

See LP-2 for Landscape Calculation Form

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

GENERAL STRUCTURAL SOIL SPECIFICATION 1. At least 50% of sand-size particles should be greater than 220 μm

(M50 should be >220µm).

2. D60/D10 < 2.5 where: D60= sieve size through which 60% of sand passes

D10= sieve size through which 10% of sand passes 3. 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

4. The soil mix should contain less than 1% of particles > 2mm. 5. Organic matter content must be less than 5% (by weight).

NORTH

1" = 50'

GRAPHIC SCALE

1. Structural soil shall be used under all sidewalk pavement (concrete pavers,

etc.) within 15' of trees/palms (in areas not on a roof deck).

2. Structural soil shall be at a min. 24" depth in these areas.

Plant Key

Quantity	Plan Symbol	Botanic Name / Common Name Specification	Degree o Drought Tolerance
114	AA	Aechmea "Alvarez" / Variegated Aechmea 18" o.a., 24 " o.c., sun grown	-
93	Al	Alcantarea imperialis / Imperial Bromeliad 24-30" ht., sun grown	MOD
85	AN	Annuals / Seasonal Color - to be selected by season quantity noted is s.f. of each planting area	-
1012	AP	Acalypha pendula / Dwarf Chenille Plant 10-12" spr., 15" o.c.	-
906	AS	Asparagus densiflorus "Myers" / Foxtail Asparagus Fern 10-12" spr., 15" o.c.	VERY
2	AW	Acoelorrhaphe wrightii / Paurotis Palm 22-24' ht. x 8' spr., min. 8 main trunks	VERY
213	AZ	Alpinia zerumbet / Variegated Shell Ginger 24" o.a., full, 24" o.c.	VERY
12	ВА	Bulnesia arborea / Verawood 16' ht. x 7' spr., 6' c.t., balanced branching	VERY
32	BS	Bromeliads in pot Owner's selection of bromeliad varieties in pot, sun grown, see detail LP-7	-
61	CA	Crinum procerum splendens / Queen Emma Lily 30" o.a.	VERY
130	СС	Chamaedorea cataractarum / Cat Palm 30-36" o.a., full, with suckers	-
13	CE*	Conocarpus Erectus / Green Buttonwood 16' ht. x 7' spr., 6' c.t.	VERY
5	CG	Caesalpinia granadillo / Bridalveil Tree 12' ht. x 5-6' spr.	VERY
417	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
25	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
3	CS*	Cordia Sebestena / Geiger Tree 10' ht. x 4-5' spr.	VERY
77	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 to ground	VERY
1	DR	Delonix regia / Royal Poinciana "Yellow" 18-20' ht. x 8-10' spr., 6' c.t., balanced branching	VERY
1005	ES	Euphorbia millii "Short and Sweet" / Dwarf Thornless Euphorbia 6-8" ht. x 8-10" spr., 15" o.c.	VERY
5	FD	Filicium decipiens / Japanese Fern Tree 10' ht. x 5' spr., standard	VERY
28	FF	Furcraea foetida / Mauritius Hemp 36" o.a.	VERY
1730	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
636	IV*	Ilex vomitoria "Schillings Dwarf" / Dwarf Yaupon 12-15" o.a./, 24" o.c.	VERY
1581	JV	Jasminum volubile / Wax Jasmine 12-15" o.a., 24" o.c.	VERY
27	LJ	Ligustrum japonicum / Japanese Privet 10-12" ht. x 5-6' spr., 5' c.t. tree form, min. 3 main trunks	VERY
9	MF*	Myriacanthes 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
1732	NE*	Nephrolepis exaltata / Dwarf Sword Fern 12-15" o.a., 24" o.c.	-
560	NG	Neoregelia "Green Apples" / Green Apples Bromeliad 6-8" ht., 12" o.c., sun grown	-
472	NP	Neoregelia "Petra" / Petra Bromeliad 6-8" ht., 12" o.c., sun grown	VERY
24	PD	Phoenix datylifera "Medjool" / Medjool Date Palm 18' c.t., matched, classic cut	VERY
26	PE	Ptychosperma elegans / Alexander Palm 12-14' ht., heavy double trunks	VERY
16	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
35	РО	Podocarpus macrophyllus / Yew Podocarpus 36" ht. x 10-12" spr., 24" o.c.	MOD
2281	PP	Podocarpus "Pringles" / Pringles Podocarpus 8-10" o.a., 15" o.c.	MOD
19	PR	Phoenix roebelenii / Dwarf Date Palm 5-6' o.a., double staggered ht. trunks	VERY
2	PVL	Petrea volubilis / Queen's Wreath - Lavender 5' ht., 7 gal.	VERY
185	PX	Philodendron "Xanadu" / Xanadu Philodendron 12" o.a. , full, 24" o.c.	VERY
42	QV1*	Quercus virginiana "Highrise" / Highrise Live Oak" 22-24' ht. x 8-10' spr., 6' c.t.	VERY
4	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
567	SE	Sedum "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 liukiuensis / Satakentia Palm 5-6' o.a.	-
34	SP*	Sabal palmetto / Cabbage Palm stagger hts. ea. grouping 14-20' c.t., or c.t. as noted on plan	VERY
5	TJ	Trachelospermum jasminoides / Confederate Jasmine 4-6' ht., full. Fan funners and attach to wall with plastic anchors.	VERY
5	TP	Tabebuia impetiginosa / Purple Tabebuia 16' ht. x 7' spr., 6' c.t.	VERY
1	TR*	Thrinax radiata / Thatch Palm 5-6' o.a., double trunk	VERY
110	VA	Viburnum odoratissimum "Awabuki" / Mirror Leaf Viburnum 30" o.a., full	MOD
78	VA1	Viburnum odoratissimum "Awabuki" / Mirror Leaf Viburnum 5-6' ht. x 3' spr., full to ground	MOD
476	VS	Viburnum suspensum / Sandankwa 20" ht. x 12-15" spr., 24" o.c.	MOD
35	VW	Veitchia winin / Winin Palm 10-15' c.t., heavy trunk	VERY
39	ZF*	Zamia floridana / Coontie 15" o.a.	VERY
-	SOD	Stenotaphrum secundatum / St. Augustine "Floratam" solid sod, s.f. noted is approx., contractor to verify in field	-
		•	- 1

