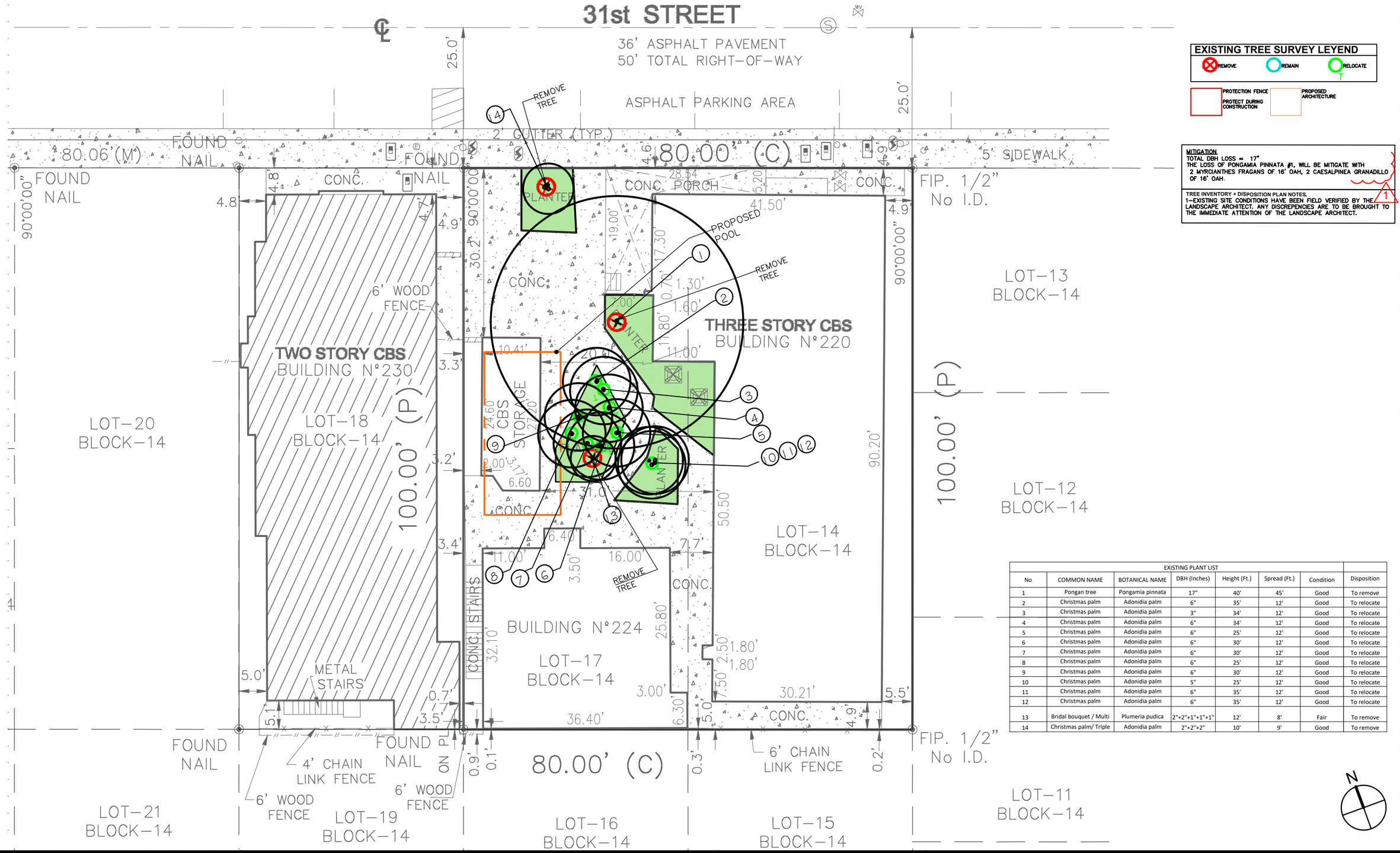


EXISTING TREE SURVEY LEYEND

REMOVE · REMAIN · RELOCATE

PROTECTION FENCE PROTECT DURING CONSTRUCTION · PROPOSED ARCHITECTURE

MITIGATION

TOTAL DBH LOSS = 17"
THE LOSS OF PONGAMIA PINNATA #1, WILL BE MITIGATE WITH 2 MYRCIANTHES FRAGANS OF 16' OAH, 2 CAESALPINEA GRANADILLO OF 16' OAH.

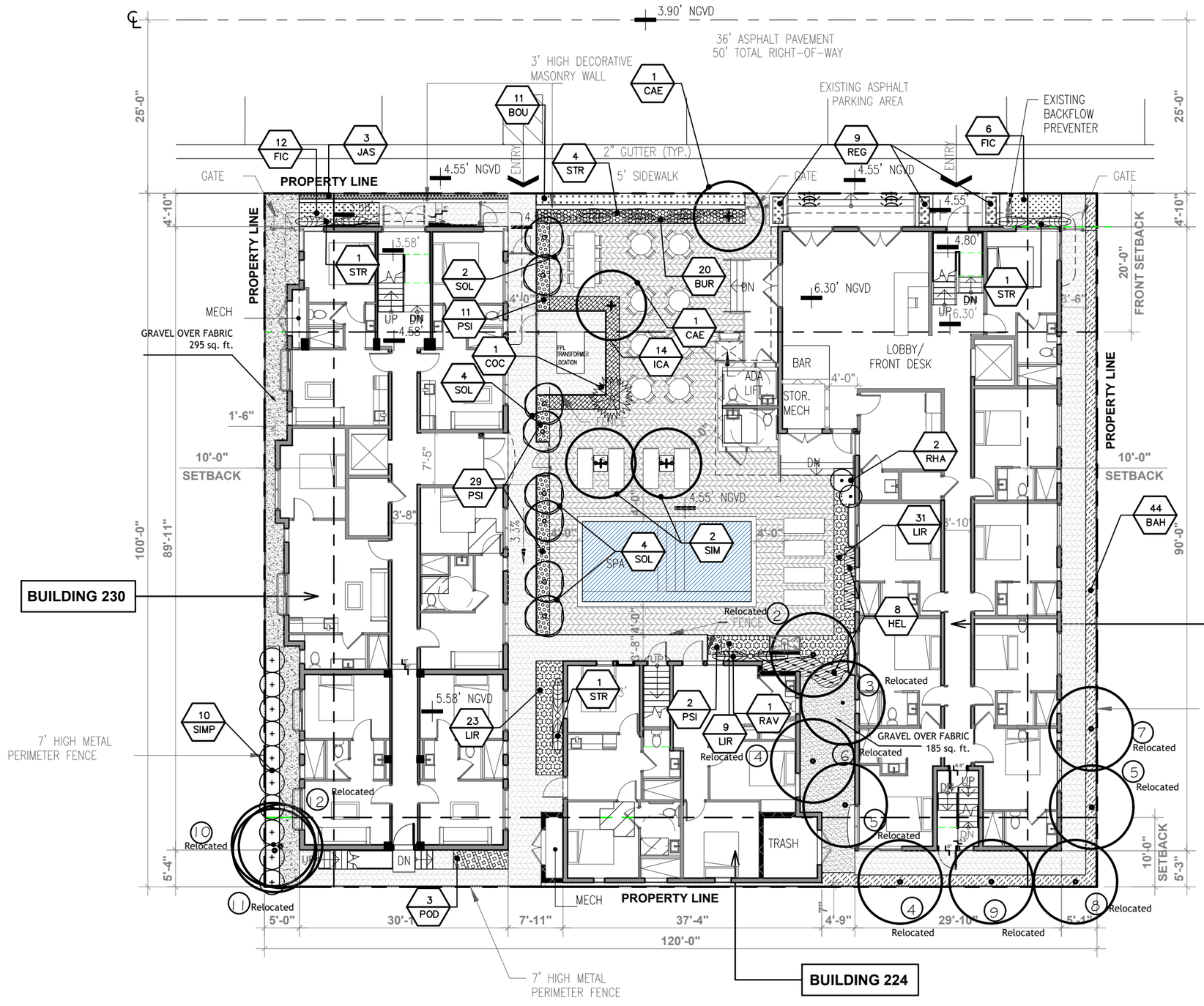
TREE INVENTORY + DISPOSITION PLAN NOTES.
1-EXISTING SITE CONDITIONS HAVE BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT. ANY DISCREPENCIES ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT.

