

©2015 Shulman + Associates

Shulman + Associates

100 NE 38 Street Miami, FL 33137 T 305 438 0609 F 305 438 0170 shulman-design.com

LANDSCAPE DESIGNER:

6915 Red Road, Suite 224 Coral Gables, FL 33143 p: 305.321.2341 www.naturalficial.com

LANDSCAPE ARCHITECT:

NATURALFICIAL INC

6915 RED ROAD, SUITE 224. CORAL GABLES, FL 33143 T. 786.717.6564 M.305.321.2341 W.WWW.NATURALFICIAL.COM FIRM REG. NO. LC26000548

DRB SUBMITTAL

1844 W 23RD ST 1844 W 23rd Street Miami Beach, FL, 33140

PETER ANSELMO, RLA

M.305.321.2341

PETER ANSELMO, RLA
FL# 6667221

W.WWW.NATURALFICIAL.COM

FIRM REG. NO. LC26000548

TO THE BEST OF OUR KNOWLEDGE, THESE PLANS COMPLY WITH ALL APPLICABLE BUILDING AND ZONING CODES.

# 1844 W 23RD STREET DRB SUBMITTAL

# CITY OF MIAMI BEACH

LANDSCAPE LEGEND

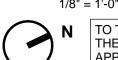
\* Note: See Open Space Diagrams on sheet L-3.03.

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS Zoning District **RS-3** Lot Area **15,790** Acres **0.36** 

A.	OPEN SPACE  Square feet of required Open Space as indicated on site plan:  (1.003.55) Front Yand v. (2.333.55) Room Yand v. 50%	REQUIRED/ ALLOWED	PROVIDED
	(1,002 SF) Front Yard + (3,323 SF) Rear Yard x 50%	2,163 SF Required	3,521 SF*
В.	Square feet of parking lot open space required as indicated on site plan:		
	Number of parking spaces $n/a$ x 10 s.f. parking space =	n/a	n/a
C.	Total square feet of landscaped open space required: A+B=	2,163 SF Required	3,521 SF*
	LAWN AREA CALCULATION		
A.	Square feet of landscaped open space required	2,163 SF Required	3,521 SF*
В.	Maximum lawn area (sod) permitted= $50\% \times 15,790$ SF	7,895 SF Allowed	7,895 SF*
	<u>TREES</u>		
A.	Number of trees required per lot or net lot acre, including existing number of trees meeting minimum requirements, not including street trees:  (5) trees required per lot + (10) 1 tree per each additional 1,000 SF over		
	6,000 SF - (2) existing trees =	11	11
В.	% Natives required: (13) Number of trees provided x 30% =	3	11
C.	% Low maintenance / drought and salt tolerant required:	_	
_	(13) Number of trees provided x 50%=	6	11
υ.	Street Trees (maximum average spacing of 20' o.c.)	2	2
F	45'-8" linear feet along street divided by 20'= Street tree species allowed directly beneath power lines:		
L.	(maximum average spacing of 20' o.c.):		
	n/a linear feet along street divided by 20'=	n/a	n/a
	<u>SHRUBS</u>		
A.	Number of shrubs required:		
	(13 ) Sum of lot and (2) street trees required x 12=	156	<b>158</b>
В.	% Native shrubs required:		
	(180) Number of shrubs provided x 50%=	<b>78</b>	137
	LARGE SHRUBS OR SMALL TREES		
A.	Number of large shrubs or small trees required:		
	(180) Number of required shrubs x 10%=	8	10
В.	% Native large shrubs or small trees required:	_	
	(18) Number of large shrubs or small trees provided x 50%=	4	10

QTY	ABRV.	BOTANICAL NAME	COMMON NAME	SPECIFICATION	ICFL. NATIVE		DROUGHT TOLERANT		<b>CANOPY MITIGATION CREDIT (SF</b>
TREES					YES	NO	YES	NO	
4	BSI	Bursera simaruba	Gumbo Limbo	14' ht. 4" DBH	Х		X		N/A
2	CDI	Coccoloba diversifolia	Pigeon Plum	7G 3' ht.	Х		Х		N/A
LARGE S	HRUBS		Till and the state of the state						
2	PR	Pimenta racemosa	Bay Rum	10' ht.	Х		Х		N/A
SHRUBS		-1.	4						
20	GL	Gymnathes lucida	Crabwood	7G 3' ht.	X		X		N/A
13	НС	Heliconia caribaea	Heliconia	15G		Х		Χ	N/A
11	МС	Myrica cerifera	Wax Myrtle	7G 3' ht.	Х		X		N/A
37	MF	Myrcianthes fragrans	Simpson Stopper	7G 3' ht.	Х		X		N/A
28	PL	Psychotria ligustrifolia	Bahama Coffee	18" ht.	Х		X		N/A
8	REX	Rhapis excelsa	Lady Palm	8' ht.		Х	X		N/A
41	SR	Serona repens	Silver Saw Palmetto	18" ht.	Х		X		N/A
ACCENTS									
13	PC	Philodendron 'Congo Green'	Same	7G		Х		X	N/A
GROUND	COVERS								
1,010	NE	Nephrolepis exaltata 'Bostoniesis'	Boston fern	3G @ 12" O.C	Χ		X		N/A
296	TD	Tripsacum floridanum	Dwarf Fkahatchee Grass	7G @ 24" O.C	Χ		X		N/A
					Total S.F. Of Trees Mitigate			ees Mitigated:	. N/A
SOD									
TBD SF	ZJ	Zoysia japonica "Emerald -Hybrid"	Zoysia Grass	Within Property	/ Line	Х	Х		
TBD SF	ZJ	Zoysia japonica "Emerald -Hybrid"	Zoysia Grass	Right-of-Way		Х	Х		
SUPPLEM	IENTAL								
TBD		Pine needle mulch (for planting beds)	T.B.D. by Landscape Contractor						
TBD		Planting Top Soil	T.B.D. by Landscape Contractor						
TBD		Fertilizer for initial plant installation	T.B.D. by Landscape Contractor						
		Plant and Tree Delivery							
		Site Prep, Grading, Final Site Clean up,	Rock/Debris Removal						

CMB LANDSCAPE LEGEND & PLANT LIST 1/8" = 1'-0"



TO THE BEST OF OUR KNOWLEDGE, THESE PLANS COMPLY WITH ALL APPLICABLE BUILDING AND ZONING CODES.

