

MIAMI BEACH FIRST DRB LANDSCAPE SUBMITTAL - 04.14.2023

NEW RESIDENCE | 290 S COCONUT LANE | MIAMI BEACH, FLORIDA



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- L-3.0 PLANT LIST, LANDSCAPE CODE + DETAILS

SCOPE OF WORK

- NEW LANDSCAPE TO COMPLIMENT NEW RESIDENCE

seal

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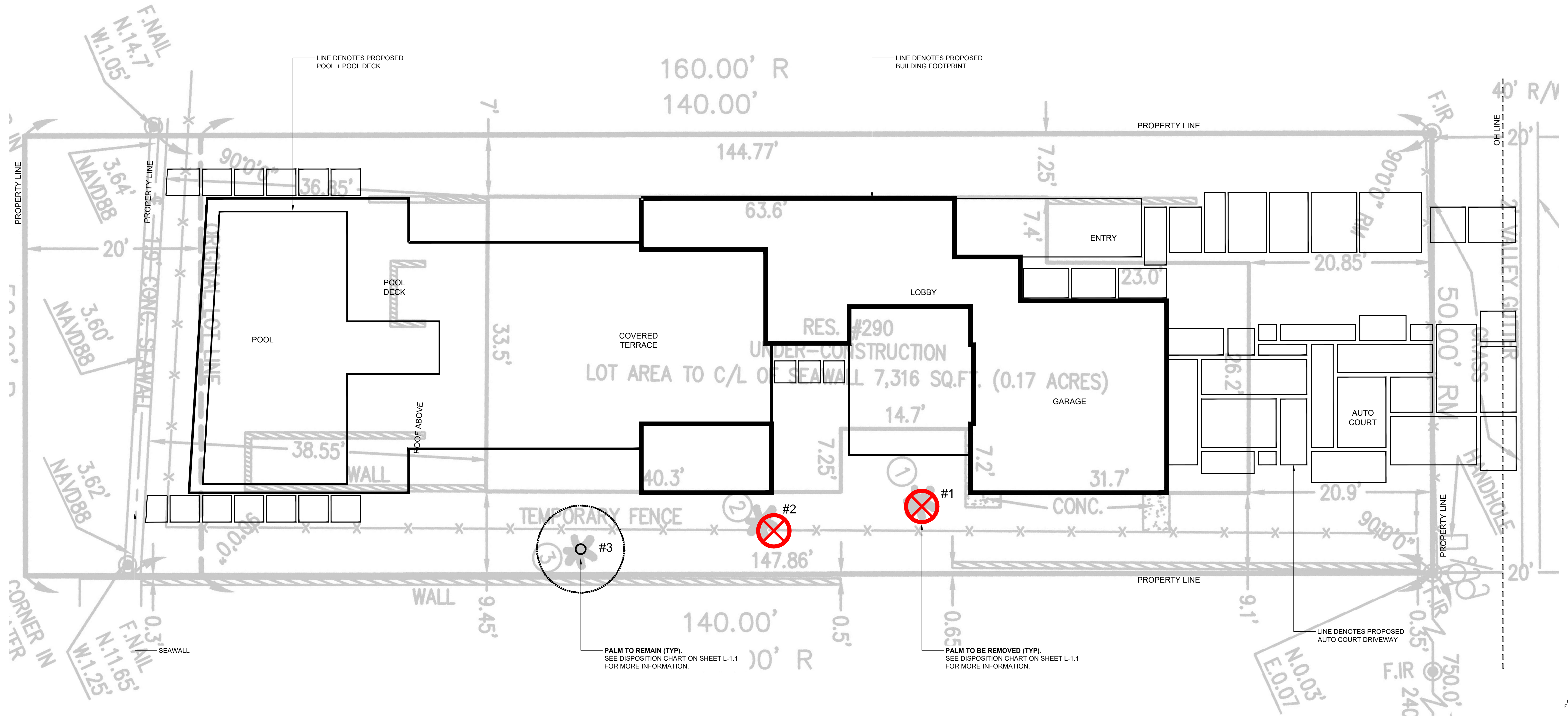
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C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION NOTES

