

Drawn by CMJ

Date 4-5-16

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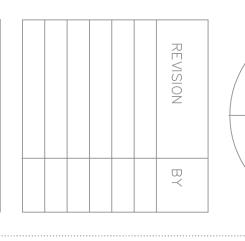
Scale 1"= 10'

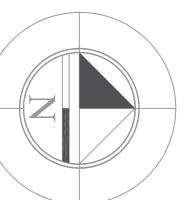
Job No 0070113027

Sheet 1 1 of

PROJECT: LANDSCAPE PLAN

ADDRRESS: 835 ALTON ROAD, MIAMI BEACH FL









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CHRISTIAN BALLESTEROS

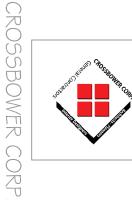
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GENERAL CONTRACTOR
CONSTRUCTION MANAGEM
ARCHITECTURE
PLANNING • INTERIOR DESI
ENGINEERING

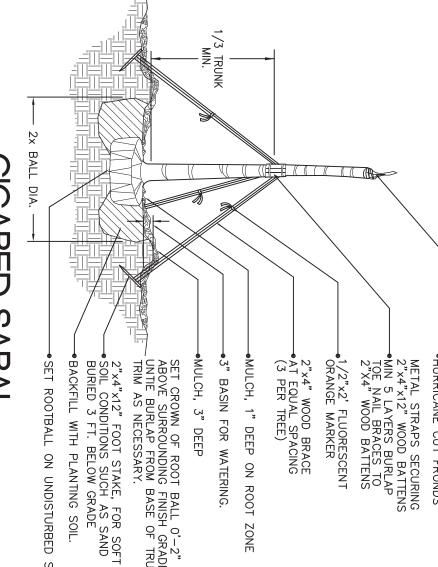
• 168 Stree



## ARGE 2x BALL 10 (2" cal. and over) TREE PLANTING ANTING DETAIL DO NOT CUT LEADER PRUNE DAMAGED OR DEAD PRUNE DAMAGED OR DEAD TO PLANTING AS DIRECTED BY THE LANDSCAPE ARCHITECT BACKFILL WITH PLANTING SOIL. 2"x2"x2' STAKE. TOP TO BE 2" MIN BELOW FINISH GRADE •1/2"x2' FLUORESCENT ORANGE MARKER MULCH, 3" DEEP 3" BASIN FOR WATERING. SET CROWN OF ROOT BALL 0'-2" ABOVE SURROUNDING FINISH GRADE. UNTIE BURLAP FROM BASE OF TRUNK. TRIM AS NECESSARY. MULCH, 1" DEEP ON ROOT ZONE 1" WIDE MIN. NYLON STRAPING AT EQUAL SPACING (3 PER TREE) PROTECT TREE WITH BURLAP

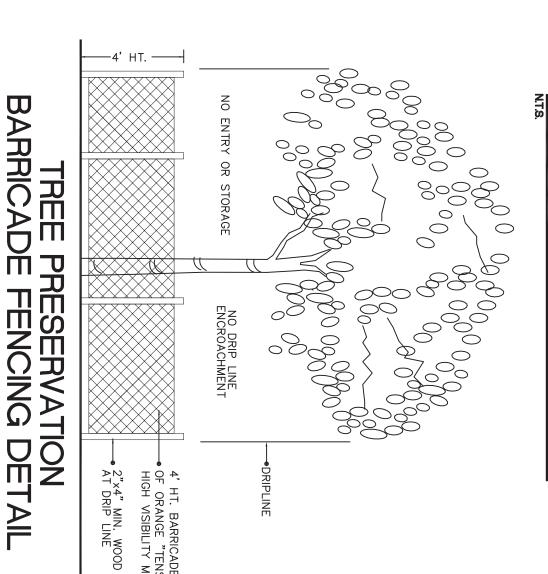
## 2x BALL DIA DO NOT CUT LEADER PRUNE DAMAGED OR DEAD PRUNE DAMAGED OR DEAD TO PLANTING AS DIRECTED BY THE LANDSCAPE ARCHITECT 3" BASIN FOR WATERING. MULCH, 3" DEEP 2"x4"X8'-0" STAKE BACKFILL WITH PLANTING SET ROOTBALL ON UNDISTURBED SOIL SET CROWN OF ROOT BALL 0'-2" ABOVE SURROUNDING FINISH GRADE. UNTIE BURLAP FROM BASE OF TRUNK. TRIM AS NECESSARY. PROTECT TREE WITH BURLAP LCH, 1" DEEP ON ROOT ZONE

## (2" cal. TREE and under) PLANTING DETAIL



# CIGARED SABAL PALM PLANTING DETAIL

SMALL



FLUORESCENT
ORANGE MARKER •
ON BRACE

1" WIDE MIN.
NYLON STRAPS •
(3 PER TREE)

3" BASIN FOR WATERING.

MULCH, 3" DEEP

SET CROWN OF ROOT BALL 0'-2"
ABOVE SURROUNDING FINISH GRADE.
UNTIE BURLAP FROM BASE OF TRUNK.
TRIM AS NECESSARY.

2"x4"X8'-0" STAKES (3 PER TREE) MULCH, 1" DEEP ON ROOT ZONE

PROTECT TREE WITH BURLAP

DO NOT CUT LEADER
PRUNE DAMAGED OR DEAD
•WOOD IMMEDIATELY PRIOR
TO PLANTING AS DIRECTED
BY THE LANDSCAPE ARCHITECT

STAKES 18" BELOW GRADE

MUL

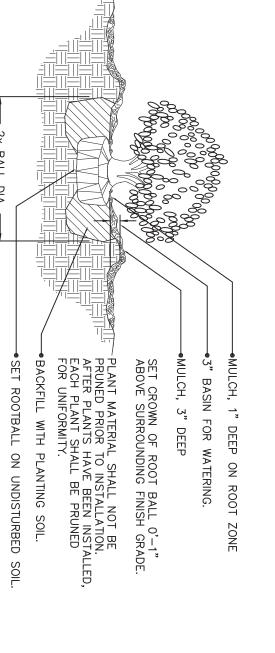
2x BALL DIA.

SET ROOTBALL ON UNDISTURBED SOIL

BACKFILL WITH PLANTING SOII

cal.

1- TRUNK AND SMALL TREE and under) PLANTING DETAIL



SPACING VARIES
ACCORDING TO
PLANT LIST
SPECIFICATIONS

BACKFILL MIX
AS SPECIFIED

MULCH, 3" DEEP (SEE SPEC.)

## SHRUB PL ANTIN 0 DETAIL

SUBSTITUTIONS AND CHANGES: ALL SUBSTITUTIONS AND CHANGES SHALL BE APPROVED IN WRITING PRIOR TO INSTALLATION. ANY DISCREPANCIES BETWEEN PLANS, SITE, AND SPECIFICATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PROJECT ENGINEER.

THE CONTRACTOR SHALL FURNISH TO BROWARD COUNTY ENGINEERING DIVISION A UNIT PRICE BREAKDOWN FOR ALL MATERIALS. B.C.E.D. MAY, AT ITS DISCRETION, ADD OR DELETE FROM THE MATERIALS UTILIZING THE UNIT PRICE BREAKDOWN SUBMITTED.