LANDSCAPE ARCHITECT: NATURALFICIAL INC.

6915 RED ROAD, SUITE 224. CORAL GABLES, FL 33143 T. 786.717.6564 M.305.321.2341 W.WWW.NATURALFICIAL.COM FIRM REG. NO. LC26000548



Shulman + Associates

Architecture Interior Design Urban Design Graphic Design

100 NE 38 Street Miami, FL 33137 T 305 438 0609 F 305 438 0170 shulman-design.com AA 26001090

LANDSCAPE DESIGNER:

NATURALFICIAL, INC.

6915 Red Road, Suite 224 Coral Gables, FL 33143 p: 305.321.2341 www.naturalficial.com

LANDSCAPE ARCHITECT:

NATURALFICIAL INC.

6915 RED ROAD, SUITE 224. CORAL GABLES, FL 33143 T. 786.717.6564 M.305.321.2341 W.WWW.NATURALFICIAL.COM FIRM REG. NO. LC26000548

DRB SUBMITTAL

1844 W 23RD ST 1844 W 23rd Street

Miami Beach, FL, 33140

SINGLE FAMILY RESIDENCE

> PETER ANSELMO, RLA FL# 6667221

No. Description

12/10/18

LANDSCAPE LEGEND **PLANT LIST** 

## GENERAL PLANTING NOTES AND SPECIFICATIONS:

DESIGNATED TO REMAIN WHICH ARE SCARRED OR DESTROYED WILL BE ARCHITECT AND/OR CLIENT. REPLACED AT THE CONTRACTOR'S EXPENSE, WITH SIMILAR SPECIES, SIZE 2. LANDSCAPE CONTRACTOR SHALL REMOVE COMPLETELY AND DISPOSE OF

EXISTING TREES DESIGNATED TO BE STORED OFF-SITE, SHALL BE LANDSCAPE ARCHITECT. ROTECTED AND CARED FOR ACCORDINGLY TO INDUSTRY STANDARD. NY TREES OR SHRUBS SCARRED OR DESTROYED WILL BE REPLACED AT HE CONTRACTOR'S EXPENSE, WITH SIMILAR SPECIES, SIZE AND QUALITY.

LANDSCAPE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL JNDERGROUND UTILITIES OR STRUCTURES PRIOR TO DIGGING. LANDSCAPE CONTRACTOR SHALL REPAIR ALL DAMAGE TO UNDERGROUND UTILITIES AND/OR CONSTRUCTION AT NO COST TO THE

MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION.

5.LANDSCAPE CONTRACTOR SHALL VERIFY ALL ESTIMATED QUANTITIES PLANTING PLAN TO TAKE PRECEDENCE OVER PLANT LIST.

. EXISTING PLANT MATERIAL NOT SHOWN ON THE PLAN AND IN CONFLICT WITH NEW PLANTING SHALL BE EVALUATED AT THE TIME OF NEW PLANTING INSTALLATION BY THE LANDSCAPE ARCHITECT.

ALL BUILDING CONSTRUCTION MATERIAL AND FOREIGN MATERIAL SHALL BE REMOVED FROM PLANTING AREAS AND REPLACED WITH 80/20 AND REPLACED WITH 80/20 PLANT MIX, OR AS PER SPECIFICATIONS.

B. ALL PLANT MATERIAL SYMBOLS SHOWN ON LANDSCAPE PLAN SHALL BE CONSIDERED DIAGRAMMATIC AND SHOULD BE ADJUSTED IN THE 6. LANDSCAPE CONTRACTOR TO APPLY MYCORRHIZA APPLICATION TO ROOTS DBSTRUCTIONS AFTER CONSULTING THE LANDSCAPE ARCHITECT.

THER REQUIREMENTS FOR SPECIFIC SHAPE OR EFFECT AS NOTED ON PRUNING TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR THE PLAN SHALL ALSO BE REQUIRED FOR ACCEPTANCE. ALL TREES TO TO PRUNING. HAVE SINGLE TRUNK, UNLESS OTHERWISE NOTED ON THE PLANS OR 8. ROOT BALL SIZE TABLE

OF ANY WEEDS, GRASS, AS WELL AS CLEAN-UP OF ANY DEAD MATERIAL FLORIDA DEPARTMENT OF AGRICULTURE") ND FINISH GRADING AS PER THE SPECS.

1. THE LANDSCAPE CONTRACTOR SHALL AT ALL TIMES KEEP THE JOB SITE CLEAN AND FREE FROM ACCUMULATION OF WASTE MATERIAL, DEBRIS, AND RUBBISH.

2. THE LANDSCAPE CONTRACTOR SHALL EXERCISE CAUTION TO 2"-21/2" PROTECT ANY NEW HARDSCAPE CONSTRUCTION OR IRRIGATION. ANY 2 ½" - 3 ½" DAMAGE SHALL BE REPLACED OR REPAIRED TO THE ORIGINAL STATE BY  $3\,\%$  - 4" THE LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE 4"-41/2"

3. ALL PLANT MATERIAL TO BE FLORIDA #1 OR BETTER, AS DEFINED BY FOR NURSERY PLANTS PART I AND II".

MINIMUM DEPTH OF 2". WITH THE EXCEPTION OF BEACH PLANTING. 15. ALL PLANTING AREAS WITHIN LIMIT OF WORK SHALL BE 100% FULLY

COMPLY WITH THE PROPOSED IRRIGATION DESIGN. 6. ON-SITE LAYOUT OF PLANT MATERIAL MUST BE COORDINATED WITH LIFTS/LAYERS, EACH THEN COMPACTED BEFORE A SUBSEQUENT 18" LIFT/LAYER HE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. L.A. TO BE GIVEN A IS PLACED. REPEAT UNTIL BACKFILL IS FLUSH WITH SURROUNDING GRADE. MIN. OF (1) WEEK NOTICE TO REVIEW PRIOR TO IMPLEMENTATION.

SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF MIAMI BEACH RESIDUAL ROOTS, STUMPS AND PORTIONS AND PARTS THEREOF. PRUNING STANDARDS AND/OR AN ISSUED ERM TREE OR

13. RESTORE THE SURFACE WITH MATERIAL TO MATCH ADJACENT AREAS

F ALL TREES AND PALMS PALMS TO REMAIN OR BE RELOCATED PRIOR N PLACE UNTIL CONSTRUCTION HAS COMPLETED 9. MULCH SHALL NOT BE APPLIED WITHIN 6" OF ANY TREE OR PALM ROOT BALL BURLAP OR SHRINK WRAP.

FRUNKS THAT ARE INSTALLED OR INCORPORATED INTO THE PROJECT. FOR ROW TREES/PALMS PLEASE UTILIZE AMERIGROW (PREMIUM

20. SHOULD ANY CORRECTIVE STRUCTURAL PRUNING BE NECESSARY SHALL BE PERFORMED BY AN ISA OR ASCA CERTIFIED ARBORIST IN BACKFILLING. CCORDANCE WITH THE LATEST VERSION IF THE ANSI A-300 PRUNING 2. LANDSCAPE CONTRACTOR TO FLAG ALL PROPOSED PLANT LOCATIONS FOR TANDARDS AND GOOD HORTICULTURAL PRACTICES. THE CITY URBAN LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO INSTALLATION. ORESTER SHALL BE PROVIDED WITH A WRITTEN COPY OF THE PROPOSED PRUNING PLAN INCLUDING THE REASONS WHY PRUNING IS NECESSARY, PRIOR TO THE PRUNING ACTIVITIES TAKING PLACE.

1. CARE SHALL BE TAKEN TO AVOID UTILITY OR CONSTRUCTION RENCHING THROUGH EXISTING TREE OR PALM DRIPLINES OF TREES 4. AFTER EACH PLANTING PIT IS EXCAVATED, PLACE SUFFICIENT PLANTING MIX IN LATED TO REMAIN IN PLACE OR BE RELOCATED. IF CONSTRUCTION BOTTOM OF EXCAVATION, AND SEAT PLANT, INSURING TOP OF ROOT BALL IS REQUIRES THE CUTTING OF ANY ROOTS WITH A DIAMETER OF 2" OR FLUSH WITH IMMEDIATELY ADJACENT FINAL OR PROPOSED GRADE. DIRECTED BY AN ISA CERTIFIED ARBORIST, AND IN ACCORDANCE WITH THE CORRECT ELEVATION. REFER TO GRADING PLAN. COVERED WITH SOIL TO PREVENT DRYING. ROOTS SHOULD NOT BE ORN OR BROKEN BY HEAVY EQUIPMENT. SHREDDED, RAGGED OR 7. CENTER EACH RELOCATED TREE/PALM IN ITS PLANTING PIT AND BACKFILL BROKEN ROOTS ENDS SHOULD BE NOTED IN WRITING AND AN ARBORIST WITH SPECIFIED PLANTING MIX. SHOULD BE CONSULTED PRIOR TO ANY ROOT PRUNING TAKING PLACE .

## HANDLING AND TRANSPORTATION

TREES/PALMS SHALL BE PROPERLY HANDLED DURING EXCAVATION, 9. BUILD SOIL SAUCER OF MOUNDED EXCAVATED SOIL AROUND PERIMETER OF OVING, STORAGE, RELOCATION, AND REPLANTING. DO NOT SCAR OR EACH PLANTING PIT TO FORM WATERING BASIN. MULCH TO A DEPTH OF 2". THERWISE DAMAGE TRUNKS AND BRANCHES, AND AVOID BREAKING LIMBS, BRANCHES, AND FRONDS. DAMAGE TO TREE/PALM MAY BE CAUSE FOR ITS REJECTION, AND MAY REQUIRE MITIGATION REPLACEMENT.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MANUAL WATERING OF ALL RELOCATED TREES/PALMS DURING MAINTENANCE PERIOD, UNTIL FINAL ACCEPTANCE OF ALL WORK BY THE LANDSCAPE ARCHITECT AND/OR CLIENT.

B. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING TREE/PALM PROTECTION. INSTALL BARRICADE OF GALVANIZED WELDED WIRE FABRIC OR PLASTIC MESH TO ENCOMPASS THE DRIPLINE OF THE TREE/PALM. BARRICADE SHALL BE PLUMB, TAUT, AND STURDY. BARRICADE TO BE LEFT UP AND MAINTAINED UNTIL DIRECTED TO REMOVE BY LANDSCAPE ARCHITECT.

### TREE PROTECTION MATERIALS

BARRICADE SHALL BE CHAIN LINK FENCING WITH METAL POSTS, 48" IN

2. POSTS: METAL OR AS PER CITY OF MIAMI BEACH SPECIFICATIONS 3. ACCESS: PROVIDE HINGED, LATCHING GATE.

4. METAL GATE: SHALL PERMIT FREE PASSAGE OF WATER, AIR AND SHALL CCEPT CONSTRUCTION TRAFFIC WITHOUT EXCESSIVE DEFLECTION.

