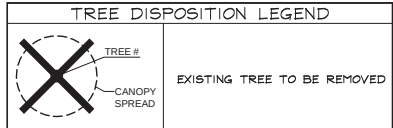


Plotted By: Fecio, Stephen Sheet: MONAD TERRACE Layout: L-000 TREE DISPOSITION PLAN Date: March 10, 2016 06:16:39pm K:\WPB\URG\043709002 - monad terrace\CAD\plansheets\L-000 TREE DISPOSITION PLAN.dwg D E

MONAD TERRACE TREE DISPOSITION PLAN							
No.	BOTANICAL NAME	COMMON NAME	DBH(in)	HEIGHT (FT)	SPREAD (FT)	CANOPY (SF)	DISPOSITION
1	<i>Phoenix roebellii</i>	Pygmy Date Palm	10	6	6	28	REMOVE
2	<i>Washingtonia robusta</i>	Washingtonian Palm	6	4	4	13	REMOVE
3	<i>Washingtonia robusta</i>	Washingtonian Palm	10	8	8	50	REMOVE
4	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
5	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
6	<i>ptychosperma elegans</i>	Alexander Palm	10	4	4	13	REMOVE
7	<i>Washingtonia robusta</i>	Washingtonian Palm	5	4	4	13	REMOVE
8	<i>Washingtonia robusta</i>	Washingtonian Palm	50	15	15	177	REMOVE
9	<i>Washingtonia robusta</i>	Washingtonian Palm	55	15	15	177	REMOVE
10		Palm Cluster	15	18	18	254	REMOVE
11		Palm Cluster	15	15	15	177	REMOVE
12		Palm Cluster	15	10	10	79	REMOVE
13		Palm Cluster	12	12	12	113	REMOVE
14	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
15	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
16	<i>Swietenia mahogani</i>	Mahogany	15	15	15	177	REMOVE
17	<i>Cocos nucifera</i>	Coconut Palm	6	18	15	177	REMOVE
18		Palm Cluster	15	15	15	177	REMOVE
19	<i>Cocos nucifera</i>	Coconut Palm	15	15	15	177	REMOVE
20	<i>Sabal palmetto</i>	Sabal Palm	18	15	15	177	REMOVE
21		Palm Cluster	15	15	15	177	REMOVE
22	<i>Cocos nucifera</i>	Coconut Palm	15	15	15	177	REMOVE
23		Cactus	5	6	6	28	REMOVE
24		Palm Cluster	15	15	15	177	REMOVE
25	<i>Coccoloba uvifera</i>	Seagrape	24	20	20	314	REMOVE
26	<i>Cocos nucifera</i>	Coconut Palm	24	20	20	314	REMOVE
27	<i>Cocos nucifera</i>	Coconut Palm	24	20	20	314	REMOVE
28	<i>Sabal palmetto</i>	Sabal Palm	18	18	18	254	REMOVE
29	<i>Sabal palmetto</i>	Sabal Palm	18	18	18	254	REMOVE
30	<i>Cocos nucifera</i>	Coconut Palm	20	20	20	314	REMOVE
31	<i>Coccoloba uvifera</i>	Seagrape	18	19	18	254	REMOVE
32	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
33	<i>Cocos nucifera</i>	Coconut Palm	16	16	16	201	REMOVE
34	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
35	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
36	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
37	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
38	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
39	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
40	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
41	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
42	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
43	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
44	<i>Cocos nucifera</i>	Coconut Palm	20	20	20	314	REMOVE
45	<i>Roystonea regia</i>	Royal Palm (Double)	12	12	12	113	REMOVE
46	<i>Roystonea regia</i>	Royal Palm (Triple)	12	12	12	113	REMOVE
47	<i>Roystonea regia</i>	Royal Palm (Triple)	12	12	12	113	REMOVE
48	<i>Roystonea regia</i>	Royal Palm (Triple)	12	12	12	113	REMOVE

MONAD TERRACE TREE DISPOSITION PLAN							
No.	BOTANICAL NAME	COMMON NAME	DBH(in)	HEIGHT (FT)	SPREAD (FT)	CANOPY (SF)	DISPOSITION
49	<i>Roystonea regia</i>	Royal Palm (Triple)	12	12	12	113	REMOVE
50	<i>Roystonea regia</i>	Royal Palm (Triple)	12	12	12	113	REMOVE
51	<i>Roystonea regia</i>	Royal Palm (Triple)	12	12	12	113	REMOVE
52	<i>Roystonea regia</i>	Royal Palm (Triple)	12	12	12	113	REMOVE
53	<i>Roystonea regia</i>	Royal Palm (Triple)	12	12	12	113	REMOVE
54	<i>Cocos nucifera</i>	Coconut Palm	8	8	8	50	REMOVE
55	<i>Cocos nucifera</i>	Coconut Palm	8	8	8	50	REMOVE
56	<i>Cocos nucifera</i>	Coconut Palm	20	20	20	314	REMOVE
57	<i>Cocos nucifera</i>	Coconut Palm	20	20	20	314	REMOVE
58	<i>Cocos nucifera</i>	Coconut Palm	15	15	15	177	REMOVE
59	<i>Cocos nucifera</i>	Coconut Palm	15	15	15	177	REMOVE
60	<i>Cocos nucifera</i>	Coconut Palm	12	12	12	113	REMOVE
61		Palm Cluster	12	12	12	113	REMOVE
62	<i>Roystonea regia</i>	Royal Palm	28	22	22	380	REMOVE
63	<i>Roystonea regia</i>	Royal Palm (Triple)	15	15	15	177	REMOVE
64	<i>Roystonea regia</i>	Royal Palm	15	15	15	177	REMOVE
65	<i>Roystonea regia</i>	Royal Palm	15	15	15	177	REMOVE
66	<i>Cocos nucifera</i>	Coconut Palm	20	25	25	491	REMOVE
67	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
68	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
69	<i>Roystonea regia</i>	Royal Palm	8	8	8	50	REMOVE
70	<i>Cocos nucifera</i>	Coconut Palm	15	15	15	177	REMOVE
71	<i>Roystonea regia</i>	Royal Palm	12	12	12	113	REMOVE
72	<i>Cocos nucifera</i>	Coconut Palm	12	12	12	113	REMOVE
73		Palm Cluster	18	15	15	177	REMOVE
74	<i>Cocos nucifera</i>	Coconut Palm	25	20	20	314	REMOVE
75	<i>Cocos nucifera</i>	Coconut Palm	10	10	10	79	REMOVE
76	<i>Cocos nucifera</i>	Coconut Palm	25	25	25	491	REMOVE
77	<i>Cocos nucifera</i>	Coconut Palm	20	20	20	314	REMOVE
78	<i>Cocos nucifera</i>	Coconut Palm	20	20	20	314	REMOVE
79	<i>Cocos nucifera</i>	Coconut Palm	15	15	15	177	REMOVE
80		Palm Cluster	15	15	15	177	REMOVE
81		Palm Cluster	15	15	15	177	REMOVE
82		Palm Cluster	15	15	15	177	REMOVE
83	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
84	<i>Cocos nucifera</i>	Coconut Palm	15	15	15	177	REMOVE
85	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
86	<i>Cocos nucifera</i>	Coconut Palm	18	15	15	177	REMOVE
87	<i>Roystonea regia</i>	Royal Palm	10	10	10	79	REMOVE
88		Palm Cluster	10	10	10	79	REMOVE
89		Palm Cluster	10	10	10	79	REMOVE
90		Palm Cluster	12	10	10	79	REMOVE
91		Palm Cluster				0	REMOVE
92	<i>Coccoloba uvifera</i>	Seagrape	7	20	20	314	REMOVE
93	<i>Roystonea regia</i>	Royal Palm	23	25	25	491	REMOVE
94		Palm Cluster	15	10	10	79	REMOVE
95	<i>Bambuseae</i>	Bamboo	12	15	15	177	REMOVE
96	<i>Mangifera indica</i>	Mango	10	15	15	177	REMOVE



