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Project Title
8 CENTURY LANE

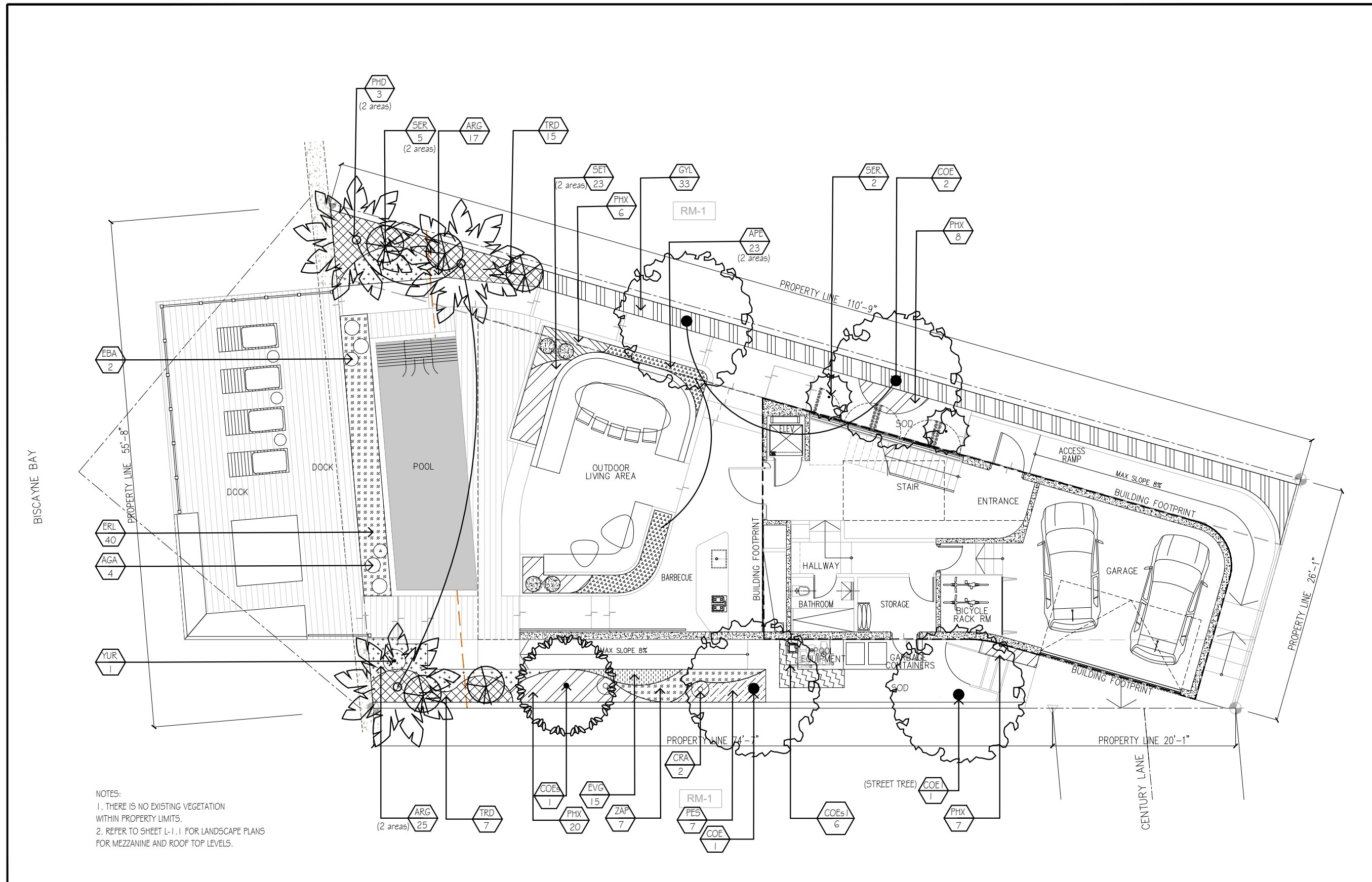
PROPOSED NEW SINGLE
FAMILY RESIDENCE FOR
MR. MICHAEL SAIGER

8 CENTURY LANE
MIAMI BEACH, FL 33139

Issued for:
DRB FINAL SUBMITTAL

Sheet Title:
LANDSCAPE PLAN
GROUND LEVEL

Project No. 2202	Sheet No. L1-0
Date 08/08/2022	
Drawn By G.A./J.J.	
Reviewed By HH	Sheet 1 of 4



NOTES:
1. THERE IS NO EXISTING VEGETATION WITHIN PROPERTY LIMITS.
2. REFER TO SHEET L-1.1 FOR LANDSCAPE PLANS FOR MEZZANINE AND ROOF TOP LEVELS.

