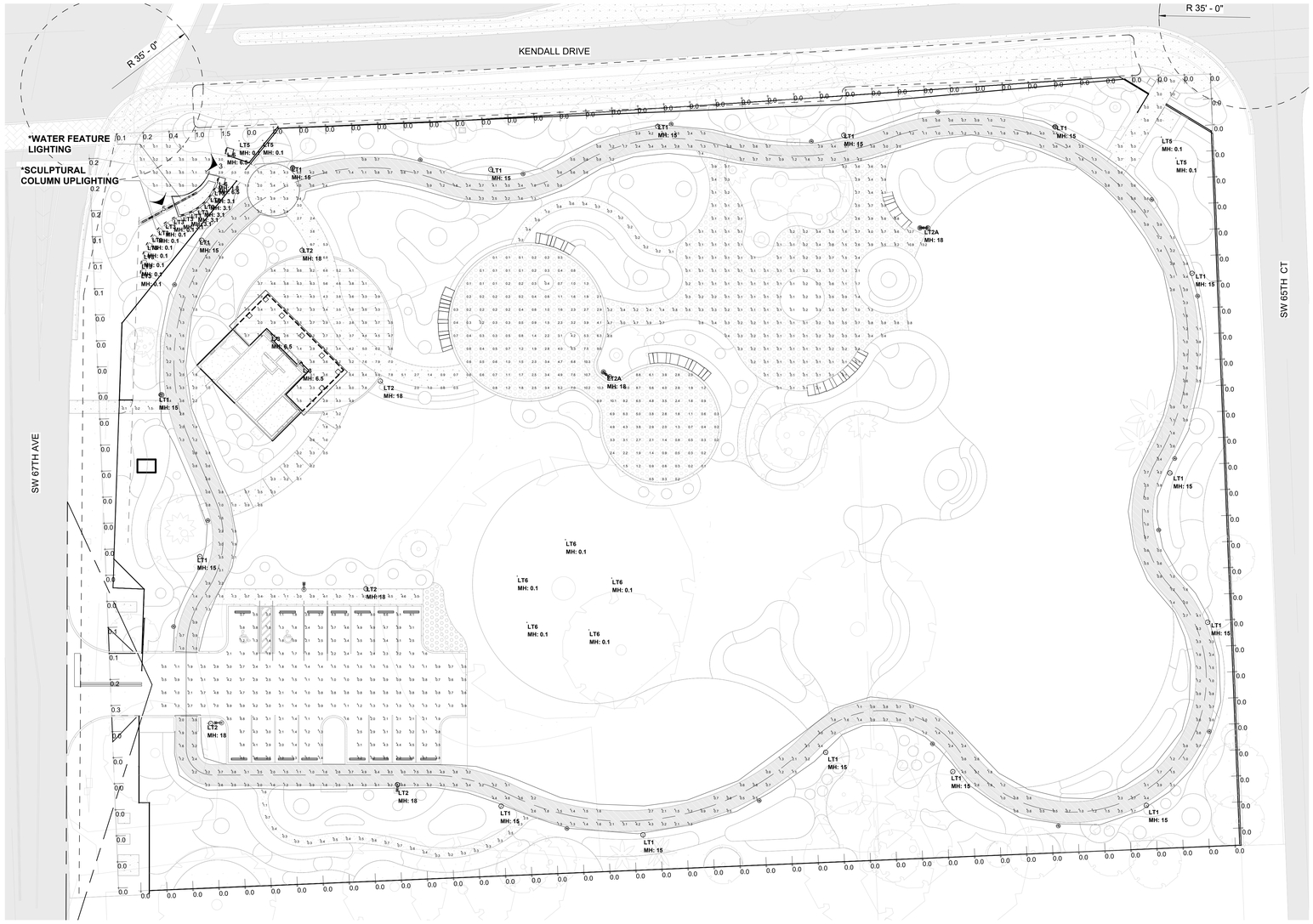

1 LIGHTING PLAN
SCALE: 1" = 20'-0"

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
MULCHED WALKWAY_Planar	Illuminance	Fc	1.18	13.2	0.1	11.80	132.00
PARKING	Illuminance	Fc	2.47	8.5	0.5	4.94	17.00
PLAZA & WALKWAYS_1_Planar	Illuminance	Fc	2.70	13.8	0.1	27.00	138.00
PLAZA & WALKWAYS_Planar	Illuminance	Fc	1.94	9.0	0.0	N.A.	N.A.
PROPERTY LINE - HORIZONTAL	Illuminance	Fc	0.02	1.1	0.0	N.A.	N.A.
PROPERTY LINE - VERTICAL	Illuminance	Fc	0.03	1.5	0.0	N.A.	N.A.
SOUTHVERICAL SPILL AT STRUCTURE	Illuminance	Fc	0.01	0.013	0.001	5.00	13.00
WALKWAY	Illuminance	Fc	1.33	3.5	0.1	13.30	35.00
WALKWAY_1	Illuminance	Fc	0.40	1.0	0.1	4.00	10.00
WALKWAY_2	Illuminance	Fc	0.58	2.3	0.2	2.90	11.50
WALKWAY_3	Illuminance	Fc	2.50	2.5	2.5	1.00	1.00
PATH	Illuminance	Fc	2.10	9.0	0.5	4.20	18.00

NOTES:

- WHEN THE LLF IS NOT .9 OR 1.0 THE WATTAGE INFORMATION WILL NOT BE CORRECT
- EXACT MOUNTING DETAILS TO BE DETERMINED BY OTHERS
- MOUNTING HEIGHT IS ALWAYS A.F.F. OR A.F.G. UNLESS NOTED
- LUMINAIRES PLACED IN SPECIFIED AND PROPOSED LOCATIONS AT SPECIFIED MOUNTING HEIGHT
- LUMINAIRES DEFINED AS SPECIFIED

GARY MATZNER PARK

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMPING		VOLTS	MOUNTING	REMARKS
				TYPE	MAXIMUM WATTAGE			
LT1	AEC	Armo Mini-STE-M-7030-7-1M-1-VM2BF-FINISH	LED PEDESTRIAN LIGHT *	LED	28	UNV	POLE ARM	
LT1-POLE	LUMEC	ATR74-C1-20-FINISH	CURVED ANCHOR BASE POLE	NA	NA	NA	ANCHOR BASE	
