

City of Delray Beach, Florida -

Tree Removal and Tree Replacement Guidelines: (The Following Shall Apply Pursuant To "City of Delray Beach Land Development Code - Landscape Regulations (Section 4.6.16(D)(2)(a) -"Preservation and Promotion of Existing Plant Communities"; and Section 3.4.6(G) "Tree Removal Permits"); and Are Reflected Upon These Tree Disposition/ Mitigation Plans and the "Landscape Planting Plans" Accordingly. The Owner and/ or Contractor Shall Follow The Tree Replacement and Protection Guidelines, Within These Notes, As Well As The Aforementioned Codes.)

General Conditions/ Pre-Clearing Inspections: A Pre-Clearing Inspection Is Required Prior To The Initial Removal or Alteration of Any Vegetation In Order To Assure Proper Compliance With The Permit Conditions. A Post-Clearing Inspection is Required Prior to Issuance of The Final Certificate of Occupancy. All Native Vegetation Outside of The Development Area Shall Be Maintained In Place As Outlined On The Tree Disposition Site Plans.

Tree Protection Note: Contractors Shall Use Caution During Construction To Avoid Damaging Any Existing Trees Listed As To Remain. (1) Barriers Shall Enclose Area Inside The Outer Edge of Dripline; (2) Tree Protection Barrier Shall Be Conspicuous and High Enough To Be Easily Seen By Any Equipment Operators; (3) All Tree Protection Barrier Shall Be Constructed of Sturdy Scrap Wood (Four by Four Stock), or Other Sturdy Material (No Flagging or Ribbon Type Fencing Shall Be Allowed); (4) All Tree Protection Barriers To Be Completely Removed From Site At The End of Construction Period (Immediately Prior To Issuance of 'Certificate of Occupancy By The City of Delray Beach Building Department) Unless Otherwise Stipulated.

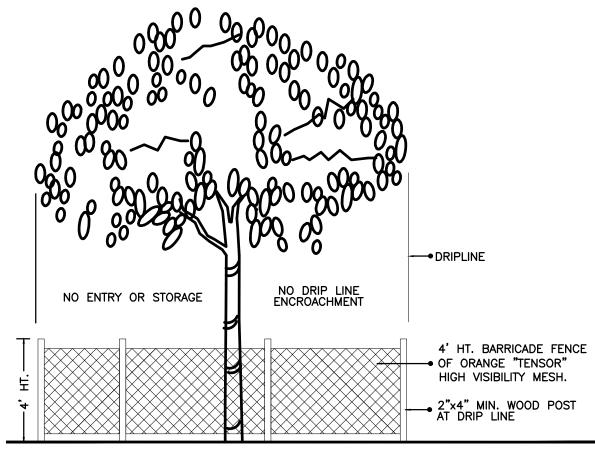
<u>Methodology of Tree Removals:</u> No Heavy Equipment or Machinery Shall Be Used, Nor Shall Any Construction Activities or Grade Changes Occur Within The Radius of The Drip Line of Native Trees Which Shall Be Preserved In Place, Unless Specifically Approved In Writing By The City of Delray Beach and/ or the Landscape Architect. Use of Any Chemical Treatments Shall Have Prior Approval By The City of Delray Beach and the Landscape Architect Before Application. All Prohibited Species and/ or Invasive Species Shall Be Removed as Indicated Within The Limits of Contract Area or Property To Be Developed Accordingly, as per The City of Delray Beach's Land Development

Tree Locations/ Tree Removals and Tree Replacement <u>Calculations:</u> Trees That Are To Be Removed Must Be Mitigated For According To The Tree Canopy Credits Guidelines (Section 3.4.6(G) and Section 4.6.16(D)(1)(d) of The City of Delray Beach Land Development Code).

Maintenance and Monitoring Requirements: The Permit Holder Shall Be Responsible For Maintaining The Health of Any Replacement and/ or Relocated Trees For A Min. of One Year From Planting. Throughout The Monitoring Period, The Permit Holder Shall Maintain a (100%) Survivorship Rate For All Installed Replacement Trees. If During The Monitoring Periods, The Survival Rate of Any of The Plants Drops Below The Required Level, The Permit Holder Shall Have (15) Days To Plant A Sufficient Number of Additional Trees So As To Maintain The Required Survival Rate.

Tree Replacement Bond Requirement: Bonds May Be Required By The City of Delray Beach For Tree Removal and/ or Tree Replacement Permits. Calculations For The Amount of Bonds For Non-Mature Trees Shall Be Computed Based Upon The Equivalent Canopy Replacement Criteria Applied To Each Tree To Be Relocated or Replaced and Upon The Cost of Installation and Maintenance. Determination of the Bond Amount For Mature Trees Shall Be Computed Based Upon The Most Current Version of the Guide For Plant Appraisal, Published By The International Society of Arboriculture. The Fair Market Value of the Cost of Trees That Would Be Required To Compensate For The Canopy To Be Relocated or Replaced Shall Be Posted.

SEE SHEET L-3 FOR TREE DISPOSITION CHART AND NOTES, AND SHEETS L-4 AND L-5 FOR LANDSCAPE PLAN.



TREE PRESERVATION BARRICADE FENCING DETAIL



REV:	DATE:	COMMENT:	BY:



SITE PLAN **ENTITLEMENTS**

PROJECT No DRAWN BY: CHECKED BY: DATE: MAT 08-16-19 TREE DISPOSITION PLAN

LANDROVER OF **DELRAY BEACH**

AUTONATION

DELRAY BEACH,

FLORIDA



1000 CORPORATE DRIVE, SUITE 250 FORT LAUDERDALE, FL 33334 PH: (954) 202-7000 FX: (954) 202-7070 www.ThomasEngineeringGroup.com



TREE DISPOSITION **PLAN**

SHEET NUMBER:

$\overline{}$	Quercus virginiana	Live Oak	30	20	314	15	45%	remove			
$\overline{}$	Quercus virginiana	Live Oak	50	30	707	20	45%	remove			
	Quercus virginiana	Live Oak	45	45	1590	22	45%	remove			
122	Quercus virginiana	Live Oak	40	30	707	22	45%	remove			
	Tabebuea pallida	Pink Trumpet Tree	20	10	79	8	55%	REMAIN		•	
$\overline{}$	Tabebuea pallida	Pink Trumpet Tree	18	10	79	6	55%	REMAIN	1		
$\overline{}$	Quercus virginiana	Live Oak	40	30	707	22	55%	REMAIN	1		
	Quercus virginiana	Live Oak	25	25	491	12	55%	REMAIN	1		
		Live Oak	30	30	707	15	55%	REMAIN	-		
	Quercus virginiana										
	Quercus virginiana	Live Oak	30	45	1590	22	55%	REMAIN			
	Syagrus romanzoffianum	Queen Palm	25	15	177	6	55%	REMAIN			
130	Quercus virginiana	Live Oak	50	45	1590	24	45%	remove			
131	Coccoloba diversifolia	Pigeon Plum	18	18	254	6	50%	remove	\$	2,700.00	
132	Wodyetia bifurcata	Foxtail Palm	18	12	113	6	40%	remove			
	Wodyetia bifurcata	Foxtail Palm	18	12	113	10	40%	remove			
	Wodyetia bifurcata	Foxtail Palm	18	12	113	10	40%	remove			
	Wodyetia bifurcata	Foxtail Palm	18	12	113	10	40%		+		
								remove	-		
	Wodyetia bifurcata	Foxtail Palm	18	12	113	10	40%	remove			
	Wodyetia bifurcata	Foxtail Palm	18	12	113	20	40%	remove			
138	Quercus virginiana	Live Oak	50	30	707	24	45%	remove			
139	Quercus virginiana	Live Oak	60	30	707	24	45%	remove			
140	Phoenix roebelinii	Pygmy Date Palm	8	6	28	4	45%	remove			
141	Cocos nucifera	Coconut Palm	35	20	314	8	75%	Relocate			
	Cocos nucifera	Coconut Palm	35	20	314	8	75%	Relocate			
	Cocos nucifera	Coconut Palm	35	20	314	7	75%	Relocate	+		
									+		
	Cocos nucifera	Coconut Palm	35	20	314	7	75%	Relocate	+		
	Cocos nucifera	Coconut Palm	35	20	314	7	75%	Relocate	1		
	Cocos nucifera	Coconut Palm	35	20	314	6	75%	Relocate			
147	Sabal palmetto	Cabbage Palm	28	10	79	10	75%	Relocate			
	Sabal palmetto	Cabbage Palm	30	10	79	10	75%	Relocate			
	Sabal palmetto	Cabbage Palm	28	10	79	10	75%	Relocate	1		
	Quercus virginiana	Live Oak	50	50	1963	20	45%	remove	1		
						20	45%		+		
	Quercus virginiana	Live Oak	45	45	1590			remove	+		
	Quercus virginiana	Live Oak	50	30	707	18	45%	remove			ļ
$\overline{}$	Quercus virginiana	Live Oak	50	30	707	15	40%	remove	1		
154	Quercus virginiana	Live Oak	60	30	707	15	40%	remove			
155	Quercus virginiana	Live Oak	30	30	707	14	40%	remove			
156	Quercus virginiana	Live Oak	50	30	707	15	40%	remove			
	Quercus virginiana	Live Oak	35	25	491	13	45%	remove			
$\overline{}$	Quercus virginiana	Live Oak	25	25	491	8	50%		\$	5,200.00	
								remove	φ	5,200.00	
	Quercus virginiana	Live Oak	50	40	1257	22	45%	remove			
	Quercus virginiana	Live Oak	45	45	1590	24	45%	remove			
161	Quercus virginiana	Live Oak	35	30	707	15	40%	remove			
162	Quercus virginiana	Live Oak	35	30	707	15	40%	remove			
163	Quercus virginiana	Live Oak	20	25	491	13	40%	remove			
	Quercus virginiana	Live Oak	50	40	1257	22	40%	remove			
	Quercus virginiana	Live Oak	50	45	1590	24	40%	remove			
	Quercus virginiana	Live Oak	25	25	491	8	45%	remove			
						8			•	E 000 00	
	Quercus virginiana	Live Oak	20	25	491	_	50%	remove	\$	5,200.00	
	Quercus virginiana	Live Oak	15	15	177	5	55%	REMAIN			
169	Quercus virginiana	Live Oak	25	25	491	8	55%	REMAIN			
170	Quercus virginiana	Live Oak	25	25	491	13	55%	REMAIN			
171	Quercus virginiana	Live Oak	25	25	491	8	55%	REMAIN			
	Quercus virginiana	Live Oak	15	15	177	5	50%	REMAIN			
	Quercus virginiana	Live Oak	30	25	491	10	55%	REMAIN	-		
	Quercus virginiana Quercus virginiana		50	<u>25</u> 50	1963	15	45%		1		
		Live Oak						remove	+		
	Quercus virginiana	Live Oak	35	35	962	16	60%	REMAIN	+		
	Quercus virginiana	Live Oak	50	50	1963	26	60%	REMAIN	1		
177	Quercus virginiana	Live Oak	50	40	1257	18	45%	remove			
	Quercus virginiana	Live Oak	35	35	962	15	45%	remove			
	Magnolia grandiflora	Magnolia	15	6	28	9	70%	Relocate			
	Magnolia grandiflora	Magnolia	15	6	28	10	65%	Relocate	1		
	Vietchia montgomeryana	Montgomery Palm	20	15	177	12	65%	Relocate	+		triple (3 @ 4")
									+		
	Vietchia montgomeryana	Montgomery Palm	23	15	177	12	70%	Relocate	-		triple (3 @ 4")
	Syagrus romanzoffianum	Queen Palm	28	15	177	13	65%	Relocate	1		<u> </u>
	Syagrus romanzoffianum	Queen Palm	25	15	177	10	65%	Relocate			
185	Syagrus romanzoffianum	Queen Palm	28	15	177	9	65%	Relocate			
186	Magnolia grandiflora	Magnolia	10	4	13	3	70%	Relocate			
	Magnolia grandiflora	Magnolia	10	4	13	3	70%	Relocate			
	Vietchia montgomeryana	Montgomery Palm	20	15	177	12	50%	remove			triple (one dead stalk) 2 @
	Vietchia montgomeryana	Montgomery Palm	25	10	79	6	60%	Relocate	+		inpro (one dead stark) 2 @
		<u> </u>							+		
	Magnolia grandiflora	Magnolia	12	5	20	3	70%	Relocate			
	Magnolia grandiflora	Magnolia	12	5	20	3	70%	Relocate	1		
192	Vietchia montgomeryana	Montgomery Palm	23	15	177	18	70%	Relocate			triple (3 @ 6")
	Vietchia montgomeryana	Montgomery Palm	23	15	177	18	70%	Relocate			triple (3 @ 6")
	Magnolia grandiflora	Magnolia	12	5	20	4	70%	Relocate			, , , , , , , , , , , , , , , , , , ,
	Magnolia grandiflora	Magnolia	15	6	28	4	70%	Relocate	1		
									+		
	Syagrus romanzoffianum	Queen Palm	30	15	177	9	65%	REMAIN	+		
	Vietchia montgomeryana	Montgomery Palm	18	10	79	5	70%	REMAIN	1		
	Vietchia montgomeryana	Montgomery Palm	23	15	177	24	70%	REMAIN			triple (3 @ 8")
199	Syagrus romanzoffianum	Queen Palm	25	15	177	10	65%	REMAIN			
	Syagrus romanzoffianum	Queen Palm	30	15	177	10	65%	REMAIN			
	_, _g J		, ••				0070		\$	23 000 00	: IN LIEU FEE PAYMENT
			TOTAL DE	H ON SITE		1651	7		•	_0,000.00	
		I		SH ON SITE:		1654	1				
						770					
		TOTAL DBH TO BE				778					
			AL DBH TO BE	REMOVED:		876					

