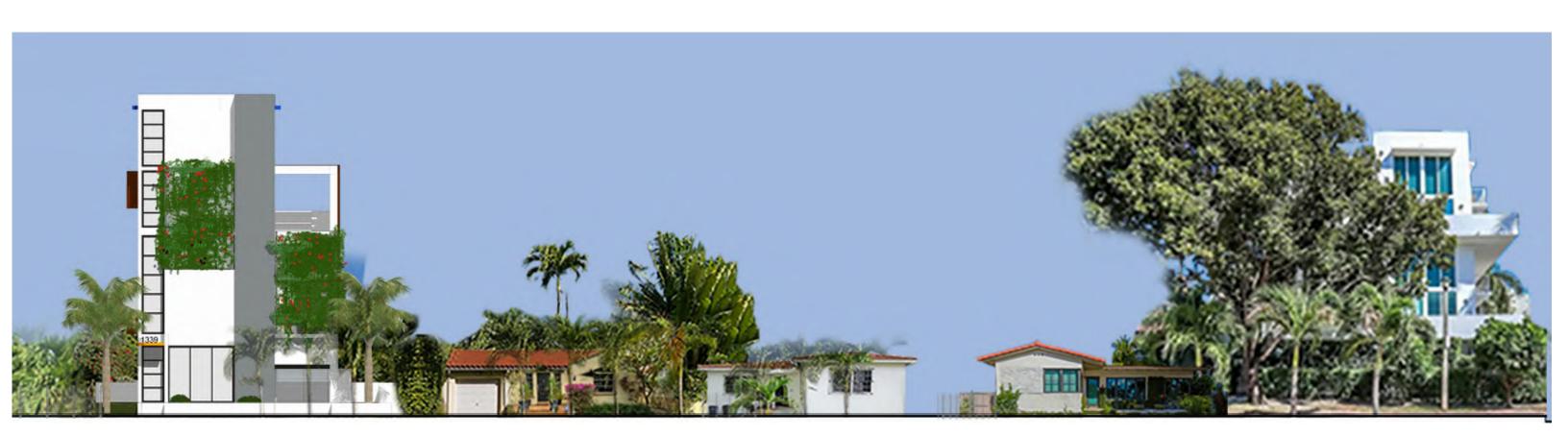


CONTEXT ELEVATIONS



CONTEXT PHOTO ELEVATIONS

CASA GRUBEA

1309 14TH TERRACE

MAMBEACH, FLORIDA

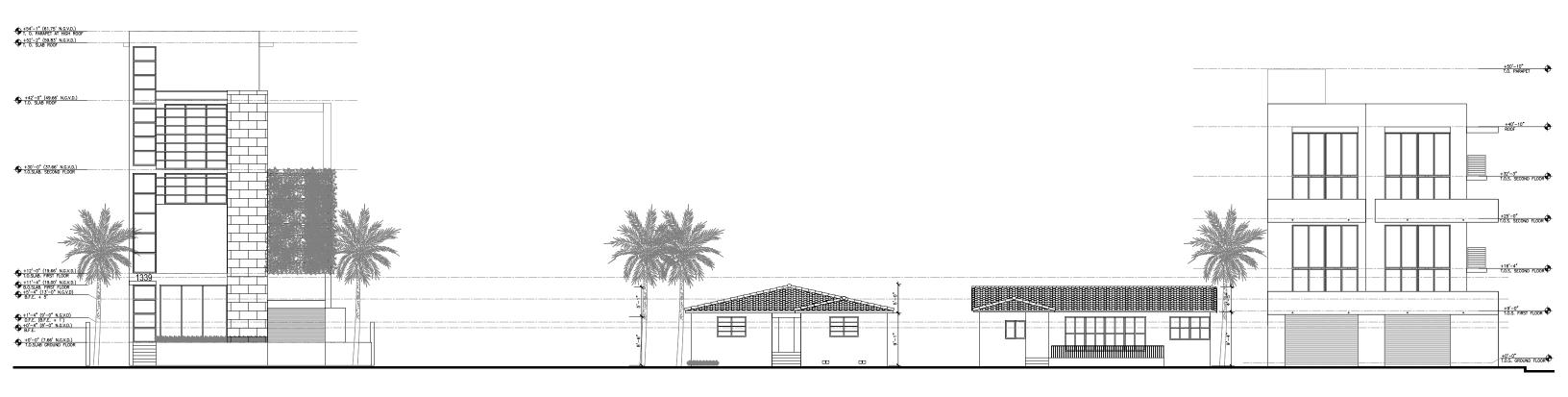
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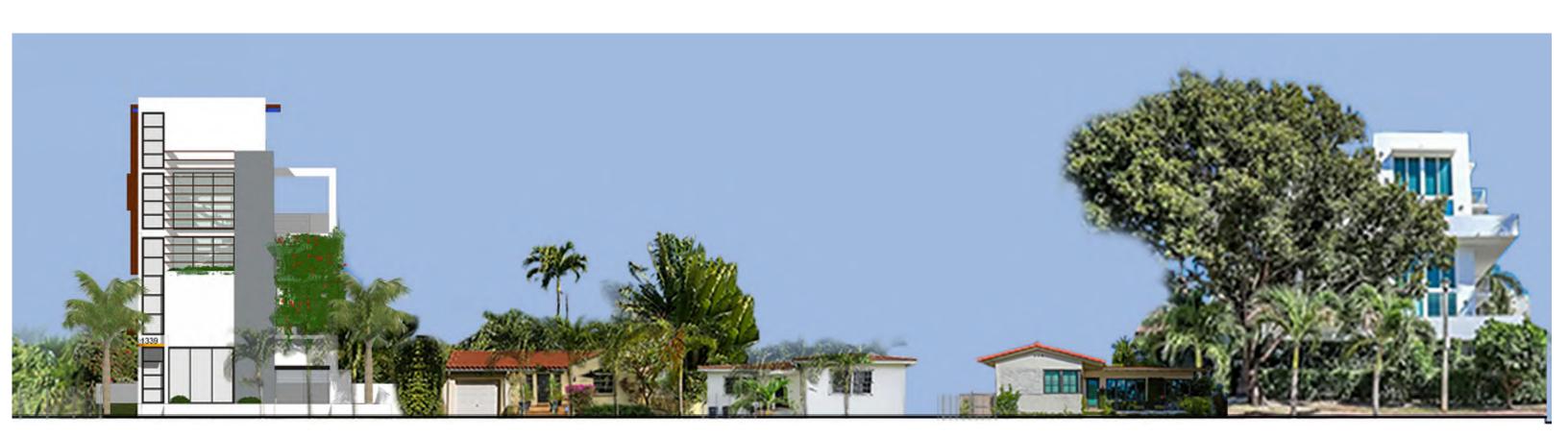
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FAX: 305 233304
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04.18.2022

A-111



CONTEXT ELEVATIONS

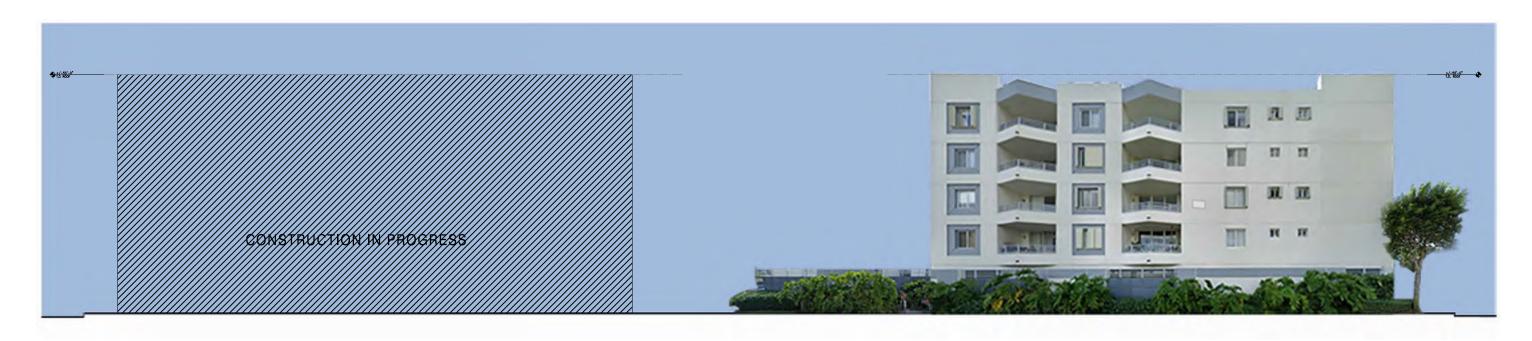


CONTEXT PHOTO ELEVATIONS

CASA LEROY

1339 14TH TERRACE

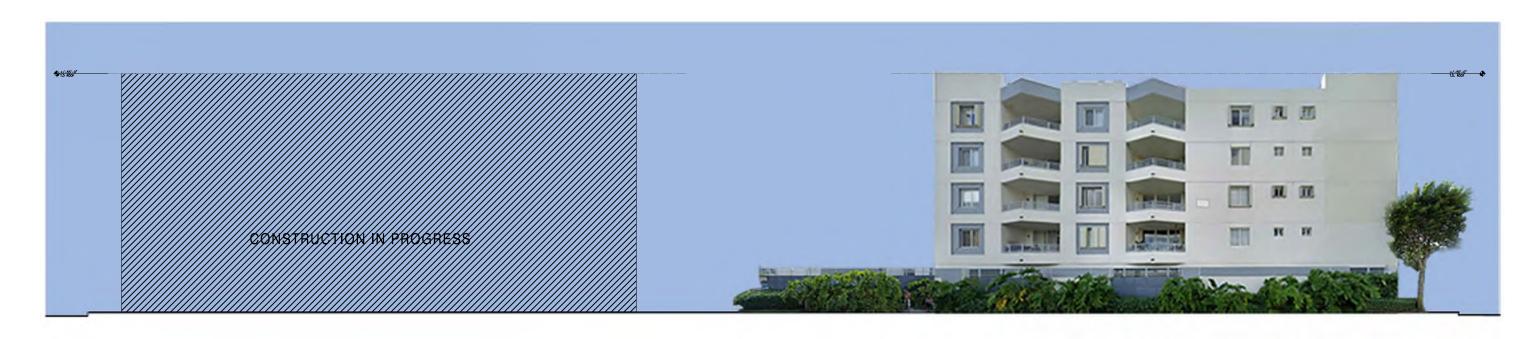
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CONTEXT BUILDINGS ACROSS STREET FROM PROPERTY 14TH TERRACE

CASA GRUBEA

MATEU ARCHITECTURE, INC.