EXISTING PLANT LIST

No	COMMON NAME	BOTANICAL NAME	DBH (Inches)	Height (Ft.)	Spread (Ft.)	Condition	Disposition
1	Pongan tree	Pongamia pinnata	17"	40'	45'	Good	To remove
2	Christmas palm	Adonidia palm	6"	35'	12'	Good	To relocate
3	Christmas palm	Adonidia palm	3"	34'	12'	Good	To relocate
4	Christmas palm	Adonidia palm	6"	34'	12'	Good	To relocate
5	Christmas palm	Adonidia palm	6"	25'	12'	Good	To relocate
6	Christmas palm	Adonidia palm	6"	30'	12'	Good	To relocate
7	Christmas palm	Adonidia palm	6"	30'	12'	Good	To relocate
8	Christmas palm	Adonidia palm	6"	25'	12'	Good	To relocate
9	Christmas palm	Adonidia palm	6"	30'	12'	Good	To relocate
10	Christmas palm	Adonidia palm	5"	25'	12'	Good	To relocate
11	Christmas palm	Adonidia palm	6"	35'	12'	Good	To relocate
12	Christmas palm	Adonidia palm	6"	35'	12'	Good	To relocate
13	Bridal bouquet / Multi	Plumeria pudica	2"+2"+1"+1"+1"	12'	8'	Fair	To remove
14	Christmas palm/ Triple	Adonidia palm	2"+2"+2"	10'	9'	Good	To remove

ARCHITECT	CONSULTANT	OWNER	PROJECT	DRAWING TITLE	DRAWING #
MTTR MGMT 7290 NW 1st COURT | MIAMI FL | 33150 www.ma77er.com	LANDSCAPE ARCHITECT RLA DIEGO VANDERBIEST 6200 S.W. 80 STREET MIAMI BEACH, FLORIDA 33143 PHONE 305-528-4001 Diego Vanderbiest Digitally signed by Diego Vanderbiest Date: 2023.10.06 18:55:26 -04'00'	South Florida United Investments LLC 220 31st STREET | MIAMI BEACH | FLORIDA | 33140	31st STREET	SURVEY PLAN 2023.10.05 · 1/16" = 1'-0" · 2310	L-00

31st STREET



PLANT LIST

SYM	KEY	NATIVE	Scientific name	Common name	QTY	AREA (sq ft)	Gal/Height
GROUNDCOVER							
	LIR	NO	Liriope	Monkey grass	64		1 G
	BUR	NO	Philodendron Burle Marx	-	20		1 G
VINES							
	JAS	NO	Trachelospermum jasminoides	Confederate jasmine	3		3 G
	BOU	NO	Bougainvillea Helen Johnson	Lesser bougainvillea	11		7 G
SHRUBS							
	SIM	YES	Myrcianthes fragans	Simpson Stopper	10		7 G/ 4' HT
	ICA	YES	Chrysobalanus icaco	Cocoplum	14		7 G/ 3' HT
	FIC	NO	Ficus microcarpa	Ficus green island	18		7 G
	BAH	YES	Psychotria ligustrifolia	Bahama Wild Coffee	44		7 G
	POD	NO	Podocarpus macrophyllus	Japanese yew	3		4' OAH
	REG	NO	Strelitzia reginae	Bird of Paradise	9		7 G
ACCENTS							
	RHA	NO	Rhaphis excelsa	Lady palm	2		7 G/ 4' OAH
	HEL	NO	Heliconia caribaea	Brazilian Bomber	8		7 G
	PSI	NO	Heliconia psittacorum	Parrot's Beak	42		7 G
PALMS							
	STR	NO	Strelitzia augusta	Bird of Paradise	7		10' OAH
	RAV	NO	Ravenala madagascariensis	Travelers Palm	1		10' OAH
	COC	YES	Cocothrinax radiata	Florida thatch palm	1		10' OAH
	SOL	NO	Ptychosperma elegans	Solitarie palm	8		10' OAH
TREES FOR MITIGATION							
	CAE	NO	Caesalpinea granadillo	Bridalveil Tree	2		16' OAH
	SIM	YES	Myrcianthes fragans	Simpson Stopper	2		16' OAH

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EXISTING PLANT LIST TO REMAIN

No	COMMON NAME	BOTANICAL NAME	DBH (Inches)	Height (Ft.)	Spread (Ft.)	Condition	Disposition
2	Christmas palm	Adonidia palm	6"	35'	12'	Good	To relocate
3	Christmas palm	Adonidia palm	3"	34'	12'	Good	To relocate
4	Christmas palm	Adonidia palm	6"	34'	12'	Good	To relocate
5	Christmas palm	Adonidia palm	6"	25'	12'	Good	To relocate
6	Christmas palm	Adonidia palm	6"	30'	12'	Good	To relocate
7	Christmas palm	Adonidia palm	6"	30'	12'	Good	To relocate
8	Christmas palm	Adonidia palm	6"	25'	12'	Good	To relocate
9	Christmas palm	Adonidia palm	6"	30'	12'	Good	To relocate
10	Christmas palm	Adonidia palm	5"	25'	12'	Good	To relocate
11	Christmas palm	Adonidia palm	6"	35'	12'	Good	To relocate
12	Christmas palm	Adonidia palm	6"	35'	12'	Good	To relocate

