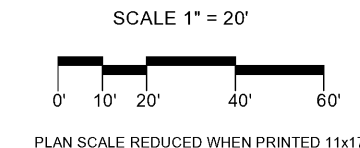


SITE CALCULATIONS

INTERNAL UTILITY EASEMENT - NO TREES OR LARGE SHRUBS SHALL BE PLANTED INSIDE THESE ZONES. ALL TREES IN ISLANDS ARE LOCATED OUTSIDE OF EASEMENT, MIN. 10' FROM BACK OF CURB



Landscape Calculations

Site Data
 Zoning: Special Development Area
 Landuse: Commercial
 Project Area: 46,234 SF (1.06 AC)

Open Space Requirements
 15% Open space required
 46,234 x 15% = 6,935 sf required and 12,170 sf provided per hatching

General Landscape Requirements
 Commercial developments require:
 1 tree per 3,500 sf
 45,254 / 3,500 = 13 Trees Required and 13 Provided.
 The below minimums are required per Pelican Preserve Development Regulations.

0.4 Canopy Tree per 4,000 sf = 5 Canopy Trees
 .1 Sub Canopy Tree per 2,000 sf = 1 Sub Canopy Tree
 2 shrubs per 4,000 sf = 23 Shrubs

Internal Parking Landscape Requirement
 Internal landscape area of 8% of the parking area is required.

18,433 SF x 8% = 1,475 SF required and 3,820 SF (18%) provided per hatching

Per Sec. 241(3), Curved parking islands, peninsulas and medians require 1 Tree and 10 Shrubs per 200 SF.

1,475 SF Parking Islands / 200 sf = 8 Trees Required and 8 provided, labeled as (P) Parking Trees.

1,475 SF Parking Islands exist / 200 sf = 7.37 x 10 Shrubs = 74 Shrubs Required and 80 Provided

Building Perimeter Planting

A required 10% of the proposed gross footprint must be provided for the building perimeter planting area. Abutting all side excluding loading area, with 5' width and maximum of 10% of total area as turf.

(Bldg) 6,300 SF of buildings x 10% = 630 SF required.
 930 SF provided per hatching

Buffer Requirements

Buffers per Pelican Preserve Development Standards
NORTH BUFFER :

COMMERCIAL TO R.O.W.
 10' Type "A" Buffer Required and provided through existing plantings. Sabal Palm Clusters and Live Oaks with a double hedge row.

Any damaged landscape material shall be restored prior to certification.
 w/ street trees per code and 66 shrubs per 100 lf

225 lf / 100 x 12 = 22 shrubs required and provided through existing plantings.

WEST BUFFER :

COMMERCIAL TO COMMERCIAL.
 No Buffer Required.

SOUTH BUFFER :

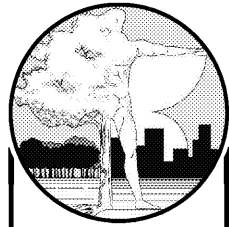
COMMERCIAL TO COMMERCIAL.
 No Buffer Required.

EAST BUFFER :

COMMERCIAL TO COMMERCIAL.
 No Buffer Required.