SHRUB / GROUNDCOVER SPACING / PLANTING DETAIL

	Y OR STORAGE	
	NO DRIP LINE ENCROACHMENT	
4 HI. BARKICADE FENCE OF ORANGE "TENSOR" HIGH VISIBILITY MESH.  2"x4" MIN. WOOD POST AT DRIP LINE	DRIPLINE	

1.06 INST

MAINTENANCE:

ICING DETAIL

0	MISCELLANEOUS:	
	THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL UTILITY LOCATIONS AND INSTALLING FACILITIES SO AS TO NOT CONFLICT. REFER TO THE "UTILITY" SECTION OF THE NOTES ON THE ENGINEERING PLANS.	
	THE CONTRACTOR SHALL COMPLY WITH ALL COUNTY AND MUNICIPAL CODES AND ORDINANCES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER.	
	EXISTING TREES AND DALMS TO REMAIN SHALL RE DROTECTED DURING	

THE "UTILITY" SECTION OF THE NOTES ON THE ENGINEERING PLANS.
ECONTRACTOR SHALL COMPLY WITH ALL COUNTY AND MUNICIPAL  DES AND ORDINANCES. CONTRACTOR SHALL BE RESPONSIBLE FOR
AINING ALL APPLICABLE PERMITS UNLESS OTHERWISE DIRECTED BY PROJECT ENGINEER.
STING TREES AND PALMS TO REMAIN SHALL BE PROTECTED DURING NSTRUCTION. AN ORANGE BARRICADE FENCE SHALL BE INSTALLED
OUND THE TREES AND PALMS TO REMAIN (SEE TREE PROTECTION FAIL)
E CONTRACTOR IS RESPONSIBLE FOR CLEAN-UP OF DEBRIS RESULTING DANDSCAPE CONSTRUCTION ACTIVITIES. THIS SHALL INCLUDE, BUT
T BE LIMITED TO, THE REMOVAL OF ALL DEBRIS INCLUDING TRASH,

## 2"x4"x12" FOOT STAKE, FOR SOFT SOIL CONDITIONS SUCH AS SAND BURIED 3 FT. BELOW GRADE BACKFILL WITH PLANTING SOIL. SET CROWN OF ROOT BALL 0'-2" ABOVE SURROUNDING FINISH GRADE. UNTIE BURLAP FROM BASE OF TRUNK TRIM AS NECESSARY. SET ROOTBALL ON UNDISTURBED SOIL

FERTILIZATION:
FERTILIZATION FOR DICOT TREES, SHRUBS, GROUND COVERS AND V
SHALL BE OF 8% NITROGEN, 10% PHOSPHORUS AND 10% POTASSIUN
COMPOSITION ANALYSIS. FERTILIZER FOR PALMS SHALL BE "PALM
FERTILIZER" OF 13% NITROGEN, 3% PHOSPHORUS AND 13% POTASSI
COMPOSITION ANALYSIS. FERTILIZER FOR GRASSING AREAS SHALL
8% NITROGEN (OF WHICH 50% SHALL BE ORGANICALLY DERIVED), 69
PHOSPHORUS AND 8% POTASSIUM COMPOSITION ANALYSIS.
CONTRACTOR SHALL APPLY GRANULAR FERTILIZER TO THE SOIL MIX
THE FOLLOWING BATES: TREE RITS 131BS REPONIDER INCH SHI

MPOSITION ANALYSIS. FERTILIZER FOR PALMS SHALL BE "PALM
RTILIZER" OF 13% NITROGEN, 3% PHOSPHORUS AND 13% POTASSIUM
MPOSITION ANALYSIS. FERTILIZER FOR GRASSING AREAS SHALL BE OF
NITROGEN (OF WHICH 50% SHALL BE ORGANICALLY DERIVED), 6%
OSPHORUS AND 8% POTASSIUM COMPOSITION ANALYSIS.
NTRACTOR SHALL APPLY GRANULAR FERTILIZER TO THE SOIL MIX AT
E FOLLOWING RATES: TREE PITS, 1-2 LBS. PER CALIPER INCH, SHRUB
DS, 2-3 LBS. PER 100 SQUARE FEET, GROUND COVER, 1-2 LBS. PER 100
UARE FEET, GRASSING AREAS, 1LB. PER 100 SQUARE FEET.
ILCH:
L PLANT BEDS AND SAUCERS SHALL BE THOROUGHLY MULCHED WITH
REDDED MELALEUCA OR EQUIVALENT NON-NATIVE MULCH GRADE 'B'
RETTER, MULCH SHALL BE A MINIMUM OF 3" DEEP. THOROUGH

TRANSPORT AND TRANSPORTI	CHARL DE FARE OF WEEDS AND DEBAID FAION TO
D. THE CONTRACTOR SHALL EXERCISE C	RIALL BE EBEE OF WEEDS AND DEBBIS BBIOD TO
ALTER THE NATURAL SHAPE.	ENISHING OF MULCH SHALL BE REQUIRED
EXPOSED BRANCHES AS NECESSARY. DO DAN	UCA OR EQUIVALENT NON-NATIVE MULCH GRADE 'B'
SHALL BE PROTECTED BY TYING IN THE F	ID SAUCERS SHALL BE THOROUGHLY MUI CHED WITH
DAMAGE TO THE ROOT SYSTEM AND DES	
O DEOTECT DI ANT MATERIAL DI IRING TI	
TO PREVENT WIND DAMAGE DURING TRA	SSING AREAS, 1LB. PER 100 SQUARE FEET.
PLANTS TO NOT BE CROWDED AND DAMA	100 SQUARE FEET, GROUND COVER, 1-2 LBS. PER 100
B. TRANSPORT MATERIALS ON VEHICLES	TES: TREE PITS. 1-2 LBS. PER CALIPER INCH. SHRUB
	L APPLY GRANULAR FERTILIZER TO THE SOIL MIX AT
ORDINANCES, CODES AND SAFELY REQU	3% POTASSIUM COMPOSITION ANALYSIS.
	WHICH 50% SHALL BE ORGANICALLY DERIVED), 6%

THE CONTRACTOR SHALL EXERCISE CARE IN HANDLING, LOADING, ULOADING, STORING, AND TRANSPORTING MATERIAL TO PREVENT AMAGE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ROTECTION AND SAFEKEEPING OF MATERIALS STORED.  TRANSPORTING MUST BE DONE WITHIN 24 HOURS AFTER BEING DUG. FORE PLANTS IN SHADE AND KEEP THE ROOT BALL AND CANOPY MOIST.
TRANSPORTING MUST BE DONE WITHIN 24 HOURS AFTER BEING DUG. ORE PLANTS IN SHADE AND KEEP THE ROOT BALL AND CANOPY MOIST.

## ALL PLANT MATERIAL STANDARDS: ALL PLANT MATERIAL SHALL MEET OR EXCEED PLANT LIST SIZES AND THE SHAPE RELATIONSHIPS AND BALL DIAMETERS AS SPECIFIED IN THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERYMEN STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND FLORIDA NO. 1 AS CLASSIFIED IN GRADES AND STANDARDS FOR NURSERY PLANTS PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE (EXCEPT AS NOTED IN THE PLANT LIST). NO MATERIAL SHALL BE ACCEPTED WHICH IS NOT PEST AND DISEASE FREE.