CONTEXT BUILDINGS ACROSS STREET FROM PROPERTY 14TH TERRACE

CASA LEROY

MATEU ARCHITECTURE, INC.

FINAL SUBMITTAL







FINAL SUBMITTAL







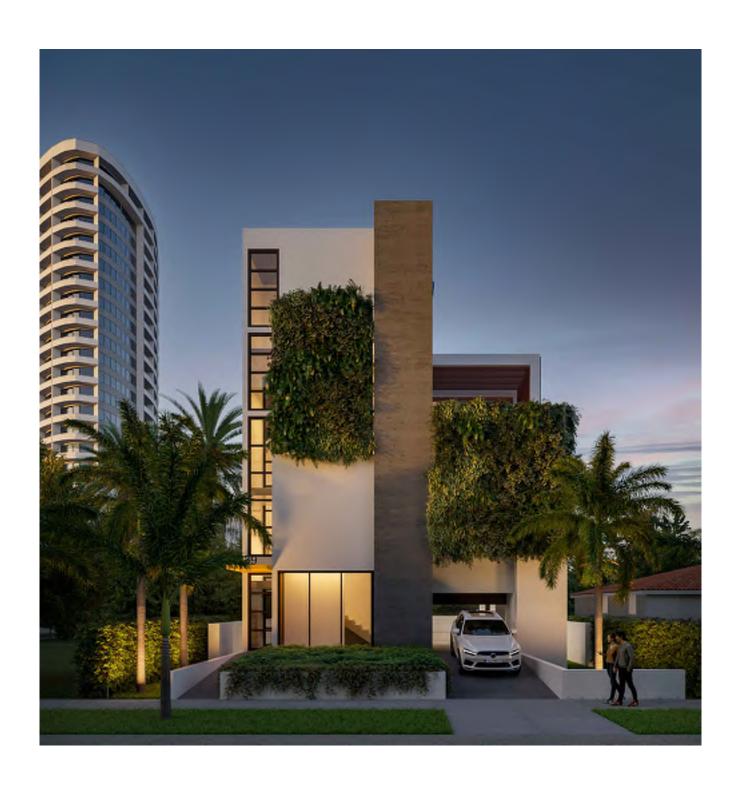




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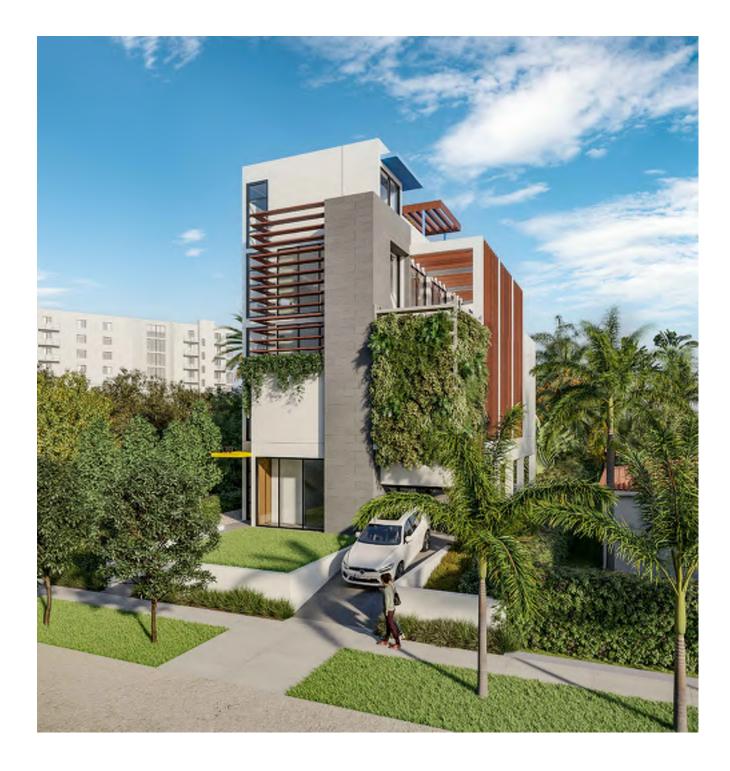


