



C.M.B. HPB LANDSCAPE FINAL SUBMITTAL 07.06.21

NEW RESIDENCE | 803 2ND STREET | MIAMI BEACH, FLORIDA

CLIENT / PROPERTY INFORMATION

PROPERTY ADDRESS
803 2ND STREET
MIAMI BEACH, FL 33139

EXISTING VEGETATION SUMMARY

The existing vegetation located on the property is composed mostly of palms and two canopy trees in the R.O.W. Please note that the landscape architect is proposing to preserve + protect the large Mast wood tree on Meridian Ave, as well as relocate the Bridal Veil on 2nd St to an existing planting area on the corner. The landscape architect is requesting to remove the remaining vegetation of small palms on site. Please note that the landscape architect intends to provide an improved landscape design that shall mitigate for the palm loss by introducing new native trees to the site and meet all landscape requirements set forth by C.M.B. Chapter 126.

SCOPE OF WORK

- New landscape design to complement new Residence

INDEX OF SHEETS

- L-0.0 Landscape Cover + Sheet Index
L-1.0 First Floor Landscape Plan
L-1.1 Third Floor + Roof Landscape Plan
L-2.0 Landscape Notes + Details
L-3.0 Existing Tree Survey + Disposition Plan

HELPMAN RESIDENCE
803 2ND STREET, MIAMI BEACH, FL 33139

seal



Christopher Cawley
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CHRISTOPHER CAWLEY, R.L.A.
Florida License LA 6666786

