

TREE NUMBER	TREE	TRUNK	Tree CAL	Palm CAL	PALM	FATE	# TREES RELOCATE	# TREES REMOVE	# PALMS RELOCATE	# PALMS REMOVE	CONDITION
1					Royal Palm	PRESERVE					
2				14"	Royal Palm	PRESERVE					
3				15"	Royal Palm	RELOCATE					
4				14"	Triangle Palm	RELOCATE			1		
5		Trile		10"	Christmas Palm	RELOCATE			1		
6				18"	Royal Palm	RELOCATE			1		
7				12"	Sabal Palm	RELOCATE			1		
8				9"	Coconut Palm	RELOCATE				1	LETHAL YELLOWING
9	Cape Myrtle	Multi		6"	Sabal Palm	PRESERVE		1			
10				9"	Sabal Palm	RELOCATE					
11				14"	Sabal Palm	RELOCATE					
12		Double		10"	Coconut Palm	PRESERVE			1		
13		Multi		30"	Areca Palm	PRESERVE					
14		Multi		30"	Areca Palm	PRESERVE					
15		Multi		30"	Areca Palm	PRESERVE					
16				7"	Coconut Palm	RELOCATE			1		
17				9"	Coconut Palm	PRESERVE					
18				27"	Areca Palm	RELOCATE			1		
19				18"	Areca Palm	RELOCATE			1		
20				18"	Areca Palm	RELOCATE			1		
21		Multi		42"	Areca Palm	RELOCATE			1		
22	Mango	Multi	25"	9"	Areca Palm	RELOCATE		1			
23				9"	Coconut Palm	MITIGATE			1		
24		Multi		43"	Coconut Palm	RELOCATE			1		
25		Multi	61"	32"	Reclinata	RELOCATE			1		
26	Traveler's Tree	Multi	32"			RELOCATE			1		
27	Traveler's Tree	Multi	118			RELOCATE			17		
TOTALS				425					17		1

LANDSCAPE CALCULATIONS
211 East Ocean
GROSS SITE AREA .319 +/- AC. (13,936 SF)

LANDSCAPE STATISTICS:

BUFFERS
SOUTH 5' R.O.W. BUFFER (110.23 LF LESS 27 LF OF DRIVEWAY/WALKWAYS = 84 LF)
TREES/PALMS
(1) TREE PER 30 LF (84 LF DIVIDED BY 30) = 3 TREES/PALMS REQUIRED & PROVIDED
CAL INCHES REQUIRED: 3 X 4" = 12 CAL INCHES
CAL INCHES PROVIDED: (2) DAHOON HOLLY @2.5" AND (3) COCONUT PALMS @ 6" = 18", TOTALING 23 CAL INCHES
PLUS HEDGESHRUBS
HEDGESHRUBS 2' HT SPACED 2' O.C. = 84 LF DIVIDED BY 2=42 PLANTS REQUIRED
PLANTS PROVIDED: (37) COCOPLUM AND (50) GREEN ISLAND FICUS, TOTALING 87 SHRUBS

WEST 5' BUFFER 2' WIDE PLANTING STRIP ALONG PROPERTY LINE (126.44 LF)

TREES/PALMS

(1) TREE PER 30 LF (126.44 LF DIVIDED BY 30) = 5 TREES/PALMS REQUIRED & 5 TREES/PALMS HAVE BEEN PROVIDED
CAL INCHES REQUIRED: 5 X 4" = 20.
CAL INCHES PROVIDED: (5) 2.5" DAHOON HOLLY AND (4) 12" CAL SABAL PALMS TOTALING 60 CAL INCHES PROVIDED
PLUS HEDGESHRUBS
126.44 LF DIVIDED BY 2' = 64 REQUIRED SHRUBS AND 79 SHRUBS HAVE BEEN PROVIDED

NORTH 5' BUFFER (110.22 LF)

TREES/PALMS

(1) TREE PER 30 LF (110.22 LF DIVIDED BY 30) = 4 TREES/ PALMS REQUIRED & 4 TREES/ PALMS HAVE BEEN PROVIDED
CAL INCHES REQUIRED: 4X4" = 16 CAL INCHES
CAL INCHES PROVIDED: AS MANY RELOCATED TREES & PALMS THAT CAN PHYSICALLY FIT IN THE NORTH 5' BUFFER PLUS
(2) EXISTING MANGO TREES & (1) MULTITRUNK GRAPE MYRTLE THAT ARE LOCATED IN THE ADJACENT EASEMENT THAT
TOTAL .104 CAL INCHES
PLUS HEDGESHRUBS
2' HT SPACED 2' O.C. = 110.22 LF LESS 25 FOR ACCESS TO THE POWER LINE EASEMENT AND
GARBAGE TRUCK TURN AROUND = 86' DIVIDED BY 2 = 46 PLANTS REQUIRED & OVER 50 PLANTS HAVE BEEN PROVIDED.

