

PHASE 1

NIELSEN
landscape architects
1016 clare avenue, 5
west palm beach, fl
561.402.9414
www.nielsenlandarch.com

COLLINS & 72nd DEVELOPERS
9537 HARDING AVENUE
SURFSIDE, FL 33154
305.867.6344

REVUELTA INTERNATIONAL
2950 SW 27TH STREET, 110
MIAMI, FL 33133
305.590.5000
WWW.REVUELTA-ARCHITECTURE.COM

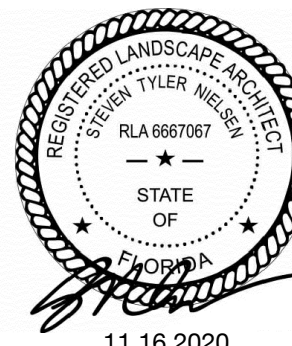
CLARO DEVELOPMENT
1035 N MIAMI AVENUE, 201
MIAMI, FL 33136
305.324.4700
WWW.CLAROCORP.COM

OCEAN ENGINEERING, INC.
333 NE 24TH STREET, 408
MIAMI, FL 33137
786.253.5252
WWW.OCEANENGINEERINGINC.COM

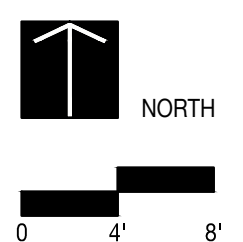
7140 COLLINS HOTEL

7140 COLLINS AVENUE | MIAMI BEACH, FLORIDA 33141

S. TYLER NIELSEN - LA6667067



MATERIALS PLAN	
DATE	
10.17.2016	PLANNING BOARD
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIEW
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMATIC
06.22.2017	80% D.DEVELOPMENT
07.20.2017	100% D.DEVELOPMENT
09.01.2017	30% CD
12.21.2017	PERMIT DRAWINGS
11.16.2020	ZONING REVIEW



L301

PLANTING NOTES

1. PLANT MATERIAL IS TO BE HEALTHY SPECIMENS FREE FROM DISEASE OR DAMAGE, AND IS TO BE MAINTAINED IN EXCELLENT CONDITION WHILE ON THE JOBSITE. LANDSCAPE ARCHITECT SHALL INSPECT PLANT MATERIAL UPON ARRIVAL TO JOBSITE AND WILL REJECT PLANT MATERIAL THAT DOES NOT MEET THE STANDARDS DESCRIBED WITHIN THE CONTRACT DOCUMENTS.
2. THE LANDSCAPE ARCHITECT WILL PERIODICALLY INSPECT PLANT MATERIAL STOCKPILED AND/OR PLANTED ON SITE DURING THE COURSE OF CONSTRUCTION. PLANT MATERIAL NOT MEETING THE STANDARDS CONTAINED WITHIN CONTRACT DOCUMENTS SHALL BE REPLACED AT NO COST TO THE OWNER.
3. PROVIDE MATCHING SIZES AND FORMS FOR EACH PLANT OF THE SAME SPECIES UNLESS OTHERWISE INDICATED.
4. CONTRACTOR TO VERIFY ALL QUANTITIES. IN CASE OF DISCREPANCIES, GRAPHICALLY SHOWN QUANTITIES SHALL TAKE PRECEDENCE.
5. ALL MATERIALS USED SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARDS FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSEYMEN.
6. ALL PLANT MATERIAL SHALL BE INSTALLED PLUMB AND PER THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS. ANY NECESSARY STAKING AND/OR OTHER SUPPORTS MATERIALS/METHODS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
7. THE CONTRACTOR SHALL PRUNE EXISTING AND/OR NEW TREES ONLY PER LANDSCAPE ARCHITECT DIRECTION.
8. THE CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL TREES AND B&B SHRUBS FOR LANDSCAPE ARCHITECT REVIEW AND APPROVAL, PRIOR TO INSTALLATION.
9. ALL ROOT-WRAPPING MATERIALS THAT ARE NOT BIO-DEGRADABLE SHALL BE REMOVED FROM THE ROOT BALL. ROOT BALLS SHALL BE FREE OF WEEDS.
10. SPECIFIED PLANT MATERIAL SIZES SHALL BE CONSIDERED MINIMUM SIZES.
11. FINISH GRADE OF PLANTING BEDS SHALL BE ONE (1) INCH BELOW ADJACENT FLATWORK, UNLESS SPECIFIED OTHERWISE.
12. MULCH OR PLANTING BED DRESSING SHALL BE PLACED IN ALL PLANTING AREAS AS SPECIFIED. MULCH OR PLANTING BED DRESSING SHALL NOT BE PLACED WITHIN SIX (6) INCHES OF TREE TRUNKS. MULCHING SHOULD BE REPEATED ANNUALLY DURING THE AUTUMN TO A THREE (3) INCH DEPTH.
13. ALL PLANT MATERIAL SHOULD RECEIVE AN ORGANIC FERTILIZER IN LIMITED APPLICATION FOLLOWING INSTALLATION. TYPE AND APPLICATION RATE AND METHOD OF APPLICATION TO BE SPECIFIED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT.
14. EXCESS FERTILIZER SHALL BE DISPOSED OF PROPERLY OFF-SITE. IT SHALL NOT BE DISPOSED OF IN STORM DRAINS AND/OR DRYWELLS.
15. STOCKPILED PLANT MATERIAL TO BE PLACED IN THE SHADE AND PROPERLY HAND-WATERED UNTIL PLANTED.
16. MINI-NUGGET TYPE DECORATIVE BARK MULCH WILL BE USED TO RETURN NUTRIENTS TO THE SOIL, REDUCE MAINTENANCE AND MINIMIZE EVAPORATION FOR AREAS APPROXIMATE TO THE RESIDENCE. LARGER SHREDDED BARK MULCH WILL BE USED FOR STEEP AREAS SO SLOUGHING IS LESS LIKELY TO OCCUR.
17. PRESERVE & PROTECT ALL EXISTING VEGETATION INDICATED TO REMAIN AT ALL TIMES.
18. ALL VEGETATION PROPOSED FOR OUTSIDE THE BUILDING ENVELOPE TO BE NATIVE UNLESS OTHERWISE NOTED. PLANTING THAT OCCURS OUTSIDE THE BUILDING ENVELOPE IS FOR RESTORATION PURPOSES ONLY OR IS SPECIFIC TO UTILITIES RESTORATION.
19. SIX (6) INCH PLANT MIX SHALL BE PROVIDED FOR ALL LAWN, TURF, AND NATIVE PLANTING ZONES. 18 INCH PLANT MIX SHALL BE PROVIDED FOR ALL PERENNIAL PLANTING BEDS UNLESS OTHERWISE NOTED.