. EXISTING TREES DESIGNATED TO REMAIN SHALL BE PROTECTED 1. LANDSCAPE CONTRACTOR SHALL PROVIDE A MINIMUM OF ONE (1) YEA DURING ALL CONSTRUCTION PHASES. ANY TREES OR SHRUBS GUARANTEE FOR ALL TREES/PALMS AFTER FINAL ACCEPTANCE BY LANDSCAPE

> OFF-SITE, ANY TREE/PALM THAT FAILS TO THRIVE AS DETERMINED BY THE 3. FOR ANY TREE/PALM REMOVED DUE TO ITS FAILURE TO THRIVE, LANDSCAPE

CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND INSTALLING WITH A SPECIMEN OF EQUAL OR GREATER SPECIFICATION OF ORIGINAL. REPLACEMENT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, PREPARATION OR INSTALLATION.

1. VERIFY AND INSURE ALL TREES/PALMS IDENTIFIED ON THE CONSTRUCTION DRAWINGS AND THOSE TAGGED IN THE FIELD CORRESPOND AS TO NUMBER . ALL PLANT MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF 12 AND DESCRIPTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY, PRIOR TO PREPARATION.

OF MATERIAL SHOWN ON THE DRAWINGS PRIOR TO SUBMITTING A BID. 2. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR TREE/PALN PROTECTION OF ALL VERIFIED MATERIAL. INSTALL BARRICADE OF GALVANIZED WELDED WIRE FABRIC OR PLASTIC MESH TO ENCOMPASS THE DRIPLINE OF THE

> 3. TREE ROOT BALL SHALL BE ROOT PRUNED 50% (EQUALLY AROUND TREE) 60 DAYS PRIOR TO TRANSPLANT. THE REMAINING 50% TO BE PRUNED 30 DAYS

MIX FILL SOIL, OR AS PER SPECIFICATIONS. ALL ISLANDS IN PARKING LOTS 4. PALMS TO BE RELOCATED MAY BE IMMEDIATELY RELOCATED AFTER DIGGING. AND AROUND BUILDINGS, SHALL BE EXCAVATED TO A DEPTH OF 3' MIN. 5. ROOTS TO BE PRUNED WITH CLEAN, SHARP TOOLS. ROOTS ONE (1) INCH AND LARGER IN DIAMETER SHALL BE NEATLY AND CLEANLY CUT WITH A HAND SAW OR OTHER APPROVED CUTTING IMPLEMENT.

IELD BY CONTRACTOR TO AVOID ALL UTILITIES AND ALL OTHER DURING ROOT PRUNING AND DIGGING OPERATIONS. ALL PRUNING TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PRUNING. . ALL SIZES SHOWN FOR PLANT MATERIAL ON THE PLAN ARE TO BE 7. DEAD WOOD, CROSSING BRANCHES, AND GENERAL CANOPY PRUNING SHAL ONSIDERED MINIMUM. ALL PLANT MATERIAL MUST MEET OR EXCEED BE PERFORMED BY THE LANDSCAPE CONTRACTOR IMMEDIATELY AFTER HESE MINIMUM REQUIREMENTS FOR BOTH HEIGHT AND SPREAD. ANY COMPLETION OF ROOT PRUNING OF EACH SPECIMEN TO BE RELOCATED. ALL

(NOTE: ROOT BALL SIZES SHALL EXCEED MINIMUM STANDARDS SET FORTH IN 0. SITE PREPARATION SHALL INCLUDE THE ERADICATION AND REMOVAL "GRADES AND STANDARDS FOR NURSERY PLANTS, PART II, PALMS AND TREES,

# MINIMUM ROOT BALL DIAMETER

THE FLORIDA DEPARTMENT OF AGRICULTURE'S "CODES AND STANDARDS"
PROPORTIONALLY AT THREE (3) INCHES OF ROOT BALL DIAMETER FOR EVERY THE ROOT BALL OF LARGER CALIPER SIZES SHALL BE INCREASE INCREASE OF ONE (1) INCH IN CALIPER OR FRACTION THEREOF.

14. MULCH ALL PLANTING AREAS WITH SHREDDED ORGANIC MULCH TO A 9. MAINTAIN COMPACT ROOT BALLS. ROOT BALLS SHALL BE COMPLETEL ENCLOSED WITHIN A BURLAP COVERING OR STRETCH WRAP AS COMMONLY USED WITHIN THE HORTICULTURAL INDUSTRY, IN TWO COMPLETE LAYERS.

IRRIGATED. THE IRRIGATION CONTRACTOR AWARDED THE BID SHALL 10. ALL TREES TO BE FLOODED FOR FIVE (5) DAYS PRIOR TO TRANSPLANT. 11. ALL PITS TO BE FILLED THE SAME DAY AND WITH CLEAN FILL IN 18 INCH

12. CORRECT ALL PROBLEMS RELATED TO SETTLEMENT, EROSION, OR OTHER . LANDSCAPE CONTRACTOR TO INCLUDE REMOVAL, CORRECTIVE DISTRESS OF EXCAVATED/BACKFILLED PIT FROM WHICH TREE/PALM HAS BEEN RUNING AND OR REPLACEMENT. ANY CORRECTIVE ACTIONS REQUIRED REMOVED, INCLUDING THE COMPLETE AND THROUGH REMOVAL OF ALL

TREE PROTECTION BARRIERS MUST BE INSTALLED AT THE DRIP LINES PROVIDE A MINIMUM ONE YEAR WARRANTY ON SETTLING AND PLANT MATERIAL

THE START OF CONSTRUCTION ACTVITIES ONSITE AND SHALL REMAIN 14. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL INCLUDING BUT NOT LIMITED TO BACKFILL MATERIAL, PROTECTION FENCING, FLAGGING,