1. THIS 'EXISTING TREE INVENTORY + DISPOSITION PLAN' HAS BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION + PROTECTION ORDINANCE.
2. EXISTING TREE, PALM, + VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY FREEDOM OF LAND CORP DATED 01.30.23.
3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 04.10.23.
4. MIAMI BEACH P+Z MUST APPROVE LANDSCAPE PLANS PRIOR TO REMOVING ANY TREES OR PALMS WITH A D.B.H. BETWEEN 6" + 12". A WRITTEN TREE REMOVAL PERMIT IS REQUIRED FROM CITY OF MIAMI BEACH GREENSPACE MANAGEMENT / PUBLIC WORKS FOR THE REMOVAL OF TREES / PALMS WITH A D.B.H. GREATER THAN 12" OR IN THE R.O.W.
5. THE OWNER RESERVES THE RIGHT TO REMOVE ANY VEGETATION NOT LOCATED WITHIN THE CITY R.O.W. WITH A D.B.H. OF LESS THAN 6" WITHOUT OBTAINING A TREE REMOVAL PERMIT.
6. THERE ARE NO TREES OR PALMS LOCATED ON THIS PROPERTY THAT WILL REQUIRE TEMPORARY IRRIGATION. ALL EXISTING TREES + PALMS ARE MATURE AND ARE CURRENTLY THRIVING WITHOUT SUPPLEMENTAL IRRIGATION WATER.

EXISTING TREE SURVEY + DISPOSITION PLAN

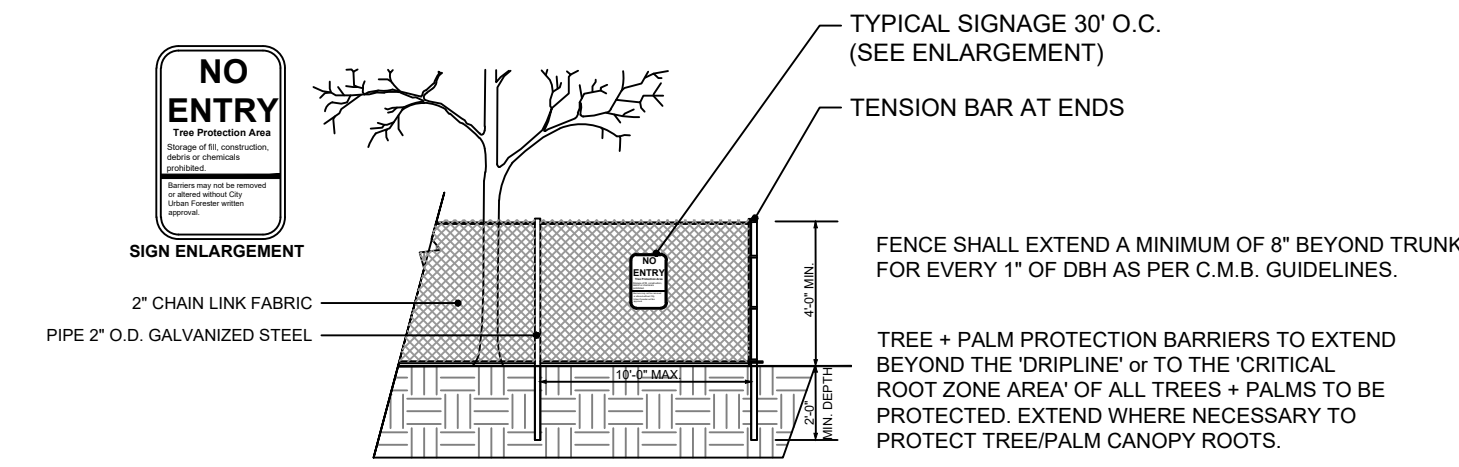


EXISTING TREE INVENTORY + DISPOSITION CHART										
NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	HT (FT)	SP (FT)	D.B.H (IN)	CONDITION	DISPOSITION	MITIGATION	COMMENTS
1	COCONUT PALM	Cocos nucifera	NO	10'	10'	12"	FAIR	REMOVE	12" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
2	COCONUT PALM	Cocos nucifera	NO	15'	15'	12"	FAIR	REMOVE	12" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
3	COCONUT PALM	Cocos nucifera	NO	30'	10'	15"	FAIR	REMOVE	12" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED

TOTAL TREE DBH LOSS: 0" + REMOVAL OF 2 PALMS
 TREE MITIGATION REQUIRED: (0) REPLACEMENT TREES @ 12' HT x 2" D.B.H. x 6' SP
 PALM MITIGATION REQUIRED: (2) REPLACEMENT TREES @ 12' HT x 2" D.B.H. x 6' SP

TREE + PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES OR PALMS THAT ARE 'TO REMAIN, BE PROTECTED, OR BE RELOCATED' ON-SITE. TPF SHALL BE MAINTAINED AND SHALL REMAIN UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM CITY URBAN FORESTER AFTER ALL SITE WORK HAS BEEN COMPLETED.

NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC. WITHOUT URBAN FORESTER APPROVAL.



1 TREE + PALM PROTECTION DETAIL (CHAINLINK FENCE)
 3/16" = 1'-0" CD-PL-06

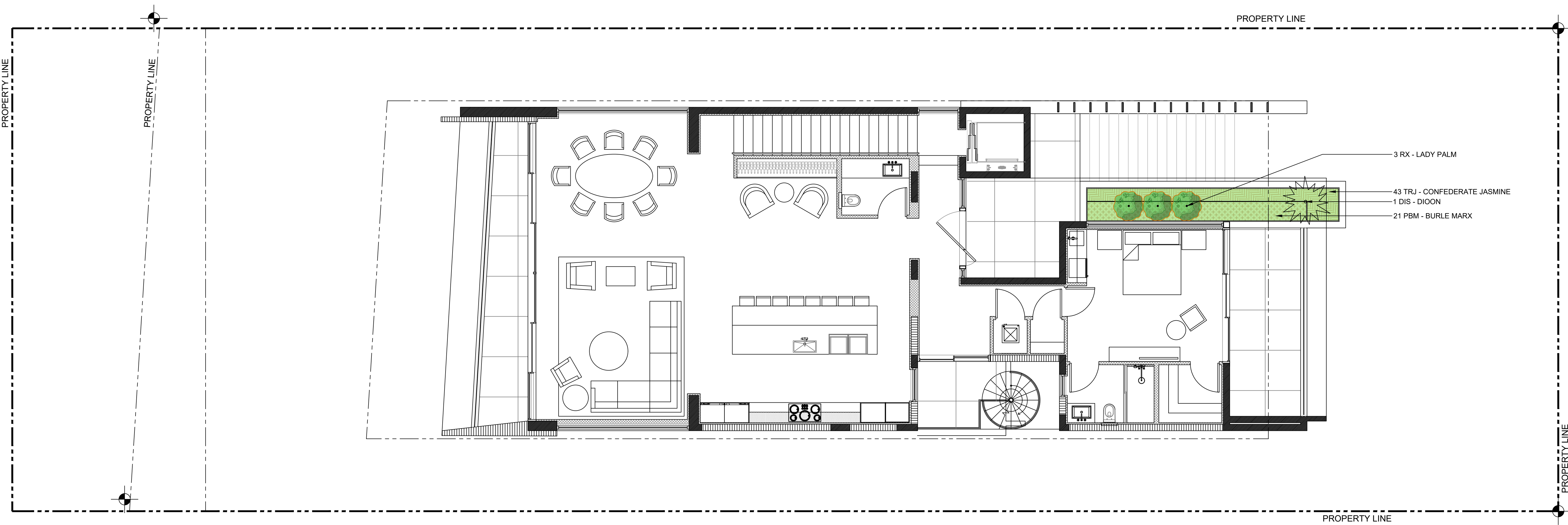
TREE + PALM MITIGATION SUMMARY		
CH 46 TREE PRESERVATION + PROTECTION		
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 46 ENVIRONMENT		
TREES		
REMOVED (TOTAL DBH OF TREES)	REPLACEMENT TREES REQ.	REPLACEMENT TREES PROVIDED
0" OF DBH	0 @ 12' HT + 2" DBH + 6' SP OR 0 @ 16' HT + 4" DBH + 8' SP	0 REPLACEMENT TREES PROVIDED @ 12' HT + 2" DBH + 6' SP BREAKDOWN: N/A
PALMS		
REMOVED (TOTAL PALMS)	REPLACEMENT TREES REQ.	REPLACEMENT TREES PROVIDED
2	2 @ 12' HT + 2" DBH + 6' SP OR 1 @ 16' HT + 4" DBH + 8' SP	2 REPLACEMENT TREES PROVIDED @ 12' HT + 2" DBH + 6' SP BREAKDOWN: (2) NATIVE PIGEON PLUM TREES @ 16' HT + 4" DBH + 8' SP = 4 REPLACEMENT TREES