CITY OF MIAMI BEACH
LANDSCAPE LEGEND - 220_31 ST STREET

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS
Zoning District RM-2 Lot Area 12,000 Sq. Ft. Acres 0.27

	REQUIRED/	PROVIDED
OPEN SPACE		
A. Square feet of required Open Space as indicated on site plan: Lot Area = 12,000 s.f.x 10 % = 1200 s.f.	1,200 sq.ft.	4,434 sq.ft.
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces _____ x 10 s.f. parking space =	N/A	N/A
C. Total square feet of landscaped open space required: A+B=	1,200 sq.ft.	4,434 sq.ft.
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	1,200 sq.ft.	–
B. Maximum lawn area (sod) permitted= 50 % x 1,200 s.f.	600 sq.ft.(MAX)	–
TREES		
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= 28 trees x 0.27 net lot acres - number of existing trees=	8	4 TREES (16'OH) 11 PALMS
B. % Natives required: Number of trees provided x 30% =	1	2
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	2	4
D. Street Trees (maximum average spacing of 20' o.c.) _____ linear feet along street divided by 20'=	N/A	N/A
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): 120 linear feet along street divided by 20'=	N/A	N/A
	0	0
SHRUBS		
A. Number of shrubs required: Sum of lot and street trees required x 12=	96	98
B. % Native shrubs required: Number of shrubs provided x 50%=	49	68
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	10	10
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	5	10

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ARCHITECT	CONSULTANT	OWNER	PROJECT	DRAWING TITLE	DRAWING #
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LANDSCAPE NOTES

1. ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER.

2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF, AVOID, AND PROTECT ALL UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES.

3. TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

4. ANY CHANGES TO R.O.W. (RIGHT OF WAY) MATERIAL IN REGARDS TO PLACEMENT OF SPECIES SHALL REQUIRE THE APPROVAL AND CONSULTATION OF THE CITY URBAN FORESTER AND OR CITY STAFF.

5. ALL PLANTING SOIL SHALL BE 50:50 TOPSOIL:SAND MIX, FREE OF CLAY, STONES, ROCKS, OR OTHER FOREIGN MATTER. THIS SPECIFICATION INCLUDES ALL BACKFILL FOR BERMS AND OTHER LANDSCAPE AREAS.

6. CARE SHALL BE TAKEN TO AVOID PLACEMENT OF CONSTRUCTION FILL, GRAVEL, AND OR DEBRIS OVER THE ROOTBALLS OF INSTALLED OR EXISTING TREES AND OR PALMS ON SITE.

   SODDED–LAWN AREAS
   2" DEPTH PLANTING SOIL SPREAD IN PLACE– THROUGHOUT.

   GROUNDCOVER PLANTING BEDS:
   6" DEPTH PLANTING SOIL SPREAD IN PLACE– THROUGHOUT.

   SHRUB AND HEDGE PLANTING AREAS:
   12" DEPTH PLANTING SOIL SPREAD IN PLACE– THROUGHOUT.

   TREES, PALMS, SPECIMEN PLANT MATERIAL LOCATIONS:
   REMOVE ALL LIMEROCK PRESENT TO A DEPTH OF AT LEAST 30"BEFORE PLACING NEW PLANTING SOIL. APPLY NEW CLEAN PLANTING SOIL IN PLANTING AREA AS REQUIRED

   LANDSCAPE ISLANDS AND BUILDING FOUNDATIONS:
   EXCAVATE AND REMOVE ALL LIMEROCK, ROCKS, DEBRIS. ETC. TO A DEPTH OF 12" AND BACKFILL W/ 50:50 TOPSOIL:SAND MIX. BUILDING FOUNDATIONS SHALL BE THE SAME DEPTH TO A WIDTH OF 36" FROM THE BUILDING BASE.

7. THE SITE CONTRACTOR SHALL BE RESPONSIBLE TO BRING ALL GRADES TO WITHIN 2" OF FINAL GRADES. THIS SHALL INCLUDE A 2" APPLICATION OF 50:50 TOPSOIL:SAND MIX FOR ALL LANDSCAPE AND AREAS TO BE SODDED.

8. THE LANDSCAPE CONTRACTOR SHALL CALCULATE AND SUBMIT AN ITEMIZED PRICE FOR THE 2" APPLICATION OF 50:50 MIX FOR ALL SOD AREAS AS A REFERENCE IN THE CASE THAT THERE WOULD BE A DISCREPANCY BETWEEN SITE AND LANDSCAPE CONTRACTORS AND NOTIFY THE SITE CONTRACTOR OR PROJECT SUPERINTENDENT AS TO THIS DISCREPANCY. IT WILL THEN BE DETERMINED WHICH PARTY WILL PROVIDE THIS 2" TOPSOIL:SAND APPLICATION AND SUBSEQUENT PAYMENT.OTHER PLANTING SOIL MIXES TO BE ADDED, I.E. FOR TREES, PALMS, SPECIMEN PLANTS, SHRUBS AND GROUNDCOVERS SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR AND BE INCLUSIVE WITH THE LANDSCAPE BID.

9. ALL EXISTING TREE + PALM INFORMATION THAT HAS BEEN PROVIDED ON THIS PLAN FOLLOWS THE MIAMI BEACH COUNTY E.R.M. TREE PERMITTING GUIDELINES. ANY TREES or PALMS CONSIDERED INVASIVE OR THAT FALLS UNDER THE TREE PERMIT EXEMPTION / PROHIBITED SPECIES LIST 24–94 (4) MAY NOT BE SHOWN FOR CLARITY PURPOSES. ANY DISCREPANCIES IF NOTED UPON FURTHER FIELD INSPECTION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT.

10. IRRIGATION SHALL PROVIDE FOR A 100% COVERAGE WITH 50% OVERLAP MINIMUM AND BE PROVIDED BY A FULLY AUTOMATIC IRRIGATION SYSTEM W/ RAIN MOISTURE SENSOR ATTACHED TO CONTROLLER. ALL FLORIDA BUILDING CODE APPENDIX "F" IRRIGATION REQUIREMENTS SHALL BE STRICTLY ADHERED TO FOR INSTALLATION AND PREVAILING WATER MANAGEMENT DISTRICT RESTRICTIONS AND REGULATIONS SHALL BE IN COMPLIANCE FOR POST–INSTALLATION WATERING SCHEDULES.CONTRACTOR SHALL COORDINATE WITH THE IRRIGATION CONTRACTOR AND LEAVE PROVISIONS FOR ALL SLEEVING AND PIPE ROUTING. ALL UNDERGROUND UTILITIES TO BE LOCATED BY DIALING 811 AS REQUIRED BY LAW.

