IRRIGATION NOTES

- ALL LOCAL MUNICIPAL AND STATE LAWS, RULES AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES. STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILIT STRUCTURES AND SERVICES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY. ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE.
- 3. THE CONTRACTOR SHALL OBTAIN THE PERTINENT ENGINEERING OR ARCHITECTURAL PLANS BEFORE BEGINNING WORK.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM THE WORK INDICATED HEREIN BEFORE BEGINNING WORK.
- 5. THIS DESIGN IS DIAGRAMMATIC. ALL EQUIPMENT SHOWN IN PAVED AREAS IS FOR DESIGN CLARITY ONLY AND IS TO BE INSTALLED WITHIN PLANTING AREAS.
- 6. THE CONTRACTOR SHALL NOT WILLEULLY INSTALL ANY EQUIPMENT AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT LUNKIOWN CONDITIONS EXIST THAT WERE NOT EVIDENT AT THE TIME THESE PLANS WEEP REPEARED. ANY SUCH CONNITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO ANY WORK OR THE IRRIGIATION CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY FIELD CHANGES DEEMED NECESSARY BY THE OWNER.
- INSTALL ALL EQUIPMENT AS SHOWN IN THE DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH LOCAL CITY, COUNTY AND STATE REQUIREMENTS FOR BOTH EQUIPMENT AND INSTALLATION.
- CONTRACTOR IS TO PROVIDE AN ADDITIONAL PILOT WIRE FROM CONTROLLER ALONG ENTIRETY OF MAINL LINE TO THE LAST RCV ON EACH AND EVERY LEG OF MAIN LINE. LABEL SPARE WIRES AT BOTH ENIDS.
- ALL PIPE UNDER PAVED AREAS TO BE INSTALLED IN SLEEVING 2.5 TIMES THE DIAMETER OF THE PIPE CARRIED. SEE LEGEND FOR TYPE. ALL WIRE UNDER PAVED AREAS TO BE INSTALLED IN A SCH. 40 SLEEV THE SIZE REQUIRED TO EASILY PULL WIRE THROUGH. ALL SLEEVES TO BE INSTALLED WITH A MINIMUM DEPTH AS SHOWN ON THE SLEEVING DETAILS. SLEEVES TO EXTEND AT LEAST 12° PAST THE DEDG OF THE PAVING.
- 10. ALL QUICK COUPLER AND REMOTE CONTROL VALVES TO BE INSTALLED IN SHRUB OR GROUND COVER AREAS WHERE POSSIBLE. ALL QUICK COUPLER AND REMOTE CONTROL VALVES TO BE INSTALLED AS HOWNO NT HE INSTALLATION DETAILS. INSTALL ALL QUICK COUPLER AND REMOTE CONTROL VALVES WITHIN 18" OF HARDSCAPE.
- 11. ALL HADD ARE TO BE INSTALLED WITH THE NOZZE, SORGEN AND ARES SHOWN ON THE PLANS. THE MEMORY AND THE PLANS ARE TO BE ADMITTED THAT DREADED TO THE SHOWN ON THE PLANS. RELINES AND HADDOCAPE. THIS INCLIDES BUT NOT LIMITED TO, ADMISSIONED TO DIFFUSER FINIOR OF ADMISSIONED TO SERVE ON THE NOZDEN OF THE SESSURE COMPENSATING SCREENS, REPLACEMENT OF PROZEES WITH MORE APPROPRIATE RADIUS UNITS AND THE REPLACEMENT OF HOZZEES WITH ADMISSIANCE ARE UNITS.
- 12. CONTRACTOR SHALL INSTALL ADDITIONAL CHECK VALVES TO HEADS AND LATERALS AS REQUIRED TO PREVENT LOW HEAD DRAINAGE.
- 13. THE CONTRACTOR SHALL USE PROPER GROUNDING TECHNIQUES FOR GROUNDING THE CONTROLLER AND RELATED EQUIPMENT FER MANUFACTURERS SPECIFICATIONS. SWEENEY AND ASSOCIATES RECOMMENDS MEASURING FOR ROPER GROUND AT LEAST ONCE ANNUALLY, AND NECESSARY ADJUSTMENTS MADE TO COMPLY WITH MANUFACTURER SPECIFICATIONS.

IRRIGATION SYSTEM DESCRIPTION

THE IRRIGATION SYSTEM SHALL BE A FULLY AUTOMATIC SYSTEM AS DESCRIBED BELOW: APPLICATION METHODS:

ALL TURF AREAS SHALL BE IRRIGATED WITH POP-UP SPRINKLER HEADS THAT PROVIDE HEAD-TO-HEAD (100%) COVERAGE OF THE TURF AREA POP-UP HEADS SHALL BE 6" TYPE. NOZZLES USED ON SPRINKLER HEADS SHALL BE ADJUSTABLE ARC SPRAY HEADS WITH MATCHED PRECIPITATION RATES. HEADS SHALL BE INSTALLED ON SWING JOINTS.

ALL SHRUB AND GROUND COVER AREAS SHALL BE IRRIGATED WITH SUB-SURFACE DRIP TUBING IRRIGATION SYSTEMS. DRIP TUBING SYSTEMS SHALL BE BURIED 2" BELOW FINISHED SOIL GRADE. DRIP TUBING SHALL BE SPACED IF APART AT A MAXMUM WITH THE PERIMETER ROWS OF TUBING NO FARTHER THAN 4" FROM HARDSCAPE EDGES.

ALL TREES TO BE IRRIGATED WITH POP-UP STREAM BUBBLER HEADS. POP-UP HEADS SHALL BE 6° TYPE. HEADS SHALL BE INSTALLED ON SWING JOINTS

VALVES:

MASTER VALVE SHALL BE NORMALLY CLOSED TYPE, ELECTRICALLY OPERATED, PLASTIC BODY, INSTALLED BELOW GRADE IN A VALVE BOX. FLOW SENSOR SHALL BE A PVC BODIED IMPELLER TYPE INSTA; ED BELOW GRADE IN A VALVE

HLOW SENSORS SIMPLE BE A FYG BOUIED WITE LLEST IT IN THE STATE BELOW GRADE IN A VALVE BOX.

JUANNIUNE ISOLATION VALVES SHALL BE PVC BALL TYPE INSTALLED BELOW GRADE IN A VALVE BOX.