PLANTING SCHEDULE GROUND LEVEL

ABR.	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
TREES				
CEX	1	CONOCARPUS ERECTUS 'SERICEUS'	SILVER BUTTONWOOD	SPECIMEN - MULTI-TRUNK - 18 FT. HT. MIN. 12 FT. SP. - LANDSCAPE ARCHITECT TO TAG
CER	27	CONOCARPUS ERECTUS 'GREEN'	GREEN BUTTONWOOD	FG. 22' HT. 6" DBH MINIMUM. 8 FT. CT. SINGLE LEADER / STANDARD FLORIDA #1 TO BE UP-LIT
LTA	13	LYSIOUMA LATISILIQUUM	WILD TAMARIND	FG. 34' HT. 8" SP. 4" DBH
MFR	6	MYRCIANTHES FRAGRANS	SIMPSON STOPPER	65 GAL. 12' OA MULTI-TRUNK 6' SP.
PALMS				
CH1	2	CHAMAEROPS HUMILIS	EUROPEAN FAN PALM	6' - 8' OA MULTI TRUNK SPECIMEN FG. - LA TO TAG IN THE FIELD - SUNSCAPE TREE FARM
UNDERSTORY TREES / LARGE SHRUBS				
GLU	61	GYMNANTHES LUCIDA	CRABWOOD	25 GAL. 6' OA BUSH FORM
SMA	6	SURIANA MARITIMA	BAY CEDAR	15 GAL. 4' OA BUSH FORM
SHRUBS & ACCENTS				
PL	131	PSYCHOTRIA LIGUSTRIFOLIA	DWARF WILD COFFEE	7 GAL. 24" x 24" (NATIVE SHRUB) DROUGHT TOLERANT
MD	59	MONSTERA DELICIOSA	MEXICAN BREADFRUIT	7 GAL. 3' HT...CONTRACTOR TO PROVIDE IMAGES FOR LA APPROVAL
MC	1400	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	1 GAL. 12 IN. O.C.
GROUNDCOVERS				
LM	280	LIRIOPE MUSCARI 'SUPER BLUE'	LILY TURF	1 GAL. FULL
AL	80	ASPIDISTRA ELATION	CAST IRON PLAN	3 GAL. FULL
VINES, WATER PLANTS, MISCELLANEOUS				
TB	15	THUNBERGIA GRANDIFLORA	BLUE SKY VINE	3 GAL. TRELLIS
CONTRACTOR TO PROVIDE \$2000 MISCELLANEOUS WHOLESALE PLANT ALLOWANCE. LANDSCAPE ARCHITECT TO TAG PLANTS AT NURSERY				

PLANTING SCHEDULE SECOND / GARAGE LEVEL

ABR.	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
UNDERSTORY TREES / LARGE SHRUBS				
SMA	23	SURIANA MARITIMA	BAY CEDAR	25 GAL. BUSH FORM 4' - 6' FT
SHRUBS & ACCENTS				
MD	20	MONSTERA DELICIOSA	MEXICAN BREADFRUIT	7 GAL. 24 IN.

PLANTING SCHEDULE AMENITY LEVEL

ABR.	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
TREES				
CES	6	CONOCARPUS ERECTUS 'SERICEUS'	SILVER BUTTONWOOD	100 GAL. 12 FT. HT. MIN. 8 FT. SP. - LANDSCAPE ARCHITECT TO TAG
PALMS				
CH1	6	CHAMAEROPS HUMILIS	EUROPEAN FAN PALM	6' - 8' OA MULTI TRUNK SPECIMEN FG. - LA TO TAG IN THE FIELD - SUNSCAPE TREE FARM
CHU	7	CHAMAEROPS HUMILIS	EUROPEAN FAN PALM	45 GAL. 4' - 5' OA MULTI-TRUNK - LA TO TAG IN THE FIELD - SUNSCAPE TREE FARM / PLANT CITY, FL
PRE	7	PHOENIX RECLINATA	SENEGAL DATE PALM	FG. MUTLI-TRUNK 12 FT. - 16 FT. GW (GC PROVIDE IMAGES FOR APPROVAL)
UNDERSTORY TREES / LARGE SHRUBS				
SMA	22	SURIANA MARITIMA	BAY CEDAR	25 GAL. 4' OA BUSH FORM
GLU	130	GYMNANTHES LUCIDA	CRABWOOD	25 GAL. 6' OA BUSH FORM
SHRUBS & ACCENTS				
PL	140	PSYCHOTRIA LIGUSTRIFOLIA	DWARF WILD COFFEE	7 GAL. 24" x 24" (NATIVE SHRUB) DROUGHT TOLERANT
MD	130	MONSTERA DELICIOSA	MEXICAN BREADFRUIT	7 GAL. 3' HT...CONTRACTOR TO PROVIDE IMAGES FOR LA APPROVAL
LM	2040	LIRIOPE MUSCARI 'EMERALD'	SAME	1 GAL. 12 IN. O.C.
TD	82	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	3 GAL. 36 IN. O.C.
AO	200	ALCANTEREA ODORATA	SILVER BROMELIAD	3 GAL.
GROUNDCOVERS				
EL	1220	ERNODEA LITTORALIS	GOLDEN CREEPER	1 GAL. FULL 12 IN. OC.
VINES, WATER PLANTS, MISCELLANEOUS				
TB	9	THUNBERGIA GRANDIFLORA	BLUE SKY VINE	3 GAL. TRELLIS
CONTRACTOR TO PROVIDE \$2000 MISCELLANEOUS WHOLESALE PLANT ALLOWANCE. LANDSCAPE ARCHITECT TO TAG PLANTS AT NURSERY				

PLANTING SCHEDULE ROOF LEVEL

ABR.	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
PALMS				
PRE	3	PHOENIX RECLINATA	SENEGAL DATE PALM	FG. MUTLI-TRUNK 12 FT. - 16 FT. GW (GC PROVIDE IMAGES FOR APPROVAL)
CHU	2	CHAMAEROPS HUMILIS	EUROPEAN FAN PALM	45 GAL. 4' - 5' OA MULTI-TRUNK - LA TO TAG IN THE FIELD - SUNSCAPE TREE FARM / PLANT CITY, FL
SHRUBS & ACCENTS				
MD	84	MONSTERA DELICIOSA	MEXICAN BREADFRUIT	7 GAL. 3' HT...CONTRACTOR TO PROVIDE IMAGES FOR LA APPROVAL
LM	340	LIRIOPE MUSCARI 'EMERALD'	SAME	1 GAL. 12 IN. O.C.

CITY OF MIAMI BEACH LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS Zoning District <u>TC - 1</u> Lot Area <u>49,890</u> SQFT. Acres <u>1.15</u> ACRES		
OPEN SPACE		
A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>49,890</u> s.f.x <u>05</u> % = <u>2,495</u> s.f.	REQUIRED/ ALLOWED	PROVIDED
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces <u>3</u> x 10 s.f. parking space =	2,495	3,309
C. Total square feet of landscaped open space required: A+B=	<u>30</u> 3,525	<u>30</u> 3,339
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	3,525	3,339
B. Maximum lawn area (sod) permitted= <u>20</u> % x 3,339 s.f.	667	0
TREES		
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= <u>22</u> trees x <u>1.15</u> net lot acres - number of existing trees=	25	25
B. % Natives required: Number of trees provided x 30% =	<u>7.5</u>	<u>25</u>
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	7.5	25
D. Street Trees (maximum average spacing of 20' o.c.) <u>350</u> linear feet along street divided by 20'=	18	18
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): <u>200</u> linear feet along street divided by 20'=	10	10
SHRUBS		
A. Number of shrubs required: Sum of lot and street trees required x 12=	2,394	2,732
B. % Native shrubs required: Number of shrubs provided x 50%=	1,197	2,558
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	239	242
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	119	242



NIELSEN
landscape architects

1016 clare avenue, 5
west palm beach, fl
561.402.9414

www.nielsenlandarch.com

COLLINS & 72nd DEVELOPERS
9537 HARDING AVENUE
SURFSIDE, FL 33154
305.867.6344

REVUELTA INTERNATIONAL
2950 SW 27TH STREET, 110
MIAMI, FL 33133
305.590.5000

WWW.REVUELTA-ARCHITECTURE.COM

CLARO DEVELOPMENT
1035 N MIAMI AVENUE, 201
MIAMI, FL 33136
305.324.4700

WWW.CLAROCORP.COM

OCEAN ENGINEERING, INC.
333 NE 24TH STREET, 408
MIAMI, FL 33137
786.253.5252

WWW.OCEANENGINEERINGINC.COM

7140 COLLINS HOTEL
7140 COLLINS AVENUE | MIAMI BEACH, FLORIDA 33141

S. TYLER NIELSEN - LA6667067



PLANTING SCHEDULE & NOTES

DATE	
10.17.2016	PLANNING BOARD
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIEW
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMATIC
06.22.2017	80% D.DEVELOPMENT
07.20.2017	100% D.DEVELOPMENT
09.01.2017	30% CD
12.21.2017	PERMIT DRAWINGS
11.16.2020	ZONING REVIEW
11.30.2020	REVISION 01