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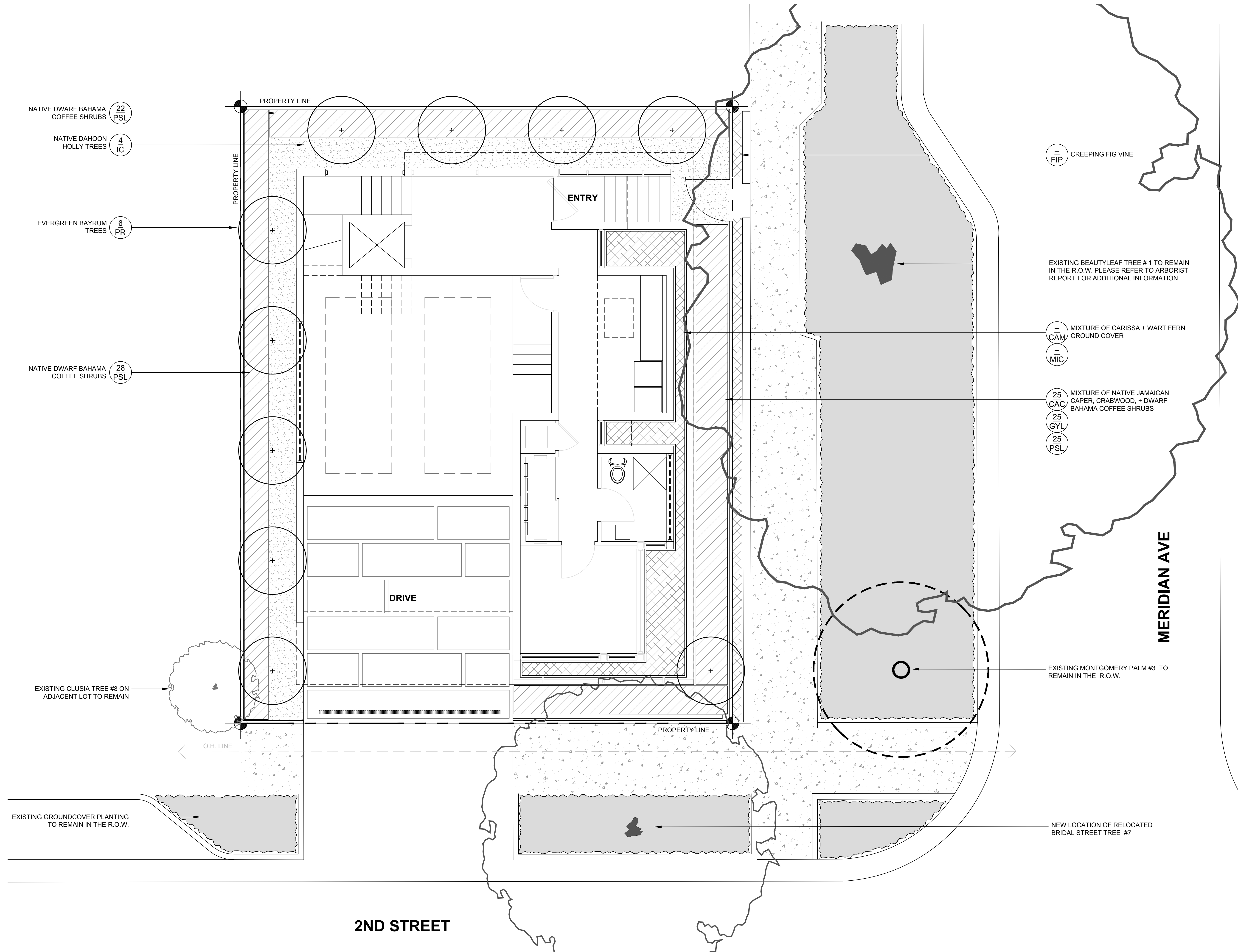
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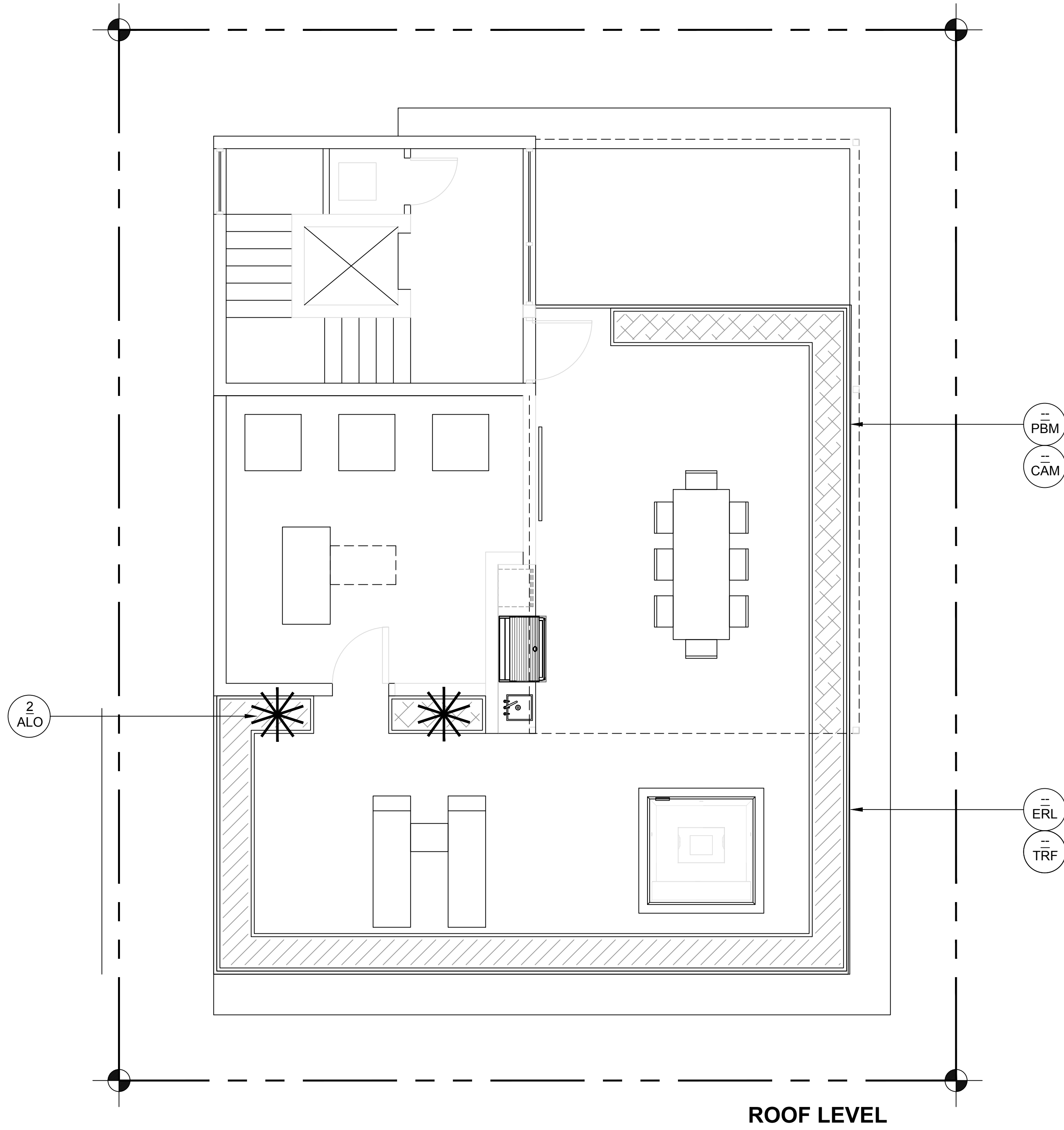
