

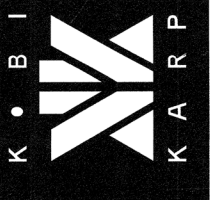
P+Z COMMENTS	11.13.15

1561

STAR ISLAND RESIDENCE
6 STAR ISLAND DRIVE
MIAMI BEACH, FL 33139

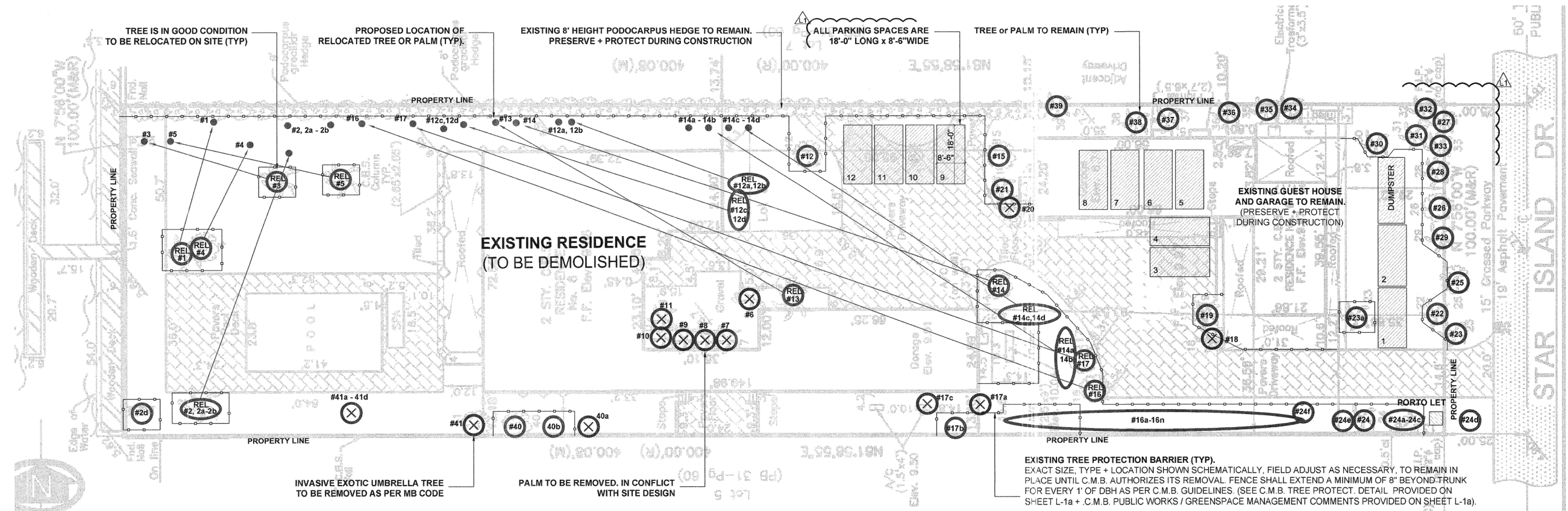
CHRISTOPHER CAWLEY, AIA
LANDSCAPE ARCHITECT
11.12.15

ARCHITECTURE
INTERIOR DESIGN
PLANNING
AIA ASID NCARB



DRAWN BY:
CHECKED BY:
DATE: 10/07/2015

L-1



P+Z COMMENTS DATED 11.13.15

1. Coordinated with Architect to provide a revised Existing Tree Disposition + Protection Plan that also includes the location of temporary construction parking layout. (See Sheet L-1)
2. Coordinated with Civil Engineer to address retention + protection of existing trees on Grading / Drainage Plans. (See Civil Engineer's Plans)
3. Land surveyor has verified the location of Mahogany Tree #12. Autocourt and drive areas have been adjusted to be a min. of 10' distance from face of tree trunk. (See Sheet L-2)
- 4.5. Prior to demolition permit approval, a copy of the CMB Tree Removal Permit will be provided and temporary fences shall be approved on site by MB P+Z / Mr. Ricardo Guzman.
6. There is very limited planting currently located in the ROW area, and the majority of ROW area is currently open lawn. Please note that there is an extensive tropical garden located on private property adjacent to the ROW line. Based on the beauty of the existing tropical landscape, the Land. Arch. requests to keep the existing conditions as is, and have the (4) canopy street tree requirement waived.
7. Modified Landscape Plans to include A/C equipment and provided 6' Podocarpus where screening is necessary. (See Sheets L-1, L-1a, L-2 and L-5)

TREE PROTECTION BARRIERS - POST DEMOLITION

LOCATION OF TREE PROTECTION BARRIERS POST DEMOLITION IS TO BE ADJUSTED AS REQUIRED TO ACCOMMODATE FUTURE LAYOUT

C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION PLAN NOTES

1. THIS 'EXISTING TREE INVENTORY + DISPOSITION PLAN' HAS BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION and PROTECTION ORDINANCE.
2. EXISTING TREE, PALM, AND VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY AMERICAN SERVICES OF MIAMI CORP., DATED JUNE 09, 2015
3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 11.05.15.
4. THE OWNER RESERVES THE RIGHT TO REMOVE ANY VEGETATION NOT LOCATED WITHIN THE CITY R.O.W. w/ a D.B.H. OF LESS THAN 8" WITHOUT OBTAINING A TREE REMOVAL PERMIT.
5. RELOCATED TREES AND PALMS REQUIRE TEMPORARY IRRIGATION UNTIL ESTABLISHED. LANDSCAPE CONTRACTOR TO PROVIDE TEMPORARY IRRIGATION SHOP DRAWING TO OWNER + LAND. ARCH. FOR REVIEW + APPROVAL. ALL EXISTING TREES + PALMS ARE MATURE AND ARE CURRENTLY THRIVING WITHOUT SUPPLEMENTAL IRRIGATION WATER.

