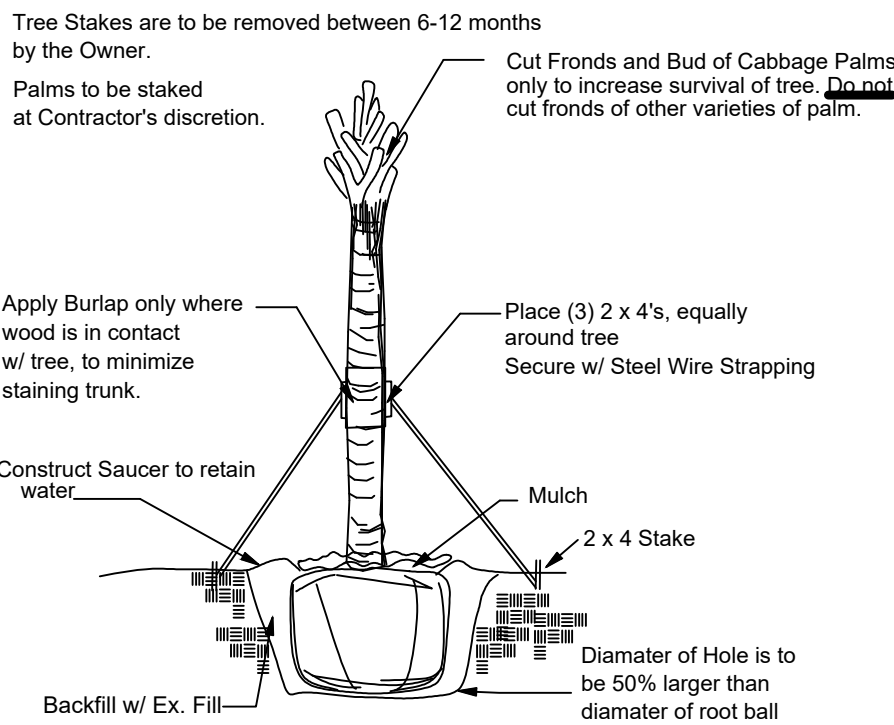


SITE DATA		
Total Site Area	26,014 SF	
Building Area	10,224 SF	
Vehicular Use Area	11,050 SF	
Total Impervious	21,274 SF	
Total Pervious	4,740 SF	
LANDSCAPE CALCULATIONS		