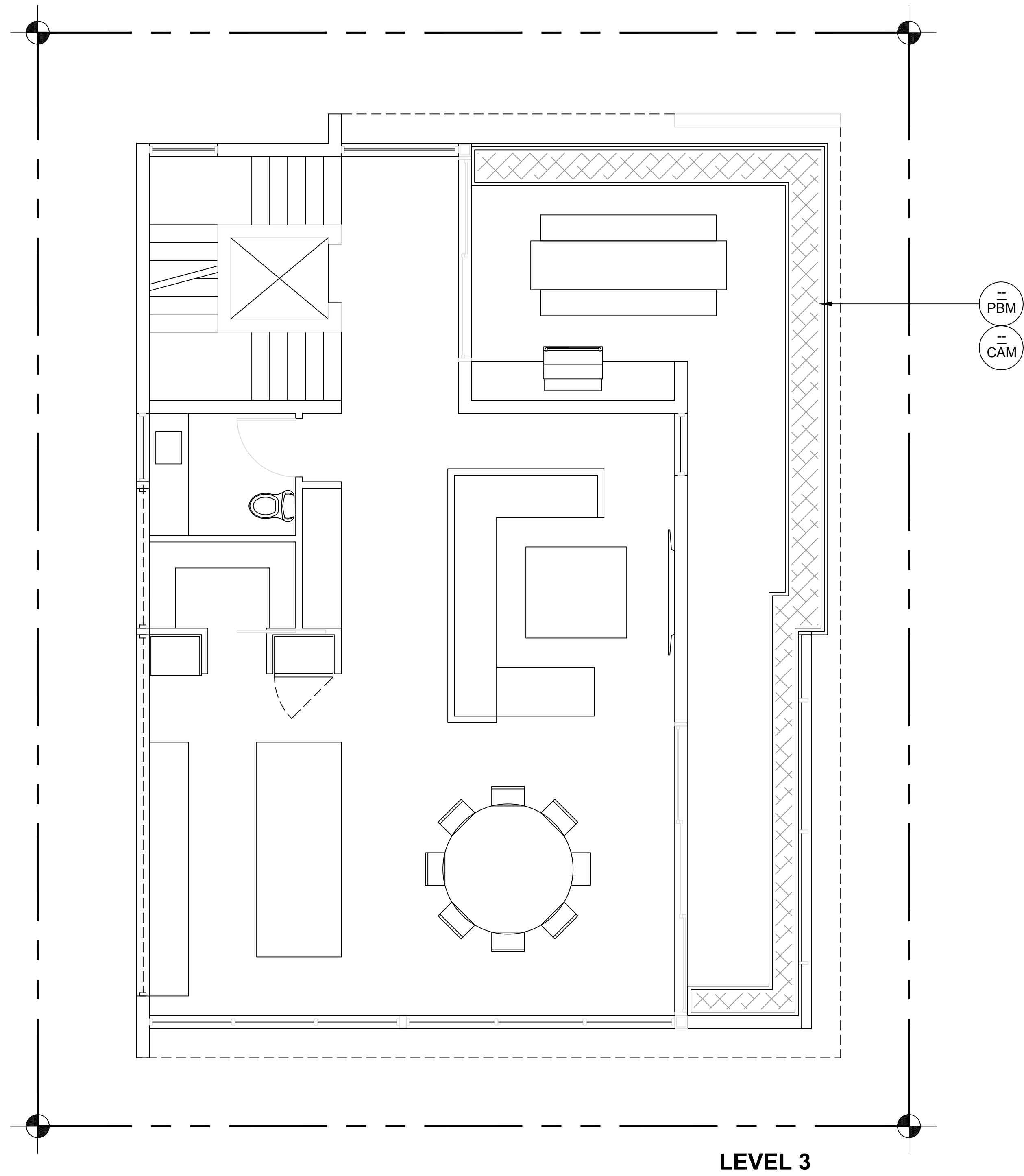
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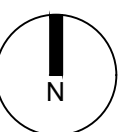
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THIRD FLOOR + ROOF LANDSCAPE PLAN



