

HERTZBERG RESIDENCE

DRB22-0905 Final Submittal 02/13/2023

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PHYLA LANDSCAPE
STUDIO
700 S DIXIE HWY #100
CORAL GABLES, FL 33146
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PROJECT
STATUS

PLAN CHECK
NO.

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HERTZBERG RESIDENCE

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DATE
02/13/2023



Claude M. Matson

INDEX

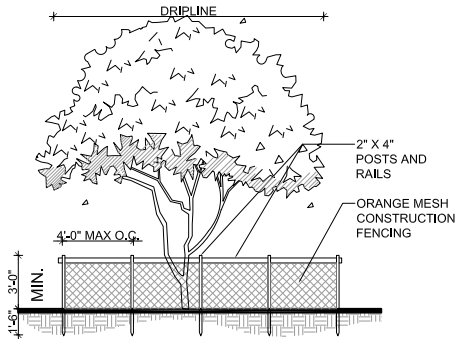
L-000

1420 22ND ST. TREE DISPOSITION LIST

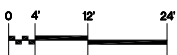
Botanical Name	Common Name	DBH (in)	HT (ft)	Spread (ft)	Native?	Condition	Disposition
<i>Quercus virginiana</i>	Live Oak	20.5	35	40	Yes	Good	Remain
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	35	20	No	Good	Remove
<i>Quercus virginiana</i>	Live Oak	15	30	30	Yes	Fair	Remove
<i>Phoenix canariensis</i>	Canary Date Palm	20	40	15	No	Fair	Remove
<i>Phoenix canariensis</i>	Canary Date Palm	18	30	15	No	Good	Remain
<i>Phoenix roebelenii</i>	Pygmy Date Palm	3, 4	10	5	No	Fair	Remove
<i>Ficus benjamina</i>	Weeping Ficus Hedge	cluster	20	5	No	Good	Remain
<i>Ficus benjamina</i>	Weeping Ficus Hedge	cluster	20	5	No	Good	Remain
<i>Phoenix canariensis</i>	Canary Date Palm	24	35	12	No	Fair	Remain
<i>Phoenix canariensis</i>	Canary Date Palm	20	30	15	No	Good	Remain
<i>Roystonea regia</i>	Royal Palm	16	30	18	Yes	Good	Remain
<i>Roystonea regia</i>	Royal Palm	16	27	15	Yes	Good	Remain
<i>Roystonea regia</i>	Royal Palm	16	35	18	Yes	Good	Remain
<i>Roystonea regia</i>	Royal Palm	16	30	18	Yes	Good	Remain
<i>Roystonea regia</i>	Royal Palm	16	30	20	Yes	Good	Remain
<i>Roystonea regia</i>	Royal Palm	16	35	18	Yes	Good	Remain
<i>Roystonea regia</i>	Royal Palm	17	30	15	Yes	Good	Remain
<i>Cocos nucifera</i>	Coconut Palm	14	50	15	No	Good	Remove
<i>Cocos nucifera</i>	Coconut Palm	15	50	15	No	Fair	Remove
<i>Mangifera indica</i>	Mango	6	15	12	No	Good	Remove
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	30	20	No	Fair	Remove
surveyor error		-	-	-	-	-	-
<i>Mangifera indica</i>	Mango	6	12	15	No	Good	Remain
<i>Ficus benjamina</i>	Weeping Ficus Hedge	cluster	20	5	No	Good	Remain
<i>Ficus benjamina</i>	Weeping Ficus Hedge	cluster	20	5	No	Good	Remain
<i>Mangifera indica</i>	Mango	4	10	5	No	Fair	Remove
<i>Schefflera actinophylla</i>	Umbrella Tree	9	15	8	No	Fair	Remove
<i>Schefflera actinophylla</i>	Umbrella Tree	36	20	15	No	Good	Remove
<i>Schefflera actinophylla</i>	Umbrella Tree	46	20	15	No	Good	Remove
<i>Schefflera actinophylla</i>	Umbrella Tree	5	12	3	No	Poor	Remove
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	30	20	No	Fair	Remove