TREE DISPOSITION SUMMARY				
	TOTAL	REMAIN	REMOVE	RELOCATE
TREES	0	0	0	0
PALMS	3	1	2	0

seal

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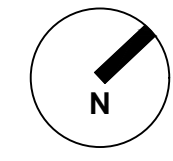
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PLANT SCHEDULE FIRST FLOOR

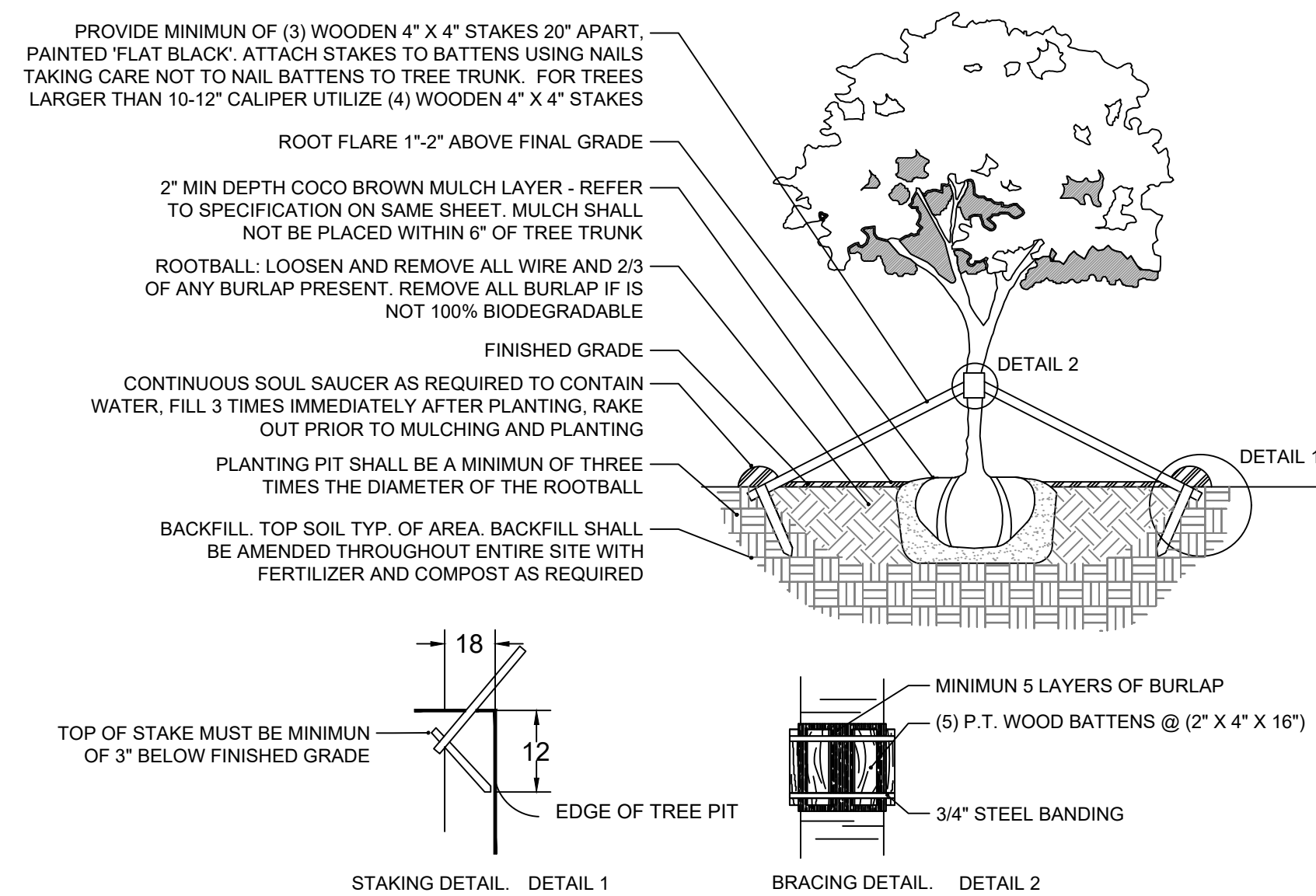
PALMS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	RX	3	LADY PALM	RHAPIS EXCELSA	NO	7 G, 3-4' HT, 3' SP, 30" ON CENTER, FULL
CYCADS/PALMS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	DIS	1	DIOON	DIOON SPINULOSUM	NO	15 GAL, 4' HT, 4' SP,
GROUND COVERS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	PBM	21	BURLE MARX	PHILODENDRON X 'BURLE MARX'	NO	3 GAL, 18" O.C., FULL
	TRJ	43	CONFEDERATE JASMINE	TRACHELOSPERMUM JASMINOIDES 'CONFEDERATE'	NO	3 GAL, 12" O.C., FULL

