amenity Landscape Specifications

POD 6

Port St Lucie, Florida

P23-121

PSLUSD No. 11-642-09B

By Description

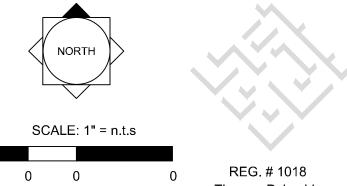
SAW Initial Submittal

08.24.23 SAW Re-Submittal

11.01.23 SAW Re-Submittal

11.16.23 SJS Re-Submittal

07.19.23



Thomas P. Lucido SJS Designer

SG Manager 22-471 Project Number Municipal Number P23-121 22-471 - POD 6 - Amenity Landscape Plan - Revised

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