11. ALL EXISTING TREE + PALM INFORMATION THAT HAS BEEN PROVIDED ON THIS PLAN FOLLOWS THE MIAMI BEACH COUNTY E.R.M. TREE PERMITTING GUIDELINES. ANY TREES or PALMS CONSIDERED INVASIVE OR THAT FALLS UNDER THE TREE PERMIT EXEMPTION / PROHIBITED SPECIES LIST 24–94 (4) MAY NOT BE SHOWN FOR CLARITY PURPOSES. ANY DISCREPANCIES IF NOTED UPON FURTHER FIELD INSPECTION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT.

12. ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" WITH A SMALL GRAY GRANITE AGGREGATE or APPROVED ORGANIC MULCH FREE FROM WEEDS AND PESTS. NO 'CYPRESS MULCH' OR 'RED DYED MULCH' TO BE ACCEPTED. KEEP MULCH 3" AWAY FROM TREE OR PALM TRUNKS AS PER INDUSTRY RECOMMENDATIONS.

13. SOD SHALL BE 'EMPIRE TURF' ZOYSIA GRASS IN ALL LAWN AREAS AS SHOWN ON THE PLANS. SOD SHALL BE STRONGLY ROOTED, FREE FROM WEED, FUNGUS, INSECTS AND DISEASE. CONTRACTOR SHALL SOD ALL AREAS AS INDICATED ON THE PLANS OR AS DIRECTED. PAYMENT SHALL BE DETERMINED BY THE TOTAL MEASURED SODDED AREAS X THE UNIT PRICE SUBMITTED AND FIELD VERIFIED. SOD SHALL CARRY A 5–MONTH WARRANTY.

14. ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE–YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.

14A. MAINTENANCE: ALL NEWLY INSTALLED PLANTING MATERIAL WILL BE MAINTEINDED IN A CONDITION THAT MEETS OR EXCEEDS FLORIDA GRADE #01 AND HAS A (01) YEAR REPLACEMENT GUARANTEE

15. ALL TREES AND PALMS SHALL BE STAKED PER ACCEPTED STANDARDS BY THE FLORIDA NURSERYMEN & GROWERS LANDSCAPE ASSOCIATION (FNGLA) AND ANSI A–300 (PART 6)–2012 TREE, SHRUB, AND OTHER WOODY PLANT MANAGEMENT STANDARD PRACTICES (PLANTING AND TRANSPLANTING). CONTRACTOR SHALL ENSURE THAT THE PLANS, DETAILS, SPECIFICATIONS AND NOTES HAVE BEEN ADHERED TO AND THAT THE LANDSCAPE AND IRRIGATION INSTALLATION IS COMPLIANT TO ALL ITEMS AS DIRECTED ON THE PLANS PRIOR TO SCHEDULING OF THE FINAL INSPECTION.

    CONTRACTOR SHALL REMOVE ALL STAKES, POLES, WELLINGTON TAPE AND OR BRACING MATERIALS FROM ALL PALMS, TREES AND SHRUBS WITHIN 1 YEAR OF INSTALLATION.

16. THE PLANT LIST IS INTENDED ONLY AS AN AID TO BIDDING. ANY DISCREPANCIES FOUND BETWEEN THE QUANTITIES ON THE PLAN AND PLANT LIST, THE QUANTITIES ON THE PLAN SHALL BE HELD VALID.

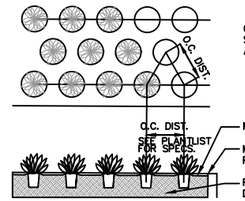
17. IF NECESSARY, CONTRACTOR SHALL PROVIDE A WATER TRUCK DURING PLANTING TO ENSURE PROPER WATERING–IN DURING INSTALLATION AND CONTRACTOR WILL BE RESPONSIBLE FOR CONTINUAL WATERING UNTIL FINAL ACCEPTANCE BY THE OWNER.

    A MINIMUM OF 6 MONTHS OF SUPPLEMENTAL HAND OR AUTOMATIC IRRIGATION SYSTEM WATERING SHALL BE REQUIRED TO AID IN NEW TREE OR PALM ESTABLISHMENT.

18. FERTILIZATION: ONE COMPLETE APPLICATION OF GRANULAR FERTILIZER SHALL BE APPLIED PRIOR TO FINAL ACCEPTANCE AND APPROVAL BY THE LANDSCAPE ARCHITECT. FERTILIZER SHALL BE OSMACOTE OR APPROVAL EQUAL.

19. SHOULD ANY TREES OR PALMS BE DAMAGED THEY SHALL BE EVALUATED BY THE CITY STAFF TO DETERMINE CORRECTIVE ACTIONS THAT MAY INCLUDE REMOVAL, CORRECTIVE PRUNING AND OR REPLACEMENT. ANY CORRECTIVE ACTION REQUIRED SHALL BE PERFORMED IN ACCORDANCE WITH A MIAMI BEACH COUNTY CODE, ANSI–A 300 PRUNING STANDARDS AND OR AN ISSUED ERM TREE PERMIT OR ENVIRONMENTAL PERMIT. ANY CORRECTIVE PRUNIING REQUIRED SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST OR ASCA CONSULTING ARBORIST

20. ALL TREES + PALMS TO REMAIN OR BE RELOCATED ON SITE IN THE VICINITY OF CONSTRUCTION ACTIVITIES, SHALL BE PROTECTED THROUGH THE USE OF TREE PROTECTION BARRICADES INSTALLED AT THE TREE OR PALM DRIP LINE. A TREE PROTECTION FENCE SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING AND SHALL REMAIN IN PLACE UNTIL ON SITE CONSTRUCTION HAS BEEN COMPLETED.



GROUNDCOVERS TO BE STAGGERED AS SHOWN – SPACING BETWEEN ROWS TO BE AT A 60 DEGREE ANGLE OF THE O.C. DISTANCE AS SHOWN

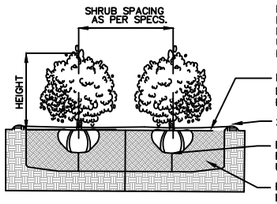
MULCH – SEE SPECS. FOR DEPTH, TYPE, ETC.

MULCH SHALL BE LEVEL WITH ALL EDGES OF PAVEMENT TYPICAL

PLANTING SOIL MIX – SEE NOTES FOR TYPE, DEPTH, ETC.

GROUNDCOVER PLANTING DETAIL

N.T.S.



PLANT MATERIAL SHALL NOT BE PRUNED PRIOR TO INSTALLATION, AFTER PLANTS HAVE BEEN INSTALLED, EACH PLANT SHALL BE PRUNED FOR UNIFORMITY OR AT THE DIRECTION OF THE PROJECT LANDSCAPE ARCHITECT.

