#### SCOPE OF WORK

THE FOLLOWING DRAWINGS ILLUSTRATE THE PROPOSED LANDSCAPE SCOPE OF WORK FOR A NEW RESIDENTIAL PROJECT ON PROPERTY LOCATED IN THE NAUTILUS NEIGHBORHOOD OF THE CITY OF

- RESIDENTIAL TREE REMOVAL AND ON SITE MITIGATION
- RESIDENTIAL LANDSCAPE PLANTING
- RESIDENTIAL LANDSCAPE IRRIGATION
- RESIDENTIAL LANDSCAPE SITE LIGHTING

12/07/18 [ 09/07/18 | 08/16/18 [

### SHEET INDEX

LANDSCAPE DRAWINGS

## **DRAWING NOTES**

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SITE LIGHTING PLAN
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IRRIGATION NOTES AND PLAN IR101 IR200



7580 NE 4th Court Studio 100 Miami, FL 33138

PROJECT NUMBER

Designer/ Landscape Architect

PROJECT: 4354 ALTON ROAD RESIDENCES

4354 ALTON RD. MIAMI BEACH, FLORIDA, 33139

DRAWING:

PROJECT COVER SOUTH RESIDENCE

#### SOUTH RESIDENCE





MARSH C. KRIPLEN FLORIDA LIC# LA666700

SCALE: CHECK: DATE: 07/09/2018

**LCVR** 

MCK

TREE DISPOSITION SCHEDULE

PTYCHOSPERMA ELEGANS

6 ADONIDIA MERRILLII

15 PERSEA AMERICANA

TREE - LATIN NAME

TREE No

STREET TREES

7580 NE 4th Court Studio 100 Miami, FL 33138

PROJECT NUMBER



Designer/

PROJECT: ROAD

4354 ALTON RD. MIAMI BEACH, FLORIDA, 33139

TREE DISPOSITION AND **DETAIL** 

Landscape Architect

4354 ALTON RESIDENCES

DRAWING:

NOTES, SCHEDULE TREE PROTECTION

## UNITS REMOVED 154

154

CANOPY SO. FT. ROW CANOPY SO. FT.

REMOVAL-

UNITS REMOVED FROM ROW

MUNICIPAL CRITERIA AND NOTES

TOTAL UNITS REMOVED:	154			
PROPOSED ON SITE MITIGATION BREAKDOWN				TREE
PROPOSED ON SITE WITTIGATION BREAKDOWN		credit/tree		CREDIT
CATEGORY 1 TREE 2" CAL/12' HT MIN:	3	300	Category 1 Tree = 300sf credit/tree	900
CATEGORY 2 TREE 2" CAL/10' HT MIN:	2	150	Category 2 Tree = 150sf credit/tree	300
CATEGORY 3 TREE 2" CAL/8' HT MIN:	-	100	Category 3 Tree = 100sf credit/tree	-
**FOR MITIGATION ONLY** CATEGORY 4 PALM 6' CLR TRUNK MIN:		50	Category 4 Palm = 50sf credit/tree	
TOTAL PROPOSED REPLACEMENT TREES (REFER TO PLANTING PLANS):	5	COMBINATION F	JLFILLS SITE MITIGATION OF CANOPY SF:	1,200

# TRANSPLANTING SPECIFICATIONS

- 1. Root prune all trees and palms to a minimum depth of 24" for the palms and 48" for the trees.
- 2. Trim frayed roots with clippers saws or similar and leave clean cuts.
- 3. Wrap balls with shrink wrap plastic, back filling with Shredded peat moss, fill up voids between plastic & ball, covering all cut roots.

DIAMETER at

BREAST HEIGHT

(in inches)

TREE - COMMON NAME

SOLITAIRE PALM

AVOCADO

CHRISTMAS PALM

OVERALL

HEIGHT

(in feet)

13

14

MULTI

TRUNK

CANOPY

DIAMETER

(in feet)

10

14

20

CANOPY

(in Sq. Ft.)

