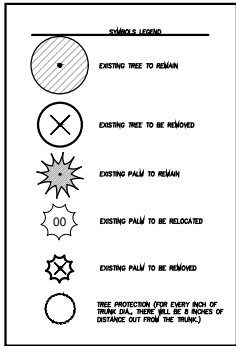


TREE DISPOSITION PLAN
SCALE: 3/32" = 1'-0"



- NOTES:
1. INFORMATION ON EXISTING VEGETATION AND MITIGATION CALCULATIONS IS BASED ON ARBORIST REPORT.
 2. REFER TO SHEET L-1.0 FOR MITIGATION PROVIDED AND TREE DISPOSITION LEGEND AND PLANT LIST ON SHEET L-1.1.

LANDSCAPE ARCHITECT

JEREZ

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HRFH CONSULTING
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NOT FOR
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GELPI PROJECTS

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REVISIONS

NO.	DATE	DESCRIPTION
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PROJECT
CHETEK RESIDENCE

2044 ALTON ROAD
MIAMI BEACH, FL. 33140

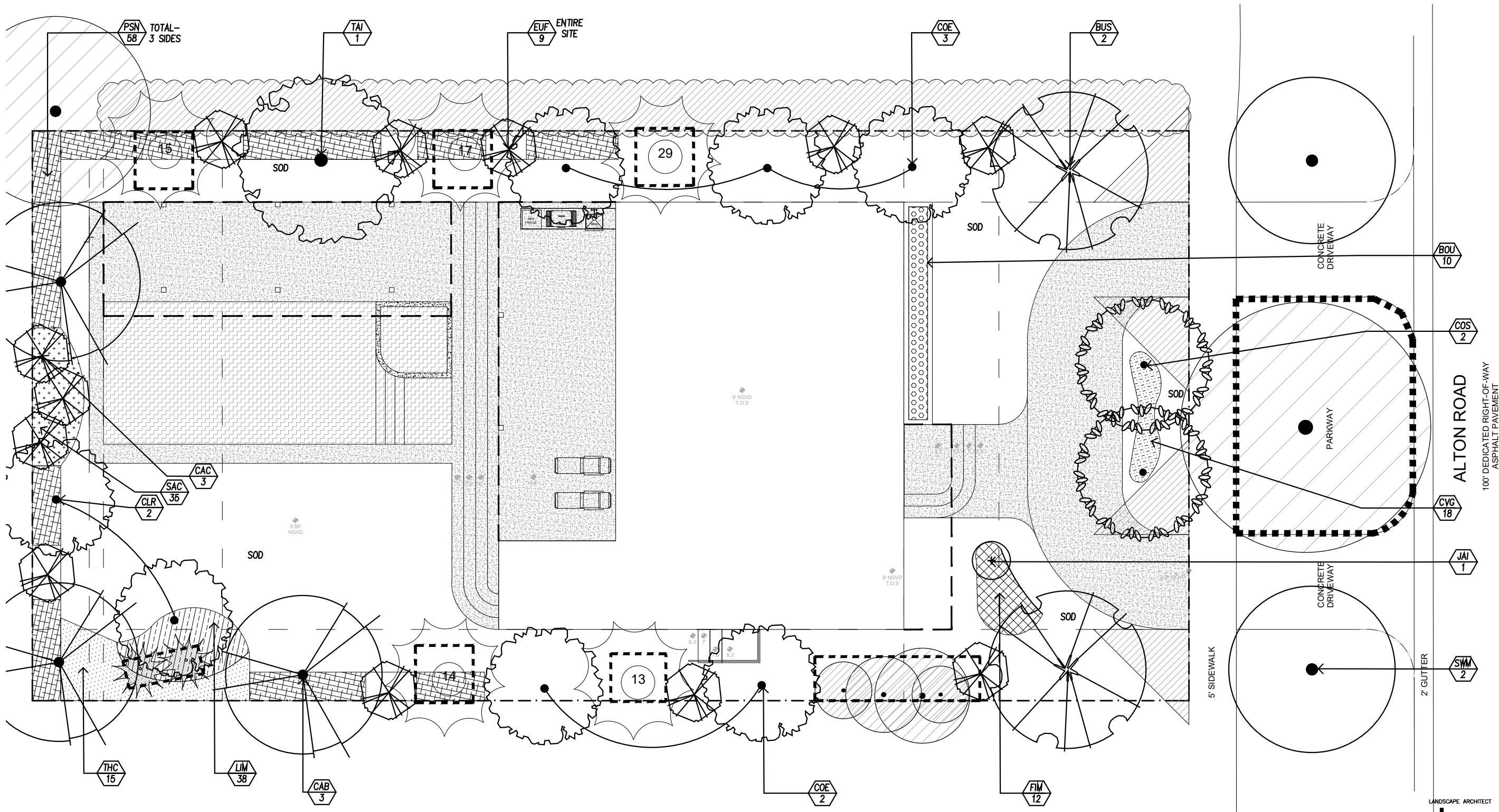
SHEET SIZE
11 X 17

DATE
02/08/21

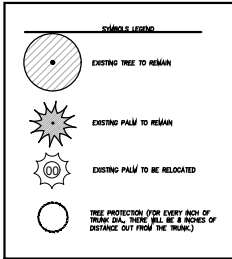
TREE DISPOSITION PLAN
TD-1.0

SEAL LA 666869

HAROLD HOYTE, RLA



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



NOTES:
1. REFER TO SHEET L-1.0 FOR TREE DISPOSITION LEGEND AND PLANT LIST ON SHEET L-1.1.

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LANDSCAPE PLAN
L-1.0

SEAL LA 6668869



HAROLD HOYTE, RLA

CITY OF MIAMI BEACH				
LANDSCAPE LEGEND				
INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS				
Zoning District	RS-4	Lot Area	7,304 SF	Acres .17
			REQUIRED/ ALLOWED	PROVIDED
OPEN SPACE				
A. Square feet of required Open Space as indicated on site plan: Lot Area = 7,304 s.f. x .50 % = 3,652 s.f.			3,652 SF	4,254 SF