MULCH – SEE SPECS. FOR DEPTH, TYPE, ETC.
MULCH SHALL BE LEVEL WITH ALL EDGES OF PAVEMENT TYPICAL

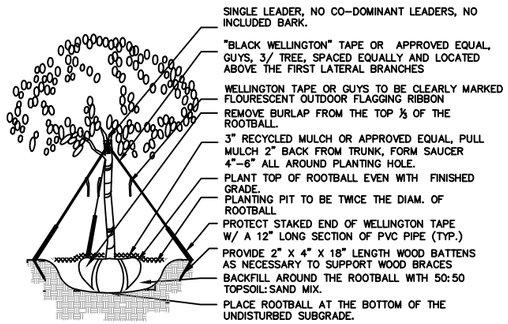
2" MIN. SAUCER COLLAR FOR WATER RETENTION

LEAVE MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING, OR, COMPACT THOROUGHLY UNDER SHRUB AS NEEDED.

PLANTING SOIL MIX – SEE LANDSCAPE NOTES, FOR MIX, DEPTH, ETC.

SHRUB PLANTING DETAIL

N.T.S.



SINGLE LEADER, NO CO–DOMINANT LEADERS, NO INCLUDED BARK.

"BLACK WELLINGTON" TAPE OR APPROVED EQUAL, GUYS, 3/ TREE, SPACED EQUALLY AND LOCATED ABOVE THE FIRST LATERAL BRANCHES

WELLINGTON TAPE OR GUYS TO BE CLEARLY MARKED W/ FLOURESCENT OUTDOOR FLAGGING RIBBON

REMOVE BURLAP FROM THE TOP ⅓ OF THE ROOTBALL

3" RECYCLED MULCH OR APPROVED EQUAL, PULL MULCH 2" BACK FROM TRUNK, FORM SAUCER 4"–6" ALL AROUND PLANTING HOLE.

PLANT TOP OF ROOTBALL EVEN WITH FINISHED GRADE.

PLANTING PIT TO BE TWICE THE DIAM. OF ROOTBALL

PROTECT STAKED END OF WELLINGTON TAPE W/ A 12" LONG SECTION OF PVC PIPE (TYP.)

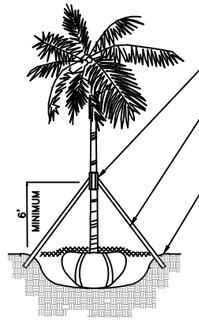
PROVIDE 2" X 4" X 18" LENGTH WOOD BATTENS AS NECESSARY TO SUPPORT WOOD BRACES

BACKFILL AROUND THE ROOTBALL WITH 50:50 TOPSOIL:SAND MIX.

PLACE ROOTBALL AT THE BOTTOM OF THE UNDISTURBED SUBGRADE.

TREE PLANTING DETAIL

N.T.S.



TRANSPLANT OPERATIONS TO BE SUPERVISED BY AN ISA CERTIFIED ARBORIST.

WOOD BATTENS FOR SUPPORT. UTILIZE BURLAP TO PROTECT TRUNK. DO NOT NAIL TO PALM

WOOD BRACES PROVIDED – MINIMUM OF THREE. THE CONTRACTOR SHALL BE RESPONSIBLE TO ADD BRACING AS NECESSARY TO PROVIDE ADEQUATE SUPPORT. 4" X 4" AS NEEDED FOR ROYAL PALMS.

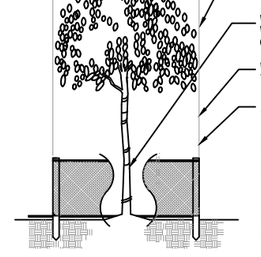
SET THE PALM NO DEEPER THAN ITS ORIGINAL CONDITION AND WATER TO ELIMINATE AIR POCKETS BACKFILL WITH A MIXTURE OF 50% NATIVE SOIL AND 50% OF 50:50 TOPSOIL:SAND MIXTURE

SAUCER ALL AROUND FOR WATER RETENTION

POST TRANSPLANT WATERING TO PROVIDE MOISTURE AND REDUCE ANY EXCESSIVE STRESS DUE TO DESSICATION. WATERING TO BE ADJUSTED ACCORDING TO CONDITIONS AND AT THE SUPERVISION AND DIRECTION OF THE ISA CERTIFIED ARBORIST.

PALM TRANSPLANT DETAIL

N.T.S.



TREE + PALM PROTECTION BARRIERS TO EXTEND BEYOND THE "DRIPLINE" or TO THE "CRITICAL ROOT ZONE AREA" OF ALL TREES / PALMS TO BE PROTECTED. EXTEND WHERE NECCESSARY TO PROTECT TREE CANOPY ROOTS.

WIRE MESH SECURELY ATTACHED TO 4" X 4" POSTS PROVIDE ALL WEATHER ORANGE SAFETY FLAGGING TAPE ON WIRE MESH AT EVERY CORNER POST OR 5' ON CENTER FOR VISIBILITY PURPOSES

WOOD POSTS (4" X 4" X 5' MIN.) 5' MAXIMUM SPACING FOR TOTAL LENGTH OF PROTECTION AREA AS REQUIRED.

#3 REBAR FIRMLY DRIVEN INTO GROUND + SELECTIVELY PLACED SO AS NOT TO DAMAGE ANY EXISTING PALM ROOTS. SECURELY ATTACH "BRIGHTLY COLORED ALL WEATHER SAFETY BARRIER MATERIAL" TO ALL REBAR + PROVIDE BRIGHTLY COLORED SAFETY CAPS ON ALL EXPOSED MEMBERS. EXACT LOCATION + ORIENTATION OF TREE / PALM PROTECTION BARRIERS TO BE FIELD ADJUSTED AS NECESSARY. LOCATIONS ON PLAN AS INDICATED ARE SCHEMATIC AND SHALL BE FIELD ADJUSTED AS REQUIRED UNDER THE SUPERVISION OF THE BIOLOGIST + THE LANDSCAPE ARCHITECT.

TREE PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES / PALMS TO REMAIN OR BE RELOCATED.

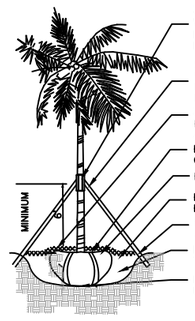
NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC.

ALL TREE PROTECTION ELEMENTS + SPECIFICATIONS AS NOTED ON THIS DETAIL SHALL FOLLOW THE MOST CURRENT VERSION OF THE CITY OF MIAMI BEACH "TREE PRESERVATION AND PROTECTION STANDARDS"

PROTECTION DETAIL NOTE
CONTRACTOR TO INSTALL PROTECTIVE FENCE BARRIER AROUND ALL EXISTING TREES OR PALMS TO REMAIN AT THE START OF THE PROJECT. FENCE TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NOT BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH COUNTY URBAN FORESTER.

TREE / PALM PROTECTION DETAIL

N.T.S.