<i>Roystonea regia</i>	Royal Palm	18	50	15	Yes	Fair	Remain
surveyor error		-	-	-	-	-	-
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	30	20	No	Good	Remain
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	30	20	No	Good	Remain
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	30	20	No	Good	Remain
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	30	20	No	Good	Remain
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	30	20	No	Good	Remain
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	30	20	No	Good	Remain
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	35	20	No	Fair	Remain
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	35	20	No	Fair	Remain
<i>Ravenala madagascariensis</i>	Travelers Palm	cluster	35	20	No	Fair	Remain
<i>Avicennia coriambola</i>	Star Fruit	6	12	10	No	Good	Remain
<i>Quercus virginiana</i>	Live Oak	26	40	45	Yes	Good	Remain
<i>Schefflera actinophylla</i>	Umbrella Tree	44	20	15	No	Good	Remove
<i>Phoenix roebelenii</i>	Pygmy Date Palm	5	12	5	No	Good	Remove
<i>Adonia merrillii</i>	Christmas Palm	6	18	6	No	Fair	Remove
<i>Phoenix roebelenii</i>	Pygmy Date Palm	4, 4, 4	12	10	No	Good	Remove
<i>Phoenix roebelenii</i>	Pygmy Date Palm	4, 4	12	6	No	Good	Remove
<i>Alocasia sp.</i>	Elephant Ear	n/a	10	6	No	Good	Remove
<i>Phoenix roebelenii</i>	Pygmy Date Palm	3	8	4	No	Fair	Remove
<i>Phoenix roebelenii</i>	Pygmy Date Palm	3	8	5	No	Fair	Remove
<i>Ptychosperma elegans</i>	Alexander Palm	3, 3	30	10	No	Fair	Remove
<i>Livistona chinensis</i>	Chinese Fan Palm	7	20	12	No	Fair	Remain
<i>Phoenix canariensis</i>	Canary Date Palm	20	20	18	No	Good	Remain
surveyor error		-	-	-	-	-	-
<i>Phoenix roebelenii</i>	Pygmy Date Palm	4, 4, 4	12	5	No	Good	Remove
<i>Phoenix roebelenii</i>	Pygmy Date Palm	4, 4	12	6	No	Good	Remove
<i>Ficus benjamina</i>	Weeping Ficus Hedge	cluster	25	7	No	Good	Remain
<i>Dracaena marginata</i>	Dragon Tree	cluster	20	15	No	Poor	Remove
<i>Delonix regia</i>	Royal Poinciana	26	40	50	No	Good	Remain
<i>Phoenix roebelenii</i>	Pygmy Date Palm	4, 4, 4	10	5	No	Good	Remove
<i>Phoenix roebelenii</i>	Pygmy Date Palm	4, 4	10	5	No	Fair	Remove
<i>Ptychosperma elegans</i>	Alexander Palm	3, 3, 3, 3	35	8	No	Good	Remove
<i>Phoenix roebelenii</i>	Pygmy Date Palm	4	12	8	No	Fair	Remove
surveyor error		-	-	-	-	-	-
<i>Alocasia sp.</i>	Elephant Ear	n/a	10	6	No	Fair	Remove
<i>Alocasia sp.</i>	Elephant Ear	n/a	12	6	No	Fair	Remove
<i>Litsea chinensis</i>	Lychee	6	15	15	No	Fair	Remove
<i>Moringa oleifera</i>	Moringa	8	15	12	No	Good	Remove
<i>Citrus sp.</i>	Lime	5	8	8	No	Fair	Remove