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces _____ x 10 s.f. parking space =			N/A	N/A
C. Total square feet of landscaped open space required: A+B=			3,652 SF	4,254 SF
LAWN AREA CALCULATION				
A. Square feet of landscaped open space required			3,652 SF	4,254 SF
B. Maximum lawn area (sod) permitted= 50 % x 4,254 SF			2,127 SF	2,098 SF
TREES				
A. Number of trees required per lot, less existing number of trees meeting minimum requirements= 5 trees x lot - number of existing trees=			5	5
A1. As per 126-6.c, Table A 2 trees at front yard, 3 trees in back yard				
A2. Per every 1,000 SF over 6,000 SF property, another tree will be added			2	2
B. % Natives required: Number of trees provided x 30% =			2	7
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=			4	7
D. Street Trees (maximum average spacing of 20' o.c.) 60' linear feet along street divided by 20'=			3	3
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): _____ linear feet along street divided by 20'=			N/A	N/A
Total Trees			10	10
SHRUBS				
A. Number of shrubs required: Sum of lot and street trees required x 12=			120	124
B. % Native shrubs required: x 50%=			60	83
LARGE SHRUBS OR SMALL TREES				
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=			12	12
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=			6	12

MITIGATION INFORMATION:			
MITIGATION REQUIRED: 37" DBH + 1 PALM			
TOTAL REQUIRED= (15) TREES @ 2" DBH OR (8) TREES @ 4" DBH			
MITIGATION PROVIDED*:			
(15) TREES AT 4" DBH X 16' HT.			
NOTES:			
* CALCULATIONS ARE BASED ON TREE REPLACEMENT CHART (CHART 46-6.1)			