sheet no.

L-1.1

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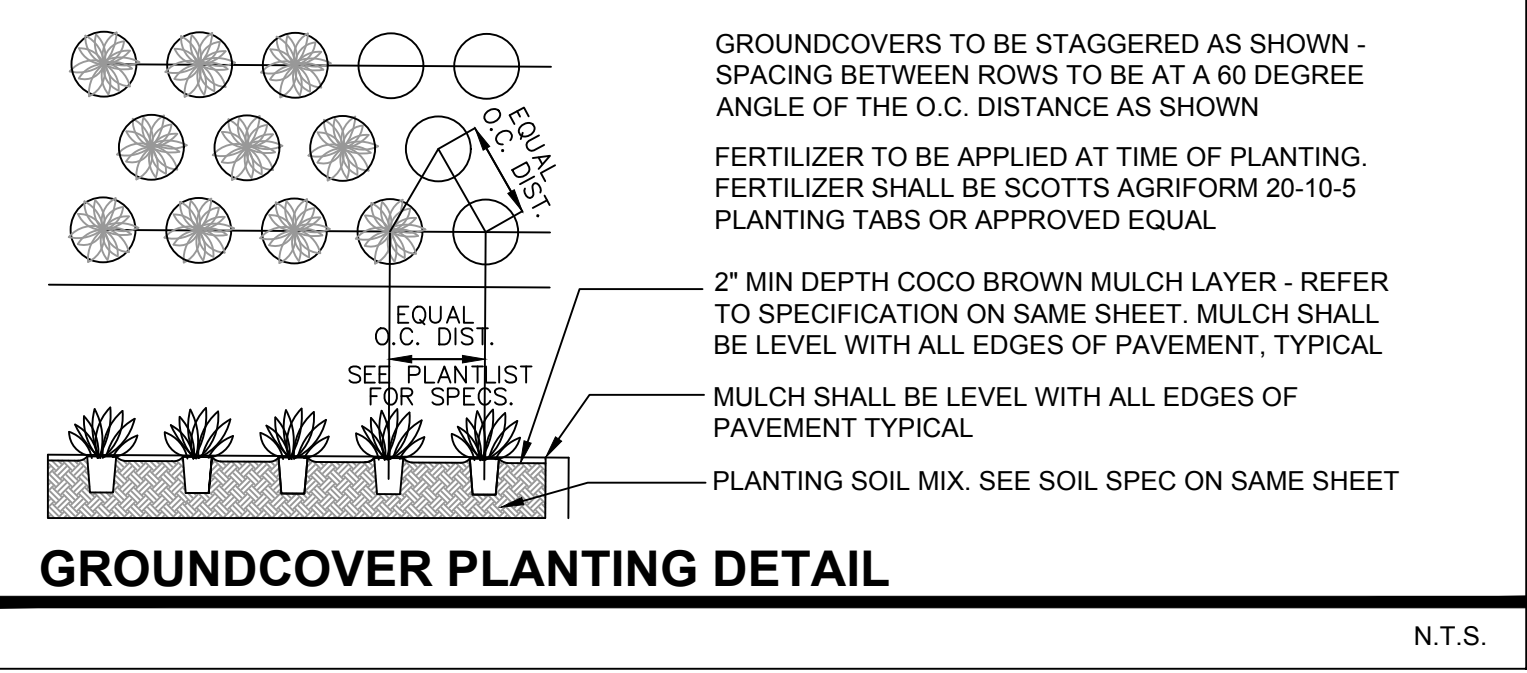
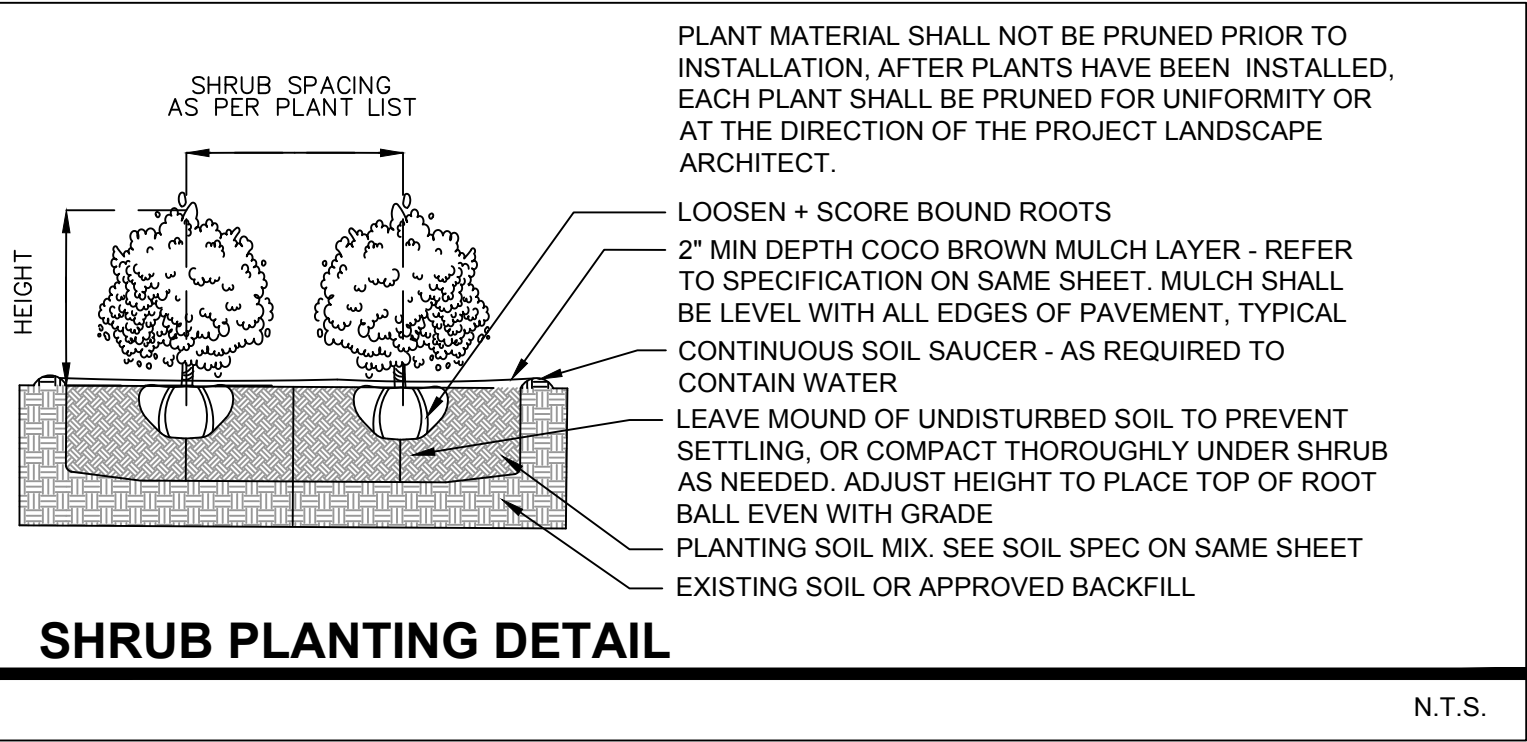
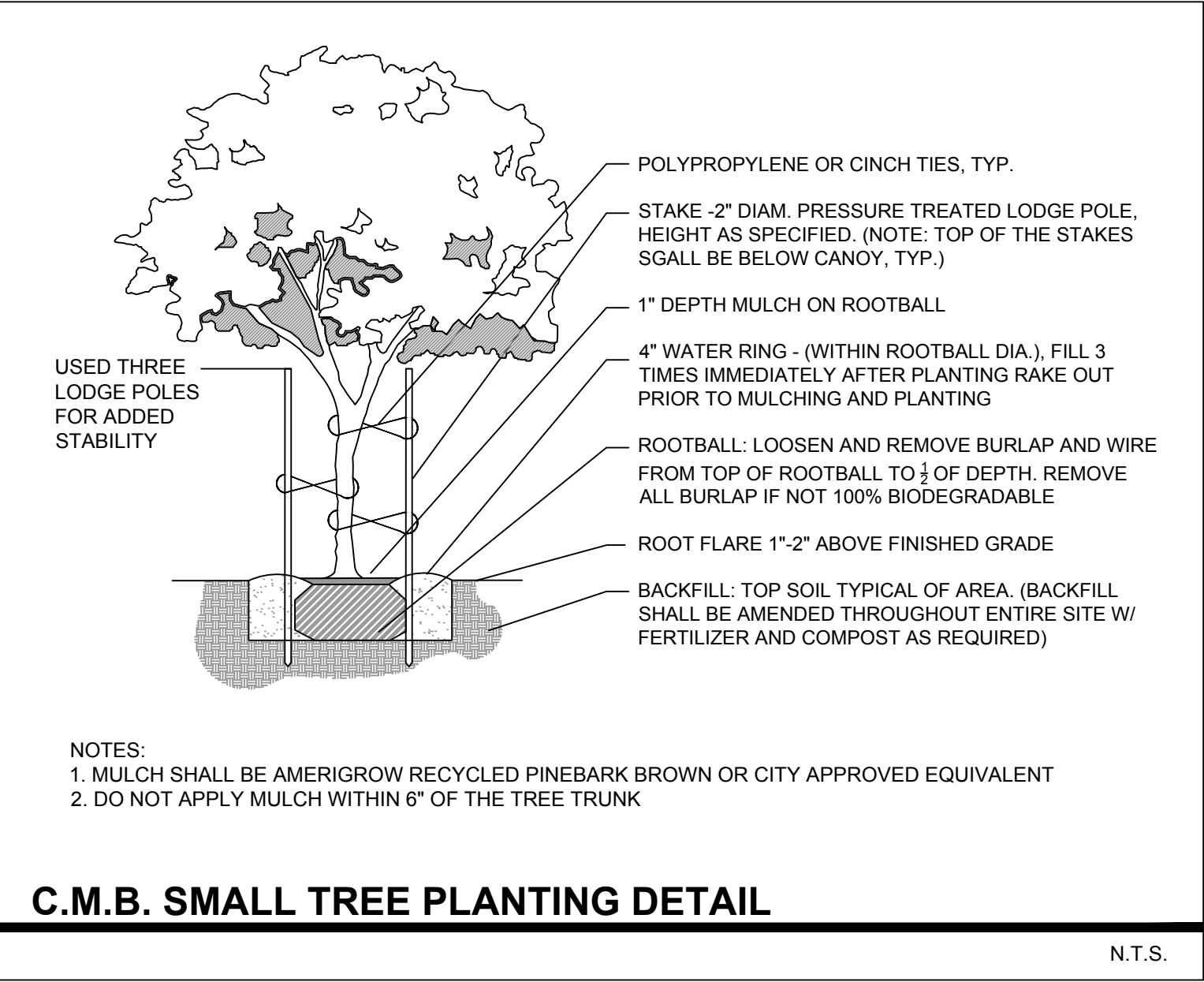
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PLANT LIST - 803 2ND STREET					
KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
EF	ALT	YES	SPANISH STOPPER TREE	Eugenia foetida	12' ht min, 6' spread min, 2" dbh, standard trunk, equal to Treeworld Wholesale
IC	4	YES	DAHOON HOLLY	Ilex cassine	65 gallon, 13' height min, 5' spread min, 2" dbh, 4" clear trunk
PR	6	NO	BAYRUM TREE	Pimenta racemosa	50 gallon, 12' height min, 5-6' spread min, 2" dbh
SHRUBS					
CAC	25	YES	JAMAICAN CAPER	Capparis cynophallophora	3 gallon, full, 18" on center
EUF	ALT	YES	SPANISH STOPPER SHRUB	Chrysobalanus icaco	15 gallon, 5' height, 2' spread, 30" on center