- A BARRIER SHALL BE INSTALLED AROUND EXISTING TREES IN ORDER TO PROTECT THEM DURING CONSTRUCTION.
- THE AREA SURROUNDING A TREE WITHIN A CIRCLE DESCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE TRUNK DIAMETER AT DBH.
- FOR GROUPS OF TREES, PLACE BARRICADES BETWEEN TREES AND CONSTRUCTION ACTIVITY. TREE PROTECTION BARRICADES SHALL BE LOCATED TO PROTECT A MINIMUM OF 75% OF THE CRITICAL ROOT ZONE.
- TREE PROTECTION NOTE: NO EQUIPMENT ACCESS IS ALLOWED WITHIN TREE PROTECTION FENCE. ONLY EQUIPMENT WITH RUBBER TIRES ALLOWED WITHIN DESIGNATED CRZs.

NOTE:
1. SURVEY INFORMATION BASED ON SURVEY PERFORMED BY JOHN IBARRA & ASSOCIATES, INC. DATED DEC 13, 2021

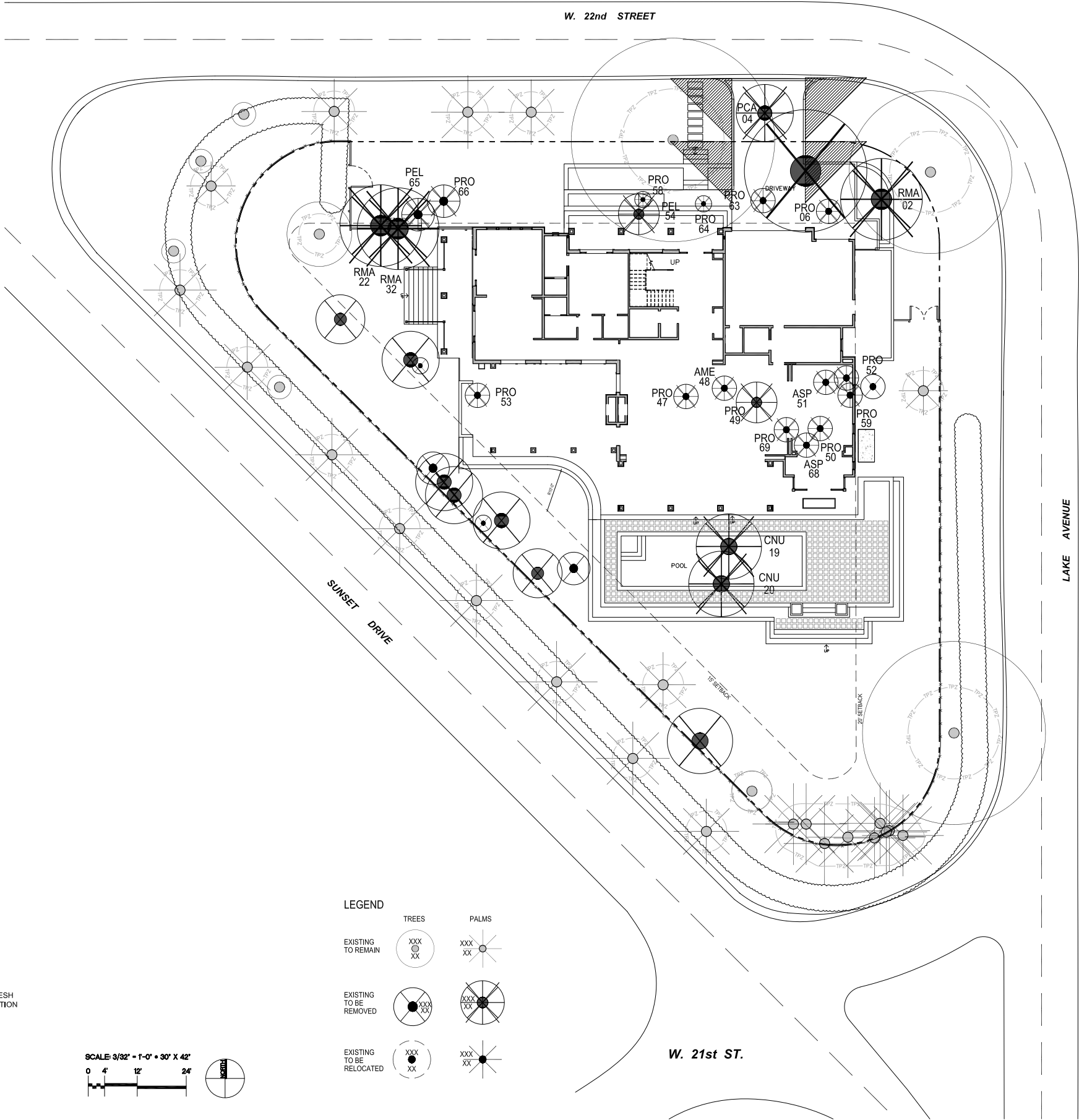


SCALE: 3/32" = 1'-0" = 30' X 42'



LEGEND

	TREES	PALMS
EXISTING TO REMAIN	XXX XX	XXX XX
EXISTING TO BE REMOVED	XXX XX	XXX XX
EXISTING TO BE RELOCATED	XXX XX	XXX XX



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TREE
DISPOSITION
PLAN

L-100

CITY OF MIAMI BEACH

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS
Zoning District RS-4 Lot Area 19,862 sf Acres 0.46

OPEN SPACE

- A. Square feet of required Open Space as indicated on site plan:
Lot Area = 19,862 s.f. x 50 % = 9,931 s.f.
- B. Square feet of parking lot open space required as indicated on site plan:
Number of parking spaces _____ x 10 s.f. parking space = _____
- C. Total square feet of landscaped open space required: A+B= _____

LAWN AREA CALCULATION

- A. Square feet of landscaped open space required _____
- B. Maximum lawn area (sod) permitted= 50 % x 9,931 s.f. _____

TREES

- A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= _____
- _____ trees x _____ net lot acres - number of existing trees= _____
- B. % Natives required: Number of trees provided x 30% = _____
- C. % Low maintenance / drought and salt tolerant required:
Number of trees provided x 50%= _____
- D. Street Trees (maximum average spacing of 20' o.c.)
_____ linear feet along street divided by 20'= _____
- E. Street tree species allowed directly beneath power lines:
(maximum average spacing of 20' o.c.):
_____ linear feet along street divided by 20'= _____

SHRUBS

- A. Number of shrubs required: Sum of lot and street trees required x 12= _____
- B. % Native shrubs required: Number of shrubs provided x 50%= _____

LARGE SHRUBS OR SMALL TREES

- A. Number of large shrubs or small trees required: Number of required shrubs x 10%= _____
- B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%= _____