3 – 2" x 4" WOOD BATTENS SECURED TO PALM W/ STEEL BANDING–DO NOT NAIL INTO PALM. TOE NAIL 2' X 4" BRACE TO BATTENS. MINIMUM 3 LAYERS OF BURLAP

2" x 4" WOOD BRACES ON ALL TALL PALMS & 4" X 4" WOOD BRACES FOR ROYAL PALMS. MINIMUM OF 3 PER PALM. BRACES SHALL BE CLEARLY MARKED WITH FLOURESCENT OUTDOOR FLAGGING RIBBON

3" RECYCLED MULCH OR APPROVED EQUAL, PULL MULCH 2" BACK FROM TRUNK, FORM SAUCER 4"–6" ALL AROUND PLANTING HOLE.

PLANT TOP OF ROOTBALL EVEN WITH FINISHED GRADE.

REMOVE BURLAP FROM TOP ⅓ OF THE ROOTBALL

PLANTING PIT TO BE TWICE THE DIAM. OF ROOTBALL

PROVIDE 2" X 4" X 18" LENGTH WOOD BATTENS AS NECESSARY TO SUPPORT WOOD BRACES

BACKFILL AROUND THE ROOTBALL WITH 50:50 TOPSOIL:SAND MIX

PLACE ROOTBALL AT THE BOTTOM OF THE UNDISTURBED SUBGRADE.

PALM PLANTING DETAIL

N.T.S.

ARCHITECT	CONSULTANT	OWNER	PROJECT	DRAWING TITLE	DRAWING #
MTTR MGMT 7290 NW 1st COURT | MIAMI FL | 33150 www.ma77er.com	LANDSCAPE ARCHITECT RLA DIEGO VANDERBIEST 6200 S.W. 80 STREET MIAMI BEACH, FLORIDA 33143 PHONE 305-528-4001 Diego Vanderbiest — Digitally signed by Diego Vanderbiest Date: 2023.10.06 18:56:04 -04'00'	South Florida United Investments LLC 220 31st STREET | MIAMI BEACH | FLORIDA | 33140	31st STREET	LANDSCAPE NOTES 2023.10.05 1/16" = 1'-0" 2310	L-02

PLANTS CATALOGUE

GROUNDCOVERS



Liriope
Monkey grass



Philodendron burle marx
Burle Marx

SHRUBS



Myrciantes frangans
Simpson stopper



Chrysobalanus icaco
Cocoplum



Ficus microcarpa
Green island ficus



Psychotria ligustrifolia
Bahama wild coffee



Podocarpus macrophyllus
Japanese yew



Strelitzia reginae
Bird of paradise

ACCENTS



Raphis excelsa
Lady palm



Heliconea caribaea
Brazilian bomber



Heliconea psittacorum
Parrot's beak

PALMS



Wodyetia bifurcata
Foxtail palm



Strelitzia augusta
White bird of paradise



Ravenala madagascariensis
Traveler's palm



Coccothrinax radiata
Florida thatch palm



Cocos nucifera
Coconut palm



Ptychosperma elegans
Solitarie palm

TREES



Caesalpinea granadillo
Bridalveil tree



Myrciantes frangans
Simpson stopper

VINES



Trachelospermum jasminoides
Confederate jasmine



Bougainvillea Helen Johnson
-

LANDSCAPE CONCEPT:

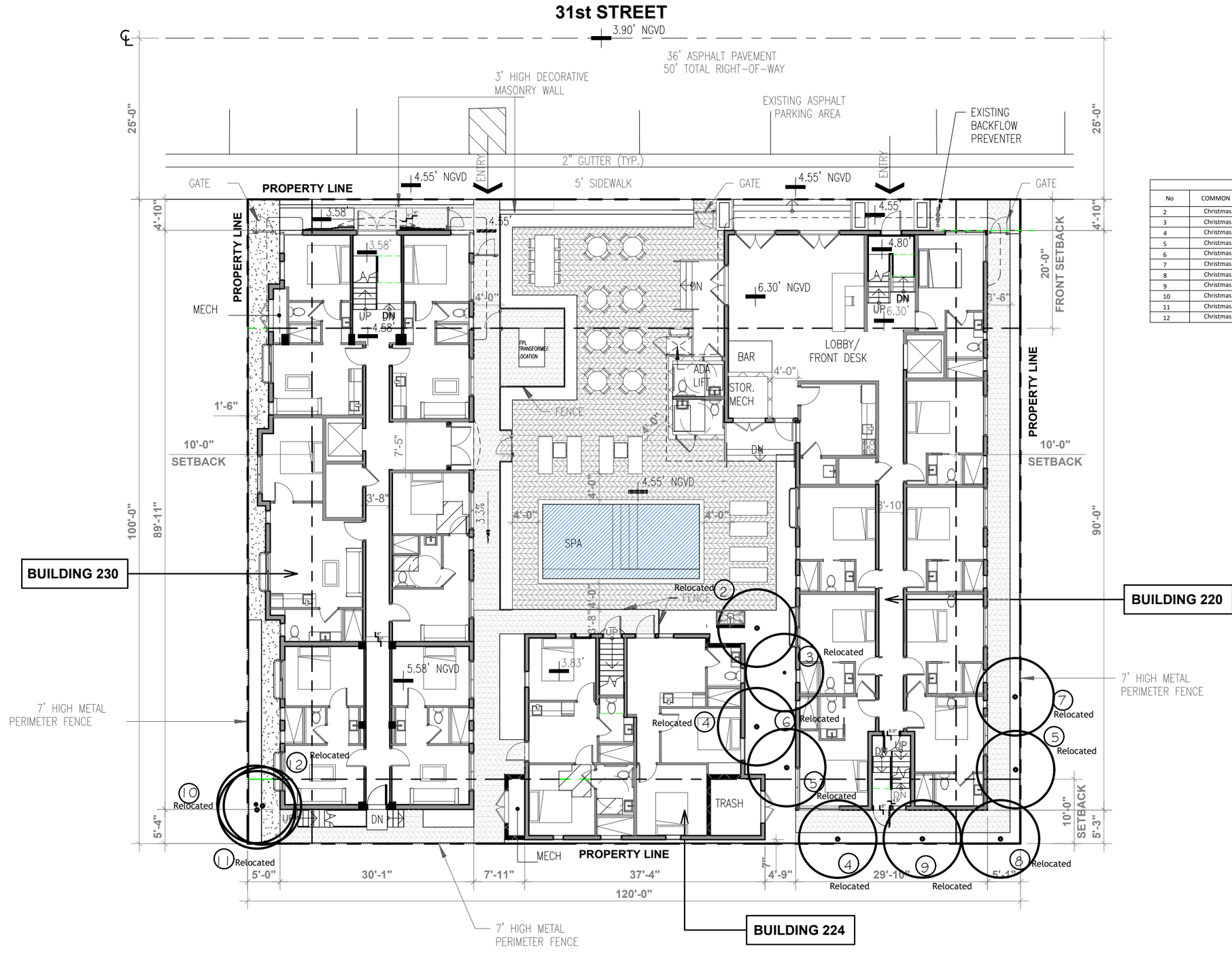
The landscape design for this project combines the tropical elements of its context with the Florida's local plants.