OUICK COUPLER VALVES SHALL BE 34" SIZE INSTALLED BELOW GRADE IN A VALVE BOX.

REMOTE CONTROL VALVES SHALL BE ELECTRICALLY OPERATED, PLASTIC BODY, INSTALLED BELOW GRADE IN A VALVE BOX.

DE LOW GRADE IN A VALVE BOX.

DE CONTROL VALVES SHALL BE INSTALLED WITH PLASTIC FILTER AND PRESSURE REGULATION.

CONTROLS:

THE IRRIGATION CONTROLLER (TIME CLOCK) SHALL BE A SOLID STATE CONTROLLER WITH THE CAPABILITY OF READING A FLOW SENSOR AND AUTOMATICALLY ADJUSTING THE PROGRAM BASED ON CUBRENT WEATHER CONDITIONS.
WHESE FOR CONTROL SYSTEM TO THE VALVES SHALL BE #14UF AWG DIRECT BURIAL TYPE. WHESE INSTALLD INSIDE IOW OUTLAGE WIRE CONDUITS IN BUILDING MAY BE #14 THIN TYPE. ALL WIRE CONNECTIONS SHALL BE WATERPROOF TYPE.

MAINLINE PIPE WITHIN PLANTERS SHALL BE SCHEDULE 40 PVC, 1 1/2" SIZE.

LATERAL LINE PIPE WITHIN PLANTERS SHALL BE SCHEDULE 40 PVC, 3/4" TO 1 1/2" SIZE.

SLEEVES BETWEEN PLANTERS SHALL BE SCHEDULE 40 PVC, 2" IMMINIM SIZE.

MAINLINE PIPE WITHIN BULLIONS SHALL BE TYPE K COPPER, 1 1/2" SIZE.

LOW VOLTAGE WIRE CONDUIT WITHIN BULLIONS SHALL BE TYPE K OPPER, 4" TO 1 1/2" SIZE.

LOW VOLTAGE WIRE CONDUIT WITHIN BULLIONS CALL BE TYPE K OFFER.

IRRIGATION SYSTEM SHALL BE SERVED FROM WATER IN A STORAGE TANK AND PUMPED TO THE THREE LEVELS OF PLANTING. WATER TANK AND PUMP SHALL BE AS PROVIDED BY THE CIVIL OR HEP SENDRETS WITH PUMP REQUIREMENTS (FLOW AND PRESSURE) AS PROVIDED BY THE IRRIGATION CONSULTANT.