Total diameter of tree(s) to be removed (sum of inches at DBH)	Total number of replacement trees required (where each replacement tree is a minimum of 2" DBH x 6' spread in canopy x 12' in height)	OR	Total number of replacement trees required (where each replacement tree is a minimum of 4" DBH x 8' spread in canopy x 16' in height)	OR	Contribution to Tree Trust Fund
2"—3"	1	or	0	or	\$1,000.00
4"—6"	2	or	1	or	\$2,000.00
7"—12"	4	or	2	or	\$4,000.00
13"—18"	6	or	3	or	\$6,000.00
19"—24"	8	or	4	or	\$8,000.00
25"—30"	10	or	5	or	\$10,000.00
31"—36"	12	or	6	or	\$12,000.00
37"—42"	14	or	7	or	\$14,000.00
43"—48"	16	or	8	or	\$16,000.00
49"—60"	20	or	10	or	\$20,000.00

LANDSCAPE LEGENDS

TREE DISPOSITION LEGEND										
TREE #	SCIENTIFIC NAME	COMMON NAME	DBH (IN)	HEIGHT (FT)	SPREAD (FT)	CRZ (FT)	Mitigation (Trees - DBH)	Mitigation (Palms - Ea.)	CONDITION	DISPOSITION
1	Swietenia mahogani	Mahogany	25.5	35	25	Tree box			Fair	To Remain/Public
2	Swietenia mahogani	Mahogany	10.6/8	30	18	N/A	18.6		Good	To Remove/Private.
3	Tabebuia heterophylla	Pink trumpet	7.9	25	10	N/A	7.9		Good	To Remove/Private.
4	Swietenia mahogani	Mahogany	10.4	30	12	N/A	10.4		Good	To Remove/Private.
5	Ravenala madagascariensis	Traveler's palm	6.7/6.1/8.5	30	6	8			Good	To Remain/Private.
6	Ravenala madagascariensis	Traveler's palm	9.5/11.5/11.2/12.45	30	10	8			Good	To Remain/Private.
7	Ravenala madagascariensis	Traveler's palm	7.8/8.6/7.5	30	8	8			Good	To Remain/Private.
8	Ravenala madagascariensis	Traveler's palm	6	25	6	6			Good	To Remain/Private.
9	Adonidia merrilli	Christmas palms	8.3/7.1/6.6	16	7	N/A		1	Good	To Remove/Private.
10	Archontoph oenix	Alexander palm	3.4	17	6	3			Good	To Remain/Private.
11	Archontoph oenix	Alexander palm	3.9	19	6	3		N/A	Good	To Remain/Private.
12	Archontoph oenix alexndrae	Alexander palm	4	12	6	N/A			Good	To Remove/Private. No permit required
13	Adonidia merrilli	Christmas palms	6.6/8.8/4.4	14	12	6			Good	To Relocate/Private
14	Adonidia merrilli	Christmas palms	5.6/4.7/6.3	14	12	6			Good	To Relocate/Private
15	Adonidia merrilli	Christmas palms	6.9/5.9/7	14	12	6			Good	To Relocate/Private
16	Persea americana	Avocado	6/5.1	20	12	N/A			Fair	To Remove/Private.
17	Adonidia merrilli	Christmas palms	6.2/6.6/7	14	12	6			Good	To Relocate/Private
18	Cccoloba uvifera	Sea grape	12/21/20/10	40	20	20			Good	To Remain/Neighbor
19	Ravenala madagascariensis	Traveler's palm	11	25	7	6			Good	To Remain/Neighbor
20	Ravenala madagascariensis	Traveler's palm	9.11	25	7	6			Good	To Remain/Neighbor
21	Coccothrinax argentea	Florida siver palm	5	16	7	6			Good	To Remain/Neighbor
22	Adonidia merrilli	Christmas palms	5	20	8	6			Good	To Remain/Neighbor
23	Cocos nucifera	Coconut palm	7	25	10	6			Good	To Remain/Neighbor
24	Adonidia merrilli	Christmas palms	7	20	12	6			Good	To Remain/Neighbor
25	Cocos nucifera	Coconut palm	11.5	35	7	6			Good	To Remain/Neighbor
26	Cocos nucifera	Coconut palm	12	35	7	6			Good	To Remain/Neighbor
27	Coccothrinax argentea	Florida siver palm	4.8	15	7	6			Good	To Remain/Neighbor
28	Cocos nucifera	Coconut palm	8.5	25	6	6			Poor	To Remain/Neighbor
29	Adonidia merrilli	Christmas palms	6.6/6.2/7	15	9	N/A			Good	To Relocate/Private
TOTAL DBH FOR TREE REMOVALS							37			
TOTAL DBH FOR PALMS REMOVALS								1		