* = Native to Florida Abbreviations:

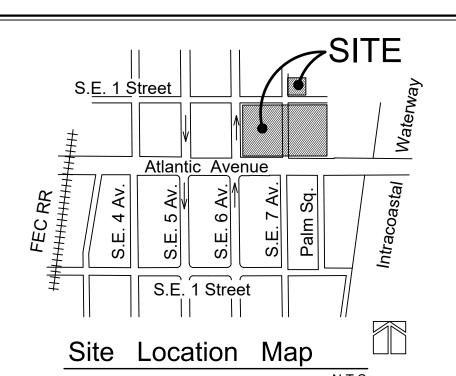
ht. - height o.c. - on-center spacing o.a. - overall spr. - spread c.t. - clear trunk

PLANT KEY NOTES

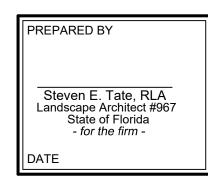
- Contractor is responsible to verify all plant quantities and contact Landscape Architect if discrepancy exists.
 Drought tolerance is per "SFWMD Waterwise South Florida Edition" as applicable.

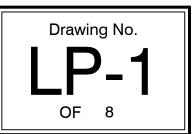
NOTE

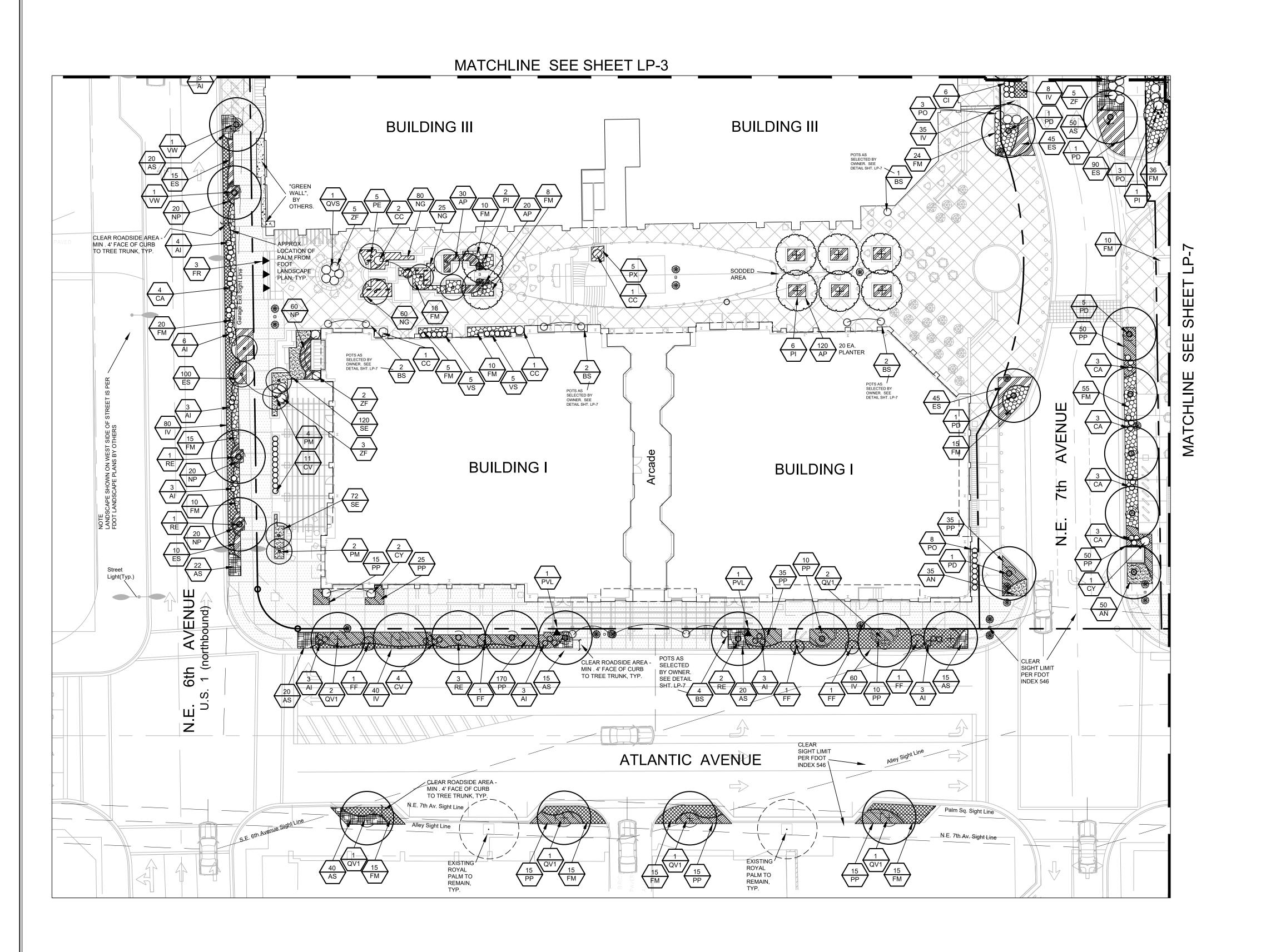
Copies of FDOT permits for landscape improvements within the FDOT right of way must be submitted to the city prior to the commencement of construction of said