GENERAL PLANTING NOTES

IE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY
OCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN
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SRICULTURE (EXCEPT AS NOTED IN THE PLANT LIST). NO MATERIAL
ALL BE ACCEPTED WHICH IS NOT PEST AND DISEASE FREE.
ST OF PLANT MATERIAL:
E CONTRACTOR WILL VERIFY THE PLANT QUANTITIES PRIOR TO BIDDING
ID ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE
OJECT ENGINEER. THE CONTRACTOR SHALL FURNISH AND PLANT ALL
ANT REQUIRED TO COMPLETE THE WORK SHOWN ON THE DRAWINGS.
IBSTITUTIONS SHALL NOT BE MADE WITHOUT THE WRITTEN APPROVAL OF
E LANDSCAPE ARCHITECT. THIS CONTRACT WILL BE BASED ON THE

THE LANDSCAPE ARCHITECT. THIS CONTRACT WILL BE BASED ON THE
SIDDER HAVING VERIFIED PRIOR TO BIDDING THE AVAILABILITY OF THE REQUIRED PLANT MATERIAL AS SPECIFIED ON THE PLANT LIST. ALL PLANTS
SHALL BE PROPERLY MARKED FOR IDENTIFICATION.
PLANT BED PREPARATION: APPROXIMATELY ONE WEEK PRIOR TO BEGINNING PLANTING OPERATIONS.
TWO TO FIVE DAYS LATER SPRAY PLANT REDS WITH "ROLINDLIP" OR OTHER
APPROVED SYSTEMIC WEEK KILLER, APPLIED AT THE MANUFACTURER'S
RECOMMENDED RATE OF DILUTION AND COVERAGE OF HERBICIDE APPLICATION SHALL BE WITNESSED AND APPROVED BY CONSULTANT.
EXCAVATION:
ROADROCK BACKFILL IN MEDIANS SHALL BE EXCAVATED TO A DEPTH OF

SOIL MIX:  SOIL MIX FOR ALL PLANT BEDS, EXCEPT PALM LOCATIONS, WILL BE 80/20  SOIL OF GENERAL DIRECTED ANTING SOIL TO SAND. DALM DI ANT DITS
SOIL MIX:

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•

BACKFILLING SHALL BE DONE WITH SPECIFIED SOIL MIX FEE OF STONES,
SUBSOIL, STUMPS, ROOTS, WEEDS, LITTER, TOXIC SUBSTANCES, OR ANY
OTHER MATERIAL WHICH MAY BE HARMFUL TO PLANT GROWTH OR HINDER
GRADING, PLANTING, OR MAINTENANCE OPERATIONS. SHOULD ANY
UNFORESEEN OR UNSUITABLE PLANTING CONDITIONS ARISE, SUCH AS
FAULTY SOIL DRAINAGE OR CHEMICAL RESIDUES, THE CONTRACTOR SHALL
NOTIFY THE OWNER AND AWAIT INSTRUCTIONS FOR POSSIBLE EXTRA
WORK BEFORE PLANTING. THE CONTRACTOR WILL BE RESPONSIBLE FOR
ADEQUATE DRAINAGE FROM ALL PLANTS. THE PLANT SHALL BE SET PLUMB
AND STRAIGHT, AND SHALL BE STAKED AT THE TIME OF PLANTING.
BACKFILL SHALL BE WELL WORKED ABOUT THE ROOTS AND SETTLED BY
WATERING. PLANTS SHALL BE PLANTED AS TO BEAR SAME RELATION TO
FINISH GRADE. SAUCERS SHALL BE FORMED ABOVE EXISTING GRAD AND
AROUND THE OUTER RIM OF THE PLANT PIT.
ALL TREES SHALL BE PLANTED VERTICALLY AND BACKFILL COMPACTED
WITH WATER AND RODDING TO REMOVE ALL VOIDS AND TO SEAT ROOT
BALL. SEE TREE PLANTING DETAILS. TREES TRANSPLANTED BY MACHINE
SHALL BE MOVED BY MACHINES THAT PROVIDE A MINIMUM BALL DIAMETER

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TH WATER AND RODDING TO REMOVE ALL VOIDS AND TO SEAT ROOT
L. SEE TREE PLANTING DETAILS. TREES TRANSPLANTED BY MACHINE
ALL BE MOVED BY MACHINES THAT PROVIDE A MINIMUM BALL DIAMETER
9" PER 1" OF TREE CALIPER. HOLES ARE TO BE DUG BY THE SAME SIZE
CHINE AS THE ONE TRANSPORTING THE PLANT. THE PLANT MATERIAL
ALL BE TRANSPLANTED IN APPROXIMATELY THE SAME GROWING
NDITIONS OF SOIL TYPE AND MOISTURE CONTENT AS IT IS PRESENTLY
OWING.
RUBS AND TREE-FORM SHRUBS SHOULD BE TURNED IN THE PLANT PIT
OBTAIN THE BEST FOLIAGE RELATIONSHIP TO RELOCATION PRIOR TO
ARTING BACKFILL. GROUNDCOVERS SHALL BE PLANTED AFTER MULCH
D BEEN INSTALLED. NO PLANTS EXCEPT VINEY GROUNDCOVERS OR
PALIERED MATERIAL SHALL BE PLANTED CLOSER THAN 30" TO
LDINGS, WALK, OR CURBS.

CONDITIONS OF SOIL TYPE AND MOISTURE CONTENT AS IT IS PRESENTLY
GROWING.
SHRUBS AND TREE-FORM SHRUBS SHOULD BE TURNED IN THE PLANT PIT
TO OBTAIN THE BEST FOLIAGE RELATIONSHIP TO RELOCATION PRIOR TO
STARTING BACKFILL. GROUNDCOVERS SHALL BE PLANTED AFTER MULCH
ESPALIERED MATERIAL SHALL BE PLANTED CLOSER THAN 30" TO
BUILDINGS, WALK, OR CURBS.
CONTRACTOR SHALL STAKE & GUY ALL TREES & PALMS AT TIME OF PLANTING AS PER THE APPROPRIATE DETAIL. CONTRACTOR IS
RESPONSIBLE FOR THE MAINTENANCE AND/OR REPAIR OF ALL STAKING
AND GUYING DURING WARRANTY PERIOD. ALL RELOCATED TREES & PALMS SHALL RE RRACED AT LEAST ONE (1) YEAR
CHAIN MARKS, EQUIPMENT SCARS, OR WHEN THE BALL OF EARTH SURROUNDING ITS ROOTS HAS BEEN CRACKED, BROKEN OR OTHERWISE
DAMAGED.

STABILITY DURING THE ROOT REGENERATION PERIOD; AS PER THAT APPLICABLE DETAIL.	A. BRACING AND GUYING SHALL BE PROVIDED TO ASSURE THE TR	1.03 BRACING AND GUYING OF TREES AFTER ROOT PRUNING:	CONTACTED PRIOR TO PERFORMING ANY MAJOR PRUNING OR TH	NATURAL HABIT OR SHAPE OF A PLANT. THE PROJECT ENGINEER	THINNING SHALL BE DONE IN SUCH A MANNER AS NOT TO CHANGI	BRANCHES AS A RESULT OF TRANSPLANTING OPERATIONS. PRUI	THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS

1.13 SCHEDULE AND APPROVALS:

. FOR ALL REPLACEMENT PLANT MATERIAL, THE WARRANTY PERIOD HALL BE EXTENDED AN ADDITIONAL 45 DAYS BEYOND THE ORIGINAL VARRANTY PERIOD. ALL TREES THAT LEAN OR ARE BLOWN OVER, CAUSED Y WINDS LESS THAN 75 MPH AS DEFINED BY THE MIAMI HURRICANE ENTER, WILL BE RE-SET AND BRACED BY THE CONTRACTOR AT NO DDITIONAL COST TO DADE COUNTY.

THE LANDSCAPE CONTRACTOR SHALL SUBMIT A WRITTEN SCHEDULE OF OPERATIONS AND WRITTEN REQUESTS FOR APPROVALS IN ACCORDANCE WITH PROJECT SPECIFICATIONS OR AS OTHERWISE AGREED UPON WITH THE OWNER.

CT UPON NOTIFICATION BY CONTRACTOR. ACCEPTANCE AFTER ALL CONTRACT ITEMS ACTORY.

