GENERAL NOTES:

a. ALL ELECTRICAL WORK AND MATERIALS SHALL BE IN COMPLIANCE WITH ALL GOVERNING CODES AND STANDARDS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING.
   A. NFPA 70 NATIONAL ELECTRICAL CODE (2020)
   B. NFPA 72 NATIONAL FIRE CODE (2019)
   C. NFPA 101 - LIFE SAFETY CODE (2021).
   D. FLORIDA FIRE PREVENTION CODE (2023)
   E. FLORIDA BUILDING CODE (2023)
   F. LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION

b. ELECTRICAL OUTLETS OR BOXES LOCATED ON OPPOSITE SIDES OF RATED WALLS OR PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES UNLESS FIRE RATED ELECTRICAL BOXES OR FIRE RATED INTUMESCENT PUTTY PADS ARE USED.

c. REFER TO BOOK SPECIFICATIONS.

d. CONTRACTOR TO COORDINATE AVAILABLE FAULT CURRENT WITH POWER COMPANY AND SGM ENGINEERING. CONTRACTOR TO SUBMIT EQUIPMENT SHOWING EQUIPMENT MEETS ALLOWABLE FAULT CURRENT.

e. CONTRACTOR TO SUBMIT CUT SHEETS SHOWING SERIES RATING TO PLANS REVIEWER.

f. CONTRACTOR TO PROVIDE CUT SHEETS FOR MAINS AND METER CENTERS TO PLANS REVIEWER.

g. CONTRACTOR TO SUBMIT ELEVATOR SHAFT ELECTRICAL LAYOUT.

POWER DEVICES

- DUPLEX RECEPTACLE
- ABOVE COUNTER DUPLEX RECEPTACLE
- GFCI RECEPTACLE
- ABOVE COUNTER GFCI RECEPTACLE
- WP — WEATHERPROOF GFCI RECEPTACLE WITH FLUSHMOUNT COVER.
- DISCONNECT SWITCH, NUMBER OF POLES AND RATING AS INDICATED ON PLANS
- J — JUNCTION BOX

SWITCHES

- S — SWITCH
- S_M — MOTOR RATED SWITCH

POWER DISTRIBUTION

- 120/208V PANELBOARD, SURFACE MOUNT
- 1R1-1 — HOMERUN CONSISTING OF ONE SINGLE-PHASE, 1-POLE CIRCUIT: (2) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. PANELBOARD AND CIRCUIT DESIGNATION ARE INDICATED.
- 1M1-1:3 — HOMERUN CONSISTING OF ONE SINGLE-PHASE, 2-POLE CIRCUIT: (2) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.
- 1M1-1:3:5 — HOMERUN CONSISTING OF ONE THREE-PHASE CIRCUITS: SEE SPECIFICATIONS AND/OR FEEDER SCHEDULES FOR WIRE SIZES. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.

LIGHTING FIXTURES

- CEILING MOUNTED LUMINAIRE, BATTERY/EMERGENCY
- WALL MOUNTED LUMINAIRE, BATTERY/EMERGENCY
- 1'x4' FIXTURE
- 2'x4' FIXTURE

LIGHTING CONTROL DEVICES

- DT — *DUAL ULTRASONIC/PIR-CEILING MOUNT SENSOR, 24 VDC/VAC, 35mA. WATTSTOPPER DT-305 OR EQUAL.
- $ — PIR-WALL SWITCH DECORATOR MOTION SENSOR, 120/277 VAC, 800/1200W. WATTSTOPPER PW-100 OR EQUAL.
- D1 — DUAL ULTRASONIC/PIR-WALL SWITCH DECORATOR MOTION SENSOR, 120/277VAC, 800/1200W. WATTSTOPPER DW-100 OR EQUAL.