FRONT SIDE MODEL VIEW FROM SOUTHEAST

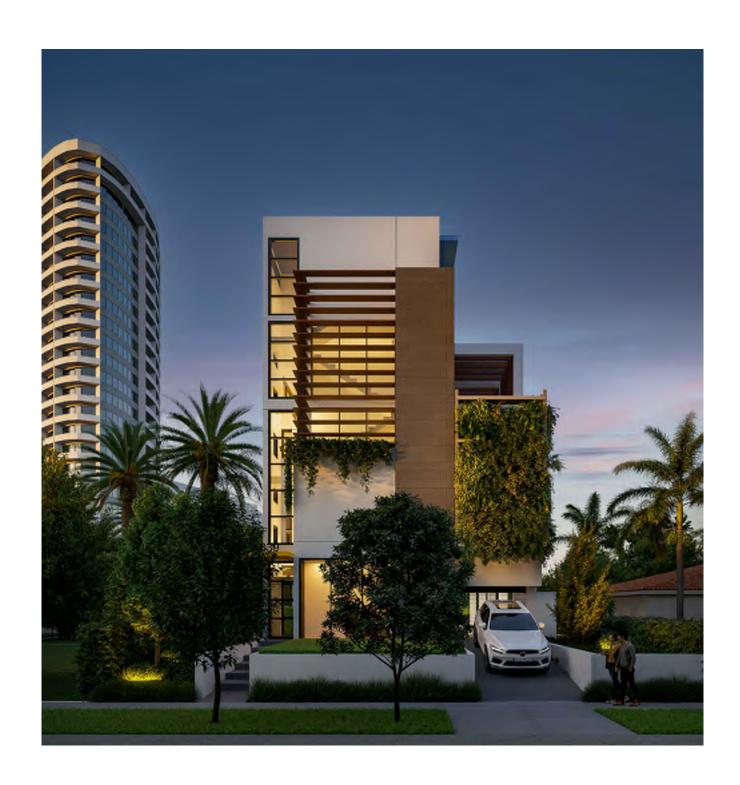


FRONT MODEL VIEW FROM 14TH TERRACE

CASA GRUBEA

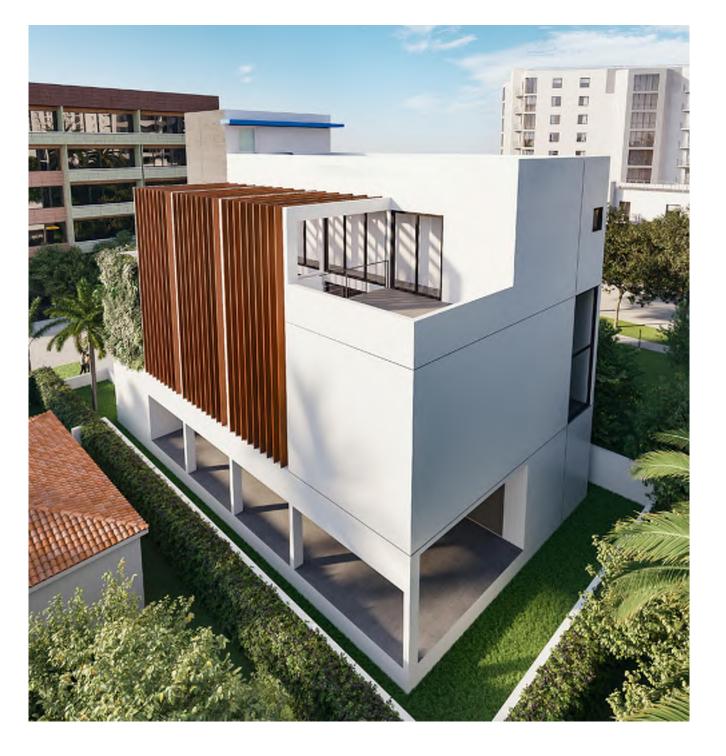


FRONT SIDE MODEL VIEW FROM SOUTHEAST



FRONT MODEL VIEW FROM 14TH TERRACE

CASA LEROY



REAR VIEW MODEL FROM NORTH EAST

CASA GRUBEA

MATEU ARCHITECTURE, INC.
8887 SW 131 STREET MIAMI, FLORIDA 33176



REAR VIEW MODEL FROM NORTH EAST



MODEL VIEW EAST FACADE

CASA GRUBEA

MATEU ARCHITECTURE, INC. A-118



MODEL VIEW EAST FACADE

CASA LEROY



AERIAL VIEW SOUTHEAST

CASA GRUBEA

MATEU ARCHITECTURE, INC. A-119



AERIAL VIEW SOUTHEAST

CASA LEROY





REAR YARD MODEL VIEW FROM NORTHWEST

FRONT SIDE MODEL VIEW FROM SOUTHWEST





REAR YARD MODEL VIEW FROM NORTHWEST

FRONT SIDE MODEL VIEW FROM SOUTHWEST





REAR YARD MODEL VIEW FROM NORTHEAST

FRONT SIDE MODEL VIEW FROM SOUTHEAST

CASA LEROY

PATIO FLOORING

METAL TRELLIS DARK BRONZE ANODIZED

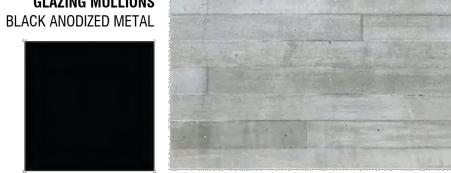
MCNICHOLS FIBERGLASS GRATING PULTRUDED T-BAR & WT-BAR





ARCHITECTURAL EYEBROW ACCENT SHERWIN-WILLIAMS HONORABLE BLUE SW 6811

GLAZING MULLIONS



ARCHITECTURAL EYEBROW ACCENT

SHERWIN-WILLIAMS CARNIVAL SW 6892



ARCHITECTURAL FEATURE GREEN WALL



ARCHITECTURAL FEATURE WALL **BOARD FORMED CONCRETE**

ARCHITECTURAL FEATURE WALL STUCCO WALL WHITE

ARCHITECTURAL SKYLIGHT FINISH CPI DAYLIGHTING COLOR- CLEAR /NEUTRAL COLOR- CLEAR /NEUTRAL





CASA GRUBEA

MATEU ARCHITECTURE, INC. A-121

PATIO FLOORING

METAL TRELLIS DARK BRONZE ANODIZED

MCNICHOLS FIBERGLASS GRATING PULTRUDED T-BAR & WT-BAR







ARCHITECTURAL EYEBROW ACCENT SHERWIN-WILLIAMS HONORABLE BLUE SW 6811

GLAZING MULLIONS



ARCHITECTURAL EYEBROW ACCENT

SHERWIN-WILLIAMS CARNIVAL SW 6892





ARCHITECTURAL FEATURE WALL **BOARD FORMED CONCRETE**

ARCHITECTURAL FEATURE GREEN WALL



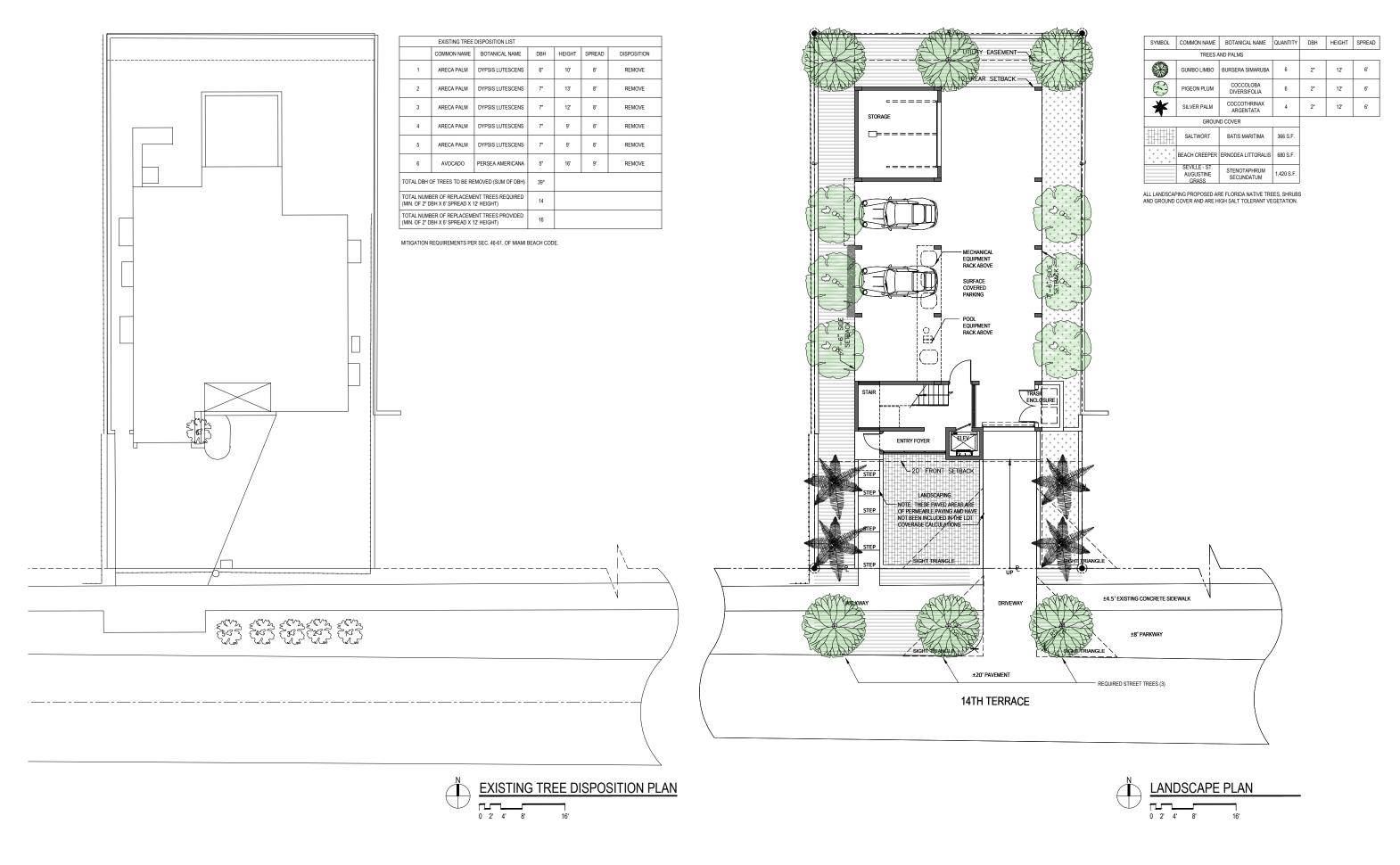
ARCHITECTURAL FEATURE WALL STUCCO WALL WHITE

ARCHITECTURAL SKYLIGHT FINISH CPI DAYLIGHTING COLOR- CLEAR /NEUTRAL

ARCHITECTURAL GLAZING VITRO ARCHITECTURAL GLASS COLOR- CLEAR /NEUTRAL

CASA LEROY

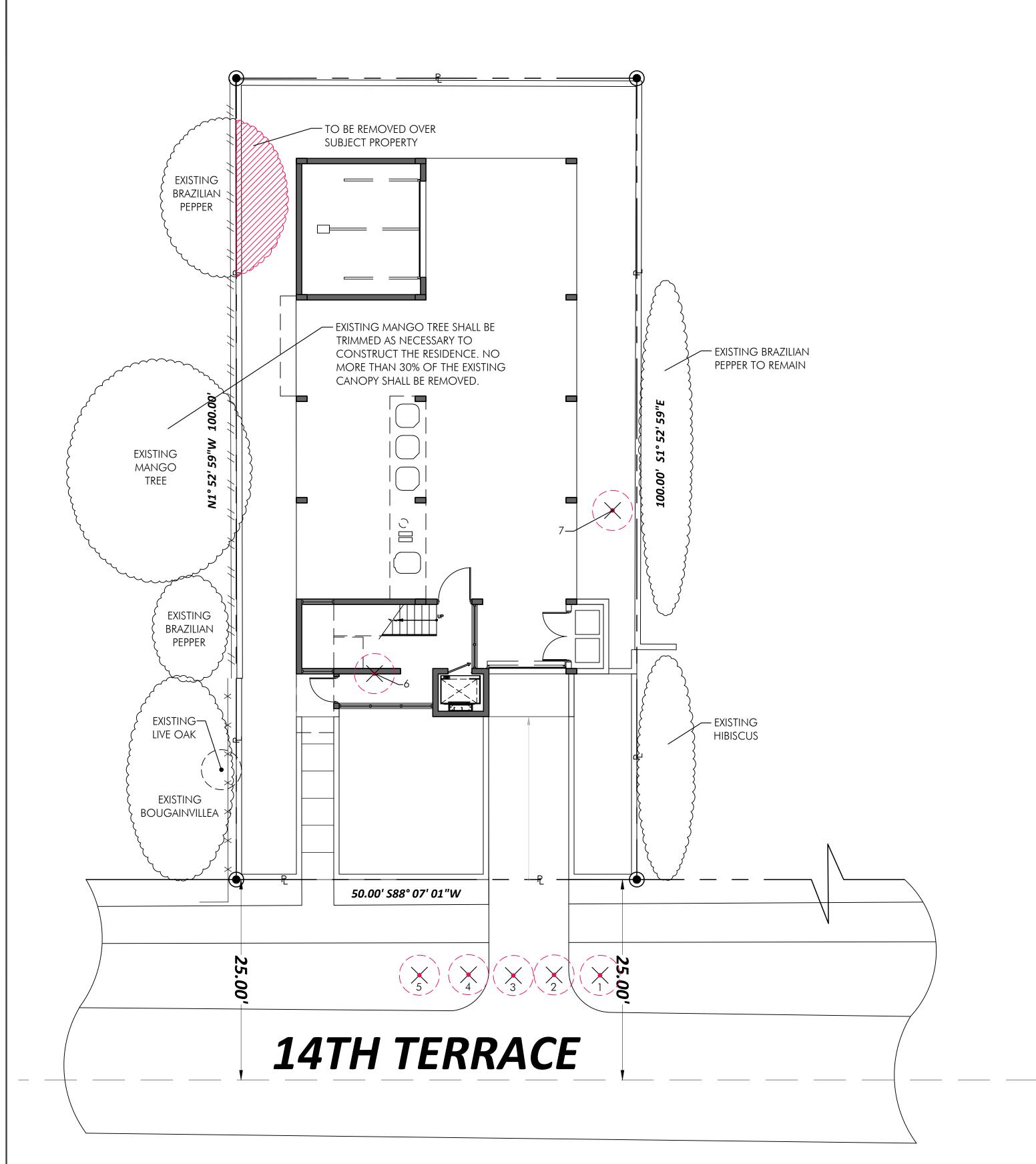
MATEU ARCHITECTURE, INC. A-122

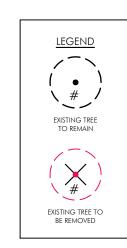


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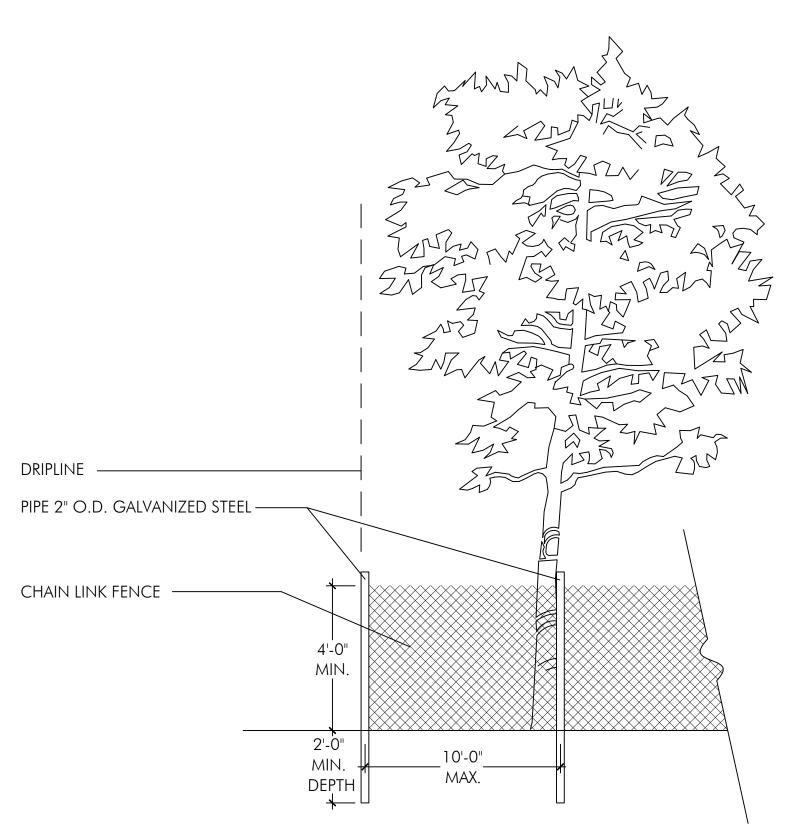
MATEU ARCHITECTURE, INC.
887 SW 131 STREET
ETE: 305.233.3094