LT2	LUMCA	CP0472-SLF-48LED07-107W-VOLT-L4-30K-FINISH	LED AREA LIGHT *	LED	107	UNV	POLE ARM	
LT2 POLE	LUMCA	LF09-254VB18-FINISH	SMART POLE	NA	NA	NA	ANCHOR BASE	ALL POLES WILL INCLUDE INTEGRAL CAMERAS. SINGLE POLE IN PARKING LOT TO INCLUDE CAR CHARGING STATION.
LT3	INSIGHT	ME-MO-RGB30-Q-2020-EAB-5-12-VOLT-DMXFX-FINISH-VS	COLOR CHANGING COLUMN LIGHT	LED	9	UNV	COLUMN SURFACE	INCLUDE COLOR CHANGING CONTROLS
LT5	BK LIGHTING	DS-LED-E65-WFL-A9-FINISH-12-A-3609L/FP-J18-FINISH-B-SF	LED LANDSCAPE UPLIGHT	LED	8	UNV	GROUND	REQUIRES REMOTE POWER SUPPLY
LT6	BK LIGHTING	HP2-LED-TR-X44-WFL-FINISH-10-ELV-MT	LED RECESSED INGRADE UPLIGHT	LED	34	UNV	IN GRADE	
UW	ORGANIC	51631	SUBMERSIBLE LED COLOR CHAGING ACCENT LIGHT	LED	2.4/LF	UNV	FOUNTAIN COPING	INCLUDE COLOR CHANGING CONTROLS. REQUIRES REMOTE MOUNTED POWER SUPPLIES
W1	STONCO	LPW-18-30-WW-G3-3-UNV-FINISH	LED WALL PACK	LED	36	UNV	WALL SURFACE	
L-1	HE WILLIAMS	LT-24-L40/840-AF-DIM-UNV	2X4 LED TROFFER	LED	32	UNV	CEILING RECESSED	
L-2	HE WILLIAMS	4DR-TL-L15/840-DIM-UNV-OW-OF-CS-N-F1	4" RECESSED LED DOWNLIGHT	LED	14	UNV	CEILING RECESSED	
L-3	SCOTT	59130-L24-30K-PT	LED WALL SCONCE	LED	24	UNV	WALL SURFACE	
L-4	BEGHELLI	BS101LEDEC-OE-44HT-HO-WT-60-120-277V	LED SURFACE MOUNTED WRAPAROUND	LED	35	UNV	SURFACE	
L-5	HE WILLIAMS	ASM-4-L25/840-S-A-DIM-UNV	ARCHITECTURAL SURFACE MOUNTED WRAPAROUND	LED	19.5	UNV	SURFACE	
L-6	SCOTT	59131-L33-30K-PT	LED WALL SCONCE	LED	24	UNV	WALL SURFACE	

