

MATCH LINE SEE SHEET L-5

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 PLANTING BEDS;
- ALL PROHIBITED PLANT SPECIES SHALL BE ERADICATED FROM THE SITE;
- 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.

REMEMBERS:

LANDSCAPE PLANS SHALL BE PREPARED BY AND BEAR THE SEAL OF A LANDSCAPE ARCHITECT OR OTHERWISE BE PREPARED BY PERSONS AUTHORIZED TO PREPARE LANDSCAPE PLANS OR DRAWINGS BY CHAPTER 481, PART II, OF THE FLORIDA STATUTES. PLANS MUST BE DRAWN TO SCALE, SHOW THE PROPERTY BOUNDARIES AND RIGHT-OF-WAY, BEAR A NORTH ARROW AND INDICATE THE STREET(S) ON WHICH THE PROPERTY IS LOCATED. ALL PLANT MATERIAL MUST BE CLEARLY SHOWN IN THE PROPOSED LOCATION WITH THE QUANTITY, SIZE AND SPACING APPEARING SOMEWHERE ON THE PLAN. ALL EXISTING TREES, VEGETATION, WATER BODIES, FENCES, WALLS, SITE LIGHTING, OVERHEAD POWER LINES, EASEMENTS AND OTHER ITEMS THAT MAY BE IN CONFLICT WITH THE LANDSCAPE SHALL BE SHOWN ON THE LANDSCAPE PLAN TO AVOID ANY SUCH CONFLICTS AT THE TIME OF INSTALLATION. EXISTING TREES AND NATIVE VEGETATION MUST BE INTEGRATED INTO THE LANDSCAPE PLAN. A TREE SURVEY MAY BE REQUIRED. WHEN TREES OR OTHER VEGETATION ON THE SITE IS TO BE REMOVED, A TREESCRUB 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.

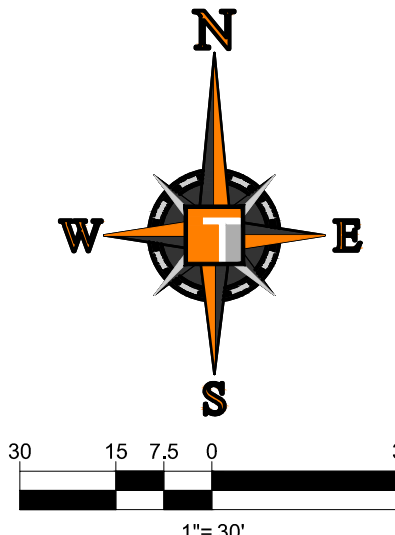
NOTE: ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENT SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD 1.1 AND LD 1.2 (SEE DETAILS SHEET L-6).

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



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NOTE:
CONTRACTOR TO USE CAUTION WHILE REMOVING CURB AND GUTTER SECTION NOT TO DAMAGE EXISTING ASPHALTIC CONCRETE PAVEMENT, OTHERWISE MILLING AND RESURFACING OF THE AFFECTED LANE WILL BE REQUIRED.

THOMAS
ENGINEERING GROUP

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

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4950 W. KENNEDY BLVD.
TAMPA, FLORIDA 33609
1000 CORPORATE DR.
FORT LAUDERDALE, FLORIDA 33334

REVISIONS			
REV.	DATE	COMMENT	BY
1	2019-10-2	SPRAB COMMENTS	MDG

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SITE PLAN
ENTITLEMENTS

PROJECT No.:	F170121
DRAWN BY:	JFV
CHECKED BY:	08-15-19
DATE:	
CAD I.D.:	F170121 - LANDSCAPE PLAN

PROJECT:

LANDROVER OF
DELRAY BEACH
FOR
AUTONATION

DELRAY BEACH,
FLORIDA

THOMAS
ENGINEERING GROUP

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MICHAEL D. GROSSWIRTH
REGISTERED LANDSCAPE ARCHITECT
0835-19-
FLORIDA LICENSE NO. 27571
FLORIDA BUSINESS AND PROFESSIONAL REGULATION BOARD, No. 27528

