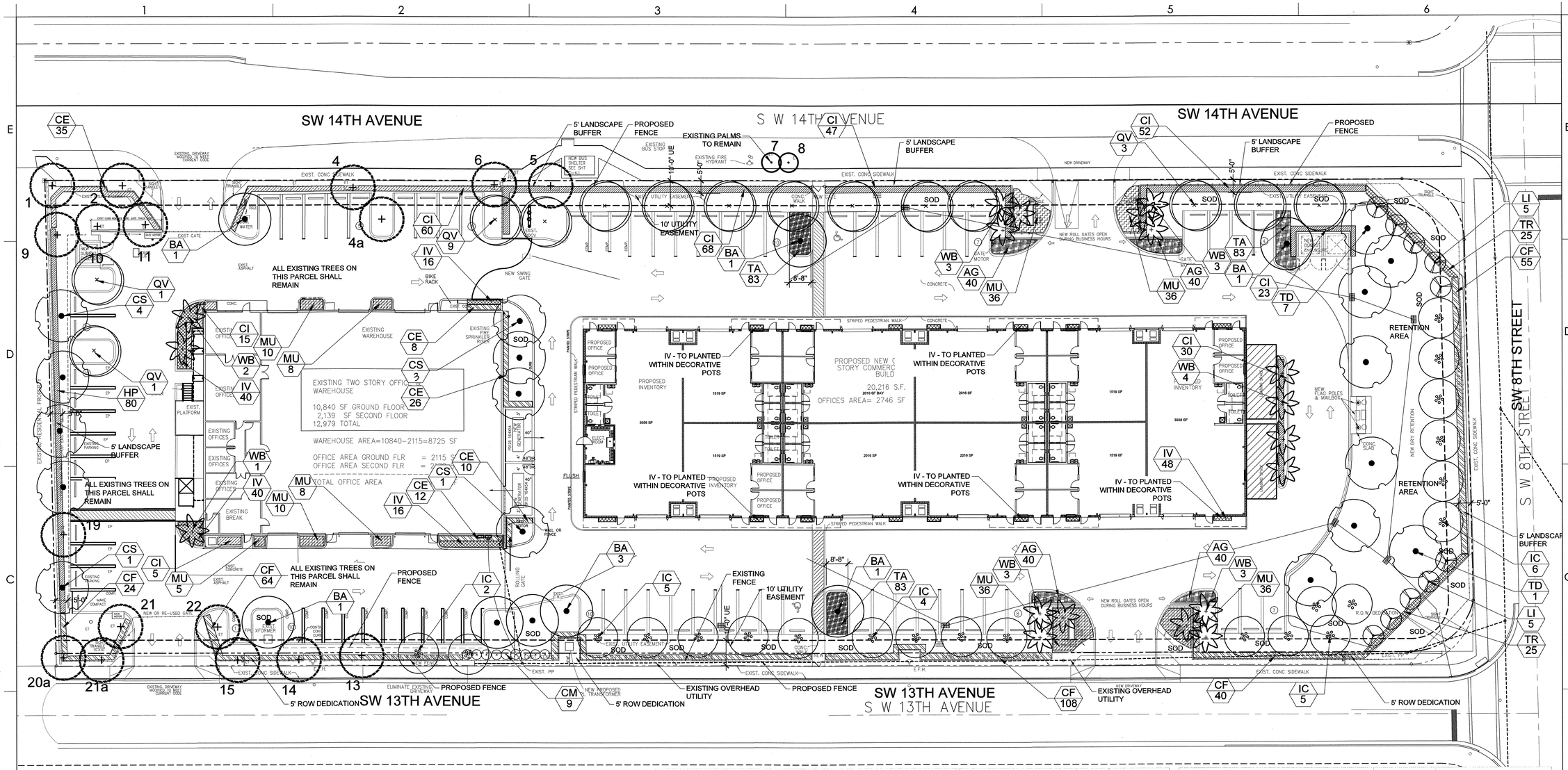
COPYRIGHT 2018 GALLO HERBERT ARCHITECTS



Plant List

Sym	Qty	Botanical Name	Common Name	Size	Native	Drought Tolerance
Trees/ Palms						
BA	7	Bulnesia arborea	Verawood	16' Ht x 5' Spr, 2" cal	No	High
QV	15	Quercus virginiana	Live Oak	16' Ht. x 5' Spr., 2" cal.	Yes	High
TD	8	Taxodium distichum	Bald Cypress	16' Ht x 5' Spr, 2" cal	Yes	High
CS	9	Cordia sebestena	Orange Geiger Tree	16' Ht x 5' Spr, 2" cal	Yes	High
LI	10	Lagerstroemia indica 'Natchez'	Crape Myrtle	16' Ht. x 4' Spr., 2" cal., single trunk	No	High
IC	22	Ilex cassine	Dahoon Holly	16' Ht x 4' Spr, 2" cal	Yes	Medium
WB	21	Wodyetia bifurcata	Foxtail Palm	14'-16' OA Ht	No	Medium
Shrubs/Groundcovers						
AG	160	Arachis glabrata	Rhizoma Peanut	4"x 10", 18" O.C.	No	High
CM	9	Caryota mitis	Fishtail Palm	6' Ht, 7 stem min, full to base	No	High
CI	335	Chrysobalanus icaco	Cocoplum	24" x 24", 24" O.C.	Yes	Medium
CF	291	Clusia flava	Small Leaf Clusia	72" x 24", 24" O.C.	No	High
IV	160	Ilex vomitoria 'Stokes Dwarf'	Dwarf Ilex	10" x 10", 18" O.C.	Yes	High
TA	249	Trachelospermum asiaticum	Asiatic Jasmine	6" x 12", 18" O.C.	No	Medium
TR	50	Tripsacum dactyloides	Fakahatchee Grass	24" x 24", 24" O.C.	Yes	High
HP	80	Hamelia patens	Firebush	24" x 24", 24" O.C.	Yes	High
CE	56	Conocarpus erectus	Green Buttonwood	24" x 24", 24" O.C.	Yes	High