PLANT LIST						
Label	Quantity	Scientific Name	Common Name	Specifications	Native	Salt Tolerance
Trees/Palms						
BUS	2	Bursera simaruba	Gumbo Limbo	16' Ht., 8' sp., 4" dbh, Florida #1, Standard	Yes	
CAB	3	Calophyllum brasiliense	Brazil beauty-leaf	16' Ht., 8' sp., 4" dbh, Florida #1, Standard		
CLR	2	Clusia rosea	Pitch Apple	16' Ht., 8' sp., 4" dbh, Florida #1, Standard	Yes	High
COE	5	Conocarpus erectus	Green Buttonwood	16' Ht., 8' sp., 4" dbh, Florida #1, Standard	Yes	High
COS	2	Cordia sebestena	Orange Geiger	16' Ht., 8' sp., 4" dbh, Florida #1, Standard	Yes	
TAI	1	Tabebuia impetiginosa	Pink trumpet tree	16' Ht., 8' sp., 4" dbh, Florida #1, Standard		
Street Trees						
SWM	2	Swietenia mahagoni	Mahogany	16' Ht., 8' sp., 4" dbh, Florida #1, 4' CT	Yes	
Small Trees/Large Shrubs						
CAC	3	Capparis cynophallophora	Jamaican Caper	full, 15 Gal., 6' ht. x 4' sp., at time of planting, FLA #1	Yes	
EUF	8	Eugenia foetida	Spanish Stopper	full, 15 Gal., 6' ht. x 4' sp., at time of planting, FLA #1	Yes	
Shrubs & Groundcovers						
BOU	10	Bougainvillea spp.	Lilac + White Bougainvillea thornles	full, 7 Gal., 24" o.c., 24" ht. at time of planting		
CVG	18	Codiaeum variegatum 'Gold Dust'	Gold Dust Croton	full, 7 Gal., 24" o.c., 24" ht. at time of planting, shade grown		
FIM	12	Ficus microcarpa 'Green Isle'	Green Island Ficus	full, 3 Gal., 18" o.c., 18" ht. at time of planting		
JAI	1	Jatropha integerrima	Peregrina	4' Ht., multi branch, Florida #1		
LIM	38	Liriope muscari	Lilyturf	full, 3 Gal., 18" o.c., 18" ht. at time of planting		
SAC	10	Salvia coccinea	Scarlet sage	full, 3 Gal., 18" o.c., 18" ht. at time of planting	Yes	
THC	15	Thyreacanthus callistachyus	Purple Firespike	full, 7 Gal., 24" o.c., 30" ht. at time of planting	Yes	
PSN	58	Psychotria nervosa	Wild Coffee	full, 7 Gal., 24" o.c., 24" ht. at time of planting	Yes	
	162	TOTAL				
Sod						
	As Shown	Stenotaphrum secundatum 'Palmetto'	St. Augustine 'Palmetto'	solid sod		