TREE DISPOSITION SUMMARY	
TREES TO BE REMOVED	7
PALMS TO BE REMOVED	84
CANOPY TO BE REMOVED	15,947 SF

NOTES:
A WRITTEN TREE REMOVAL PERMIT IS REQUIRED FROM THE CITY OF MIAMI BEACH PRIOR TO REMOVAL OF ANY TREES OR PALMS FROM THIS SITE.
SEE SHEET L-100 FOR MITIGATION CALCULATION AND REPLACEMENT LOCATIONS

CALL 48 HOURS BEFORE YOU DIG
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MCNAMARA - SALVIA
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ENGINEERS
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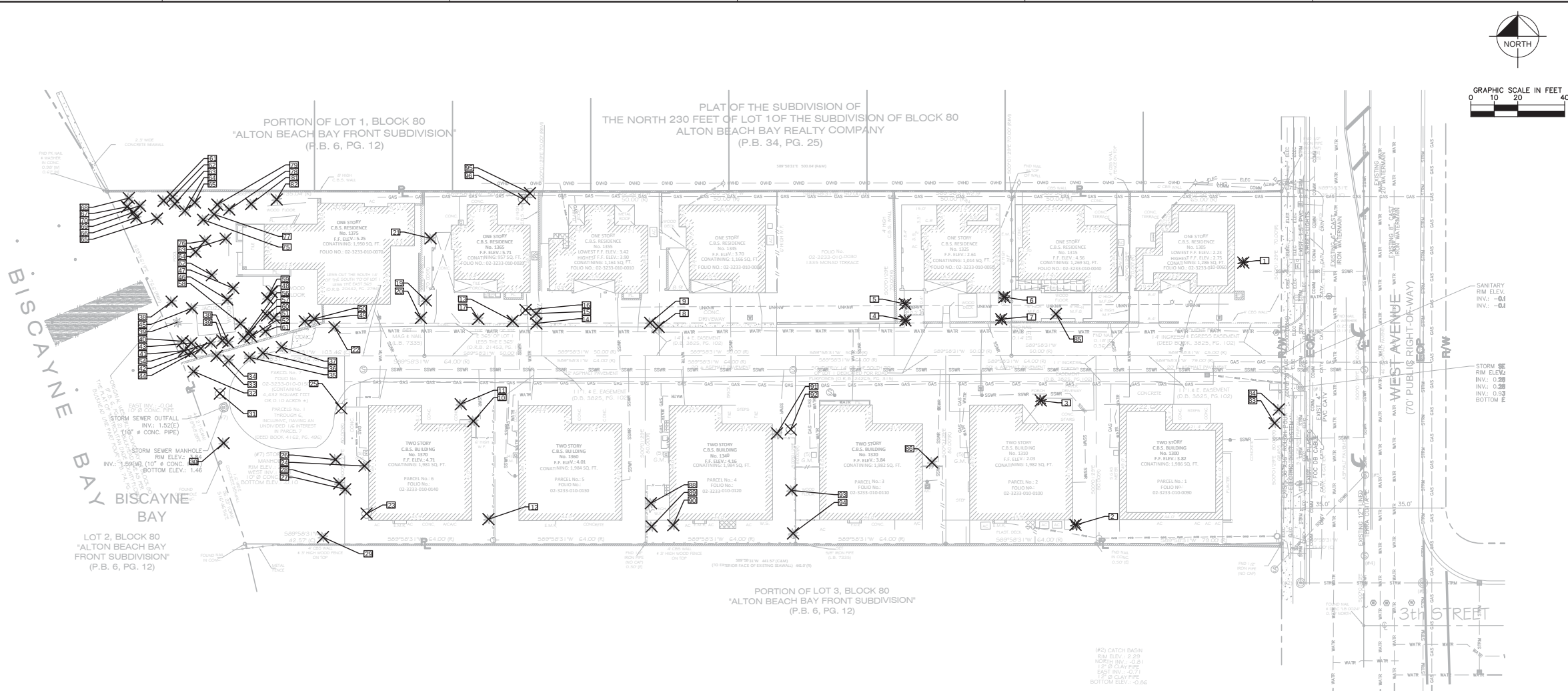
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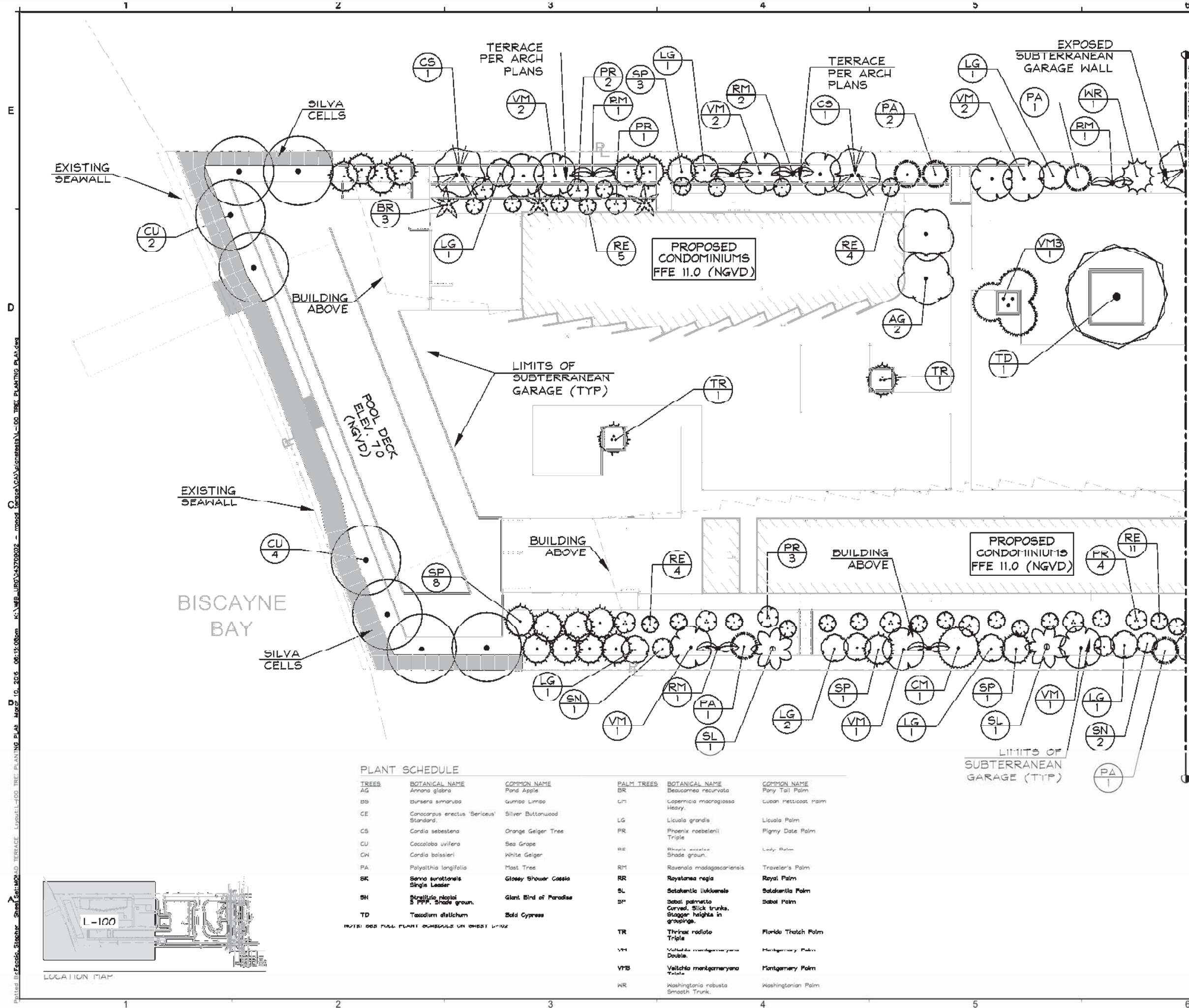
03/11/2016
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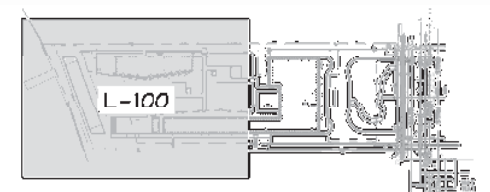
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PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	PALM TREES	BOTANICAL NAME	COMMON NAME
AG	Artocarpus glabra	Pond Apple	BR	Beaucarnea recurvata	Pony Tail Palm
BS	Bumelia sinuata	Gumbo Limbo	CM	Copernicia macroglossa	Cuban Mattucos Palm
CE	Conocarpus erectus 'Sericeus'	Silver Buttonwood	LG	Licuala grandis	Licuala Palm
CS	Cordia sebestena	Orange Gelier Tree	PR	Phoenix roebelenii	Palm Date Palm
CU	Coccoloba uvifera	Sea Grape	RE	Rapanea hederacea	Lady Palm
CH	Cordia alliodora	White Gelier	RM	Ravenea madagascariensis	Traveler's Palm
PA	Palmetto longifolia	Moss Tree	RR	Ravenea regalis	Royal Palm
SK	Scaevola taccada	Glossy Shower Cassia	SL	Sabal palmetto	Sabal Palm
SN	Strelitzia reginae	Giant Bird of Paradise	SP	Strelitzia reginae	Sabal Palm
TD	Taxodium distichum	Bald Cypress	TR	Thrinax parvifolia	Florida Thatch Palm
			VM	Valisneria spiralis	Watercress Palm
			VM3	Valisneria spiralis	Watercress Palm
			WR	Washingtonia robusta	Washingtonian Palm