79

154

314

DISPOSITION

REMOVE

REMOVE

CONDITION

GOOD

FAIR

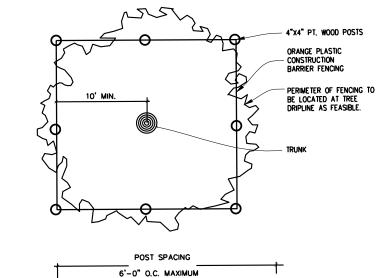
CRITERIA

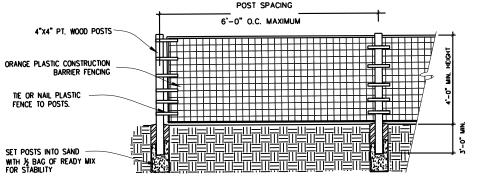
FAIR EXEMPT FROM MITIGATION

CONFLICTS WITH NEW CONSTRUCTION

- 4. Backfill with existing soil to hold plastic firmly against newly wrapped ball. Keep 2" deep trench exposed so as to find root ball when harvesting.
- 5. Water three times per week for next 2 months or until trees are ready to move.
- 6. Harvest palms after 5 weeks minimum and trees after 8 to 10 weeks depending on size. Consult with LA prior to moving on schedule.
- 7.Re-dig holes well outside the postic plant wrap being careful not to disturb or tear, preserving root ball, re-wrap if needed for transplanting.
- 8. When digging trees, break off large piece of existing coral rock, +/- 36" deep as feasible, by under cutting ball. Do Not Peel Ball off Rock. If necessary, the horizontal chipping or drilling may be required to break off specimen Oak ball at a minimum 30" depth
- 9. Replant transplanted trees and palms at correct height in new location, keeping original ball top exposed.
- Properly wrap and hook-up trees and palms to lifting equipment in such a way as to not tear cambium layer and exessivly disfigure appearance.
- 11. Plants that are not properly lifted and die due to girdling, compression or excessive damage to the cambium layer will be charged to the G.C. and Sub-contractor at a rate of \$500 per caliper inch.
- 12. Remove plastic, backfill with 50% existing soil blended with 50% planting soil plus 1/4 bale of Canadian peat moss for palms and 1/2 bale for trees.
- 13. Backfill, sink, place in Agriform fertilizer tablets per recommendations, brace, and trim broken branches and fronds as needed. Brace per specification.
- 14. Water daily for duration of overall job will be required. Having bubblers as part of automatic irrigation system for post construction can supplement additional drenching, but are not a sustitution.







SCALE: CHECK:

MCK 07/09/2018 DATE: SHEET NUMBER

TREE PROTECTION FENCE DETAIL

**TD100** 



7580 NE 4th Court Studio 100 Miami, FL 33138











PROTECTION FENCE

PROJECT NUMBER 1819



Designer/ Landscape Architect

# PROJECT: 4354 ALTON ROAD RESIDENCES

4354 ALTON RD. MIAMI BEACH, FLORIDA, 33139

DRAWING:

TREE DISPOSITION PLAN



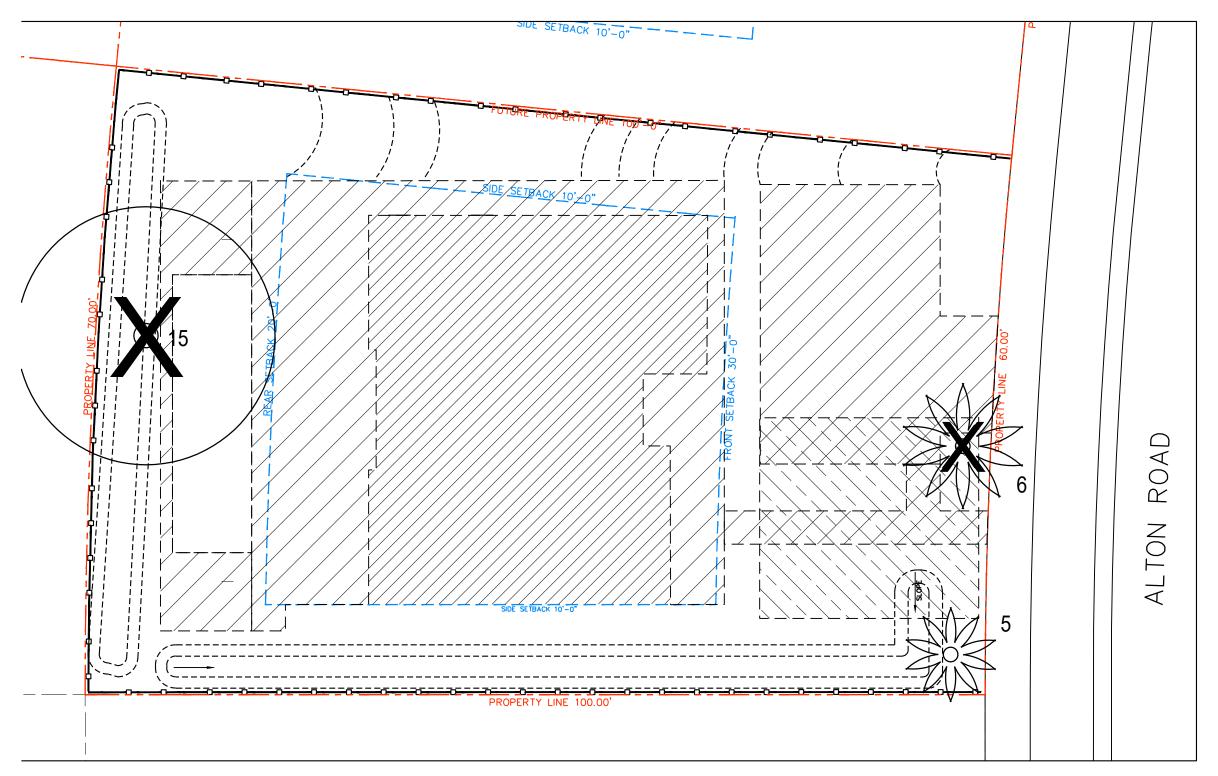
MARSH C. KRIPLEN FLORIDA LLC# LABGG/C.