PINEBARK BROWN) SHREDDED MULCH OR A CITY APPROVED 1. VERIFY ALL UNDERGROUND CONSTRUCTIONS OR OBSTRUCTIONS (UTILITIES SEPTIC SYSTEMS, ETC.) ARE IDENTIFIED, LOCATED AND CLEARLY MARKED AS APPROPRIATE PRIOR TO EXCAVATION OF PLANTING PITS FOR RELOCATED TREES FOR TREES PROPOSED TO REMAIN ON SITE, DUE TO CLEARANCE, AND PALMS. ANY UNKNOWN OBJECTS SHALL BE BROUGHT TO THE ATTENTION SAFETY OR FOR CONSTRUCTION RELATED REASONS THE PRUNING OF THE LANDSCAPE ARCHITECT IMMEDIATELY, PRIOR TO INSTALLING AND

3. PLANTING PITS SHALL BE A MINIMUM OF TWO (2) TIMES LARGER IN DIAMETER

AND ONE AND A HALF (1-1/2) TIMES LARGER IN DEPTH THAN THE ROOT BALL ROUGHEN SIDES AND BOTTOM OF PIT.

GREATER, ROOTS SHALL BE CLEANLY CUT WITH A SHARP TOOL, AS 5. LANDSCAPE CONTRACTOR TO INSURE ALL PLANT MATERIAL IS INSTALLED AT

THE ANSI A-300 STANDARDS. CUT ROOTS SHOULD BE IMMEDIATELY 6. LANDSCAPE CONTRACTOR TO INSURE ALL ROOT FLARES ARE EXPOSED.

8. PLACE PLANTING MIX IN 12 INCH LIFTS/LAYERS AROUND ROOT BALL AN COMPACT UNTIL ALL VOIDS ARE FILLED WITH COMPACTED PLANTING MIX.

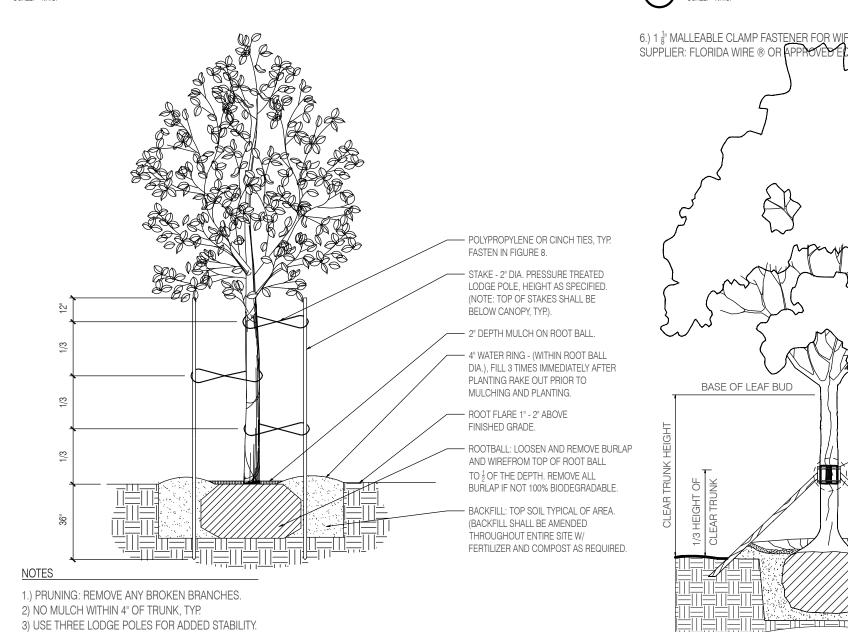
# METAL POST AS PER CITY OF MIAMI BEACH REQUIREMENTS - CHAIN LINK BARRIER PER SPECIFICATIONS — DO NOT STORE MATERIALS IN THIS AREA UNDISTURBED EXISTING GRADE (TYP) 8'-0" MAX. SPACING BETWEEN POSTS

1.) THE TREE PROTECTION BARRICADE SHALL BE INSTALLED PER CITY OF MIAMI BEACH CODE CHAPTER 46, AND WILL BE AT LEAST FOUR (4) FEET HIGH. THE BARRIER SHALL BE CONSTRUCTED OF CONTINUOUS CHAIN LINK FENCE WITH METAL POSTS AT (8) FOOT SPACING, OR OF 2X4 POSTS WITH THREE EQUALLY SPACED 2X4 RAILS. POSTS MAY BE SHIFTED TO AVOID ROOTS

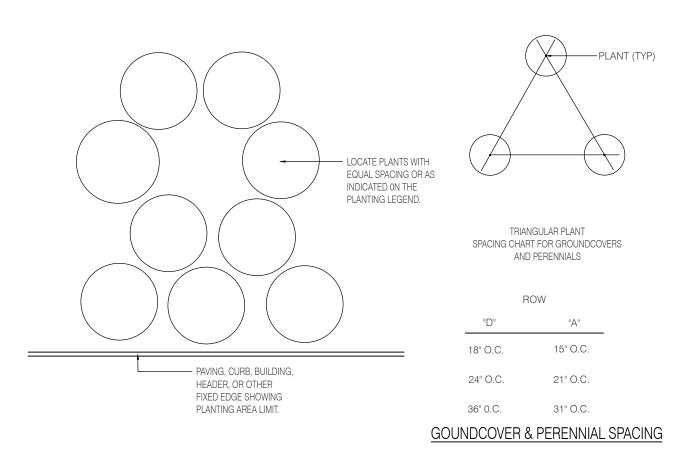
2.) THE BARRIER SHALL BE PLACED AT THE DRIP LINE OF EACH TREE OR PRESERVATION AREA, AND IN NO CASE LESS THAN 10' FROM THE TRUNK OF ANY PROTECTED TREE. FOR ANY DISCREPANCIES RELATED TO PLACEMENT OF THE BARRIER, THE CITY'S URBAN FORESTER SHOULD BE CONTACTED FOR APPROVAL.