REVISIONS / SUBMISSIONS

2018-02-18 DRB COMMENTS

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DRAWN BY: SP

DATE: 02/10/2018

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Printed By: Fecido, Stephen Sheet: Set: MONAD TERRACE Layout: L-102 TREE PLANTING DETAILS March 10, 2016 04:09:34pm K:\WPB\JRS\043749002 - monad terrace\CAD\landscape\L-100 TREE PLANTING PLAN.dwg

MIAMI-DADE TREE MITIGATION SUMMARY	
REPLACEMENT TREES - ALL REPLACEMENT TREE CALCULATIONS ARE PER SECTION 24-49.4 OF THE MIAMI-DADE CODE OF ORDINANCES	
REQUIRED CANOPY TO BE REPLACED (PER SHEET L-000)	15,977 SF
CATEGORY 1 REPLACEMENT SHADE TREES: MIN 12' HT AT THE TIME OF PLANTING AND AT MATURITY SHOULD HAVE A CANOPY COVERAGE OF 500SF UNDER NORMAL GROWING CONDITIONS. (500 SF CANOPY CREDIT PER TREE)	9,500 SF
(6) GUMBO LIMBOS @ 8' CAL, 20' HT X 7' SPR (6 X 500 = 3,000 SF) (10) SEA GRAPES @ 4' CAL, 14' HT X 6' SPR (10 X 500 = 5,000 SF) (2) GLOSSY SHOWER CASSIA @ 2.5' CAL, 14' HT X 6' SPR (2 X 500 = 1,000 SF) (1) BALD CYPRESS @ 2.5' CAL, 12' HT X 4' SPR (1 X 500 = 500 SF)	
CATEGORY 2 REPLACEMENT SHADE TREES: MIN 8' HT AT THE TIME OF PLANTING AND AT MATURITY SHOULD HAVE A CANOPY COVERAGE OF 300SF UNDER NORMAL GROWING CONDITIONS. (300 SF CANOPY CREDIT PER TREE)	2,400 SF
(2) POND APPLES @ 2' CAL, 8' HT X 3' SPR (2 X 300 = 600 SF) (2) SILVER BUTTWOODS @ 2' CAL, 10' HT X 4' SPR (2 X 300 = 600 SF) (7) CRANIE GEIGERS @ 2' CAL, 12' HT X 5' SPR (7 X 300 = 2,100 SF) (2) WHITE GEIGERS @ 2' CAL, 10' HT X 5' SPR (2 X 300 = 600)	
SMALL REPLACEMENT TREES: MIN 6' HT AT THE TIME OF PLANTING AND AT MATURITY SHOULD HAVE A CANOPY COVERAGE OF 200SF UNDER NORMAL GROWING CONDITIONS. (200 SF CANOPY CREDIT PER TREE)	2,400 SF
(7) MAST TREES @ 6' HT (7 X 300 = 2,100 SF) (5) GIANT BIRD OF PARADISE @ 6' HT (5 X 300 = 1,500 SF)	
CATEGORY 1 REPLACEMENT PALM: MIN 10' HT AT THE TIME OF PLANTING AND AT MATURITY SHOULD HAVE A CANOPY COVERAGE OF 300 SF UNDER NORMAL GROWING CONDITIONS. (300 SF CANOPY CREDIT PER TREE)	16,800 SF
(9) TRAVELER'S PALMS @ 12' HT (9 X 300 = 2,700 SF) (6) ROYAL PALMS @ 10' G.W. (6 X 300 = 1,800 SF) (22) SABAL PALMS @ 10-25' OAH (22 X 300 = 6,600 SF) (14) DOUBLE MONTGOMERY PALMS @ 25' HT (14 X 300 = 4,200 SF) (3) TRIPLE MONTGOMERY PALMS @ 24' HT (3 X 300 = 900 SF) (2) WASHINGTONIAN PALM @ 30' HT (2 X 300 = 600 SF)	
CATEGORY II REPLACEMENT PALM: MIN 3' HT AT THE TIME OF PLANTING AND AT MATURITY SHOULD HAVE A CANOPY COVERAGE OF 100SF UNDER NORMAL GROWING CONDITIONS. (100 SF CANOPY CREDIT PER TREE)	7,700 SF
(5) PONY TAIL PALMS @ 4' HT (5 X 100 = 500 SF) (4) CUBAN PETTICOAT PALMS @ 6' HT (4 X 100 = 400 SF) (12) UGUALA PALMS @ 4' HT (12 X 100 = 1,200 SF) (13) PYGMY DATE PALMS @ 8' HT (13 X 100 = 1,300 SF) (37) LADY PALMS @ 4' HT (37 X 100 = 3,700 SF) (6) FLORIDA THATCH PALMS @ 8' HT (6 X 100 = 600 SF)	
TOTAL TREE REPLACEMENT CANOPY PROVIDED	40,500 SF