MU	180	Muhlenbergia capillaris	Muhly Grass	24" x 24", 24" O.C.	Yes	High
Sod			St. Augustine			
Mulch			Shredded Melaleuca or Eucalyptus			

Landscape Calculations

A. Total lot area		108,000 sf
B. Structures, parking, walkways,drives, etc,		82,960 sf
C. Total pervious lot area		25,040 sf
D. Area of shrubs/ groundcover required (30%)	19,240 (.30)	5772 sf
E. Area of shrubs/ groundcover provided		5772 sf
F. Native vegetation required (25%)	1716 (.25)	429 plants
G, Native vegetation provided		972 plants
H. Total paved vehicular use area		51,130 sf
I. Total interior landscape area required (10%)	51,130 sf (.10)	5113 sf
J. Total interior landscape area provided		18,373 sf
K. Total interior shade trees required	5113/ 125 sf	41
L. Total interior shade trees provided		49 (44 new+ 5 exist)
Interior trees 25% max palms	45 (.25)	12 trees
Interior trees 25% max palms		19 palms to count as 6 interior trees
M. Total linear feet surrounding parking or VUA		1348 LF
N. Total number of perimeter trees required	1348 / 30 lf	45
O. Total number of perimeter trees provided		45 (33 new + 12 exist)
P. Total number of existing trees to be saved on site		17 trees + 2 palms
Q. Total number of native trees required	90 (.50)	45
R. Total number of native trees provided		51
S. Total number of trees on plan provided		94

