

FINAL PLANNING BOARD

L001	COVER SHEET
L002	TREE DISPOSITION PLAN
L003	EXISTING TREE SCHEDULE
L004	LANDSCAPE LEGEND AND MITIGATION
L100	SITE HARDSCAPE PLAN
L200	SITE PLANTING PLAN
L201	2ND LEVEL PLANTING PLAN
L202	PLANTING DETAILS
L300	SITE LIGHTING PLAN

NOTE: ARBORIST REPORT SUBMITTED AS A SEPARATE FILE

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ARCHITECTURE

7500 NE 4th Court
Suite 102
Miami, FL 33138
T: (305) 573-2728

PROJECT NUMBER
2314

PROJECT NAME
WHOLE FOODS
AND
WELLS FARGO
1901 ALTON ROAD
MIAMI BEACH, FL 33141

OWNER
CRESCENT HEIGHTS

FACADE ARCHITECT
OPPENHEIM ARCHITECTURE
AND DESIGN

DRAWING

COVER
SHEET

JUSTINE VELEZ, FLORIDA LIC# LA6667391

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SHEET NUMBER

L001

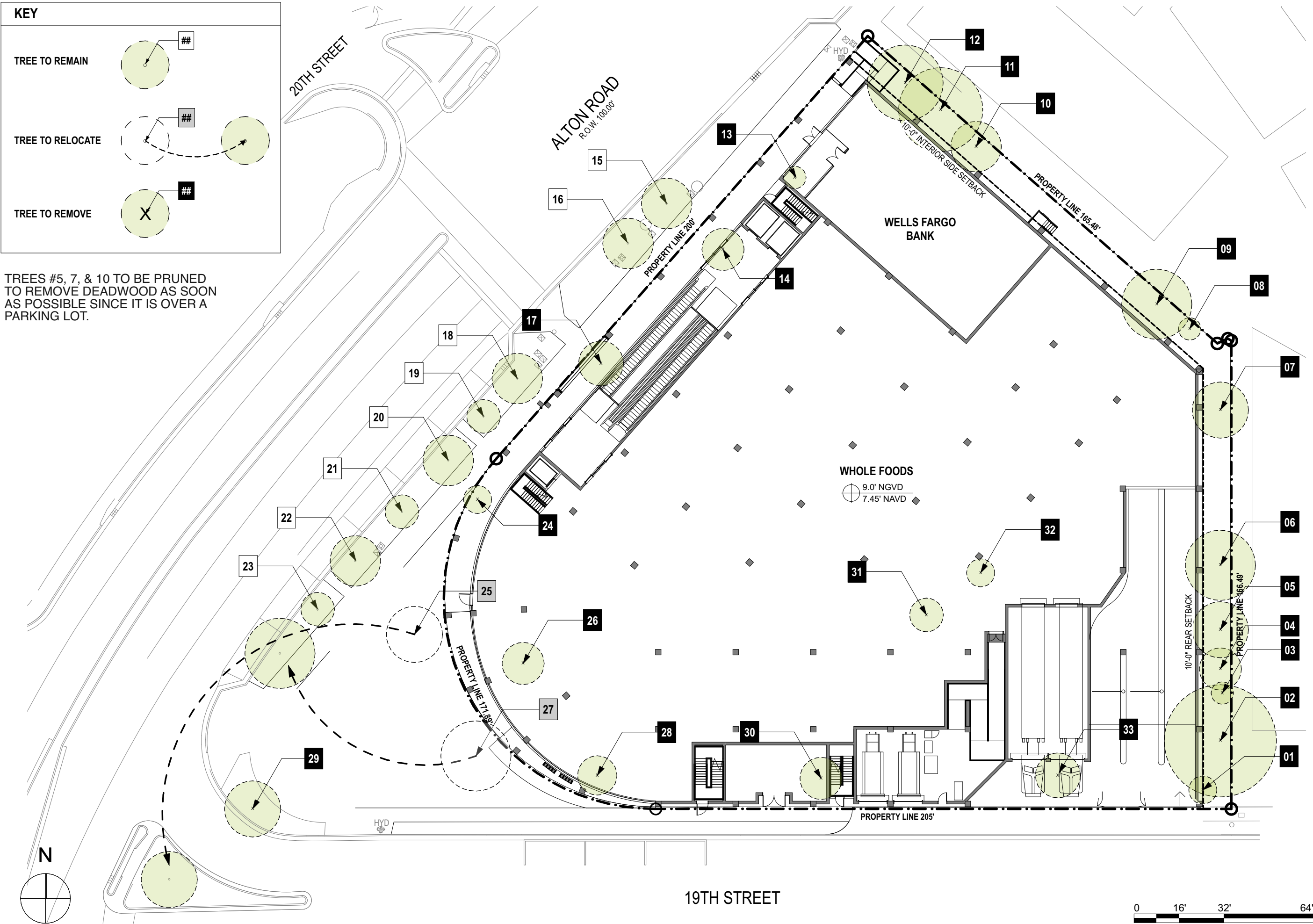
KEY

TREE TO REMAIN

TREE TO RELOCATE

TREE TO REMOVE

TREES #5, 7, & 10 TO BE PRUNED TO REMOVE DEADWOOD AS SOON AS POSSIBLE SINCE IT IS OVER A PARKING LOT.



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TREE DISPOSITION PLAN

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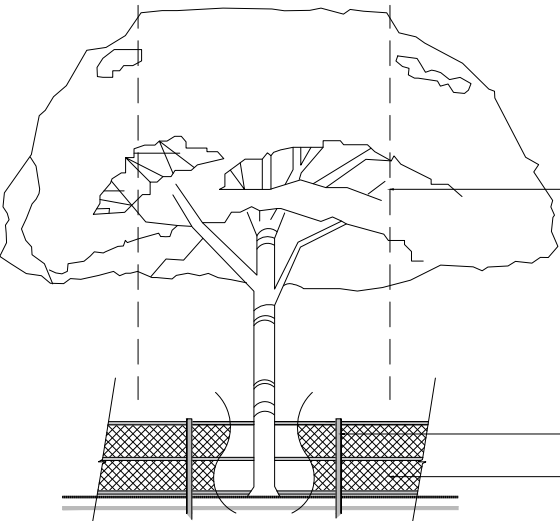
L002

Existing Tree Schedule									
Symbol	ID	Botanical Name	Common Name	DBH	Height	Spread	Native	Status	Remarks
	01	Washingtonia robusta	Mexican Fan Palm	14"	50'	10'	N	REMOVE	
	02	Acacia auriculiformis	Earleaf acacia	30"	45'	40'	N	REMOVE	Prohibited Tree*
	03	Washingtonia robusta	Mexican Fan Palm	8"	8'	8'	N	REMOVE	