C.M.B. - EXISTING TREE SURVEY LEGEND

- ⊗ TREE or PALM TO BE REMOVED. SEE CHART L-1b.
- # TREE or PALM TO REMAIN. PRESERVE + PROTECT
- REL # TREE or PALM TO BE RELOCATED
- RELOCATED TREE or PALM
- TREE or PALM PROTECTION FENCE

City of Miami Beach
Planning Department
Landscape Review
APPROVED
En 11/24/15

C.M.B. - EXISTING TREE INVENTORY + DISPOSITION CHART - 6 STAR ISLAND

NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	D.B.H.	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	CANOPY AREA	CANOPY LOSS / MITIGATION REQUIRED (SF)	COMMENTS
#1	Coconut Palm	Cocos nucifera	NO	+/- 10"	+/- 35'	+/- 15'	GOOD	RELOCATE	177 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#2, 2a-2b	Coconut Palms	Cocos nucifera	NO	+/- 8"	+/- 35'	+/- 15'	GOOD	RELOCATE	177 SF	0 SF	SEE PROPOSED NEW LOCATION
#2d	Silver Buttonwood Tree	Conocarpus erectus 'sericeus'	NO	+/- 8"	+/- 12'	+/- 15'	GOOD	REMAIN	177 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#3	Royal Palm	Roystonia elata	YES	+/- 18"	+/- 50'	+/- 15'	GOOD	RELOCATE	177 SF	0 SF	SEE PROPOSED NEW LOCATION
#4	Coconut Palm	Cocos nucifera	NO	+/- 8"	+/- 35'	+/- 15'	GOOD	RELOCATE	177 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#5	Royal Palm	Roystonia elata	YES	+/- 18"	+/- 50'	+/- 15'	GOOD	RELOCATE	177 SF	0 SF	SEE PROPOSED NEW LOCATION
#6	Montgomery Palm	Veitchia montgomeryana	NO	+/- 7"	+/- 28'	+/- 8'	GOOD	REMOVE	50 SF	50 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#7	Montgomery Palm	Veitchia montgomeryana	NO	+/- 7"	+/- 28'	+/- 8'	GOOD	REMOVE	50 SF	50 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#8	Montgomery Palm	Veitchia montgomeryana	ND	+/- 7"	+/- 28'	+/- 8'	GOOD	REMOVE	50 SF	50 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#9	Montgomery Palm	Veitchia montgomeryana	NO	+/- 7"	+/- 28'	+/- 8'	GOOD	REMOVE	50 SF	50 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#10	Montgomery Palm	Veitchia montgomeryana	NO	+/- 7"	+/- 28'	+/- 8'	GOOD	REMOVE	50 SF	50 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#11	Montgomery Palm	Veitchia montgomeryana	ND	+/- 7"	+/- 28'	+/- 8'	GOOD	REMOVE	50 SF	50 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#12	Mahogany Tree	Swietenia mahagoni	YES	+/- 36"	+/- 50'	+/- 50'	GOOD	REMAIN	1964 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#12a,b	Satakenia Palm	Satakenia lukuensis	NO	+/- 6"	+/- 12'	+/- 8'	GOOD	RELOCATE	50 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#12c,d	Satakenia Palm	Satakenia lukuensis	NO	+/- 6"	+/- 12'	+/- 8'	GOOD	RELOCATE	50 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#13	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 30'	+/- 8'	GOOD	RELOCATE	50 SF	0 SF	SEE PROPOSED NEW LOCATION
#14	Silk Floss Tree	Cela speciosa	YES	+/- 22"	+/- 35'	+/- 32'	GOOD	RELOCATE	804 SF	0 SF	SEE PROPOSED NEW LOCATION
#14a-14d	Black Calabash Trees	Amphitecna latifolia	NO	+/- 6"	+/- 16'	+/- 14'	GOOD	RELOCATE	1964 SF	0 SF	SEE PROPOSED NEW LOCATION
#15	Pitch Apple Tree	Clusia rosea	YES	+/- 36"	+/- 40'	+/- 24'	GOOD	REMAIN	452 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#16	Verawood Tree	Bulnesia arborea	NO	+/- 9"	+/- 25'	+/- 18'	GOOD	RELOCATE	254 SF	0 SF	SEE PROPOSED NEW LOCATION
#16a-n	Traveller's Palms	Ravensala madagascariensis	YES	+/- 36"	+/- 20'	+/- 10'	GOOD	REMAIN	254 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#17	Verawood Tree	Bulnesia arborea	NO	+/- 10"	+/- 25'	+/- 18'	GOOD	RELOCATE	254 SF	0 SF	SEE PROPOSED NEW LOCATION
#17a	Gumbo Limbo Tree	Bursera simaruba	YES	+/- 28"	+/- 35'	+/- 25'	POOR	REMOVE	254 SF	254 x 2 = 508 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#17b	Montgomery Palm	Veitchia montgomeryana	NO	+/- 7"	+/- 35'	+/- 15'	FAIR	REMAIN	177 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#17c	Montgomery Palm	Veitchia montgomeryana	NO	+/- 7"	+/- 35'	+/- 10'	FAIR	REMOVE	79 SF	79 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#18	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 28'	+/- 8'	GOOD	DEAD	50 SF	0 SF	PALM FOUND DEAD DURING LATEST FIELD INVESTIGATION
#19	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 28'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#20	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 30'	+/- 8'	GOOD	DEAD	50 SF	0 SF	PALM FOUND DEAD DURING LATEST FIELD INVESTIGATION
#21	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 30'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#22	Cuban Royal Palm	Roystonia regia	YES	+/- 18"	+/- 60'	+/- 10'	GOOD	REMAIN	79 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION

C.M.B. - EXISTING TREE INVENTORY + DISPOSITION CHART - 6 STAR ISLAND

NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	D.B.H.	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	CANOPY AREA	CANOPY LOSS / MITIGATION REQUIRED (SF)	COMMENTS
#23	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#23a	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#24	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#24a-24c	Black Calabash Trees	Amphitecna latifolia	NO	+/- 6"	+/- 16'	+/- 14'	GOOD	REMAIN	1964 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#24d	Simpson Stopper Tree	Myrcianthes fragrans	NO	+/- 10"	+/- 14'	+/- 10'	GOOD	REMAIN	79 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#24e	Montgomery Palms (double)	Veitchia montgomeryana	YES	+/- 15"	+/- 26'	+/- 8'	GOOD	REMAIN	1964 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#24f	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#25	Pigeon Plum Tree	Coccoloba diversifolia	YES	+/- 37"	+/- 45'	+/- 25'	GOOD	REMAIN	491 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#26	Pitch Apple Tree	Clusia rosea	YES	+/- 30"	+/- 45'	+/- 24'	GOOD	REMAIN	452 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#27	Cuban Royal Palm	Roystonia regia	YES	+/- 18"	+/- 60'	+/- 10'	GOOD	REMAIN	79 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#28	Cuban Royal Palm	Roystonia regia	YES	+/- 18"	+/- 50'	+/- 10'	GOOD	REMAIN	79 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#29	Cuban Royal Palm	Roystonia regia	YES	+/- 18"	+/- 50'	+/- 10'	GOOD	REMAIN	79 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#30	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	1964 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#31	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	1964 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#32	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	1964 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#33	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	1964 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#34	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#35	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#36	Oil Palm	Elaeis guineensis	YES	+/- 30"	+/- 40'	+/- 22'	GOOD	REMAIN	380 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#37	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#38	Satakenia Palm	Satakenia lukuensis	NO	+/- 10"	+/- 23'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#39	Oil Palm	Elaeis guineensis	NO	+/- 10"	+/- 40'	+/- 16'	GOOD	REMAIN	201 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#40	Hardwood Tree	Same	YES	+/- 38"	+/- 50'	+/- 30'	GOOD	REMAIN	707 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#40a	Areca Palm	Dypsis lutescens	NO	N/A	+/- 25'	+/- 10'	GOOD	REMOVE	79 SF	79 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#40b	Bamboo Species	Same	NO	+/- 24"	+/- 25'	+/- 20'	GOOD	REMAIN	314 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#41	Umbrella Tree	Schefflera actinophylla	NO	+/- 8"	+/- 30'	+/- 12'	GOOD	REMOVE	113 SF	113 SF	INVASIVE EXOTIC. REMOVE AS PER MB CODE
#41a-d	Pygmy Date Palms	Phoenix roebelenii	NO	+/- 4"	+/- 8'	+/- 14'	GOOD	REMOVE	154 SF	154 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED

TOTAL MITIGATION REQUIRED: 1,233 SF
TOTAL MITIGATION PROVIDED: 1,300 SF

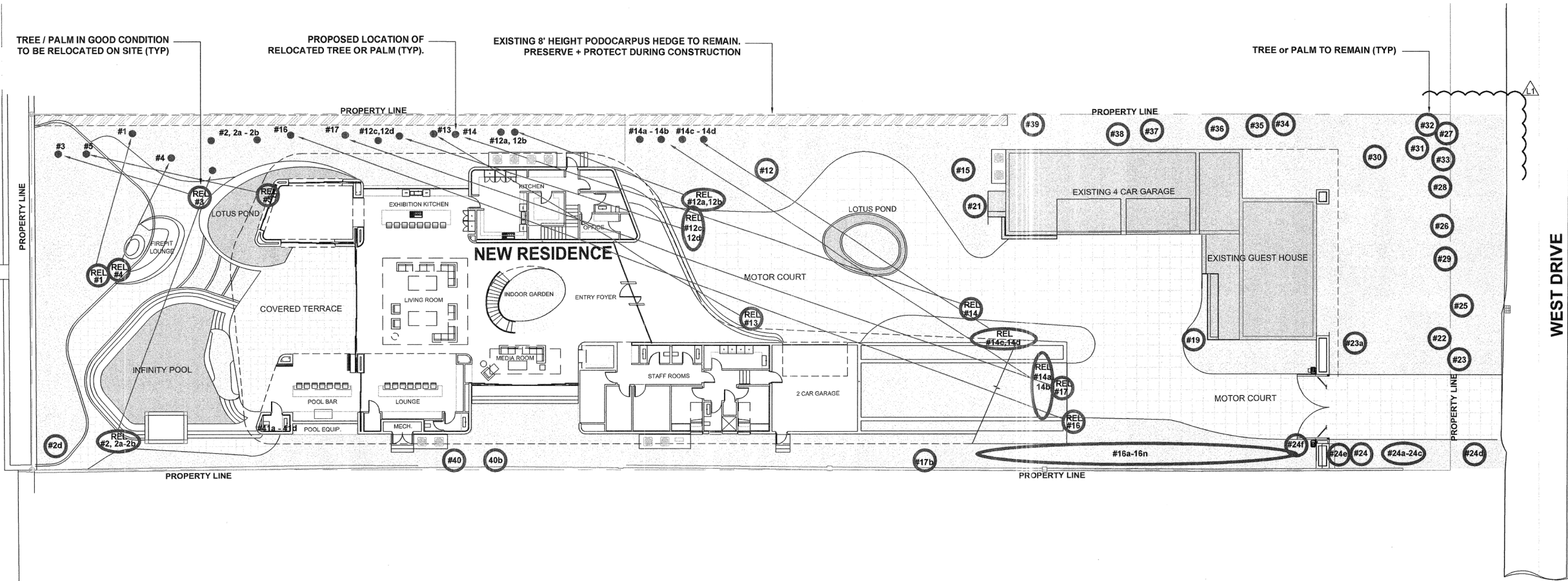
EXISTING TREE INVENTORY + DISPOSITION PLAN



