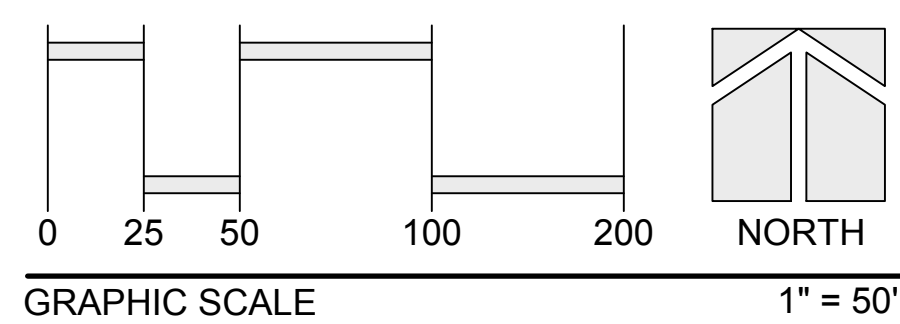


**LANDSCAPE KEY PLAN**  
See LP-8 for Standard Planting Details & Notes



**STRUCTURAL SOIL**  
STRUCTURAL SOIL SHALL BE USED UNDER ALL SIDEWALK AREAS WITHIN 15' OF TREE/PALM PLANTINGS (NOT ON ROOF DECK). CONTRACTOR SHALL SUBMIT MANUFACTURER'S SPECIFICATION PRIOR TO INSTALLATION.

- GENERAL STRUCTURAL SOIL SPECIFICATION**
- At least 50% of sand-size particles should be greater than 220 µm (M50 should be >220µm).
  - D60/D10 < 2.5 where:  
D60= sieve size through which 60% of sand passes  
D10= sieve size through which 10% of sand passes
  - Less than 4% (by weight) of soil is of clay-size particles. Clay size particle content should not be less than 2% or Cation Exchange Capacity of the mix.
  - The soil mix should contain less than 1% of particles > 2mm.
  - Organic matter content must be less than 5% (by weight).

- NOTE**
- Structural soil shall be used under all sidewalk pavement (concrete pavers, etc.) within 15' of trees/palms (in areas not on a roof deck).
  - Structural soil shall be at a min. 24" depth in these areas.