LANDSCAPE PLAN - GROUND LEVEL

NORTH
SCALE: 3/32" = 1'-0"

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LANDSCAPE PLAN
MEZZANINE + ROOF
LEVELS

Project No.

2202

Date 08/08/2022

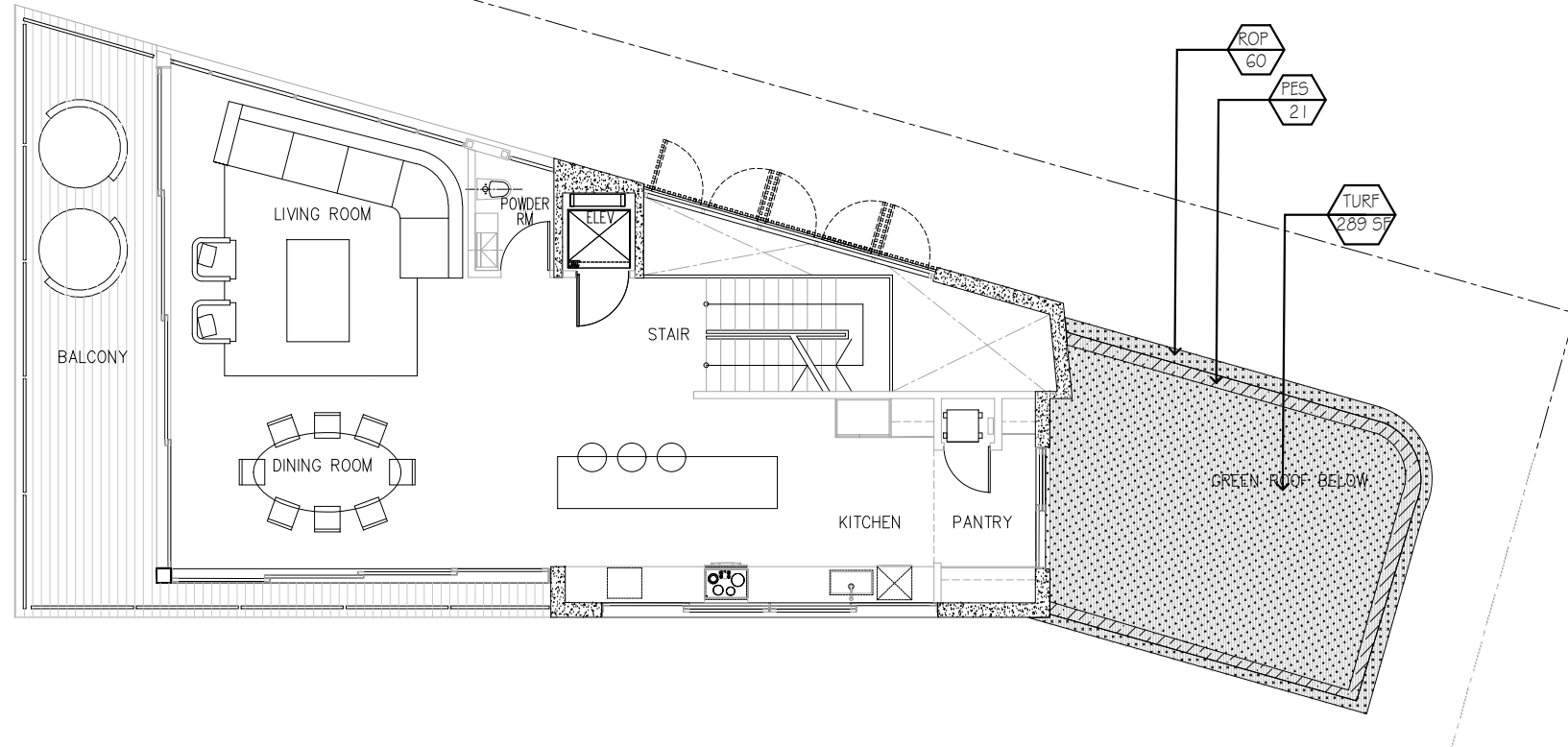
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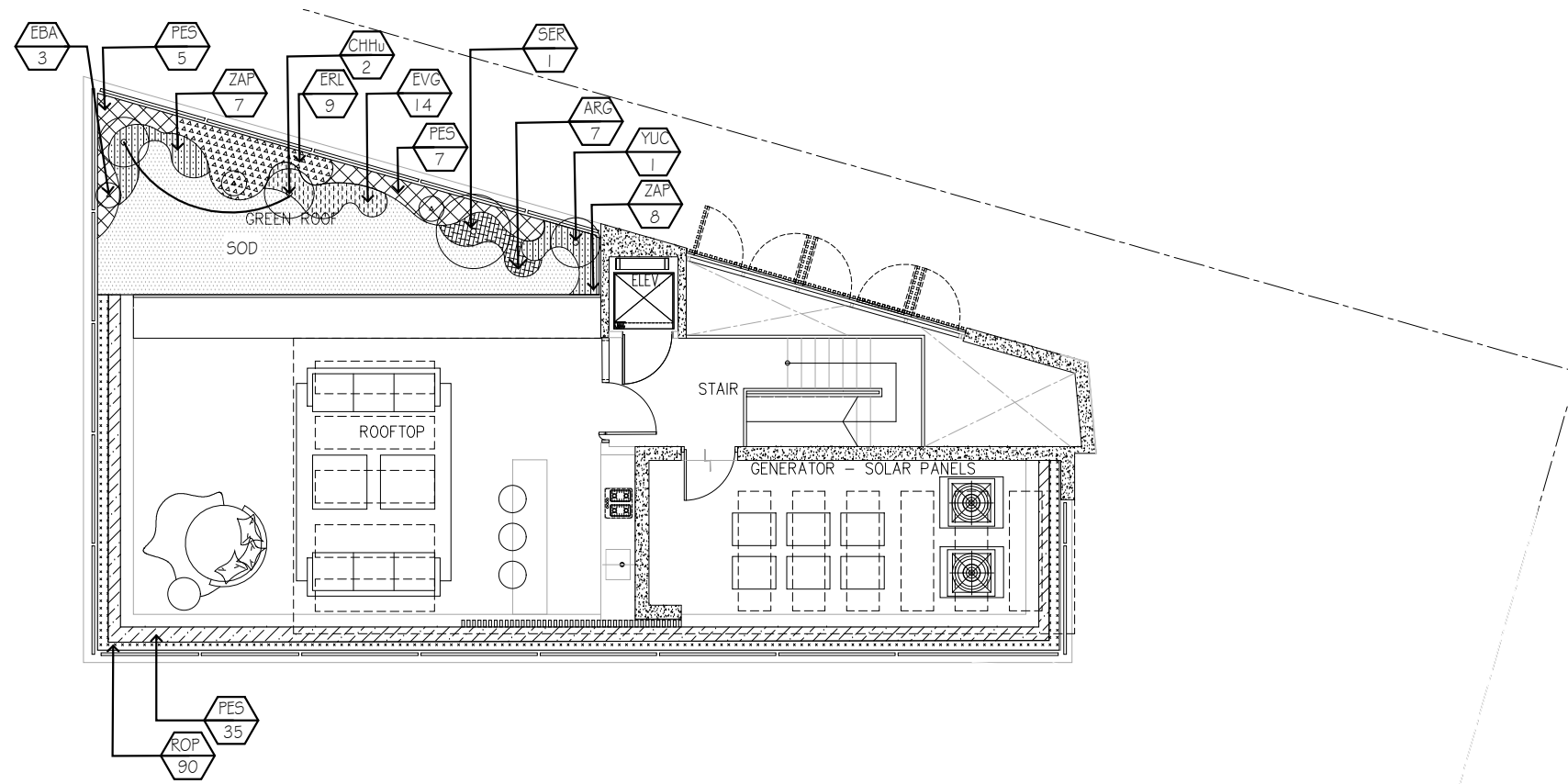
L1-1