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LANDSCAPE ARCHITECTURE LLC | LA
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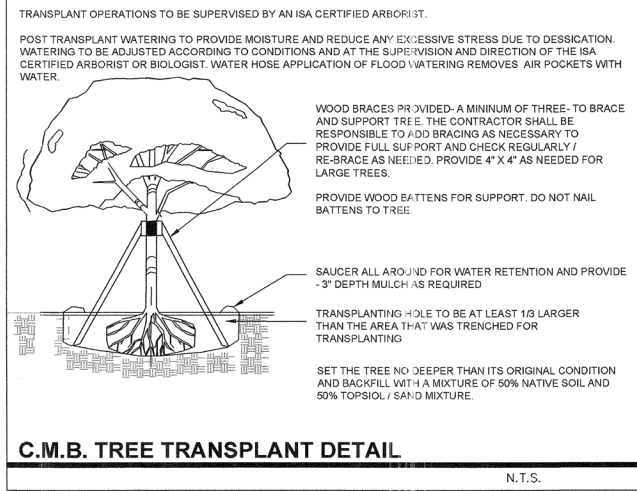
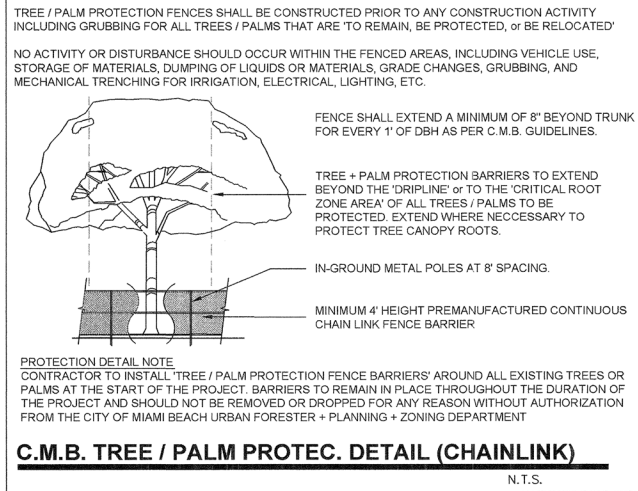
BISCAYNE BAY

WEST DRIVE



P+Z COMMENTS DATED 11.13.15

1. Coordinated with Architect to provide a revised Existing Tree Disposition + Protection Plan that also includes the location of temporary construction parking layout. (See Sheet L-1)
2. Coordinated with Civil Engineer to address retention + protection of existing trees on Grading / Drainage Plans. (See Civil Engineer's Plans)
3. Land surveyor has verified the location of Mahogany Tree #12. Autocourt and drive areas have been adjusted to be a min. of 10' distance from face of tree trunk. (See Sheet L-2)
- 4.5. Prior to demolition permit approval, a copy of the CMB Tree Removal Permit will be provided and temporary fences shall be approved on site by MB P+Z / Mr. Ricardo Guzman.
6. There is very limited planting currently located in the ROW area, and the majority of ROW area is currently open lawn. Please note that there is an extensive tropical garden located on private property adjacent to the ROW line. Based on the beauty of the existing tropical landscape, the Land. Arch. requests to keep the existing conditions as is, and have the (4) canopy street tree requirement waived.
7. Modified Landscape Plans to include A/C equipment and provided 6' Podocarpus where screening is necessary. (See Sheets L-1, L-1a, L-2 and L-5)



C.M.B. - EXISTING TREE SURVEY LEGEND

- # TREE or PALM TO REMAIN. PRESERVE + PROTECT
- REL # TREE or PALM TO BE RELOCATED
- RELOCATED TREE or PALM

City of Miami Beach
Planning Department
Landscape Review
APPROVED
EPA 11/24/15

TREE TRANSPLANTING PROCEDURAL SPECIFICATION

PURPOSE: TO MAXIMIZE THE SUCCESS OF TREE TRANSPLANTING OPERATIONS.

ALL STANDARDS SHALL MEET OR EXCEED THE ANSI A300 (PART 9)-2005 (TRANSPLANTING) STANDARD PRACTICES AND ANY APPLICABLE LOCAL CODES.

CONTRACTOR SHALL EMPLOY AN ISA CERTIFIED ARBORIST OR BIOLOGIST WITH VERIFIABLE TREE TRANSPLANT EXPERIENCE AS THE "EXPERT ARBORIST OF RECORD" TO CARRY OUT THE FOLLOWING DUTIES:

SHALL MAKE SITE VISITS PRIOR TO AND DURING ANY RELOCATION WORK TO INSPECT THAT PROPER PREPARATION IS PERFORMED ACCORDING TO ALL APPLICABLE TREE RELOCATION GUIDELINES.