FIRST FLOOR LANDSCAPE PLAN

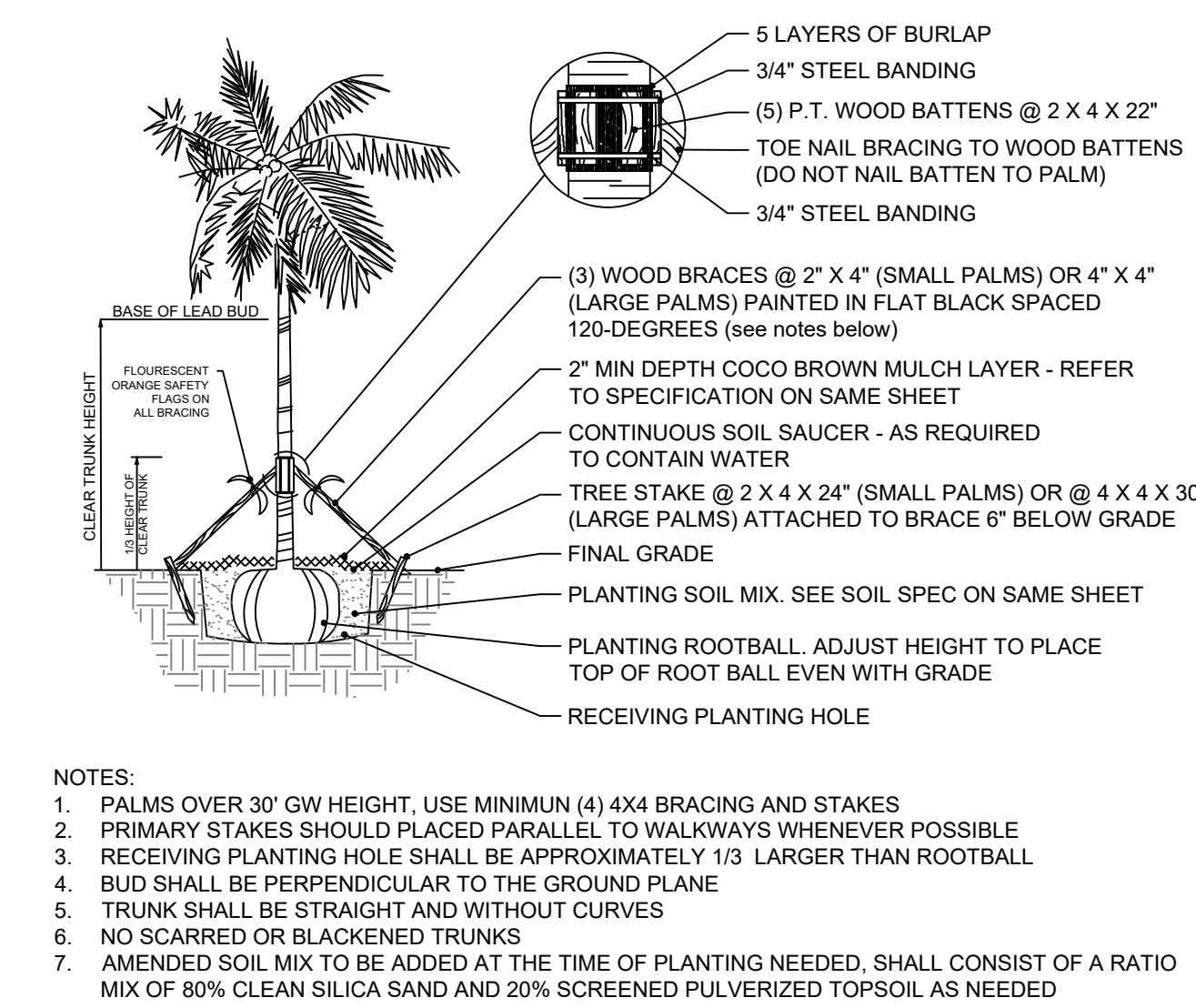


PLANT SCHEDULE UNDERSTORY

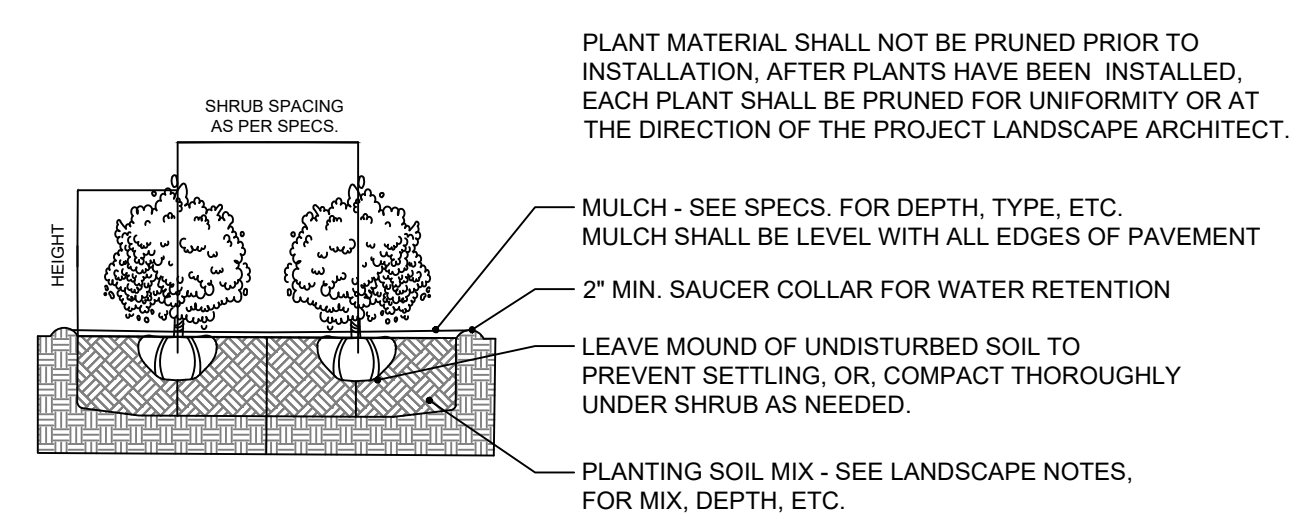
TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	CR	2	CLUSIA	CLUSIA ROSEA	YES	20' HT, 12-14" SP, 8" DBH, MULTI TRUNK
	CD	5	PIGEON PLUM	COCCOLOBA DIVERSIFOLIA	YES	16' HT MIN, 8" SP, 4" DBH, STANDARD
	MF	1	SIMPSON'S STOPPER	MYRCIANTHES FRAGRANS	YES	12' HT, 6" SP, 2" DBH, STANDARD, 5 CLEAR TRUNK
	PR	4	BAY RUM	PIMENTA RACEMOSA	NO	16' HT, 8" SP, 4" DBH, STANDARD
PALMS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	CN	5	COCONUT PALM	COCOS NUCIFERA	NO	10-14' GW, 14-16' OA HT, LEANING CHARACTER TRUNK, FLORIDA FANCY
	LG	3	LICUALA	LICUALA GRANDIS	NO	7 GAL, 3-4' HT, 3" SP, 30" O.C., FULL
	PE	9	ALEXANDER PALM	PTYCHOSPERMA ELEGANS	NO	14-18' OA HT, #2 SLENDER TRUNK, TRIPLE TRUNK, FLORIDA FANCY
	RX	4	LADY PALM	RHAPIS EXCELSA	NO	7 G, 3-4' HT, 3" SP, 30" ON CENTER, FULL
	TR	3	THATCH PALM	THRINAX RADIATA	YES	6-12' HT, 4-8" CT, SINGLE/DOUBLE, VARYING, FLORIDA FANCY
ACCENTS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	ALO	4	ELEPHANT EAR	ALOCASIA ODORA	NO	7 GAL, 3-4' HT, 3" SP, FULL, SHADE GROWN
CYCADS/PALMS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	DIS	1	DIOON	DIOON SPINULOSUM	NO	15 GAL, 4' HT, 4" SP,