MATERIAL IMAGERY



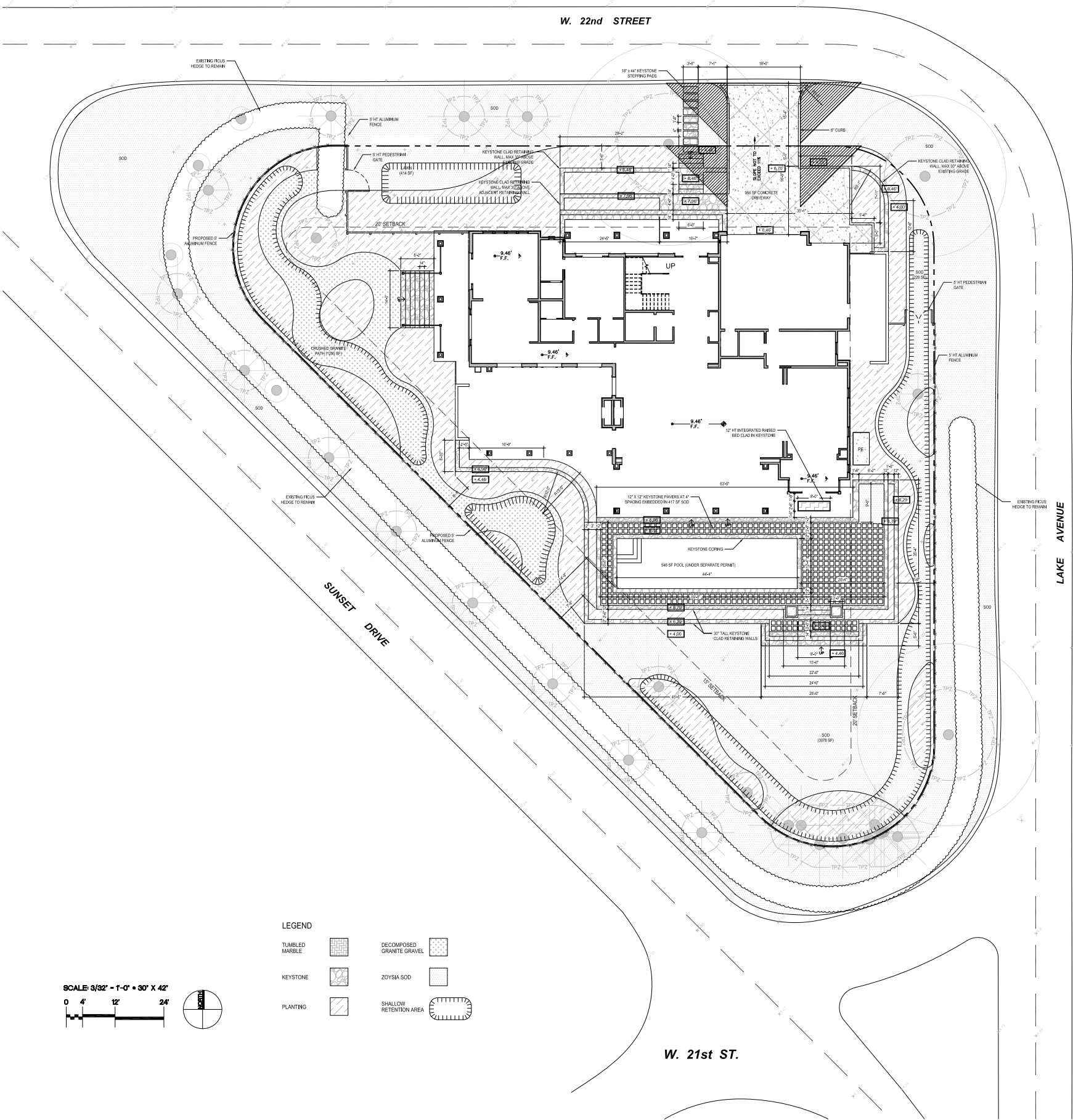
CONCRETE DRIVEWAY WITH ROCK SALT FINISH

KEYSTONE CLAD RETAINING WALL/PLANTER



KEYSTONE PAVER IN SOD

KEYSTONE PAVER



LEGEND

- TUMBLING MARBLE
- KEYSTONE
- PLANTING
- DECOMPOSED GRANITE GRAVEL
- ZOYSIA SOD
- SHALLOW RETENTION AREA

SCALE: 3/32" = 1'-0" • 30' X 42"