NIELSEN
landscape architects
1016 clare avenue, 5
west palm beach, fl
561.402.9414
www.nielsenlandarch.com

COLLINS & 72nd DEVELOPERS
9537 HARDING AVENUE
SURFSIDE, FL 33154
305.867.6344

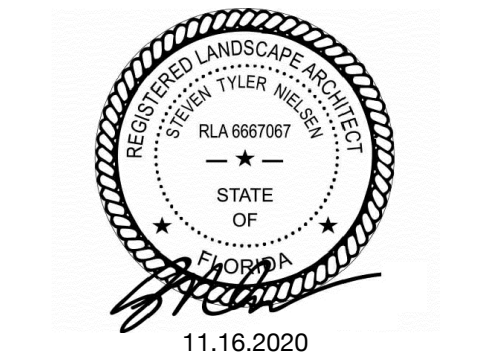
REVUELTA INTERNATIONAL
2950 SW 27TH STREET, 110
MIAMI, FL 33133
305.590.5000
WWW.REVUELTA-ARCHITECTURE.COM

CLARO DEVELOPMENT
1035 N MIAMI AVENUE, 201
MIAMI, FL 33136
305.324.4700
WWW.CLAROCORP.COM

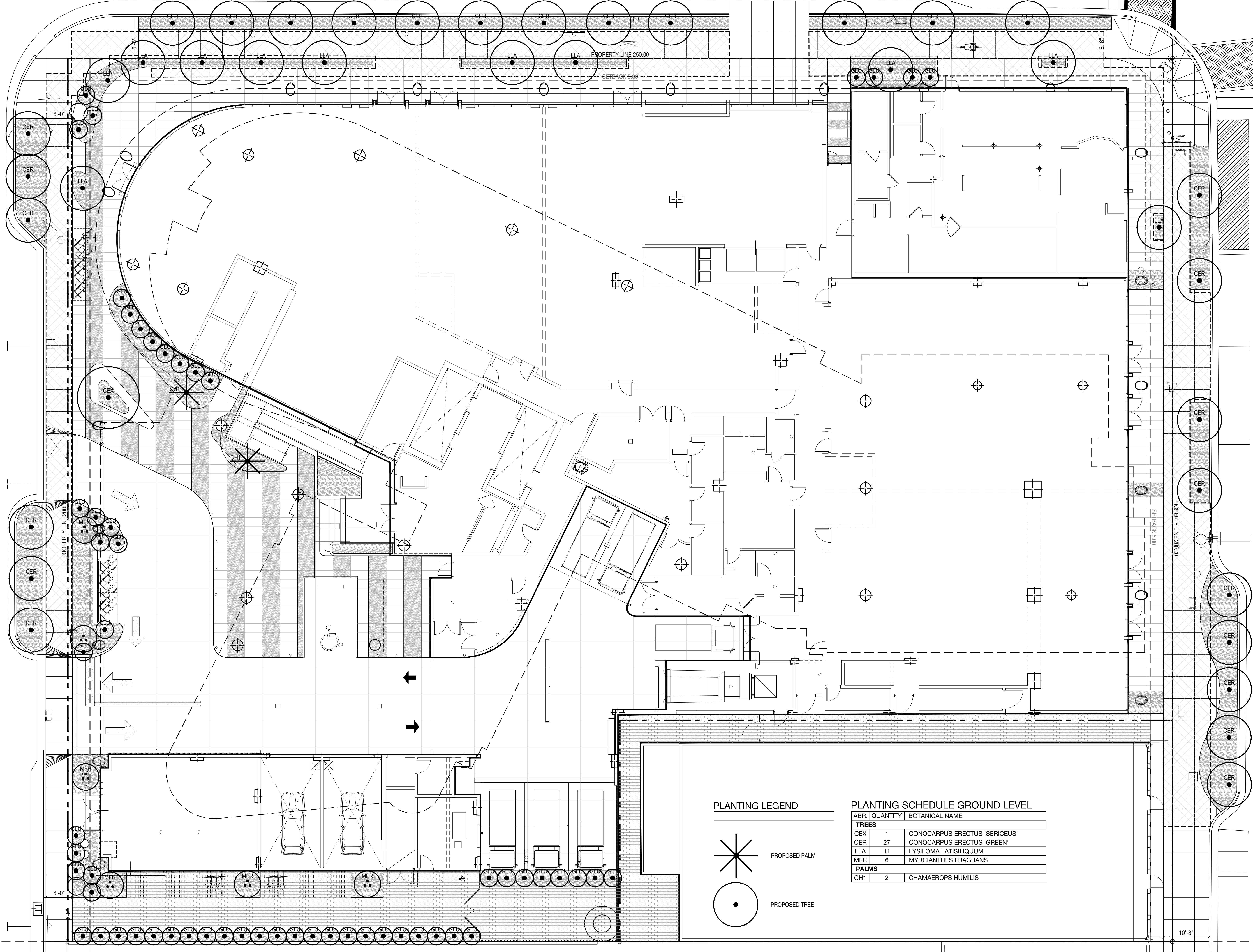
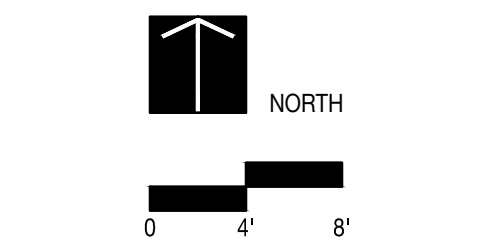
OCEAN ENGINEERING, INC.
333 NE 24TH STREET, 408
MIAMI, FL 33137
786.253.5252
WWW.OCEANENGINEERINGINC.COM

7140 COLLINS HOTEL
7140 COLLINS AVENUE | MIAMI BEACH, FLORIDA 33141

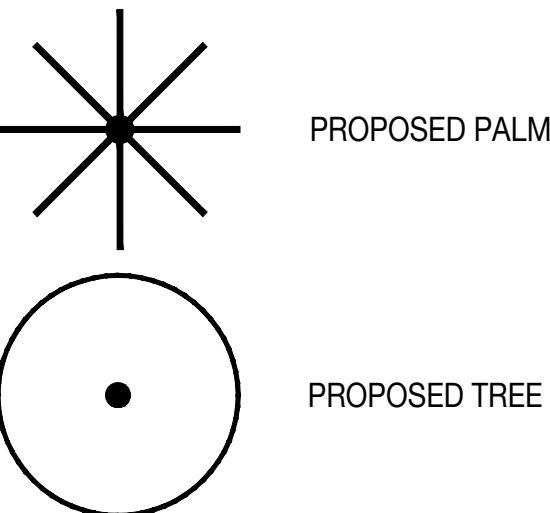
S. TYLER NIELSEN - LA6667067



TREE & PALM PLANTING PLAN	
DATE	
10.17.2016	PLANNING BOARD
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIEW
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMATIC
06.22.2017	80% D.DEVELOPMENT
07.20.2017	100% D.DEVELOPMENT
09.01.2017	30% CD
12.21.2017	PERMIT DRAWINGS
11.16.2020	ZONING REVIEW



PLANTING LEGEND



PLANTING SCHEDULE GROUND LEVEL

ABR.	QUANTITY	BOTANICAL NAME
TREES		
CEX	1	CONOCARPUS ERECTUS 'SERICEUS'
CER	27	CONOCARPUS ERECTUS 'GREEN'
LLA	11	LYSIOMA LATISILIQUUM
MFR	6	MYRCIANTHES FRAGRANS
PALMS		
CH1	2	CHAMAEROPS HUMILIS

NIELSEN
landscape architects
1016 clare avenue, 5
west palm beach, fl
561.402.9414
www.nielsenlandarch.com