GRASSES	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	TRF	6	DWARF FAKAHATCHEE	TRIPSACUM FLORIDANA	YES	3 GAL, 2' HT, 2" SP, 20" O.C.
SHRUB AREAS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	EUF	49	SPANISH STOPPER SHRUB	EUGENIA FOETIDA	YES	25 GALLON, 5 - 6' HT, FULL TO BASE
	GYL	126	CRABWOOD	GYMNANTHES LUCIDA	YES	15 GALLON, 5' HT, FULL TO BASE
	PSL	26	DWARF COFFEE SHRUB	PSYCHOTRIA LIGUSTRIFOLIA	YES	7 GALLON, 2 - 3' HT, FULL TO BASE
GROUND COVERS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	CAM	49	DWARF CARISSA	CARISSA MACROCARPA 'EMERALD BLANKET'	NO	3 GAL, 12" O.C., FULL
	ERL	48	GOLDEN BEACH CREEPER	ERNODEA LITTORALIS	YES	3 GAL, 12" O.C., FULL
	HED	143	DUNE SUNFLOWER	HELIANTHUS DEBILIS	YES	3 GAL, 12" O.C., FULL
	LIR	76	LILYTURF 'BIG BLUE'	LIRIOPE MUSCARI 'BIG BLUE'	NO	1 GAL, 12" O.C., FULL
	MIC	102	WART FERN	MICROSORUM SCOLOPENDRIA	NO	3 GAL, 12" O.C., FULL
	MOD	50	MONSTERA	MONSTERA DELICIOSA	NO	3 GAL, 2' HT, 2" SP, 20" O.C.
	NKQ	42	KIMBERLY QUEEN	NEPHROLEPIS CORDIFOLIA 'KIMBERLY QUEEN'	---	
	PBM	74	BURLE MARX	PHILODENDRON X 'BURLE MARX'	NO	3 GAL, 18" O.C., FULL
	SOD	642 SF	EMPIRE ZOYSIA	ZOYSIA X 'EMPIRE'	NO	