W. 21st ST.

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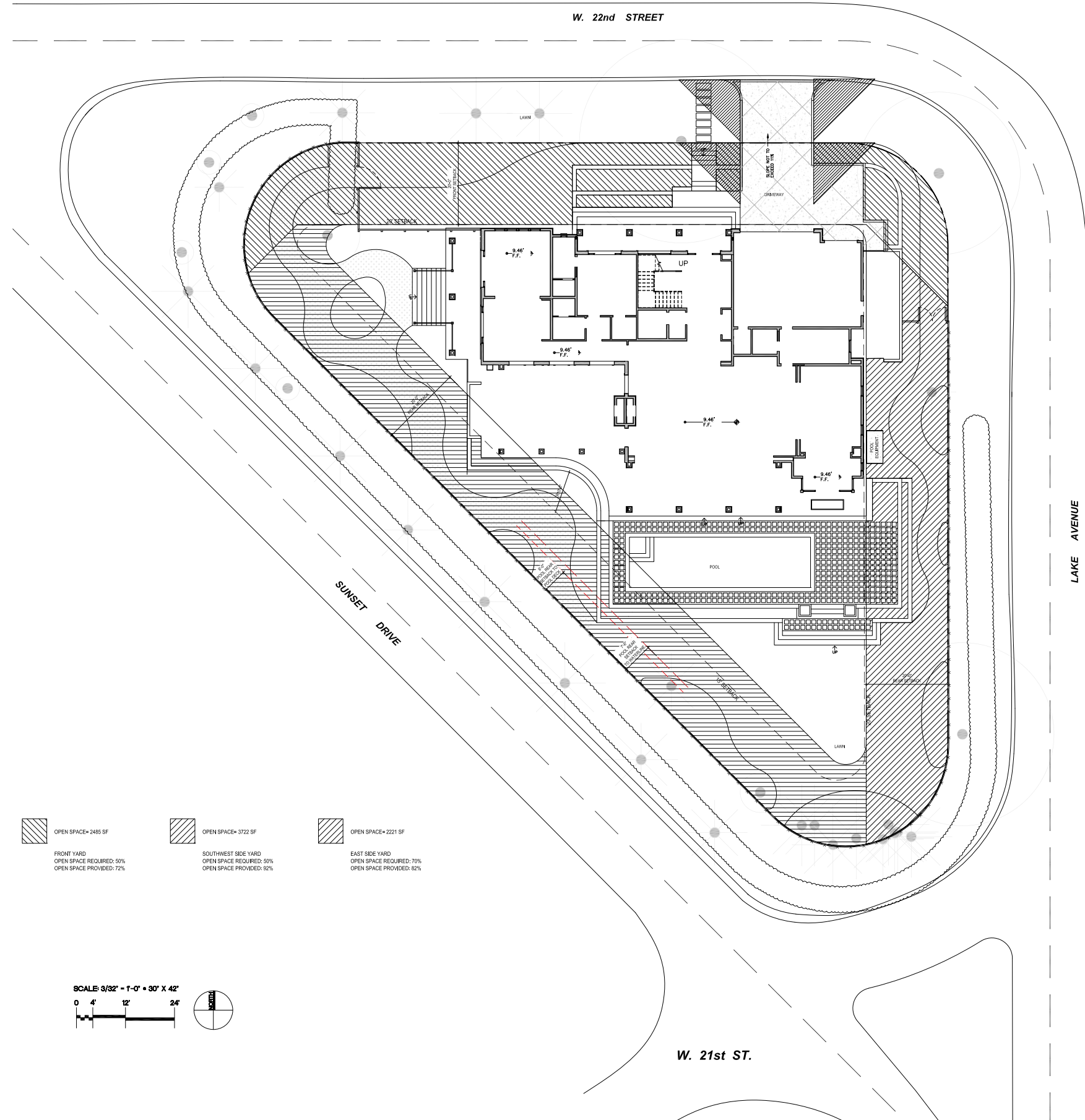
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HARDSCAPE PLAN

L-200



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OPEN SPACE
DIAGRAM

L-201

TREE MITIGATION CALCULATIONS

Total palms to be removed	Total # of replacement canopy trees required (12' Ht, 2" DBH)		Total replacement trees provided	
7	7		7	
Total tree DBH (in) to be removed	Total # of replacement canopy trees required (12' Ht, 2" DBH)	OR	Total # of replacement canopy trees required (14' Ht, 4" DBH)	Total replacement trees provided
35	12*		6	8
Replacement Trees				
Common	Botanical	Specification		Quantity
Pink Powderpuff	<i>Calliandra surinamensis</i>	12' Ht, 2" Cal, 6' Sp		1
Silk Floss Tree	<i>Ceiba speciosa</i>	14' Ht, 4" Cal, 8' Sp		1
Seagrape	<i>Coccoloba uvifera</i>	14' Ht, 4" Cal, 8' Sp		2
Gumbo Limbo	<i>Bursera simaruba</i>	14' Ht, 4" Cal, 8' Sp		1
Gumbo Limbo	<i>Bursera simaruba</i>	12' Ht, 2" Cal, 6' Sp		3
Silver Buttonwood	<i>Conocarpus erectus sericeus</i>	10' Ht, 1.5" Cal		2
Simpson's Stopper	<i>Myrcianthes fragrans</i>	10' Ht, 1.5" Cal		2
Avocado	<i>Persea americana</i>	12' Ht, 2" Cal, 6' Sp		1
Allspice	<i>Pimenta dioica</i>	12' Ht, 2" Cal, 6' Sp		2