3.) HAND WORK ONLY WITHIN TREE BARRICADES 4.) TREE BARRICADE APPROVAL: OBTAIN CITY APPROVAL OF TREE BARRICADES BEFORE BEGINNING CLEARING OPERATIONS OR ANY SITE DEVELOPMENT.

# MEDIUM TREE PLANTING AND STAKING DETAIL SCALE: NTS

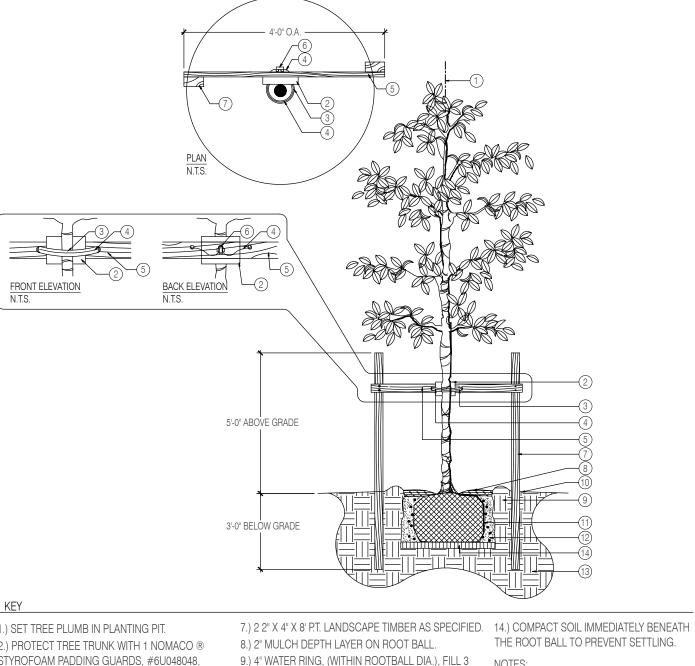


# SMALL TREE PLANTING AND STAKING DETAIL (UP TO AND INCLUDING 2.5" CALIPER)



8 PLANT SPACING DETAIL

SCALE: N.T.S



1.) SET TREE PLUMB IN PLANTING PIT. 2.) PROTECT TREE TRUNK WITH 1 NOMACO ® STYROFOAM PADDING GUARDS, #6U048048, AS SPECIFIED, OR APPROVED EQUAL. 3.) AMAZON HOUSE AND RUBBER ®. 1 1 AIR

HOSE #K1146 OR APPROVED EQUAL, TO COVER 10 GAUGE WIRE. 4.) 1 10 GAUGE GALVANIZED WIRE. WIRE PRODUCT ®, OR APPROVED EQUAL. 5.) 1 2" X 4" X 4' NON TREATED LANDSCAPE TIMBER AS SPECIFIED. FASTEN WITH 4 3 ½ DECK SCREWS TO 2" X 4" X 8' P.T. LANDSCAPE

BASE OF LEAF BUD

THE ROOT BALL TO PREVENT SETTLING. TIMES IMMEDIATLEY AFTER PLANTING, RAKE OUT 1.) CONTRACTOR TO ASSURE PERCOLATION 6.) NO SCARRED OR BLACKENED TRUNKS.

ALL BURLAP IF NOT 100% BIODEGRADABLE. REMOVE CONTAINER FROM ROOTBALL PRIOR TO PLANTING.

PRIOR RO MULCHING AND PLATING.

IN TREE PITS. 10.) ROOT FLARE 1"-2" ABOVE FINISHED GRADE. 2.) NO MULCH WITHIN 4" OF TRUNK. 11.) B&B OR CONTAINERIZED ROOTBALL. REMOVE

- 3/4" STEEL BANDING

- (5) 2"x4"x2" BATTONS

→ 3/4" STEEL BANDING

- NAIL BRACING TO WOOD

12.) BACKFILL. TOP SOIL TYP. OR AREA. BACKFILL SHALL BE AMENDED THROUGHOUT ENTIRE SITE WITH FERTILIZER AND COMPOST AS REQUIRED. 13.) UNDISTURBED SUBGRADE

(3) 2"X4" WOOD BRACES

- 6" COMPACTED SOIL SAUCER

NATIVE SOIL BACKFILL OR

AMENDED PLANTING SOL AS REQUIRED BY SOIL

SPECIFICATION

TO HOLD WATER

FINAL GRADE

ANALYSIS

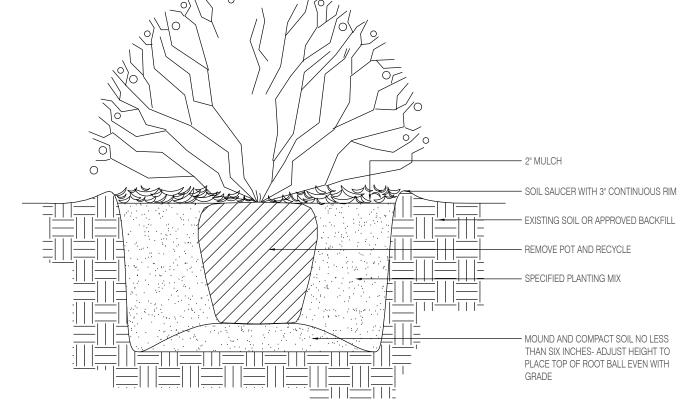
& PAINTED BLACK (SEE NOTES BELOW)