On the plant list we can see the use of several exotic plants, such as Bird of Paradise (*Streliztia reginae),* Brazilian Bomber (*Heliconea caribaea),* and even groundcovers like *Philodendron burle marx,* those plants brings a tropical atmosphere to the hotel with different colors and textures. We can find as well some palm trees that helps to bring shadow and topicality to the project, with the use of Coconut palms (*Cocos nucifera),* and Traveler's palms *(Ravenala madagascariensis),* we find some milestones on the landscape that helps with the same plant diversity as we have on the surroundings of the project.

Also, the project combines these tropical plants with more locally obtained ones, like the Bahama wild coffee (*Psuchotria ligustrifolia),* Cocoplum (Chrysobalanus icaco), Simpson stopper (*Myrciantes fragans), etc.* The use of local plants also benefits the landscape project, because it guarantees the growth and the preservation of the green areas of the hotel, needing less maintenance and care.

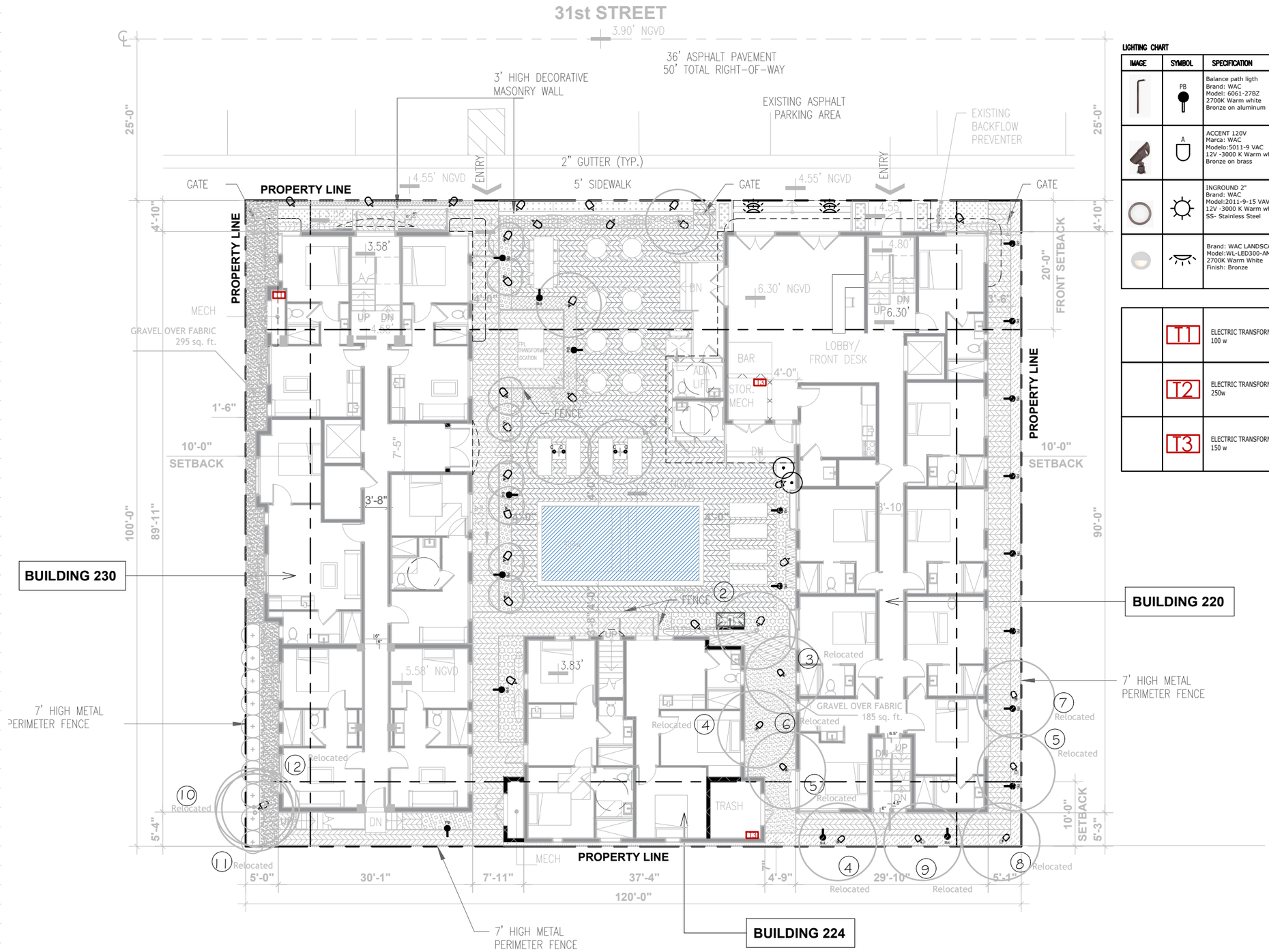
In this way, we'll have not only an exotic and colorful green areas, with the perk of having less trouble to maintain it.

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EXISTING PLANT LIST TO REMAIN							
No	COMMON NAME	BOTANICAL NAME	DBH (Inches)	Height (Ft.)	Spread (Ft.)	Condition	Disposition
2	Christmas palm	Adonidia palm	6"	35'	12'	Good	To relocate
3	Christmas palm	Adonidia palm	3"	34'	12'	Good	To relocate
4	Christmas palm	Adonidia palm	6"	34'	12'	Good	To relocate
5	Christmas palm	Adonidia palm	6"	25'	12'	Good	To relocate
6	Christmas palm	Adonidia palm	6"	30'	12'	Good	To relocate
7	Christmas palm	Adonidia palm	6"	30'	12'	Good	To relocate
8	Christmas palm	Adonidia palm	6"	25'	12'	Good	To relocate
9	Christmas palm	Adonidia palm	6"	30'	12'	Good	To relocate
10	Christmas palm	Adonidia palm	5"	25'	12'	Good	To relocate
11	Christmas palm	Adonidia palm	6"	35'	12'	Good	To relocate
12	Christmas palm	Adonidia palm	6"	35'	12'	Good	To relocate