GENERAL LANDSCAPE NOTES

- THE QUALITY OF ALL PLANT MATERIAL WILL MEET THE STANDARDS FOR FLORIDA GRADE NO.1 (or better), AS GOVERNED IN "GRADES AND STANDARDS FOR NURSERY PLANTS".
- ALL PLANTED TREES AND PALMS WILL HAVE A 3" DEEP SAUCER CONSTRUCTED FROM THE TRUNK OF THE TREE OR PALM. MINIMUM OF 4" DIAMETER.
- ALL PLANTING BEDS SHALL BE COVERED WITH A 3" MINIMUM DEPTH OF MULCH AND SHALL BE WEED FREE. MULCH SHALL BE GRADE B OR BETTER. CONTRACTOR SHALL REMOVE ANY VEGETATIVE GROWTH AND APPLY A PRE-EMERGENT WEED KILLER PER SPECIFICATIONS PRIOR TO MULCHING.
- NO CODE REQUIRED PLANTINGS SHALL BE INSTALLED IN EASEMENTS.
- ANY AND ALL EXOTIC VEGETATION INCLUDING: CARLETT ACACIA, WOMAN'S TONGUE, SPYWOOD, AUSTRALIAN PINE, CARROTWOOD, ROSEWOOD, AIR PLANT, MURRAY RED GUM, WEEPING FIG, CUBAN LABEL FIG, JAPANESE CLIMBING FERN, OLD WORD CLIMBING FERN, MELALEUCA, DOWNY ROSE MYRTLE, CHINESE TALLOW, BRAZILIAN PEPPER, FLORIDA HOLLY, TROPICAL SOD APPLES, JAVA PLUM, ROSE APPLE, CORK TREE AND WEDELIA, ON THE PROPERTY SHALL BE COMPLETELY REMOVED AND DISPOSED OF OFF SITE BY THE CONTRACTOR. THE SITE SHALL BE MAINTAINED FREE OF INVASIVE EXOTIC VEGETATION IN PERPETUITY.
- TREES SHALL BE A MINIMUM OF HEIGHT AS INDICATED IN THE PLANT LIST AND MEASURED AT 1' ABOVE GROUND LEVEL.
- REFER TO LANDSCAPE SPECIFICATIONS FOR ADDITIONAL LANDSCAPE REQUIREMENTS.
- REFER TO ENGINEERING PLANS FOR ADDITIONAL SPECIFICATIONS.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE LOCATIONS OF ALL UTILITIES AND ALL SITE CONDITIONS PRIOR TO THE START OF LANDSCAPE INSTALLATION.
- FERTILIZER SHALL BE IN ACCORDANCE WITH SPECIFICATIONS AND LOCAL ORDINANCES.
- IT SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO FINE GRADE ALL PLANTING AND SODDING AREAS PRIOR TO PLANT OR SOD INSTALLATION. CONTRACTOR SHALL OBTAIN OWNER APPROVAL OF FINAL GRADES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE TAKEOFFS. PLANT LIST IS PROVIDED FOR REFERENCE ONLY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LANDSCAPE MAINTENANCE UNTIL FINAL ACCEPTANCE AND WORK SHALL BE IN COMPLIANCE WITH SPECIFICATIONS.
- CONTRACTOR SHALL REMOVE ALL TAGS, TAPE AND SUPPORTS (EXCEPT STAKING GUYS) FROM ALL PLANTINGS PRIOR TO FINAL ACCEPTANCE.
- ALL AREAS OF THE SITE SHALL BE SODDED OR SEEDDED IN ACCORDANCE WITH PLANS.
- THE REQUIRED PLANTINGS SHALL BE IRRIGATED IN ACCORDANCE WITH CITY REQUIREMENTS.
- THE PARKING LOTS SHALL BE SLEEVED FOR IRRIGATION BY THE LANDSCAPE CONTRACTOR. COORDINATE WITH CIVIL ENGINEERING PLANS.
- ALL BASE ROCK SHALL BE REMOVED FROM LANDSCAPE PARKING ISLANDS.
- ALL CODE REQUIRED LANDSCAPING SHALL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM. SYSTEM TO INCLUDE A RAIN SWITCH SHUT OFF AND ALL BACKFLOW DEVICES AS REQUIRED BY LOCAL UTILITY PROVIDERS.
- THE CONTRACTOR SHALL PROVIDE (PRESSURE COMPENSATING SCREENS) AS NECESSARY TO REDUCE OR ELIMINATE OVERSPRAY INTO STREETS, WALKS OR OTHER AREAS AS DICTATED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- CONTRACTOR TO PROVIDE BACKFLOW DEVICE AND METERING AS REQUIRED BY CITY OF FORT MYERS UTILITIES.



DMJA

DAVID M. JONES, JR.
 AND ASSOCIATES, INC.

LANDSCAPE ARCHITECTS
 AND PLANNERS

2221 McGregor Blvd.
 Fort Myers, Florida 33901
 PHONE: (239) 337-5525
 FAX (239) 337-4494

4161 Tamiami Trail, Bldg. 5, 11th Fl.
 Punta Gorda, Florida 33950
 PHONE: (941) 639-2450
 FAX (941) 639-2438
 L.A. LICENSE: LC 000063

PROJECT INFORMATION:

PELICAN PRESERVE OUTPARCEL 1
 Colonial Blvd
 Fort Myers, Florida

PREPARED FOR:
 Banks Engineering
 10511 Six Mile Cypress Parkway
 Fort Myers, FL 33966
 Tel: 239-939-5490
 Fax: 239-939-2523

CONSULTANT:

DESIGN PROFESSIONAL:

GREGORY J. DISERIO, RLA
 RLA NO. 840 DATE
 STATE OF FLORIDA

PROJECT NO.	220083
PROJECT MGR.	Greg Diserio
FILE NAME:	TIRE KINGDOM
DESIGNER:	GJD
CAD TECH:	GJD
CHECKED BY:	GJD
ISSUED FOR:	SITE PERMITTING

ISSUED DATE: AUG. 19, 2020

REVISIONS:

SHEET TITLE:
LANDSCAPE CALCULATIONS

SHEET NUMBER:
L-1

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