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LANDSCAPE LEGENDS

L-1.1

SEAL LA 666869



HAROLD HOYTE, RLA

LANDSCAPE ARCHITECT



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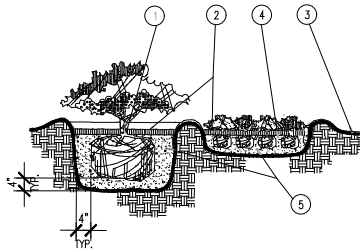
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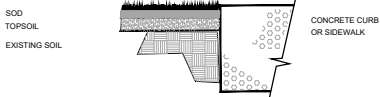
PLAN VIEW

- NOTES:
1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
 2. 3" MINIMUM OF MULCH.
 3. FINISHED GRADE
 4. PREPARED PLANTING SOIL
 5. SCARIFY ROOTBALL SIDES AND BOTTOM.



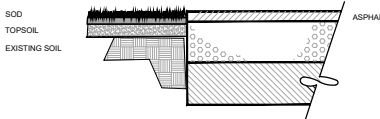
SHRUB/GROUNDCOVER PLANTING DETAIL

N.T.S.



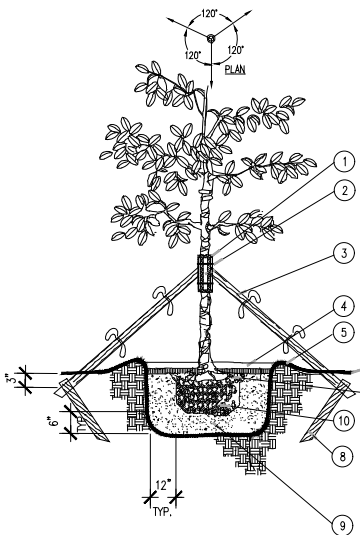
SOD ADJACENT TO CONCRETE DETAIL

N.T.S.



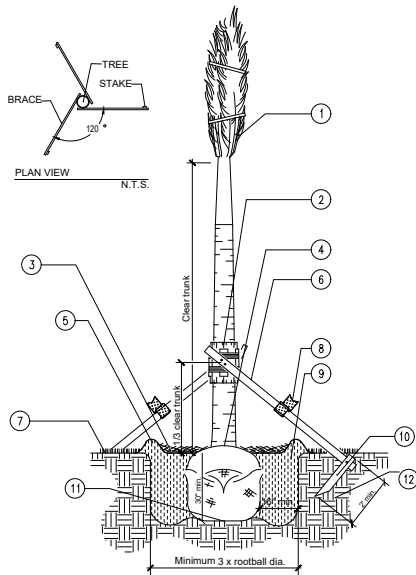
SOD ADJACENT TO ASPHALT DETAIL

N.T.S.



LARGE TREE PLANTING DETAIL

N.T.S.



PALM PLANTING DETAIL

N.T.S.

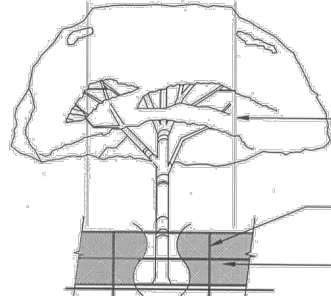
- NOTES:
1. TIE FRONDS WITH BURLAP STRIP FOR PROTECTION OF BUD.
 2. WRAP TRUNK WITH 5 LAYERS OF BURLAP. WRAP CLEAT BAND AROUND 2X4X12" LUMBER. NAIL BRACES TO LUMBER.
 3. APPLY 3" OF MULCH.
 4. DO NOT MULCH ON TOP OF ROOTBALL.
 5. FORM 6" HIGH SOIL DAM RING AROUND TREE TO CREATE WATERING BASIN.
 6. 2X4 WOOD BRACES, LENGTH VARIES.
 7. FINISH GRADE.
 8. PROVIDE FLUORESCENT TAPE WARNING FLAGS AT 2' O.C. ON ALL STAKES, AS SHOWN.
 9. BACKFILL WITH TILED AND LOOSENEED SOIL FREE OF DELETERIOUS MATERIAL FOR PLANT GROWTH. WATER AND TAMP TO REMOVE AIR POCKETS.
 10. 2X4 WOOD STAKE. NAIL BRACE TO STAKE.
 11. SET ROOTBALL ON UNDISTURBED SOIL.
 12. UNDISTURBED EXISTING SOIL.