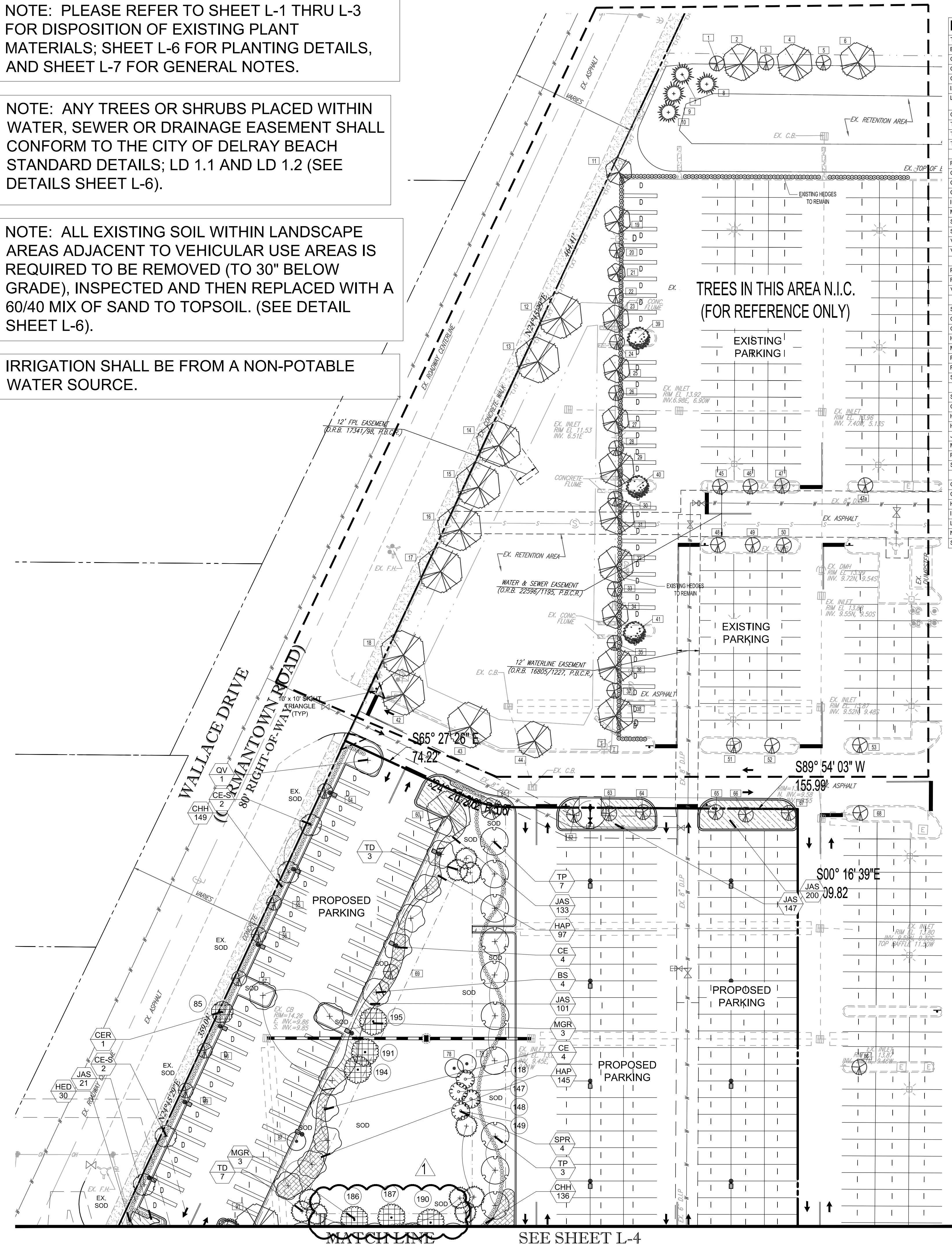
SHEET TITLE:
LANDSCAPE PLAN
SHEET NUMBER:
L-4

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.

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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.