Street Trees			
Common	Botanical	Specification	Quantity
Gumbo Limbo	<i>Bursera simaruba</i>	12' Ht, 2" Cal, 6' Sp	1
Green Buttonwood	<i>Conocarpus erectus</i>	12' Ht, 2" Cal, 6' Sp	19
Royal Poinciana	<i>Delonix regia</i>	existing to remain	1
Simpson's Stopper	<i>Myrcianthes fragrans</i>	12' Ht, 2" Cal, 6' Sp	1
Live Oak	<i>Quercus virginiana</i>	12' Ht, 2" Cal, 6' Sp	4
Live Oak	<i>Quercus virginiana</i>	existing to remain	2
Total:			28

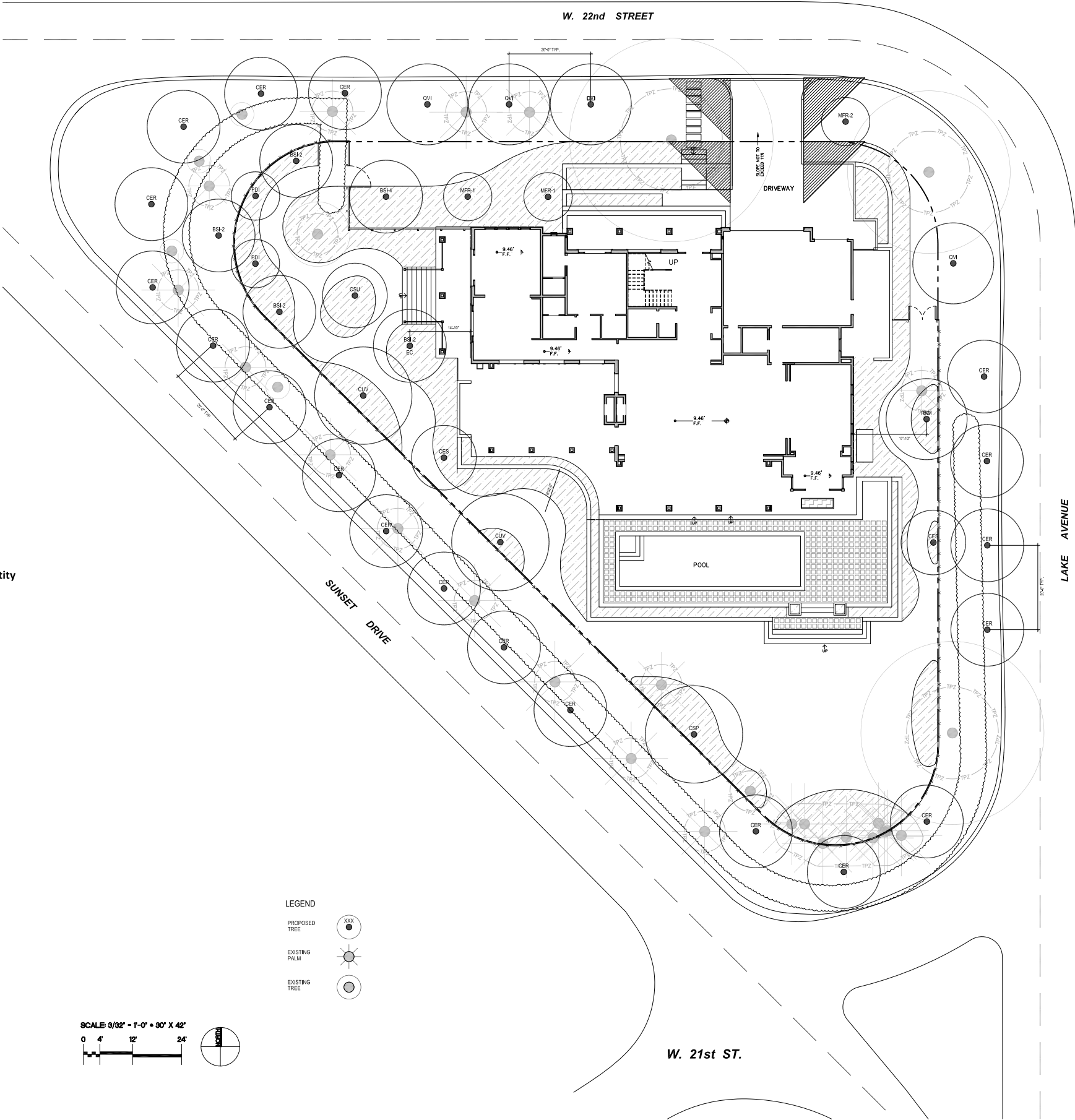
*up to 30% of this requirement may be substituted with native trees at 10' Ht, 1.5" cal.