J5   RANSPLANTING PLANT MATERIAL
MOVEMENT OF PLANTS ON PUBLIC R.O.W.'S SHALL COMPLY WITH ALL RDINANCES, CODES AND SAFETY REQUIREMENTS, ETC.
TRANSPORT MATERIALS ON VEHICLES LARGE ENOUGH TO ALLOW ANTS TO NOT BE CROWDED AND DAMAGED. PLANTS SHALL BE COVERED
PROTECT PLANT MATERIAL DURING TRANSPORTING TO PREVENT

VEMENT OF PLANTS ON PUBLIC R.O.W.'S SHALL COMPLY WITH ALL VANCES, CODES AND SAFETY REQUIREMENTS, ETC.
ANSPORT MATERIALS ON VEHICLES LARGE ENOUGH TO ALLOW TS TO NOT BE CROWDED AND DAMAGED. PLANTS SHALL BE COVERED REVENT WIND DAMAGE DURING TRANSIT.
OTECT PLANT MATERIAL DURING TRANSPORTING TO PREVENT
GE TO THE ROOT SYSTEM AND DESICCATION OF LEAVES. TREES
_ BE PROTECTED BY TYING IN THE BRANCHES AND COVERING ALL
SED BRANCHES AS NECESSARY. DO NOT BEND OR BIND-TIE PLANT
RIAL IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES OR
O THE NATION CHARE

	1.14 FINAL ACCEPTANCE:
V.'S SHALL COMPLY WITH ALL REMENTS, ETC.	OWNER SHALL REVIEW PROJEC
ARGE ENOUGH TO ALLOW ED. PLANTS SHALL BE COVERED SIT.	AND OBLIGATIONS ARE SATISF
NSPORTING TO PREVENT CATION OF LEAVES. TREES CANCHES AND COVERING ALL NOT BEND OR BIND-TIE PLANT GE BARK, BREAK BRANCHES OR	
RE IN HANDLING, LOADING,	

AND	
Z	GUARANTEE SHALL BE IN WRITING.
~	
YMEN	ALL PLANTS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR
FOR	AFTER FINAL ACCEPTANCE BY THE OWNER, AND SHALL BE ALIVE AND
	IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD.
RIAL	
	GUARANTEE SHALL COVER BOTH LABOR A ND MATERIALS. EARTH
	SAUCERS, TAKES, GUYS, AND BRACING SHALL BE REMOVED AND
	THREES AND SHRUBS MULCHED TO A 3" DEPTH JUST PRIOR TO
	EXPIRATION OF THE ONE YEAR GUARANTEE. THE OWNER SHALL BE
N OF THE	NOTIFIED IN WRITING TWO WEEKS PRIOR TO THIS WORK.
ANT ALL	
WINGS	BY THE OWNER OR HIS DESIGNEE ANY DI ANT INSTALLED LINDER THE

SECOND MONTH

EVERY OTHER DAY

2" PER TREE OR PALM

FREQUENCY ONCE DAILY

AMOUNT 3" PER TREE OR PAL

.07 WATERING TRANSPLANTED TREES:

ROOTBALL WATERING: MAINTAIN A SOIL MOISTURE IN THE ROOT ZONE AN OPTIMUM LEVEL FOR HEALTHY GROWTH. DEEP WATER THE ENTIRE SOTBALL AREA AT A MINIMUM ACCORDING TO THE FOLLOWING HEDULE:

\_AST EIGHT MONTHS

ONCE PER WEEK

1" PER TREE OR PALM 1" PER TREE OR PALM

OLLOWING TWO MONTHS

TWICE A WEEK

N SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD.
BUARANTEE SHALL COVER BOTH LABOR A ND MATERIALS. EARTH BAUCERS, TAKES, GUYS, AND BRACING SHALL BE REMOVED AND
HREES AND SHRUBS MULCHED TO A 3" DEPTH JUST PRIOR TO ::XPIRATION OF THE ONE YEAR GUARANTEE. THE OWNER SHALL BE
NOTIFIED IN WRITING TWO WEEKS PRIOR TO THIS WORK.
AT THE END OF THE GUARANTEE PERIOD, INSPECTION WILL BE MAKE
3Y THE OWNER, OR HIS DESIGNEE ANY PLANT INSTALLED UNDER THE
DETERMINED BY THE OWNER, OR HIS DESIGNEE, SHALL BE REMOVED
ROM THE SITE; THESE PLANTS SHALL BE REPLACED AS SOON AS
CONDITIONS PERMIT. AT THE OWNER AND CONTRACTOR'S OPTION,
THEY MAY ELECT TO ALLOW ANY SUCH PLANT INITIALLY REJECTED BY
SEASON, AT WHICH TIME THE REJECTED PLANT, IF FOUND TO BE DEAD,
N AN UNHEALTHY OR BADLY IMPAIRED CONDITION SHALL BE REPLACED.
VII DEDI VOEMENITO CHVII DE DI VNITO DE THE CVIVE KIND VO

EES AND SHRUBS MULCHED TO A 3" DEPTH JUST PRIOR TO IRATION OF THE ONE YEAR GUARANTEE. THE OWNER SHALL BE
'HE END OF THE GUARANTEE PERIOD, INSPECTION WILL BE MAKE
'HE OWNER, OR HIS DESIGNEE ANY PLANT INSTALLED UNDER THE ITRACT THAT IS DEAD OR NOT IN SATISFACTORY GROWTH, AS
ERMINED BY THE OWNER, OR HIS DESIGNEE, SHALL BE REMOVED
MITIONS PERMIT. AT THE OWNER AND CONTRACTOR'S OPTION,
Y MAY ELECT TO ALLOW ANY SUCH PLANT INITIALLY REJECTED BY
OWNER TO REMAIN THROUGH ANOTHER COMPLETE GROWING
N UNHEALTHY OR BADLY IMPAIRED CONDITION SHALL BE
LACED.
REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AS
AINED BY ADJACENT PLANTS OF THE SAME KIND AT THE TIME OF
LACEMENTS. ALL COSTS OF REPLACEMENT PLANTING SHALL BE
NE BY THE CONTRACTOR.

B. IF THERE IS NO SOURCE FOR WATER AVAILABLE AT THE PROJECT, SUCH AS A HOSE BIB(S) OR FIRE HYDRANTS(S) IF APPROVED FOR USE, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING WATER BY MEANS OF A TRUCK OR TANK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PAY ANY FEES FOR WATER USE.

C. THE CONTRACTOR SHALL ADHERE TO THE SOUTH FLORIDA WATER WANAGEMENT DISTRICT'S WATER RESTRICTIONS CURRENT AT THE TIME OF RELOCATION ACTIVITIES.

ED.
LACEMENTS SHALL BE PLANTS OF THE SAME KIND AS
D BY AD LACENT BI ANTS OF THE SAME KIND AT THE TIME OF LLY PLANTED AND SHALL BE OF SIZE SHALL TO THAT
EMENTS. ALL COSTS OF REPLACEMENT PLANTING SHALL BE
3Y THE CONTRACTOR.
OVAL / RELOCATION:
PECIFICATIONS SHALL BE INCLUDED IN THE UNIT COST OF TREE

1.08 MULCHING OF PLANT SAUCER:

A. SPREAD 3" MINIMUM DEPTH THICK LAYER OF SHREDDED EUCALYPTUS OR MELALEUCA GRADE 'B' MULCH OR EQUAL OVER ENTIRE AREA OF THE ROOTBALL.

A. AT TIME OF WATERING ROOT-PRUNED TREES PRIOR TO TRANSPLANTING, DRENCH ROOTBALL ONCE PER WEEK DURING THE COURSE OF WATERING WITH A SOLUBLE FERTILIZER THAT HAS A 20.20.20 ANALYSIS AT MANUFACTURER'S RECOMMENDED RATE.