SHALL DOCUMENT ALL INSPECTIONS AND PROVIDE REPORT TO THE OWNER'S AGENT WITHIN 5 BUSINESS DAYS OF SITE VISIT.

SHALL SUBMIT PRIOR TO FINAL ACCEPTANCE BY OWNER'S AGENT, A POST-TRANSPLANT CARE GUIDE FOR UP TO THREE YEARS THAT INCLUDES WATERING, FERTILIZATION, PRUNING, PEST CONTROL, STAKING, ETC

C.M.B. PUBLIC WORKS / GREENSPACE MANAGEMENT COMMENTS

1. SHOULD ANY EXISTING TREES OR PALMS BE DAMAGED THEY SHALL BE EVALUATED BY THE CITY URBAN FORESTER TO DETERMINE CORRECTIVE ACTIONS THAT MAY INCLUDE REMOVAL, CORRECTIVE PRUNING AND OR REPLACEMENT. ANY CORRECTIVE ACTIONS REQUIRED SHALL BE PERFORMED IN ACCORDANCE WITH MIAMI BEACH CODE, THE MOST CURRENT ANSI A-300 PRUNING STANDARDS AND OR AN ISSUED CITY OF MIAMI BEACH TREE WORK PERMIT. ANY CORRECTIVE PRUNING REQUIRED SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST AND THE CITY URBAN FORESTER SHALL BE CONSULTED.
2. CARE SHALL BE TAKEN TO AVOID UTILITY OR CONSTRUCTION TRENCHING THROUGH EXISTING TREE OR PALM DRIPLINES OF TREES SLATED TO REMAIN IN PLACE OR BE RELOCATED. IF CONSTRUCTION REQUIRES THE CUTTING OF ANY ROOTS WITH A DIAMETER OF 2" OR GREATER, ROOTS SHALL BE CLEANLY CUT WITH A SHARP TOOL, AS DIRECTED BY AN ISA CERTIFIED ARBORIST, AND IN ACCORDANCE WITH THE ANSI A-300 STANDARDS. CUT ROOTS SHOULD BE IMMEDIATELY COVERED WITH SOIL TO PREVENT DRYING. ROOTS SHOULD NOT BE TORN OR BROKEN BY HEAVY EQUIPMENT, AND NO SHREDDED, RAGGED OR BROKEN ROOT ENDS SHOULD BE LEFT. THE CITY URBAN FORESTER SHALL BE NOTIFIED IN WRITING AND OR CONSULTED PRIOR TO ANY ROOT PRUNING TAKING PLACE.
3. SHOULD ANY CORRECTIVE STRUCTURAL PRUNING BE NECESSARY FOR TREES PROPOSED TO REMAIN ONSITE, DUE TO CLEARANCE, SAFETY OR FOR CONSTRUCTION RELATED REASONS THE PRUNING SHALL BE PERFORMED BY AN ISA OR ASCA CERTIFIED ARBORIST IN ACCORDANCE WITH THE LATEST VERSION OF THE ANSI A-300 PRUNING STANDARDS AND GOOD HORTICULTURAL PRACTICES. THE CITY URBAN FORESTER SHALL BE PROVIDED WITH A WRITTEN COPY OF THE PROPOSED PRUNING PLAN INCLUDING THE REASONS WHY PRUNING IS NECESSARY, PRIOR TO THE PRUNING ACTIVITIES TAKING PLACE.
4. ANY ROOT PRUNING, IF REQUIRED DURING THE PROJECT, SHALL BE CONDUCTED UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST OR ASCA CONSULTING ARBORIST. ANY ROOT PRUNING, IF REQUIRED, WILL BE LIMITED TO WHAT IS ABSOLUTELY NECESSARY FOR CONSTRUCTION. ADDITIONALLY, AND ROOT PRUNING WORK WILL BE DOCUMENTED WITH COLOR PICTURES AND PROVIDED TO MR. MARK WILLIAMS AT C.M.B. PUBLIC WORKS / GREENSPACE MANAGEMENT + MR. RICARDO GUZMAN AT C.M.B. PLANNING + ZONING DEPARTMENTS ON A REGULAR BASIS.

EXISTING TREE LOCATIONS + PROPOSED SITE PLAN OVERLAY



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Florida Landscape Architecture Business LC 26000460
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REVISIONS / SUBMISSIONS	
P+Z COMMENTS	11.13.15

1561

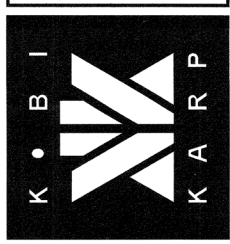
ALL DRAWINGS AND WRITTEN MATERIAL APPROVING HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF KOB KARP AIA, AND MAY NOT BE DUPLICATED, USED, OR DISCLOSED WITHOUT THE EXPRESS WRITTEN CONSENT OF KOB KARP ARCHITECTURE & INTERIOR DESIGN, INC. AIA-191-2015.