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EXPRESS WRITTEN CONSENT OF McG ARCHITECTUR
PLANNING, INC. (c) 2018

SCALE:

CHECK: MCK
DATE: 07/09/2018

TD101





SCALE: 3/32" = 1'-0"

## PLANTING NOTES

- PLANT MATERIAL IS TO BE HEALTHY SPECIMENS FREE FROM DISEASE OR DAMAGE, AND IS TO BE MAINTAINED IN EXCELLENT CONDITION WHILE ON THE JOBSITE. LANDSCAPE ARCHITECT SHALL INSPECT PLANT MATERIAL UPON ARRIVAL TO JOBSITE AND WILL REJECT PLANT MATERIAL THAT DOES NOT MEET THE STANDARDS DESCRIBED WITHIN THE CONTRACT DOCUMENTS.
- THE LANDSCAPE ARCHITECT WILL PERIODICALLY INSPECT PLANT MATERIAL STOCKPILED AND/OR PLANTED ON SITE DURING THE COURSE OF CONSTRUCTION. PLANT MATERIAL NOT MEETING THE STANDARDS CONTAINED WITHIN CONTRACT DOCUMENTS SHALL BE REPLACED AT NO COST TO THE OWNER
- PRESERVE & PROTECT ALL EXISTING VEGETATION INDICATED TO REMAIN AT ALL TIMES.
- PROVIDE MATCHING SIZES AND FORMS FOR EACH PLANT OF THE SAME SPECIES UNLESS OTHERWISE INDICATED.
- CONTRACTOR TO VERIFY ALL QUANTITIES. IN CASE OF DISCREPANCIES, GRAPHICALLY SHOWN QUANTITIES SHALL TAKE PRECEDENCE.
- ALL MATERIALS USED SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARDS FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL PLANT MATERIAL SHALL BE INSTALLED PLUMB AND PER THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS. ANY NECESSARY STAKING AND/OR OTHER SUPPORTS MATERIALS/METHODS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL PRUNE EXISTING AND/OR NEW TREES ONLY PER LANDSCAPE ARCHITECT DIRECTION.
- THE CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL TREES AND B&B SHRUBS FOR LANDSCAPE ARCHITECT REVIEW AND APPROVAL, PRIOR TO
- 10. ALL ROOT-WRAPPING MATERIALS THAT ARE NOT BIO-DEGRADABLE SHALL BE REMOVED FROM THE ROOT BALL. ROOT BALLS SHALL BE FREE OF WEEDS.
- 11. SPECIFIED PLANT MATERIAL SIZES SHALL BE CONSIDERED MINIMUM SIZES.
- FINISH GRADE OF PLANTING BEDS SHALL BE TWO (2) INCHES BELOW 12. ADJACENT FLATWORK, UNLESS SPECIFIED OTHERWISE.
- 13. MULCH OR PLANTING BED DRESSING SHALL BE PLACED IN ALL PLANTING AREAS AS SPECIFIED. MULCH OR PLANTING BED DRESSING SHALL NOT BE PLACED WITHIN SIX (6) INCHES OF TREE TRUNKS. MULCHING SHOULD BE REPEATED ANNUALLY DURING THE AUTUMN TO A THREE (3) INCH DEPTH.
- ALL PLANT MATERIAL SHOULD RECEIVE AN ORGANIC FERTILIZER IN LIMITED APPLICATION FOLLOWING INSTALLATION. TYPE AND APPLICATION RATE AND METHOD OF APPLICATION TO BE SPECIFIED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT.
- 15. EXCESS FERTILIZER SHALL BE DISPOSED OF PROPERLY OFF-SITE. IT SHALL NOT BE DISPOSED OF IN STORM DRAINS AND/OR DRYWELLS.
- STOCKPILED PLANT MATERIAL TO BE PLACED IN THE SHADE AND PROPERLY HAND-WATERED UNTIL PLANTED
- MULCH ALL BEDS WITH 2-3" AT TIME OF PLANTING. REFER TO PLANTING DETAILS FOR MULCH SPECIFICATIONS. REPLENTISH MULCH AS REQUIRED OVER THE COURSE OF THE GUARANTEE PERIOD TO ENSURE ADEQUATE
- SIX (6) INCH PLANT MIX SHALL BE PROVIDED FOR ALL LAWN, TURF, AND NATIVÉ PLANTING ZONES. 18 INCH PLANT MIX SHALL BE PROVIDED FOR ALL PERENNIAL PLANTING BEDS UNLESS OTHERWISE NOTED.
- 19. LANDSCAPE CONTRACTOR TO PAINT ALL TREE & PALM SUPPORTS WITH BENJAMIN MOORE ARBORCOAT ASHLAND SLATE EXTERIOR WOOD PAINT. ALL BRACING CUTS TO BE NEAT AND CLEAN, NO CHAINSAW CUTS.
- 20. GUARANTEE PERIOD: CONTRACTOR IS RESPONSIBLE FOR SITE MAINTENANCE AND MATERIAL REPLACEMENT FOR ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. REMOVE AND REPLACE ALL DEAD PLANT MATERIAL OR MATERIAL WHICH IS FAILING AS DETERMINED BY ARBORIST AND LANDSCAPE ARCHITECT. CORRECT DEFICIENCIES WITH MULCH AND IRRIGATION.
- 21. MAINTENANCE PLAN: DURING THE GUARANTEE PERIOD CONTRACTOR SHALL PERFORM THE FOLLOWING TASKS ON A REGULARLY SCHEDULED BASIS. WEEKLY WATERING (JAN-APR) WHEN IRRIGATION SYSTEMS ARE NOT OPERATIONAL
  - WEEKLY SITE INSPECTION FOR PLANT HEALTH, TREE/PALM GUYING, IRRIGATION OPERATION.
  - QUARTERLY FERTILIZATION (MAR-SEPT) APPROPRIATE FOR MATERIAL (REF IFAS PUBLICATION ENH858)
  - WEEKLY MOWING OF LAWNS AND PLANT BED WEEDING DURING THE GROWING AND SHOULDER SEASONS. MONTHLY VISITS FOR SAME OVER WINTER.