GENERAL NOTES:

lake or waterway.

1. PLANT MATERIAL: <u>All plant material shall be Florida #1 or better</u> as established by "Grades and Standards for Nursery Plants" of the state of Florida, Department of Agriculture.

2. All trees, shrubs and groundcovers shall be of the sizes as specified in the Plant List.

3. Quantities listed on the the Plant List are for estimating purposes. Contractor shall verify all quantities. Mulch, topsoil, fertilizer, etc. shall be included in the unit cost of the plants.

4. Where there is a discrepancy either in quantities, plant names, sizes or specifications between the plan or plant list, the plan takes precedence.

5. All planting beds and water basins for trees shall be covered with a 3" minimum depth of shredded eucalyptus or florimulch grade 'B' or better.

6. The Planting Plan shall be installed in compliance with all existing codes and applicable deed restrictions.

7. SOD: All areas not used for buildings, vehicular use areas, walks or planting beds shall be grassed.

Grassing shall extend to any abutting street pavement edge and to the mean waterline of any abutting canal,

8. PLANTING SOIL: All trees and shrubs shall be planted with a minimum of 12" topsoil around and beneath the rootball. Minimum topsoil shall be 6" for groundcover areas and 2" for sodded grass areas.

9. Planting soil to be a weed-free mixture of 50% sand, 40% muck, and 10% Canadian peat. All plant material to receive planting soil as per details.

10. Contractor is responsible for determining all utility locations and installing facilities so as to not conflict. All damage to existing utilities or improvements caused by Contractor shall be repaired at no additional cost to the Owner.

11. Contractor to notify "Sunshine State One Call of Florida, Inc." at 1-800-432-4770 Two Full Business Days prior to digging for underground utility locations.

12. Contractor shall be responsible for providing final grading of all associated planting areas.

13. After final grade, area to be raked to 6" depth and all rock and foreign inorganic materials removed and disposed of properly off-site.

14. All planting holes to be hand dug except where machine dug holes will not adversely affect or damage utilities or improvements (see note 8).

15. No plunging of any tree or palm will be accepted. All plants to be planted at the nursery grade or slightly higher.

16. Contractor shall stake & guy all trees and palms at time of planting as per the appropriate detail.

Contractor is responsible for the maintenance and/or repair of all staking and guying during warranty period and removal & disposal of staking after establishment period.

17. Fertilizer for grass areas shall be NPK 16-4-8 @ 12.5 lbs/1000 s.f. or 545 lbs/acre. Nitrogen 50% slow release form & fertilizer to include secondary micronutrients.

18. SUBSTITUTIONS AND CHANGES: All substitutions and changes shall be approved in writing prior to installation. Any discrepancies between plans, site and specifications shall be brought to the immediate attention of the Landscape Architect, the owner and governing municipality.

19. WATERING: All plant material shall be watered in at time of planting in accordance with standard nursery practices. In addition, Contractor will continue watering of plant material until substantial completion and as needed thereafter for a period of 2 months.

20. All new plant material shall be guaranteed for I year from time of final acceptance of project. Any plant material not in a healthy growing condition will be replaced by the Contractor at no additional cost to the Owner within 10 days of notification. For all replacement plant material, the warranty period shall be extended an additional 45 days beyond the original warranty period. All trees that lean or are blown over, caused by winds less than 75 mph, will be re-set and braced by the Contractor at no additional cost to the Owner.

21. The successful bidder shall furnish to the Owner a unit price breakdown for all materials. The Owner may, at its discretion, add or delete from the materials utilizing the unit price breakdown submitted.

22. No plant material will be accepted showing evidence of cable, chain marks, equipment scars, or otherwise damaged.

23. Plant material will not be accepted when the ball of earth surrounding its roots has been cracked, broken or otherwise damaged.

24. Root-prune all trees a minimum of (8) weeks prior to planting.

25. All landscaped areas will be irrigated by an underground, automatic, rust-free irrigation system providing 100% coverage and 100% spray overlap. The system shall be maintained in good working order and designed to minimize water on impervious services and not overspray walkways. A rain sensor device shall be installed to override the irrigation cycle of the system when adequate rainfall has occurred.

cross-visibility at a horizontal level between 30 inches and 8 feet above adjacent street grade.

27. No canopy trees shall be planted within 12 feet of a light pole. No palm species shall be planted within 6

26. All plant material planted within the sight distance triangle areas (see plan) shall provide unobstructed

28. Ground cover plantings shall provide not less than 50 percent coverage immediately upon planting and

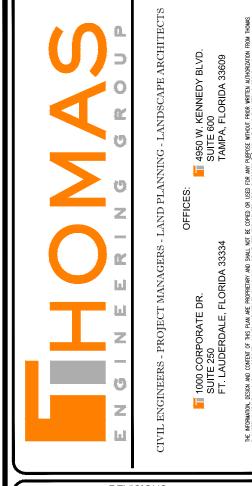
100 percent coverage within 6 months after planting.