HERTZBERG RESIDENCE PLANT SCHEDULE

CANOPY TREES

ID	Common Name	Botanical Name	Specification	Quantity
CSU	Pink Powderpuff	<i>Calliandra surinamensis</i>	12' Ht, 2" Cal, 6' Sp	1
CSP	Silk Floss Tree	<i>Ceiba speciosa</i>	14' Ht, 4" Cal, 8' Sp	1
CUV	Seagrape*	<i>Coccoloba uvifera</i>	14' Ht, 4" Cal, 8' Sp	2
CER	Green Buttonwood*	<i>Conocarpus erectus</i>	12' Ht, 2" Cal, 6' Sp	19
BSI-4	Gumbo Limbo*	<i>Bursera simaruba</i>	14' Ht, 4" Cal, 8' Sp	1
BSI-2	Gumbo Limbo*	<i>Bursera simaruba</i>	12' Ht, 2" Cal, 6' Sp	4
CES	Silver Buttonwood*	<i>Conocarpus erectus sericeus</i>	10' Ht, 1.5" Cal	2
MFR-2	Simpson's Stopper*	<i>Myrcianthes fragrans</i>	12' Ht, 2" Cal, 6' Sp	1
MFR-1	Simpson's Stopper*	<i>Myrcianthes fragrans</i>	10' Ht, 1.5" Cal	2
PAM	Avocado	<i>Persea americana</i>	12' Ht, 2" Cal, 6' Sp	1
PDI	Allspice	<i>Pimenta dioica</i>	12' Ht, 2" Cal, 6' Sp	2
QVI	Live Oak*	<i>Quercus virginiana</i>	12' Ht, 2" Cal, 6' Sp	4

NOTE: ROOT BARRIERS SHALL BE INSTALLED WHEN ROOT BALL IS WITHIN 10 FEET OF PAVEMENT OR BUILDING STRUCTURE.
ROOT BARRIERS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
ALL PLANTS SHALL BE FLORIDA FANCY OR FLORIDA NO. 1 GRADE AS OUTLINED BY FDACS IN THE 'FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS'.



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Canopy Plan

CANOPY
PLAN

L-300

HERTZBERG RESIDENCE PLANT SCHEDULE

LARGE SHRUBS

ID	Common Name	Botanical Name	Specification	Quantity
AE	Marlberry*	<i>Ardisia escallonioides</i>	7 Gal, bush	5
CC	Jamaica Caper*	<i>Capparis cynophallophora</i>	25 Gal, multi	2
HR	Lobster Claw	<i>Heliconia rostrata</i>	15 Gal	1
LG	Ruffle Fan Palm	<i>Licuala grandis</i>	15 Gal	6
RE	Lady Palm	<i>Rhapis excelsa</i>	15 Gal, full	10
SR	Silver Saw Palmetto*	<i>Serenoa repens 'cinera'</i>	15 Gal	9

SHRUBS + ACCENTS

ID	Common Name	Botanical Name	Specification	Quantity
CL	Pineland Croton*	<i>Croton linearis</i>	7 Gal	20
GJ	Gardenia	<i>Gardenia jasminoides</i>	7 Gal	4
HL	Spider Lily*	<i>Hymenocallis latifolia</i>	3 Gal	49
MD	Monstera	<i>Monstera deliciosa</i>	3 Gal	43
MP	Mussaenda	<i>Mussaenda philippica</i>	7 Gal	5
OS	Red Firespike	<i>Odontonema strictum</i>	7 Gal	4
PL	White Pentas	<i>Pentas lanceolatas</i>	1 Gal, 18" oc	47
PL	Bahama Coffee*	<i>Psychotria ligustifolia</i>	7 Gal	19
PN	Wild Coffee*	<i>Psychotria nervosa</i>	7 Gal	15
RS	Assorted Roses	<i>Rosa sp.</i>	7 Gal	8
SJ	Florida Porterweed*	<i>Stachytarpheta jamaicensis</i>	3 Gal	16
ZP	Coontie*	<i>Zamia pumila</i>	3 Gal	106