#### PLANTING SCHEDULE

TYPE	ABR.	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
PALMS	-				
	BNO	2	BISMARCKIA NOBILIS	BISMARCK PALM	10' GW, MATCHED
	DCA	3	DYPSIS CABADAE	CABADA PALM	45 GAL
	DCAa	3	DYPSIS CABADAE	CABADA PALM	100 GAL

TREES					
*/***	ACH	2	ACACIA CHORIOPHYLLA	CINNECORD	2" CAL. & 12' HT. MIN.
**	CGR	3	CAESALPINIA GRANADILLO	BRIDAL VEIL- 4' CLR TRUNK	3" CAL. & 14' HT. MIN.
*/***	CRO	1	CLUSIA ROSEA	AUTOGRAPH TREE	4" CAL. & 16' HT. MIN
*/***	CUV	1	COCOLOBA UVIFERA	SEA GRAPE- MULTI-TRUNK SPECIMEN	3" CAL. & 14' HT. MIN
*/***	PPT	1	PELTOPHORUM PTERCARPUM	COPPER POD	2" CAL. & 12' HT. MIN.
*/***	QVI	1	QUERCUS VIRGINIANA	LIVE OAK- SPECIMEN	3" CAL. & 14' HT. MIN.

UNDERSTO	RY TREES	/ LARGE SHRUBS		
GL	U 2	GYMNANTHES LUCIDA	CRABWOOD- MULTI TRUNK	6' HT. & 4' SPREAD MIN.
MF	R 5	MYRCIANTHES FRAGRANS	SIMPSON STOPPER- LOW BRANCHING	6' HT. & 4' SPREAD MIN.

ACCENTS /	SHRUBS			
AG	12	ARGUSIA GNAPHALODES	SEA LAVANDER	7 GAL
BA	7	BRUNFELSIA AMERICANA	LADY OF THE NIGHT	3 GAL
CWI	8	CANELLA WINTERANA	CINNAMON BARK	15 GAL
CO	11	COLOCASIA 'BLACK MAGIC'	BLACK TARO	7 GAL
Cs	8	COLOCASIA SPECIES	TARO	7 GAL
EFE	1	ENCEPHALARTOS FEROX	ZULULAND CYCAD	15 GAL
EAX	2	EUGENIA AXILLARIS	WHITE STOPPER	15 GAL, BUSH FORM
ECO	4	EUGENIA CONFUSA	REDBERRY STOPPER	15 GAL, BUSH FORM
MD	7	MONSTERA DELICIOUSA	MONSTERA	3 GAL
HC	3	HELICONIA CARIBAEA	WILD PLANTAIN	7 GAL
HR	6	HELICONIA ROSTRATA	LOBSTER CLAW	15 GAL
PM	23	PODOCARPUS MACROPHYLLUS	JAPANESE YEW	25 GAL. 6' HT MIN., MATCHE
RE	11	RUSSELIA EQUISETIFORMIS	FIRECRACKER	3 GAL
ZI	2	ZAMIA INTEGRIFOLIA (FLORIDANA)	COONTIE	7 GALLON

GROUNCOVER							
	LM	56	LIRIOPE MUSCARI	LILY TURF	1 GALLON		
	MS	96	MICROSORUM SCOLOPENDRIA	WART FERN	1 GALLON		
	PB	84	PHILODENDRON BURLE MARX	PHILODENDRON BURLE MARX	1 GALLON		
	TA	57	TRACHELOSPERMUM ASIATICUM	CREEPING JASMINE	1 GALLON		

ORNAMENTAL GRASSES						
	S	ВА	4	SPARTINA BAKERI	SAND CORDGRASS	7 GALLON
	T	DA	3	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	7 GALLON

LAWN					
	LAWN 690 SF	STENOTAPHRUM SECUNDATUM	ST. AUGUSTINE GRASS	SOD	

## TREE AND PALM ALLOCATION LEGEND

- MITIGATION
- STREET TREE
- \*\*\* SITE LANDSCAPE

## DEFINITIONS

- 1. TREE: ANY SELF SUPPORTING WOODY PLANT OR PALM WHICH USUALLY HAS A MAIN AXIS OR TRUNK. 12' HT, 6' CANOPY DIA. AND 2" CAL. TRUNK MINIMUM AT TIME OF PLANTING.
- STREET TREE: A SPECIES TYPICALLY GROWN IN MIAMI BEACH WHICH NORMALLY MATURES TO A HEIGHT OF AT LEAST 20'. 12' HT., 3" CAL. TRUNK AND 4' CLR TRUNK MINIMUM AT TIME OF PLANTING. MAXIMUM AVERAGE TREE SPACING 20' O.C. (CITY DISCRETION ALLOWED DEPENDING ON SITE CONDITIONS).
- PALMS (STREET TREES): SINGLE TRUNK SPECIES. 15' CLEAR WOOD AND 10" DBH TRUNK MINIMUM AT TIME OF PLANTING. PALMS SHALL NOT COUNT TOWARD THE REQUIRED STREET TREES.