COLLINS & 72nd DEVELOPERS
9537 HARDING AVENUE
SURFSIDE, FL 33154
305.867.6344

REVUELTA INTERNATIONAL
2950 SW 27TH STREET, 110
MIAMI, FL 33133
305.590.5000
WWW.REVUELTA-ARCHITECTURE.COM

CLARO DEVELOPMENT
1035 N MIAMI AVENUE, 201
MIAMI, FL 33136
305.324.4700
WWW.CLAROCORP.COM

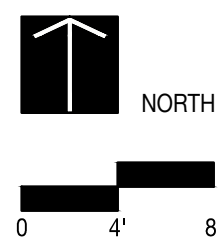
OCEAN ENGINEERING, INC.
333 NE 24TH STREET, 408
MIAMI, FL 33137
786.253.5252
WWW.OCEANENGINEERINGINC.COM

7140 COLLINS HOTEL
7140 COLLINS AVENUE | MIAMI BEACH, FLORIDA 33141

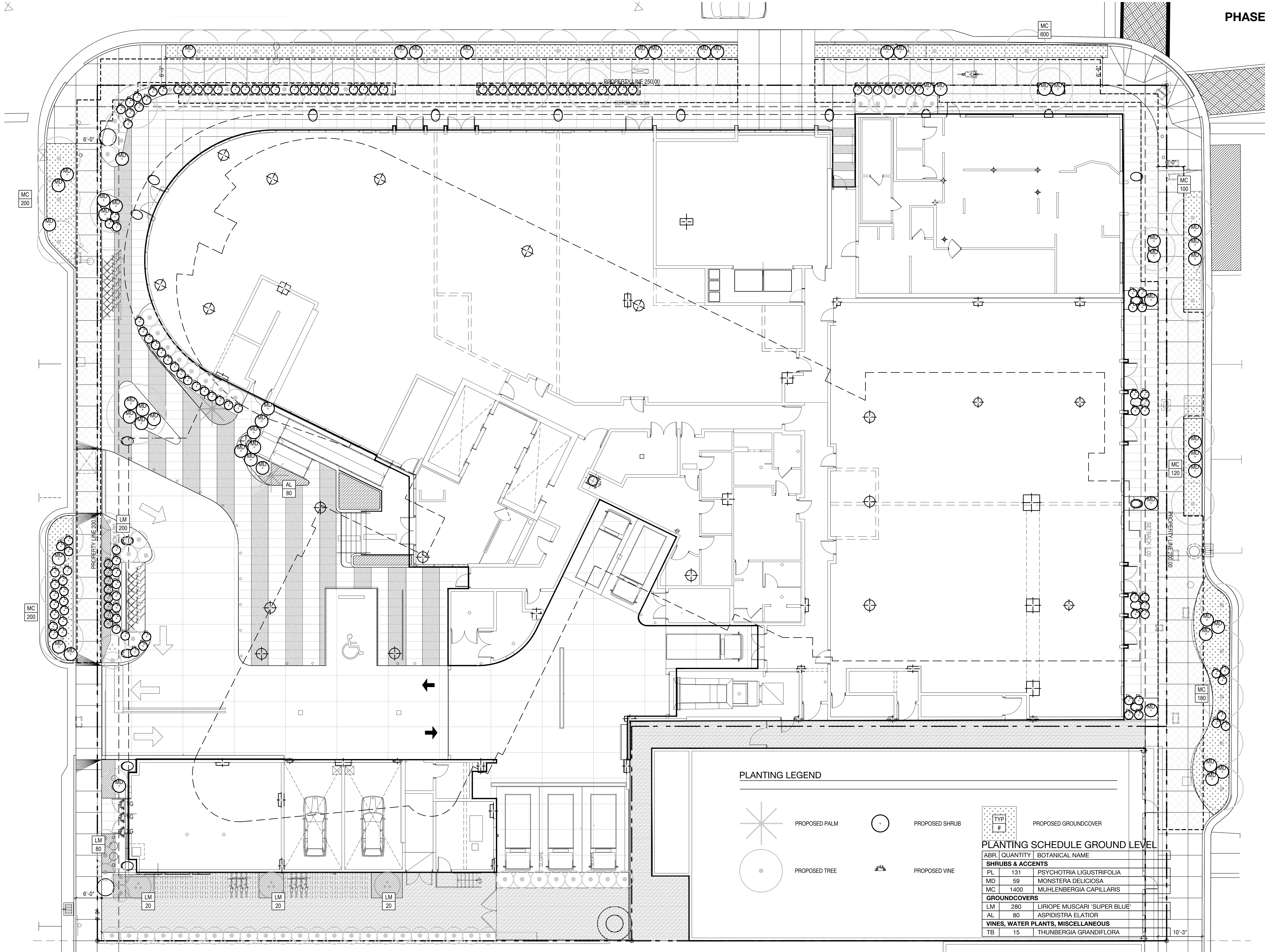
S. TYLER NIELSEN - LA6667067



UNDERSTORY PLANTING PLAN	
DATE	
10.17.2016	PLANNING BOARD
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIEW
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMATIC
06.22.2017	80% D.DEVELOPMENT
07.20.2017	100% D.DEVELOPMENT
09.01.2017	30% CD
12.21.2017	PERMIT DRAWINGS
11.16.2020	ZONING REVIEW