PLANT SCHEDULE

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	14	Silver Button Wood	Conocarpus erectus sericeus	FG/B&B	4"Cal	16' Ht.	7'	Yes	High	8' ct
CS	4	Orange Gager Tree	Cordia sebestena	FG/B&B	4"Cal	16' Ht.	7'	Yes	High	8' ct
IA	12	East Palatka Holly	Ilex a. "East Palatka"	FG/B&B	6"Cal	18' Ht.	7'	Yes	High	8' ct
LI	13	Cree Myrtle	Lagerstroemia indica "Tuskegee"	FG/B&B	10" Cal.	16' Ht.	7'	No	High	multi 8' ct 5 trunks min @ 2" cal each
QV	29	Southern Live Oak	Quercus virginiana	FG/B&B	6"Cal	18' Ht.	7'	Yes	High	8' ct
TC	2	Yellow Trumpet Tree	Tabebuia caribaea	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 Sheet L-3	See Sheet L-3	See Sheet L-3	Yes	High	
CNR	6	Coconut Palm	Cocos nucifera 'Green Malaysian'	NA	See Sheet L-3	See Sheet L-3	See Sheet L-3	No	Medium	
CSR	14	Orange Gager Tree	Cordia sebestena	NA	See Sheet L-3	See Sheet L-3	See Sheet L-3	Yes	High	
ICR	1	Dahoon Holly	Ilex cassine	NA	See Sheet L-3	See Sheet L-3	See Sheet L-3	Yes	High	
MGR	8	Southern Magnolia	Magnolia grandiflora	NA	See Sheet L-3	See Sheet L-3	See Sheet L-3	Yes	Low	
SPR	4	Cabbage Palmetto	Sabal palmetto	NA	See Sheet L-3	See Sheet L-3	See Sheet L-3	Yes	High	
SQR	3	Queen Palm	Syagrus romanzoffiana	NA	See Sheet L-3	See Sheet L-3	See Sheet L-3	No	Medium	
VMR	4	Montgomery Palm	Veitchia montgomeryana	NA	See Sheet L-3	See Sheet L-3	See Sheet L-3	No	High	triple
VMR2	1	Montgomery Palm	Veitchia montgomeryana	NA	See Sheet 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
RE	7	Florida Royal Palm	Roystonea elata	B & B		20' gw	20'	Yes	High	matched
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	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	323	Wax Myrtle	Myrica cerifera	NA	30"	4.5'	30"	Yes	High	Full to base
POD	183	Shrubby Yew	Podocarpus macrophyllus maki	NA	24"	24"	24"	No	Medium	24"x24"
POD2	38	Shrubby Yew	Podocarpus macrophyllus maki	NA	42"	5-6' Ht.	36-42"	No	Medium	24"x24"
STN	5	White Bird of Paradise	Streptocarpus nicotai	15 gal	As Shown	6-7' Ht.	3'	No		Full Fan spread

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"	Yes	High	24" o.c.	Full to base
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.	Full
PHX	176	Philodendron	Philodendron x xanadu	n/a	24"	24"	24"	No	Medium	24" o.c.	Full
SCV	350	Variegated Schefflera	Schefflera variegata	-	24"	18"	18"	No	High	24" o.c.	Full to base

GROUND COVERS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	SPACING	REMARKS
CAM	755	Dwarf Natal Plum	Carrisa macrocarpa	n/a	18"	14-16"	14-16"	No	Medium	18" o.c.	Full
HED	30	Cucumberleaf Sunflower	Helianthus debilis	n/a	18"	8-10"	8-10"	Yes	High	18" o.c.	Full
ILX	474	Dwarf Schillings Holly	Ilex vomitoria 'Schillings Dwarf'	n/a	18"	14-16"	14-16"	Yes	High	18" o.c.	Full
UR	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.	Full
SEA	1,080	Seasonal Annuals	TBD	Container	12"	6"	6"	n/a	n/a	12" o.c.	Full

LANDSCAPE CALCULATION FORM

MULTIPLE FAMILY, COMMERCIAL AND INDUSTRIAL

LAND ROVER OF DELRAY BEACH
CITY OF DELRAY BEACH
561-243-7200

A	TOTAL LOT AREA	319,620.00	S.F.
B	STRUCTURES, PARKING, WALKWAYS, DRIVES, ETC	237,240.00	S.F.
C	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	28,916.5	S.F.
F	NATIVE VEGETATION REQUIRED (25%)	6,179	S.F.
G	NATIVE VEGETATION PROVIDED	16,469.8	S.F.
H	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	161	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
O	TOTAL NUMBER OF PERIMETER TREES PROVIDED	41	TREES
P	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	166	TREES
S	TOTAL NUMBER OF TREES ON PLAN	197	TREES

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COUNTS TOWARDS 12" OF MITIGATION
COUNTS TOWARDS 76" OF MITIGATION
COUNTS TOWARDS 14" OF MITIGATION
COUNTS TOWARDS 4" OF MITIGATION
COUNTS TOWARDS 36" OF MITIGATION
COUNTS TOWARDS 91" OF MITIGATION
COUNTS TOWARDS 97" OF MITIGATION
COUNTS TOWARDS 6" OF MITIGATION
COUNTS TOWARDS 30" OF MITIGATION
COUNTS TOWARDS 30" OF MITIGATION

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1	2019-10-2	SPRAT COMMENTS	MDG

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SITE PLAN ENTITLEMENTS

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DRAWN BY: JVF
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MICHAEL D. GROSSWIRTH
REGISTERED LANDSCAPE ARCHITECT
FLORIDA LICENSE NO. 27528
FLORIDA BUSINESS CREDIT NO. 27528

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LANDSCAPE PLAN

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