	04	Acacia auriculiformis	Earleaf acacia	10.5"	30	15	N	REMOVE	Prohibited Tree*
	05	Acacia auriculiformis	Earleaf acacia	17"	33	20	N	REMOVE	LARGE DEADWOOD; PRUNE TO REMOVE DEADWOOD ASAP Prohibited Tree*
	06	Acacia auriculiformis	Earleaf acacia	12"	30'	25'	N	REMOVE	Prohibited Tree*
	07	Acacia auriculiformis	Earleaf acacia	18.5"	40'	20'	N	REMOVE	LARGE DEADWOOD; PRUNE TO REMOVE DEADWOOD ASAP Prohibited Tree*
	08	Tabebuia heterophylla	Pink Trumpet Tree	6"	20'	8'	N	REMOVE	
	09	Acacia auriculiformis	Earleaf acacia	19.5"	40'	25'	N	REMOVE	Prohibited Tree*
	10	Acacia auriculiformis	Earleaf acacia	24"	40'	18'	N	REMOVE	LARGE DEADWOOD; PRUNE TO REMOVE DEADWOOD ASAP Prohibited Tree*
	11	Acacia auriculiformis	Earleaf acacia	24"	40'	30'	N	REMOVE	Prohibited Tree*
	12	Acacia auriculiformis	Earleaf acacia	12"	40'	27'	N	REMOVE	Prohibited Tree*
	13	Washingtonia robusta	Mexican Fan Palm	16"	40'	8'	N	REMOVE	
	14	Roystonea regia	Royal Palm	14"	50'	15'	Y	REMOVE	
	15	Conocarpus erectus 'sericeus'	Silver Buttonwood	8"	15'	18'	Y	REMAIN	
	16	Conocarpus erectus 'sericeus'	Silver Buttonwood	8"	15'	18'	Y	REMAIN	
	17	Roystonea regia	Royal Palm	16"	45'	16'	Y	REMOVE	
	18	Quercus virginiana	Live Oak	6"	20'	18'	Y	REMAIN	
	19	Phoenix sylvestris	Silvester Date Palm	12"	25'	12'	N	REMAIN	
	20	Quercus virginiana	Live Oak	9"	20'	18'	Y	REMAIN	
	21	Phoenix sylvestris	Silvester Date Palm	12"	25'	12'	N	REMAIN	