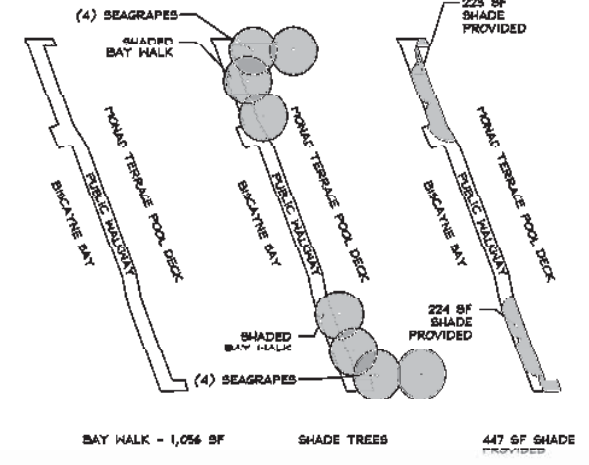
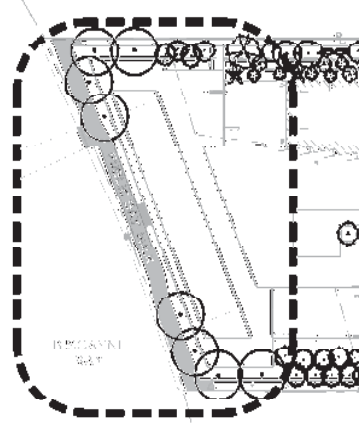
MIAMI BEACH LANDSCAPE CODE COMPLIANCE		
CODE COMPLIANCE PER CHAPTER 126 OF THE MIAMI BEACH CODE OF ORDINANCES		
PROJECT AREA: 70,350 SF (1.61 ACRES)		
ZONING: RM-3	REQUIRED	PROVIDED
SEC 126-6 - LANDSCAPE CRITERIA		
126-6.1.a - SURFACE/GROUND TREATMENT ONE CANOPY TREE OR GROUPING OF THREE PALMS SHALL BE PROVIDED EVERY 25 LF OF FRONTAGE IN A REQUIRED YARD ABUTTING A PUBLIC RIGHT OF WAY. EAST (WEST AVE) - 150 LF / 25' = 6 TREES	6	6
126-6.1.b - HEDGES IN REQUIRED FRONT YARDS HEDGES, GROUND COVER, VINES, AND 600 MAY BE PLACED IN THE REQUIRED YARDS.	☐	☒ (SEE SHEET L-L-103)

PLANT SCHEDULE - TREES

TREES	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	QTY.
AG	Annona glabra	Pond Apple	25 gal	2" Cal.	8' H X 5' SPR	2
BS	Bursera simaruba	Gumbo Limbo	B & B	8" Cal.	20' HT X 7' SPR	6
CE	Conocarpus erectus 'Sericeus'	Silver Buttonwood	B & B	2" Cal.	10' HT x 4' SPR	2
CS	Cordia sebestena	Orange Geiger Tree	B & B	2" Cal.	12' HT x 5' SPR	7
CU	Coccoloba uvifera	Sea Grape	B & B	4" Cal.	14' HT X 6' SPR	10
CW	Cordia alliodora	White Geiger	B & B	2" Cal.	10' HT X 5' SPR	2
PA	Polypathia longifolia	Mast Tree	25 gal		6' HT	7
SK	Senna surattensis	Glossy Shower Cassia	45 gal	2.5" Cal.	14' HT X 6' SPR	2
BN	Streptocarpus	Giant Bird of Paradise	10 gal	As shown	8' HT	5
TD	Taxodium distichum	Bald Cypress	B & B	2.5" Cal.	12' HT x 4' SPR	1
PALM TREES						
TREES	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	QTY.
BR	Beccaronea recurvata	Pony Tail Palm	25 gal		6' HT	5
CM	Cymodocea monoglossa	Cuban Buttonwood Palm	10 gal		8' HT	4
LG	Livistona grandis	Livistona Palm	25 gal		4' HT	12
PR	Phoenix roebelenii	Pigmy Date Palm	F.G.		8' HT	15
RE	Rhapis excelsa	Lady Palm	7 cal		4' HT	37
RM	Ravenala madagascariensis	Traveler's Palm	25 gal		12' HT X 5' SPR	9
RM	Roystonea regia	Royal Palm	F.G.		10' HT	8
SL	Sotakentia likiepensis	Sotakentia Palm	F.G.		5' G.W.	12
SP	Sabal palmetto	Sabal Palm	F.G.		10'-25' wd.	22
TR	Thrinax parvifolia	Florida Thatch Palm	15 gal		8' HT	6
VM	Veitchia montgomeryana	Montgomery Palm	F.G.		25' HT	14
VM	Veitchia montgomeryana	Montgomery Palm	F.G.		20' GA	3
WR	Washingtonia robusta	Washingtonian Palm	F.G.		30' HT	2

NOTE:

1. REFER TO SHEET L-103 FOR SHRUB, GROUND COVER, AND AQUATICS PLANTING PLAN.
2. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
3. PLANT SIZES LISTED ARE THE MINIMUM SIZE THAT WILL BE ACCEPTED FOR THAT PLANT.
4. ANY SUBSTITUTION IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND/OR OWNERS REPRESENTATIVE BEFORE PLANTING CAN BEGIN.
5. CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
6. THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS.
7. CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
8. ALL NEW AND TRANSPLANTED PLANT MATERIAL SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.



SHORELINE DEVELOPMENT CODE COMPLIANCE		
SHORELINE DEVELOPMENT REVIEW MANUAL, SECTION 9, ITEM 4		
TREES SHALL BE PLANTED IN THE SHORELINE WALKWAY AREA TO PROVIDE A MINIMUM PERCENTAGE OF 40% OF SHADE CANOPY. THIS MAY BE ACCOMPLISHED USING INDIVIDUAL TREES OR COMBINANCE OF TREES.		
	REQUIRED	PROVIDED
PUBLIC BAY WALK - 1,000 SF X 40% = 400 SF	422 SF	447 SF

REVISIONS / SUBMISSIONS
2016-02-19 DRB COMMENTS

1519

MONAD TERRACE
1300 MONAD TERRACE
MIAMI BEACH, FLORIDA 33139

TREE PLANTING
DETAILS

ATELIER
JEAN NOUVEL

KIMLEY-HORN

MCNAMARA - SALVIA
STRUCTURAL
ENGINEERS

EDWARDS &
ZUCK, LLC.