FAX.: 305.233.3326 FINAL SUBMITTAL 04.18.2022 LP-100





			SIZE					MITIGATION
KEY	BOTANICAL NAME	COMMON NAME	HT.(ft.)	SPD.(ft.)	DBH.(in.	DISPOSITION	NOTES	DBH.(in.)
1	Adonidia merrillii	christmas palm	14	8	5	remove	dead	
2	Adonidia merrillii	christmas palm	14	8	5	remove	good	
3	Adonidia memillii	christmas palm	14	8	5	remove	good	
4	Adonidia memillii	christmas palm	14	8	5	remove	good	1
5	Adonidia memillii	christmas palm	14	8	5	remove	good	
6	Parsea Americana	Avocado tree	18	12	6	remove		6
7	Veitchia montgomeriana	Montgomery Palm	16	12	6	remove		
				TO	TAL DBH I	NCHES TO BE F	REMOVED	6
					TOTAL	PALMS TO BE F	REMOVED	5
				TOTAL DB	h inches	MITIGATION R	EQUIRED	(2) - 2" dbh trees to replace the avocado + (5) - 2" dbh trees to replace the palms = (7) - 2" dbh trees
				TOTAL DB	H INCHES	MITIGATION P	ROVIDED	(7) - 2" dbh trees



-BARRIER SHALL BE PLACED AT THE EDGE OF THE DRIPLINE OF THE TREE CANOPY OR AS FAR FROM THE TREE AS POSSIBLE WHERE THE CANOPY OVERHANGS PAVEMENT THAT IS TO REMAIN. BARRIER SHALL

BE MAINTAINED IN AN UPRIGHT POSITION AT ALL TIMES.
-TREE PROTECTION FENCE (TPF) SHALL BE INSTALLED PRIOR TO ANY SITE WORK, CLEARING, OR DEMOLITION. AND MAINTAINED THROUGHOUT CONSTRUCTION.

-REMOVE TPF ONLY WITH APPROVAL FROM URBAN FORESTER AFTER ALL SITE WORK HAS BEEN COMPLETED.

*NOTE: 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 the City of Miami Beach Code, the most current ANSI A-300 Pruning Standards and or an issued City Tree or Environmental Permit. Any corrective pruning required shall be performed by an ISA Certified Arborist and the City Urban Forester shall be consulted.

TREE PROTECTION DETAIL

N.T.S.

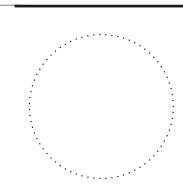


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EXISTING TREE DISPOSITION PLAN

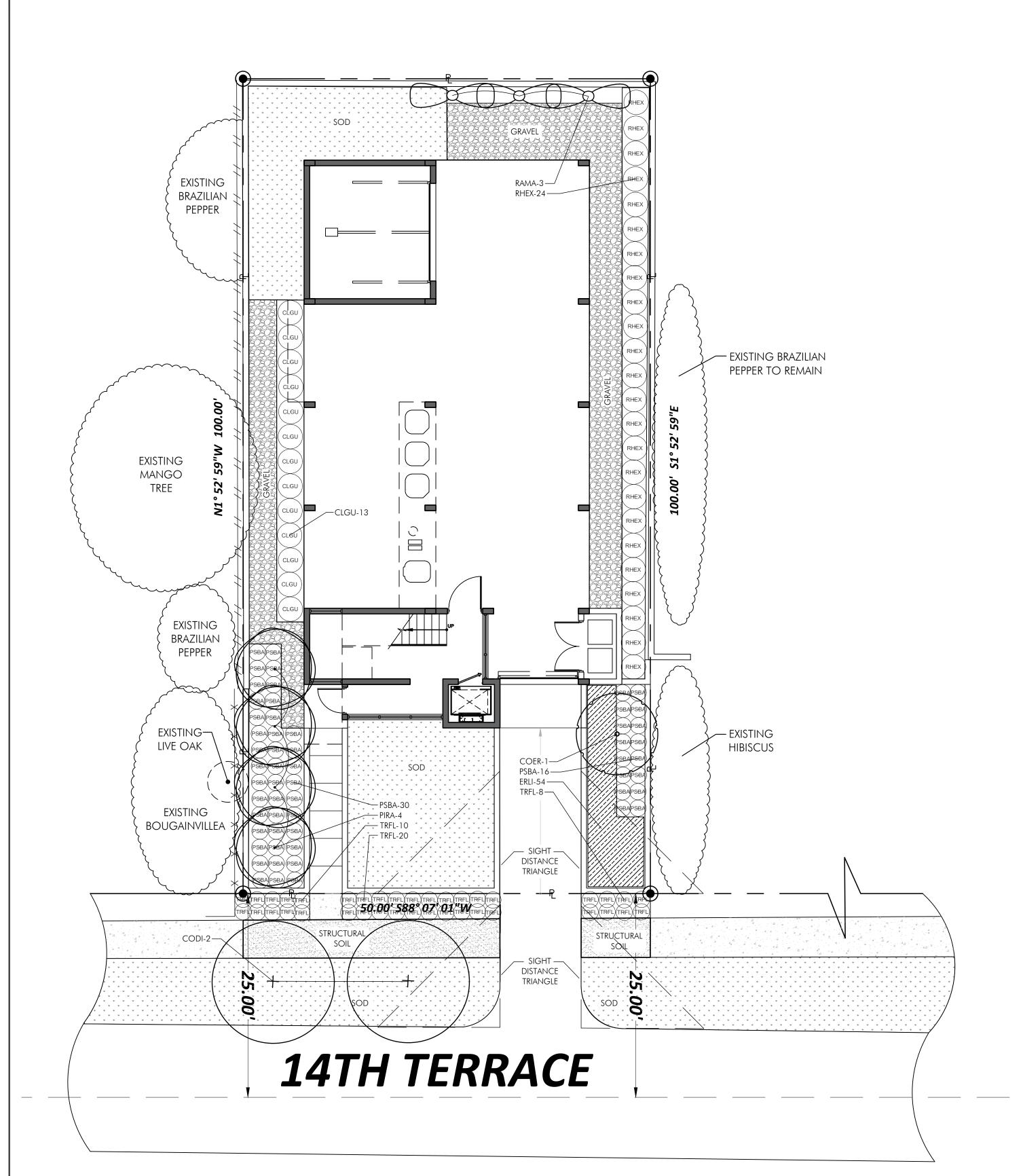


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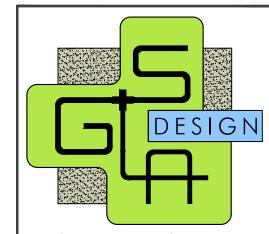
07/26/2022

EXISTING TREE DISPOSITION PLAN



		LIST LEVE	- 1	
TREES				S
KEY	PLANT NAME	QTY.	UT.	SIZE
CODI	Coccoloba diversifolia Pigeon Plum	3	ea.	12' tall x 5' spread, 2" DBH
COER	Conocarpus erectusGreen Buttonwood	1	ea.	12' tall x 5' spread, 2" DBH
PIRA	Pimenta racemosa 'lemon' Bay Rum Tree	4	ea.	12' tall x 5' spread, 2" DBH
PALMS	5			
KEY	PLANT NAME	QTY.	UT.	SIZE
RHEX	Rhapis excelsa Lady Palm	24	ea.	4' tall x 30" spread, multi
RAMA	Ravanela madagascariensis Traveler's Palm	3	ea.	8' tall overall
SHRUE	3S			
KEY	PLANT NAME	QTY.	UT.	SIZE
CLGU	Clusia guttifera Clusia	13	ea.	6' tall x 3' spread, full to groun
PSBA	Psychotria bahamensis Bahamas Wild Coffee	56	ea.	24" X 24"
TRFL	Tripsacum floridanum Florida Gamagrass	38	ea.	18"x18", install 24" o.c.
GROL	INDCOVERS			
KEY	PLANT NAME	QTY.	UT.	SIZE
ERLI	Ernodea littoralis Golden Creeper	54	ea.	3 gal cans, full, install 18" o.c.
MISCE	ELLANEOUS			
gravel	Decorative gravel to be selected		c.y.	as required
sod	"Empire" Zoysia Sod		s.f.	as required
	Planting Soil 70% Silica Sand 20% Everglades Muck 10% Shredded Pinebark		c.y.	excavate and backfill 18" depth in all planting areas.
	Shredded Melaleuca Mulch		c.y.	3" layer in all shrub beds
	Terror sales fectioned a project transfer to the sales and the sales and the sales are sales as the sales and the sales are sales as the sales are sales and the sales are sales		1	permitted and the permitted of the entire

	LANDSCAPE LEGEND		
	INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS		
	Zoning District: RM-1 Lot Area: 5,000 Acres: 0.11		
	OPEN SPACE	REQUIRED/ ALLOWED	PROVIDED
Α.	Square feet of required Open Space as indicated on site plan: Lot Area = 5,000 s.f.x 30% = 1500 s.f.	1,500	2,132
В.	Square feet of parking lot open space required as indicated on site		
	Number of parking spaces 0 x 10 s.f. parking space =	0	0
C.	Total square feet of landscaped open space required: A+B=	1,500	2,132
	LAWN AREA CALCULATION		
A.	Square feet of landscaped open space required	N/A	N/A
В.	Maximum lawn area (sod) permitted= 30% x 5,000 s.f.	1,500	700
_	TREES		
Α	Number of trees required per lot or net lot acre, less existing		
	number of trees meeting minimum requirements=		
	28 trees x 0.11 net lot acres - number of existing trees=	4	5
B.	% Natives required: Number of trees provided x 30% =	2	5
	% Low maintenance / drought and salt tolerant required:		
	Number of trees provided x 50%=	2	5
D.	Street Trees (max. average spacing of 20' o.c.)		
	40 (Driveway excluded) linear feet along street divided by 20' =	2	2
E.	Street tree species allowed directly beneath power lines: (max. average spacing of 20' o.c.): linear feet along street divided by	none	none
	cupupe		
	SHRUBS		
Α.	Number of shrubs required: Sum of lot and street trees req. x 12=	72	107
B.	% Native shrubs required: Number of shrubs provided x 50%=	36	107
	LARGE SHRUBS OR SMALL TREES		
Α.	Number of large shrubs or small trees required: Number of required shrubs x 10%=	8	13
В.	% Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	4	13



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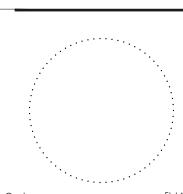
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1339 14TH TERRACE MIAMI BEACH, FL 33



REV.