- 2" DEPTH MULCH LAYER- REFER TO

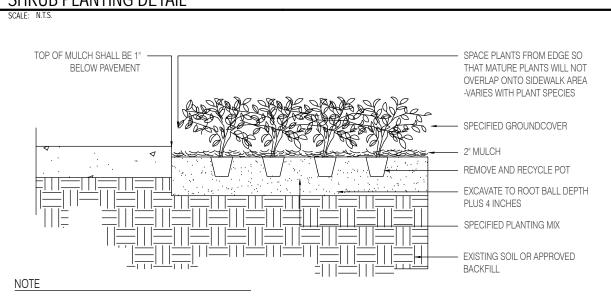
LAYERS OF BURLAP BASE OF LEAF BUD 3/4" STEEL BANDING (5) 2"x4"x2' BATTONS NAIL BRACING TO WOOD BATTONS(DO NOT ALLOW NAILS TO PENETRATE TRUNK) - 3/4" STEEL BANDING (3) 2"X4" WOOD BRACES SPACED 120-DEGREES O.C. & PAINTED BLACK (SEE NOTES BELOW) 2" DEPTH MULCH LAYER- REFER TO SPECIFICATION 6" COMPACTED SOIL SAUCER TO HOLD WATER FINAL GRADE 2"X4"x30" TREE STAKE PLANTING ROOT BALL NATIVE SOIL BACKFILL OR RECIEVING AMENDED PLANTING SOIL PLANTING HOLE AS REQUIRED BY SOIL

1.) PALMS OVER 30' GW HEIGHT, USE MINIMUM (4) 4X4 BRACING AND STAKES. 2.) PRIMARY STAKES SHOULD PLACED PARALLEL TO WALKWAYS WHENEVER POSSIBLE 3.) RECEIVING PLANTING HOLE SHALL BE APPROXIMATELY 1/3 LARGER THAN ROOTBALL 4.) BUD SHALL BE PERPENDICULAR TO THE GROUND PLANE. 5.) TRUNK SHALL BE STRAIGHT AND WITHOUT CURVES. 7.) AMENDED SOIL MIX, TO BE ADDED AT THE TIME OF PLANTING IF NEEDED, SHALL CONSIST OF A RATIO MIX OF 80% CLEAN SILICA SAND AND 20% SCREENED.

PULVERIZED TOPSOIL AS NEEDED.



BATTONS(DO NOT ALLOW NAILS TO PENETRATE TRUNK) SHRUB PLANTING DETAIL

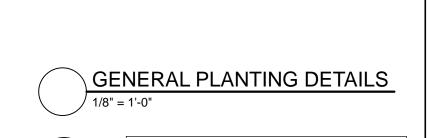


GROUND COVER PLANTING DETAIL

1.) SEE PLANTING PLAN FOR SPACING.

## - 2" MULCH (NO CYPRESS, NO RED) — PI ANTER COPING REFER TO ARCH. DWGS — PLANTER SHELL REFER TO ARCH. 8 STRUCTURAL ENG. DWGS PI ANTER VENEER REFER TO ARCH. — PLANTING MIX GEOTEXTILE DRAINAGE 6" GRAVEL WATERPROOF PLANTER LINING PVC PIPE TO DRAINAGE

LARGE TREE PLANTING AND STAKING DETAIL



TO THE BEST OF OUR KNOWLEDGE,

APPLICABLE BUILDING AND ZONING CODES.

THESE PLANS COMPLY WITH ALL

LANDSCAPE ARCHITECT NATURALFICIAL INC. 6915 RED ROAD, SUITE 224. CORAL GABLES, FL 33143 T. 786.717.6564 M.305.321.2341

W.WWW.NATURALFICIAL.COM

FIRM REG. NO. LC26000548



Architecture Interior Design Urban Design Graphic Design

100 NE 38 Street Miami, FL 33137 T 305 438 0609 F 305 438 0170 shulman-design.com AA 26001090

LANDSCAPE DESIGNER:

NATURALFICIAL, INC. Andres Arcila

> 6915 Red Road, Suite 224 Coral Gables, FL 33143 p: 305.321.2341 www.naturalficial.com

LANDSCAPE ARCHITECT

NATURALFICIAL INC.

6915 RED ROAD, SUITE 224. CORAL GABLES, FL 33143 T. 786.717.6564 M.305.321.2341 W.WWW.NATURALFICIAL.COM FIRM REG. NO. LC26000548