IRRIGATION MATERIAL LEGEND

			MATERIAL LEGEND					
SYMBOL	MANUFACT.	MODEL NO. / DESCRIPTION		GPM	PSI	RADIUS	PR (TRI.)	DETAIL
ь	HUNTER	PROS-06-PRS30-CV 6" POP-UP TURF HEAD W		.12, .23	30	5 FT	2.05 IN./HR.	Α
	HUNTER HUNTER	PROS-06-PRS30-CV 6" POP-UP TURF HEAD W		.24, .32, .47, .97	30	8 FT	1.69 IN./HR.	A
▶ ▷ ▼ ₩	HUNTER	PROS-04-CV 4" POP-UP TURF HEAD WITH 100/10/T104/10/F NOZZLES 42, 57, 88, 1.59 30 10 FT 1.77 PROS-04-CV 4" POP-UP BUBBLER HEAD WITH A MISBN-500 PRESSURE COMPENSATING STREAM BUBBLER NOZZLE. EACH SYMBOL REPRESENTS ONE (1) BUBBLER PER PALM. PLACE THE BUBBLER HEADS 9" FROM THE EDGE OF THE ROOT BALL OF THE TREE OR PALM AND ON POPOSITE SIDES OF THE TREE OR PALM. TYPICAL ADJUST BUBBLER STREAMS TO WEIT THE ROOT BALL AND ADJACENT AMENDED SOIL WITHOUT HITTING THE TRUNK OF THE PALM.				1.77 IN./HR. N/A	A A,B	
▽	HUNTER	PROS-04-CV 4" POP-UP BUBBLER HEAD WITH STREAM BUBBLER NOZZLE. EACH SYMBOL F TWO (2) BUBBLERS PER TREE. PLACE THE B ROOT BALL OF THE TREE OR PAIM AND ON	A MSBN-50Q PRESSURE COMPENSATING REPRESENTS TWO (2) BUBBLERS TO PROVIDE UBBLER HADDS OF FROM THE EDGE OF THE DPPOSITE SIDES OF THE TREE OR PALM, IT THE ROOT BALL AND ADJACENT AMENDED TREE.	.50 (1.0)	30	N/A	N/A	A,B
	NETAFIM	O.C. SPACING. DRIP TUBING SHALL BE EQUI INTRUSION INTO THE DRIP PEMITTER. DRIP E ANTI-SIPHON FEATURE. DRIP TUBING SHALL MAXIMUM OF 16" ON CENTER. THE PERIMET OR TURF EDGE. ALL SUBSEQUENT INTERIOR EXCEEDING 16" MAXIMUM SPACING. INSTAL LENGTH OF THE TUBING. TUBING STAKES S	ITH 0.53 GPH, PRESSURE COMPENSATING EMIT PREPENDING FOR POPER OVIDE INFUSED EMITTERS SHALL BE CONTINUOUS FLUSHING TY LEE INSTALLED 2° BELOW FINISHED SOIL GRAD ER ROW OF DRIP TUBING SHALL BE INSTALLED RE ROWS FAIL BE ADJUSTED TO PROVIDE AN E LOW SHALL BE ADJUSTED TO PROVIDE AN EL OF PYC COATED GALVANIZED TUBING STAKES HALL BE MOSICH GOTST-14000 AS MANUFACTURE ADDITIONAL BE MODEL #6075140000 AS MANUFACTURE PRESENT THE APPROXIMATE DIRECTION AND	AND A PHYSICAL BARRIER PE AND EQUIPPED WITH A E (NOT COUNTING MULCH) A MAXIMUM OF 4" FROM TH VEN SPACING ACROSS THE S A MAXIMUM OF FIVE (S) FE EED BY GPH IRRIGATION PF	TO PRE CHECK \ AND IN I IE EDGE PLANTE ET ON C	VENT ROOT /ALVE AND PARALLEL RO E OF ANY HAI ER WITHOUT ENTER ALO S (866) 582-9	OWS A RDSCAPE NG THE 684. THE	C,D
	AS APPROVED	PVC SUPPLY AND DISCHARGE HEADERS SHA	ALL BE PVC LATERAL LINE PIPE (AS SHOWN BEL	OW), 1 1/4" MINIMUM SIZE V	VITH SCI	H. 40 PVC FIT	ITINGS.	С
NO SYMBOL	NETAFIM	NIPPLES SHALL BE MODEL #GFN050600 AS N	G AND PVC SUPPLY AND DISCHARGE HEADERS IPPLES AND FILEXIBEN IMPPLES. WHEN THE CO 27 X LENGTH AS REQUIRED SCH. 88 PVC THREA PROPERTY OF THE CONNECTION IS IN IT REQUIRED SCH. 80 PVC THREADED NIPPLE, A: ALL END RUNS OF TUBING SHALL BE CONNECT AND AND SCH. 80 PVC THE ADD THE CONNECT AND THE CONNECTION OF THE CONNECTION PRODUCTS AND THE CONNECTION OF THE CONNECTION PRODUCTS THE CONNECTION OF THE CONNECTION PRODUCTS THE CONNECTION OF THE CONNECTION OF TH	8 (866) 582-9684.	E HEAD	ER. FLEXIBL		C,D
NO SYMBOL	NETAFIM	TL SERIES 17mm BARBED FITTINGS FOR CON ALLOWED.	NNECTIONS BETWEEN DRIP TUBING (TUBING-TO	-TUBING ONLY). NO HEATI	NG OF T	UBING SHAL	L BE	D
€	GPH IRRIGATION/ HUNTER	GDFN-R DRIP FLUSH / INDICATOR NOZZLE, IN ORIENTED TO SEND FLUSH WATER INTO THE	ISTALLED ONTO A HUNTER PROS-12-R 12" POP- PLANTER AREA AND CLOSED FOR NORMAL OF	UP SPRINKLER BODY. THE ERATION OF THE DRIP SYS	FLUSH N	NOZZLE SHA	LL BE	E
e	G.P.S.	IRRIGATION PUMP SYSTEM. CONTRACTOR S ORDERING. REFER TO DESIGN SPECIFICATION POINT OF OPERATION #1: 16 GPM, 82 PSI BO	HALL CONTACT DARYL GREEN AT GREEN PROD DNS BELOW AND CONFIRM SYSTEM PARAMETER DST	IUCT SERVICES, (949) 584-7 RS WITH GPS PRIOR TO OR	311, FOF DERING	R PRICE AND)	N/A
⋈	BUCKNER	3200 1 1/2" NORMALLY CLOSED, BRASS MAS' ROUTE INSIDE CONDUIT WITH FLOW SENSO	TER CONTROL VALVE. WIRE MCV TO THE CONT R WIRE. INSTALL INSIDE A STANDARD RECTAND	ROLLER USING A SEPARAT GULAR VALVE BOX.	E PILOT	AND GROUN	ID WIRE,	F