PLANTING PLAN LEVEL 1



Ken Gardner
Kiehl Semler

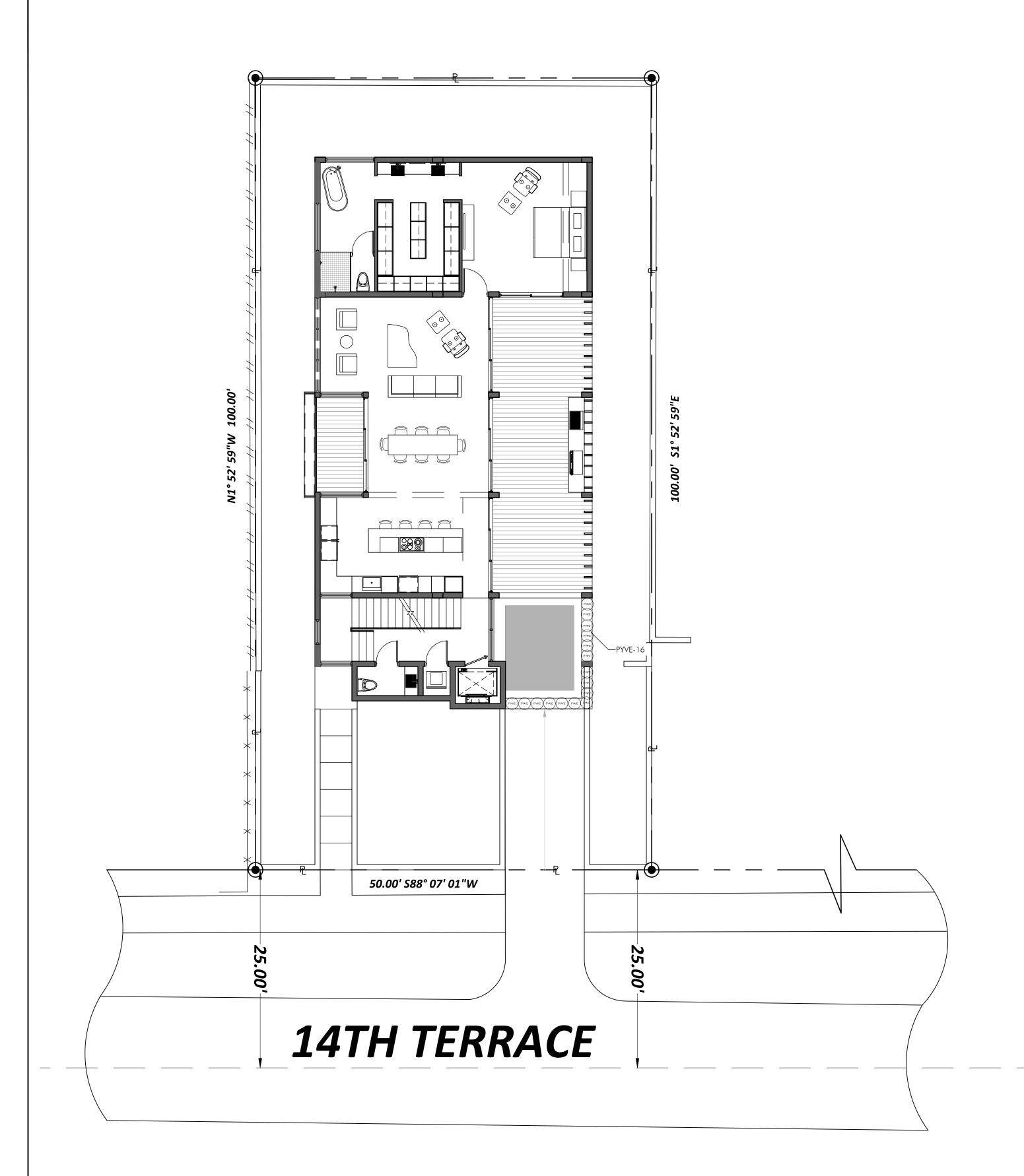
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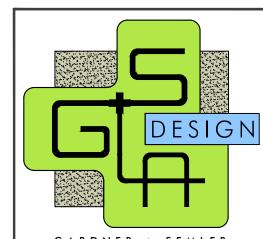
07/26/2022 as noted

LA2-





	PLANT	LIST LEVEL	2	
SHRU	BS			
KEY	PLANT NAME	QTY.	UT.	SIZE
PYVE	Pyrostegia venusta Flamevine	16	ea.	1 gallon cans
MISC	ELLANEOUS			
Green	Roof Soil Mixes From Atlas Soil			
	Roof Planter Soil Mix 25% Coarse Sand 25% Medium Sand 20% Pine Bark 20% Florida Peat 8% Rice Rock 2% Marl	as req.	c.y.	
	Shredded Melaleuca Mulch		c.y.	3" layer in all shrub beds



17670 NW 78th AVE., SUITE 214 M I A M I , F L 3 3 0 1 5 P 305.392.1016 F 305.392.1019 C O R P . I D # 0 0 0 0 2 6 6

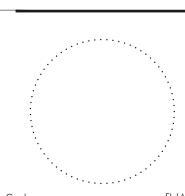
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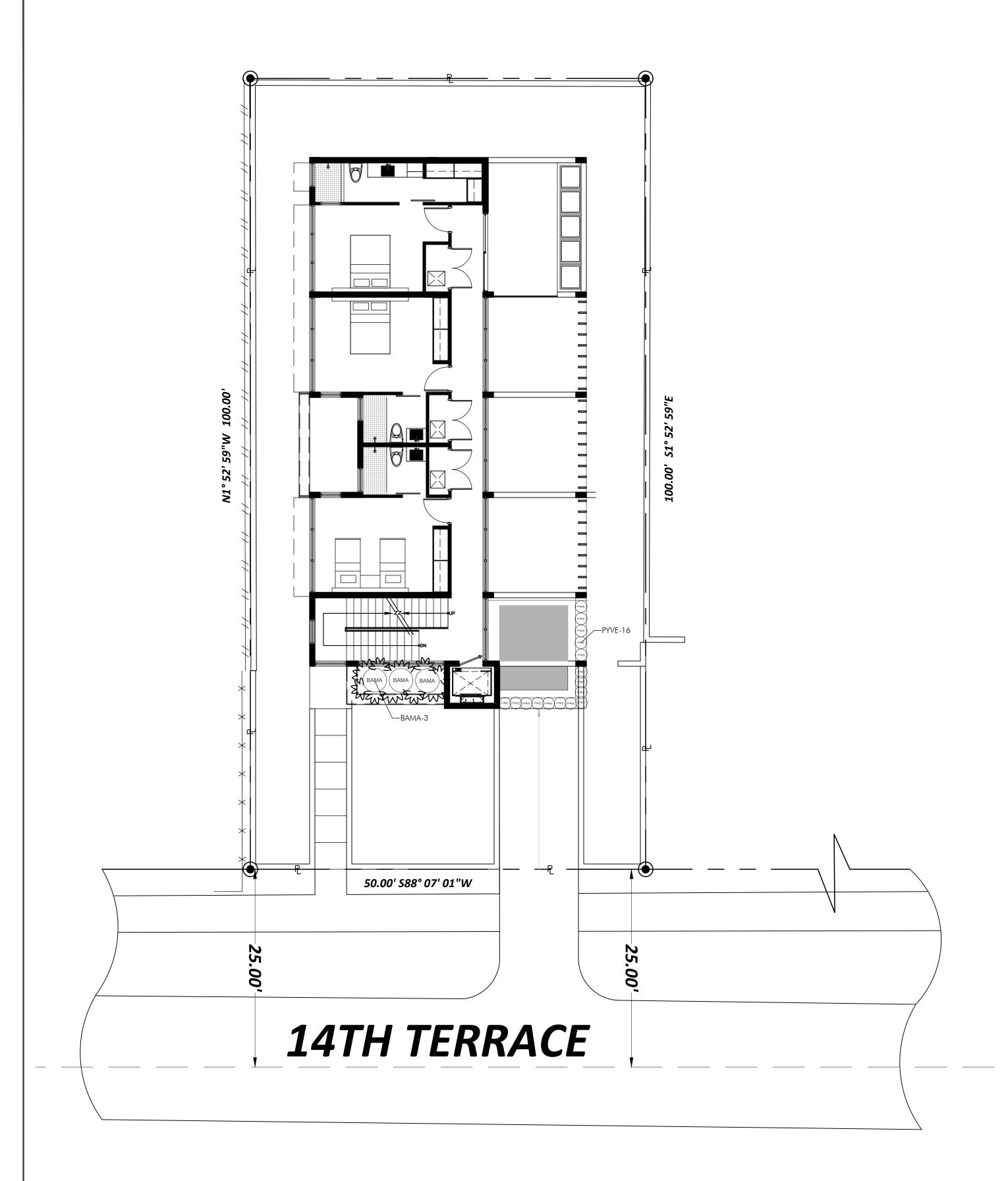
PLANTING PLAN LEVEL 2



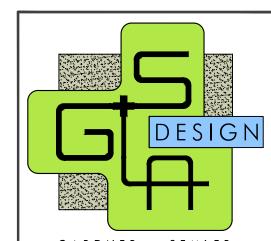
07/26/2022

LA2-02

PLANTING PLAN LEVEL 2



	PLANT	LIST LEVEL	3	
ВАМВ	00			
KEY	PLANT NAME	QTY.	UT.	SIZE
BAMA	Bambusa malingensis	3	ea.	8' tall overall, 3-4 culms per
	Seabreeze Bamboo			clump
VINES				
KEY	PLANT NAME	QTY.	UT.	SIZE
PYVE	Pyrostegia venusta	16	ea.	12" x 18", install 18" o.c.
	Flamevine			
MISCE	ELLANEOUS			
Green	Roof Soil Mixes From Atlas Soil			
	Roof Planter Soil Mix	as req.	c.y.	
	25% Coarse Sand			
	25% Medium Sand			
	20% Pine Bark			
	20% Florida Peat			
	8% Rice Rock			
	2% Marl			
	Shredded Melaleuca Mulch		c.y.	3" layer in all shrub beds