MONAD TERRACE
PROPERTY OWNER LLC.

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03/11/2016
JONATHAN D. HUGH, PLA
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INTERIOR DESIGN
PLANNING

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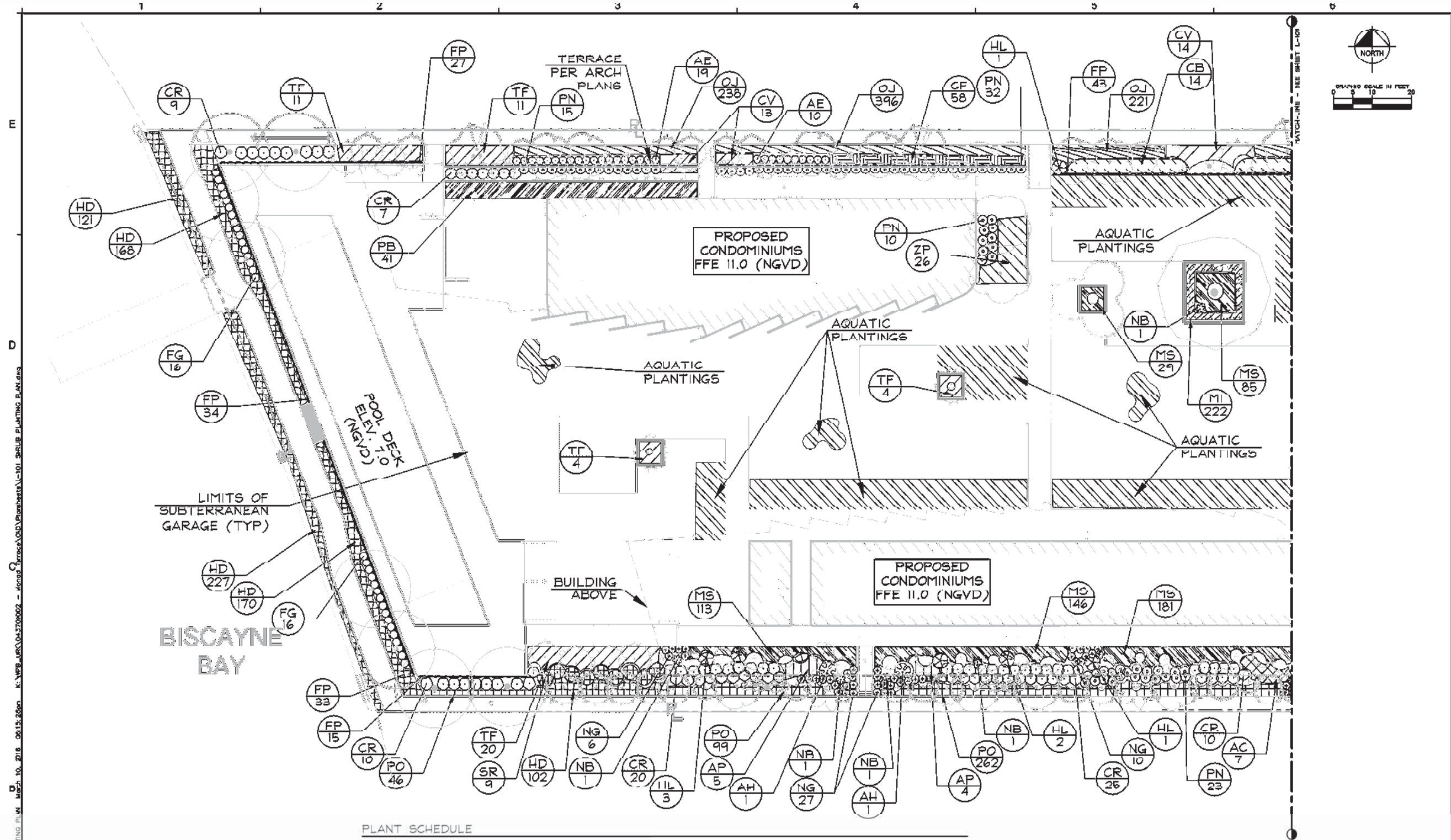
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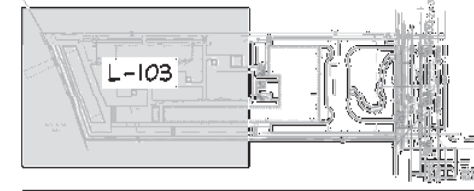


PLANT SCHEDULE

SHRUBS	BOTANICAL NAME	COMMON NAME	SHRUB AREAS	BOTANICAL NAME	COMMON NAME
AE	Aspidistra elatior 'Fin 4 PPP'	Cast Iron Plant	AC	Acalypha wilkesiana 'Dwarf' Red	Copper-Leaf
AH	Acalypha nassipa	Uranian Plant	AP	Alpinia purpurata	Red Ginger
AR	Aechmea blanchetiana 'Raspberry'	Raspberry Bromeliad	AV	Alpinia zerumbet 'Variegata'	Variegated Shell Ginger
CC	Chromolaena odorata (var. 'Shade Green')	Shade Green	CD	Colocasia esculenta 'Black Magic'	Black Elephant Ear
CD	Cordyline fruticosa 'Black Magic'	Black Magic Ti	CV	Caladium variegatum	Croton
CQ	Crinum augustum 'Queen Emma'	'Queen Emma' Crinum	HD	Monstera deltoidea 'Shade Green'	Split Leaf Philodendron
CR	Clusia rosea	Pitch Apple	MS	Microsorum scolopendrium	Wart Fern
FG	Ficus microcarpa 'Green Island'	Green Island Ficus	PB	Philodendron 'Burla Marx'	Burla Marx Philodendron
HL	Heliconia rostrata	Lobster Claw Heliconia	PX	Philodendron xanadu	Xanadu Philodendron
HP	Hamelia patens	Fire Bush	TF	Tripsacum floridanum	Dwarf Fakahatchee Grass
NB	Neoregelia x 'Fireball' Shade group	Fireball Bromeliad	ZP	Zamia pumila	Candle
NG	Neoregelia x 'Gaspacho'	Gaspacho Bromeliad			
PN	Psychotria nervosa	Wild Coffee			
SR	Serenoa repens	Saw Palmetto			
PP	Peperomia sp.	Peperomia sp.			

MIAMI BEACH LANDSCAPE CODE COMPLIANCE		
SHRUBS AND GROUNDCOVER SHALL BE AT MINIMUM 85% NATIVE	REQUIRED	PROVIDED
8,590 SHRUBS/GROUNDCOVERS X 35% = 3,006	3,006	3,080 (95.4%)

NOTE: SEE SHEET L-104 FOR FULL PLANT SCHEDULE



LOCATION MAP

NOTE: SEE SHEET L-104 FOR FULL PLANT SCHEDULE

REVISIONS / SUBMISSIONS
2018-02-18 DRB COMMENTS

1519

MONAD TERRACE
1300 MONAD TERRACE
MIAMI BEACH, FLORIDA 33139

SHRUB PLANTING PLAN

ATELIER
JEAN NOUVEL

KIMLEY-HORN

MCNAMARA - SALVIA
STRUCTURAL
ENGINEERS

EDWARDS &
ZUCK, LLC.