E	N/A	ELECTRICAL POWER FOR PUMP SYSTEM, PR (THREE) PHASE.	OVIDED BY ELECTRICIAN. VERIFY ACTUAL LOCA	ATION IN FIELD. MINIMUM RI	EQUIRE	230 VOLT		N/A
(3)	N/A	KC-XXX-S SPRING CHECK VALVE, SIZE PER I	MAINLINE, INSTALL WITHIN A 10" ROUND VALVE I	вох				N/A
E	RAIN BIRD		C TEE, INSTALL PER MANUFACTURER'S RECOMP					G
•	HUNTER	PROVIDE THE OPERATING PRESSURE OF THE SPRINKLER / BUBBLER HEAD TO THE HÌGHÉST OR FARTHEST HEAD ON THE CONTROL VALVE ZONE. INSTALL THE RCV INSIDE A STANDARD RECTANGULAR VALVE BOX.						Н
TORO/ FILTER AND SI SENNINGER FILTER AND SI		ICV-101G-FS 1" SERIES DRIP REMOTE CONTF FILTER AND SENNINGER PRESSURE REGUL/ FILTER AND SENNINGER PR-40HF PRESSURI DOWNSTREAM SIDE OF EACH DRIP RCV	ROL VALVE ASSEMBLY, SIZE AS SHOWN, INSTAL ATOR PMR-40MF FOR DEMANDS LESS THAN 18 G E REGULATOR FOR DEMANDS GREATER THAN 1	L TORO T-ALFD75150-L, 3/4° SPM. TORO T-ALFD10150-L 8 GPM. INSTALL BOTH ON T	DISC 1" DISC HE			ı
•	HUNTER	HQ-33DLRC 3/4" QUICK COUPLER VALVE, INS	TALL WITHIN A RECTANGULAR VALVE BOX WITH	I ISOLATION VALVE.				J
>>	LASCO	V1710N-SC 1 1/2" SLO-CLOSE SCH. 80 PVC, TI INSTALL INSIDE A 10" ROUND VALVE BOX.	RUE-UNION BALL VALVE WITH SOLVENT WELD S	OCKET CONNECTIONS, LIN	E SIZE F	PER MAINLIN	E.	К
	HUNTER		0 EXPANSION MODULES TO MAKE IT AN 36 STAT T OF MODEL					L,M
NO SYMBOL	PAIGE ELECTRIC	THE REQUIRED LENGTH OF #6AWG BARE, SI	ING A #182000 5/8" X 8 FOOT COPPER CLAD GRO NGLE STRAND COPPER GROUND WIRE. INSTAL	L INSIDE A 10" ROUND VALV	/E BOX.			М
E	HUNTER		OR OF BUILDING AND WIRE TO CONTROLLER WI		DUIT TO	MATCH BUIL	LDING COLOR	М
ш	N/A AS APPROVED		ILLER, PROVIDED BY ELECTRICIAN, VERIFY ACT		חאטר			N/A N O
	AS APPROVED AS APPROVED		'H SCH. 80 PVC FITTINGS, AS MAINLINES INSTALI D WITH SCH. 40 PVC FITTINGS, AS LATERAL LINE			GRADE		N,O,
$\ominus \cdots - \cdots \ni$	AS APPROVED		PLANTERS, AND THROUGH BUILDING AND GAR HE PLUMBING PLANS. COPPER PIPING SHALL BI N, SIZE AND STUB-OUTS OF COPPER PIPING IN				THE G SHOWN	N/A
- · · -	AS APPROVED		JGH WALLS WITH FEMALE ADAPTERS, DESIGNE					N/A
-··->C-	AS APPROVED	CONNECTION POINT BETWEEN COPPER PIPI SWEAT X FIPT COPPER ADAPTER PROVIDED	NG (PROVIDED BY PLUMBER) AND PVC IRRIGAT FOR CONNECTION TO THE IRRIGATION PIPING. N. VERIFY LOCATION, SIZE AND STUB-OUTS OF	ION PIPING. COPPER PIPE USE A LINE SIZED X 6" SCH	STUB-01	JT SHALL HA	AVE A LINE SIZE	D N/A
====	AS APPROVED	PVC PIPE SCH. 40 AS SLEEVING, 2 TIMES THE	E DIAMETER OF PIPE OR WIRE BUNDLE CARRIED CTED BY OWNER'S AUTHORIZED REPRESENTAT	PLACE BELOW	201140		ino morac	0
EG			NSTALL PARALLEL TO COPPER LINE CONNECTION	G GROUND AND AMENITY	LEVELS			N/A
NO SYMBOL	AS APPROVED	IRRIGATION CONTROL WIRE #14UF AWG DIR						N,O,I
NO SYMBOL NO SYMBOL	3M K.B.I.		E CONNECTORS FOR USE ON ALL WIRE CONNECT 1 DOWNSTREAM OF EACH RCV WHEN RCV IS LE		RS			N/A
NO SYMBOL	K.B.I.	INSTALL WITHIN SPRINKER/DRIP ZONES AS F KC-XXX-S SPRING CHECK VALVE, LINE SIZE,	REQUIRED TO PREVENT LOW HEAD/EMITTER DR 1 DOWNSTREAM OF EACH RCV IMMEDIATELY A	AINAGE. BOVE FIRST LATERAL LINE	TEE WH	EN RCV IS		N/A
NO SYMBOL	LASCO	ALL FITTINGS USED WITH SOLVENT WELD LA	THIN SPRINKER/DRIP ZONES AS REQUIRED TO F ATERAL LINE PIPE SHALL BE SCH. 40 PVC, WHITE	IN COLOR AND SIZED TO			L	N/A
		LINE PIPE. ALL THREADED PVC NIPPLES SHA	ALL BE SCH. 80 PVC PIPE, DARK GRAY IN COLOR	, WITH MOLDED THREADS.				
NO SYMBOL AS APPROVED ALL SOLVENT WELD COMMECTIONS FOR LATERAL LINE SHALL BE LANGE LISING THE TWO- SHALL BE LOW YOU'S CHIPPLE FRIMER. LATERAL LINE SOLVENT CEMENT SHALL BE LOW DAUBERS SIZED AT LEAST ONE-HALF THE SIZE OF THE LARGEST PIPE BEING JOINED. AL AND FITTING MANUFACTURER'S RECOMMENDATIONS.		ERAL LINE SOLVENT CEMENT SHALL BE LOW VO ZE OF THE LARGEST PIPE BEING JOINED. ALL S IDATIONS.	IC, GRAY OR BLUE COLORE SOLVENT CEMENTED JOINT	D MEDIL S SHALI	JM BODIED (. BE MADE P	ER THE PIPE	N/A	
NO SYMBOL	RAIN BIRD	PENTA HEAD BOLT, WASHER AND CLIP. BOX				OR. LIDS FO	OR BOXES IN BIRD VB-LOCK-	N/A P
		DESCRIPTION 7* ROUND BOXES		SHRUB AREAS (BLACK LIDS VB-7RNDBK (RB ITEM ID #1				