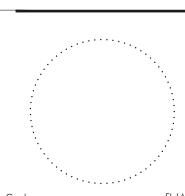
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PLANTING PLAN LEVEL 3

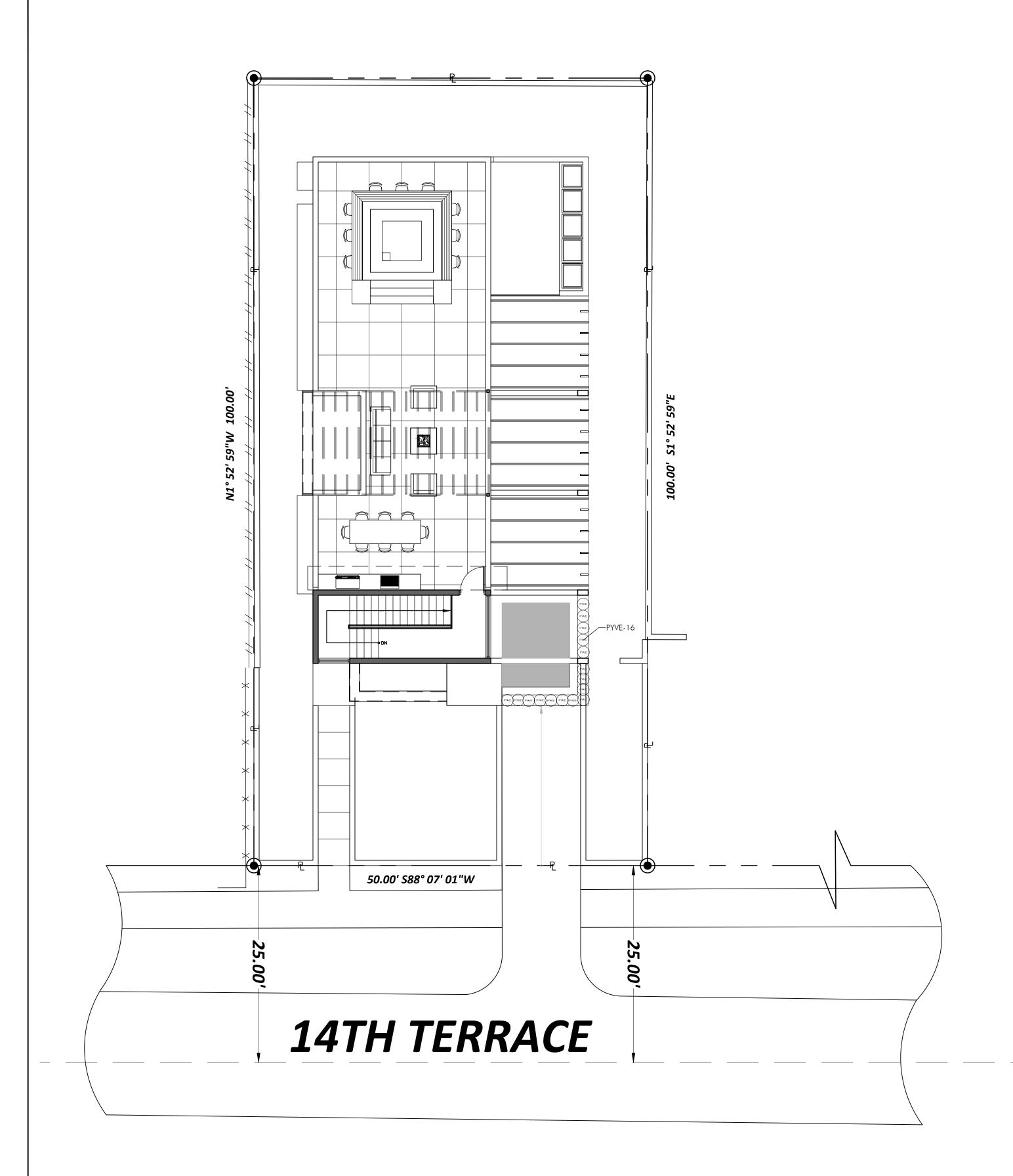


Ken Gardner Kiehl Semler FL LA #1569 DATE 07/26/2022

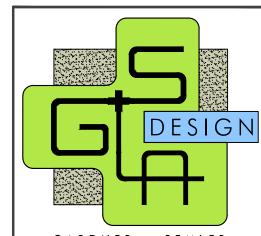
as noted

PLANTING PLAN LEVEL 3

16'
8'
SCALE: 1/8" = 1'-0"



	PLAN	T LIST LEVEL	4	
VINES	S			
KEY	PLANT NAME	QTY.	UT.	SIZE
PYVE	Pyrostegia venusta	16	ea.	12" x 18", install 18" o.c.
	Flamevine			
MISC	ELLANEOUS			
Green	Roof Soil Mixes From Atlas Soil			
	Roof Planter Soil Mix	as req.	c.y.	
	25% Coarse Sand			
	25% Medium Sand			
	20% Pine Bark			
	20% Florida Peat			
	8% Rice Rock			
	2% Marl			
	Shredded Melaleuca Mulch		c.y.	3" layer in all shrub beds



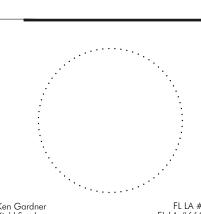
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1339 14TH TERRACE MIAMI BEACH, FL 331

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PLANTING PLAN LEVEL 4



DATE 07/26/2022

as note



Contractor shall provide all labor, materials, equipment, supervision, and related work essary to complete the landscape work in accordance with the intent of the landscape ns, schedules and these specifications. The extent of work is shown on the drawings which 3.2 HERBICIDE TREATMENT a part of this document.

CONTRACTOR QUALIFICATIONS

andscape installation work to be performed by a Contractor Certified by the Florida rserymen, Growers and Landscape Association (FNGLA) as a Certified Landscape stractor. Any pruning to be supervised by an Arborist, certified by the International Society boriculture (ISA) and licensed in County where work is performed.

INVESTIGATION OF UTILITIES

Prior to beginning work, the Contractor shall be responsible to locate existing erground utilities. Check with all utility companies and Sunshine State, call (811).

SUBSTITUTIONS

Only materials specified will be accepted, unless approved in writing by the Landscape itect in advance.

PLANT SIZES

All plant sizes shall equal or exceed the minimum sizes as specified in the plant list. If plant es of local codes and ordinances require larger plant material than specified on plans, en they shall supercede the sizes on the plan. When plant sizes are specified as a range of installed materials shall average the mean of the range specified. Plants shall be sured following pruning, with branches in normal position. All necessary pruning shall be 3.4 WATERING ne at the time of planting.

All plant material shall be equal to or better than Florida No. 1 as classified by "Grades Standards for Nursery Plants" by the Division of Plant Industry, Florida Department of riculture. They shall have a growth habit that is normal for the species; healthy, vigorous, from insects, disease and injury.

The Owner or Landscape Architect reserves the right to refuse any plant material which es not conform to the intent of the written specifications or design.

CIRCLING ROOTS FOUND ON CONTAINER-GROWN MATERIAL WILL NOT BE CEPTED UNLESS REMEDIAL ROOT PRUNING, APPROVED BY THE LANDSCAPE CHITECT IS DONE BEFORE PLANTING.

PLANT QUANTITY

The plant quantities shown on the plant list are to be used only as an aid to bidders. In case of discrepancy between the plant list and the plan, the quantity on the plan shall erride the plant list.

The successful bidder shall furnish to the Owner and the Landscape Architect, a unit price akdown for all materials. The Owner may, at his discretion, add to or delete from the erials utilizing the unit price breakdown submitted to and accepted by the Owner.

SUBMITTALS

Fertilizer: The Contractor shall submit to the Owner and Landscape Architect mentation that all the fertilizer used for the project is of the analysis specified and placed e rates specified in section 2.2 FERTILIZER.

lanting soil: The Contractor shall submit a sample of the planting soil (approximately 1 Ft.) for approval by the Landscape Architect prior to delivery to the site.

CLEAN-UP & MAINTENANCE OF TRAFFIC ollow procedures in FDOT Index 600 for maintenance of traffic during construction.

At the end of each work day, the Contractor shall remove debris and shall barricade the filled holes in a manner appropriate in the path of pedestrians and motorists.

Upon completion of the work or any major portion of the work or as directed by the dscape Architect, all debris and surplus material from his work shall be removed from the

MAINTENANCE PRIOR TO ACCEPTANCE

The Contractor is responsible to maintain the plantings until they are accepted under the sions of 1.12 "ACCEPTANCE OF INSTALLATION".

Plants: Begin maintenance immediately following the final plant installation operation for n plant and continue until all plant installation is complete and accepted. Maintenance l include watering all plants, weeding, mulching, pest and disease control, tightening and airing of guys, repair of braces, removal of dead growth, resetting of plants to proper ade or up-right position, restoration of plant saucer, litter pick-up in plant beds and other cessary operations to assure specified minimum grade of Florida No. 1.

Furf Areas: Begin maintenance of turf immediately following the placement of sod and nue until sod installation is complete and accepted. Maintenance shall include but not mited to, watering, leveling, mowing, weed and pest control, fungus and disease control dother necessary operations as determined by the Landscape Architect and good nursery

Re-setting or straightening trees and palms:

Contractor shall re-set and/or straighten trees and palms as required at no additional t to the Owner unless caused by sustained winds of 75 mph or more. Then, the costs of perations may be charged to the owner. Re-set trees within 48 hours.

ACCEPTANCE OF INSTALLATION

nspection: Inspection of the work, to determine completion of contract work, exclusive of possible replacement of plants and turf, will be made by the Landscape Architect at the clusion of the maintenance period. Written notice requesting such an inspection and mitted by the Contractor at least ten (10) days prior to the anticipated date.

Guarantee all plants for a period of one year (CCD). Guarantee shall commence from date of written acceptance. Plant material which is on the site and scheduled to be ocated is not covered by the guarantee except in the case of Contractor's negligence or ork that has been done in an unworkman-like manner. The Contractor is not responsible loss due to acts of god, (i.e.) sustained winds of 75 mph or more, floods, frost, lightning, dalism or theft.

REPLACEMENT

Replacement shall be made during the guarantee period as directed by the Landscape hitect within ten (10) days from time of notification. For all replacement plant material, e guarantee period shall extend for an additional forty-five (45) days beyond the original rantee period. The Contractor shall be responsible to provide water to the replacement nts in sufficient quantity to aid in their establishment. At the end of the guarantee period, pection will be made by the Landscape Architect, upon written notice requesting such pection and submitted by the Contractor at least five (5) days before the anticipated date. acement plants must meet the requirements of Florida No. 1 at time of inspection. nove from the site all plants that are dead or in a state of unsatisfactory growth, as ermined by the Landscape Architect. Replace these and any plants missing due to the ntractor's negligence as soon as conditions permit.