DRB SUBMITTAL

1844 W 23RD ST 1844 W 23rd Street

Miami Beach, FL. 33140

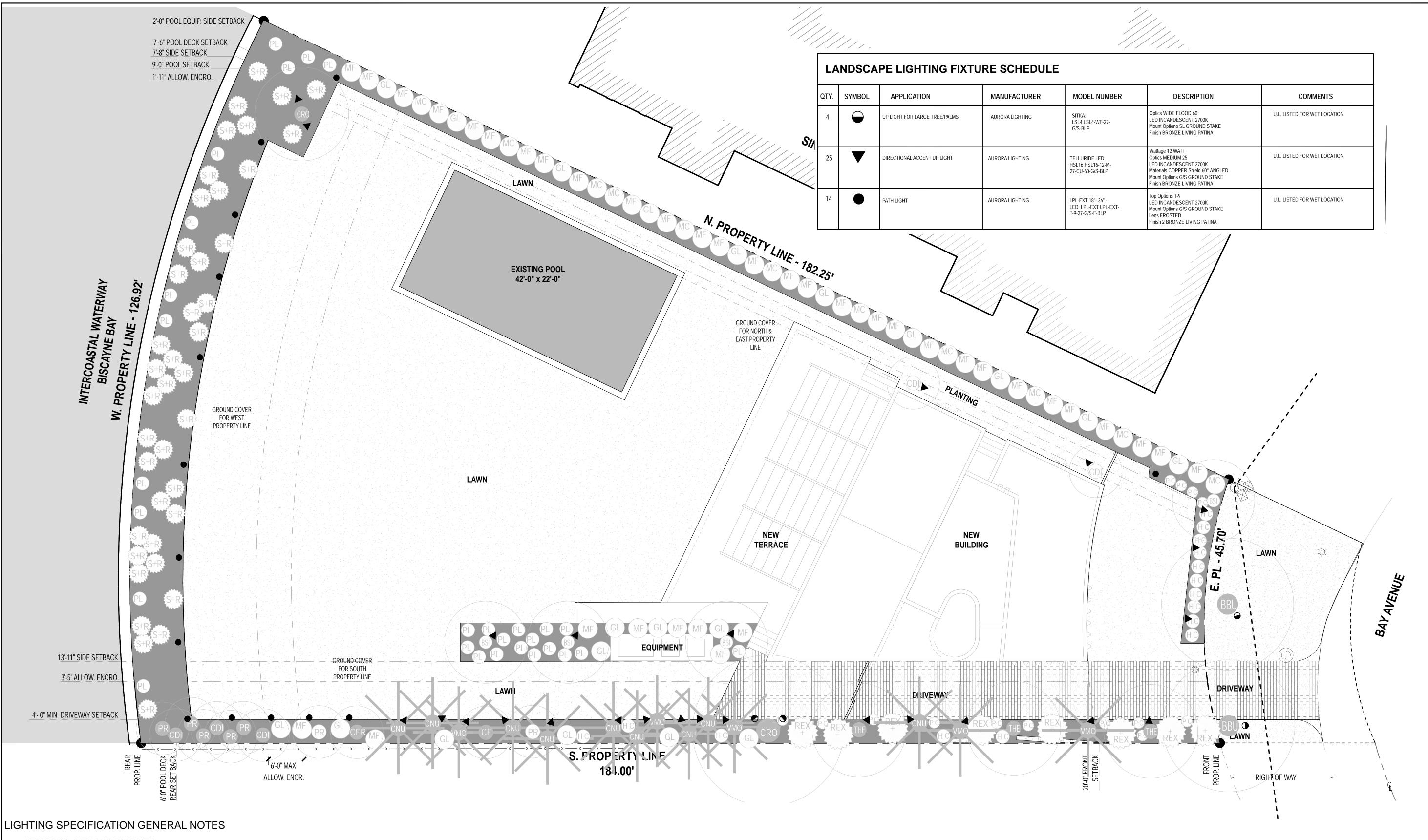
SINGLE FAMILY RESIDENCE

PETER ANSELMO, RLA FL# 6667221

No. Description

12/10/18

**GENERAL PLANTING** 



## 1. GENERAL REQUIREMENTS

- A. Lighting fixtures and other lighting material shall be located as indicated on drawings and a further specified. This equipment shall embody maximum efficiency, obtain the highest standards of workmanship, electrical and mechanical design. All material shall be subject to the approval of the Lighting Consultant.

  Fixture parts and components shall be made of materials appropriate to their function and as such shall be resistant to corrosion and thermal and mechanical stresses encountered in the normal application and functioning of the fixtures. The Electrical Contractor shall be responsible for installing fixtures with proper vents as not to exceed the temperature rating of the lighting fixtures or lamps.
- B. Locations of fixtures are shown diagrammatically. Final locations to be determined by the Landscape Designer and or Lighting Consultant on-site after the installation of the trees.
  - a. Notify the Lighting Consultant about field conditions at variance with plans and/or specifications before commencing installation.
  - b. Coordinate conditions at variance with other trades before installation of fixtures.

- A. Lighting fixtures and other lighting material shall be located as indicated on drawings and as C. Luminaires shall be delivered to the premises complete (except as noted or specified), further specified. This equipment shall embody maximum efficiency, obtain the highest standards of workmanship, electrical and mechanical design. All material operation of the equipment. Luminaries shall include lamps.
  - D. Blemished, damaged or unsatisfactory fixtures shall be replaced in a manner satisfactory to the Lighting Consultant and Landscape Designer.
  - E. Electrical Contractor to install louvers, spread lenses and color filters as specified and provide labor to focus all adjustable fixtures. Additionally, Electrical Contractors shall provide for 4 non consecutive days to adjust aiming, lamping and coloring of lighting fixtures, with the direction of the Lighting Consultant and Landscape Designer.
    This may include relamping fixtures with different wattages or beam spreads as directed by Lighting Consultant or Landscape Designer.
    Electrical Contractor to provide ladders and lifts as necessary.
  - 1. WARRANTY
    - A. All lighting fixtures shall be covered by a minimum two year warranty covering workmanship or material. If the fixtures are supplied by the installing contractor the guarantee shall include the labor to replace defective fixtures.





TO THE BEST OF OUR KNOWLEDGE,
THESE PLANS COMPLY WITH ALL
APPLICABLE BUILDING AND ZONING CODES.

# LANDSCAPE ARCHITECT: NATURALFICIAL INC.

6915 RED ROAD, SUITE 224. CORAL GABLES, FL 33143 T. 786.717.6564 M.305.321.2341 W.WWW.NATURALFICIAL.COM FIRM REG. NO. LC26000548



# Shulman + Associates

Architecture Interior Design Urban Design Graphic Design

100 NE 38 Street Miami, FL 33137 T 305 438 0609 F 305 438 0170 shulman-design.com AA 26001090

LANDSCAPE DESIGNER:

# NATURALFICIAL, INC.

6915 Red Road, Suite 224 Coral Gables, FL 33143 p: 305.321.2341 www.naturalficial.com

LANDSCAPE ARCHITECT:

### NATURALFICIAL INC

6915 RED ROAD, SUITE 224. CORAL GABLES, FL 33143 T. 786.717.6564 M.305.321.2341 W.WWW.NATURALFICIAL.COM FIRM REG. NO. LC26000548

DRB SUBMITTAL

1844 W 23RD ST 1844 W 23rd Street

Miami Beach, FL, 33140

SINGLE FAMILY RESIDENCE

PETER ANSELMO, RLA

No. Description

12/10/18

LANDSCAPE LIGHTING PLAN