DESCRIPTION	TURF AREAS (GREEN LIDS)	SHRUB AREAS (BLACK LIDS)
7" ROUND BOXES	VB-7RND	VB-7RNDBK (RB ITEM ID #11484)
10" ROUND BOXES	VB-10RND	VB-10RNDBK (RB ITEM ID #61461)
STANDARD RECTANGULAR BOXES	VB-STD	VB-STDBK (RB ITEM ID #61411)
JUMBO RECTANGULAR BOXES	VB-IMB	VB-IMBBK (RB ITEM ID #A61441)

PLANNING BOARD FINAL SUBMITTAL



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HOTEL $\mathbf{\Omega}$ COLLIN 40 **▶** \$ \\ \delta \\ \delta



IRRIGATION LEGEND & NOTES
DATE

DATE
10.17.2016 PLANNING BOARD
10.28.2016 M. BEACH CHEVEW
11.27.2016 S9% SCHEMATIC
12.21.2016 S9% SCHEMATIC
05.22.2017 89% DEVELOPMENT
07.20.2017 39% CD
10.9% DEVELOPMENT
09.01.2017 39% CD
12.21.2017 PERMIT DRAWNOS
10.22.2018 COORDINATIONS
10.22.2018 COORDINATIONS







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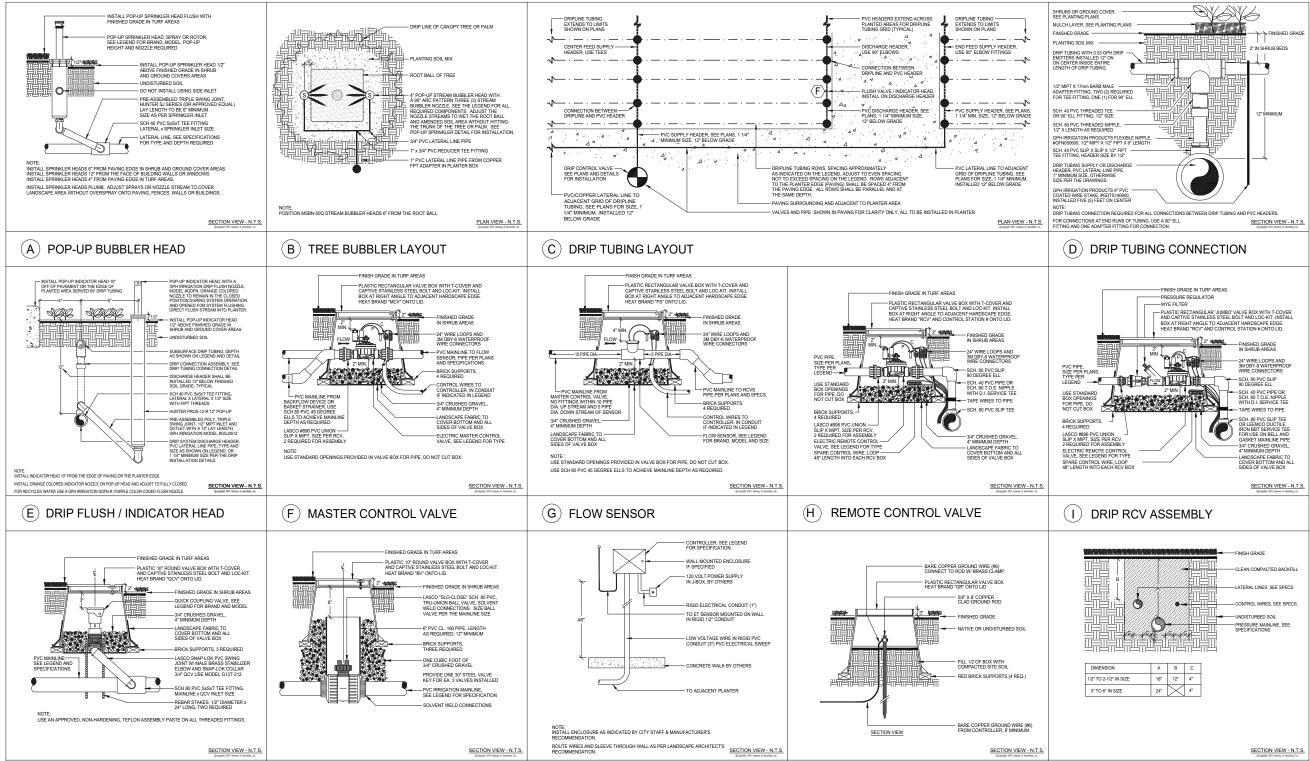
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(L) WALL MOUNTED CONTROLLER

GROUND ROD INSTALLATION

(J) QUICK COUPLER VALVE

(K) BALL VALVE

7140 COLLINS HOTEL

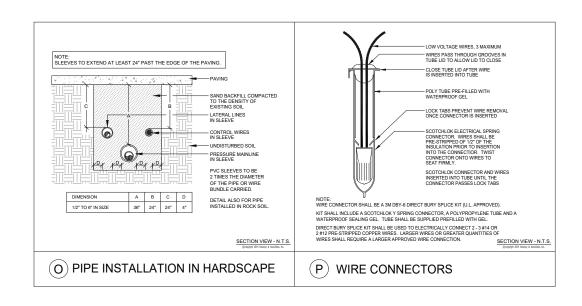
S. TYLER NIELSEN – LAGGGTOG ON STRUCTIO

IRRIGATION DETAILS

DATE

10.1.7.2016 PLANNING BOARD
10.22.2016 M. BEACH DRB
11.02.2016 M. BEACH REVIEW
11.7.2.2016 SPIN SCHEMATIC
12.21.2016 100% SCHEMATIC
12.21.2016 100% SCHEMATIC
12.21.2016 100% DEVELOPMENI
07.20.2017 100% DEVELOPMENI
09.10.2017 30% CD
12.21.2017 PERMIT DRAWNINGS
12.21.2017 PERMIT DRAWNINGS

(N) PIPE UNDER SOFTSCAPE



PLANNING BOARD FINAL SUBMITTAL



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-- WWW.OCEANENGINEERINGING.COM

7140 COLLINS HOTEL



NG BOARD
CH DRB
CH REVIEW
HEMATIC
CHEMATIC
EVELOPM
DEVELOP
DRAWING





EXTERIOR LIGHTING NOTES

- THE EXTERIOR LIGHTING PLAN ILLUSTRATES FIXTURE LOCATION AND TYPE SOLELY. ALL ELECTRICAL LOADS, WIRING, AND CALCULATIONS ARE BY OTHERS.
- 2. CONTRACTOR TO COORDINATE WITH CLIENT AND LANDSCAPE ARCHITECT CONTROL SYSTEM FOR EXTERIOR LIGHTING.
- 3. THE CONTRACTOR TO PROVIDE SLEEVES AND CONDUIT AS NEEDED FOR ALL EXTERIOR LIGHTING FIXTURES..
- 4. THE CONTRACTOR IS TO STAKE ALL EXTERIOR LIGHTING FIXTURES FOR LANDSCAPE ARCHITECT REVIEW.
- ALL EXTERIOR FIXTURES TO BE INSTALLED TO PREVENT GLARE AND UNWANTED DIRECTED LIGHT. CONTRACTOR TO ENSURE ALL FIXTURES DO NOT DIRECT LIGHT ONTO ADJACENT PROPERTIES.
- THE CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT TWO WEEKS IN ADVANCE OF SCHEDULED EXTERIOR LIGHT INSTALLATION. UPON COMPLETION OF THE EXTERIOR LIGHT INSTALLATION, CONTRACTOR TO PROVIDE NIGHTTIME WALK THROUGH WITH LANDSCAPE ARCHITECT FOR FINAL REVIEW.

EXTERIOR LIGHTING SCHEDULE GROUND LEVEL

SYMBOL	QUANTITY	TYPE	MANUFACTURER	SPECIFICATION NUMBER	LAMP	NOTES
	30	IN-GROUND	AURORA - MICRO WELL	SQ-BR - M- 30 - BLP XD		
∇	6	ACCENT	AURORA - KENTIA	BR - M - 30 - GS - BLP XD	LED 3.6 WATTS	

EXTERIOR LIGHTING SCHEDULE AMENITY LEVEL

	EXTERNOT EIGHTING CONEDUCE / IMENTT LEVEL						
ſ	SYMBOL	QUANTITY	TYPE	MANUFACTURER	SPECIFICATION NUMBER	LAMP	NOTES
	0	27	IN-GROUND PATH	AURORA LIGHT	BR - 180 - 27 d - R - BLP XD	LED	NOTES
	∇	30	ACCENT	AURORA - KENTIA	BR - M - 30 - GS - BLP XD	LED 3.6 WATTS	

EXTERIOR LIGHTING CUT SHEETS





& NOTES

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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.DEVELOPM
07.20.2017	100% D.DEVELOP!
09.01.2017	30% CD
12.21.2017	PERMIT DRAWING