Plan Landscape Atlantic Delray Beach









A. TOTAL LOT AREA

401,750 s.f.

B. STRUCTURES, PARKING WALKWAYS, DRIVES, ETC. 359,233 s.f.

C. TOTAL PERVIOUS LOT AREA

42,512 s.f.

D. AREA OF SHRUBS & GROUNDCOVERS REQUIRED 12,755 s.f. (30% of "C")

E. AREA OF SHRUBS & GROUNDCOVERS PROVIDED

32,943 s.f.

F. NATIVE VEGETATION REQUIRED 3,188 s.f. (25% of "D")

G. NATIVE VEGETATION PROVIDED

9,469 s.f.

H. TOTAL PAVED VEHICULAR USE AREA

44,926 s.f.

I. TOTAL INTERIOR LANDSCAPE AREA REQUIRED 4,493 s.f. (10% of "H")

J. TOTAL INTERIOR LANDSCAPE AREA PROVIDED

K. TOTAL INTERIOR SHADE TREES REQUIRED 36

L. TOTAL INTERIOR SHADE TREES PROVIDED

M. TOTAL L.F. SURROUNDING PARKING OR VEHICULAR USE AREA

N. TOTAL NUMBER OF PERIMETER TREES REQUIRED 22 (540/25)

O. TOTAL NUMBER OF PERIMETER TREES PROVIDED

P. TOTAL NUMBER OF EX. TREES TO BE SAVED ON SITE

Q. TOTAL NUMBER OF NATIVE TREES REQUIRED

29 (50% of total required trees)

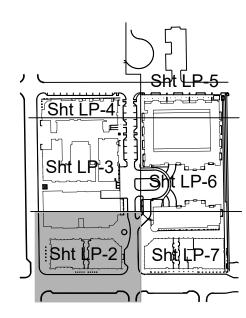
R. TOTAL NUMBER OF NATIVE TREES PROVIDED

S. TOTAL NUMBER OF OF TREES ON PLAN PROVIDED

232

1" = 20'