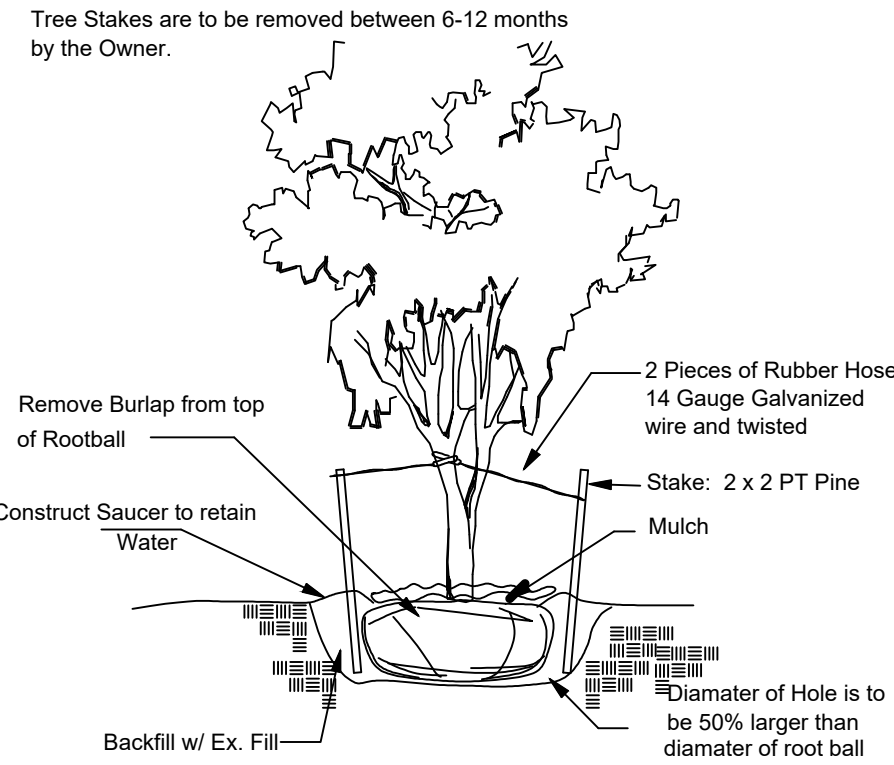
- MINIMUM NUMBER OF CANOPY TREES REQUIRED  
Based on 1 tree / 3000 sf of pervious lot area - 4,740 SF
- I. VEHICULAR USE AREAS - Section 30-439. (b)  
10% x 11,050 S.F. = 1,105 S.F. = 711 SF  
(Pavement Area) (Required Interior Landscape Area) (Provided Interior Landscape Area)  
1,105 S.F. / 250 = 4 Trees (No. Trees Required) 4 Trees (No. Trees Provided)
- II. PERIMETER BUFFERS (Alternative "C")  
Section 30-266. (c)(1) & Section 30-441 (g)  
Alternative Type "C" - Minimum Width = 10 ft. (Elkcam Circle Overlay)  
300 L.F. / 30 = 10 Trees (Perimeter of Site adjacent to R.O.W. (# Trees Required) (# Trees Provided))
- III. PERIMETER BUFFERING (Alternatives "A")  
Section 30-266. (c)(2) & Section 30-441 (g)  
Type "A" - Minimum Width = 5 ft. (Elkcam Circle Overlay)  
121 L.F. / 30 = 4 Trees (Perimeter L.F. (# Trees Required) (# Trees Provided))
- IV. BUILDING PERIMETER PLANTINGS  
Section 30-266. (c)(4) & 30-440. (a)(4)  
10,224 S.F. x 10% = 1,022.4 SF (Building Perimeter) (Foundation Plantings Req.) (Foundation Plantings Provided.)  
1,023 SF
- TOTAL TREE REQUIRED: 20  
TOTAL TREE PROVIDED: 22-(Overhead Wires - \*\*4 Silver Buttonwood = 2 Canopy Trees)