EXTERIOR LIGHTING NOTES

- THE EXTERIOR LIGHTING PLAN ILLUSTRATES FIXTURE LOCATION AND TYPE SOLELY. ALL ELECTRICAL LOADS, WIRING, AND CALCULATIONS ARE BY OTHERS.
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- 3. THE CONTRACTOR TO PROVIDE SLEEVES AND CONDUIT AS NEEDED FOR ALL EXTERIOR LIGHTING FIXTURES..
- 4. THE CONTRACTOR IS TO STAKE ALL EXTERIOR LIGHTING FIXTURES FOR LANDSCAPE ARCHITECT REVIEW.
- ALL EXTERIOR FIXTURES TO BE INSTALLED TO PREVENT GLARE AND UNWANTED DIRECTED LIGHT. CONTRACTOR TO ENSURE ALL FIXTURES DO NOT DIRECT LIGHT ONTO ADJACENT PROPERTIES.
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EXTERIOR LIGHTING SCHEDULE GROUND LEVEL

SYMBOL	QUANTITY	TYPE	MANUFACTURER	SPECIFICATION NUMBER	LAMP	NOTES
	22	IN-GROUND	AURORA - MICRO WELL	SQ-BR - M- 30 - BLP XD		
∇	10	ACCENT	AURORA - KENTIA	BR - M - 30 - GS - BLP XD	LED 3.6 WATTS	

EXTERIOR LIGHTING SCHEDULE GARAGE LEVEL

SYMBOL	QUANTITY	TYPE	MANUFACTURER	SPECIFICATION NUMBER	LAMP	NOTES
0	0	IN-GROUND PATH	AURORA LIGHT	BR - 180 - 27 d - R - BLP XD	LED	NOTES
∇	0	ACCENT	AURORA - KENTIA	BR - M - 30 - GS - BLP XD	LED 3.6 WATTS	

EXTERIOR LIGHTING SCHEDULE AMENITY LEVEL

_		JI LIGI I	TING GOLIEDOI				
	SYMBOL	QUANTITY	TYPE	MANUFACTURER	SPECIFICATION NUMBER	LAMP	NOTES
	∇	48	ACCENT	AURORA - KENTIA	BR - M - 30 - GS - BLP XD	LED 3.6 WATTS	

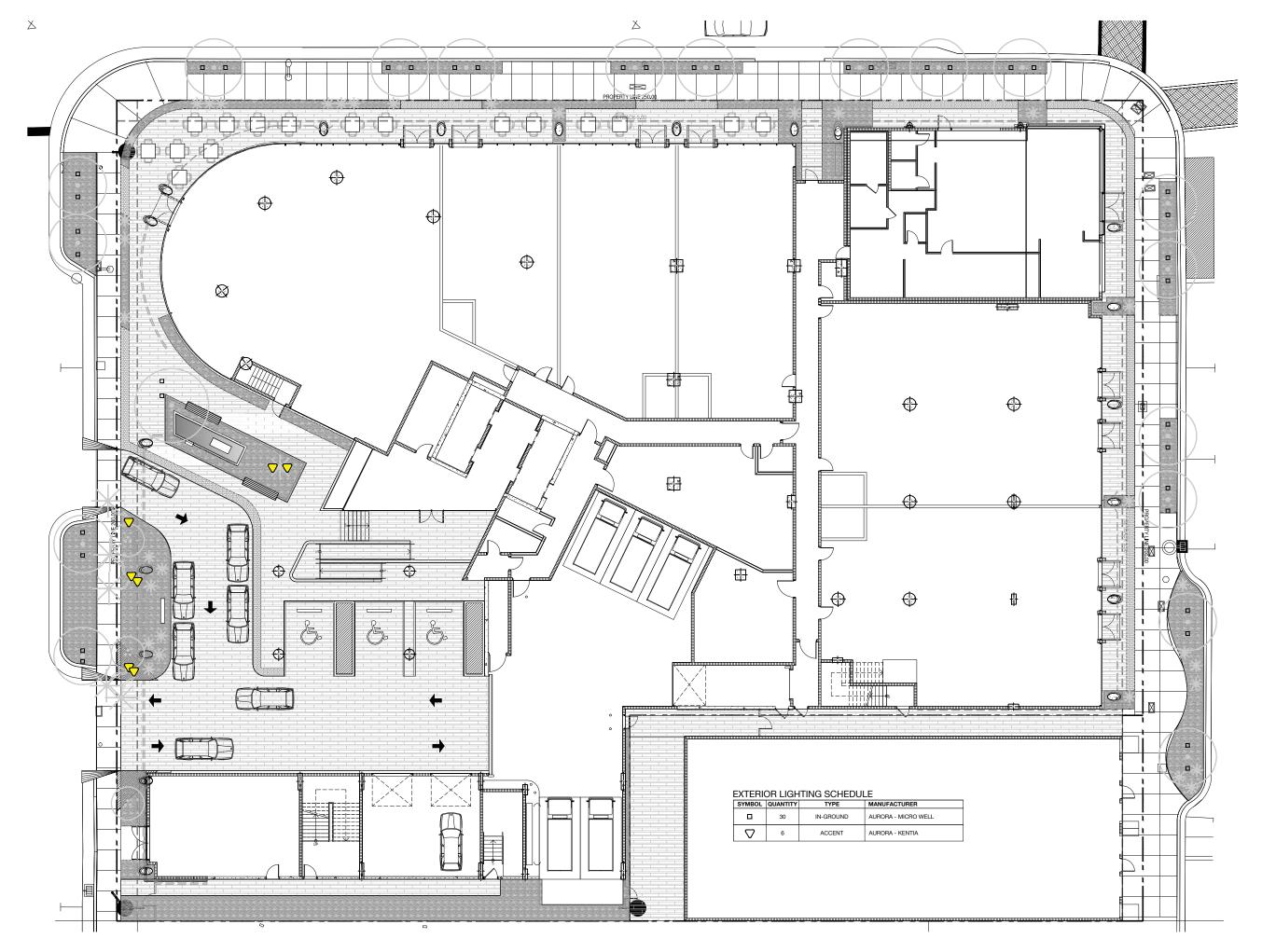
EXTERIOR LIGHTING SCHEDULE ROOF LEVEL

SYMBOL	QUANTITY	TYPE	MANUFACTURER	SPECIFICATION NUMBER	LAMP	NOTES
∇	13	ACCENT	AURORA - KENTIA	BR - M - 30 - GS - BLP XD	LED 3.6 WATTS	