GRAPHIC SCALE



Sheet Key

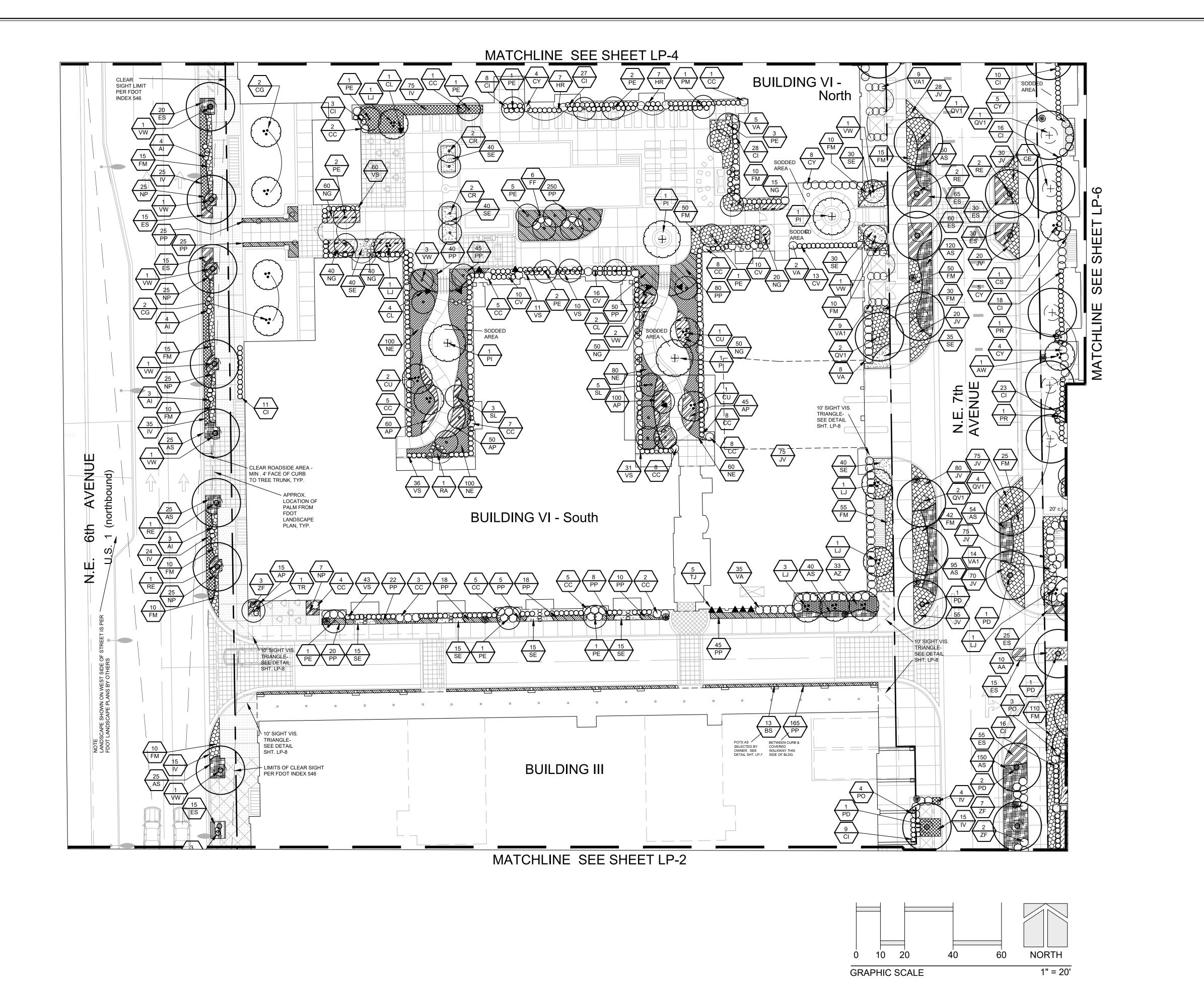
ents dated May 8, 2017 05-10-201

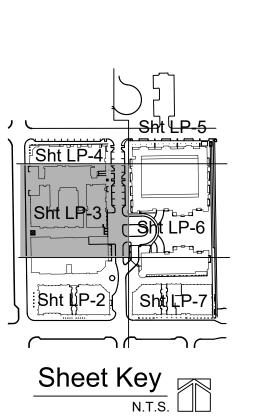
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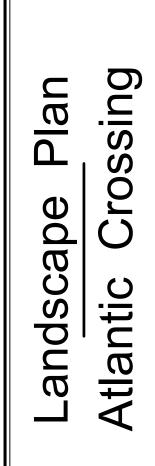
06-25-13 1"=20' Scale PN#



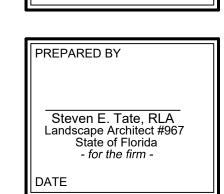
Drawing No.