PLANT SCHEDULE									
TREES	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	SPEC.	NATIVE			
BS	4	BURSERA SIMARUBA / GUMBO LIMBO	65 GAL	3" CAL	12'-14' Ht. 6' SPROD. 7' CT	Y			
COD	2	COCOLOBA DIVERSIFOLIA / PIGEON PLUM	65 GAL	3" CAL	12'-14' Ht. 6' SPROD. 7' CT	Y			
COE	5	CONOCARPUS ERECTUS / GREEN BUTONWOOD	65 GAL	3" CAL	12'-14' Ht. 6' SPROD. 7' CT	Y			
COE2	4	CONOCARPUS ERECTUS SERICEUS / SILVER BUTONWOOD	65 GAL	3" CAL	12'-14' Ht. 6' SPROD. 7' CT	Y			
EXISTING RR	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	SPEC.	NATIVE			
RR	2	ROYSTONIA REGIA / EX. ROYAL PALM	TO REMAIN						
PALM EX	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	SPEC.	NATIVE			
EX	7	LEUCOSTERNA MCKENZIEI / KEY THATCH PALM	FG	3" x 4" OA	SINGLE	Y			
PFE	4	PTYCHOSPERMA ELEGANS / ALEXANDER PALM	FG	10'-12' OA	SINGLE	N			
ROR	5	ROYSTONIA REGIA / ROYAL PALM	FG	12' CT	22'-24' OA	Y			
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	SPEC./SPACING	NATIVE			
CH	10	CHRISTOPHARANUS KAWAII / COCCOPLUM	3 GAL	24" OA	3' OC	Y			
EL	46	ERINODEA LITORALIS / GOLDEN CREEPER	3 GAL	12'-15' OA	3' OC	Y			
ID	27	ILEX VOMITORIA 'SCHILLINGS DWARF' / DWARF SCHILLINGS HOLLY	3 GAL	12'-15' OA	3' OC	Y			
PSN	37	PSYCHOTRIA NERVOZA / WILD COFFEE	3 GAL	18'-24' OA	3' OC	Y			
TD	18	TRIPSACIUM X DACTYLOIDES / HALF-A-HATCHEE GRASS	3 GAL	15'-18" OA	3' OC	Y			
ZF	14	ZAMIA FLORIDANA / COONIE PALM	3 GAL	12'-15" OA	3' OC	Y			
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	NATIVE			
MS	38	MIMOSA STIGMULOSA / SENSITIVE PLANT	1 GAL	FULL POT	2' OC	Y			
SS	2,361 SF	STENOCLAPHRUM SECUNDATUM / FLORITAM SOD	SOD		PALETTE	Y			
REFERENCE NOTES SCHEDULE									
SYMBOL	MULCH DESCRIPTION	QTY	DETAIL						
(M-101)	COCO BROWN MULCH	25.81 CY							
	DENOTES INTERIOR LANDSCAPE AREA								
	DENOTES FOUNDATION LANDSCAPE AREA								
*RIGHT-OF-WAY AREAS DISTURBED DURING CONSTRUCTION SHALL BE SODDED BAHIA SOD.									
*IF A ROYAL PALM TO REMAIN IS REMOVED, A CODE MINIMUM ROYAL PALM IS TO BE SUBSTITUTED.									
EXISTING IRRIGATION SYSTEM TO BE MODIFIED TO PROVIDE 100% COVERAGE OF PLANT MATERIALS.									
LANDSCAPE SPECIFICATIONS AND WARRANTIES									
1.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERABLE SYSTEM FOR THE IRRIGATION OF ALL NEW LANDSCAPE PLANTINGS ON SITE. PLANS AND SPECIFICATIONS MAY NOT INDICATE ALL ITEMS NECESSARY FOR THE PROPER IRRIGATION OF THE PROJECT. THIS SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO FURNISH LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR A COMPLETE AND PROPER SYSTEM.								
2.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING HEAD LOCATION, TYPE, SIZE, AND ANY OTHER SYSTEM COMPONENTS TO COMPLY WITH THE REQUIREMENTS OF THE LANDSCAPE PLANTINGS AS INSTALLED. SUCH ADJUSTMENTS SHALL BE MADE WHEN AUTHORIZED IN WRITING BY OWNER. SUCH ADJUSTMENTS WILL BE COMPENSATED AT THE PRICES INDICATED IN THE PROPOSAL.								
3.	CONTRACTORS SHALL PERSONALLY EXAMINE THE SITE AND FULLY ACQUAINT THEMSELVES WITH ALL OF THE EXISTING CONDITIONS IN ORDER THAT NO MISUNDERSTANDING MAY AFTERWARDS ARISE TO THE CHARACTER OR AS TO THE EXTENT OF THE WORK TO BE DONE AND, LIKEWISE, IN ORDER TO ADVISED AND ACQUAINT THEMSELVES WITH ALL PRECAUTIONS TO BE TAKEN IN ORDER TO AVOID INJURY TO PERSON OR PROPERTY.								
4.	THE CONTRACTOR SHALL MAKE EVERY POSSIBLE EFFORT TO AVOID EXISTING PLANT MATERIAL THAT HAS BEEN TAGGED FOR PRESERVATION. WHERE SUCH MATERIAL FALLS IN THE PATH OF TRENCHING, THE CONTRACTOR SHALL REROUTE THE PIPE OR HAND TRENCH AS NECESSARY, TO PROTECT THE DESIGNATED PLANT MATERIAL. ANY DAMAGE CAUSED BY THE CONTRACTOR TO NEWLY INTRODUCED PLANT MATERIAL OR SOD SHALL BE RESTORED TO ITS ORIGINAL CONDITION PRIOR TO FINAL ACCEPTANCE.								
5.	DURING CONSTRUCTION, ALL REASONABLE STEPS NECESSARY TO PREVENT THE DESTRUCTION OR DAMAGING OF EXISTING VEGETATION SHALL BE TAKEN. NO EXCESS SOIL, ADDITIONAL FILL, EQUIPMENT, LIQUIDS, OR CONSTRUCTION DEBRIS SHALL BE PLACED WITHIN THE DRILLPIPE OF ANY VEGETATION THAT IS TO BE PRESERVED, OR THAT WILL BE CREDITED TOWARDS THE REQUIRED LANDSCAPING. PROTECTIVE BARRIERS SHALL BE INSTALLED AND MAINTAINED BEYOND THE DRILLPIPE OF ALL RETAINED VEGETATION, AND SHALL REMAIN IN PLACE FOR THE DURATION OF THE CONSTRUCTION PROCESS PHASE.								
6.	INVASIVE PLANTS SHALL BE REMOVE AND CONTROLLED BY LANDSCAPE CONTRACTOR IN PERPETUITY.								
7.	ALL PLANTS SHALL BE FLORIDA NO.1 OR BETTER.								
8.	ALL PLANTING AREA TO BE MULCHED WITH A MIN. 3" OF A CLEAN MULCH THAT CONTAIN NO MORE THAN 25% CYPRESS.								
9.	CONTRACTORS SHALL BE FAMILIAR W/ MARCO ISLAND LANDSCAPE CODE.								
10.	CONTRACTOR SHALL VERIFY ALL QUANTITIES INDICATED AT TIME OF BID.								
11.	ALL CONTRACTORS WORKING ON THE PROJECT SHALL BE LICENSED AND FULLY INSURED AS REQUIRED.								
12.	THE CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ALL DEAD PLANT MATERIALS THAT OCCURS DURING THE WARRANTY PERIOD.								
13.	THE PROPERTY OWNER IS RESPONSIBLE FOR REPLACEMENT OF ALL DEAD LANDSCAPE MATERIAL AND FOR MAINTENANCE OF THE REQUIRED IRRIGATION SYSTEM AFTER THE WARRANTY PERIOD ENDS. CONTRACTOR IS RESPONSIBLE TO FERTILIZE ALL NEW TREES, PALMS, SHRUBS, AND GROUND COVERS WITH LOW RELEASE FERTILIZER W/MINORS AT INSTALLATION.								
14.	TRESS AND PALM STAKING SHALL BE REMOVED BETWEEN 6 AND 12 MONTHS BY THE CONTRACTOR.								
15.	ALL TREES AND PALMS SHALL BE WARRANTED FOR 12 MONTHS FROM FINAL ACCEPTANCE BY OWNER.								
16.	SHRUBS SHALL BE WARRANTED FOR 6 MONTHS FROM FINAL ACCEPTANCE BY OWNER.								
17.	SOD AND ANNUALS SHALL BE WARRANTED FOR 2 MONTHS FROM FINAL ACCEPTANCE BY OWNER.								
18.	EXISTING IRRIGATION TO BE MODIFIED TO ACCOMMODATE NEW LANDSCAPE.								