L705



PLANTING LEGEND

PROPOSED PALM

PROPOSED TREE

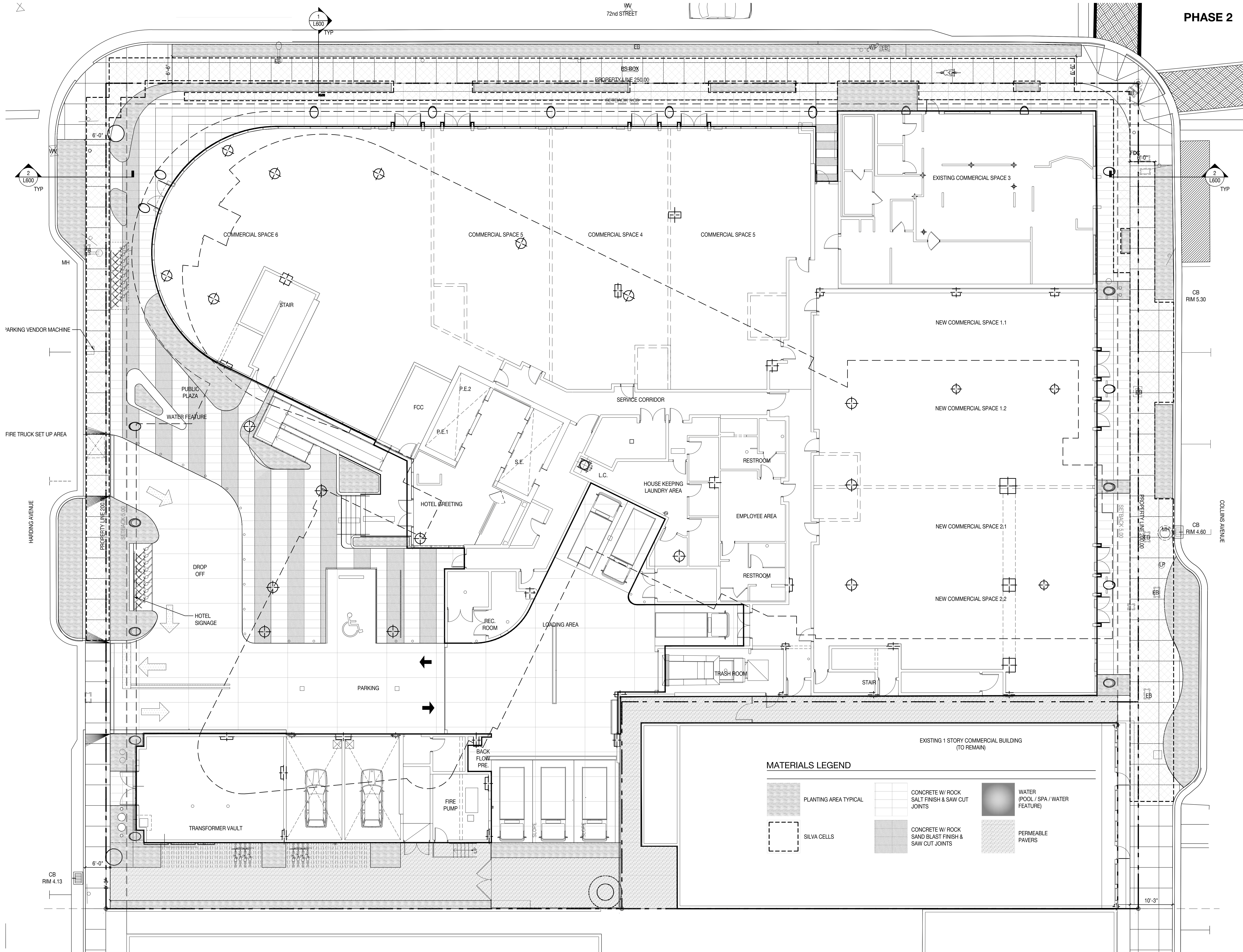
PROPOSED SHRUB

PROPOSED VINE

PROPOSED GROUNDCOVER

PLANTING SCHEDULE GROUND LEVEL

ABR.	QUANTITY	BOTANICAL NAME
SHRUBS & ACCENTS		
PL	131	PSYCHOTRIA LIGUSTRIFOLIA
MD	59	MONSTERA DELICIOSA
MC	1400	MUHLENBERGIA CAPILLARIS
GROUNDCOVERS		
LM	280	LIRIOPE MUSCARI 'SUPER BLUE'
AL	80	ASPIDISTRA ELATOR
VINES, WATER PLANTS, MISCELLANEOUS		
TB	15	THUNBERGIA GRANDIFLORA



NIELSEN
landscape architects
1016 clare avenue, 5
west palm beach, fl
561.402.9414
www.nielsenlandarch.com

COLLINS & 72nd DEVELOPERS
9537 HARDING AVENUE
SURFSIDE, FL 33154
305.867.6344

REVUELTA INTERNATIONAL
2950 SW 27TH STREET, 110
MIAMI, FL 33133
305.590.5000
WWW.REVUELTA-ARCHITECTURE.COM

CLARO DEVELOPMENT
1035 N MIAMI AVENUE, 201
MIAMI, FL 33136
305.324.4700
WWW.CLAROCORP.COM

OCEAN ENGINEERING, INC.
333 NE 24TH STREET, 408
MIAMI, FL 33137
786.253.5252
WWW.OCEANENGINEERINGINC.COM

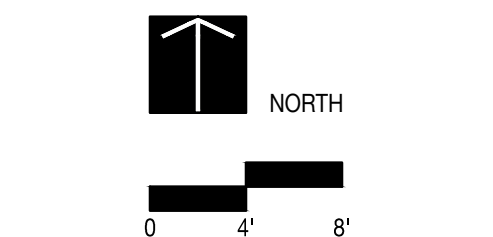
7140 COLLINS HOTEL

7140 COLLINS AVENUE | MIAMI BEACH, FLORIDA 33141

S. TYLER NIELSEN - LA6667067



MATERIALS PLAN	
DATE	
10.17.2016	PLANNING BOARD
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIEW
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMATIC
06.22.2017	80% D.DEVELOPMENT
07.20.2017	100% D.DEVELOPMENT
09.01.2017	30% CD
12.21.2017	PERMIT DRAWINGS
11.16.2020	ZONING REVIEW



PLANTING NOTES

1. PLANT MATERIAL IS TO BE HEALTHY SPECIMENS FREE FROM DISEASE OR DAMAGE, AND IS TO BE MAINTAINED IN EXCELLENT CONDITION WHILE ON THE JOBSITE. LANDSCAPE ARCHITECT SHALL INSPECT PLANT MATERIAL UPON ARRIVAL TO JOBSITE AND WILL REJECT PLANT MATERIAL THAT DOES NOT MEET THE STANDARDS DESCRIBED WITHIN THE CONTRACT DOCUMENTS.
2. THE LANDSCAPE ARCHITECT WILL PERIODICALLY INSPECT PLANT MATERIAL STOCKPILED AND/OR PLANTED ON SITE DURING THE COURSE OF CONSTRUCTION. PLANT MATERIAL NOT MEETING THE STANDARDS CONTAINED WITHIN CONTRACT DOCUMENTS SHALL BE REPLACED AT NO COST TO THE OWNER.
3. PROVIDE MATCHING SIZES AND FORMS FOR EACH PLANT OF THE SAME SPECIES UNLESS OTHERWISE INDICATED.
4. CONTRACTOR TO VERIFY ALL QUANTITIES. IN CASE OF DISCREPANCIES, GRAPHICALLY SHOWN QUANTITIES SHALL TAKE PRECEDENCE.
5. ALL MATERIALS USED SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARDS FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSEYMEN.
6. ALL PLANT MATERIAL SHALL BE INSTALLED PLUMB AND PER THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS. ANY NECESSARY STAKING AND/OR OTHER SUPPORTS MATERIALS/METHODS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
7. THE CONTRACTOR SHALL PRUNE EXISTING AND/OR NEW TREES ONLY PER LANDSCAPE ARCHITECT DIRECTION.
8. THE CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL TREES AND B&B SHRUBS FOR LANDSCAPE ARCHITECT REVIEW AND APPROVAL. PRIOR TO INSTALLATION.
9. ALL ROOT-WRAPPING MATERIALS THAT ARE NOT BIO-DEGRADABLE SHALL BE REMOVED FROM THE ROOT BALL. ROOT BALLS SHALL BE FREE OF WEEDS.
10. SPECIFIED PLANT MATERIAL SIZES SHALL BE CONSIDERED MINIMUM SIZES.
11. FINISH GRADE OF PLANTING BEDS SHALL BE ONE (1) INCH BELOW ADJACENT FLATWORK, UNLESS SPECIFIED OTHERWISE.
12. MULCH OR PLANTING BED DRESSING SHALL BE PLACED IN ALL PLANTING AREAS AS SPECIFIED. MULCH OR PLANTING BED DRESSING SHALL NOT BE PLACED WITHIN SIX (6) INCHES OF TREE TRUNKS. MULCHING SHOULD BE REPEATED ANNUALLY DURING THE AUTUMN TO A THREE (3) INCH DEPTH.
13. ALL PLANT MATERIAL SHOULD RECEIVE AN ORGANIC FERTILIZER IN LIMITED APPLICATION FOLLOWING INSTALLATION. TYPE AND APPLICATION RATE AND METHOD OF APPLICATION TO BE SPECIFIED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT.
14. EXCESS FERTILIZER SHALL BE DISPOSED OF PROPERLY OFF-SITE. IT SHALL NOT BE DISPOSED OF IN STORM DRAINS AND/OR DRYWELLS.
15. STOCKPILED PLANT MATERIAL TO BE PLACED IN THE SHADE AND PROPERLY HAND-WATERED UNTIL PLANTED.
16. MINI-NUGGET TYPE DECORATIVE BARK MULCH WILL BE USED TO RETURN NUTRIENTS TO THE SOIL, REDUCE MAINTENANCE AND MINIMIZE EVAPORATION FOR AREAS APPROXIMATE TO THE RESIDENCE. LARGER SHREDDED BARK MULCH WILL BE USED FOR STEEP AREAS SO SLOUGHING IS LESS LIKELY TO OCCUR.
17. PRESERVE & PROTECT ALL EXISTING VEGETATION INDICATED TO REMAIN AT ALL TIMES.
18. ALL VEGETATION PROPOSED FOR OUTSIDE THE BUILDING ENVELOPE TO BE NATIVE UNLESS OTHERWISE NOTED. PLANTING THAT OCCURS OUTSIDE THE BUILDING ENVELOPE IS FOR RESTORATION PURPOSES ONLY OR IS SPECIFIC TO UTILITIES RESTORATION.
19. SIX (6) INCH PLANT MIX SHALL BE PROVIDED FOR ALL LAWN, TURF, AND NATIVE PLANTING ZONES. 18 INCH PLANT MIX SHALL BE PROVIDED FOR ALL PERENNIAL PLANTING BEDS UNLESS OTHERWISE NOTED.