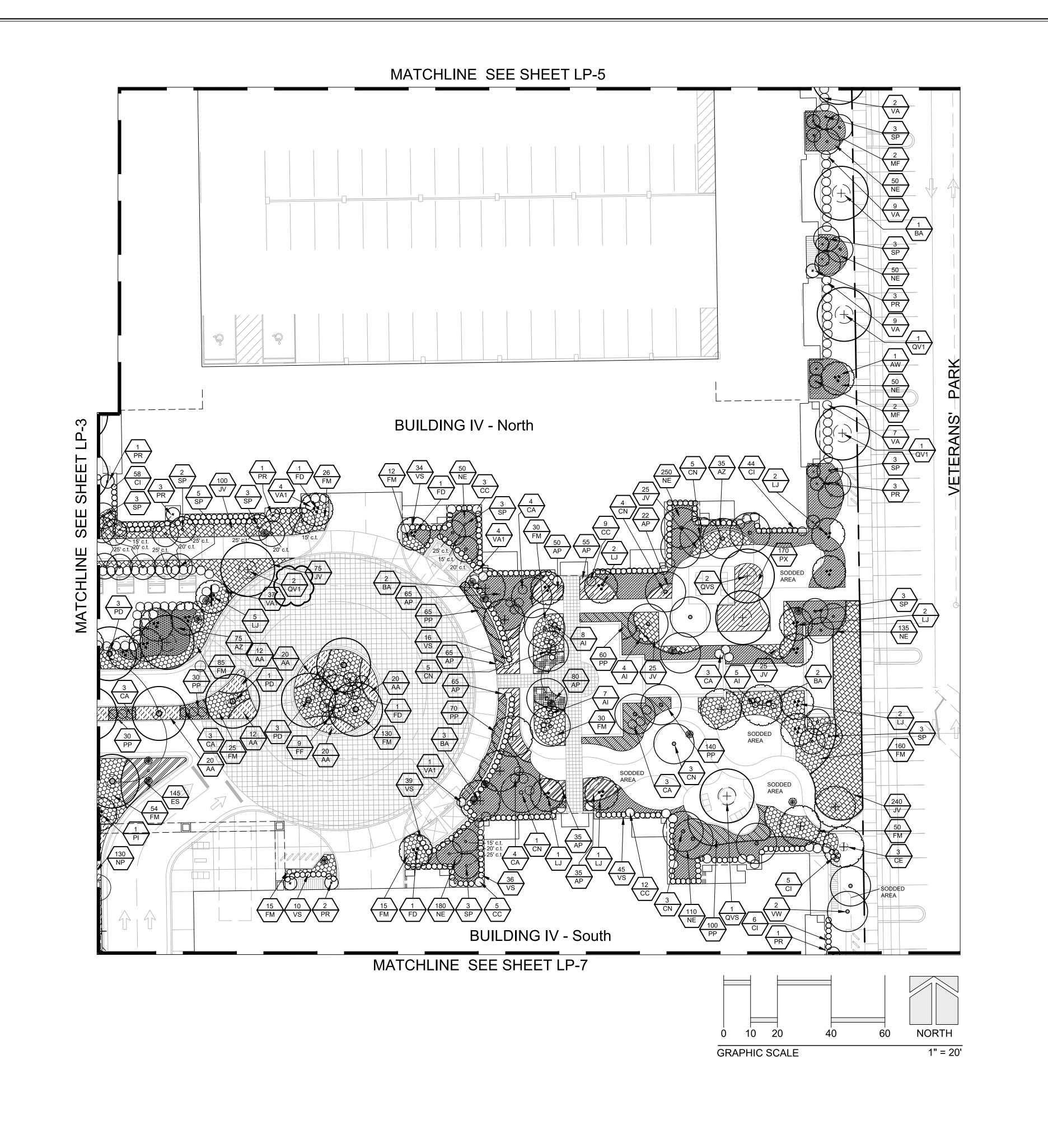


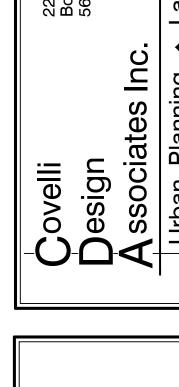


Date 11-16-15 Scale 1"=20' PN# 1046



Drawing No.
LP-3
OF 8

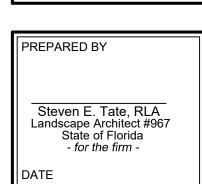




Landscape Plan
Atlantic Crossing

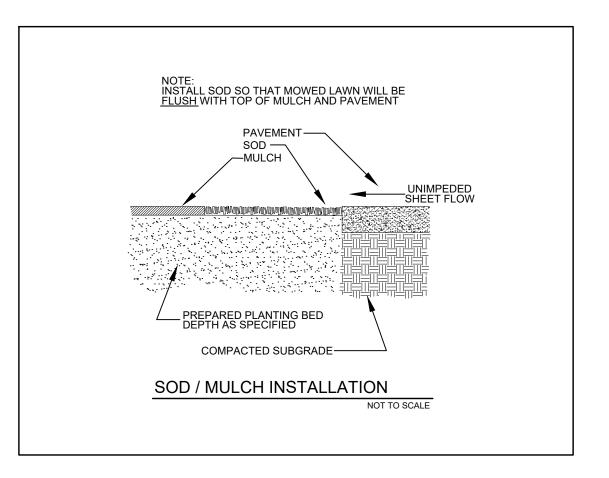
Delray Beach Florida

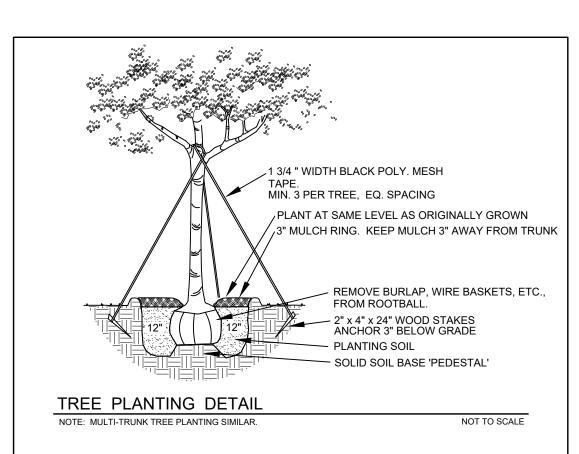
Date 06-25-13 Scale 1"=20' PN# 1046

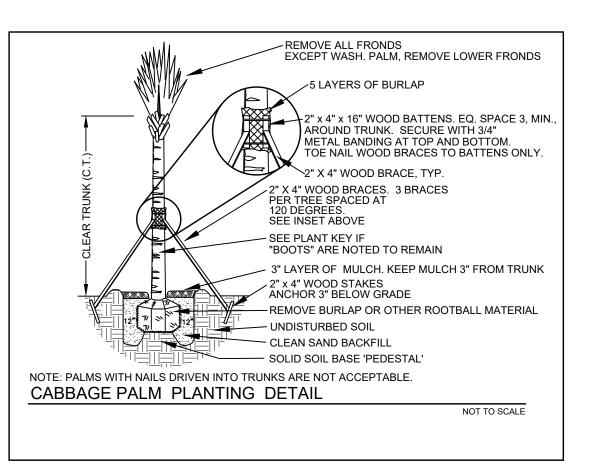


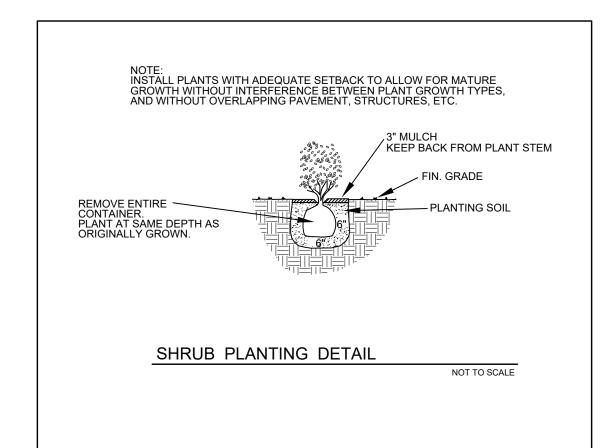
Drawing No.
LP-6
OF 8

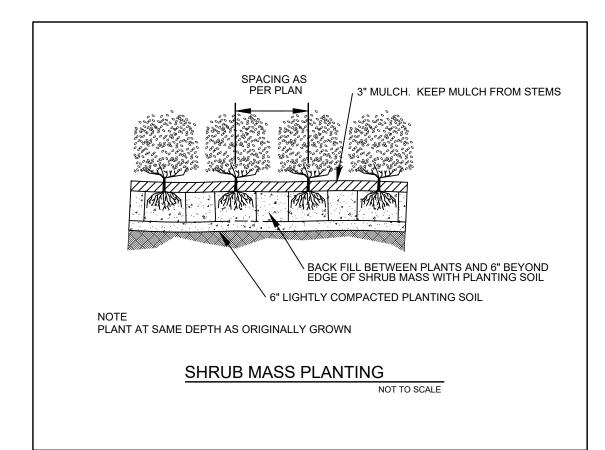
Sheet Key