FGI	ALT	NO	FICUS 'GREEN ISLAND'	Ficus 'Green Island'	3 gallon, full, 18" on center
GYL	25	YES	CRABWOOD	Gymnanthes lucida	15 gallon, 5' height, 2' spread, 30" on center
PSL	75	YES	DWARF BAHAMA COFFEE	Psychotria ligustrifolia	7 gallon, 2' - 3' height, 30" spread
GROUNDCOVERS					
ALO	--	NO	BROMELIAD 'ODORATE'	Alcantarea 'Odorata'	7 gallon, 18" on center, full
BUF	--	NO	BULBINE	Bulbine frutescens	1 gallon, 12" on center, full
CAM	--	NO	CARISSA 'EMERALD BLANKET'	Carissa macrocarpa	3 gallon, 12" on center, full
ERL	--	YES	GOLDEN BEACH CREEPER	Ermodea littoralis	3 gallon, 12" on center, full
FIP	--	NO	FICUS PUMILA	Ficus pumila	1 gallon, full, 18" on center
LIR	--	NO	LILYTURF	Liriope muscari	1 gallon, 12" on center, full
MIC	--	NO	WART FERN	Microsorium scolopendrium	1 gallon, 12" on center, full
PGC	--	NO	PHILODENDRON 'BURLE MARX'	Same	3 gallon, 18" on center, full
TRF	--	NO	DWARF FAKAHATCHEE	Tripsacum floridana	3 gallon, 18" on center, full
TRJ	--	NO	CONFEDERATE JASMINE	Trachelospermum asiaticum	7 gallon, 4' height trellis, 18" on center
XAN	--	NO	PHILODENDRON 'XANADU'	Same	1 gallon, 12" spread, full
CONTRACTOR TO PROVIDE IMAGES OF ALL MAJOR PLANT MATERIAL TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL BEFORE PURCHASE + INSTALLATION. LANDSCAPE CONTRACTOR TO MEET WITH LANDSCAPE ARCHITECT AND OWNER ON SITE TO REVIEW THE PROPOSED DESIGN PRIOR TO SUBMITTING A BID FOR THE PROJECT. THE LANDSCAPE CONTRACTOR IS TO PROVIDE AN ADDITIONAL ALLOWANCE OF \$3,000 DOLLARS FOR POTTED PLANTS + MISCELLANEOUS VEGETATION TO BE SELECTED DURING THE INSTALLATION OF THE PROJECT					