APPLICATION OF FERTILIZER:

THREE (3) WEEKS AFTER TRANSPLANTING, AND AFTER MULCHING, APPLY ITHE SURFACE, EVENLY SPREAD OVER THE AREA OF THE ENTIRE DOTBALL, FEC (FLORIDA EAST COAST FERTILIZER CO.) #5231 (12-6-8) OR QUAL AT THE RATE OF 0.5KG PER 1" OF TRUNK DIAMETER.

PLANS.  1.01 ROOT PRUNING, WATERING BEFORE TRANSPLANTING:  A. ALL TREE & PALM RELOCATION, ROOT PRUNING AND TRIMMING, SHALL BE PERFORMED UNDER THE SUPERVISION OF A CERTIFIED & LICENSED ARBORIST.	1.00 LOCATION  A. TREES & PALMS SHALL BE RELOCATED ONCE FROM THEIR PRESENT LOCATION TO A LOCATION ON THE PROJECT SITE SPECIFIED ON THE	
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O A LOCATION ON THE PROJECT SITE SPECIFIED ON THE
RUNING, WATERING BEFORE TRANSPLANTING:
& PALM RELOCATION, ROOT PRUNING AND TRIMMING, SHALL BE UNDER THE SUPERVISION OF A CERTIFIED & LICENSED
JNE TREES A MINIMUM OF EIGHT (8) WEEKS PRIOR TO MOVING R TO ROOT PRUNING, THOROUGHLY WATER THE ROOT ZONE (ST 2 TO 3 INCHES OF WATER, 2 TO 3 DAYS PRIOR TO ROOT ABBAGE PALMS DO NOT REQUIRE ROOT PRUNING.
JUING SHALL BE ACCOMPLISHED BY DIGGING A TRENCH \$\((2/3\)) OF THE WAY AROUND THE TREE AT A MINIMUM OF 24"

A. STAKE ALL TREES AND PALMS AT THE NEW SITE WITH NEW TIMBERS WITH A MINIMUM 2" X 4" DIMENSION AS PER THE DETAILS ENCLOSED, OR IN THE CASE OF OBSTACLE, IN ANOTHER MANNER WHICH WILL SUPPORT THE TREES.

1.10 STAKING TREES:

1.11 CLEAN-UP

. DISPOSAL OF WASTE: ALL WASTE AND OTHER OBJECTIONABLE ATERIAL CREATED THROUGH PLANTING OPERATIONS AND LANDSCAPE ONSTRUCTION SHALL BE REMOVED COMPLETELY ON A DAILY BASIS FROM HE JOB OR AS DIRECTED BY THE PROJECT ENGINEER. ANY PAVED AREAS, ICLUDING CURBS AND SIDEWALKS THAT HAVE BEEN STAINED WITH SOIL, DD WASTE, FERTILIZER OR OTHER WASTE SHALL BE THOROUGHLY NEPT.

UP TO 4" CALIPER 3' DIAMETER 4"-8" CALIPER 4' DIAMETER 8"-12" CALIPER 5' DIAMETER OVER 12" CALIPER 6' DIAMETER OVER 12" CALIPER 6' DIAMETER  D. ALL EXPOSED ROOTS SHALL BE CUT OFF SMOOTHLY, WITH SHARP INSTRUMENTS. BACKFILL TRENCHES WITH SOIL CONSISTING OF 30% SILICA SAND AND 70% MUCK. WATER THEM THOROUGHLY AFTER ROOT PRUNING, AND ONCE WEEKLY DURING THE ROOT REGENERATION PERIOD, WITH A SOLUBLE FERTILIZER THAT HAS A 20.20.20 ANALYSIS AT MANUFACTURER'S RECOMMENDED RATE.
1 02 TOP PRIMING AND THINNING:

JMENTS. BACKFILL TRENCHES WITH SOIL CONSISTING OF 30% SILICA AND 70% MUCK. WATER THEM THOROUGHLY AFTER ROOT PRUNING, NCE WEEKLY DURING THE ROOT REGENERATION PERIOD, WITH A LE FERTILIZER THAT HAS A 20.20.20 ANALYSIS AT MANUFACTURER'S AMENDED RATE.  JP PRUNING AND THINNING:  AMOUNT OF GENERAL PRUNING AND THINNING SHALL BE LIMITED TO INIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS OR INJURED OR INJURED T
NCE WEEKLY DURING THE ROOT REGENERATION PERIOD, WITH A LE FERTILIZER THAT HAS A 20.20.20 ANALYSIS AT MANUFACTURER'S IMENDED RATE.
)P PRUNING AND THINNING:
AMOUNT OF GENERAL PRUNING AND THINNING SHALL BE LIMITED TO INIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS OR
HES AS A RESULT OF TRANSPLANTING OPERATIONS. PRUNING AND ING SHALL BE DONE IN SUCH A MANNER AS NOT TO CHANGE THE SALL HABIT OR SHAPE OF A PLANT. THE PROJECT ENGINEER SHALL BE
CTED PRIOR TO PERFORMING ANY MAJOR PRUNING OR THINNING.

C. BACKFILLING OF HOLE LEFT BY RELOCATED TREE SHALL BE DONE IMMEDIATELY AFTER TREE REMOVAL, OR SUITABLE BARRICADES SHALL BE PROVIDED TO PREVENT INJURIES UNTIL HOLES ARE FILLED. THE CONTRACTOR SHALL BACKFILL HOLES WITH CLEAN FILL AND TOP SOIL TO A LEVEL FLUSH WITH ADJACENT GRADE.

THE CONTRACTOR SHALL REMOVE AND DISPOSE OF STAKES AND TENS AND UNTIE ANY TIED-UP CANOPIES WHEN IT IS DETERMINED BY E PROJECT ENGINEER THAT SUFFICIENT TIME HAS ELAPSED FOR THE ANTS TO ROOT STABILIZE, AND/OR AT THE END OF THE ONE YEAR ARANTEE PERIOD. THIS SHALL BE DONE EVEN IF THE PROJECT HAS EN COMPLETED AND GIVEN FINAL ACCEPTANCE. THE CONTRACTOR ALL UNTIE CANOPIES IMMEDIATELY AFTER INSTALLATION AND REMOVE AKES AFTER ONE YEAR.

1.12 GUARANTEE AND REPLACEMENT:

ALL RELOCATED PLANT MATERIAL SHALL BE GUARANTEED FOR 1 YEAR OM TIME OF RELOCATION.

OF PRUNING AND THINNING:
E AMOUNT OF GENERAL PRUNING AND THINNING SHALL BE LIMITED TO
MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS OR
CHES AS A RESULT OF TRANSPLANTING OPERATIONS. PRUNING AND
ING SHALL BE DONE IN SUCH A MANNER AS NOT TO CHANGE THE
RAL HABIT OR SHAPE OF A PLANT. THE PROJECT ENGINEER SHALL BE
ACTED PRIOR TO PERFORMING ANY MAJOR PRUNING OR THINNING.
RACING AND GUYING OF TREES AFTER ROOT PRUNING:
ACING AND GUYING SHALL BE PROVIDED TO ASSURE THE TREES'

ANT MATERIAL, WHICH IS IN A SOIL OF A LOOSE TEXTURE, WHICH DOES
READILY ADHERE TO THE ROOT SYSTEM, ESPECIALLY IN THE CASE OF
GE PLANTS OR TREES, SHALL HAVE THE ROOTBALL WRAPPED IN
LAP AND THEN WIRE, UNLESS OTHERWISE DIRECTED BY THE PROJECT
DSCAPE ARCHITECT.
TRANSPLANTING PLANT MATERIAL
OVEMENT OF PLANTS ON PUBLIC R.O.W.'S SHALL COMPLY WITH ALL
OVEMENT OF TEAN OF TOBELO A.O.W. O OFFICE COMPLY WITH ALL

TRANSPLANTING PLANT MATERIAL
MOVEMENT OF PLANTS ON PUBLIC R.O.W.'S SHALL COMPLY WITH ALL DINANCES, CODES AND SAFETY REQUIREMENTS, ETC.
RANSPORT MATERIALS ON VEHICLES LARGE ENOUGH TO ALLOW NTS TO NOT BE CROWDED AND DAMAGED. PLANTS SHALL BE COVERED PREVENT WIND DAMAGE DURING TRANSIT.