PLANTING SCHEDULE GROUND LEVEL

ABR.	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
TREES				
CEX	1	CONOCARPUS ERECTUS 'SERICEUS'	SILVER BUTTONWOOD	SPECIMEN - MULTI-TRUNK - 18 FT. HT. MIN. 12 FT. SP. - LANDSCAPE ARCHITECT TO TAG
CER	27	CONOCARPUS ERECTUS 'GREEN'	GREEN BUTTONWOOD	FG. 22' HT. 6" DBH MINIMUM. 8 FT. CT. SINGLE LEADER / STANDARD FLORIDA #1 TO BE UP-LIT
LTA	13	LYSIOUMA LATISILIQUUM	WILD TAMARIND	FG. 34' HT. 8" SP. 4" DBH
MFR	6	MYRCIANTHES FRAGRANS	SIMPSON STOPPER	65 GAL. 12' OA MULTI-TRUNK 6' SP.
PALMS				
CH1	2	CHAMAEROPS HUMILIS	EUROPEAN FAN PALM	6' - 8' OA MULTI TRUNK SPECIMEN FG. - LA TO TAG IN THE FIELD - SUNSCAPE TREE FARM
UNDERSTORY TREES / LARGE SHRUBS				
GLU	61	GYMNANTHES LUCIDA	CRABWOOD	25 GAL. 6' OA BUSH FORM
SMA	6	SURIANA MARITIMA	BAY CEDAR	15 GAL. 4' OA BUSH FORM
SHRUBS & ACCENTS				
PL	131	PSYCHOTRIA LIGUSTRIFOLIA	DWARF WILD COFFEE	7 GAL. 24" x 24" (NATIVE SHRUB) DROUGHT TOLERANT
MD	59	MONSTERA DELICIOSA	MEXICAN BREADFRUIT	7 GAL. 3' HT...CONTRACTOR TO PROVIDE IMAGES FOR LA APPROVAL
MC	1400	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	1 GAL. 12 IN. O.C.
GROUNDCOVERS				
LM	280	LIRIOPE MUSCARI 'SUPER BLUE'	LILY TURF	1 GAL. FULL
AL	80	ASPIDISTRA ELATION	CAST IRON PLAN	3 GAL. FULL
VINES, WATER PLANTS, MISCELLANEOUS				
TB	15	THUNBERGIA GRANDIFLORA	BLUE SKY VINE	3 GAL. TRELLIS
CONTRACTOR TO PROVIDE \$2000 MISCELLANEOUS WHOLESALE PLANT ALLOWANCE. LANDSCAPE ARCHITECT TO TAG PLANTS AT NURSERY				

PLANTING SCHEDULE SECOND / GARAGE LEVEL

ABR.	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
UNDERSTORY TREES / LARGE SHRUBS				
SMA	23	SURIANA MARITIMA	BAY CEDAR	25 GAL. BUSH FORM 4' - 6' FT
SHRUBS & ACCENTS				
MD	20	MONSTERA DELICIOSA	MEXICAN BREADFRUIT	7 GAL. 24 IN.

PLANTING SCHEDULE AMENITY LEVEL

ABR.	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
TREES				
CES	6	CONOCARPUS ERECTUS 'SERICEUS'	SILVER BUTTONWOOD	100 GAL. 12 FT. HT. MIN. 8 FT. SP. - LANDSCAPE ARCHITECT TO TAG
PALMS				
CH1	6	CHAMAEROPS HUMILIS	EUROPEAN FAN PALM	6' - 8' OA MULTI TRUNK SPECIMEN FG. - LA TO TAG IN THE FIELD - SUNSCAPE TREE FARM
CHU	7	CHAMAEROPS HUMILIS	EUROPEAN FAN PALM	45 GAL. 4' - 5' OA MULTI-TRUNK - LA TO TAG IN THE FIELD - SUNSCAPE TREE FARM / PLANT CITY, FL
PRE	7	PHOENIX RECLINATA	SENEGAL DATE PALM	FG. MUTLI-TRUNK 12 FT. - 16 FT. GW (GC PROVIDE IMAGES FOR APPROVAL)
UNDERSTORY TREES / LARGE SHRUBS				
SMA	22	SURIANA MARITIMA	BAY CEDAR	25 GAL. 4' OA BUSH FORM
GLU	130	GYMNANTHES LUCIDA	CRABWOOD	25 GAL. 6' OA BUSH FORM
SHRUBS & ACCENTS				
PL	140	PSYCHOTRIA LIGUSTRIFOLIA	DWARF WILD COFFEE	7 GAL. 24" x 24" (NATIVE SHRUB) DROUGHT TOLERANT
MD	130	MONSTERA DELICIOSA	MEXICAN BREADFRUIT	7 GAL. 3' HT...CONTRACTOR TO PROVIDE IMAGES FOR LA APPROVAL
LM	2040	LIRIOPE MUSCARI 'EMERALD'	SAME	1 GAL. 12 IN. O.C.
TD	82	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	3 GAL. 36 IN. O.C.
AO	200	ALCANTEREA ODORATA	SILVER BROMELIAD	3 GAL.
GROUNDCOVERS				
EL	1220	ERNODEA LITTORALIS	GOLDEN CREEPER	1 GAL. FULL 12 IN. OC.
VINES, WATER PLANTS, MISCELLANEOUS				
TB	9	THUNBERGIA GRANDIFLORA	BLUE SKY VINE	3 GAL. TRELLIS
CONTRACTOR TO PROVIDE \$2000 MISCELLANEOUS WHOLESALE PLANT ALLOWANCE. LANDSCAPE ARCHITECT TO TAG PLANTS AT NURSERY				

PLANTING SCHEDULE ROOF LEVEL

ABR.	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
PALMS				
PRE	3	PHOENIX RECLINATA	SENEGAL DATE PALM	FG. MUTLI-TRUNK 12 FT. - 16 FT. GW (GC PROVIDE IMAGES FOR APPROVAL)
CHU	2	CHAMAEROPS HUMILIS	EUROPEAN FAN PALM	45 GAL. 4' - 5' OA MULTI-TRUNK - LA TO TAG IN THE FIELD - SUNSCAPE TREE FARM / PLANT CITY, FL
SHRUBS & ACCENTS				
MD	84	MONSTERA DELICIOSA	MEXICAN BREADFRUIT	7 GAL. 3' HT...CONTRACTOR TO PROVIDE IMAGES FOR LA APPROVAL
LM	340	LIRIOPE MUSCARI 'EMERALD'	SAME	1 GAL. 12 IN. O.C.