STAR ISLAND RESIDENCE
6 STAR ISLAND DRIVE
MIAMI BEACH, FL 33139

CHRISTOPHER CAWLEY, AIA
Florida Landscape A 26000460
11.17.15

City of Miami Beach
Planning Department
Landscape Review
APPROVED
EPA 11/24/15

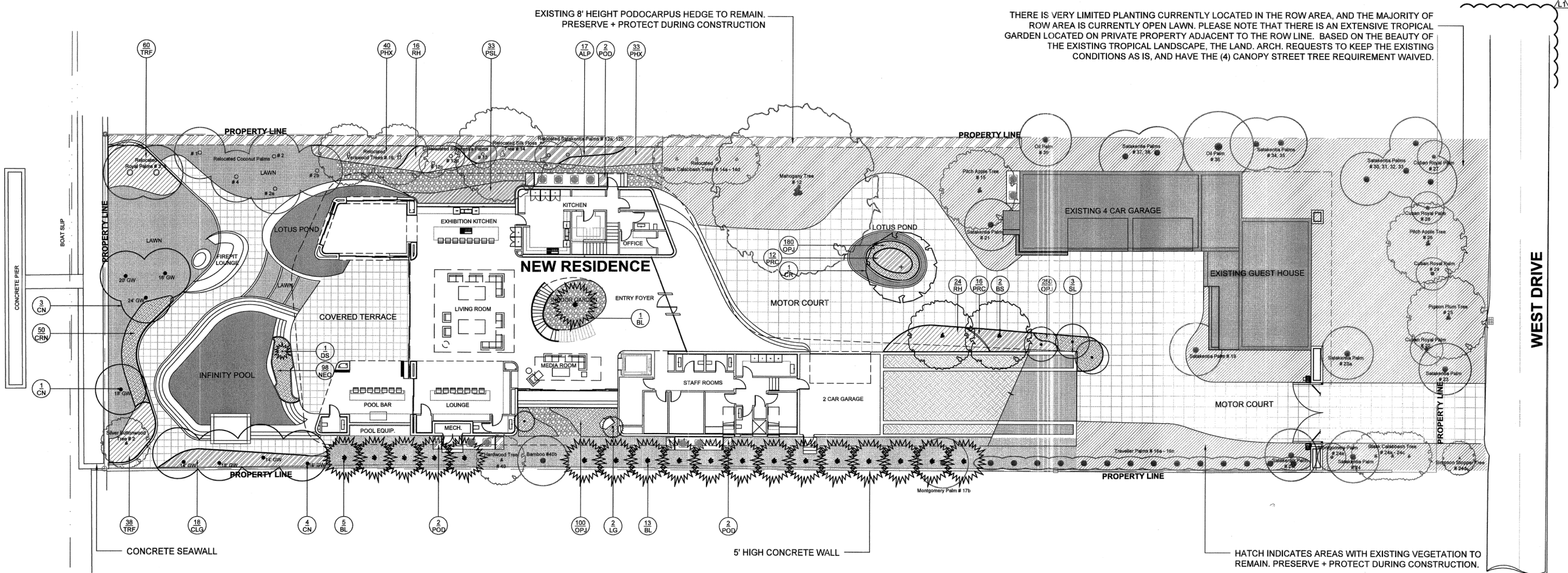
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DRAWN BY:
CHECKED BY:
DATE: 10/07/2015

L-1a

BISCAYNE BAY



P+Z COMMENTS DATED 11.13.15

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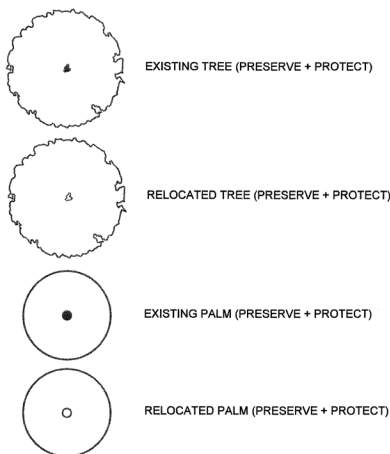
CANOPY MITIGATION NOTES

A TOTAL 1,300 SF OF CANOPY HAS BEEN PROVIDED.

CANOPY MITIGATION SUMMARY

- (2) NATIVE GUMBO LIMBO TREES: 600 SF (MB category I @ 300 SF each)
- (1) NATIVE CLUSIA ROSEA TREE: 300 SF (MB category I @ 300 SF each)
- (8) COCONUT PALMS: 400 SF (MB category IV @ 50 SF each)

EXISTING TREE + PALM LEGEND



LANDSCAPE LEGEND

MIAMI - DADE COUNTY LANDSCAPE ORDINANCE CHAPTER 18-A (RESIDENTIAL VERSION)

TREES
3 TREES REQUIRED PER LOT / 3 NEW TREES PROVIDED MEETING MINIMUM REQUIREMENT
(2 NATIVE GUMBO LIMBO TREES + 1 NATIVE CLUSIA ROSEA TREE)

NATIVE TREES
30% OF REQUIRED TREES OR .30 X 3 = .9 NATIVE TREES REQUIRED / 3 NEW NATIVE TREES PROVIDED
(2 NATIVE GUMBO LIMBO TREES + 1 NATIVE CLUSIA ROSEA TREE)

SHRUBS
10 SHRUBS REQUIRED FOR EACH REQUIRED TREE OR 10 X (3) = 30 REQUIRED / 51 SHRUBS PROVIDED
(18 SMALL LEAF CLUSIA SHRUBS + 33 NATIVE DWARF BAHAMA COFFEE SHRUBS)

NATIVE SHRUBS
30% OF TOTAL SHRUBS REQUIRED MUST BE NATIVE OR .30 X 30 = 9 / 33 NATIVE SHRUBS PROVIDED
(33 NATIVE DWARF BAHAMA SHRUBS PROVIDED)

LAWN AREA
50% MAXIMUM OF LANDSCAPE AREA: NEW LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA

IRRIGATION SYSTEM
100% COVERAGE PROVIDED PURSUANT TO MIAMI DADE CODE

LANDSCAPE PLAN NOTES

1. THE PROPOSED LANDSCAPE AND IRRIGATION DESIGN MEETS AND EXCEEDS THE LANDSCAPE CODE REQUIREMENTS AS STIPULATED IN CHAPTER 18-A, MIAMI DADE COUNTY LANDSCAPE ORDINANCE. SEE LANDSCAPE LEGEND SHEET THIS SHEET.
2. ALL LANDSCAPE AREAS TO BE 100% COVERED BY A FULLY AUTOMATIC IRRIGATION SYSTEM WITH RAIN SENSOR. BEFORE INSTALLATION THE CONTRACTOR IS TO PROVIDE SHOP DRAWINGS OF THE OF THE IRRIGATION SYSTEM TO THE LANDSCAPE ARCHITECT AND OWNER FOR REVIEW AND APPROVAL. THE IRRIGATION PLAN AS PROVIDED IN THESE DRAWINGS IS SCHEMATIC IN NATURE AND SHALL BE ADJUSTED BASED ON 'AS BUILT' FIELD CONDITIONS.
3. THE LANDSCAPE PERMIT DRAWINGS ARE TO BE UTILIZED FOR LANDSCAPE AND IRRIGATION PURPOSES ONLY. ALL SITE IMPROVEMENTS INCLUDING GRADING AND DRAINAGE TO BE BY OTHERS. REFER TO ARCHITECTURE AND ENGINEERING PLANS FOR ALL ADDITIONAL INFORMATION.
4. ALL TREE LOCATIONS, PALM LOCATIONS, AND PLANTING BED LINES ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. THE LANDSCAPE CONTRACTOR SHALL SCHEDULE AN ON SITE MEETING WITH THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO BEGINNING ANY WORK.

PLANTLIST - 6 STAR ISLAND

KEY	NATIVE	QTY.	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
BS	YES	2	GUMBO LIMBO TREE	Bursera simaruba	Field grown, multi-trunk, specimen, equal to Treeworld Wholesale, to be selected
CR	YES	1	PITCH APPLE TREE	Clusia rosea	Field grown, multi-trunk, specimen, equal to Treeworld Wholesale, to be selected
PALMS					
CN	NO	8	'GR. MALAYAN' COCONUT PALM	Cocos nucifera 'Green Malayan'	Full heads, Florida Fancy, see landscape plans for grey wood
DS	YES	1	MEXICAN CYCAD	Dioon spinulosum	6' x 6', equal to Botanica Wholesale
LG	NO	2	LICUALA PALM	Licuala peltata 'Suwewongii'	6' overall height, equal to Botanica Wholesale
RH	NO	40	LADY PALM	Rhapis excelsa	4' overall height, full to base, equal to Botanica Wholesale
SL	NO	3	TEDDY BEAR PALM	Satakenia liliuensis	8-10' grey wood, full heads, matched specimens
BAMBOO					
BL	NO	19	GIANT BLACK BAMBOO	Bambusa Lako	25' minimum height, full, specimen
SHRUBS					
CLG	NO	18	SMALL LEAF CLUSIA	Clusia guttifera	8' overall height, full to base, specimen shrubs, 4' o.c. or as required to create a full screen
POD	NO	8	PODOCARPUS	Podocarpus macrophyllus	30 gallon, 6' height or as necessary to screen A/C equipment
PSL	YES	33	DWARF BAHAMA COFFEE	Psychotria ligustrifolia	3 gallon, full, space 30" on center
TROPICALS, GROUNDCOVERS, + ACCENTS					
ALP	YES	17	RED GINGER	Alpinia purpurata	25 gallon, full, 48" on center
CRN	NO	50	CLUSIA ROSEA 'NANA'	Same	3 gallon, full, 24" on center
NEO	NO	98	NEOREGELIA 'BOSSA NOVA'	Same	2 gallon, space 24" on center
OPJ	NO	100	MONDO GRASS	Ophiopogon japonicus	1 gallon, space 8" on center
PHX	NO	73	PHILODENDRON 'XANADU'	Same	3 gallon, full, 24" on center
PRC	NO	28	PHILODENDRON 'ROJO CONGO'	Same	3 gallon, full, 36" on center
TRF	YES	98	DWARF FAKAHATCHEE GRASS	Tripsacum floridanum	3 gallon, full, 24" on center
AQUATIC PLANTS					
NYL	NO	—	WATER LILY	Nymphaea lotus	3 gallon
VLH	NO	—	GIANT LILY PAD	Victoria 'Longwood hybrid'	7 gallon
SOD, AGGREGATE & MULCH					
DGA	3/8"	DECOMPOSED GRANITE AGGREGATE OR STONE TO BE SELECTED, INSTALLED OVER FILTER FABRIC AND WEED BARRIER MATERIAL / OLIMAR, 2" MIN. DEPTH			
MLC	DARK BROWN 'FLORI MULCH' SHREDDED ORGANIC MULCH (NO CYPRESS), TO BE DETERMINED				
PRR	1'-2" MIX OF POLISHED RIVER ROCK, COLOR TO BE SELECTED + APPROVED, 3" MIN. DEPTH, INSTALL OVER FILTER FABRIC				
SOD	'EMPIRE TURF' ZOYSIA GRASS - OVER 2" TOPSOIL BED, SEE PLANTING SPECS				

City of Miami Beach
Planning Department

City of Miami Beach
Planning Department

Landscape Review
APPROVED

En 11/24/15

GROUND FLOOR LANDSCAPE PLAN

1/16" = 1'-0"
0' 16' 32' 48'