MONAD TERRACE
PROPERTY OWNER LLC.

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NEW YORK, NY 10011
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03/03/2018
JONATHAN D. BARKER, P.E.
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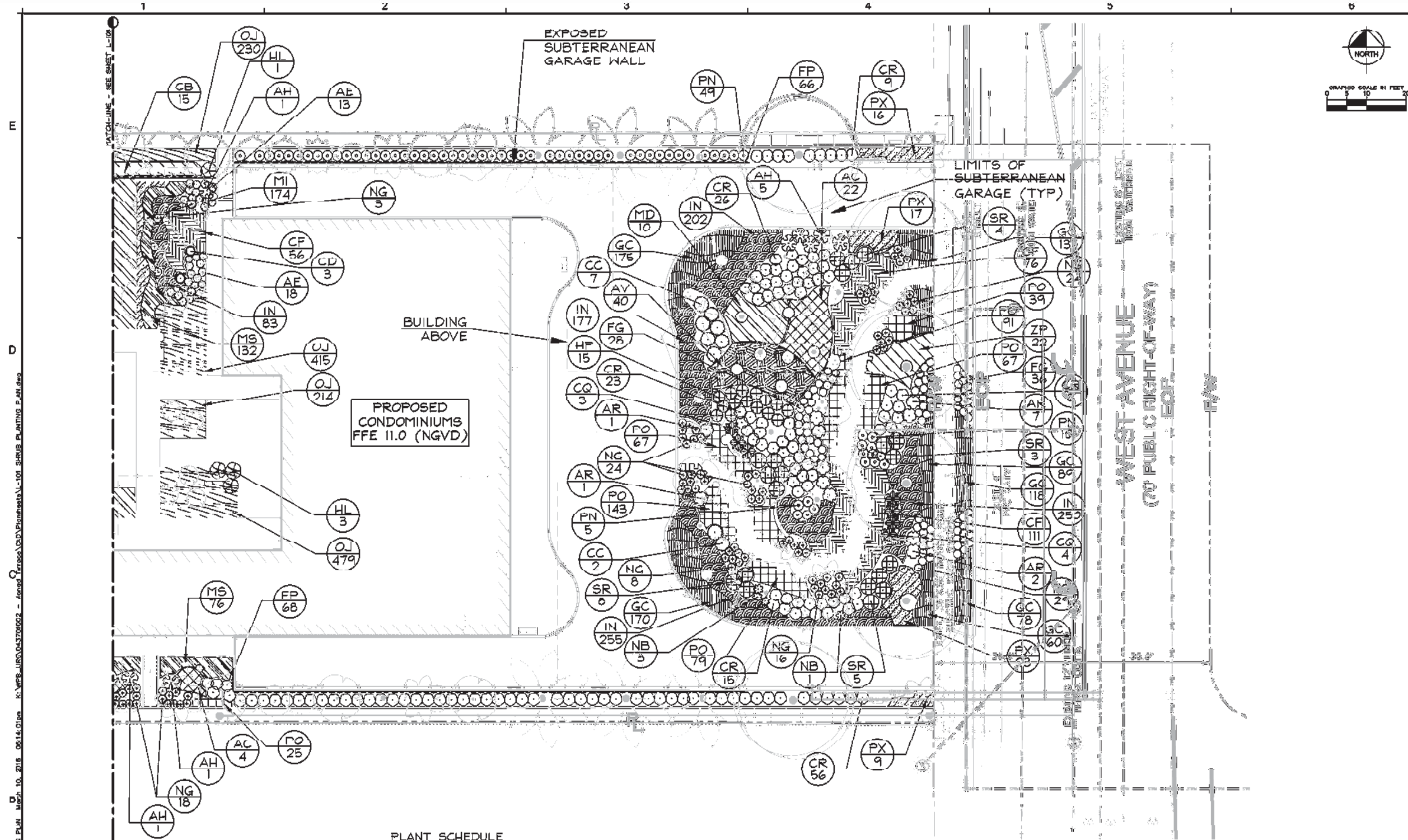
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DATE: 02/10/2018

L-103



PLANT SCHEDULE											
SHRUB	BOTANICAL NAME	COMMON NAME	GALL	O.C.	SIZE	QTY	NATIVE	SHRUB AREA	BOTANICAL NAME	COMMON NAME	QTY
AE	Aspidistra elatior	Cast Iron Plant	3 gal	24" O.C.	12"x12"	60	NATIVE	AC	Asiophora wilkesiana 'Dwarf'	Copper-Leaf	3 gal
AH	Asiophora hispida	Chanillo Plant	30 gal	As Shown	60" HT	10		AP	Alpinia purpurata	Red Ginger	3 gal
AR	Aechmea blanchetiana 'Raspberry'	Raspberry Bromeliad	1 gal	As Shown	18"x18"	11		AV	Alpinia zerumbet 'Variegata'	Variegated Shell Ginger	3 gal
CC	Chamaedorea exoniifolia	Cat Palm	7 gal	As Shown	3'-4' HT	4		CB	Calceolaria aculeata 'Black Magic'	Black Elephant Ear	7 gal
CD	Cordyline fruticosa 'Black Magic'	Black Magic Ti	7 gal	As Shown	36" HT	3		CV	Codiaeum variegatum	Croton	3 gal
CQ	Crinum augustum 'Queen Emma'	'Queen Emma' Crinum	7 gal	As Shown	3' HT	7		MD	Monstera deltoidea	Split Leaf Philodendron	3 gal
CR	Clusia rosea	Pitch Apple	7 gal	36" O.C.	24"x24"	216	X	MS	Microsorium scolopendrium	Wart Fern	3 gal
FG	Ficus microcarpa 'Green Island'	Green Island Ficus	3 gal	24" O.C.	15"x15"	125		PB	Philodendron 'Burle Marx'	Burle Marx Philodendron	3 gal
HL	Heliconia rostrata	Lobster Claw Heliconia	15 gal	As Shown	6' HT	11		PX	Philodendron xanadu	Xanadu Philodendron	3 gal
HP	Hamelia patens	Fire Bush	7 gal	36" O.C.	3' HT	15	X	TF	Tripsacum flandrianum	Dwarf Fakahatchee Grass	3 gal
NB	Neoregelia x 'Fireball'	Fireball Bromeliad	1 gal	As Shown	10"x10"	9		ZP	Zamia pumila	Coastal	3 gal
NG	Neoregelia x 'Gaspacho'	Gaspacho Bromeliad	1 gal	24" O.C.	10"x12"	136		CF	Cyrtanthus falcatum	Holly Fern	3 gal
PN	Psychotria nervosa	Wild Coffee	3 gal	30" O.C.	24"x24"	144	X	GC	Emmenanthe littoralis	Golden Cresser	1 gal
SR	Sorbus repens	Sour Palmetto	10 gal	48" O.C.	24"x36"	24	X	HD	Helianthus debilis	Beach Sunflower	1 gal
VINE/ESPALIER	BOTANICAL NAME	COMMON NAME	CONT.	O.C.	SIZE	QTY	NATIVE	IN	Illex vomitoria 'Nana'	Dwarf Yucca	3 gal
VF	Ficus pumila	Climbing Fig	3 gal	24" O.C.	10" TALL	206		MI	Mimosa strigillosa	Sensitive Plant	1 gal
								OJ	Ophiopogon japonicus	Mondo Grass	6" pot
								PO	Peperomia obtusifolia	Baby Rubber Plant	1 gal

REVISIONS / SUBMISSIONS

2018-02-18 DRB COMMENTS

1519

MONAD TERRACE
1300 MONAD TERRACE
MIAMI BEACH, FLORIDA 33139

SHRUB PLANTING
PLAN

ATELIER
JEAN NOUVEL

KIMLEY-HORN

MCMANARA - SALVIA
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ENGINEERS

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ZUCK, LLC.