CITY OF MIAMI BEACH LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS Zoning District <u>TC - 1</u> Lot Area <u>49,890</u> SQ.FT. Acres <u>1.15</u> ACRES		
OPEN SPACE		
A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>49,890</u> s.f.x <u>05</u> % = <u>2,495</u> s.f.	REQUIRED/ ALLOWED	PROVIDED
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces <u>3</u> x 10 s.f. parking space = Total square feet of landscaped open space required: A+B=	2,495	3,309
	<u>30</u>	<u>30</u>
	<u>3,525</u>	<u>3,339</u>
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	3,525	3,339
B. Maximum lawn area (sod) permitted= <u>20</u> % x 3,339 s.f.	667	0
TREES		
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= <u>22</u> trees x <u>1.15</u> net lot acres - number of existing trees=	25	25
B. % Natives required: Number of trees provided x 30% = Number of trees provided x 50%=	7.5	25
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	7.5	25
D. Street Trees (maximum average spacing of 20' o.c.) <u>350</u> linear feet along street divided by 20'=	18	18
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): <u>200</u> linear feet along street divided by 20'=	10	10
SHRUBS		
A. Number of shrubs required: Sum of lot and street trees required x 12%=	2,394	2,732
B. % Native shrubs required: Number of shrubs provided x 50%=	1,197	2,558
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 100%=	239	242
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	119	242



NIELSEN
landscape architects

1016 clare avenue, 5
west palm beach, fl
561.402.9414

www.nielsenlandarch.com

COLLINS & 72nd DEVELOPERS
9537 HARDING AVENUE
SURFSIDE, FL 33154
305.867.6344

REVUELTA INTERNATIONAL
2950 SW 27TH STREET, 110
MIAMI, FL 33133
305.590.5000

WWW.REVUELTA-ARCHITECTURE.COM

CLARO DEVELOPMENT
1035 N MIAMI AVENUE, 201
MIAMI, FL 33136
305.324.4700

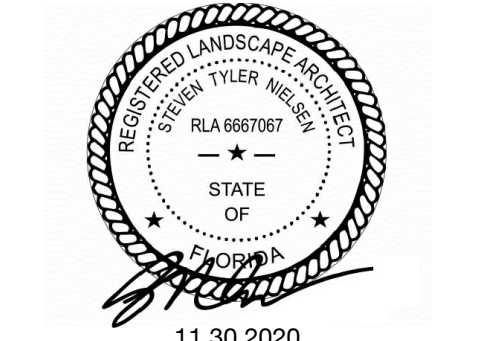
WWW.CLAROCORP.COM

OCEAN ENGINEERING, INC.
333 NE 24TH STREET, 408
MIAMI, FL 33137
786.253.5252

WWW.OCEANENGINEERINGINC.COM

7140 COLLINS HOTEL
7140 COLLINS AVENUE | MIAMI BEACH, FLORIDA 33141

S. TYLER NIELSEN - LA6667067



PLANTING SCHEDULE & NOTES

DATE	
10.17.2016	PLANNING BOARD
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIEW
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMATIC
06.22.2017	80% D.DEVELOPMENT
07.20.2017	100% D.DEVELOPMENT
09.01.2017	30% CD
12.21.2017	PERMIT DRAWINGS
11.16.2020	ZONING REVIEW
11.30.2020	REVISION 01

L700

NIELSEN
landscape architects
1016 clare avenue, 5
west palm beach, fl
561.402.9414
www.nielsenlandarch.com

COLLINS & 72nd DEVELOPERS
9537 HARDING AVENUE
SURFSIDE, FL 33154
305.867.6344

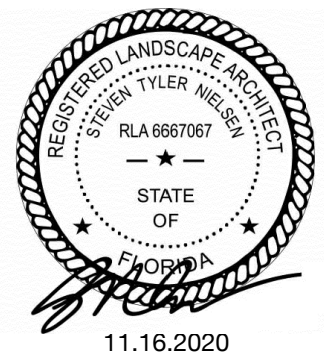
REVUELTA INTERNATIONAL
2950 SW 27TH STREET, 110
MIAMI, FL 33133
305.590.5000

CLARO DEVELOPMENT
1035 N MIAMI AVENUE, 201
MIAMI, FL 33136
305.324.4700
WWW.CLAROCORP.COM

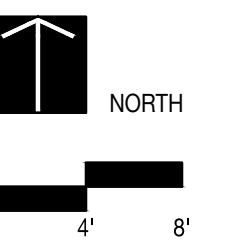
OCEAN ENGINEERING, INC.
333 NE 24TH STREET, 408
MIAMI, FL 33137
786.253.5252
WWW.OCEANENGINEERINGINC.COM

7140 COLLINS HOTEL
7140 COLLINS AVENUE | MIAMI BEACH, FLORIDA 33141

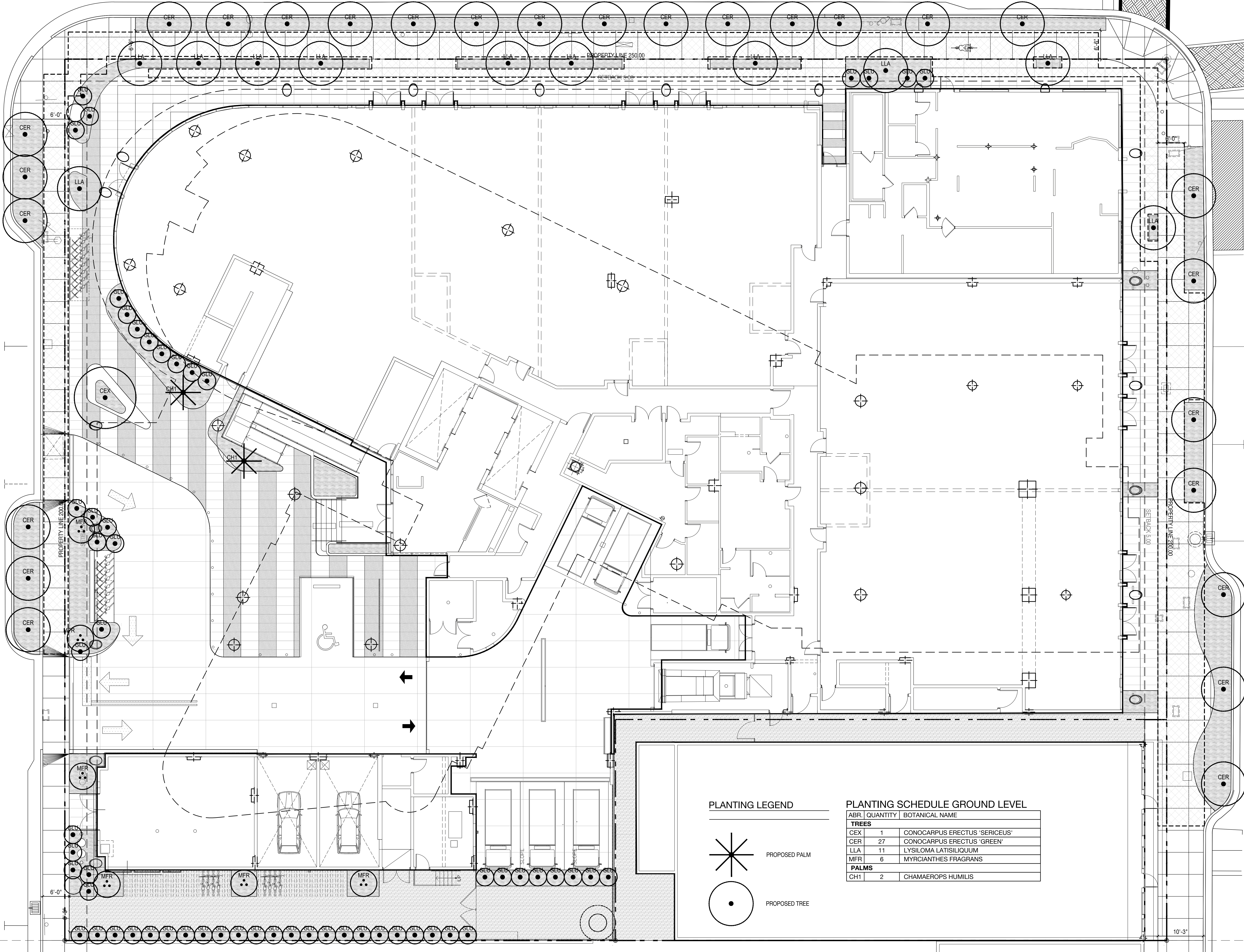
S. TYLER NIELSEN - LA6667067



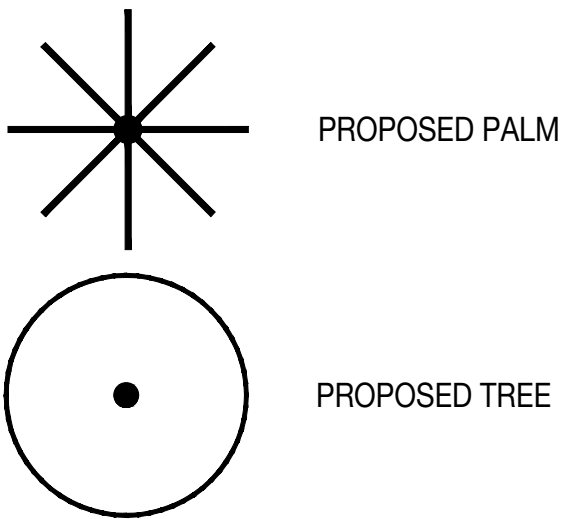
TREE & PALM PLANTING PLAN	
DATE	
10.17.2016	PLANNING BOARD
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIEW
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMATIC
06.22.2017	80% D.DEVELOPMENT
07.20.2017	100% D.DEVELOPMENT
09.01.2017	30% CD
12.21.2017	PERMIT DRAWINGS
11.16.2020	ZONING REVIEW