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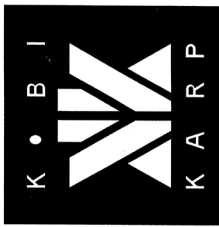
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MIAMI BEACH, FL 33139

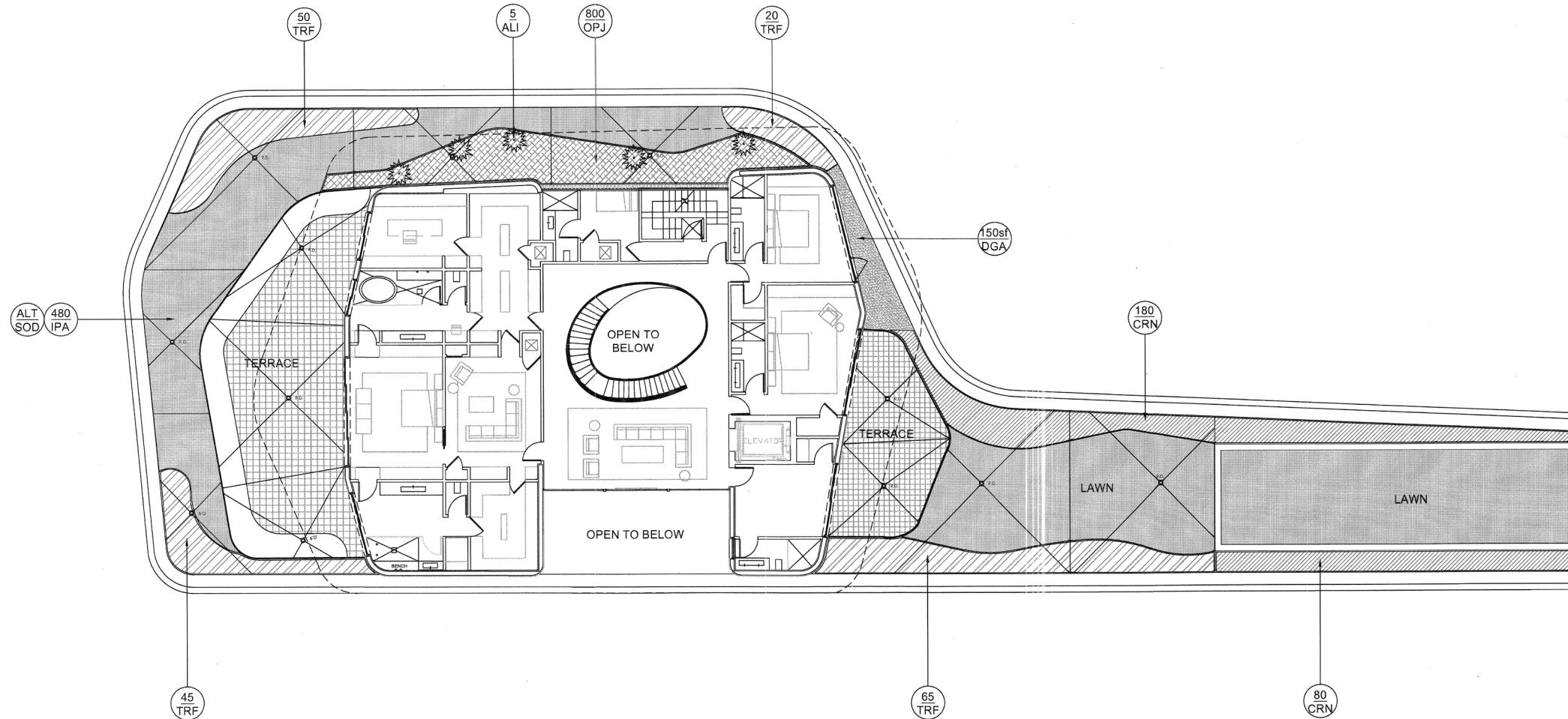
CHRISTOPHER CAWLEY, RLA
Florida Landscape Architect
11/13/15

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DATE: 10/07/2015

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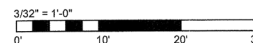
LANDSCAPE PLAN NOTES

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PLANTLIST - 6 STAR ISLAND

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TROPICALS, GROUNDCOVERS, + ACCENTS					
ALI	NO	5	IMPERIAL BROMELIAD	Alcantarea imperialis	3 gallon, full, 18" on center
CRN	NO	260	CLUSIA ROSEA 'NANA'	Same	3 gallon, full, 24" on center
OPJ	NO	800	MONDO GRASS	Ophiopogon japonicus	1 gallon, full, 6" on center
TRF	YES	180	DWARF FAKAHATCHEE GRASS	Tripsacum dactyloides	3 gallon, full 24" on center
VINES					
IPA	NO	480	OCEAN BLUE MORNING GLORY	Ipomoea indica var. acuminata	1 gallon, full, 12" on center
SOD, AGGREGATE & MULCH					
DGA	3/8" DECOMPOSED GRANITE AGGREGATE OR STONE TO BE SELECTED, INSTALLED OVER FILTER FABRIC AND WEED BARRIER MATERIAL / OLIMAR, 2" MIN. DEPTH				
MLC	DARK BROWN 'FLORI MULCH' SHREDDED ORGANIC MULCH (NO CYPRESS), TO BE DETERMINED				
SOD	'EMPIRE TURF' ZOYSIA GRASS - OVER 2" TOPSOIL BED, SEE PLANTING SPECS				

SECOND FLOOR LANDSCAPE PLAN



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Lic. # AR0012578

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