Materials and Operations: All replacement plants shall be of the same kind and size as licated on the plant list. The Contractor shall supply and plant the plants as specified der planting operations.

Cost of Replacements: A sum sufficient to cover the estimated cost of possible lacements, including material and labor will be retained by the Owner and paid to the stractor after all replacements have been satisfactorily made and approved by the scape Architect.

ART 2 - MATERIALS

Planting soil for trees, shrubs and ground covers shall be of the composition noted on the is, measured by volume.

Soil for Sodded Areas: shall be coarse lawn sand.

Fertilizer for trees, palms, shrubs, and groundcovers shall be as follows: LESCO Palm chlorine, or brand with equal analysis. The fertilizer shall be uniform in composition, dry can). I free flowing and shall be delivered to the site in the original unopened containers, aring the manufacturer's guaranteed analysis. Fertilizer for sod and seeded areas shall be 6-8, 50% organically derived nitrogen, or equal.

The Contractor shall provide potable water on site, available from the start of planting Contractor is responsible to ascertain the location and accessibility of the water source. Contractor is responsible to provide the means of distribution (i.e. water truck, hoses,) for distribution of water to the planting areas.

Mulch shall be as specified on the Plant List.

ROOT BARRIER MATERIAL

Install per details in the plans.

Root barrier material shall be 24" deep polypropolylene panels by DeepRoot or approved

PART 3 - INSTALLATION PROCEDURES

A. Verify location of all underground utilities and obstructions prior to excavation.

A. In all areas infected with weed and/or grass growth, a systemic herbicide shall be applied per manufacturer's rates. When it has been established where work will be done, the systemic herbicide shall be applied in accordance with manufacturer's labeling to kill all noxious growth. Contractor shall schedule his work to allow more than one application to obtain at least 95% kill of undesirable growth. If necessary, Contractor shall conduct a test to establish suitability of product and applicator to be used on this project, prior to execution of the full

3.3 PLANT PIT EXCAVATION AND BACKFILLING A. Trees: See the Planting and Bracing Details and notes.

B. All planting holes shall be hand dug where machine dug holes may adversely affect

C. Shrubs and Groundcover: Shrubs and groundcover shall be planted in a soil bed as described in the notes and details. Space shrubs and provide setback from curb and pavements as shown in the plans.

D. Watering of field-grown plants: Thoroughly puddle in water to remove any air pockets in

A. The Contractor is responsible to provide the water for all new plants and transplants and means of distribution (i.e. hand watering or water truck) during the maintenance period and extending into the period after acceptance until the full schedule as listed below is complete. Water for trees and other large field grown plants shall be supplemented by hand or water truck, in addition to the irrigation system, (if one is provided). Contractor can adjust watering schedule during heavy rain season upon approval of the Landscape Architect.

AMOUNT OF WATER PER APPLICATION

For trees up to 5 inch caliper - 5 gallons From 5 to 8 inch caliper - 25 gallons

9 inch and up caliper - 50 gallons

FREQUENCY OF WATER Daily for the first week

3 times per week for weeks 2 - 5 2 times per week for weeks 6 - 8 1 time per week for weeks 9 - 12

B. Water in plants by thoroughly soaking of the entire root ball immediately after planting. For large trees and shrubs, add water while backfilling hole to eliminate any air pockets in the

C. Water shrubs, sod and groundcover a minimum of once daily for a week or until an irrigation system is fully operational. If no irrigation system is to be installed, the Contractor shall be responsible for watering the shrub, sod, and groundcover for the time specified above, after installation of each section of the planting installed.

A. Add fertilizer on top of the surface of shrubs beds and tree and palms root balls two (2) months after installation. Fertilize sod within two (2) days after installing after planting of each segment of the job. Fertilizer shall be applied after soil has been well moistened. Fertilizer shall be washed off of plant leaves and stems immediately after application. Apply at the following rates:

1. Trees and Large Shrubs: One (1) pound per inch of trunk diameter, spread evenly over

2. Shrubs: One half (1/2) handful per shrub, spread evenly over the root ball area.

3. Groundcover: Twelve (12) pounds per 100 sq. ft. of bed area.

4. Sod: Twelve (12) pounds per 1,000 sq. ft. Wash fertilizer off blades immediately after

3.6 MULCHING

A. Spread mulch three (3) inches thick uniformly over the entire surface of shrubs and groundcover beds, depth measured after settling, unless otherwise specified in the plans. Provide 36" diameter bed of mulch, measured from outer edge of the trunk, for all trees and palms planted in sod areas. Keep mulch away from contact with the trunk. Create a 6" high ring of mulch at the outer edge of tree and palm holes.

GUYING AND BRACING

A. See the details bound herewith or made part of the plans.

A. Provide a blanket of lawn sand as described in the notes in these plans. Prior to planting, remove stones, sticks, etc. from the sub-soil surface. Excavate existing non-conforming soil as required so that the finish grade of sod is flush with adjacent pavement or top of curb as well as adjacent sod in the case of sod patching.

B. Place sod on moistened soil, with edges tightly butted, in staggered rows at right angles to slopes. The sod shall be rolled with a 500 pound hand roller immediately after placing.

C. Keep edge of sod bed a minimum of 18" away from groundcover beds and 24" away from edge of shrub beds and 36" from trees, measured from the edge of plant or tree trunk.

D. Sod shall be watered immediately after installation to uniformly wet the soil to at least two inches below the bottom of sod strips.

E. Apply fertilizer to the sod as specified in Section 3.5.

F. Excavate and remove excess soil so top of sod is flush w/top of curb or adjacent pavement, or adjacent existing sod.

PLANT BED PREPARATION NOTES

1. In all areas where new sod and shrub and groundcover masses are to be planted, kill all existing weeds by treating with systemic herbicide prior to beginning soil

2. In all shrub and groundcover beds, excavate and backfill soil as described in "Plant List(s)". If no specific preparation is noted, prepare soil as described below for either condition, over the entire area to be planted:

If any compacted road base or asphalt or rocky soil is encountered, remove compacted material entirely to allow an 18" depth of planting soil per plant list unless otherwise stated. Backfill the entire area of the shrub and groundcover beds with 18" planting soil (as specified in Plans) to within 2 inches of the adjacent pavement or top of curb. Remove all debris and rocks and pebbles larger than 2 inches in size and level the grade before planting.

Condition B:

Where no compacted soil is encountered, thoroughly mix 6 inches of planting soil per plant list into the existing soil to a depth of 18 inches unless otherwise stated. If required, excavate and remove the existing soil to lower the grade, so that the prepared mix is finished to a minimum of 2 inches below top of curb or adjacent walkway. Remove all debris and rocks and pebbles larger than 2 inches in size and level the grade before planting.

For all sod areas, spread a 2" deep layer of lawn sand prior to sodding. Remove all debris and rocks and pebbles larger than 2 inchs in size and level the grade before sodding. Remove, if required, existing soil so that top of sod is flush with and adjacent top of curb or pavement.

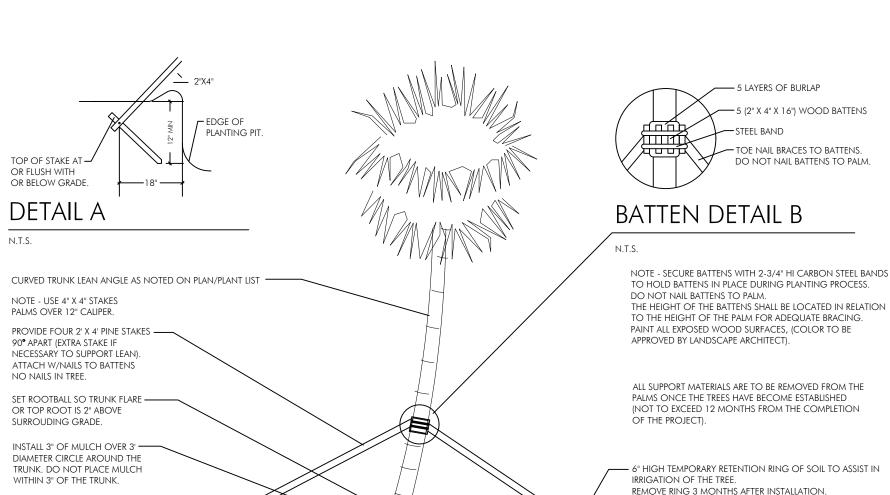
For Trees and shrubs larger than 7 gallon, Add Diehard" transplant innoculant supplied by Horticultural Alliance, Inc. (800-628-6373) or equal. Mix into top 8-10 inches of planting hole, making sure it is contact with the root ball. Add at a rate ecial 13-3-13 or equal, Sulfur coated with iron and other minor elements and maximum of specified by manufacturer (typically 4oz. per 1 inches of trunk caliper or 7 gallon

SPACING OF PLANTS (SEE PLANT SPACING DETAIL)

PROTECTION OF PLANTS

1. Plants shall be planted sufficiently away from edges of pavements or curbs, to allow for growth toward the edges of the bed.

1. The Contractor shall be responsible to protect existing trees and shrubs in and adjacent to the area of work. Erect barriers as necessary to keep equipment and materials, any toxic material, away from the canopy drip line of trees and shrubs. DO NOT PILE SOIL OR DEBRIS AGAINST TREE TRUNKS OR DEPOSIT NOXIOUS BUILDING SUPPLIES OR CHEMICALS WITHIN THE DRIP LINE.



LIGHT Y COMPACTED SUBGRADE |

— 3 TIMES ROOT BALL DIAMETER ———

ACHIEVE SPECIFIED LEAN ANGL PLANTING & BRACING DETAIL FOR LEANING/CROOKED PALMS

CURB -

REMOVE ANY PORTION OF WIR

TOP HALF OF THE ROOTBALL.

BASKETS OR BURLAP ABOVE THE

FOLD BACK BURLAP COVERINGS

BELOW THE TOP HALF OF THE

ALL SYNTHETIC ROOTBALL

COVERING MATERIALS.