EXTERIOR LIGHTING CUT SHEETS







ORIGINAL DESIGN SUBMITTED FOR REVIEW



1016 clare avenue, 5 west palm beach, fl 561.402.9414

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MIAMI, FL 33137
786.253.5252

WWW.OCEANENGINEERINGINC.COM

7140 COLLINS HOTEL

S. TYLER NIELSEN - LA6667067

DATE

10.17.2016

PLANNING BOARD
10.28.2016

M. BEACH DRB
11.02.2016

M. BEACH BYELWEW
11.27.2016

50% SCHEMATIC
12.21.2016

50% SCHEMATIC
66.22.2017

80% DEVELOPMENT
70.20.2017

90% 1.00% DEVELOPMENT
09.01.2017

90% 1.00% DEVELOPMENT
09.01.2017

80% D. DEVELOPMENT
09.01.2017

90% D. DEVELOPMENT
09.01.2017

9



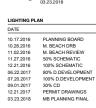
WWW.RETIMIAMI.COM REVUELTA INTERNATIONAL 2950 SW 27TH STREET, 110 MIAMI, FL 33133 305.590.5000

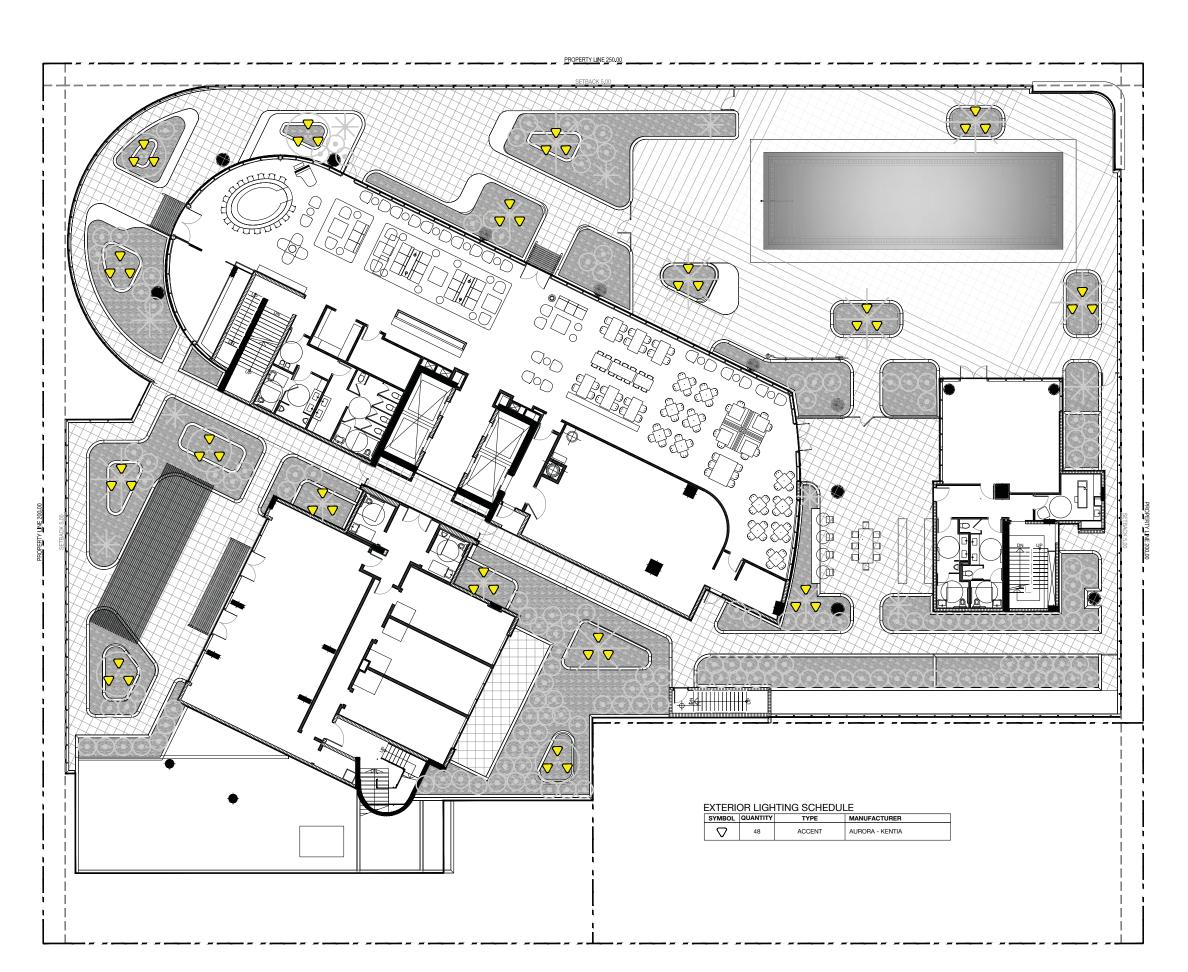
WWW.REVUELTA-ARCHITECTURE.CO

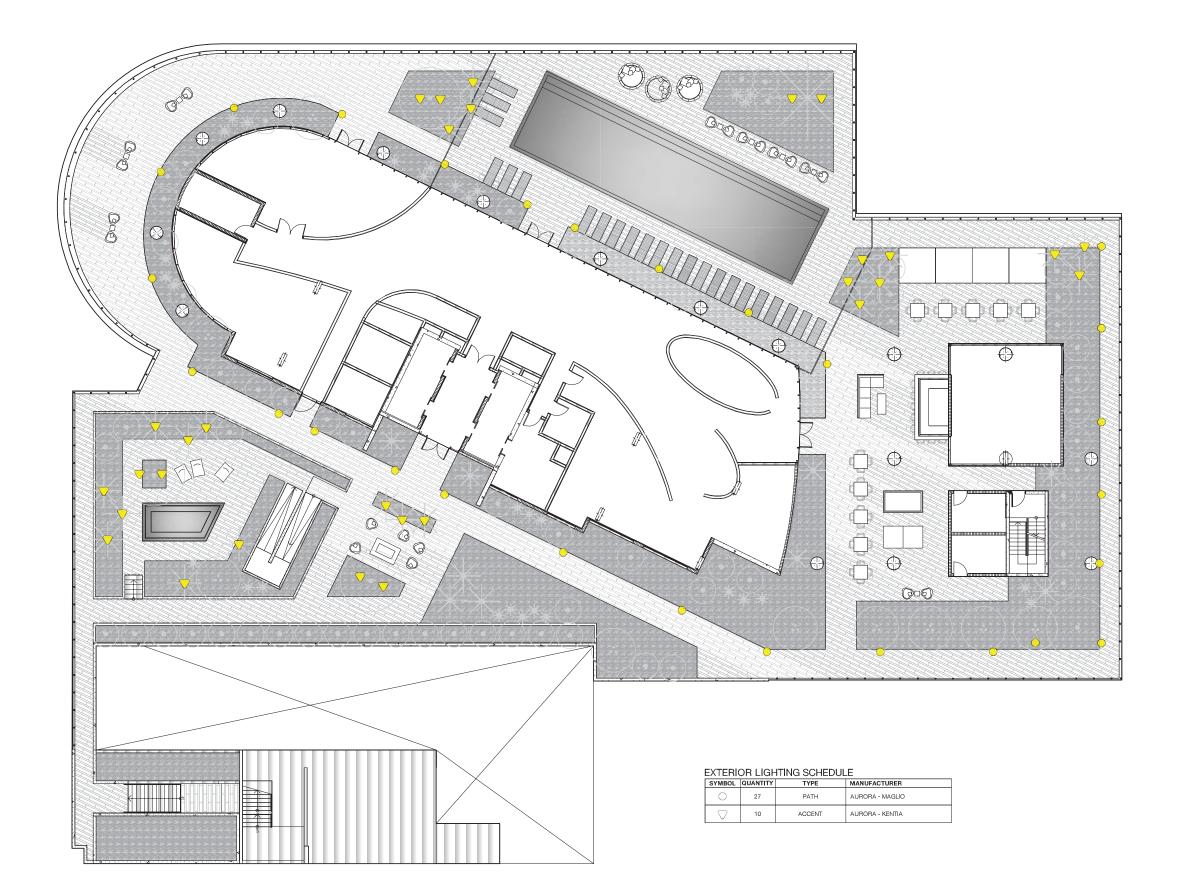
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w.nielsenlandarch

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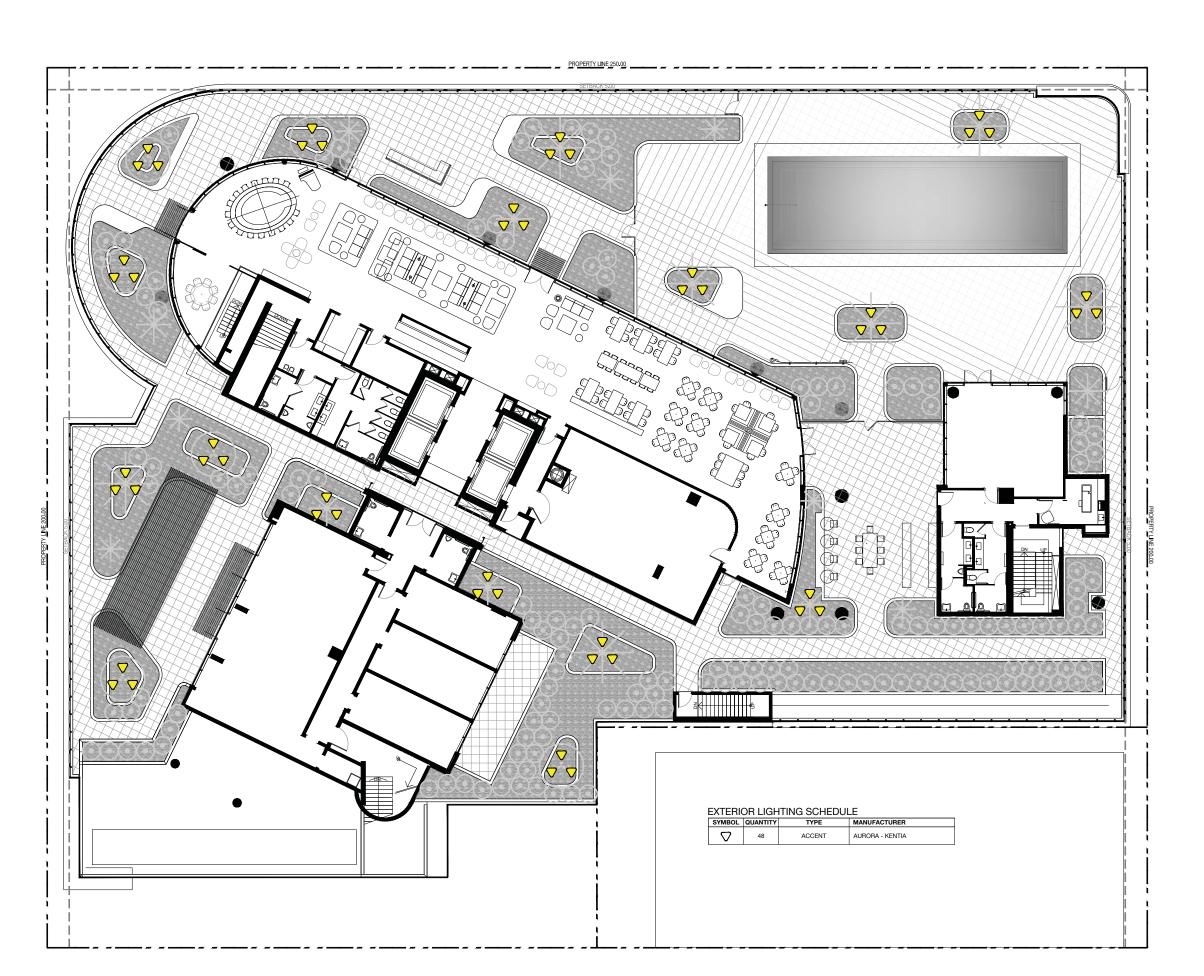




LIGHTING PL

LIGHTING PL	AN
DATE	
10.17.2016	PLANNING BOAR
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIE
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMATI
06.22.2017	80% D.DEVELOP
07.20.2017	100% D.DEVELOR
09.01.2017	30% CD





WWW.RETIMIAMI.COM

7140 COLLINS HOTEL





DATE	
10.28.2016	M. BEACH DRB
11.02.2016	M. BEACH REVIE
11.27.2016	50% SCHEMATIC
12.21.2016	100% SCHEMAT
06.22.2017	80% D.DEVELOF
07.20.2017	100% D.DEVELO
09 01 2017	30% CD