Existing Tree Schedule									
Symbol	ID	Botanical Name	Common Name	DBH	Height	Spread	Native	Status	Remarks
	22	Quercus virginiana	Live Oak	6"	18'	18'	Y	REMAIN	
	23	Phoenix sylvestris	Silvester Date Palm	14"	25'	12'	N	REMAIN	
	24	Roystonea regia	Royal Palm	14"				REMOVE	
	25	Phoenix dactylifera	Date Palm	18"	28'	20'	N	RELOCATE	
	26	Sabal palmetto	Sabal Palm	13"	25'	15'	Y	REMOVE	
	27	Quercus virginiana	Live Oak	12"	30'	25'	Y	RELOCATE	
	28	Roystonea regia	Royal Palm	12.5"	40'	14'	Y	REMOVE	
	29	Veitchia arecina	Montgomery Palm 'double'	7"	25	20		REMOVE	
	30	Roystonea regia	Royal Palm	14"	50'	15'	Y	REMOVE	
	31	Waashingtonia robusta	Mexican Fan Palm	14"	40'	12'	N	REMOVE	
	32	Syagrus romanzoffiana	Queen Palm	8"	25'	10'	N	REMOVE	
	33	Roystonea regia	Royal Palm	17"	50'	16'	Y	REMOVE	

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 2"x4" POSTS WITH THREE EQUALLY SPACED 2"x4" 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

NOTE:

TREES #5, 7, & 10 TO BE PRUNED TO REMOVE DEADWOOD AS SOON AS POSSIBLE SINCE THEY ARE OVER A PARKING LOT.

EXISTING
TREE
SCHEDULE

CITY OF MIAMI BEACH
LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Zoning District CD-1 Lot Area 55,377 Acres 1.27

OPEN SPACE

- A. Square feet of required Open Space as indicated on site plan:
Lot Area = 55,377 s.f.x 5.98 % = 3,312 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= 3,312 % x 20% s.f.

TREES

- A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements=
22 trees x 1.27 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.)
576.96 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%=

NOTE:
Street Trees will comply with Florida Fancy requirements. All other planting materials shall meet or exceed Florida Grade # 1 as specified in Grades and Standards for Nursery Plants and Part II, Palms and Trees, current edition

TOTAL TREES AND PALMS TO BE REMOVED

TREES

183" DBH
1 Tabebuia heterophylla
9 Acacia auriculiformis (prohibited tree)

REQUIRED MITIGATION

60 SMALL TREES (2" DBH x 6' SPREAD x 12' HEIGHT) OR,
30 LARGE TREES (4" DBH x 8' SPREAD x 16' HEIGHT) OR,
\$60,000 CONTRIBUTION TO TREE TRUST FUND

PALMS

4 Washingtonia robusta
6 Roystonea regia
1 Veitchia arecina
1 Syagrus romanzoffiana
1 Sabal Palm

Sec. 46-61. (c) The removal of a palm shall be replaced with one canopy tree at 12 feet overall height with a two-inch DBH.

REQUIRED MITIGATION

13 SMALL TREES (2" DBH x 12' HEIGHT) OR,
6.5 LARGE TREES (4" DBH x 16' HEIGHT) OR,
\$13,000 CONTRIBUTION TO TREE TRUST FUND

PROPOSED TREES. SEE PLANTING PLANS

SMALL TREES: 7
7 Annona glabra

LARGE TREES: 41
6 Coccoloba diversifolia *
5 Illex cassine *
5 Pimenta racemosa *
8 Conocarpus erectus *
5 Conocarpus erectus sericeus *
12 Taxodium distichum *

* = Native trees

REQUIRED MITIGATION
73 SMALL TREES

TOTAL PROPOSED
7 SMALL TRESS + 41 LARGE TREES
(89 SMALL TREES EQUIVALENT)