4. LARGE SHRUB - SMALL TREE: NORMALLY MATURES AT MINIMUM HEIGHT OF 10'. 6' HT. AND 4' CANOPY DIA. MINIMUM AT TIME OF PLANTING.

7580 NE 4th Court Studio 100 Miami, FL 33138

1819



Designer/ Landscape Architect

PROJECT: **4354 ALTON** ROAD

RESIDENCES

4354 ALTON RD. MIAMI BEACH, FLORIDA, 33139

DRAWING:

PLANTING NOTES & SCHEDULE

CHECK SHEET NUMBER

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MAK	
Designer/ Landscape Architect	

PROJECT: **4354 ALTON** ROAD **RESIDENCES** 

> 4354 ALTON RD. MIAMI BEACH, FLORIDA, 33139

DRAWING:

LANDSCAPE LEGEND

SCALL.	
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DATE:	07/09/20
SHEET	NUMBER

# LANDSCAPE LEGEND

MUNICIPALITY: City of Miami Beach

ZONING CLASS: RS-4 ORDINANCE/CODE SECTION: CITY OF MIAMI BEACH SECTION 126

LOT AREA:

6,500

ACRES:

4,570

2,285

6

0.1492

4,857

690

6

na

						REQUIRED/	
STRE	STREET TREES				OPEN SPACE		PROVIDED
				Α.	Sq. Ft. of required Open Space	4,550	4,857
A.	Street trees (maximum average spacing of 30' o.c.)	2	2		Lot area: 6,500		
	Linear ft of street frontage:60				Multiplier: 70%		
	Multiplier:30			В.	Sq. Ft. of parking lot open space	20	0
	Percentage of Palms counted toward Street Trees on 1:1 basis	1	1		Parking Spaces: 2		
	Multiplier: 30%				Multiplier: 10 sf/space		
В.	Street trees directly below power lines	0	0				
	Linear ft of street frontage:0			C.	Total Sq. Ft. of landscaped Open Space required	4,570	4,857
	Multiplier: 25						
**One site tree (CUV) being counted toward street tree requirements)**			LAWN	AREA			

SH	RUBS				
Α.	Number of shrubs require	d	_	72	72
	Lot and street trees required:	5	_		

% Native species required				
Shrubs provided:	72			
Multiplier:	50%			

В.

## LARGE SHRUBS OR SMALL TREES Number of large shrubs or small tree required Α.

Multiplier:

12

	Shrubs required:	72		
	Multiplier:	10%		
B.	% Native species requi	% Native species required		

В.	% Native species requ	% Native species required			
	Shrubs provided:	7			
	Multiplier:	50%			

TREES Α.

C.

D.

36

7

4

36

4

Α.

В.

Required Trees/Lot: 6 Net lot acres: 0.1492 Required Trees: 6 Existing trees:

**Total Sq. Ft. of landscaped Open Space** 

Maximum Lawn Area (sod) permitted-

Multiplier: 50%

Number of trees required per lot, less existing trees

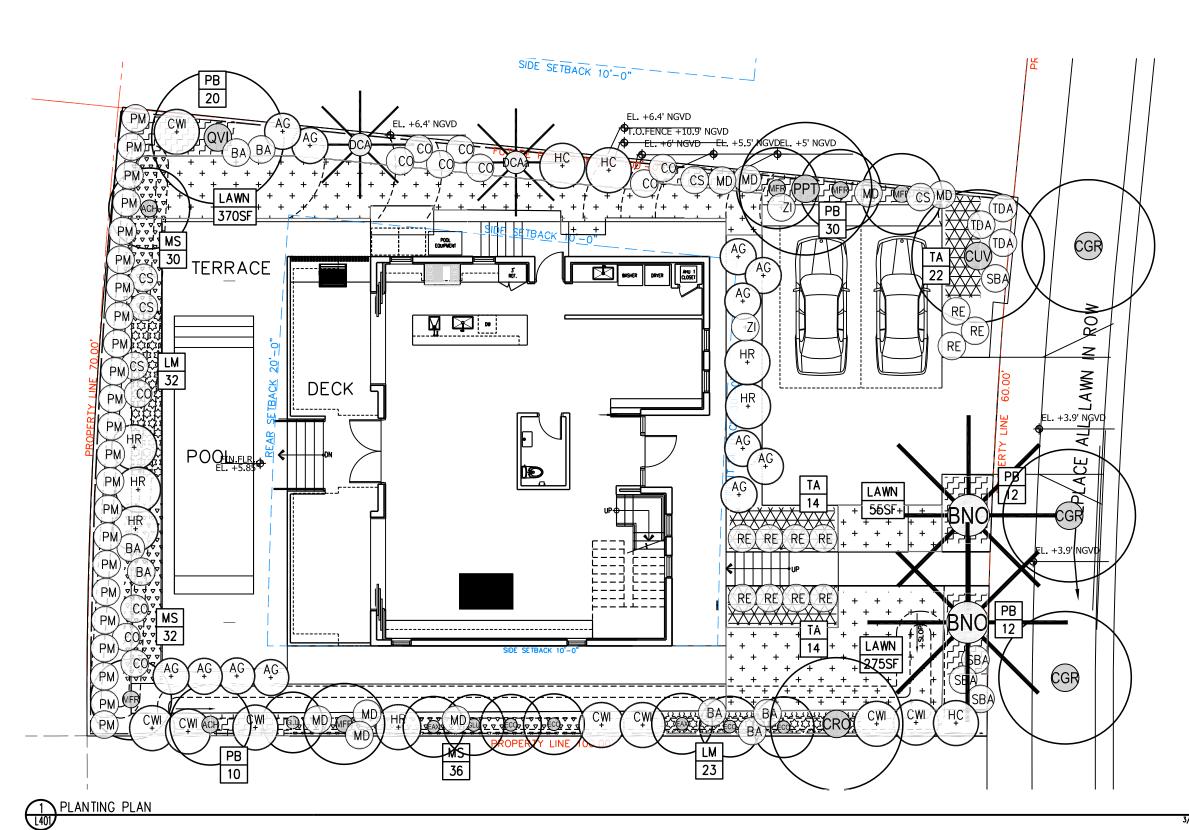
Open space required: 4,570

% Palms allowed Palms allowed 1:1 for mitigation only. % Native required

Trees provided: 5 30% Multiplier: % Drought tolerant and low maintenance species required

Trees provided: 5 50% Multiplier:

L400.1



PLANTING LEGEND



EXISITNG TREE



PROPOSED TREE



EXISTING



PROPOSED PALM



PROPOSED SHRUBS-ACCENTS



PROPOSED GROUNDCOVER



PROPOSED LAWN



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DRAWING:

PLANTING PLAN



MARSH C. KRIPLEN FLORIDA LIC# LA666700

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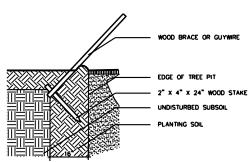
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CHECK: MCK

DATE: 07/09/2018

SHEET NUMBER

L401



TOP OF STAKE MUST BE MINIMUM OF 3" BELOW FINISHED GRADE

STAKING NOTES:
1. SAW CUT ALL WOOD STAKING MATERIALS LEAVE ENDS NEAT AND TRIM.
2. PAINT ALL WOOD STAKING MATERIALS HUNTER GREEN.

9 STAKING DETAIL & NOTES SCALE: NOT TO SCALE

PREPARATION:
STOR: ALL MATERIAL IN DRY, CLEAN AREA, COVER TO PROTECT FROM RAIN AND MINIMIZE DUST. COORDINATE RUN-OFF
CONTROL INTH CENERAL CONTRACTOR.
TEST EXISTING SOIL TO ENSURE IT IS FREE OF EXCESSIVE CLAY OR SALT AND ANY CHEMICALS/PETROCHEMICALS WHICH
MAY HAMBI PLANT HEALTH.

EXISTING MATERIAL:

# INCORPORATING EXISTING SITE SOIL REMOVE ALL ROOTS, AND ROCK LARGER THAN 2" IN SIZE. REMOVE ALL PLASTIC, METAL AND MANAGE DETRITUS.

MIX: 50% EXISTING SOIL 10% COCO PEAT 10% COMPOST 20% CLEAN SAND 10% PERLITE

BLEND QUANTITIES NEEDED BY HAND OR MACHINE

INSTALLATION:
REFER TO APPROPRIATE DETAILS FOR AMENDMENTS, COMPACTION DEPTHS ETC.

GENERAL: REFER TO LANDSCAPE NOTES FOR ADDITIONAL INFORMATION

10 PLANTING SOIL- TYPICAL

MULCH A: PINE STRAW, FOR USE IN CENERAL PLANTING AREAS AND ON SLOPES GREATER THAN 10%

MULCH 8: OPTION, MELALEUCA MULCH, FOR USE IN GENERAL PLANTING AREAS AND ON SLOPES GREATER THAN 10%

MULCH C:
F SPECIFIED, MINI PINE BARK NUGGETS, FOR USE IN SPECIALTY AREAS

INSTALLATION: REFER TO APPROPRIATE DETAILS FOR EXTENTS AND DEPTHS.

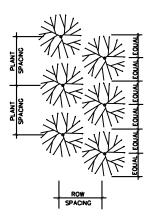
11 MULCH- TYPICAL

MIX: # 5050- MUCK AND FINE SAND

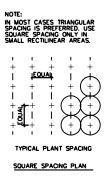
SUPPLIER: ATLAS PEAT AND SOIL 561,734,7300

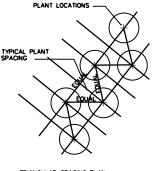
12 PLANTING SOIL- LAWN TOP DRESSING





PLANT SPACING	ROW SPACING
12"	10.4"
18"	15.6"
24"	20.8"
30"	26.0"
36"	31,2"
48"	41.6"
60"	52.0"