LANDSCAPE LEGEND

MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 26 (RS1 - RS4 Single Family Home Residential)

ZONING: R-PS2	LOT SIZE: 2,499 SF	ACRES: .06	SHRUBS 12 SHRUBS (OR VINES) REQUIRED FOR EACH REQUIRED LOT AND STREET TREE or 12 X (8) = 96 REQUIRED / 125 SHRUBS PROVIDED (75 NATIVE DWARF BAHAMA COFFEE SHRUBS, 25 NATIVE JAMAICAN CAPERS SHRUBS, + 25 NATIVE CRABWOOD SHRUBS PROVIDED.)
TREES 22 TREES PER NET ACRE 22 TREES X .06 ACRES = 1.32 TOTAL TREES REQUIRED / 6 TREES PROVIDED. (3 NATIVE DAHOON HOLLY TREES + 3 BAYRUM TREES)			NATIVE SHRUBS 50% OF TOTAL SHRUBS REQUIRED MUST BE NATIVE or .50 X 96 = 48 NATIVE SHRUBS REQUIRED / 125 SHRUBS PROVIDED (75 NATIVE DWARF BAHAMA COFFEE SHRUBS, 25 NATIVE JAMAICAN CAPERS SHRUBS, + 25 NATIVE CRABWOOD SHRUBS PROVIDED.)
DIVERSITY REQUIREMENT 1 - 5 REQUIRED TREES = 2 TREE SPECIES REQUIRED / 2 SPECIES PROVIDED			LARGE SHRUBS / SMALL TREES 10% OF TOTAL SHRUBS REQUIRED MUST BE LARGE SHRUBS OR SMALL TREES or .10 X 96 = 4.8 / 5 SMALL TREES REQUIRED / 50 SMALL TREES PROVIDED (25 NATIVE JAMAICAN CAPER SHRUBS + 25 CRABWOOD SHRUBS PROVIDED)
NATIVE TREES 30% OF REQUIRED TREES OR .30 X 2 = .6 NATIVE TREES REQUIRED / 3 NATIVE TREES PROVIDED (3 NATIVE DAHOON HOLLY TREES PROVIDED)			NATIVE LARGE SHRUBS / SMALL TREES 50% OF TOTAL LARGE SHRUBS REQUIRED MUST BE NATIVE or .50 X 4.8 = 2.4 / 3 NATIVE SHRUBS REQUIRED / 50 SMALL TREES PROVIDED (25 NATIVE JAMAICAN CAPER SHRUBS + 25 CRABWOOD SHRUBS PROVIDED)
LOW MAINTENANCE TREES 50% OF REQUIRED TREES OR .50 x 1.32 = .66 LOW MAINTENANCE TREES REQUIRED / 3 LOW MAINTENANCE TREES PROVIDED (3 NATIVE DAHOON HOLLY TREES PROVIDED)			LAWN AREA 30% MAXIMUM OF LANDSCAPE AREA: NEW LAWN AREAS ARE LESS THAN 30% OF LANDSCAPE AREA
STREET TREE REQUIREMENT AVERAGE STREET TREE SPACING 20' ON CENTER 2ND STREET: 44 LF / 20 = 3 STREET TREES REQUIRED / 3 STREET TREES PROVIDED (2 BAYRUM TREES, 1 EXISTING BRIDAL VEIL)			IRRIGATION SYSTEM 100% COVERAGE PROVIDED PURSUANT TO CMB REQUIREMENTS SET IN CHAPTER 126
MERIDIAN AVE: 56 LF / 20 = 3 STREET TREES REQUIRED / 3 STREET TREES PROVIDED (1 BAYRUM TREE, 1 DAHOON HOLLY, 1 EXISTING MAST TREE, + 1 EXISTING MONTGOMERY PALM)			



C.M.B. EXISTING TREE SURVEY LEGEND	
	TREE or PALM TO BE REMOVED.
	TREE or PALM TO REMAIN. PRESERVE + PROTECT
REL	TREE or PALM TO BE RELOCATED
	RELOCATED TREE or PALM

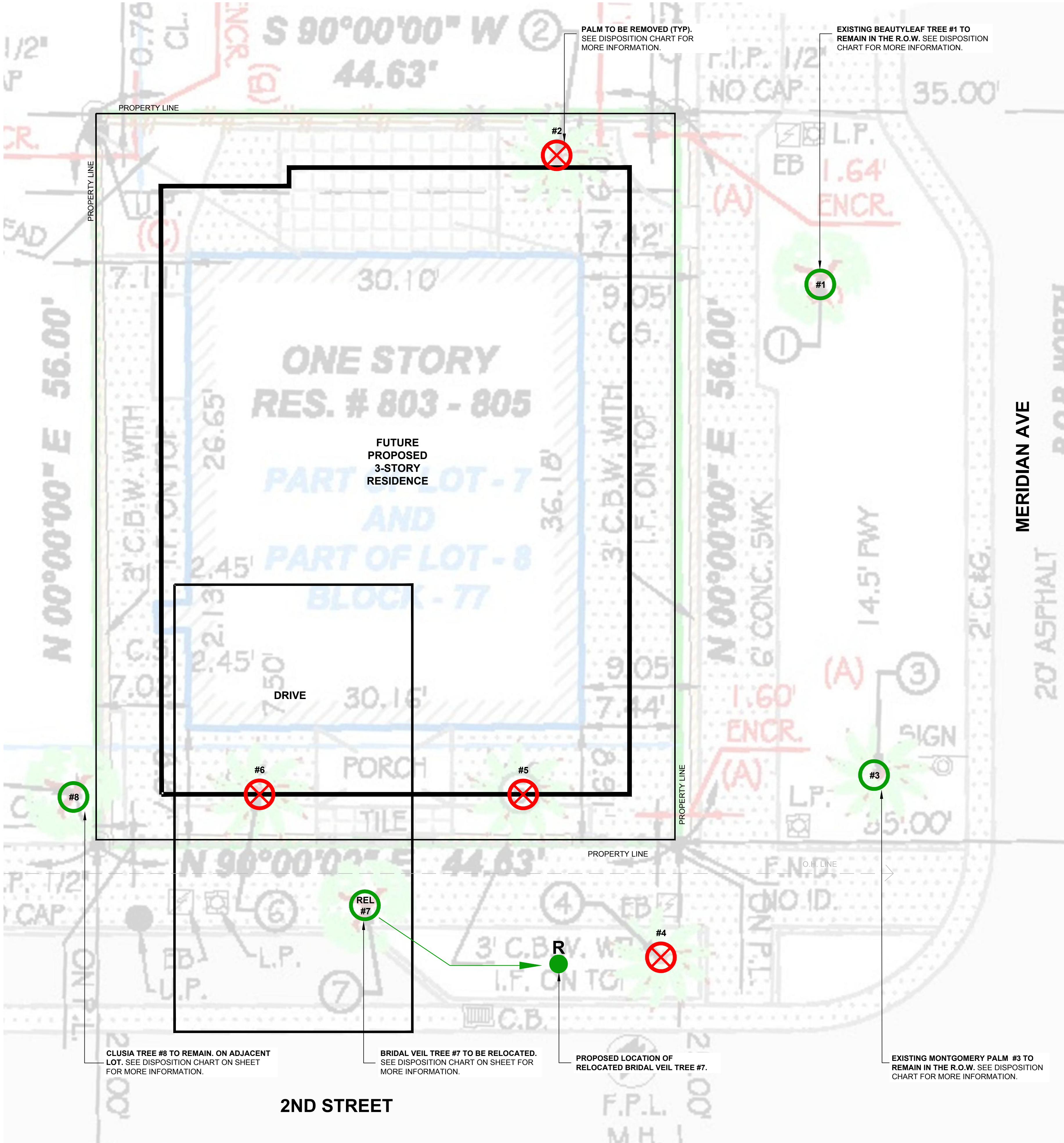
C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION PLAN NOTES