Sheet 2 of 4



LANDSCAPE PLAN - MEZZANINE LEVEL

NORTH
SCALE: 3/32" = 1'-0"



LANDSCAPE PLAN - ROOF TOP LEVEL

NORTH
SCALE: 3/32" = 1'-0"

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LANDSCAPE LEGENDS

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Date 08/08/2022
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Sheet No. L1-2
Sheet 3 of 4

CITY OF MIAMI BEACH		
LANDSCAPE LEGEND		
INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS		
Zoning District <u>RM-1</u> Lot Area <u>4,599 SF</u> Acres <u>.11</u>		
	REQUIRED/ ALLOWED	PROVIDED
OPEN SPACE		
A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>4,599 SF</u> x <u>30%</u> =	1,379.70	1,917.8
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=		
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	1,379.70	1,917.8
B. Maximum lawn area (sod) permitted= <u>30%</u> x <u>1,917.8 SF</u>	575.1	569
TREES		
A. Number of trees required per net lot acre, less existing number of trees meeting minimum requirements = <u>28</u> trees x <u>.11</u> net lot acre - (<u>0</u>) number of existing trees =	4	4
A1. As per 126-6.c, Table A 2 trees at front yard, 2 trees in back yard		
A2. Per every 1,000 SF over 6,000 SF property, another tree will be added	n/a	n/a
B. % Natives required: Number of trees provided x 30% =	2	4
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50% =	2	4
D. Street Trees (maximum average spacing of 20' o.c.) <u>24'</u> linear feet along street divided by 20' =	1	1 (inside pl)
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): _____ LF along street divided by 20' =	n/a	n/a
TOTAL TREES	5	5
SHRUBS		
A. Number of shrubs required: Sum of lot and street trees required x 12 =	60	321
B. % Native shrubs required: x 50% =	30	142
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 10% =	6	33
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50% =	3	33

PLANT LIST - ALL LEVELS

Label	Quantity	Scientific Name	Common Name	Specifications	Native	Drought Tolerant	Salt Tolerance
Trees							
COE	3	Conocarpus erectus	Green Buttonwood	12' ht., 4' sp., 2" dbh, Florida # 1 or Better, standard	Yes	Yes	High
COE1	1	Conocarpus erectus	Green Buttonwood	16' ht., 8' sp., 4" dbh, 4CT, Florida # 1 or Better, standard, Street Tree	Yes	Yes	High
COEs	1	Conocarpus erectus 'Sericeus'	Silver Buttonwood	12' ht., 4' sp., 2" dbh, Florida # 1 or Better, multi trunk	Yes	Yes	High
	5	TOTAL					
Palms							
CHHu	2	Chamaerops humilis	European Fan Palm	6' ht., multi stems, FL # 1 or Better		Yes	High
PHD	3	Phoenix dactylifera 'Medjool'	Date Palm	18' oa. ht. min., x 6" dbh, Florida # 1 or Better		Yes	High
SER	8	Serenoa repens	Silver Saw Palmetto	15 Gal, multi stems	Yes	Yes	Moderate
	13	TOTAL					
Small Trees/Large Shrubs							
GYL	33	Gymnanthes lucida	Crabwood	6' ht. x 4' sp., at time of planting, FL # 1 or better	Yes	Yes	Moderate
Shrubs and Grasses							
AGA	4	Agave attenuata	Soft Tip Agave	full, 7 Gal., 24" ht. Min. at time of planting		Yes	Moderate
APE	49	Aspidistra elatior	Cast Iron Plant	full, 3 Gal., 18" o.c., 12" ht. at time of planting		Yes	Moderate
ARG	43	Argusia gnaphalodes	Sea Lavender	full, 3 Gal., 18" o.c., 12" ht. at time of planting	Yes	Yes	High
CHC	6	Chamaedorea cataractum	Cat Palm	full, 7 Gal., 30" o.c., 36" ht. Min. at time of planting		Yes	Moderate
COEs1	6	Conocarpus erectus 'Sericeus'	Silver Buttonwood	full, 7 Gal., 30" o.c., 36" ht. Min. at time of planting, Shrub form	Yes	Yes	High
CRA	2	Crinum asiaticum	Crinum Lily	full, 7 Gal., min.		Yes	Moderate
ERL	49	Erondea littoralis	Golden Creeper	full, 3 Gal., 24" o.c., 18" ht. at time of planting	Yes	Yes	High
PES	75	Pennisetum setaceum 'Alba'	White Fountain Grass	full, 3 Gal., 24" o.c., 18" ht. x 24" sp. at time of planting		Yes	Moderate
PHX	41	Philodendron 'Xanadu'	Xanadu Philodendron	full, 3 Gal., 18" o.c., 18" ht. at time of planting			Moderate
TRD	22	Tripsacum dactyloides	Dwarf Fakahatchee Grass	full, 7 Gal., 30" o.c., 36" ht. Min. at time of planting	Yes	Yes	High
YUC	1	Yucca recurvifolia	Soft Leaf Yucca	full, 15 gal., 3'-4' ht. at time of planting		Yes	High
YUR	1	Yucca rostrata	Beaked Yucca	full, 15 gal., 3'-4' ht. at time of planting		Yes	High
ZAP	22	Zamia pumila	Coontie	full, 3 Gal., 18" o.c., 12" ht. at time of planting	Yes	Yes	High
	321	TOTAL					
Groundcovers							
EBA	5	Echeveria 'Blue Atoll'	Blue Atoll Echeverria	full, 1 gal, 12" O.C., x 8"10 ht. at time of planting		Yes	Moderate
EVG	29	Evolvulus glomeratus	Blue Daze	full, 1 gal, 12" O.C., x 6" ht. at time of planting		Yes	Moderate
ROP	150	Rosmarinus officinalis 'Prostratus'	Creeping Rosemary	full, 1 gal, 12" O.C., x 6" ht. at time of planting		Yes	Moderate
SET	23	Senecio Tallioides 'Joly Gray'	Joly Gray Senecio	full, 1 gal, 12" O.C., 8" min. ht. at time of planting		Yes	Moderate
	207	TOTAL					
Sod							
SOD	569	Stenotaphrum secundatum 'Palmetto'	St. Augustine 'Palmetto'	sold sod, no weeds			
TURF	289	Artificial Turf					