OVEMENT OF PLANTS ON PUBLIC R.O.W.'S SHALL COMPLY WITH ALL NANCES, CODES AND SAFETY REQUIREMENTS, ETC.
ANSPORT MATERIALS ON VEHICLES LARGE ENOUGH TO ALLOW TS TO NOT BE CROWDED AND DAMAGED. PLANTS SHALL BE COVEREI REVENT WIND DAMAGE DURING TRANSIT.
OTECT PLANT MATERIAL DURING TRANSPORTING TO PREVENT AGE TO THE ROOT SYSTEM AND DESICCATION OF LEAVES. TREES L BE PROTECTED BY TYING IN THE BRANCHES AND COVERING ALL

NOBORT MATERIALS ON VEHICLES LARGE ENOUGH TO ALLOW
'S TO NOT BE CROWDED AND DAMAGED. PLANTS SHALL BE COVERE EVENT WIND DAMAGE DURING TRANSIT.
DTECT PLANT MATERIAL DURING TRANSPORTING TO PREVENT
GE TO THE ROOT SYSTEM AND DESICCATION OF LEAVES. TREES
. BE PROTECTED BY TYING IN THE BRANCHES AND COVERING ALL
SED BRANCHES AS NECESSARY. DO NOT BEND OR BIND-TIE PLANT
RIAL IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES OF
RTHE NATURAL SHAPE.

A. EXCAVATION OF HOLES: PLANT HOLES SHALL BE ROUGHLY CYLINDRICAL IN SHAPE WITH SIDES APPROXIMATELY VERTICAL. THE DEPTH OF THE HOLE SHALL BE EQUAL TO THE ROOTBALL DEPTH PLUS 12" UNLESS FURTHER DEPTH IS REQUIRED TO PROVIDE ADEQUATE DRAINAGE. THE DIAMETER OF THE HOLE SHALL BE A MINIMUM OF 24" LARGER THAN THE ROOTBALL DIAMETER.
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NG OF PLANTS
MATERIAL SHALL BE PLANTED AT THEIR NATURAL AND ORIGINAL
IG LEVEL PRIOR TO THEIR RELOCATION AND PLACEMENT ON THE
E. WHEN LOWERED INTO THE HOLE, THE PLANTS SHALL REST ON
EPARED HOLE BOTTOM SUCH THAT THE SURFACE ROOTS AT THE
THE ROOTBALL ARE LEVEL OR SLIGHTLY ABOVE THE LEVEL OF THE
THE HOLE. CREATE A SAUCER, APPROXIMATELY 6" DEEP TO HELP
ATER. THE PLANTS SHALL BE SET STRAIGHT OR PLUMB OR
. TO THE RELATIONSHIP OR THEIR GROWTH PRIOR TO
ANTING THE DRO IECT ENGINEER OR REDRESENTATIVE

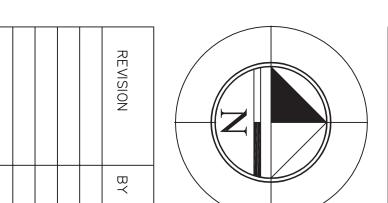
PLANTING SOIL TO SAND MIX.
SOIL TO SAND. PALMS RECEIVE 30/70 GENERAL PURPOSE
CONSISTING OF 80/20 MIX OF GENERAL PURPOSE PLANTING
1) USE PLANTING SOIL FOR TREE INSTALLATION
C. BACKFILLING
BEEN SET, WITHOUT ADDITIONAL COST.
RESERVES THE RIGHT TO REALIGN ANY PLANT MATERIAL AFTER IT
TRANSPLANTING. THE PROJECT ENGINEER OR REPRESENTATIVE
NOXMAE TO THE AFEAT CAUSE OX THE AGAINST TAICATED

Drawn by Date

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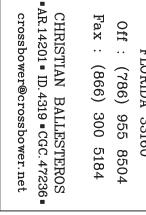
PROJECT:	LANDSCAPE PLAN
ADDRRESS :	835 ALTON ROAD, MIAMI BEACH FL

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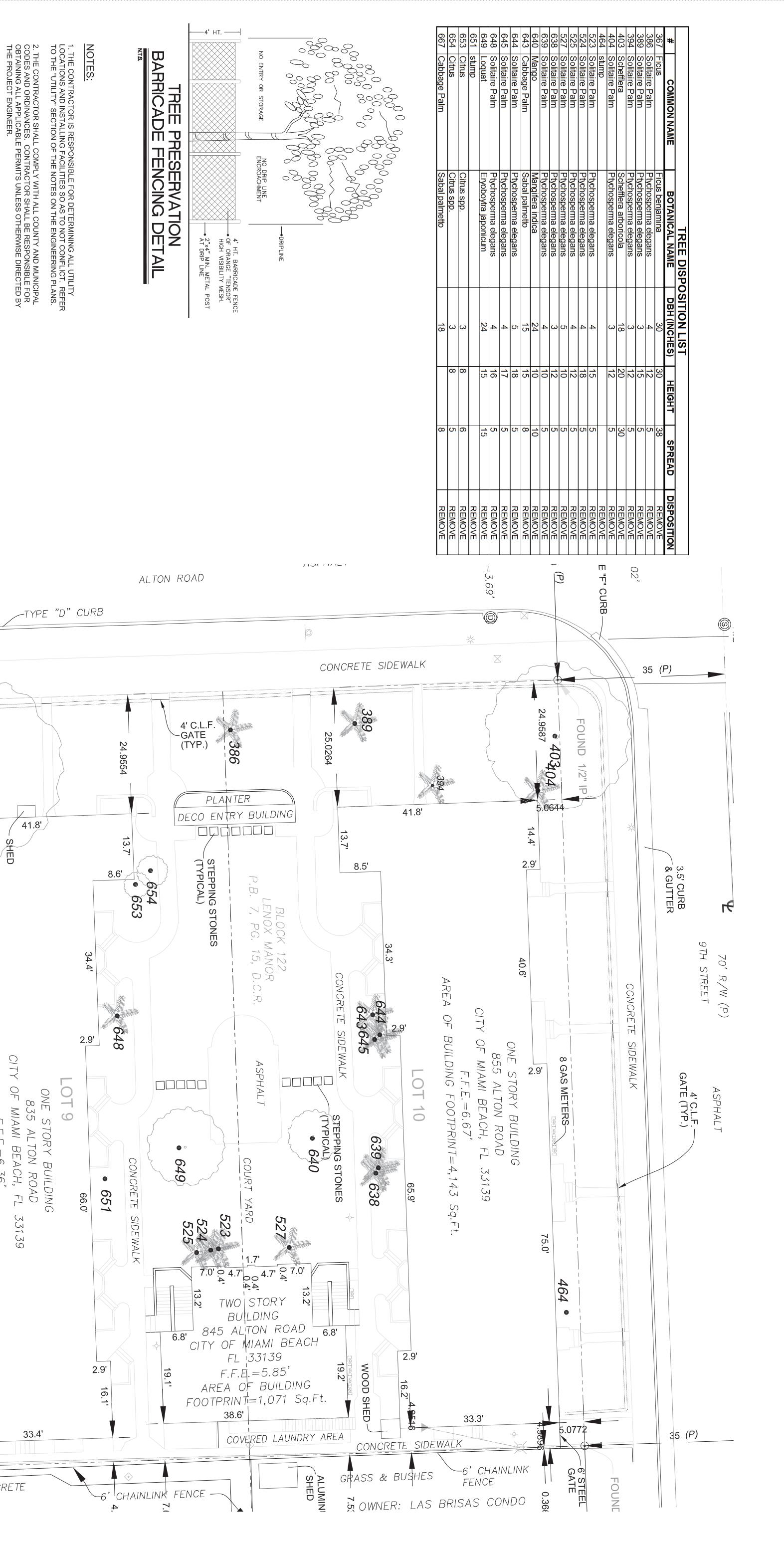