LANDSCAPE GENERAL NOTES

1. All plants furnished by the Landscape Contractor unless otherwise specified shall be Florida No.1 or better, and shall be specified in Grades and Standards for Nursery Plants, Part 1 (3rd Ed., 1975) by the Florida Department of Agriculture and Consumer Services Division of the plant industry.
2. All shrubs, and groundcovers shall be guaranteed for 90 days from date of final acceptance. All trees and palms shall be guaranteed for six months from date of final acceptance.
3. Planting soil (with the exception for Palms) shall be weed-free, and consist of 60% clean, coarse, sharp, Lake Wales Silica Sand (alternate: Ortona or FDOT #3 coarse silica sand) and 30% Everglades muck mixed with 10% Canadian Peat.
4. All planting beds to be weed and grass free. Contractor shall apply herbicide to soil as recommended by manufacturer.
5. Landscape Contractor shall locate and verify all underground utilities prior to digging.
6. All trees and palms, and standard shrub material to be staked in a good workmanlike manner. No nail staking permitted.
7. All trees, shrubs and groundcovers shall be fertilized at installation with: Five (5) of FEC 3-24-0-#1308 as manufactured by Atlantic-Florida East Coast Fertilizer Company, Homestead, Florida or equal, and two (2) pounds FEC 15-8-8 #2500 or equal per cubic yard of planting soil.
8. All palms shall be fertilized at installation with Atlantic East Coast Fertilizer "Palm Special" or approved equal.
9. Cover all planting beds with a minimum of 3" layer of shredded Pine, Eucalyptus or Florimuch (100% shredded Melaleuca). Do not use Bald Cypress mulch.
10. Where quantities and/or species differ between the planting plan(s) and the plant list, the plan(s) shall govern.
11. No changes shall be made without the prior, written consent of the Landscape Architect and/or Owner.
12. Place and maintain protective barriers around the drip line of all trees to be retained on site. These barriers shall be easily visible and sturdily constructed. No heavy equipment or materials shall be stored within the drip line of protected trees. Any trees or palms designated to remain on-site which Miami Dade County determines to have been damaged during construction shall promptly be replaced with plants of equivalent size and value as required at no cost to Miami Dade County.
13. General Contractor shall submit photos to Landscape Architect and/or Owner for approval for all plant material 7 gallons or larger unless otherwise specified.
14. Loss or damage of branches 1" width or greater due to transport and installation are the responsibility of the GC and grounds for immediate rejection by Landscape Architect and/or Owner.

TREE / PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES / PALMS THAT ARE TO REMAIN, BE PROTECTED, or BE RELOCATED

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.



In no case shall the fence be installed less than ten feet from the trunk

Tree + Palm protection barriers to extend beyond the 'dripline' or to the 'critical root zone area' of all trees/palms to be protected. Extend where necessary to protect tree canopy roots

Barriers shall be a minimum of four feet high, and shall be constructed of continuous chain link fence with metal posts at eight-foot spacing, or of two-by-four-inch posts with three equally spaced two-by-four-inch rails. Posts may be shifted to avoid roots.

PROTECTION DETAIL NOTE
CONTRACTOR TO INSTALL 'TREE / PALM PROTECTION FENCE BARRIERS' AROUND ALL EXISTING TREES OR PALMS AT THE START OF THE PROJECT. BARRIERS TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NOT BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH URBAN FORESTER + PLANNING + ZONING DEPARTMENT

C.M.B. TREE / PALM PROTEC. DETAIL

LANDSCAPE ARCHITECT

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PLANTING DETAILS
& NOTES

L-1.2

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PLANTING DETAILS & NOTES