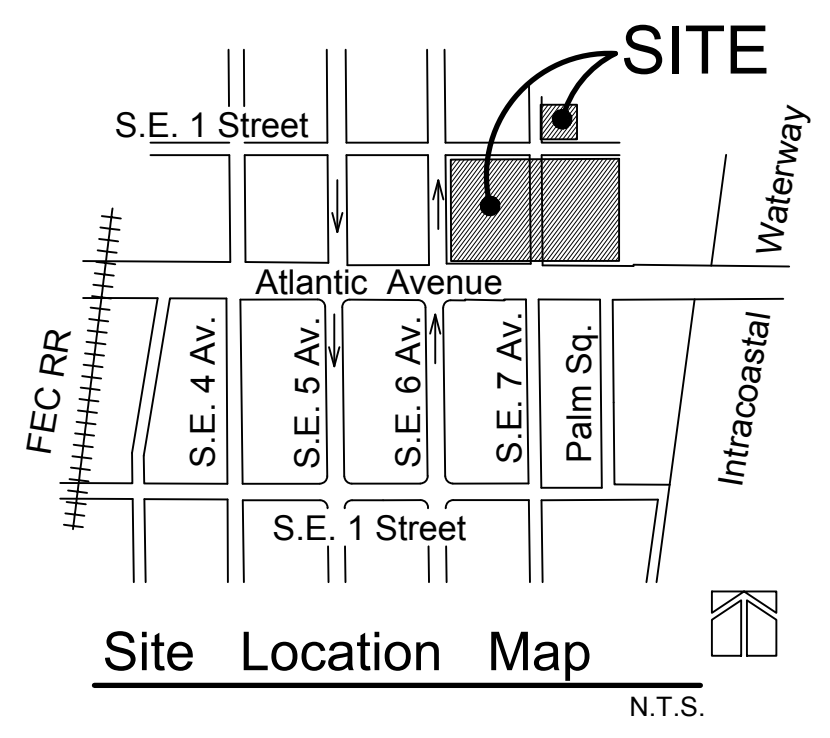
**Plant Key**

Quantity	Plan Symbol	Botanic Name / Common Name Specification	Degree of Drought Tolerance
92	AI	Alcantarea imperialis / Imperial Bromeliad 24-30" ht.	MOD
510	AN	Annuals / Seasonal Color - to be selected by season quantity noted is s.f. of each planting area	-
865	AP	Acalypha pendula / Dwarf Chenille Plant 10-12" spr., 15" o.c.	-
362	AS	Asparagus densiflorus "Myers" / Foxtail Asparagus Fern 10-12" spr., 15" o.c.	VERY
2	AW	Accolorrhaphis wrightii / Paurotis Palm 22-24" ht. x 8' spr., min. 8 main trunks	VERY
468	AZ	Alpinia zerumbet / Variegated Shell Ginger 24" o.a., 24" o.c.	VERY
10	BA	Bulnesia arborea / Verawood 16" ht. x 7' spr., 6" c.t., balanced branching	VERY
25	BS	Bromeliads in pot Owner's selection of bromeliad varieties in pot, see detail LP-7	-
44	CA	Crinum angustifolium / Queen Emma Lily 30" o.a.	VERY
125	CC	Chamaedorea cataractarum / Cat Palm 30-36" o.a., full	-
17	CE*	Conocarpus Erectus / Green Buttonwood 16" ht. x 7' spr., 6" c.t.	VERY
5	CG	Caesalpinia grandiflora / Bridalveil Tree 12" ht. x 5-6' spr.	VERY
386	CI*	Chrysobalanus icaco "Red Tip" / Red Tip Cocoplum 20" ht. x 12-15" spr., 24" o.c.	VERY
7	CL	Clerodendron thomsonae / Glory Bower (White) 5' ht., 7 gal.	VERY
16	CN	Cocos nucifera "Green Malayan" / Green Malayan Coconut Palm stagger hts. in ea. grouping 10-15' c.t.	VERY
4	CR	Coccothrinax crinita / Old Man Palm 5-6' o.a. ht.	VERY
4	CS*	Cordia Sebestena / Geiger Tree 10' ht. x 4-5' spr.	VERY
101	CV	Codiaeum variegatum / Croton (Variety to be selected) 24" ht. x 12-15' spr.	VERY
4	CU	Clusia guttifolia / Small Leaf Clusia 10' ht. x 4-5' spr.	VERY
30	CY*	Capparis cynophallophora / Jamaica Caper 4' ht., full	VERY
1	DR	Delonix regia / Royal Poinciana "Yellow" 18-20' ht. x 8-10' spr., 6" c.t., balanced branching	VERY
640	ES	Euphorbia milli "Short and Sweet" / Dwarf Thornless Euphorbia 6-8" ht. x 8-10" spr., 15" o.c.	VERY
1	FD	Filicium decipiens / Japanese Fern Tree 10' ht. x 5' spr.	VERY
22	FF	Furcraea foetida / Mauritius Hemp 36" o.a.	VERY
1475	FM	Ficus microcarpa "Green Island" / Green Island Fig 1215" spr., full, 24" o.c.	VERY
3	FR	Ficus repens / Climbing Fig 24" o.c., full	VERY
14	HR	Hibiscus rosa-sinensis / Hibiscus "Seminole Pink" 24" ht. x 12-15" spr.	MOD
896	IV*	Ilex vomitoria "Schilling's Dwarf" / Dwarf Yaupon 12-15" o.a./, 24" o.c.	VERY
1343	JV	Jasminum volubile / Wax Jasmine 12-15" o.a., 24" o.c.	VERY
6	LI	Lagerstroemia indica "Choctaw" / Pink Crepe Myrtle 16" ht. x 7' spr., 6" c.t.	VERY
40	LJ	Ligustrum japonicum / Japanese Privet 10-12" ht. x 5-6' spr., 5' c.t. tree form, min. 3 main trunks	VERY
9	MF*	Myriacanthus fragrans / Simpson's Stopper 10-12" ht. x 5-6' spr., 5' c.t. tree form, min. 3 main trunks	VERY