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PLANTING DETAILS +
NOTES

Project No.

2202

Date 08/08/2022

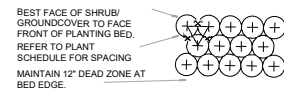
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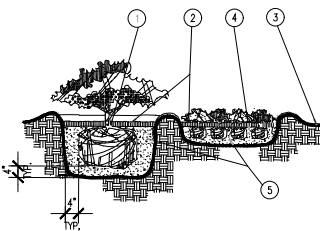
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L1-3

Sheet 4 of 4



PLAN VIEW

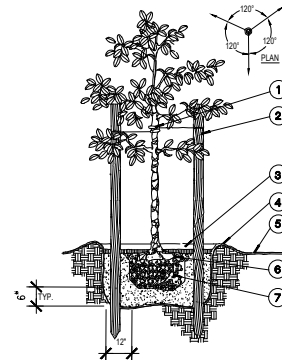


SHRUB/GROUNDCOVER PLANTING DETAIL

N.T.S.

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.



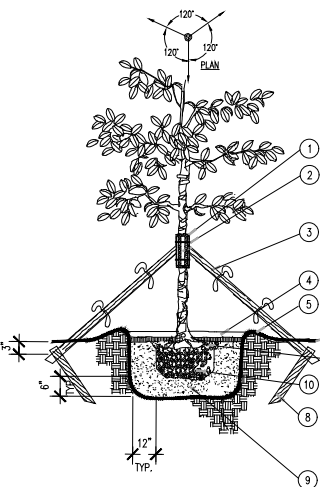
SMALL TREE PLANTING DETAIL

N.T.S.

1. 3/4" ARBORTIE BY DEEPROOT OR APPROVED EQUAL. (NOTE FOR MULTI-TRUNK TREES, GUY TO STRONGEST TRUNK AT CENTER).
2. THREE 2" X 8" LODGE POLES. SPACE EVENLY AROUND TREE.
3. 3" MINIMUM OF MULCH.
4. SOIL BERM TO HOLD WATER.
5. FINISHED GRADE.
6. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
7. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EARTH.

NOTE:

CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.



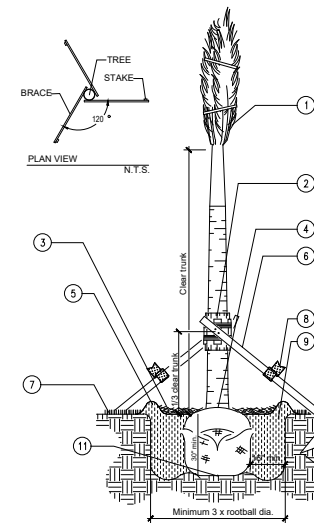
LARGE TREE PLANTING DETAIL

N.T.S.

1. 5 LAYERS OF BURLAP TO PROTECT TRUNK.
2. TWO STEEL BANDS TO SECURE BATTONS. 3. FIVE 2" X 4" X 18" WOOD BATTONS.
3. 3-2" X 8" LODGE POLES. NAIL (DRILL AND NAIL IF NECESSARY) TO BATTONS 2" X 4" STAKES. FLAG AT MIDPOINT AND AT BASE. (WITH ORANGE FLAGGING).
4. 3" MINIMUM OF MULCH.
5. SOIL BERM TO HOLD WATER.
6. FINISHED GRADE.
7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
8. 2" X 4" X 2' (MIN). P.T. WOOD STAKES BURIED 3" BELOW FINISHED GRADE.
9. PREPARED PLANTING SOIL.
10. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING.

NOTE:

CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.



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 the City determines to have been damaged during construction shall promptly be replaced with plants of equivalent size and value as required at no cost to the City.
13. General Contractor shall submit photos to Landscape Architect 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.