EXCEEDING BY 16 SMALL TREES OR 8 LARGE TREES EQUIVALENT



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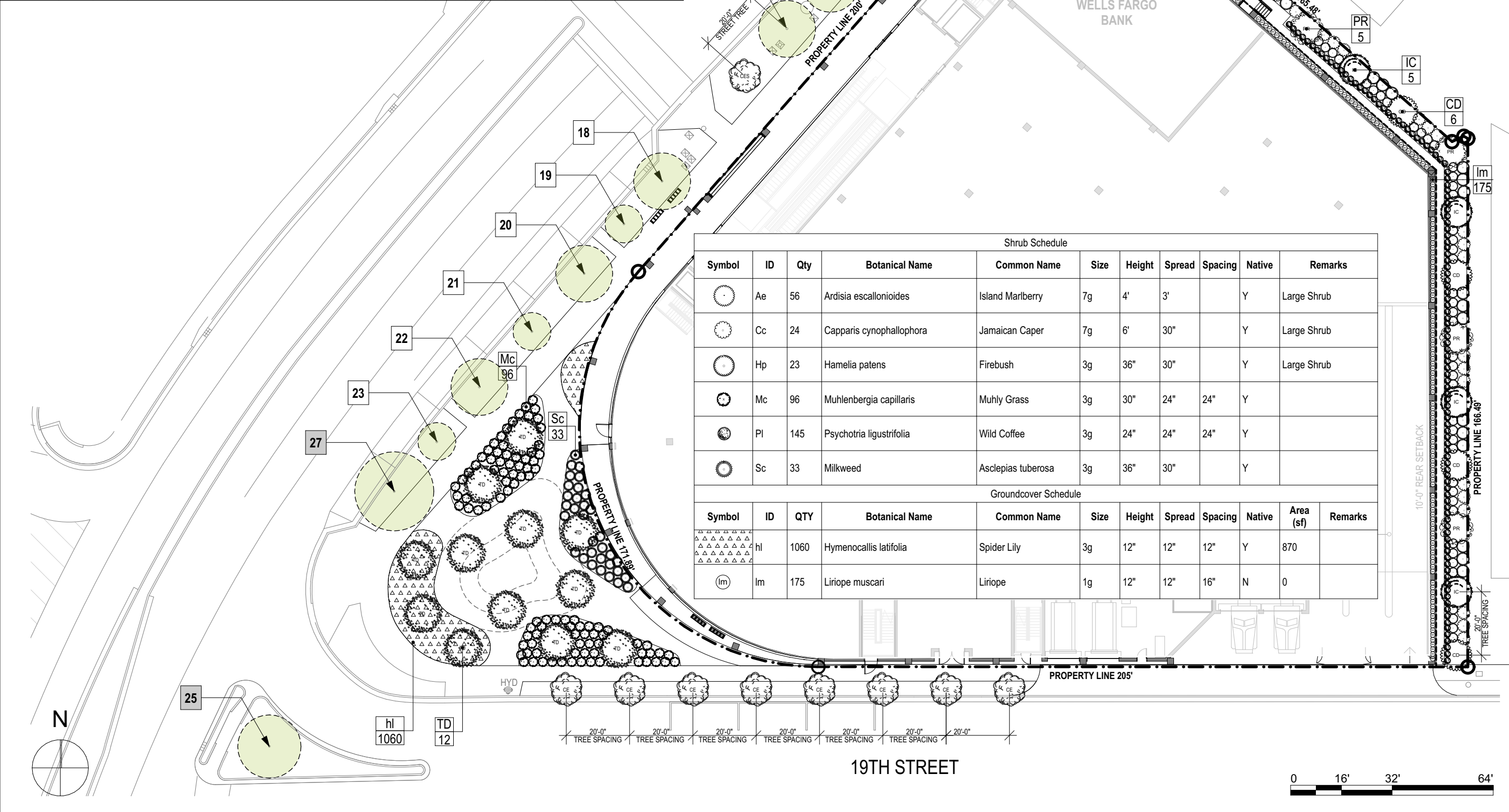
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SHEET NUMBER

L004

Tree Schedule									
Symbol	ID	Qty	Botanical Name	Common Name	DBH	Height	Spread	Native	Remarks
	CD	6	Coccoloba diversifolia	Pigeon Plum	4"	16' min	10'	Y	Standard Trunk
	CE	8	Conocarpus erectus	Green Buttonwood	4"	16' min	10'	Y	Florida Fancy - Street Tree - Standard Trunk
	CES	5	Conocarpus erectus 'serica'	Silver Buttonwood	4"	16' min	10'	Y	Florida Fancy - Street Tree - Standard Trunk
	IC	5	Ilex cassine	Dahoon Holly	4"	16' min	10'	Y	Standard Trunk
	PR	5	Pimenta racemosa	Bayrum Tree	4"	16' min	8'	Y	Standard Trunk
	TD	12	Taxodium distichum	Bald Cypress	4"	16' min	10'	Y	Florida Fancy - Street Tree - Standard Trunk