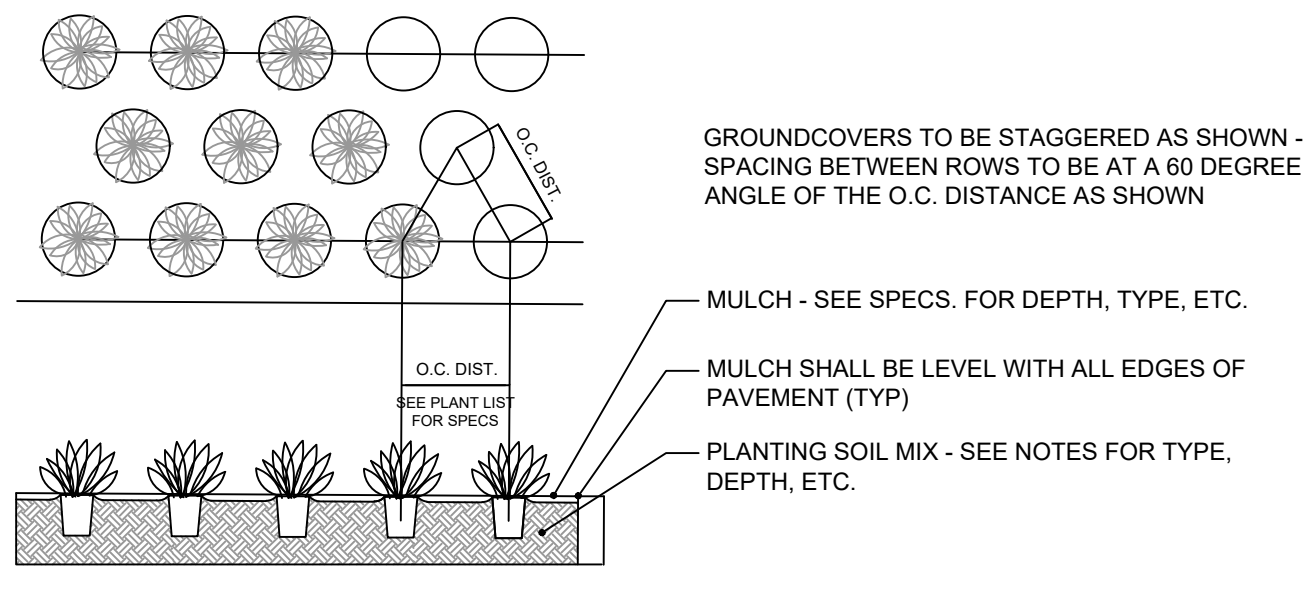
1 LARGE TREE PLANTING DETAIL
3/16" = 1'-0"
CD-PL-01