29. Tree protection barricades shall be provided by Landscape Contractor around existing trees that may be impacted by the proposed construction. Prior to any construction a tree protection barricade inspection shall be conducted by the landscape architect, owner or governing municipality. Refer to

landscape detail for tree preservation barricade fencing.

30. In all pedestrian areas, all trees and palms shall be maintained to allow for clear passage at an 8 foot

31. All landscape material shall be setback a minimum of 10' from any Fire Hydrant.



REVISIONS:							
REV:	DATE:	COMMENT:	BY:				
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KNOW WHAT'S BELOW

08-16-19

TREE DISPOSITION PLAN

ALWAYS CALL 811

BEFORE YOU DIG

SITE PLAN ENTITLEMENTS

PROJE	CT No.:	
DRAW	N BY:	
CHEC	KED BY:	
DATE:		

CAD I.D.:

LANDROVER OF

DELRAY BEACH

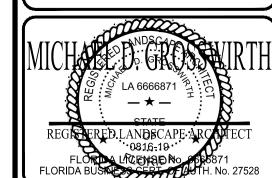
AUTONATION

DELRAY BEACH, FLORIDA



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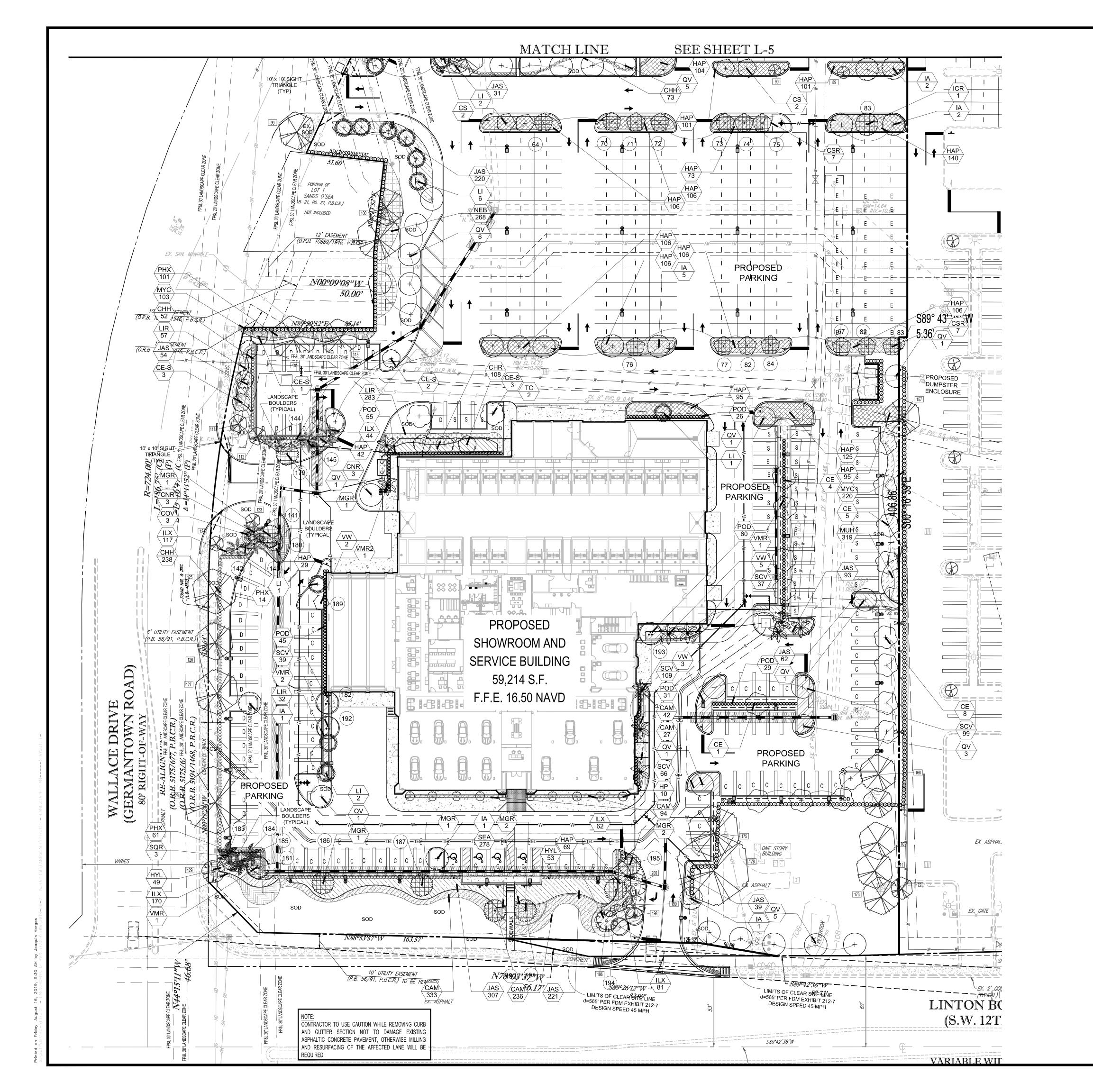


SHEET TITLE:

TREE DISPOSITION CHARTS AND NOTES

SHEET NUMBER:

L-3



CITY OF DELRAY BEACH, FLORIDA GENERAL LANDSCAPE NOTES

- ALL PLANT MATERIAL SHALL BE FLORIDA #1 GRADE OR BETTER;
- MULCH SHALL BE APPLIED TO A MINIMUM DEPT OF THREE (3) INCHES IN • ALL PROHIBITED PLANT SPECIES SHALL BE ERADICATED FROM THE
- ALL LANDSCAPE AREAS SHALL BE PROVIDED WITH AN IRRIGATION
- SYSTEM, AUTOMATICALLY OPERATED, TO PROVIDE COMPLETE COVERAGE TO ALL PLANT MATERIALS AND GRASS TO BE MAINTAINED; • SOD AND IRRIGATION SHALL BE PROVIDED WITHIN THE UNPAVED
- PORTION OF THE RIGHT-OF-WAY ADJACENT TO THE PROPERTY LINE; • REINFORCED CONCRETE CURBING AT LEAST SIX (6) INCHES IN HEIGHT
- SHALL BE PROVIDED AROUND ALL LANDSCAPE ISLANDS AND AS A SEPARATOR BETWEEN ALL LANDSCAPED AREAS THAT ARE ADJACENT TO VEHICULAR USE AREAS UNLESS SUCH CURBING WILL INTERFERE WITH THE DRAINAGE.