ROOTBALL. COMPLETELY REMOVE

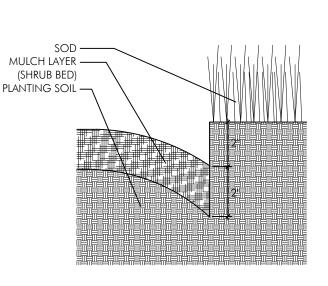
WOOD STAKES TOP OF STAKES —

BELOW OR FLUSH WITH GRADE

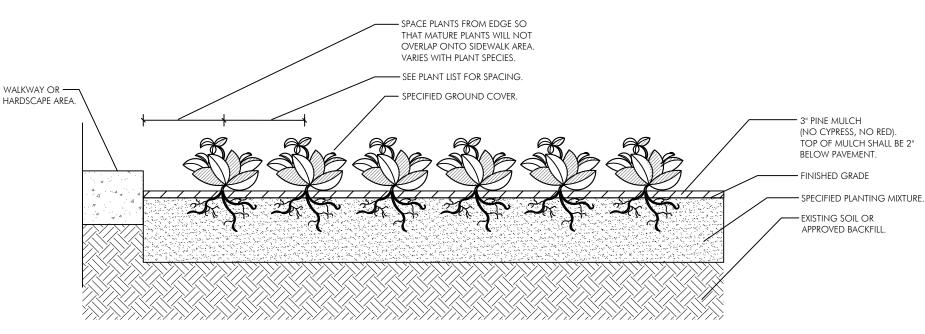
ANGLE SUBGRADE BASE AND

ROOTBALL IF NECESSARY TO

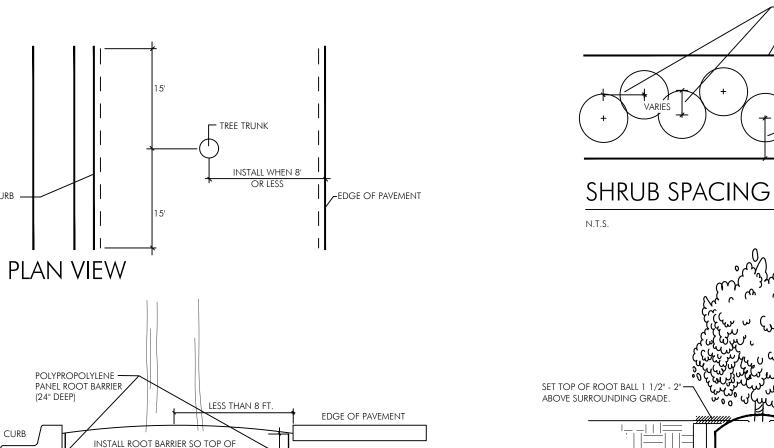
N.T.S.



PLANT BED EDGING DETAIL



GROUND COVER PLANTING DETAIL



hen CU stuctural soil, Silva

Cell2, or other suspended

adjacent to tree planting,

Polypropolylene panel roc

barrier is to have a 12" dept

in lieu of 24" depth used in

pavement systems are used

ROOT BARRIER INSTALLATION DETAIL

BARRIER IS FLUSH WITH TOP OF GRADE

WHEN TREES ARE TO BE INSTALLED

CLOSER THAN 8' FROM EDGE OF WALKS

OR CURBS, INSTALL A ROOT BARRIER.

THE ROOT BARRIER SHALL EXTEND A

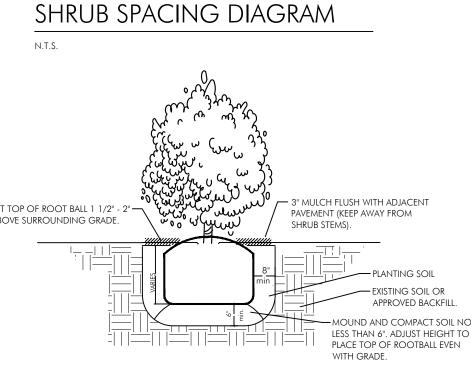
MINIMUM OF 1.5' FROM THE EDGE OF

PLANTING & BRACING DETAIL

UNDER 3 1/2" CALIPER

THE TRUNK IN EITHER DIRECTION.

N.T.S.



- DISTANCE VARIES FOR EACH SPECIES SPACING.

WALL, CURB, EDGE OF PAVEMENT, OR EDGE OF BED

8" FOR 12"-18" O.C. SPACED SHRUBS. 24" FOR 24" O.C. SPACED SHRUBS.

3' FOR 36"-48" O.C. SPACED SHRUBS

(UNLESS OTHERWISE SPECIFIED).

SEE PLANT LIST

SHRUB INSTALLATION DETAIL

HOLES TO ACCOMMODATE PLANTS SHALL BE A MINIMUM

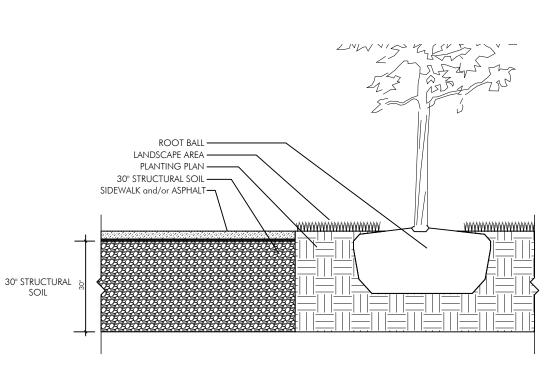
- ALL BACKFILL FOR TREES SHALL BE EXISTING SOIL WITH ALL

OF THREE TIMES THE SIZED OF THE PLANT ROOTBALL.

ROCKS 2" OR LARGER REMOVED.

WRITTEN SPECIFICATIONS

FERTILIZER SHALL BE INSTALLED AS PER THE



STRUCTURAL SOIL DETAIL

NOTE - IRREGULAR OR MULTI-STEMED TREES SHALL HAVE A SIMILAR STAKING PATTERN AS SINGLE TRUNKED TREES. STAKES NEED NOT ALL BE ATTACHED TO EVERY STEM. ALL SUPPORT MATERIALS ARE TO BE REMOVED SET ROOTBALL SO TRUNK FLARE -FROM THE TREES ONCE THE TREES HAVE OR TOP ROOT IS 2" ABOVE BECOME ESTABLISHED (NOT TO EXCEED 12 SURROUDING GRADE. MONTHS FROM THE COMPLETION OF THE PROJECT) INSTALL 3" OF MULCH OVER 3" ----DIAMETER CIRCLE AROUND THE TRUNK. DO NOT PLACE MULCH WITHIN 3" OF THE TRUNK. 5/8" DIAMETER NYLON STRAPS WRAPPED AROUND TRUNK & PULLED TAUT, TIED TO REMOVE ANY PORTION OF WIRE — BASKETS ABOVE THE TOP HALF OF THE ROOTBALL. REMOVE BURLAP COVERINGS BELOW THE TOP HALF OF THE ROOTBALL. — 6" HIGH TEMPORARY RETENTION RING OF SOIL COMPLETELY REMOVE ALL SYNTHETIC TO ASSIST IN IRRIGATION OF THE TREE. ROOTBALL COVERING MATERIALS. REMOVE RING 3 MONTHS AFTER INSTALLATION. (2)2" DIA. 8' LONG WOOD DOWELS -120° APART DRIVEN THROUGH FINISHED GRADE BOTTOM OF PLANTING PIT. - HOLES TO ACCOMMODATE PLANTS SHALI BE A MINIMUM OF THREE TIMES THE SIZED - ALL BACKFILL FOR TREES SHALL BE AS EXISTING SOIL WITH ALL ROCKS 2" OR LARGER REMOVED. FERTILIZER SHALL BE INSTALLED AS PER THE WRITTEN SPECIFICATIONS.

 5 LAYERS OF BURLAP - 5 (2" X 4" X 16") WOOD BATTENS TOE NAIL BRACES TO BATTENS DO NOT NAIL BATTENS TO TREE TOP OF STAKE AT OR FLUSH WITH BATTEN DETAIL B OR BELOW GRADE DETAIL A N.T.S. NOTE - SECURE BATTENS WITH 2-3/4" HI CARBON STEEL BANDS TO HOLD BATTENS IN PLACE DURING PLANTING PROCESS. DO NOT NAIL BATTENS TO TREE. THE HEIGHT OF THE BATTENS SHALL BE LOCATED IN RELATION NOTE - USE 4" X 4" STAKES TO THE HEIGHT OF THE TREE FOR ADEQUATE BRACING. PALMS OVER 12" CALIPER. PAINT ALL EXPOSED WOOD SURFACES, (COLOR TO BE PROVIDE FOUR 2' X 4' PINE STAKES — APPROVED BY LANDSCAPE ARCHITECT). NOTE - IRREGULAR OR MULTI-STEMED TREES ATTACH W/NAILS TO BATTENS NO NAILS IN TREE. SHALL HAVE A SIMILAR STAKING PATTERN AS SINGLE TRUNKED TREES. STAKES NEED NOT SET ROOTBALL SO TRUNK FLARE — ALL BE ATTACHED TO EVERY STEM. OR TOP ROOT IS 2" ABOVE ALL SUPPORT MATERIALS ARE TO BE REMOVED SURROUDING GRADE. FROM THE TREES ONCE THE TREES HAVE INSTALL 3" OF MULCH OVER 3" — BECOME ESTABLISHED (NOT TO EXCEED 12 MONTHS FROM THE COMPLETION OF THE PROJECT). DIAMETER CIRCLE AROUND THE TRUNK, DO NOT PLACE MULCH WITHIN 3" OF THE TRUNK. - 6" HIGH TEMPORARY RETENTION RING OF SOIL TO ASSIST IN IRRIGATION OF THE TREE. REMOVE ANY PORTION OF WIRE -REMOVE RING 3 MONTHS AFTER INSTALLATION. BASKETS OR BURLAP ABOVE THE TOP HALF OF THE ROOTBALL. FOLD BACK BURLAP COVERING BELOW THE TOP HALF OF THE HOLES TO ACCOMMODATE PLANTS SHALL BE A MINIMUM ROOTBALL, COMPLETELY REMOVE OF THREE TIMES THE SIZED OF THE PLANT ROOTBALL. ALL SYNTHETIC ROOTBALL COVERING MATERIALS. ALL BACKFILL FOR TREES SHALL BE EXISTING SOIL WITH ALL ROCKS 2" OR LARGER REMOVED. LIGHTLY COMPACTED SUBGRADE WOOD STAKES TOP OF STAKES — FERTILIZER SHALL BE INSTALLED AS PER THE BELOW OR FLUSH WITH GRADE —— 3 TIMES ROOT BALL DIAMETER ——

> PLANTING & BRACING DETAIL OVER 3 1/2" CALIPER



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PLANTING **DETAILS AND**

07/26/2022 as noted