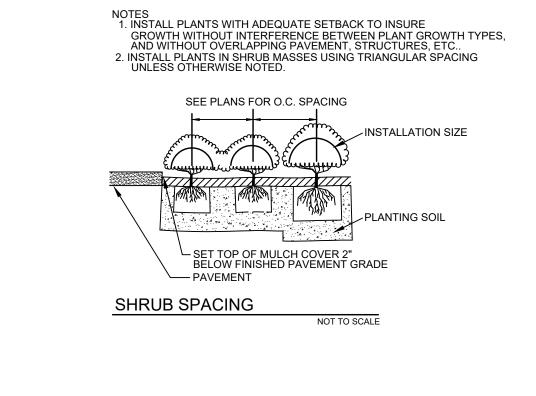












NOTE

NO CONSTRUCTION STORAGE

• NO ROOTS SHALL BE LEFT EXPOSED.

• COMPLETELY SURROUND TREE

OR GROUP OF TREES WITH

OUTSIDE OF DRIP LINE

NOT TO SCALE

CONSTRUCTION BARRICADE

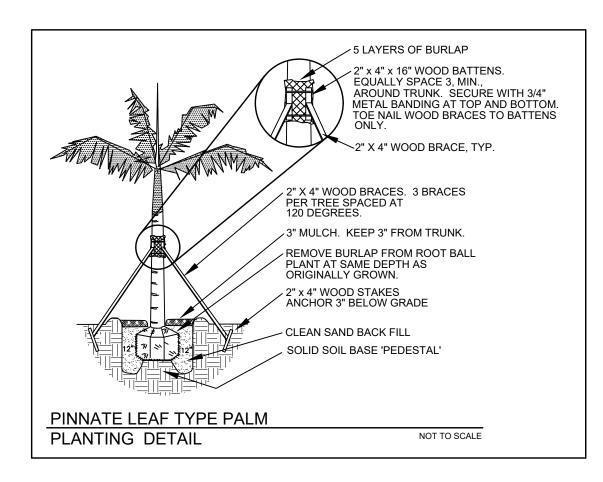
EXISTING TREES

OR ACTIVITY SHALL TAKE PLACE WITHIN FENCE SURROUNDING

STEEL FENCE POST OR

REINFORCING ROD.

ORANGE PLASTIC MESH FENCING



NOTES: 1. THIS DISTANCE SHALL BE 10' MINIMUM FROM ALL CITY FACILITIES

TYPICAL TREE WITHOUT ROOT BARRIER LD 1.2

IF NO ROOT BARRIER IS USED.