Shrub Schedule											
Symbol	ID	Qty	Botanical Name	Common Name	Size	Height	Spread	Spacing	Native	Remarks	
	Ae	56	Ardisia escallonioides	Island Marberry	7g	4'	3'		Y	Large Shrub	
	Cc	24	Capparis cynophallophora	Jamaican Caper	7g	6'	30"		Y	Large Shrub	
	Hp	23	Hamelia patens	Firebush	3g	36"	30"		Y	Large Shrub	
	Mc	96	Muhlenbergia capillaris	Muhly Grass	3g	30"	24"	24"	Y		
	PI	145	Psychotria ligustrifolia	Wild Coffee	3g	24"	24"	24"	Y		
	Sc	33	Milkweed	Asclepias tuberosa	3g	36"	30"		Y		
Groundcover Schedule											
Symbol	ID	QTY	Botanical Name	Common Name	Size	Height	Spread	Spacing	Native	Area (sf)	Remarks
	hl	1060	Hymenocallis latifolia	Spider Lily	3g	12"	12"	12"	Y	870	
	Im	175	Liriope muscari	Liriope	1g	12"	12"	16"	N	0	

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PLAN

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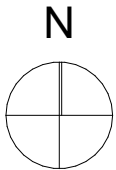
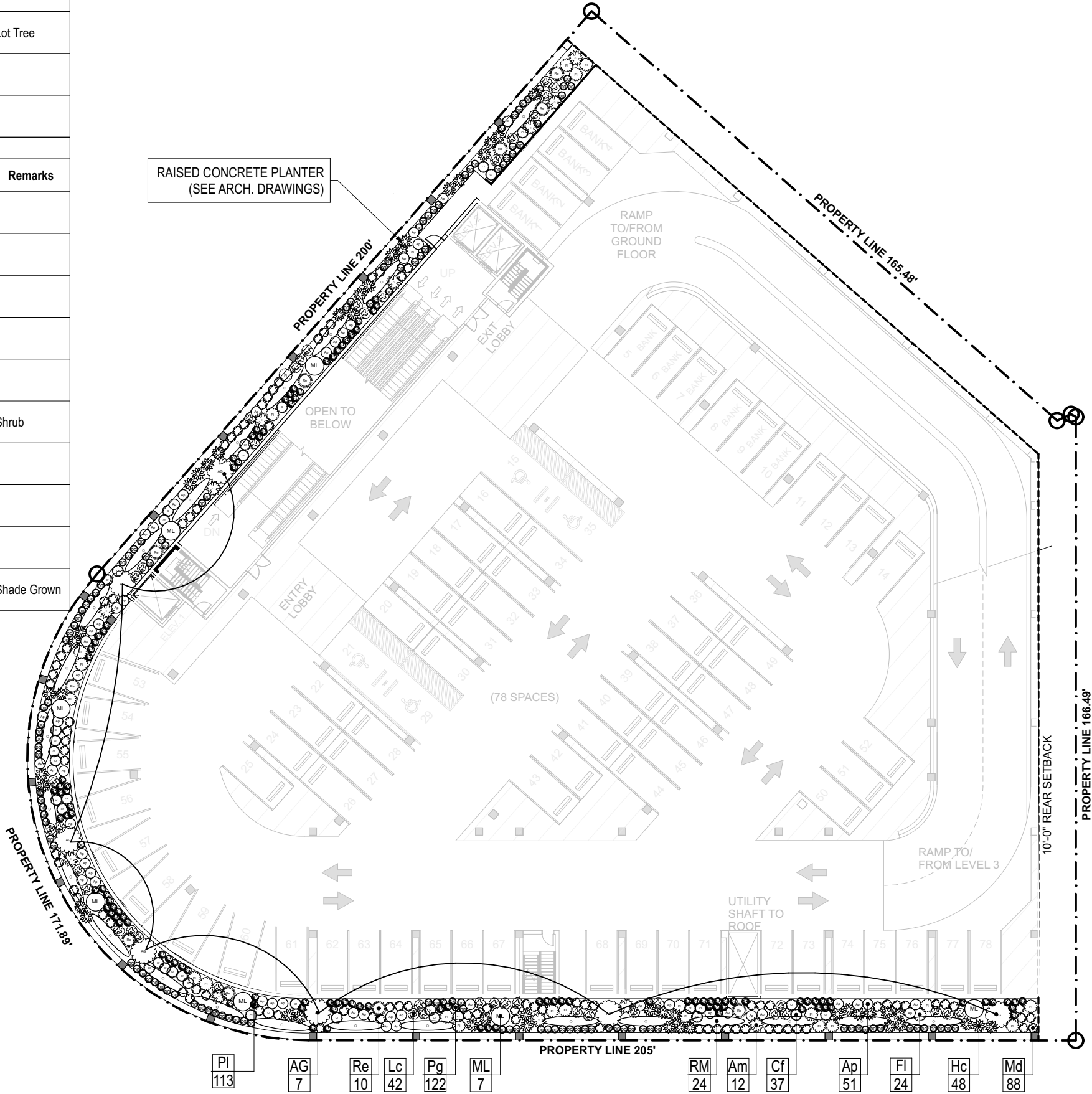
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L200