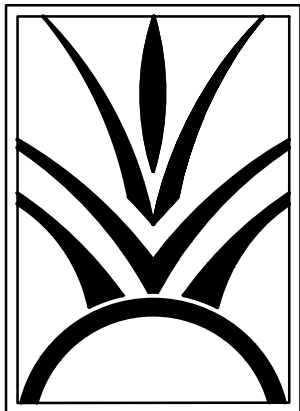
99% Native



Palm Tree Planting & Staking Detail - NTS



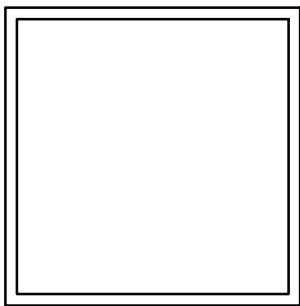
Tree Planting & Staking Detail - NTS



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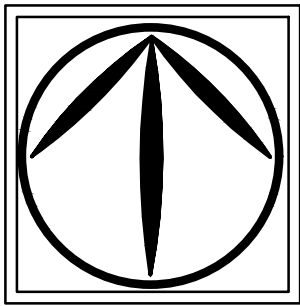
SDP LANDSCAPE/IRRIGATION PLAN FOR:  
**WALKER TRANSPORTATION BUILDING**  
1000 NORTH BARFIELD DR., MARCO ISLAND, FL



Daniel R. Isaacson, RLA  
LA #0001512

Rev: 09/30/20  
Rev: 09/25/20  
Rev: 10/1/19  
Date: 06/23/19

Scale: 1"=16'



North

L-1

BASE INFORMATION PROVIDED BY GINA R. GREEN, P.E.

SITE DIMENSIONS PROVIDED BY OTHERS ASSUMED TO BE CORRECT. THIS PLAN REMAINS THE PROPERTY OF ISAACSON LANDSCAPE ARCHITECTURE GROUP, INC. THIS PLAN CAN NOT BE USED IN FULL OR IN PART WITHOUT THE WRITTEN APPROVAL OF ISAACSON LANDSCAPE ARCHITECTURE GROUP, INC.