REMINDERS:

LANDSCAPE PLANS SHALL BE PREPARED BY AND BEAR THE SEAL OF A LANDSCAPE ARCHITECT OR OTHERWISE BE PREPARED BY PERSONS 481, PART II, OF THE FLORIDA STATUTES. PLANS MUST BE DRAWN TO SCALE. SHOW THE PROPERTY BOUNDARIES AND RIGHT-OF-WAY, BEAR A NORTH ALL PLANT MATERIAL MUST BE CLEARLY SHOWN IN THE LANDSCAPE SHALL BE SHOWN ON THE LANDSCAPE PLAN TO AVOID ANY THE SITE IS TO BE REMOVED, A TREE\SCRUB REMOVAL APPLICATION MUST BE SUBMITTED AND A PERMIT ISSUED AT THE TIME THE BUILDING PERMIT IS ISSUED. AN IRRIGATION PLAN MUST ALSO BE SUBMITTED AT THAT TIME WITH STAFF REVIEW AND A PERM IT REQUIRED.

> NOTE: PLEASE REFER TO SHEET L-1 THRU L-3 FOR DISPOSITION OF EXISTING PLANT MATERIALS; SHEET L-6 FOR PLANTING DETAILS AND SHEET L-7 FOR GENERAL NOTES.

NOTE: ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENT SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD 1.1 AND LD 1.2 (SEE DETAILS SHEET L-6).

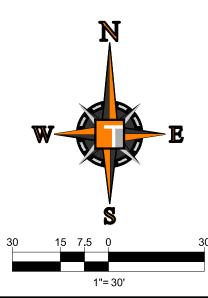
NOTE: ALL EXISTING SOIL WITHIN LANDSCAPE AREAS ADJACENT TO VEHICULAR USE AREAS IS REQUIRED TO BE REMOVED (TO 30" BELOW GRADE), INSPECTED AND THEN REPLACED WITH A 60/40 MIX OF SAND TO TOPSOIL. (SEE DETAIL SHEET L-6).

IRRIGATION SHALL BE FROM A NON-POTABLE WATER SOURCE.

NOTE: UNLESS OTHERWISE SPECIFICALLY NOTED, ALL AREAS LABELED AS "SOD" TO BE STENOTAPHRUM SECUNDATUM, V. FLORITAM SOLID SOD. SEE NOTE O ON SHEET L-7.

LEGEND

- C: CUSTOMER/EMPLOYEE PARKING
- I: INVENTORY
- E: EMPLOYEE PARKING
- S: SERVICE
- D: DISPLAY PARKING





REV: DATE: COMMENT: BY:	1		TIE VICTORIO.	
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SITE PLAN **ENTITLEMENTS**