2 PALM PLANTING DETAIL
3/16" = 1'-0"
CD-PL-05



3 SHRUB PLANTING DETAIL
3/8" = 1'-0"
CD-PL-07



4 GROUNDCOVER PLANTING DETAIL
3/8" = 1'-0"
CD-PL-08

LANDSCAPE LEGEND		
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 126 (RS1 - RS4 Single Family Home Residential)		
ZONING: RS4 LOT SIZE: 8,000 SF ACRES: .18		
MINIMUM STANDARDS	REQUIRED	PROVIDED
TREES		
FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT	FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT	FRONT YARD - 2 TREES PROVIDED BACK YARD - 3 TREES PROVIDED
TOTAL OF 5 TREES REQUIRED FOR LOTS UP TO 6,000 SF. 1 ADDITIONAL TREE IS REQUIRED FOR EACH ADDITIONAL 1,000 SF OF LOT AREA.	TOTAL LOT AREA: 8,000 SF - 6,000 SF 5 TREES REQ + (2,000 SF / 1,000) = 7 TREES REQ	8 TOTAL TREES PROVIDED
MIN 30% OF REQUIRED TREES SHALL BE NATIVE SPECIES	30% x 7 = 2 TREES OF NATIVE SPECIES	4 TOTAL NATIVE TREES PROVIDED
MIN 50% OF REQUIRED TREES SHALL BE LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES	50% x 7 = 4 TREES OF LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES	8 TOTAL LOW MAINTENANCE TREES PROVIDED
DIVERSITY OF XX - XX TOTAL TREES REQUIRED : X TREE SPECIES	2 TREE SPECIES	3 TREE SPECIES PROVIDED
STREET TREES		
AVERAGE STREET TREE SPACING 20' ON CENTER	60 LINEAR FEET / 20 = 3 STREET TREES REQ	3 STREET TREES PROVIDED
SHRUBS		
12 SHRUBS PER THE NUMBER OF REQUIRED LOT AND STREET TREES	12 x (TOTAL LOT + STREET TREES) = 120 TOTAL SHRUBS REQUIRED	201 TOTAL SHRUBS PROVIDED
MIN 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES	50% x 120 = 60 SHRUBS OF NATIVE SPECIES	201 TOTAL NATIVE SHRUBS PROVIDED
MIN 10% OF REQUIRED SHRUBS SHALL BE LARGE SHRUBS or SMALL TREES	10% x 120 = 12 TOTAL LARGE SHRUBS	175 TOTAL LARGE SHRUBS PROVIDED
MIN 50% OF REQUIRED LARGE SHRUBS SHALL BE NATIVE SPECIES	50% x 12 = 6 LARGE SHRUBS OF NATIVE SPECIES	175 TOTAL NATIVE LARGE SHRUBS
LAWN		
LAWN SHALL BE MAXIMUM OF 50 % OF REQUIRED LANDSCAPE AREA	LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA	
IRRIGATION SYSTEM		
LANDSCAPE SHALL BE WATERED BY A PERMANENT IRRIGATION SYSTEM		100% IRRIGATION COVERAGE PROVIDED