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NEW YORK, NY 10011
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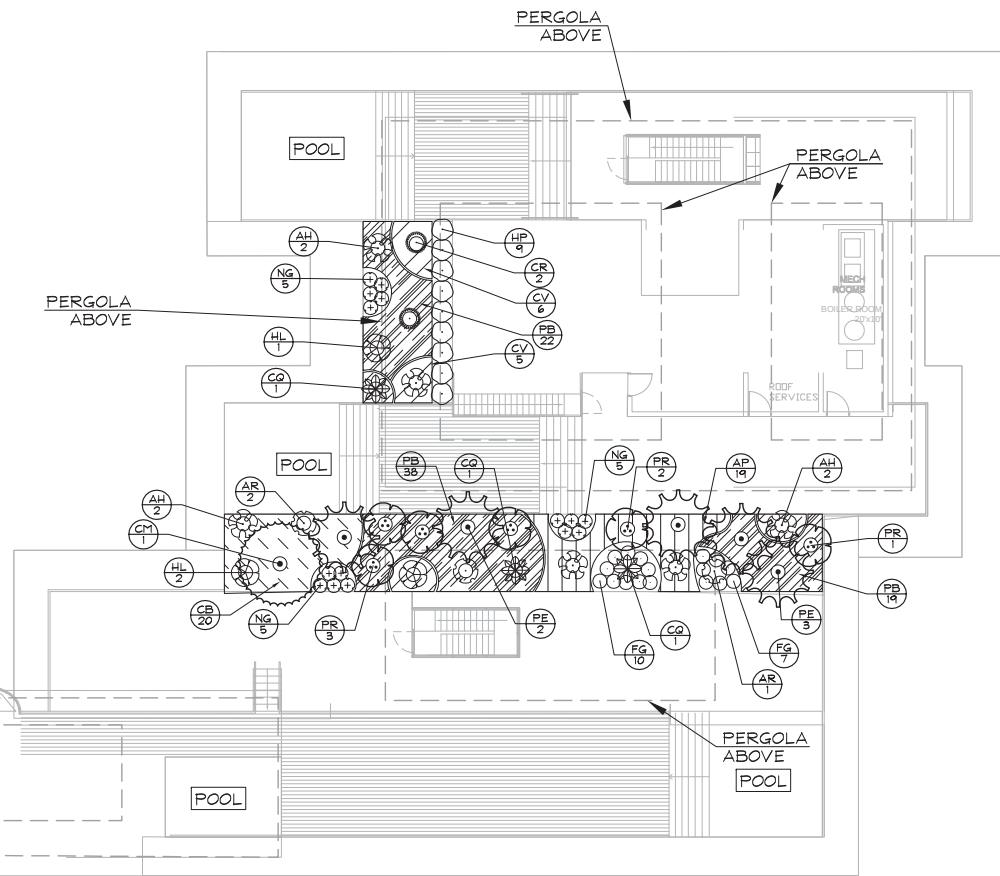
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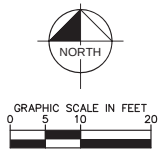
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L-104



NOTE: ROOF PLANTERS PER ARCH
PLANS. DETAIL 1/A4.07

SOUTH BUILDING



ROOF PLANT SCHEDULE

<u>PALM TREES</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>GAL.</u>	<u>SIZE</u>	<u>QTY.</u>
CM	Copernicia macroglossa Heavy.	Cuban Petticoat Palm	15 gal		8' HT	1
PE	Ptychosperma elegans Single.	Alexander Palm	F.G.		24" H.	5
PR	Phoenix roebelenii Triple	Pigmy Date Palm	F.G.		8' HT	6
<u>SHRUBS</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>O.C.</u>	<u>SIZE</u>	<u>QTY.</u>
AH	Acalypha hispida	Chenille Plant	30 gal	As Shown	60" HT	6
AR	Aechmea blanchetiana 'Raspberry'	Raspberry Bromeliad	1 gal	As Shown	18'x18"	3
CQ	Crinum augustum 'Queen Emma'	'Queen Emma' Crinum	7 gal	As Shown	3' HT	3
CR	Cordylone fruticosa 'Black Magic'	Black Magic Ti	7 gal	As Shown	36" HT	2
FG	Ficus microcarpa 'Green Island'	Green Island Ficus	3 gal	24" O.C.	15'x15"	17
HL	Heliconia rostrata	Lobster Claw Heliconia	15 gal	As Shown	6' HT	3
HP	Hamelia patens	Fire Bush	3 gal	36" O.C.	15'x15"	9
NG	Neoregelia x 'Gazpacho'	Gazpacho Bromeliad	1 gal	24" O.C.	10'x12"	15
<u>SHRUB AREAS</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>O.C.</u>	<u>SIZE</u>	<u>QTY.</u>
AP	Alpinia purpurata	Red Ginger	3 gal	36" O.C.	36" HT	19
CB	Colocasia esculenta 'Black Magic'	Black Elephant Ear	7 gal	36" O.C.	18" HT	20
CV	Caladium variegatum	Croton	3 gal	30" O.C.	30" HT	11
PB	Philodendron 'Burle Marx'	Burle Marx Philodendron	3 gal	30" O.C.	24'x24"	79
<u>GROUND COVERS</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>O.C.</u>	<u>SIZE</u>	<u>QTY.</u>
DB	Dianella tasmanica 'Blueberry'	Blueberry Flax Lily	1 gal	18" O.C.	12" HT	28

[illegible]

1519

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1300 MONAD TERRACE
MIAMI BEACH, FLORIDA 33139

ROOF PLANTING PLAN

ATELIER
JEAN NOUVEL

KIMLEY-HORN

MCNAMARA - SALVIA
STRUCTURAL
ENGINEERS

EDWARDS &
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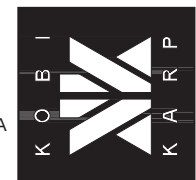
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LA 6666795