EAST 5' BUFFER (126.48 LF)

TREES/PALMS

(1) TREE PER 30 LF (126.48 LF DIVIDED BY 30 = 5 TREES/ PALMS REQUIRED
CAL INCHES REQUIRED: 5X4" = 20. CAL INCHES REQUIRED
CAL INCHES PROVIDED: (3) ARECA PALMS ADD UP TO 87 CAL INCHES PLUS (1) 9" SABAL PALM TOTAL 96 CAL INCHES
PLUS HEDGESHRUBS
126.48 LF DIVIDED BY 2' = 64 REQUIRED SHRUBS AND OVER 86 SHRUBS HAVE BEEN PROVIDED

MITIGATION:

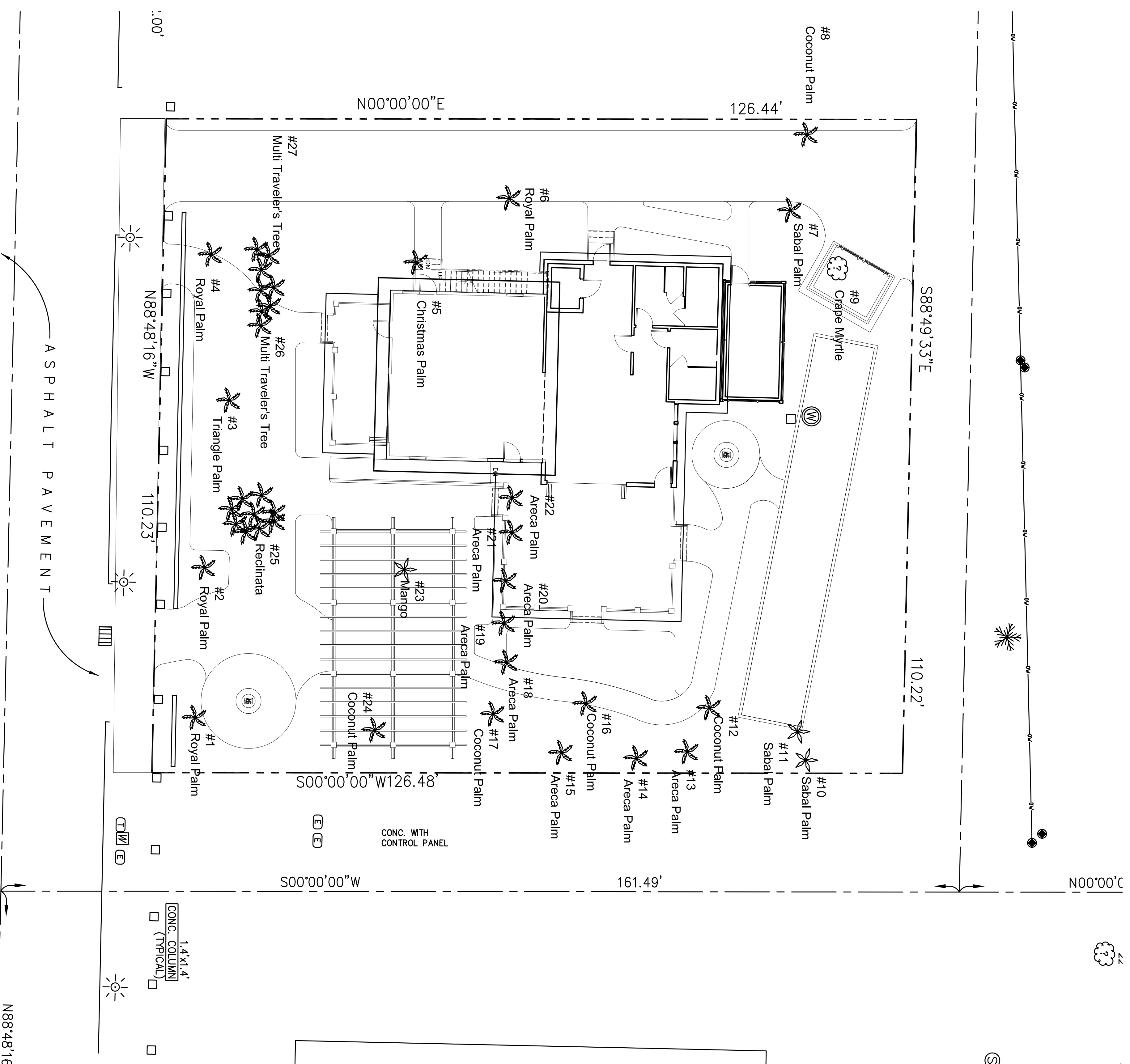
(1) 25" CAL MANGO TREE IS TO BE REMOVED AND MITIGATED
(6) 4" CAL LIVE OAK TREES PLUS (1) 2.5" CAL DAHOON HOLLY TREE = 26.5 CAL INCHES TO BE PLANTED ON SITE TO
MITIGATE FOR THE REMOVAL OF THE MANGO TREE

SHADE TREES: 16 NATIVE TREES & 6 LOW WATER USE DIVIDED BY 22 TOTAL TREES = 100% NATIVE & LOW WATER USE
PROVIDED:

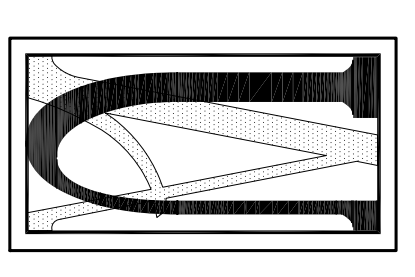
PALMS: 4 NATIVE PALMS & 16 LOW WATER USE PALMS DIVIDED BY 23 TOTAL PALMS = 86% LOW WATER USE PROVIDED;
SHRUBS: 352 NATIVE & 189 LOW WATER USE DIVIDED BY 834 TOTAL SHRUBS = 64% NATIVE SHRUBS PROVIDED;

Note:

Boundary, topographic, and original tree survey was prepared & provided by Avtrion Associates Inc. Survey and Mapping.
Building and Site plans were prepared and provided by AM Architects.
Tree survey was field verified and updated by Urban Associates, Inc.
Site plan and survey were combined by Urban Associates, Inc. for our use to prepare planting and tree survey plans.



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Tree Survey

Revisions	
Drawn By	LU
Checked By	LU
Date	March 29, 2016
Job. No.	45516
Scale	1" = 10'00"
Sheet Number	TS-1
2016 Urban Associates, Inc.	
211 East Ocean, Boynton Beach, Florida	