Any trees or shrubs placed within water,

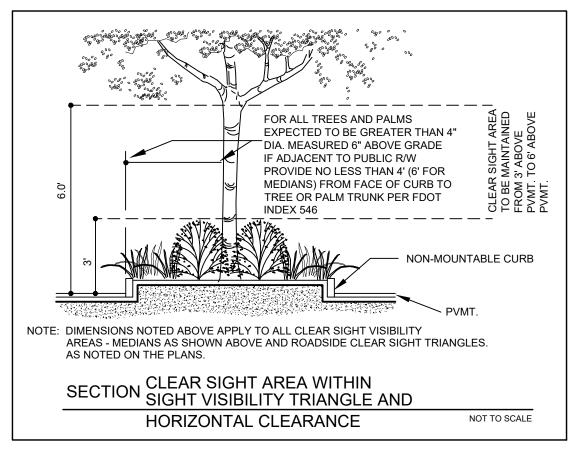
CITY FACILITIES

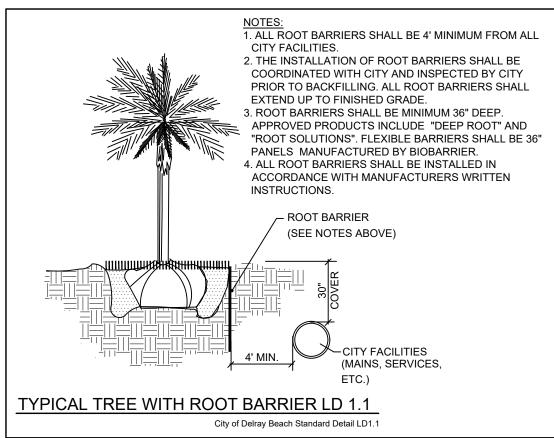
City of Delray Beach Standard Detail LD1.2

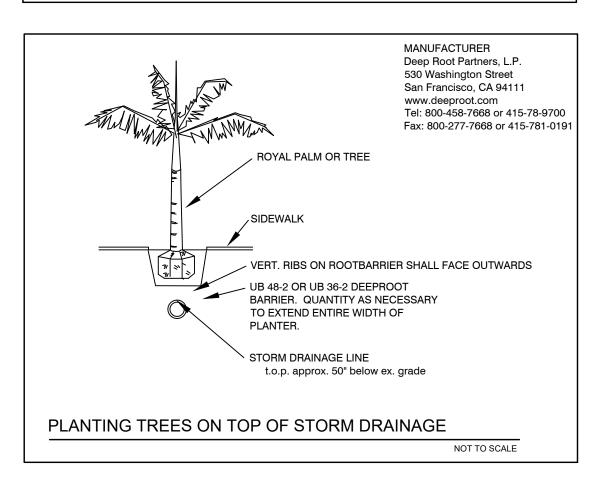
sewer, or drainage easements shall

Standard Details LD 1.1 and LD 1.2

conform to City of Delray Beach



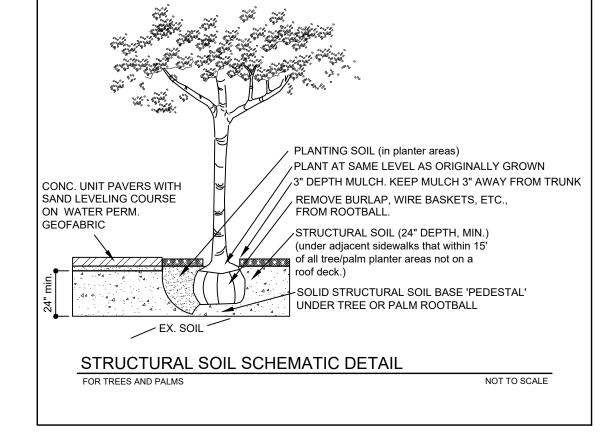


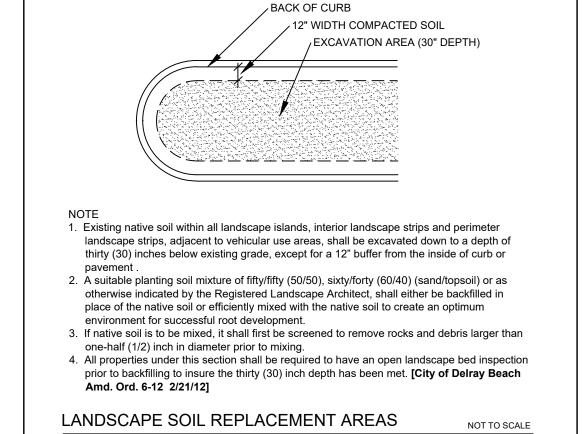


TEMPORARY CONSTRUCTION

BARRICADE







WITHIN OR ADJACENT TO VEHICULAR USE AREAS

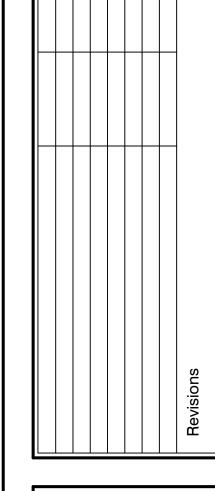
Standard Landscape Notes (See note regarding Structural Soil, LP-1)