EXISTING TREES

Tree #	Common Name	Botanical Name	DBH (inches)	Spread (feet)	Diposition
1	Live Oak	*Quercus virginiana*	10	18	REMAIN
2	Live Oak	*Quercus virginiana*	12	18	REMAIN
3	Does not exist				
4	Live Oak	*Quercus virginiana*	11	18	REMAIN
4A	Live Oak	*Quercus virginiana*	8	20	REMAIN
5	Live Oak	*Quercus virginiana*	18	30	REMAIN
6	Live Oak	*Quercus virginiana*	10	20	REMAIN
7	Thatch Palm	*Thrinax radiata*	3	5	REMAIN
8	Thatch Palm	*Thrinax radiata*	3	5	REMAIN
9	Mahogany	*Swietenia mahogoni*	10	24	REMAIN
10	Live Oak	*Quercus virginiana*	10	18	REMAIN
11	Live Oak	*Quercus virginiana*	12	24	REMAIN
12	Does not exist				
13	Live Oak	*Quercus virginiana*	10	20	REMAIN
14	Live Oak	*Quercus virginiana*	10	18	REMAIN
15	Live Oak	*Quercus virginiana*	10	18	REMAIN
16-18	Do not exist				
19	Mahogany	*Swietenia mahogoni*	12	45	REMAIN
20	Does not exist				
20A	Live Oak	*Quercus virginiana*	10	20	REMAIN
21	Live Oak	Quercus virginiana	10	26	REMAIN
21A	Live Oak	Quercus virginiana	10	24	REMAIN
22	Live Oak	Quercus virginiana	5	18	REMAIN

NOTES:
1. SOD AND IRRIGATE TO EDGE OF ROAD.
2. TREE REMOVAL PERMIT IS REQUIRED BY CITY PRIOR TO REMOVAL OF ANY TREES ON SITE.
3. ALL MECHANICAL EQUIPMENT SHALL BE SCREENED FROM VIEW WITH APPROPRIATE SHRUB MATERIAL.
4. ANY TREES PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS - LD 1.0 AND LD 2.0.
5. A ROOT BARRIER IS REQUIRED FOR ALL TREES WITHIN 10 FEET OF ANY UNDERGROUND UTILITY.

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
Dig Safe, Dig Sure, Dig the Law
Call 811 two business days before digging

1 L-1 LANDSCAPE PLAN
SCALE : 1"=20'-0"
0' 10' 20' 40'

NORTH

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER THESE PLANS AND SPECIFICATIONS. THIS DOCUMENT CONTAINS PROPERTY INFORMATION AND SHALL NOT BE USED OR REPRODUCED, OR ITS CONTENTS DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF GALLO HERBERT ARCHITECTS
CONTRACTOR(S) SHALL VERIFY EXISTING CONDITIONS AND CORRELATE DIMENSIONS PRIOR TO PROVIDING THE WORK DETAILED IN THESE DRAWINGS, AND SHALL PROMPTLY NOTIFY THE DESIGNER OF ANY DISCREPANCIES.

Kimberly Moyer, RLA
Landscape Architecture
(954) 592-3695
Lic. No. #LA0000952

GHA
GALLO HERBERT ARCHITECTS
1311 W NEWPORT CENTER DRIVE DEERFIELD BEACH, FLORIDA 33442
P.H. 954.794.0300 FX. 954.794.0301

AA26001731
SEAL

PROJECT
DELRAY BUSINESS INCUBATOR

905 SW 14th AVE.
DELRAY BEACH, FL
33444

OWNER

REVISIONS

No.	Description	Date
1	Site & Planting Rev.	04-06-2020
2	Site & Planting Rev.	09-12-2022
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5	Planting Rev.	03-07-2023
6	Planting Rev.	08-09-2023
7	Planting Rev.	09-14-2023
8	Planting Rev.	12-15-2023
9	Site Plan Rev.	05-09-2024
10	Generator Rev.	01-14-2025

PROJECT STATUS
SCHEMATIC DESIGN

DATE
2019-07-23

PROJECT NUMBER
10-2018

SCALE
AS NOTED

DRAWN BY: K.M.
CHECKED BY: K.M.