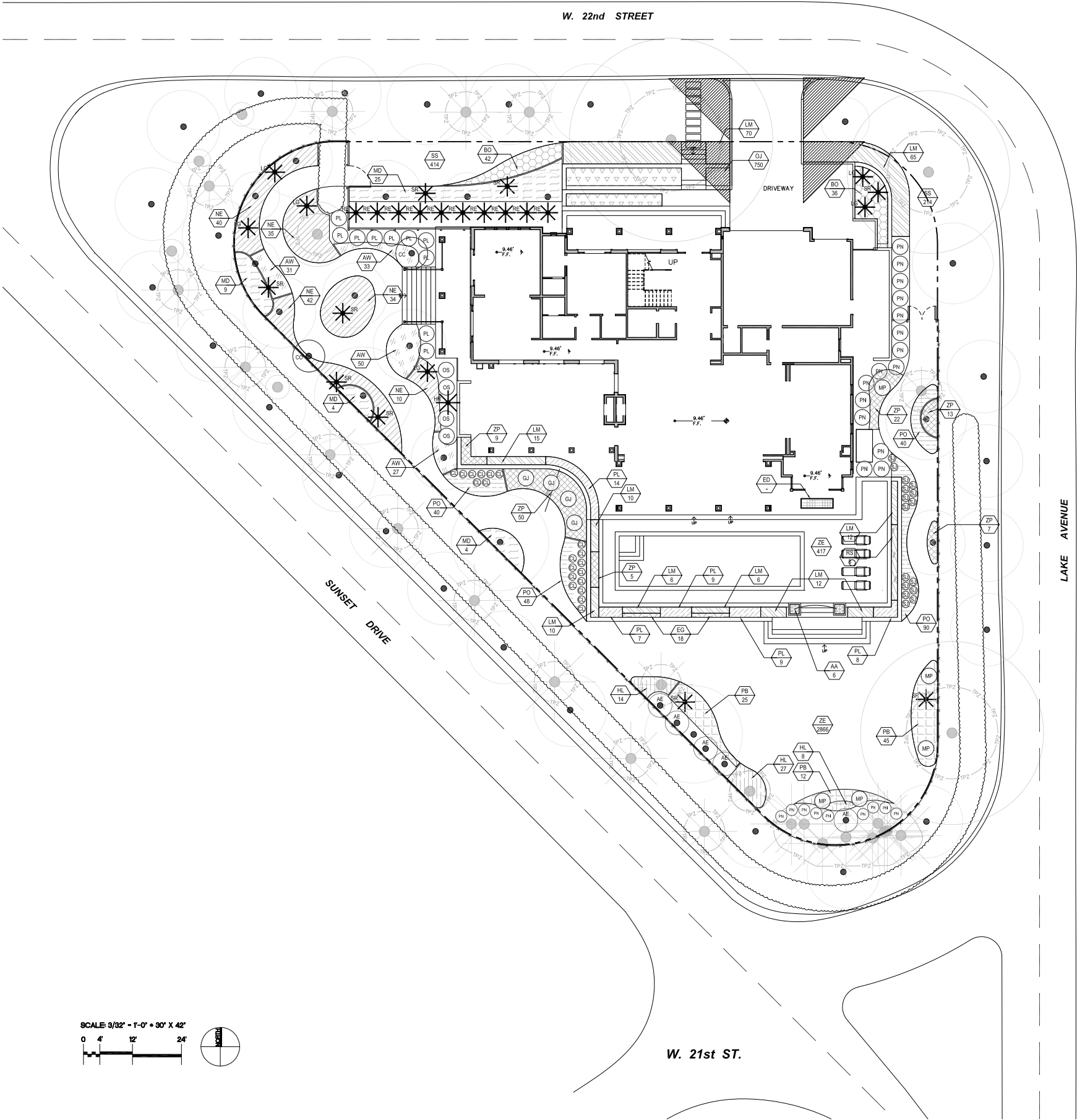
GROUNDCOVERS

ID	Common Name	Botanical Name	Specification	Quantity
AA	Spineless Agave	<i>Agave attenuata</i>	3 Gal	6
AW	White Anthurium	<i>Anthurium sp. "White Heart"</i>	1 Gal, 18" oc	141
BO	White Begonia	<i>Begonia odorata</i>	1 Gal, 18" oc	78
EG	Blue Daze	<i>Evolvulus glomeratus</i>	1 Gal, 12" oc	18
LM	Liriope	<i>Liriope muscari</i>	1 Gal, 18" oc	206
NE	Boston Fern*	<i>Nephrolepis exaltata</i>	1 Gal, 24" oc	161
OJ	Mondo Grass	<i>Ophiopogon japonicus</i>	4", 8" oc	750
PO	Peperomia*	<i>Peperomia obtusifolia</i>	1 Gal, 12" oc	225
PB	Burle Marx	<i>Philodendron 'Burle Marx'</i>	3 Gal, 24" oc	82
ED	Assorted Edibles	<i>varies</i>	<i>varies</i>	-

SOD

ID	Common Name	Botanical Name	Specification	Quantity
SS	St. Augustine Grass	<i>Stenotaphrum secundatum</i>		628
ZE	Empire Zoysia	<i>Zoysia japonica 'Empire'</i>		3283

NOTE: ALL AREAS IN THE ROW AFFECTED BY CONSTRUCTION ACTIVITY SHALL BE GRADED AND SODDED.
ALL PLANTS SHALL BE FLORIDA FANCY OR FLORIDA NO. 1 GRADE AS OUTLINED BY FDACS IN THE 'FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS'.



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UNDERSTORY
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