08-16-19 F170121 - LANDSCAPE PLAN

LANDROVER OF **DELRAY BEACH**

AUTONATION

DELRAY BEACH, FLORIDA

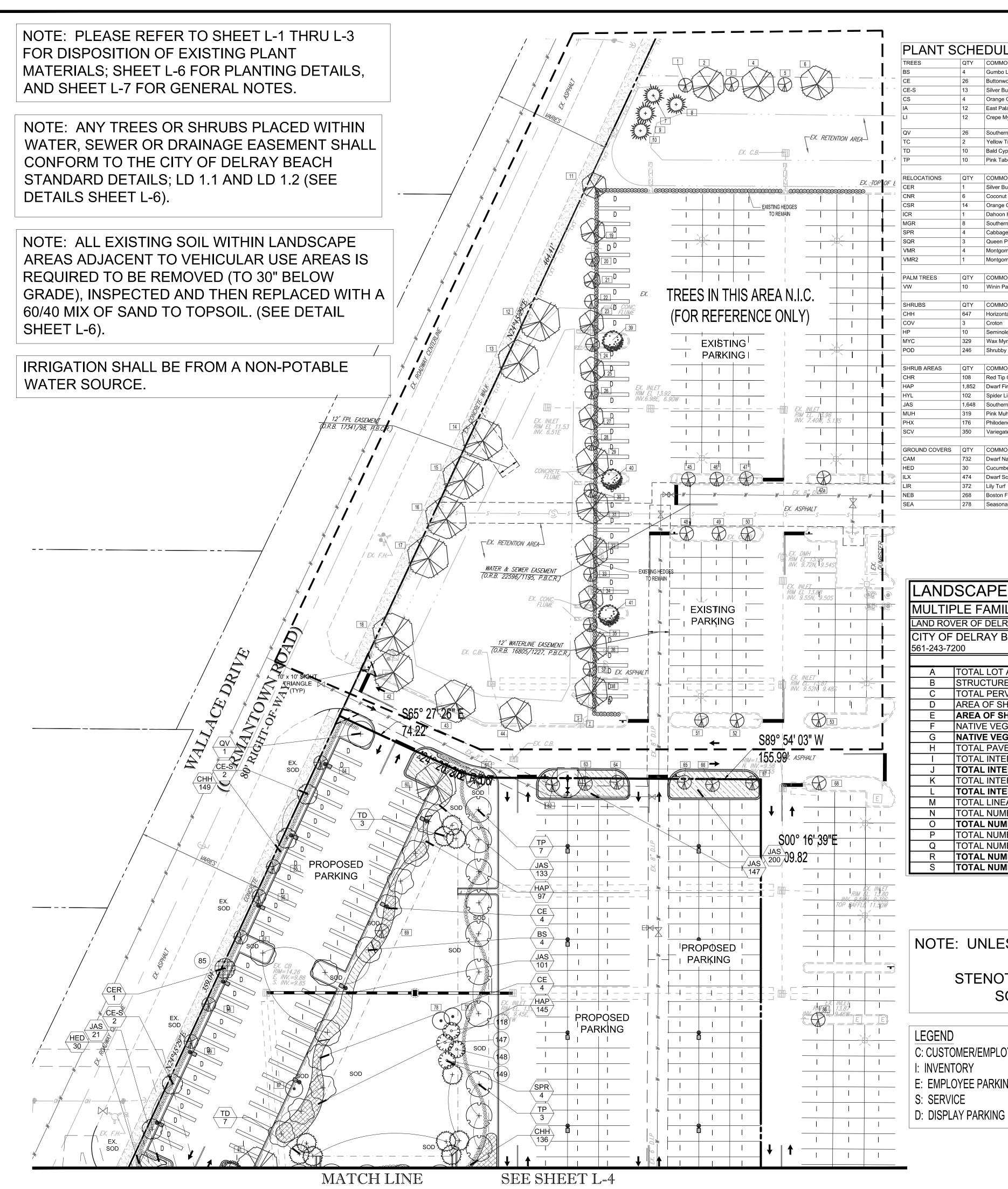


RADICE III

1000 CORPORATE DRIVE, SUITE 250
FORT LAUDERDALE, FL 33334



LANDSCAPE PLAN



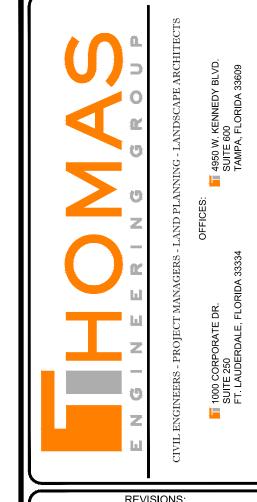
TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC		REMARKS
BS	4	Gumbo Limbo	Bursera simaruba	FG/B&B	6"Cal	18` ht.	7`	Yes	High		8`ct
CE	26	Buttonwood	Conocarpus erectus	FG/B&B	6"Cal	18` Ht	7`	Yes	High		8`ct
CE-S	13	Silver Button Wood	Conocarpus erectus sericeus	FG/B&B	4"Cal	16` Ht	7`	Yes	High		8`ct
CS	4	Orange Geiger Tree	Cordia sebestena	FG/B&B	4"Cal	16` Ht	7`	Yes	High		8`ct
IA	12	East Palatka Holly	llex a, "East Palatka"	FG/B&B	6"Cal	18` Ht	7`	Yes	High		8` ct
LI	12	Crepe Myrtle	Lagerstroemia indica "Tuskegee"	FG/B&B	10" Cal.	16` Ht	7`	No	High		multi, 8`ct 5 trunks min @ 2" cal each
QV	26	Southern Live Oak	Quercus virginiana	FG/B&B	6"Cal	18` Ht	7`	Yes	High		8`ct
TC	2	Yellow Trumpet Tree	Tabebuia caraiba	FG/B&B	6"Cal	18` Ht	7`	No	High		8`ct
TD	10	Bald Cypress	Taxodium distichum	FG/B&B	6"Cal	18` Ht	7`	Yes	High		8`ct
TP	10	Pink Tabebuia	Tabebuia pallida	FG/B&B	6"Cal	18` Ht	7`	No	High		8`ct
									_		
RELOCATIONS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC		REMARKS
CER	1	Silver Button Wood	Conocarpus erectus sericeus	NA	See Sheel L-3	See Sheet L-3	See Sheet L-3	Yes	High		
CNR	6	Coconut Palm	Cocos nucifera `Green Malayan`	NA	See Sheel L-3	See Sheet L-3	See Sheet L-3	No	Medium		
CSR	14	Orange Geiger Tree	Cordia sebestena	NA	See Sheel L-3	See Sheet L-3	See Sheet L-3	Yes	High		
ICR	1	Dahoon Holly	Ilex cassine	NA	See Sheel L-3	See Sheet L-3	See Sheet L-3	Yes	High		
MGR	8	Southern Magnolia	Magnolia grandiflora	NA	See Sheel L-3	See Sheet L-3	See Sheet L-3	Yes	Low		
SPR	4	Cabbage Palmetto	Sabal palmetto	NA	See Sheel L-3	See Sheet L-3	See Sheet L-3	Yes	High		
SQR	3	Queen Palm	Syagrus romanzoffiana	NA	See Sheel L-3	See Sheet L-3	See Sheet L-3	No	Medium		
VMR	4	Montgomery Palm	Veitchia montgomeryana	NA	See Sheel L-3	See Sheet L-3	See Sheet L-3	No	High		triple
VMR2	1	Montgomery Palm	Veitchia montgomeryana	NA	See Sheel L-3	See Sheet L-3	See Sheet L-3	No	High		single
PALM TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC		REMARKS
VW	10	Winin Palm	Veitchia winin	B & B		16-18` gw		No	High		
SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC		REMARKS
CHH	647	Horizontal Cocoplum	Chrysobalanus icaco `Horizontal`	NA NA	24"	24"	24"	Yes	High		Full to base
COV	3	Croton	Codiaeum variegatum `Pictum`	7 gal	As Shown	30"	24"	No	Medium		3 ppp
HP	10	Seminole Pink Hibiscus	Hibiscus rosa-sinensis	5 gal	1.5"Cal	5` Ht	3,	No	Low		30" CT
MYC	329	Wax Myrtle	Myrica cerifera	NA	30"	4.5`	30"	Yes	High		full to base
POD	246	Shrubby Yew	Podocarpus macrophyllus maki	NA	24"	24"	24"	No	Medium		24"x24"
			, cassarpas mas.spm, mas man					1			- 1
SHRUB AREAS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	SPACING	REMARKS
CHR	108	Red Tip Cocoplum	Chrysobalanus icaco `Red Tip`	-	24"	18"	18"	Yes	High	24" o.c.	Full to base
HAP	1,852	Dwarf Fire Bush	Hamelia patens `compacta`	n/a	24"	18"	18-24"	Yes	High	24" o.c.	Full to base
HYL	102	Spider Lily	Hymenocallis latifolia	3 gal	24"	18"	18"		_	24" o.c.	
JAS	1,648	Southern Wax Jasmine	Jasminum simplicifolium	n/a	24"	20"-24"	24"	No	Medium	24" o.c.	Full
MUH	319	Pink Muhly Grass	Muhlenbergia capillaris	n/a	24"	18-24"	14-16"	Yes	High	24" o.c.	
PHX	176	Philodendron	Philodendron x xanadu	n/a	24"	24"	24"	No	Medium	24" o.c.	
SCV	350	Variegated Schefflera	Schefflera variegata	-	24"	18"	18"	No	High	24" o.c.	Full to base
								'	<u>'</u>	•	
GROUND COVERS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	SPACING	REMARKS
CAM	732	Dwarf Natal Plum	Carissa macrocarpa	n/a	18"	14-16"	14-16"	No	Medium	18" o.c.	
HED	30	Cucumberleaf Sunflower	Helianthus debilis	n/a	18"	8-10"	8-10"	Yes	High	18" o.c.	
ILX	474	Dwarf Schillings Holly	Ilex vomitoria `Schillings Dwarf`	n/a	18"	14-16"	14-16"	Yes	High	18" o.c.	
LIR	372	Lily Turf	Liriope muscari	1 gal	18"	12-14"	10-12"	No	High	18" o.c.	Full clumps
NEB	268	Boston Fern	Nephrolepis exaltata `Bostoniensis`	n/a	24"	18"	18"	Yes	High	24" o.c.	
SEA	278	Seasonal Annuals	TBD	Container	12"	6"	6"	n/a	n/a	12" o.c.	