SEE SITE DETAILS FOR POLE MOUNTED LIGH FIXTURE CUT SHEETS

LIGHTING NOTES

:

1. FOR TECHNICAL QUESTIONS CONTACT SESCO LIGHTING (JASON BOEHM) @ 305-299-2288 OR JBOEHM@SESCOLIGHTING.COM.

2. SPECIFIC LIGHTING FIXTURES, SELECTED BY TYPE, PHOTOMETRIC PERFORMANCE, LIGHTING PATTERN, AND LUMEN OUTPUT, WERE USED IN THE ILLUMINATION DESIGN TO PRODUCE THE REQUIRED EFFECT AND ILLUMINATION. SUBSTITUTION OF THE LIGHT FIXTURES WILL RESULT IN DIFFERENT ILLUMINATION COVERAGE AND LIGHTING PATTERN. THEREFORE, SUBSTITUTION OF LIGHTING FIXTURES WILL NOT BE ALLOWED.

3. CONTRACTOR IS TO DETERMINE QUANTITY AND WATTAGES OF REMOTE POWER SUPPLIES REQUIRED BASED ON TOTAL LOAD WATTAGE, DISTANCE TO CENTER OF LOAD, AND SITE CONDITIONS. POWER SUPPLIES USED ARE TO BK LIGHTING OR Q-TRAN DEPENDING ON THE MANUFACTURE OF THE LUMINAIRE.

4. CONTRACTOR IS TO MOUNT REMOTE TRANSFORMERS IN A MANNER THAT DOES NOT INTERFEAR WITH THE LANDSCAPE DESIGN. TRANSFORMERS SHALL BE MOUNTED OUT OF DIRECT SIGHT OR BEHIND A CONCEALING STRUCTURE . LOW VOLTAGE LANDSCAPE WIRE POWERING TREE MOUNTED FIXTURES IS TO BE MOUNTED ON THE SIDE OF THE TREE OPOSITE THE MOST DIRECT VIEW FROM LANDSCAPE PATHS OR ROADWAYS.

5. ALL LUMINAIRES SHALL BEAR THE UL LISTING NUMBERS FROM A NATIONALLY RECOGNIZED TESTING LABORATORY

SESCO LIGHTING

PROJECT LEAD & CIVIL ENGINEERING:

KEITH
301 EAST ATLANTIC BLVD.
POMPANO BEACH, FL 33060
PH: (954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

LANDSCAPE ARCHITECT:

MKSK
801 INTERNATIONAL PARKWAY
LAKE MARY, FL 32746
407.871.9607
MKSKSTUDIOS.COM

ARCHITECT:

WANNEMACHER JENSEN ARCHITECTS
815 NORTHWEST 57 AVE. SUITE 219
MIAMI, FLORIDA 33126
727-822-5566
WJARC.COM AA0002277

MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:

SGM ENGINEERING
5301 WATERFORD DISTRICT DR.
SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00008208

REVISIONS

NO.	DESCRIPTION	DATE
	30% CONSTRUCTION DOCUMENTS	05/31/2024
	50% CONSTRUCTION DOCUMENTS	08/09/2024
	60% CONSTRUCTION DOCUMENTS	10/11/2024

PRELIMINARY PLAN NOT FOR CONSTRUCTION

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

ISSUE DATE:
DESIGNED BY:
DRAWN BY:
CHECKED BY:

ENGINEER_NAME
FLORIDA REG. NO. LICENSE_N
(FOR THE FIRM)

CLIENT

VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

LIGHTING CONCEPT PLAN

SHEET NUMBER LL-101

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\k23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TLELK_test.dwg