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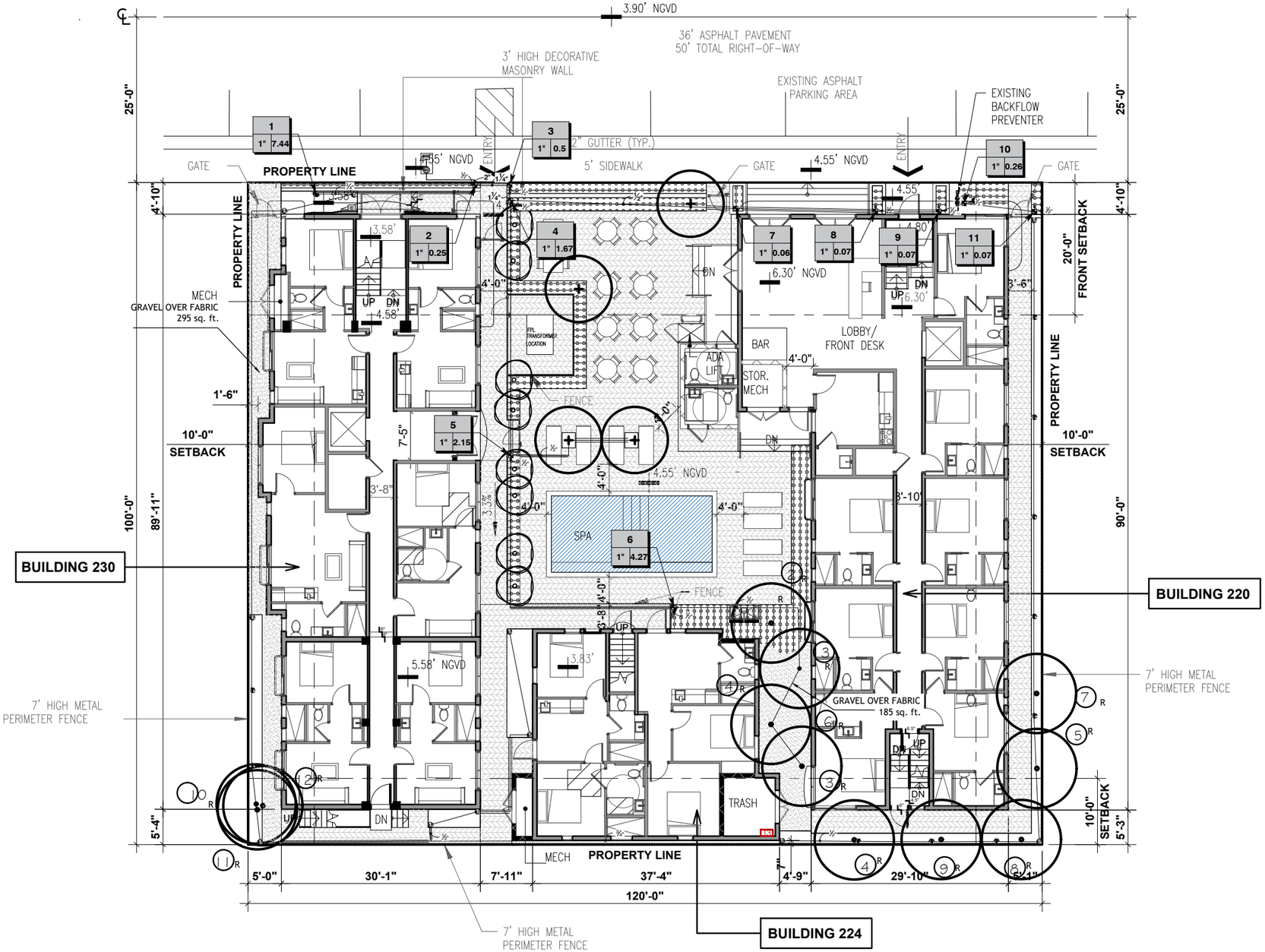
LIGHTING CHART

IMAGE	SYMBOL	SPECIFICATION	QUANTITY	POTENCIE	TOTAL POTENCIE	ACCESSORY
	PB	Balance path ligth Brand: WAC Model: 6061-27BZ 2700K Warm white Bronze on aluminum	19	6.5 W	123.5 W	Guardian mount accessory Marca: WAC Modelo: 9000-SP9-BZ Bronze on stainless steel
	A	ACCENT 120V Marca: WAC Modelo:5011-9 VAC 12V -3000 K Warm white Bronze on brass	34	9 W	306W	
		INGROUND 2" Brand: WAC Model:2011-9-15 VAV 12V -3000 K Warm white SS- Stainless Steel	4	4.1 W	16.4 W	
		Brand: WAC LANDSCAPE LIGHTING Model:WL-LED300-AM-BZ 2700K Warm White Finish: Bronze	4	3.9 W	15.6 W	

	T1	ELECTRIC TRANSFORMER 100 w	1			
	T2	ELECTRIC TRANSFORMER 250w	1			
	T3	ELECTRIC TRANSFORMER 150 w	1			

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31st STREET

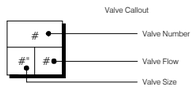


IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL
LST SST RST	Rain Bird R-VAN-STRIP 1806-SAM-P45 Shrub Rotary, 5ft.x15ft. (LCS and RCS), 5ft.x30ft. (SST) Hand Adjustable Multi-Stream Rotary w/ 1800 shrub spray body on 6in. pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2in. NPT Female Threaded Inlet.	21	45	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird XCZLF-100-PRF 1" Low Flow, 0.2-10 GPM, with 1in. Low Flow Valve valve and 1in. Pressure Regulating RBY filter and 40psi pressure regulator.	10	
	Rain Bird XFS-CV-04-12 Drip Ring	5	
	Area to Receive Dripline Rain Bird XFS-06-12 XFS Sub-Surface Pressure Compensating Dripline w/Copper Shield Technology. 0.6 GPH emitters at 12" O.C. Laterals spaced at 12" apart, with emitters offset for triangular pattern. UV Resistant. Specify XF insert fittings.	503.8 l.f.	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird PGA-PRS-D Angle 1" 1in., 1-1/2in., 2in. Electric Remote Control Valve, Angle. With Pressure Regulator Module.	1	
MV	Rain Bird PGA-PRS-D Angle 1" 1in., 1-1/2in., 2in. Electric Master Valve, Angle. With Pressure Regulator Module.	1	
C	Rain Bird ESP-9V4 4 Zone, 9V battery-operated controller with solenoid. Install with (TBOSPSOL) 9V., DC Latching Solenoid. Use (TBOSADAPP or TBOSADAPB) Adapters for Non-Rain Bird Plastic/Brass valves.	1	
WM	Water Meter 1"	1	
	Irrigation Lateral Line: PVC Schedule 40	0.4 l.f.	
	Irrigation Lateral Line: PVC Schedule 40 1/2"	254.7 l.f.	
	Irrigation Lateral Line: PVC Schedule 40 3/4"	196.2 l.f.	
	Irrigation Mainline: PVC Schedule 40 1/2"	79.4 l.f.	
	Irrigation Mainline: PVC Schedule 40 1 1/4"	93.9 l.f.	
	Irrigation Mainline: PVC Schedule 40 2"	36.8 l.f.	
	Pipe Sleeve: PVC Class 200 SDR 21	131.3 l.f.	



ZONE SCHEDULE

ZONE	HEAD TYPE	GPM
1	Shrub Rotary	7.44
2	All Drip	9.37

N

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