- All landscape and specifications shall meet or exceed the minimum requirements as provided by the City of Delray Beach Land Development Code.
- 2. All planting material shall meet or exceed Florida Grade #1 as specified in Grades and Standards for Nursery Plants, current edition.
- 3. All sizes shown for plant material on the plan are to be considered as minimums. 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 will also be required for acceptance.
- as noted on the plan will also be required for acceptance.4. Landscape shall be placed to edge of abutting ROW, canals, lakes or other lands.
- 5. All mechanical equipment, air conditioning, irrigation pump stations and equipment, fpl transformers, pool pumps, etc. must be screened on three (3) sides by landscape shrubs. Note: the quantity of screening shrubs may be in addition to the required number of shrubs as provided in the code calculation table. All screening shrubs shall be planted for proper operation of equipment being screened and/or per the requirements of the utility as necessary.
- 6. Guying/staking practices shall not permit nails, screws, wires, etc. to penetrate outer surfaces of trees, palms or other planted material. Trees, palms and plant material will be rejected due to this practice.
- 7. Burlap material, wire cages, plastic/canvas straps, etc. must be cut and removed for the top one-half (1/2) depth of the root ball. Trees and shrubs grown in grow bags or grow bag type material must have such material removed entirely prior to planting the tree or shrub.
- 8. All plant material shall be free of pests, insects, disease, weeds, etc.
- 9. All plant material shall be planted at the proper depths, as originally grown and/or so the top of the root ball is flush or slightly above finished grade immediately after planting. All trees should provide trunk taper when properly planted at the correct planting depth.
- 10. All plant material shall be watered in at time of planting to eliminate air pockets in the root zone area.
- 11. Upon completion of work, the site shall be cleared of all debris, superfluous materials, and equipment caused by this
- 12. All landscaped areas shall be provided with an underground fully automatic irrigation system using pop-up sprinklers. System shall provide 100% coverage with a 75% overlap (minimum) using rust-free water, except any preserved areas remaining in natural state. A rain sensor device or switch shall be installed that will override the irrigation system when adequate rainfall has occurred. Water shall not be directed and/or provided onto impervious surfaces and/or be designed or installed to throw water over an impervious surface such as a sidewalk, etc. Hours of operation for all irrigation systems shall be limited to 5:00 p.m. to 8:00 a.m. only or as may be further restricted by South Florida Water Management District or other jurisdictional agency.
- 13. All plant material and work shall be guaranteed for one-year from date of final job acceptance. During the one year guarantee, any plant material that dies or is in an unhealthy condition shall be replaced with the same plant type at least equal to the size and quality originally specified. The replacement material shall also be guaranteed for one year from the date of its installation. The guarantee will be null and void if plant material is damaged or killed by lightning, hurricane force winds, hail or freeze.
- 14. The landscape contractor is responsible for verifying there are not conflicts with above or below ground utilities prior to commencing landscape installation. Notify owner if conflicts
- 15. Any trees to remain shall be pruned in such a way to promote
- proper horticultural and natural tree growth.

 16. All trees and palms shall be placed a minimum of 10' from underground utilities. See detail this sheet.
- 17. Ground covers shall be spaced as noted or to insure ground cover within 6 months of planting.
- 18. Place sod on smooth sod bed. Remove any rocks and other debris prior to sodding. Sod shall be placed so there are no gaps or voids between pieces. on slopes place sod at 90ø to slope direction. Stake sod or otherwise ensure its establishment on slopes.
- 19. Mulch shall be eucalyptus or melaleuca mulch. All trees in sod areas are to have a 30" ring covered with a 3" layer of mulch. Cover all shrub beds with a 3" layer of mulch. Mulch shall not touch trre, palm or shrub trunks or stems.
- 20. All plant material shall be fertilized with a tablet form balanced fertilizer containing minor elements. Follow manufacturer's recommendations for rates. sod areas shall be fertilized with a granular form balanced fertilizer with minor elements following manufacturer's recommendations for rates.
- 21. Planting soil shall be a mix of 1/3 native soil, 1/3 clean sand & 1/3 peat. If native soil is unacceptable, contact landscape architect.
- 22. Reinforced concrete curbing at least 6" in height shall be provided around all landscape islands and as a separator between all landscape areas that are adjacent to vehicular use areas unless such curbing will interfere with the drainage the drainage.
- 23. The landscape irrigation system shall utilize reclaimed water ,when available, from one master meter located at the property line. Coordinate location and service with the City of Delray Beach Public Utilities Department.

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Design
A ssociates Inc.

ovelli

andscape Details & Notes
Atlantic Crossing

Delray Beach
Florida

Date 06-25-13 Scale As Noted PN# 1046

Steven E. Tate, RLA Landscape Architect #967 State of Florida - for the firm -

PREPARED BY