L701



PLANTING LEGEND



PLANTING SCHEDULE GROUND LEVEL

ABR.	QUANTITY	BOTANICAL NAME
TREES		
CEX	1	CONOCARPUS ERECTUS 'SERICEUS'
CER	27	CONOCARPUS ERECTUS 'GREEN'
LLA	11	LYSILOMA LATISILIQUUM
MFR	6	MYRCIANTHES FRAGRANS
PALMS		
CH1	2	CHAMAEROPS HUMILIS

NIELSEN
landscape architects
1016 clare avenue, 5
west palm beach, fl
561.402.9414
www.nielsenlandarch.com

COLLINS & 72nd DEVELOPERS
9537 HARDING AVENUE
SURFSIDE, FL 33154
305.867.6344

REVUELTA INTERNATIONAL
2950 SW 27TH STREET, 110
MIAMI, FL 33133
305.590.5000
WWW.REVUELTA-ARCHITECTURE.COM

CLARO DEVELOPMENT
1035 N MIAMI AVENUE, 201
MIAMI, FL 33136
305.324.4700
WWW.CLAROCORP.COM

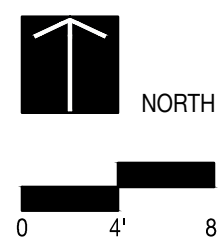
OCEAN ENGINEERING, INC.
333 NE 24TH STREET, 408
MIAMI, FL 33137
786.253.5252
WWW.OCEANENGINEERINGINC.COM

7140 COLLINS HOTEL
7140 COLLINS AVENUE | MIAMI BEACH, FLORIDA 33141

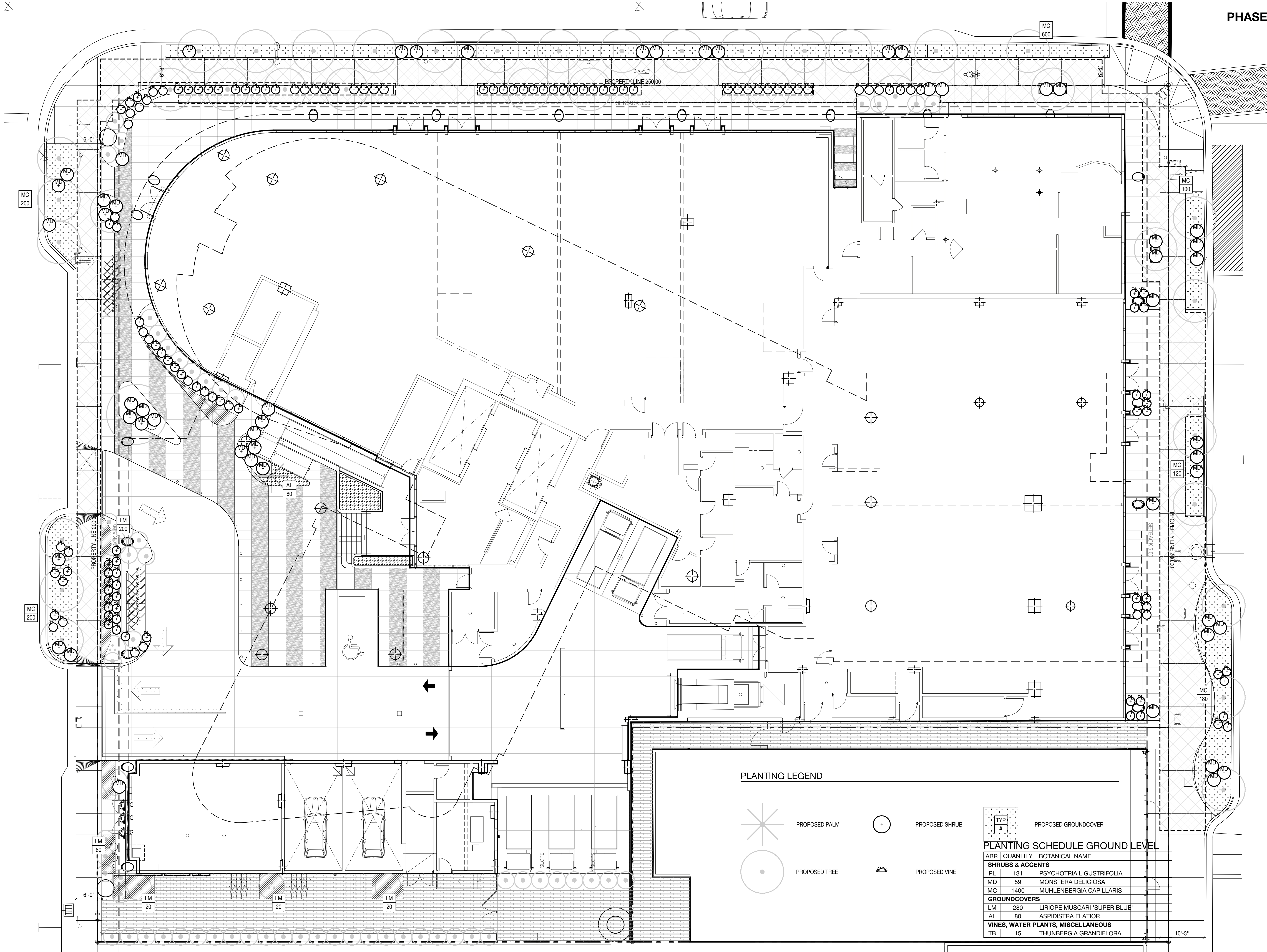
S. TYLER NIELSEN - LA6667067



UNDERSTORY PLANTING PLAN	
DATE	
10.17.2016	PLANNING BOARD
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIEW
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMATIC
06.22.2017	80% D.DEVELOPMENT
07.20.2017	100% D.DEVELOPMENT
09.01.2017	30% CD
12.21.2017	PERMIT DRAWINGS
11.16.2020	ZONING REVIEW



L705



PLANTING LEGEND

	PROPOSED PALM		PROPOSED SHRUB
	PROPOSED TREE		PROPOSED VINE

TYP	#	PROPOSED GROUNDCOVER
-----	---	----------------------

PLANTING SCHEDULE GROUND LEVEL

ABR.	QUANTITY	BOTANICAL NAME
SHRUBS & ACCENTS		
PL	131	PSYCHOTRIA LIGUSTRIFOLIA
MD	59	MONSTERA DELICIOSA
MC	1400	MUHLENBERGIA CAPILLARIS
GROUNDCOVERS		
LM	280	LIRIOPE MUSCARI 'SUPER BLUE'
AL	80	ASPIDISTRA ELATOR
VINES, WATER PLANTS, MISCELLANEOUS		
TB	15	THUNBERGIA GRANDIFLORA