- THIS 'EXISTING TREE INVENTORY + DISPOSITION PLAN' HAS BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION and PROTECTION ORDINANCE.
- EXISTING TREE, PALM, AND VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY JOHN IBARRA & ASSOCIATES, INC. DATED 03.23.21
- THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 05.18.21
- MIAMI BEACH P+Z MUST APPROVE LANDSCAPE PLANS PRIOR TO REMOVING ANY TREES OR PALMS WITH A DBH BETWEEN 6" AND 12" INCHES. A WRITTEN TREE REMOVAL PERMIT IS REQUIRED FROM CITY OF MIAMI BEACH GREENSPACE MANAGEMENT / P.W FOR THE REMOVAL OF TREES / PALMS WITH A DBH GREATER THAN 12" INCHES OR IN THE R.O.W.
- THE OWNER RESERVES THE RIGHT TO REMOVE ANY VEGETATION NOT LOCATED WITHIN THE CITY R.O.W. w/ a D.B.H. OF LESS THAN 6" WITHOUT OBTAINING A TREE REMOVAL PERMIT.
- 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.

C.M.B. EXISTING TREE INVENTORY + DISPOSITION CHART - 803 2ND STREET										
NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	D.B.H. (IN)	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	MITIGATION	COMMENTS
#1	BEAUTYLEAF TREE	Calophyllum antillarum	YES	+/- 51"	+/- 45'	+/- 65'	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION
#2	CHRISTMAS PALM	Veitchia merrillii	NO	+/- 30"	+/- 25'	+/- 20'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#3	MONTGOMERY PALM	Veitchia arecina	NO	+/- 8"	+/- 40'	+/- 20'	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION
#4	MONTGOMERY PALM	Veitchia arecina	NO	+/- 7"	+/- 25'	+/- 15'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#5	COCONUT PALM	Cocos nucifera	NO	+/- 8"	+/- 40'	+/- 15'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#6	COCONUT PALM	Cocos nucifera	NO	+/- 7"	+/- 40'	+/- 15'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#7	BRIDAL VEIL	Caesalpinia granadillo	NO	+/- 15"	+/- 25'	+/- 30'	FAIR	RELOCATE	N/A	PRESERVE + PROTECT DURING CONSTRUCTION
#8	PITCH APPLE	Clusia rosea	NO	+/- 7"	+/- 15'	+/- 8'	FAIR	REMAIN	N/A	NOT LOCATED ON SITE. PRESERVE + PROTECT
TOTAL TREE DBH LOSS: THE REMOVAL OF (4) PALMS PALM MITIGATION REQUIRED: (4) REPLACEMENT TREES @ 12'HT x 2" DBH X 6' SPREAD										

CH. 46 TREE PRESERVATION + PROTECTION / TREE + PALM MITIGATION SUMMARY

TOTAL PALMS REMOVED: 4 PALMS
REPLACEMENT TREES REQUIRED:
(4) REPLACEMENT TREES REQUIRED @ 12' HEIGHT + 2" DBH + 6' SPREAD or (2) REPLACEMENT TREES REQUIRED @ 16' HT + 4" DBH + 8' SPREAD
REPLACEMENT TREES PROVIDED: 6 REPLACEMENT TREES PROVIDED @ 12'HT + 2" DBH
BREAKDOWN:
- (4) NATIVE DAHOON HOLLY TREES @ 12' HEIGHT + 2" DBH + 6' SPREAD = 4 REPLACEMENT TREES
- (6) BAYRUM TREES @ 12' HEIGHT + 2" DBH + 6' SPREAD = 6 REPLACEMENT TREES



EXISTING TREE SURVEY + DISPOSITION PLAN



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