Quantity	Plan Symbol	Botanic Name / Common Name Specification	Degree of Drought Tolerance
1877	NE*	Nephrolepis exaltata / Dwarf Sword Fern 12-15" o.a., 24" o.c.	-
990	NG	Neoregelia "Green Apples" / Green Apples Bromeliad 6-8" ht., 12" o.c.	-
522	NP	Neoregelia "Petra" / Petra Bromeliad 6-8" ht., 12" o.c.	VERY
18	PD	Phoenix dattylifera "Medjool" / Medjool Date Palm 18' c.t., matched	VERY
23	PE	Phycosperma elegans / Alexander Palm 12-14' ht., double trunk	VERY
17	PI	Pimenta racemosa / Bay Rum 10-12' ht. x 6' spr.	VERY
32	PL	Psychotria ligustrifolia / Bahama Wild Coffee 15-20" ht. x 12" spr., 24" o.c.	MOD
9	PM	Ptychosperma macarthurii / Macarthur Palm 12-14' ht., min. 5 main trunks	MOD
76	PO	Podocarpus macrophyllus / Yew Podocarpus 36" ht. x 10-12" spr., 24" o.c.	MOD
1765	PP	Podocarpus "Pringles" / Pringles Podocarpus 8-10" o.a., 15" o.c.	MOD
18	PR	Phoenix roebelenii / Dwarf Date Palm 5-6' o.a., double trunk	VERY
2	PVL	Petrea volubilis / Queen's Wreath - Lavender 5' ht., 7 gal.	VERY
270	PX	Philodendron "Xanadu" / Xanadu Philodendron 12" o.a., full, 24" o.c.	VERY
39	QV1*	Quercus virginiana "Highrise" / Highrise Live Oak" 22-24" ht. x 8-10' spr., 6" c.t.	VERY
9	QVS*	Quercus virginiana / Specimen Live Oak collected specimens, 25-30' ht., character branching, submit photos	VERY
1	RA	Rhapis excelsa / Lady Palm 5' o.a., full	MOD
27	RE*	Roystonea elata / Royal Palm 20' g.w., matched	VERY
462	SE	Sadum "Florida Friendly Gold" / Gold Seum 12" o.a., 15" o.c.	VERY
7	SG*	Simarouba glauca / Paradise Tree 16' ht. x 7' spr., 6" c.t.	VERY
8	SL	Satakentia iliukiensis / Satakentia Palm 5-6' o.a.	-
18	SP*	Sabal palmetto / Cabbage Palm stagger hts. ea. grouping 14-20' c.t.	VERY
97	ST	Sansevieria trifasciata "Black Coral" / Bowstring Hemp 18" o.a., full pots	VERY
5	TJ	Trachelospermum jasminoides / Confederate Jasmine 4-6' ht., full. Fan runners and attach to wall with plastic anchors.	VERY
5	TP	Tabebuia impetiginosa / Purple Tabebuia 16' ht. x 7' spr., 6" c.t.	VERY
4	TR*	Thrinax radiata / Thatch Palm 5-6' o.a., double trunk	VERY
151	VA	Viburnum odoratissimum "Awabuki" / Mirror Leaf Viburnum 30" o.a., full	MOD
76	VA1	Viburnum odoratissimum "Awabuki" / Mirror Leaf Viburnum 5-6' ht. x 3' spr., full to ground	MOD
356	VS	Viburnum suspensum / Sandankwa 20" ht. x 12-15" spr., 24" o.c.	MOD
39	VW	Vectchia winin / Winin Palm 10-15' c.t.	VERY
29	ZF*	Zamia floridana / Coontie 15" o.a.	VERY

Drought tolerance is per "SFWMDC Xeriscap Plant Guide"  
PLAN QUANTITIES TAKE PRECEDENCE OVER THOSE NOTED ABOVE  
\* = Native to Florida  
Abbreviations:  
c.t. - clear trunk  
gal. - gallon  
g.w. - grey wood  
ht. - height  
o.c. - on-center spacing  
o.a. - overall  
spr. - spread

**NOTE**  
Copies of FDOT permits for landscape improvements within the FDOT right of way must be submitted to the city prior to the commencement of construction of said improvements.



Revisions	DATE	BY
12-17-15	SET	

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**Covelli Design Associates Inc.**  
Urban Planning • Landscape Architecture

**Landscape Plan**  
**Atlantic Crossing**  
Delray Beach  
Florida

Date	11-16-15
Scale	As Noted
PN#	1046

PREPARED BY  
Steven E. Tate, R.L.A.  
Landscape Architect #967  
State of Florida  
- for the firm -  
DATE

Drawing No.  
**LP-1**  
OF 8