2nd Level Tree Schedule									
Symbol	ID	Qty	Botanical Name	Common Name	DBH	Height	Spread	Native	Remarks
	AG	7	Annona glabra	Pond Apple Tree	2.5"	12'	6'	Y	Lot Tree
	ML	7	Polyalthia longifolia 'Upright'	Mast Tree		10'	4'	N	
	RM	24	Ravenala madagascariensis	Traveller Tree		15'	12'	N	
2nd Level Shrub Schedule									
Symbol	ID	Qty	Botanical Name	Common Name	Size	Height	Spread	Native	Remarks
	Am	12	Alocasia macrorrhiza	Black Stem Elephant Ear	7g			N	
	Ap	51	Alpinia purpurata 'Pink'	Pink Ginger	15g	5'		N	
	Cf	37	Cordyline fruticosa 'Pink Diamond'	Pink Diamond Cordyline	7g	30"	30"	N	
	Fl	24	Ficus lyrata	Fiddle Leaf Fig	7g			N	
	Hc	48	Heliconia caribaea x bihai 'Jacquini'	Heliconia caribaea x bihai 'Jacquini'		8'		N	
	Lc	42	Leea coccinea 'Rubra'	West Indian Holly	7g	36"	30"	N	Shrub
	Md	88	Monstera deliciosa	Swiss Cheese Vine	7g	4'	3'	N	
	Pg	122	Philodendron gloriosum	Philodendron gloriosum	3g	2'	2'	N	
	Pl	113	Psychotria ligustrifolia	Wild Coffee	3g	24"	24"	Y	
	Re	10	Rhapis excelsa	Lady Palm		6'		N	Shade Grown



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2ND LEVEL PLANTING PLAN

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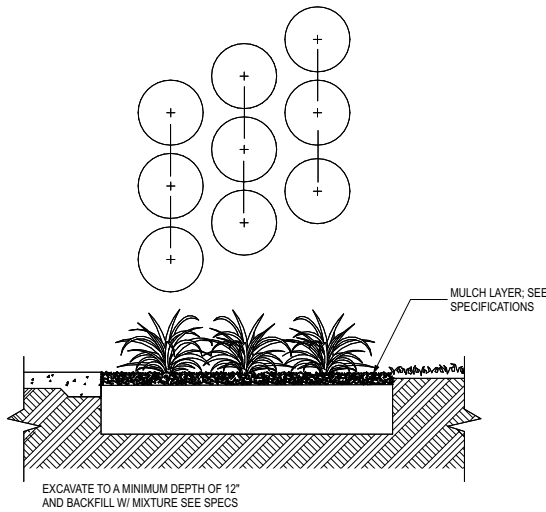
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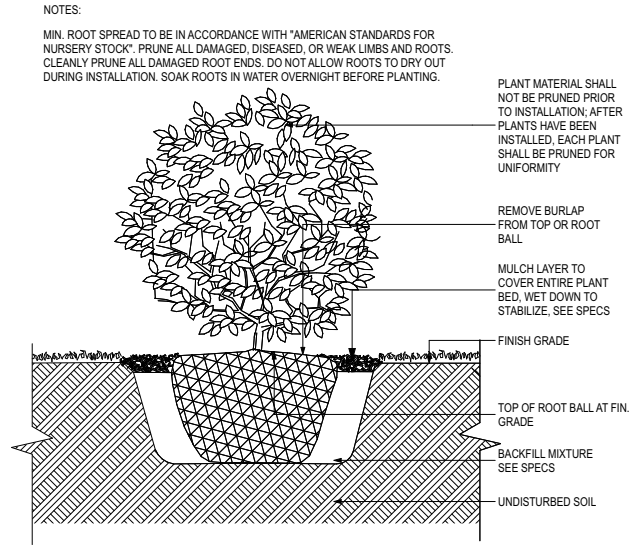
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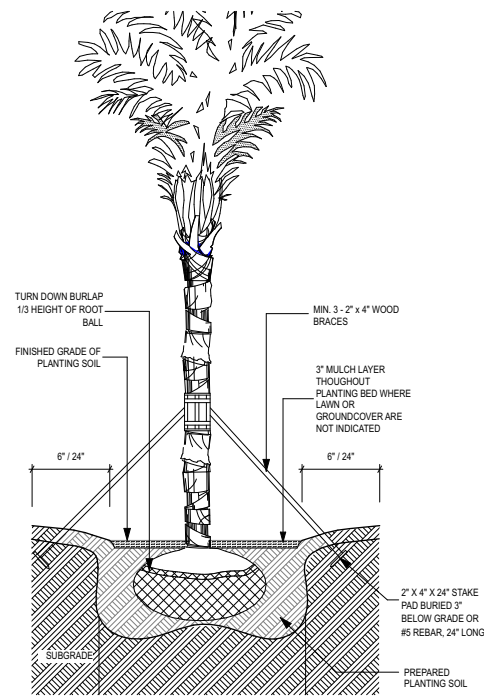
SHEET NUMBER
L201