SECURITY DEVICES

- SECURITY CAMERA MOUNTED IN LIGHT POLE

ABBREVIATIONS

A	AMPERES	EXIST	EXISTING	m	METER
AFC	ABOVE FINISHED CEILING	EXP	EXPLOSION PROOF	mm	MILLIMETER
AFF	ABOVE FINISHED FLOOR	FA	FIRE ALARM	MAX	MAXIMUM
AFG	ABOVE FINISHED GRADE	FLA	FULL LOAD AMPERES	MCB	MAIN CIRCUIT BREAKER
AIC	AMPERES INTERUPTING CAPACITY	FLUOR	FLUORESCENT	MFR	MANUFACTURER
		GFCI	GROUND FAULT CIRCUIT INTERRUPTER	MH	METAL HALIDE
AL	ALUMINUM			MIN	MINIMUM
AWG	AMERICAN WIRE GAUGE	GFP	GROUND FAULT PROTECTION	MISC	MISCELLANEOUS
BFC	BELOW FINISHED CEILING	GND	GROUND	MTD	MOUNTED
BFG	BELOW FINISHED GRADE	HGT	HEIGHT	MTG	MOUNTING
C	CONDUIT	HID	HIGH INTENSITY DISCHARGE	NEC	NATIONAL ELECTRICAL CODE
CAB	CABINET	HPS	HIGH PRESSURE SODIUM	PNL	PANEL
CKT	CIRCUIT	HOA	HAND-OFF-AUTOMATIC	PSI	PULL STATION INSIDE
CLG	CEILING	HP	HORSEPOWER	PVC	POLYVINYL CHLORIDE
CL	CENTERLINE	HVAC	HEATING/VENTILATING/ AIR CONDITIONING	REC	RECEPTACLE
CT's	CURRENT TRANSFORMERS			RGS	RIGID GALVANIZED STEEL
CU	COPPER	HV	HIGH VOLTAGE	SPD	SURGE PROTECTION DEVICE
DISC	DISCONNECT(ING)	INC	INCANDESCENT	TEL	TELEPHONE
DWG	DRAWING(S)	JB	JUNCTION BOX	TYP	TYPICAL
EA	EACH	kV	KILO-VOLTS	UON	UNLESS OTHERWISE NOTED
ECB	ENCLOSED CIRCUIT BREAKER	kVA	KILO-VOLTS-AMPERES	USB	RECEPTACLE WITH USB PORT
EF	EXHAUST FAN	kVAR	KILO-VOLTS-AMPERES REACTIVE	V	VOLTS
EMT	ELECTRICAL METALLIC TUBING	kW	KILO-WATTS	VA	VOLT-AMPERES
EQUIP	EQUIPMENT	kWH	KILO-WATT-HOURS	W	WATTS
EUH	ELECTRIC UNIT HEATER	LTG	LIGHTING	WP	WEATHER PROOF
EWC	ELECTRIC WATER COOLER			XFMR	TRANSFORMER
EWH	ELECTRIC WATER HEATER				

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-1V-M2B-F-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	LF08-25-WB18-FINISH	SMART POLE	NA	NA	NA	ANCHOR BASE	ALL POLES WILL INCLUDE INTEGRAL CAMERAS.
LT3	INSIGHT	ME-MO-RGB30-Q-2020-EAB-6-12-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-360SL / PP-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-16-30-WW-G3-3-UNV-FINISH	LED WALL PACK	LED	35	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	
L3	SCOTT	S9130-L24-30K-PT	LED WALL SCONCE	LED	24	UNV	WALL SURFACE	
L-4	BEGHELLI	BS101LEDECO-E-4-HT-HO-WT40-120-277V	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	S9131-L32-30K-PT	LED WALL SCONCE	LED	24	UNV	WALL SURFACE	

LIGHTING SCHEDULE 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

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REVISIONS

NO.	DESCRIPTION	DATE

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

ISSUE DATE:	XX/XX/20
DESIGNED BY:	XXX
DRAWN BY:	XXX
CHECKED BY:	XXX

THOMAS F. DONAHUE, P.E.
FLORIDA REG. NO. 60529
(FOR THE FIRM)

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

SHEET TITLE
ELECTRICAL SYMBOLS, SPECS, AND FIXTURE SCHEDULES

SHEET NUMBER E001

KEITH PROJECT NUMBER 13861.00

Plotted by: mlich On 11/20/2024 4:25 PM

Drawing name: q:\project files\2024\2024-256 village of pinecrest- gary matzner park\Drawings\1600-E001-2024256.dwg

STATUS: PRELIMINARY