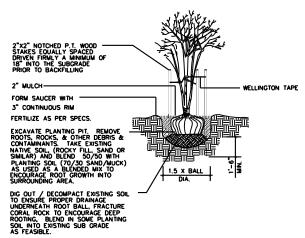




TRIANGULAR SPACING PLAN

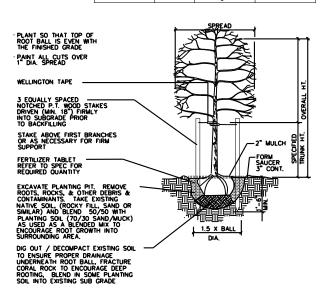
PLANT SPACING

SCALE: NOT TO SCALE



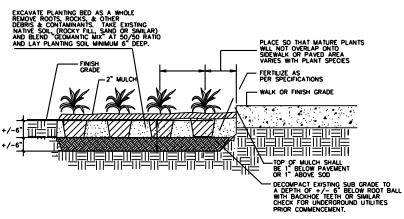
7 MULTI TRUNK TREE - PLANTNG & STAKING

CALIPER	TIES	STRANDS	STAKES
1" - 1 1/2"	2	1 # 12	2 - 2 × 2
1 1/2" - 2"	3	1 # 12	3 - 2 × 2
2" - 3"	3	2 # 12	2 - 2 × 2



NOTE: USE FOR 3" OR LESS SINGLE STEM TREES & PALMS

8 CANOPY AND PALM TREE - PLANTING & VERTICAL STAKING SCALE: NOT TO SCALE



SHRUB- HEDGE AND MASS PLANTING
SCALE: NOT TO SCALE

CALIPER CLEATS STRAPS BRACES

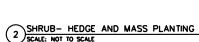
8" - 10" 2 .. 4 .. 12" 1 # 12 3 - 2 × 4

3" - 8" 2 x 4 x 8" 1 # 12 3 - 2 x 4 2 - 16d

	8" - 10"	2 × 4 × 12"	1 # 12	3 - 2 × 4	3 - 16d		
	10" - 16"	2 × 4 × 12"	2 # 12	4 - 2 × 4	3 - 16d		
SPREAD /							
PLANT SO THAT TO BALL IS EVEN WITH FINISHED GRADE	OP OF ROOT	74				O FIRST BRANCHES SSARY FOR PPORT	
WRAP TRUNK W/		عركخ ا	$\dashv$		OR RUB	ALL NOT TOUCH ADJACENT OR BRANCHES	
WOODEN CLEATS WE EQUALLY SPACED PADDING & SECUR W/ STEEL BANDS	OVER				TH TI		
EQUALLY SPACED P.T. WOOD STAKES CLEATS. DO NOT N	NAILED TO	<b>-</b>		<del></del>	OVERALL		
FORM SAUCER WITH 3" CONTINUOUS RI		$\overline{}$		Ý.	_		
FERTILIZER TABLET REFER TO SPEC FO REQUIRED QUANTIT	OR			2" MULCHE	-		
EXCAVATE PLANTIN ROOTS, ROCKS, & CONTAMINANTS, 1 NATIVE SOIL. (ROC SIMILAR) AND BLEF PLANTING SOIL (70 AS USED AS A BL ENCOURAGE ROOT SURROUNDING ARE	OTHER DEBRIS FAKE EXISTING KY FILL, SAND ND 50/50 WIT 0/30 SAND/ML ENDED MIX TO GROWTH INTO	OR OR	1.5 X BALL DIA.		REFER TO STAM	ING DETAIL	
DIG OUT / DECOMI TO ENSURE PROPE UNDERNEATH ROOT CORAL ROCK TO E ROOTING, BLEND SOIL INTO EXISTING AS FEASIBLE.	R DRAINAGE BALL, FRACTI NCOURAGE DEE IN SOME PLAN	JRE P					

NOTE: USE FOR 3" TO 12" SINGLE TRUNK TREES

5 CANOPY TREE - PLANTING & TRIPLE BRACE STAKING SCALE: NOT TO SCALE



FERTILIZE PER SPECIFICATIONS

EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH SPECIFIED PLANTING SOIL

DIG OUT / DECOMPACT EXISTING SOIL TO ENSURE PROPER DRAINAGE UNDERNEATH ROOT BALL, FRACTURE CORAL ROCK TO ENCOURAGE DEEP ROOTING, BLEND IN SOME PLANTING SOIL INTO EXISTING SUB GRADE AS FEASIBLE

SHRUB PLANTING
SCALE: NOT TO SCALE

1.5 X BALL DIA.

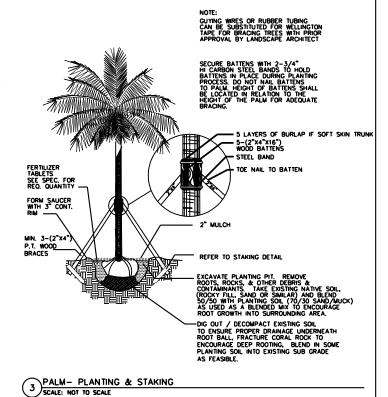
CONTAINER GROWN SHRUB

-FINISH GRADE / SOD OR PAVING

BREAK- UP COMPACTED SUBGRADE & ROCK TO A DEPTH OF 1 1/2 TIMES THE SIZE OF ROOT BALL

EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBISS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.