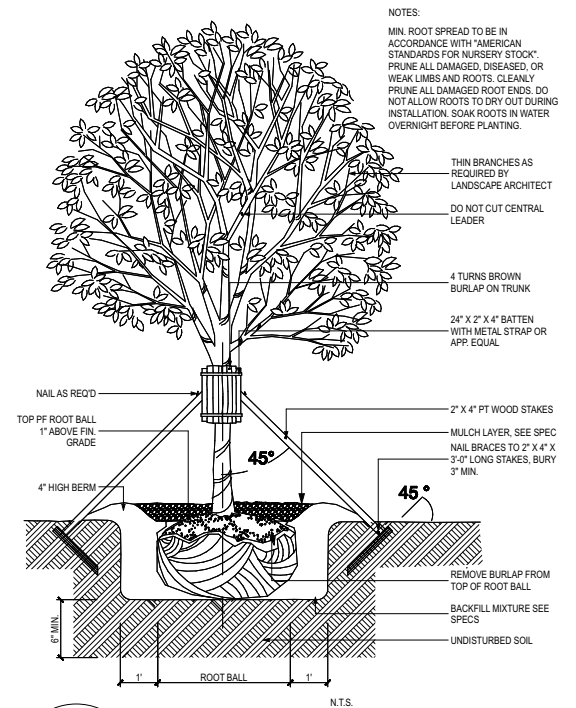
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L202
GROUNDCOVER SPACING DETAIL
NOT TO SCALE



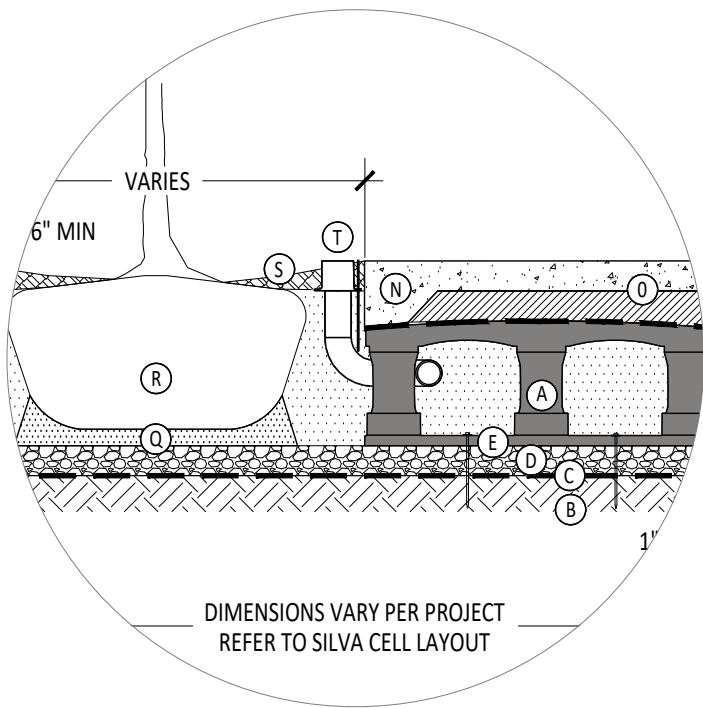
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L202
SHRUB DETAIL
NOT TO SCALE