GENERAL CONTRACTOR
CONSTRUCTION MANAGEMENT
ARCHITECTURE PLANNING • INTERIOR DESIGN ENGINEERING CROSSBOWER CORP. 3247 N.E. 168 Street
NORTH MIAMI BEACH
FLORIDA 33160
Off: (786) 955 8504



PROJECT:

LB 6633 5' OFFSET WEST 6' CHAINLINK -FENCE

FOUND IRC

TREE DISPOSITION PLAN

ADDRRESS: 835 ALTON ROAD, MIAMI BEACH FL

CONCRETE

3. EXISTING TREES AND PALMS TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. AN ORANGE BARRICADE FENCE SHALL BE INSTALLED AROUND THE TREES AND PALMS TO REMAIN (SEE TREE PROTECTION DETAIL)

4. THE CONTRACTOR IS RESPONSIBLE FOR CLEAN-UP OF DEBRIS RESULTING FROM LANDSCAPE CONSTRUCTION ACTIVITIES. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE REMOVAL OF ALL DEBRIS INCLUDING TRASH, LARGE ROCKS, BOTTLES, CANS, STAKES, WIRE, ETC

T<sub>S</sub>

ARM

24.9623

3.0'

40.7'

3.0

AREA

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835 ALTON ROAD MIAMI BEACH, FL F.F.E.=6.36

33139

33.4'

BUILDING FOOTPRINT=4,154

Sq.Ft.

8 GA

S METERS

5.93984.8599

CONCRETE SIDEWALK

367

´ 41.<u>8'</u>

SHED

50 (<u>P)</u>

UNDER CONC.
WALK

CITY OF

MIAMI BEACH,

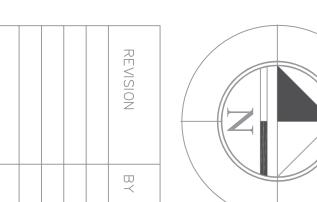
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OWNER:

ER: PAUL—HERBET A 825 ALTON ROAD DF MIAMI BEACH, FL

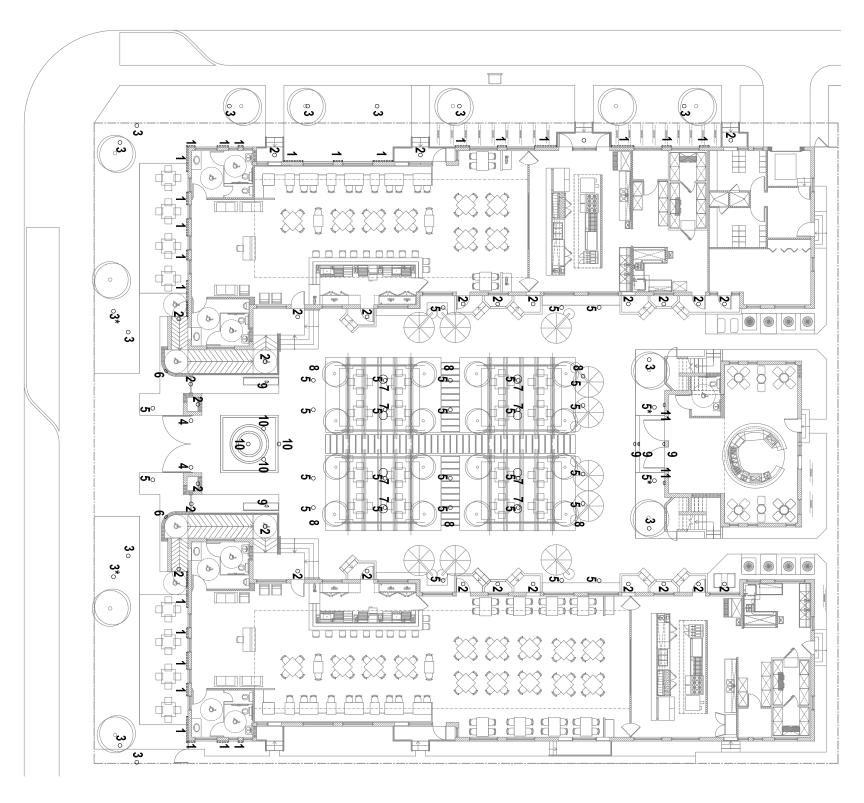
APTS

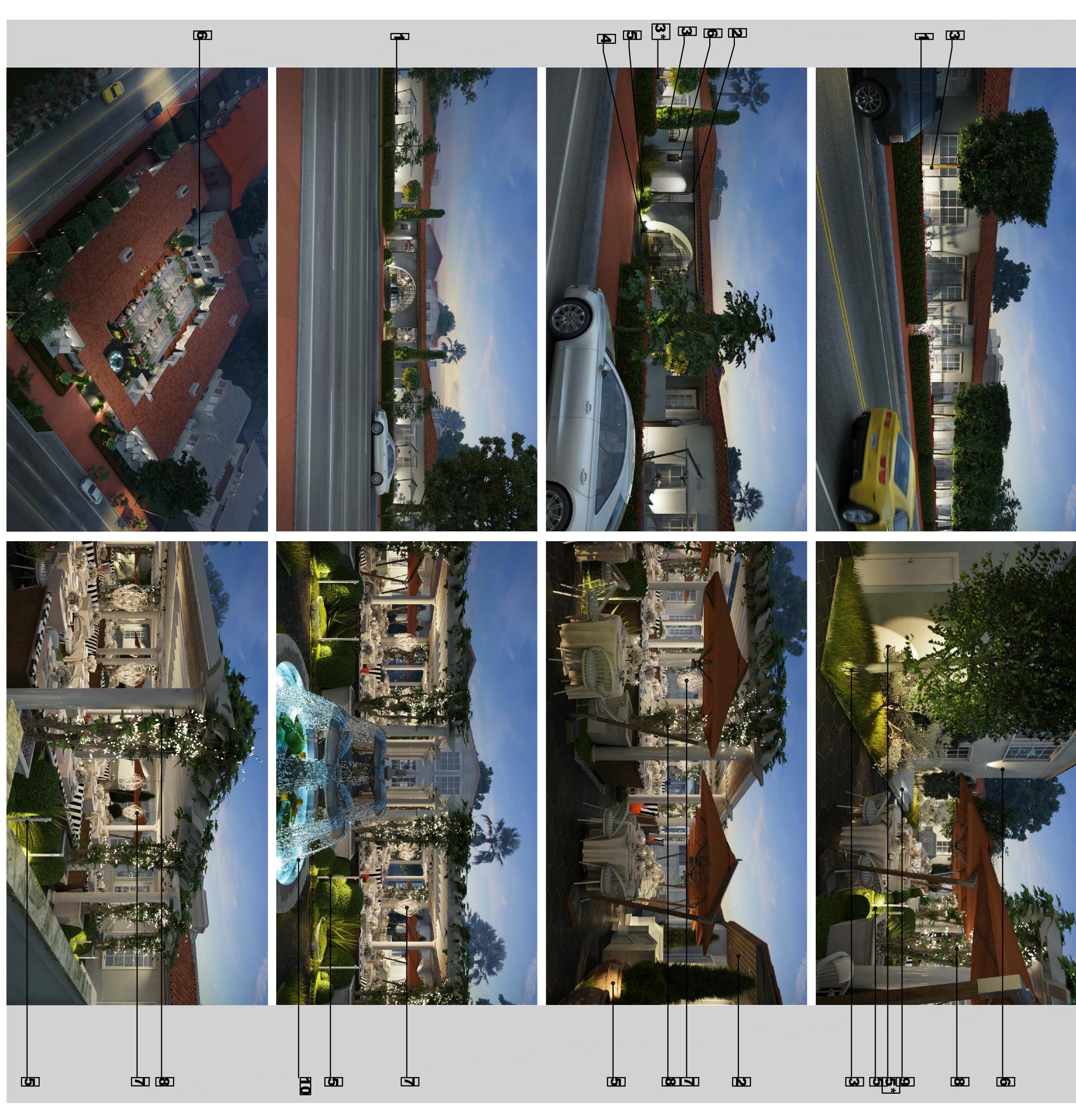
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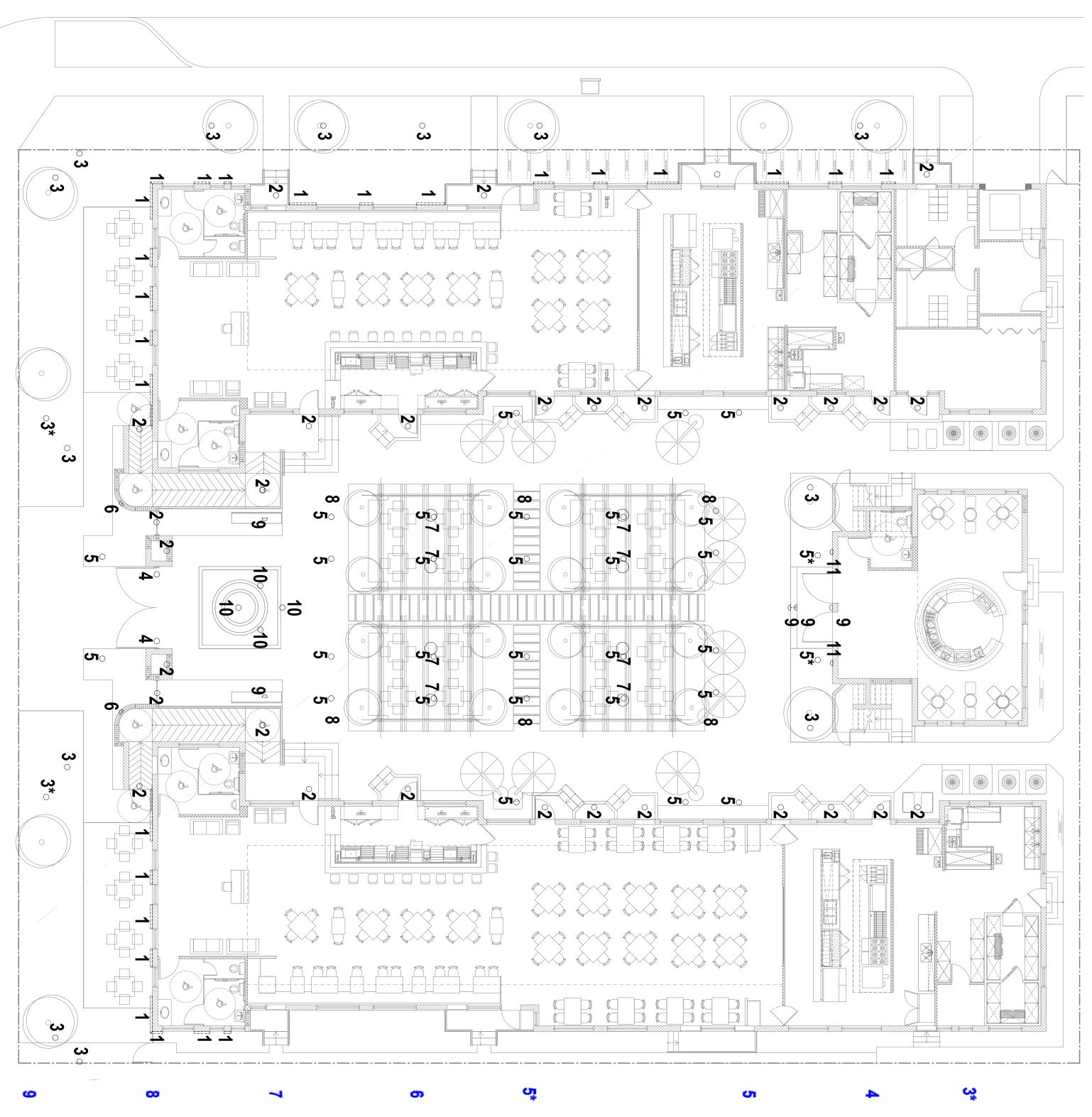


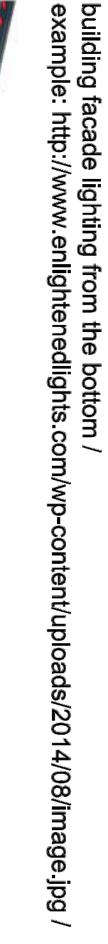












ceiling recessed lighting / example: http://www.deltalight.com/en/products/detail/mini-reo-x-83040-415-151-833



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plants lighting from the bottom / example: http://www.deltalight.com/en/products/detail/kix-s-232-08-831

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3247 N.E. 168 STREET

NORTH MIAMI BEACH, FL.33160
PH: 786-955 8504
FAX: 866-300 5184

CHRISTIAN BALLESTEROS
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GENERAL CONTRACTOR
CONSTRUCTION MANAGEMENT
ARCHITECTURE
PLANING • INTERIOR DESIGN
ENGINEERING

CROSSBOWER CORP.



installed in the plants pot / example: http://www.deltalight.com/en/products/detail/kix-s-232-08-831



floor recessed light / example: http://www.deltalight.com/en/products/detail/logic-r-a-wallwash-sbl-213-48-2125







Floor lamp lighting walkways and plants at the same time /

example: http://www.vibia.com/en/lamps/show/id/480110/outdoor\_lamps\_bamboo\_4801\_design\_by\_antoni\_arola\_enric\_rodriguez.html

RESTAURANTS & PATIO

**ALTON ROAD** 

PROJECT NAME



Floor lamp facade and plants lighting at the same time / example: http://www.deltalight.com/en/products/detail/logic-r-a-wallwash-sbl-213-48-2125

835, 845 & 855 ALTON ROAD MIAMI BEACH, FL 33139

REVISION



Wall light for the restaurants menu and facade

example: http://www.vibia.com/en/lamps/show/id/48208/outdoor\_lamps \_bamboo\_4820\_design\_by\_antoni\_arola\_enric\_rodriguez.html



handing light / example: http://www.brandvanegmond.com/en/collection/details/1/hollywood



tree lights bulbs of example: http://rbulbs on the wire / http://r-ec.bstatic.com/images/hotel/840x460/438/4384875.jpg



wall recessed light / example: http://www.deltalight.com/en/products/detail/logic-w-I-304-32-01-83



light in the water /

9

example: http://www.pondandfountainworld.com/images/cartimages/lighting/Lighted\_Massarelli\_Fountain.jpg



CADD Fi

835 ALTON RD MAT PB 04-17-16.dwg

DRAWN

Project Scale: Date:

2015-152 AS NOTED 03-31-2016 E.T. / S.V. J.V.

EXTERIOR LIGHTING

DRAWING TILE