-2" LAYER OF MULCH



7580 NE 4th Court Studio 100 Miami, FL 33138

1819



Designer/ Landscape Architect

PROJECT: **4354 ALTON ROAD** 

4354 ALTON RD. MIAMI BEACH, FLORIDA, 33139

**RESIDENCES** 

**DRAWING:** 

PLANTING DETAILS

MARSH C. KRIPLEN FLORIDA LIC# LA666700

CHECK:

07/09/2018 DATE: SHEET NUMBER

L450

[McG

## **LIGHTING NOTES**

- 1. PRIMARY CONTROLLERS AND GENERAL FIXTURE LOCATIONS SHOWN ONLY. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR COMPLETE SYSTEM DESIGN FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 2. CONTRACTOR TO PROVIDE CODE COMPLIANT SYSTEM DESIGN INCLUDING FOOT CANDLE COVERAGE AND SEA TURTLE REQUIREMENTS FOR ENTIRE SITE.
- 3. COORDINATE LANDSCAPE LIGHTING WITH INTERIOR AND EXTERIOR ARCHITECTURAL LIGHTING. ENSURE COMPATIBILITY WITH ARCHITECTURAL LIGHTING SYSTEM CONTROLLERS.
- 4. PROVIDE NEMA RATED EQUIPMENT AND ENCLOSURES FOR SYSTEM CONTROLLERS EXPOSED TO THE ELEMENTS. SUBMIT PROPOSED MOUNTING SYSTEM, ENCLOSURES AND LOCATIONS AS PART OF THE SUBMISSION PROCESS.

# AMP® ONE ControlPro™ 200 LED Down Light AMP® ControlPro™ 200 LED Down Light

#### Product Description

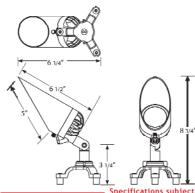
The AMPI ControlPro<sup>in</sup> 200 LED Down Light is a low voltage, professional grade landscape light, designed specifically for dägliting. Festuring inhagnated LED's with intending optics, as well as an extra-larg, adjustable glare guard, the AMP ControlPto\* 200 LEO Down Light is available in lattir a to fit the needs of the most discerning designers.

Designed with a solid brass, offset tripod tree mount with nylon spaniers, the down light con be mounted to moreon surfaces and will not cause damage to trees typically caused by mold

25' of UL approved lead wire eliminates visible sptices up the tree, and the downward facing wire part is an added safeguar

Built to last a lifetime, the ARP\* ONE ControlPro\* 200 LED Bown Light is leaded by the ANP Lifetime warranty.

## Product Dimensions





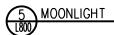
## Features & Benefits

- Solid Cast Brass Construction
- WILL not break or bend
- w Whathers to a beautiful pating
- Adjustable Extra Long Gare Guard
- High Performance LEO Chips and Engine
- Warm White (27880) color temperature
- Interchangeable Optics for Adjustable Beam Served
- Triped Tree Hount with Hylon Spacers and State
- Street Screws

   Offset mounting to minimize duringe to tree
- Tripod can be remoted to allog for surface;

Specifications subject to change without notice.  $oldsymbol{\bot}$ 

©Copyright 2017, AMP® Lighting, Lutz FL 33549 - All rights reserved. Patents pending.



## Landscape Lighting LED Horizontal Step Light



Philide thick or Alembana, thouse on Abadrum, thouse or those, Cost Stabless Steel,

#### Details

- Designed in 2006
- W. Stude Miterial: Glass
- · Protected against high-
- DYS-8005 electrics
- w 50° beam speech

- w III. Debetsot of Discourty: 20 Year w Plade in Ciden

#### Dimensions

Platine: Length St., Height St., Glepth 1,557

# Lighting



### Square Curve Outdoor LED Bollard By SONNEYAN Lighting



- w Saladerterest bestiere
- ₩ WUETLLinted

1866 Aucto Highton Blasse: Windo 16°, (Depto 16°

Michaela Mythan Openhag: Thirtie C., Height: 47

225-backs Highlian Manac White IP, Chrysle N

Mit made digition about which it's thepth it' SS-back Stythen Fintence Width 7", Hebyle 20", Chycle 2", Christic Wilso

w 17 Watt (PEE Excess) 17 Web belog about 17th CEE VEI Clabs Though MEETS

## Additional Details:

29Lithin



NBOLLARD LIGHT



By WMC Lighting

LIGHTING

LIGHTING



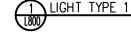
- of Dissipantia 2000
- er Habra's Birs, 24L/688 borners

- Warrang: Lilisiner on brosser on break firish
- Manusty: Zyporstorbnosztorala
- @ Warranter Life years Fraction
- @ Plade in China



- MARK Chaire: 16 Marc (MAS Lumere) 12 Volt Integrated LEU: CRI: VS Cetar Trans

#### Additional Details







7580 NE 4th Court Studio 100 Miami, FL 33138

1819

Designer/ Landscape Architect

PROJECT: 4354 ALTON ROAD RESIDENCES

4354 ALTON RD. MIAMI BEACH, FLORIDA, 33139

DRAWING:

LIGHTING NOTES & **SPECIFICATIONS** 

## LED Garden and Pathway Bollard -B77265/B77266

By BEGA

Product: Options

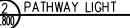
#### Details

Additional Details



YLIGHTING

Product ID: BEGY16624



MCK

CHECK:

07/09/2018 DATE:

L800





LIGHTING CONTROLLER AND LIGHT SENSOR



**TRANSFORMER** 



LIGHT TYPE 1



MOONLIGHT



PATH LIGHT



**BOLLARD** 



STEP LIGHT



7580 NE 4th Court Studio 100 Miami, FL 33138

PROJECT NUMBER



Designer/ Landscape Architect

PROJECT:

4354 ALTON ROAD **RESIDENCES** 

4354 ALTON RD. MIAMI BEACH, FLORIDA, 33139

DRAWING:

LIGHTING PLAN



CHECK:

DATE: 07/09/2018

L801