DRAWING TITLE
LANDSCAPE PLAN

DRAWING NUMBER
L-1

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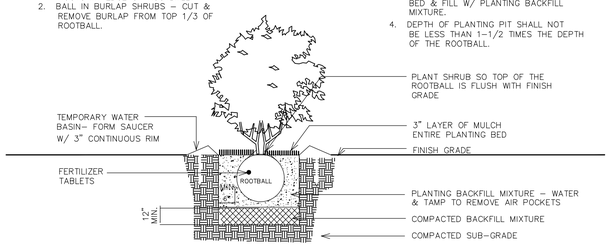
NOTE: NO WELLINGTON TAPE OR OTHER NON-BIODEGRADABLE MATERIALS SHALL COME INTO CONTACT WITH THE TREE.

NOTES:

1. CONTAINER GROWN SHRUBS – LOOSEN ROOTS AT EDGE OF ROOTBALL
2. BALL IN BURLAP SHRUBS – CUT & REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL.
3. WHERE SHUBS & GROUNDCOVER ARE PLANTED IN BEDS, EXCAVATE ENTIRE BED & FILL W/ PLANTING BACKFILL MIXTURE.
4. DEPTH OF PLANTING PIT SHALL NOT BE LESS THAN 1-1/2 TIMES THE DEPTH OF THE ROOTBALL.

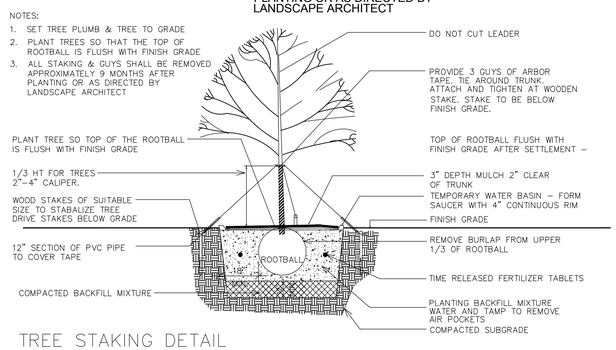


SHRUB PLANTING DETAIL

NOTE:
ALL STAKING & GUYS SHALL BE REMOVED APPROXIMATELY 9 MONTHS AFTER PLANTING OR AS DIRECTED BY LANDSCAPE ARCHITECT

NOTES:

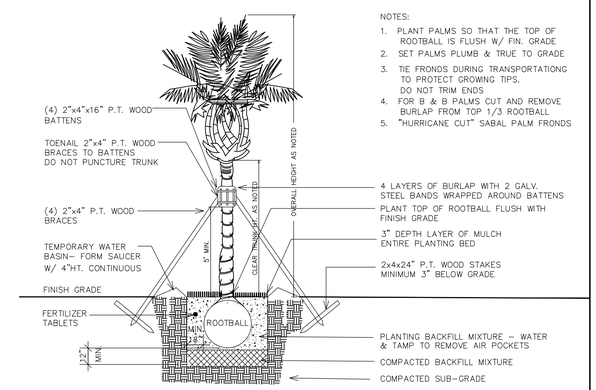
1. SET TREE PLUMB & TREE TO GRADE
2. PLANT TREES SO THAT THE TOP OF ROOTBALL IS FLUSH WITH FINISH GRADE
3. ALL STAKING & GUYS SHALL BE REMOVED APPROXIMATELY 9 MONTHS AFTER PLANTING OR AS DIRECTED BY LANDSCAPE ARCHITECT



TREE STAKING DETAIL

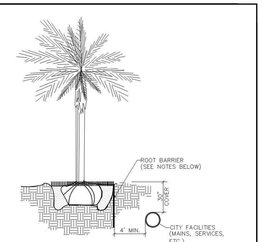
NOTES:

1. PLANT PALMS SO THAT THE TOP OF ROOTBALL IS FLUSH W/ FIN. GRADE
2. SET PALMS PLUMB & TRUE TO GRADE
3. TIE FRONDS DURING TRANSPORTATIONG TO PROTECT GROWING TIPS. DO NOT TRIM ENDS
4. FOR B & B PALMS CUT AND REMOVE BURLAP FROM TOP 1/3 ROOTBALL
5. "HURRICANE CUT" SABAL PALM FRONDS



PALM PLANTING DETAIL

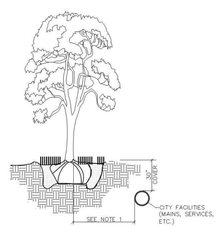
NOTES:
1. SOD AND IRRIGATE TO EDGE OF ROAD.
2. TREE REMOVAL PERMIT IS REQUIRED BY CITY PRIOR TO REMOVAL OF ANY TREES ON SITE.
3. ALL MECHANICAL EQUIPMENT SHALL BE SCREENED FROM VIEW WITH APPROPRIATE SHRUB MATERIAL.



NOTES:

1. ALL ROOT BARRIERS SHALL BE 4' MINIMUM FROM ALL CITY FACILITIES.
2. THE INSTALLATION OF ROOT BARRIERS SHALL BE COORDINATED WITH CITY AND INSPECTED BY CITY PRIOR TO BACKFILLING. ALL ROOT BARRIERS SHALL EXTEND UP TO FINISHED GRADE.
3. ROOT BARRIERS SHALL BE MINIMUM 36" DEEP. APPROVED PRODUCTS INCLUDE "DEEP ROOT" AND "ROOT SOLUTIONS". FLEXIBLE BARRIERS SHALL BE 36" PANELS MANUFACTURED BY BIOBARRIER.
4. ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.

CITY of DELRAY BEACH
ENVIRONMENTAL SERVICES DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444
TYPICAL TREE WITH ROOT BARRIER
LD 1.0



NOTES:

1. THIS DISTANCE SHALL BE 10' MINIMUM FROM ALL CITY FACILITIES IF NO ROOT BARRIER IS USED.

CITY of DELRAY BEACH
ENVIRONMENTAL SERVICES DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444
TYPICAL TREE WITHOUT ROOT BARRIER
LD 2.0

NOTE:
ANY TREES PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS - LD 1.0 AND LD 2.0.

NOTE:
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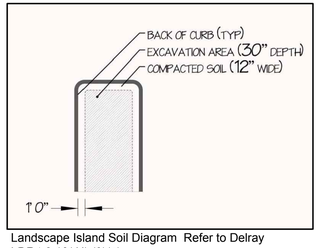

Landscape Island Soil Diagram Refer to Delray LDR4.6.16(H) (3)(n)

General Notes:

1. All plant material shall be Florida No. 1 or better as given in the current Florida Grades and Standards for Nursery Plants, 2015, Florida Department of Agriculture and Consumer Services.
2. All plant materials shall be subject to inspection and approval by the Landscape Architect at place of growth and upon delivery for conformity to specification.
3. All plants shall be true to species and variety and shall conform to measurements specified. All substitutions shall be submitted to the City and Landscape Architect for final approval.
4. All plants shall be exceptionally heavy, symmetrical, tight knit and so trained in appearance as to be superior to form, branching and symmetry.
5. Contractor shall notify Sunshine 811 (call 811) for locations of existing utility lines 48 hours prior to beginning work. Contractor shall verify location of all utility lines and easements prior to commencing any work. Excavation in the vicinity of underground utilities shall be undertaken with care and by hand, if necessary. The Contractor bears full responsibility for this work and disruption or damage to utilities shall be repaired immediately at no expense to Owner.
6. Grade 8+, shredded sterilized Eucalyptus mulch shall be used in all mass planting beds and for individual tree pits. All trees shall have a mulch ring with a depth of 3" and a diameter of 3'- 4' around their base. All mulch shall be kept 4" from base of all plant material. Mulch beds shall be a minimum of 12" wider than plants measured from outside edge of foliage.
7. Sod shall be St Augustine and free of weeds, insects, fungus and disease, laid with alternating and abutting joints.
8. All road rock, concrete, asphalt and all other unnatural materials shall be removed from all landscape areas and replaced with approved planting soil prior to installation.
9. All trees and shrubs shall be backfilled with a suitable planting soil consisting of 50 percent sand and 50 percent approved compost. All plant materials shall be planted with a minimum of 6 to 18 inches of planting soil around the root ball. Refer to planting details. Planting soil to be backfilled into plant pits by washing in. Planting beds shall be free from road, pea, egg or colored rock, building materials, debris, weeds, noxious pests and disease.
10. All sodded areas to have a minimum of 2" of planting soil as described in note #9.
11. All trees shall be warranted by the Contractor and will be healthy and in flourishing condition of active growth one year from date of final acceptance.
12. All shrubs, groundcovers, vines and sod shall be fully warranted for 90 days under same condition as above.
13. All synthetic burlap, synthetic string or cords or wire baskets shall be removed before any trees are planted. All synthetic tape shall be removed from trunks, branches, etc before inspection. The top 1/3 of any natural burlap shall be removed or tucked into the planting hole before trees are backfilled. Planting soil to be backfilled into pits by washing in. Only bio-degradable material can be attached to the trunks of trees.
14. All trees, palms and other plants shall be planted with the top of their rootballs 1"-2" above finished grade. All other plants shall be planted with top of their rootballs no deeper than the final grade surrounding the planting area. If trees are containerized, the rootballs shall be shaved at the periphery and radial slices made to correct all circling roots and rootball deficiencies.
15. In areas where paved surfaces abut sod or mulch, the final level of both surfaces should be even.
16. All planting shall be installed with fertilizer at time of planting.
17. All planting shall be installed in a sound, workmanlike manner and according to good planting procedures. Installation shall include watering, weeding, fertilizing, mulching, selective pruning and removal of refuse and debris on a regular basis so as to present a neat and well kept appearance at all times.
18. All landscape and sod areas shall have an automatic irrigation system installed. Coverage should be 100% with 100% minimum overlap using rust free water to all landscape and sod areas. Spray upon public sidewalks, streets and adjacent properties should be minimized. Sodded areas and shrub/ groundcover beds should be on separate irrigation zones when feasible for a more efficient system. Irrigation system shall be installed with a rainswitch device.
19. All landscape and irrigation shall be installed in compliance with all local codes.
20. The plan shall take precedence over the plant list, should there be any discrepancy between the two.
21. A pre-construction meeting with the City Urban Forestry Department is required prior to the installation of any plant material
22. All tree work shall be permitted and performed by a City of Delray Beach Tree Trimmer.
23. Trees shall not be planted within 10 feet of any underground utility. Per City of Delray Beach trees can be planted within four feet of utility lines with proper root barrier.

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG.
It's Easy, It's Free, It's the Law.
Call 811 two business days before digging

1 / L–2 LANDSCAPE DETAILS & NOTES
SCALE : N.T.S.

NORTH

Kimberly Moyer, RLA
Landscape Architecture
(954) 592-3695
Lic. No. #LA0000952

GALLO HERBERT ARCHITECTS
1311 W NEWPORT CENTER DRIVE DEERFIELD BEACH, FLORIDA 33442
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AA26001731

SEAL

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DELRAY BUSINESS INCUBATOR

905 SW 14th AVE.
DELRAY BEACH, FL
33444

OWNER

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PROJECT STATUS
SCHEMATIC DESIGN

DATE
2019-07-23

PROJECT NUMBER
10-2018

SCALE
AS NOTED

DRAWN BY: K.M.
CHECKED BY: K.M.

DRAWING TITLE
LANDSCAPE DETAILS & NOTES

DRAWING NUMBER
L-2