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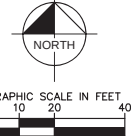
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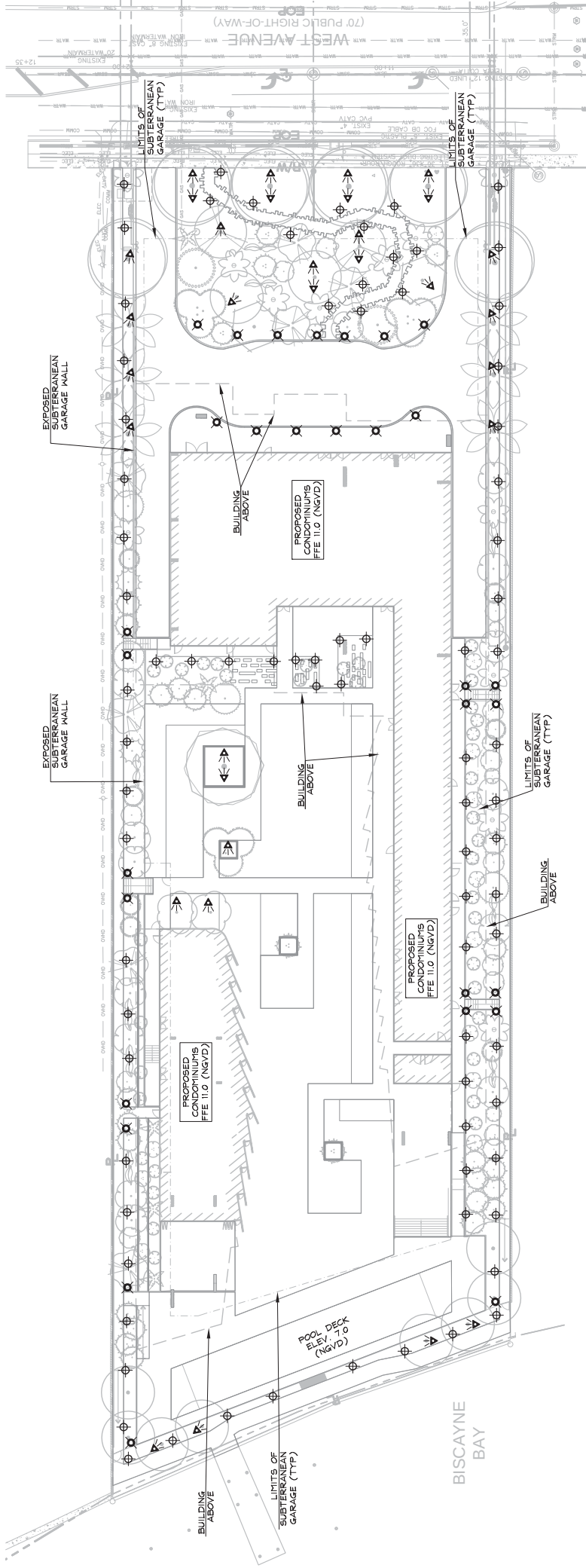
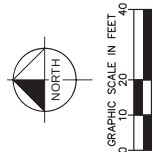
L-105



LEGEND				
SYMBOL	IMAGE	DESCRIPTION	ESTIMATED QUANTITY	NOTES
		TERRAZZO CONCRETE (PEDESTRIAN)	10,810 LF	DECORATIVE STONE AND SHELL AGGREGATE IN INTEGRAL COLOR CONCRETE MIX, GROUND WITH LIGHT SANDBLAST FINISH. COLOR TO BE DIFFERENT THAN VEHICULAR APPLICATION.
		TERRAZZO CONCRETE (VEHICULAR)	7,990 SF	DECORATIVE STONE AND SHELL AGGREGATE IN INTEGRAL COLOR CONCRETE MIX, GROUND WITH LIGHT SANDBLAST FINISH. COLOR TO BE DIFFERENT THAN PEDESTRIAN APPLICATION.
		TERRAZZO CONCRETE PANELS	41 PAVER UNITS	
	PER ARCHITECTURE PLANS	WOOD DECKING	7,833 SF	
	PER PLANTING PLANS	LANDSCAPE AREA	15,916 SF	

L-300

MONAD TERRACE 1300 MONAD TERRACE MIAMI BEACH, FLORIDA 33139		LANDSCAPE LIGHTING PLAN	
MCNAMARA - SALVA STRUCTURAL ENGINEERS EDWARDS & ZUCK, LLC.		KIMLEY-HORN	
MONAD TERRACE PLANNING		ATELIER JEAN NOUVEL	
MONAD TERRACE PROPERTY OWNER LLC. 104 FIFTH AVENUE NEW YORK, NY, 10011 212 974-2844		03/11/2016 JONATHAN D. HAHGA, P.L.A. LA 6666795	
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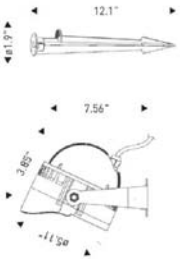
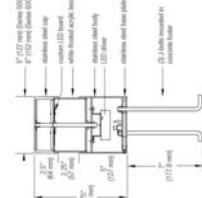


LIGHTING SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL	MATERIAL	FINISH	ELECTRICAL	LAMP	MATTE	COLOR TEMP	OPTICS/GLASS	MOUNTING	OPTIONS
	Boiler Light - Light Column 600	30		Stainless Steel	SS	110VAC	LED	17W	3000K		48" H	360-d
	Path Light - Light Column 600	82		Stainless Steel	SS	110VAC	LED	14W	3000K		10' H	180-d
	Tree Up Light - Ventura L55	32		Aluminum	Powdercoat	24VAC	RGB	16.8W	RGB		Spike	30-degree

- LIGHTING NOTES:**

1. LOCATIONS FOR ALL FIXTURES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE ALL LOCATIONS WITH THE PROJECT SUPERINTENDENT FOR EXACT PLACEMENT AND SCHEDULING.
2. CONTRACTOR SHALL COORDINATE WITH PROJECT SUPERINTENDENT FOR ELECTRICAL SERVICE, CONDUIT, ETC.
3. ALL WORK SHALL CONFORM TO LOCAL, STATE AND NATIONAL ELECTRIC CODES.
4. ALL INSTALLATION PER MANUFACTURER'S SPECIFICATION.
5. EXACT LOCATION OF BOLLARDS ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
6. LIGHTING LAYOUT IS FOR THE PURPOSES OF ACCENT LIGHTING ONLY. PHOTOMETRIC DATA AND CALCULATIONS FOR PERMIT SUBMITTALS WILL BE PREPARED BY A QUALIFIED PROFESSIONAL.
7. NO LIGHT SPILLAGE ONTO ADJACENT PROPERTIES SHALL EXCEED 0.5 FOOT CANDLE.



ILLUMINATED BOLLARD BY FORMS+SURFACES:

LIGHT COLUMN 600 SERIES, EMBED MOUNT, 48" H. 180-DEGREE KENTE SHIELD
17W LED 3000K LIGHT ENGINE
INSTALL PER MANUFACTURER'S SPECIFICATION.

A Bollard Light
SECTION, ELEVATION

ILLUMINATED PATH LIGHT BY FORMS+SURFACES:

LIGHT COLUMN 600 SERIES, FOOTER MOUNT, 10" H
14W LED 3000K LIGHT ENGINE
INSTALL PER MANUFACTURER'S SPECIFICATION INTO A 8" DIA X 18"D FOOTING.

B Path Light
SECTION, ELEVATION

TREE UP LIGHT BY ILLUMINEX

VENTURA LS5 , SPIKE MOUNT, 8-12" H
16.8W LED; RGB LIGHT ENGINE

INSTALL PER MANUFACTURER'S SPECIFICATION ONTO MOUNTING SPIKE (SPK-3B).

B Tree Up Light
SECTION, ELEVATION