LANI	DSCAPE CALCULATION FORM		
MULT	IPLE FAMILY, COMMERCIAL AND INDUSTRIAL		
_AND R	OVER OF DELRAY BEACH		
CITY O	F DELRAY BEACH		
561-243-			
Α	TOTAL LOT AREA	319,620.00	S.F.
В	STRUCTURES, PARKING, WALKWAYS, DRIVES, ETC	237,240.00	S.F.
С	TOTAL PERVIOUS LOT AREA	82,380.00	S.F.
D	AREA OF SHRUBS AND GROUND COVERS REQUIRED	24,714	S.F.
E	AREA OF SHRUBS AND GROUND COVERS PROVIDED	28,050.0	S.F.
F	NATIVE VEGETATION REQUIRED (25%)	6,179	S.F.
G	NATIVE VEGETATION PROVIDED	16,469.8	S.F.
Н	TOTAL PAVED VEHICULAR AREA	179,889	S.F.
I	TOTAL INTERIOR LANDSCAPE REQUIRED	17,988.9	S.F.
J	TOTAL INTERIOR LANDSCAPE PROVIDED	32,727.0	S.F.
K	TOTAL INTERIOR SHADE TREES REQUIRED	144	TREES
L	TOTAL INTERIOR SHADE TREES PROVIDED	153	TREES
M	TOTAL LINEAR FEET SURROUNDING PARKING OR VEHICULAR USE AREAS	1,209.75	L.F.
N	TOTAL NUMBER OF PERIMETER TREES REQUIRED	40	TREES
0	TOTAL NUMBER OF PERIMETER TREES PROVIDED	40	TREES
Р	TOTAL NUMBER OF EXISTING TREES TO BE SAVED ON SITE	71	TREES
Q	TOTAL NUMBER OF NATIVE TREES REQUIRED (50%)	92	TREES
R	TOTAL NUMBER OF NATIVE TREES PROVIDED	158	TREES
S	TOTAL NUMBER OF TREES ON PLAN	188	TREES

NOTE: UNLESS OTHERWISE SPECIFICALLY NOTED, ALL AREAS LABELED AS "SOD" TO BE STENOTAPHRUM SECUNDATUM, V. FLORITAM SOLID SOD. SEE NOTE O ON SHEET L-7.

C: CUSTOMER/EMPLOYEE PARKING I: INVENTORY E: EMPLOYEE PARKING S: SERVICE

COUNTS TOWARDS 12" OF MITIGATION COUNTS TOWARDS 78" OF MITIGATION COUNTS TOWARDS 13" OF MITIGATION COUNTS TOWARDS 4" OF MITIGATION COUNTS TOWARDS 36" OF MITIGATION COUNTS TOWARDS 79" OF MITIGATION COUNTS TOWARDS 6" OF MITIGATION COUNTS TOWARDS 30" OF MITIGATION COUNTS TOWARDS 30" OF MITIGATION



REV:	DATE:	COMMENT:	BY:



SITE PLAN **ENTITLEMENTS**

08-16-19 F170121 - LANDSCAPE PLAN

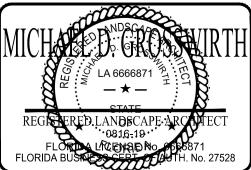
LANDROVER OF **DELRAY BEACH**

AUTONATION

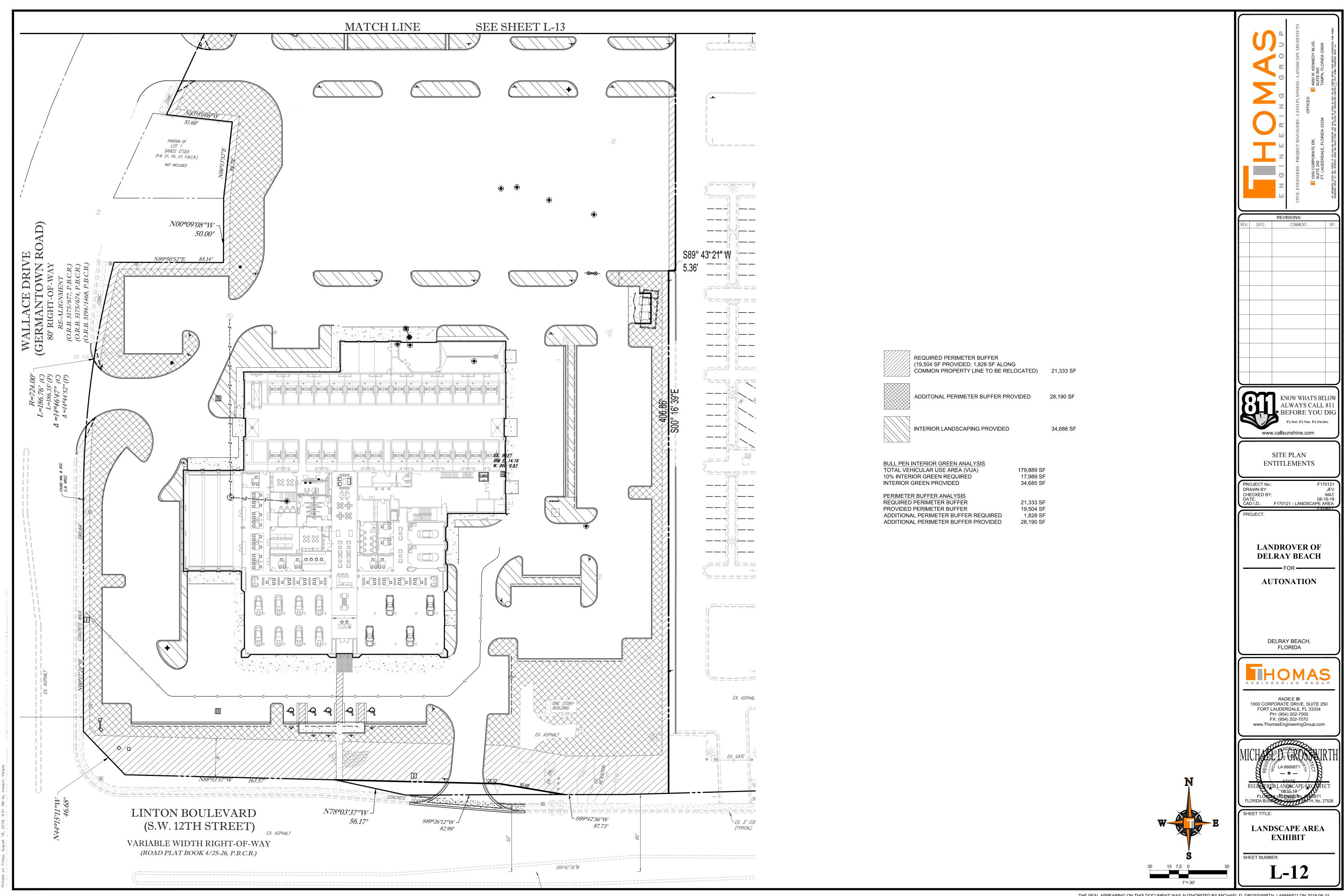
DELRAY BEACH, FLORIDA

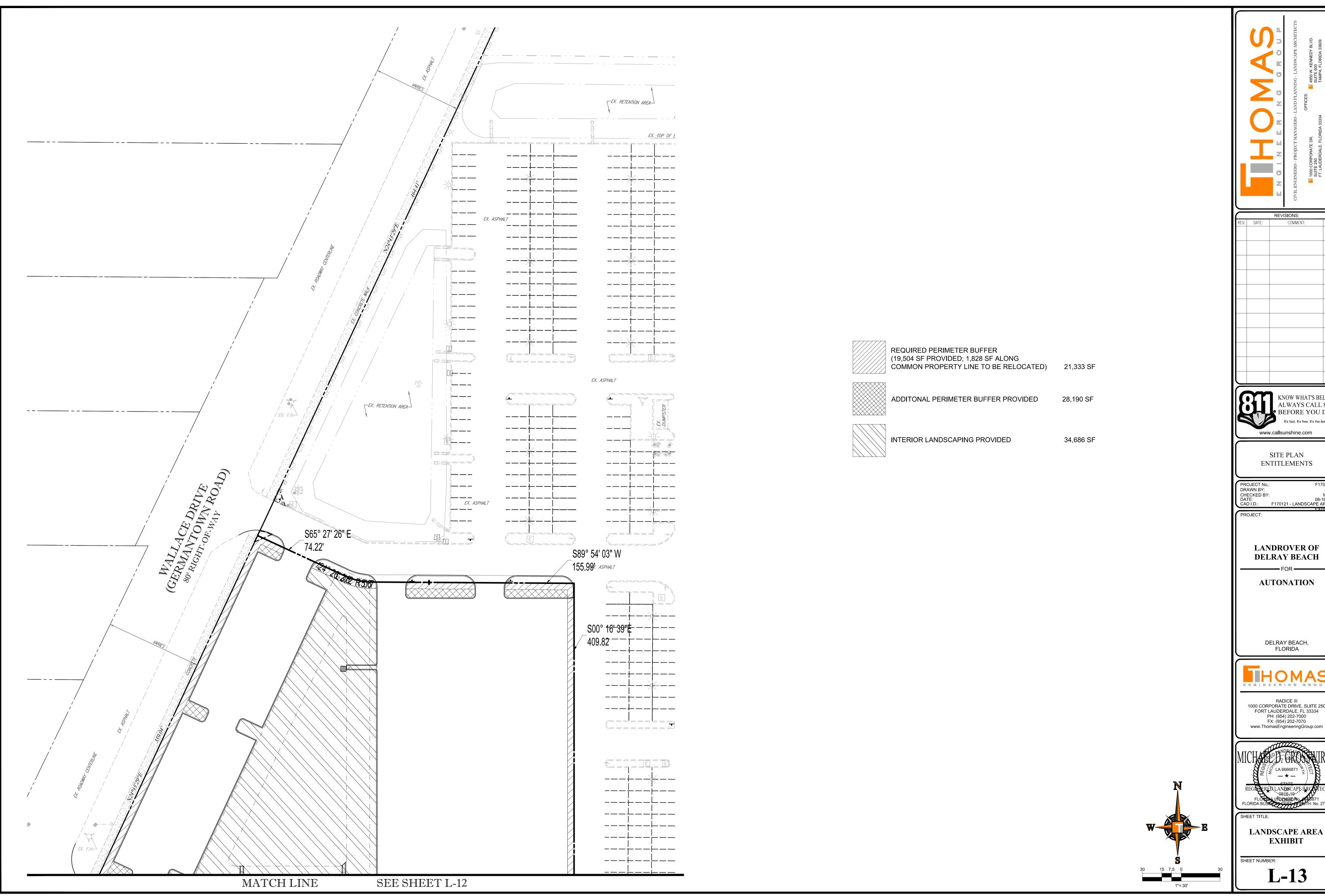


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LANDSCAPE PLAN





COMMENT: KNOW WHAT'S BELOW ALWAYS CALL 811 It's fast. It's free. It's the law. www.callsunshine.com SITE PLAN **ENTITLEMENTS** PROJECT No.: F170121
DRAWN BY: JFV
CHECKED BY: MAT
DATE: 08-16-19
CAD I.D.: F170121 - LANDSCAPE AREA LANDROVER OF **DELRAY BEACH AUTONATION** DELRAY BEACH, FLORIDA 1000 CORPORATE DRIVE, SUITE 250 FORT LAUDERDALE, FL 33334 PH: (954) 202-7000 FX: (954) 202-7070 www.ThomasEngineeringGroup.com