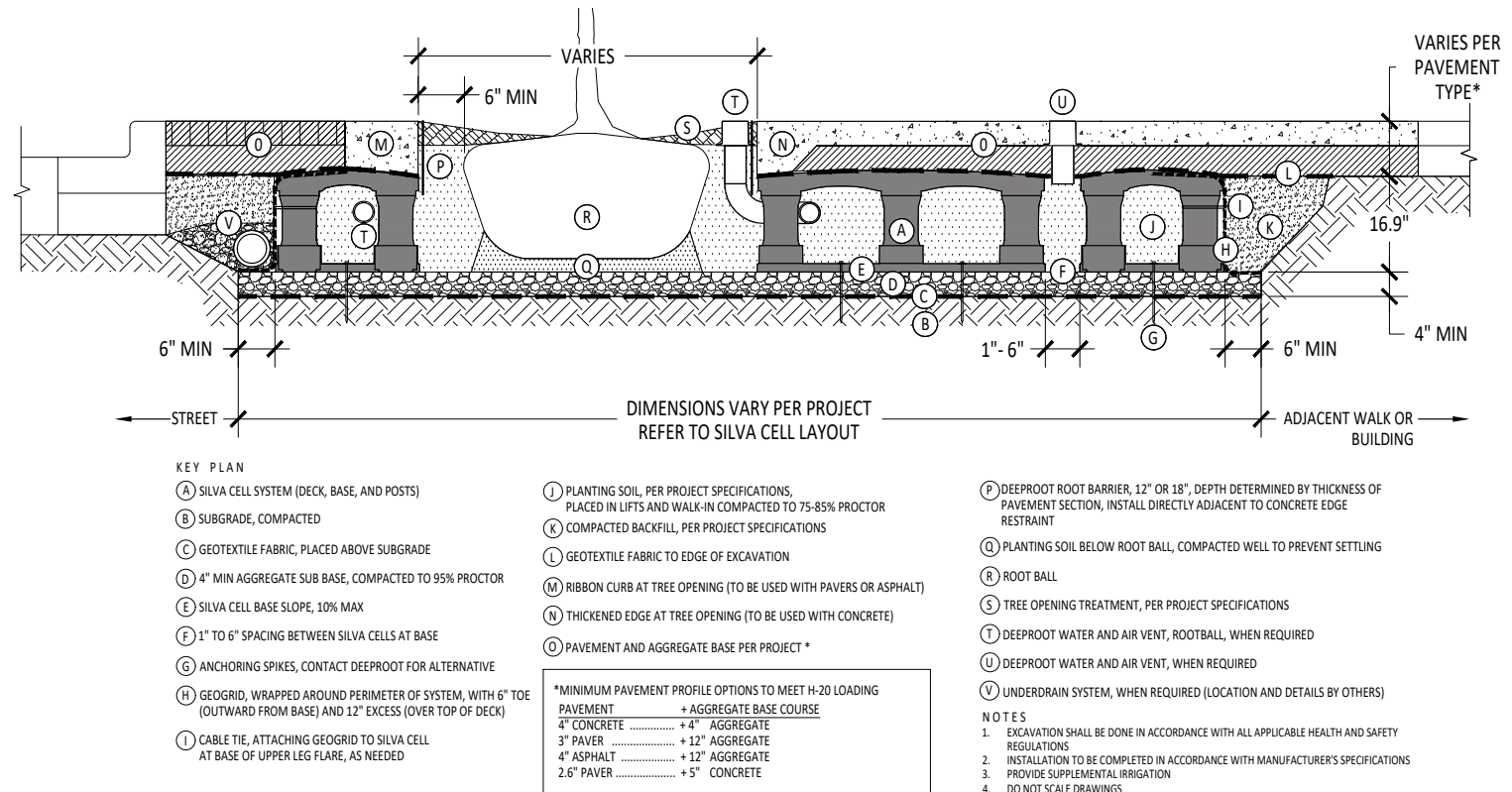
3
L202
PALM PLANTING DETAIL
NOT TO SCALE



2
L202
LARGE TREE STAKE DETAIL
NOT TO SCALE



1A
L202
TYPICAL SILVA CELL DETAIL
NOT TO SCALE



1
L202
TYPICAL SILVA CELL DETAIL
NOT TO SCALE

LIGHTING LEGEND				
IMAGE	SYMBOL	MANUFACTURER	MODEL	QUANTITY
		Louis Poulsen	Albertslund Maxi Post	12

