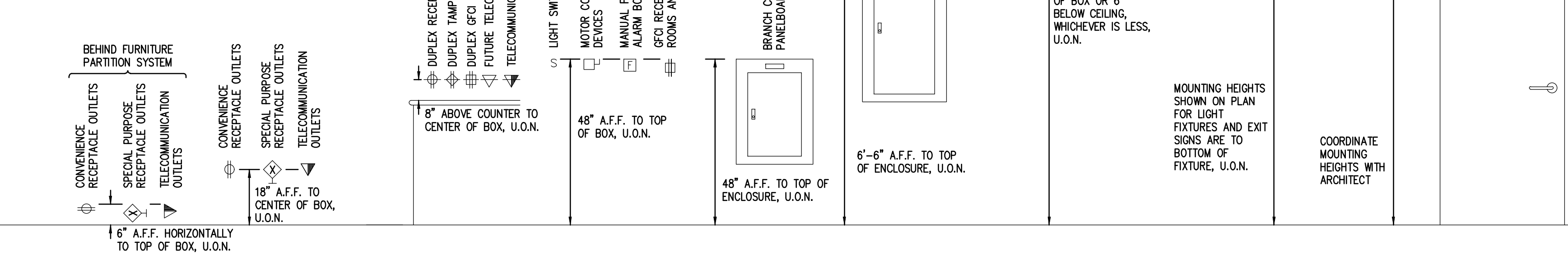


\\pba.local\projects\2024-0248-00\CAD\2024-0248-EO-IND.dwg, E0.1, 5/20/2026 3:41:13 PM, Kyle W. Albrecht, DMF6 ePlot.pc3, 1.76067, Peter Basso Associates Inc.

ELECTRICAL SYMBOL LIST (NOTE: SOME SYMBOLS AND ABBREVIATIONS SHOWN MAY NOT APPLY TO THIS PROJECT)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
X (NL)	X DENOTES FIXTURE TYPE (NL INDICATES NIGHT LIGHT)	TWC	TWO-WAY COMMUNICATION SYSTEM CALL STATION	CP	CONTROL PANEL
	FILL DENOTES EMERGENCY FIXTURE	TWCD	TWO-WAY COMMUNICATION SYSTEM AUTO DIALER	M	MOTOR
	TROUGHER LIGHT	TWCA	TWO-WAY COMMUNICATION SYSTEM ANNUNCIATOR & COMMUNICATION PANEL	VFC	VARIABLE FREQUENCY CONTROLLER
	STRIP LIGHT	TWCP	TWO-WAY COMMUNICATION SYSTEM POWER SUPPLY WITH BATTERY BACK-UP	MC	MANUAL CONTROLLER
	LINEAR LIGHT	TWCDP	TWO-WAY COMMUNICATION SYSTEM AUTO DIALER POWER SUPPLY WITH BATTERY BACK-UP	M	MAGNETIC CONTROLLER
	MULTIHEAD ADJUSTABLE LIGHT	RGP	REMOTE GENERATOR ANNUNCIATOR PANEL	CM	COMBINATION MAGNETIC CONTROLLER
	DOWN LIGHT	ATS	AUTOMATIC TRANSFER SWITCH	NP	NON-FUSIBLE DISCONNECT SWITCH
	DIRECTIONAL DOWN LIGHT	UPS	UNINTERRUPTIBLE POWER SUPPLY	F	FUSIBLE DISCONNECT SWITCH
	DECORATIVE LIGHT	CSX	LOW VOLTAGE CONTROL STATION "X" INDICATES TYPE	CB	ENCLOSED CIRCUIT BREAKER
	DECORATIVE LIGHT	CSX	SINGLE/DUPLEX RECEPTACLE OUTLET "X" INDICATES TYPE	P	PUSH BUTTON STATION
	WALL MOUNTED LIGHT	CSX	SINGLE/DUPLEX RECEPTACLE OUTLET CONTROLLED BY AUTOMATIC CONTROL DEVICE/SYSTEM	J	JUNCTION BOX
	WALL SCONCE	CSX	QUAD RECEPTACLE OUTLET	H	HARD WIRE POWER CONNECTION
	ARM MOUNTED LIGHT	CSX	ABOVE COUNTER DUPLEX RECEPTACLE OUTLET (SIMILAR FOR TAMPER RESISTANT, CONTROLLED, QUADS, EMERGENCY, UPS, USB, AND GFCI RECEPTACLE OUTLETS)	G	GROUND ROD
	LIGHTING TRACK	CSX	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE OUTLET	C	GROUND CONNECTION
	TRACK LIGHT	CSX	DUPLEX TAMPER RESISTANT RECEPTACLE OUTLET	H	HANDHOLE
	ADJUSTABLE FLOOD LIGHT	CSX	DUPLEX UPS RECEPTACLE OUTLET	CS	CONDUIT SLEEVE WITH BUSHINGS LENGTH AS REQUIRED "X" INDICATES CONDUIT SIZE
	STEP LIGHT	CSX	4 PORT USB CHARGING STATION	CS	CONDUIT UP
	LED TAPE	CSX	CEILING MOUNTED DUPLEX/QUAD RECEPTACLE OUTLET	CS	CONDUIT DOWN
	REMOTE DRIVER	CSX	WALL/CEILING MOUNTED SPECIAL RECEPTACLE OUTLET - REFER TO ELECTRICAL STANDARD SCHEDULES	CS	EMPTY BOX FOR FUTURE TELECOMMUNICATION OUTLET
	HIGH BAY LIGHT	CSX	MULTI-OUTLET SURFACE RACEWAY	CS	ABOVE COUNTER EMPTY BOX FOR FUTURE TELECOMMUNICATION OUTLET
	POLE MOUNTED LIGHT	CSX	MULTI-SERVICE DROP SEE ELECTRICAL DETAILS AND DIAGRAMS SHEET "X" INDICATES TYPE	CS	TELECOMMUNICATION OUTLET "X" INDICATES TYPE
	POST TOP LIGHT	CSX	ACCESS FLOOR SERVICE FITTING "X" INDICATES TYPE	CS	ABOVE COUNTER TELECOMMUNICATION OUTLET "X" INDICATES TYPE
	BOLLARD LIGHT	CSX	FLOOR SERVICE FITTING "X" INDICATES TYPE	CS	TELECOMMUNICATION CEILING MOUNTED OUTLET "X" INDICATES TYPE
	IN GROUND LIGHT	CSX	DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES	CS	TELECOMMUNICATION BACKBOARD
	EMERGENCY LIGHT	CSX	3-WAY DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES	CS	TELECOMMUNICATION GROUNDING BUS BAR
	EXIT LIGHT WITH DIRECTIONAL ARROWS (FILLED AREA INDICATES FACE)	CSX	4-WAY DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES	CS	TELECOMMUNICATION MAIN GROUNDING BUS BAR
	EXIT LIGHT - WALL MOUNTED (FILLED AREA INDICATES FACE)	CSX	DIGITAL TIME SWITCH	CS	INTERCOM OUTLET
	EXIT/EMERGENCY LIGHT COMBO - WALL MOUNTED (FILLED AREA INDICATES FACE)	CSX	ILLUMINATED TOGGLE SWITCH FOR CONTROL OF LIGHTING ON CRITICAL POWER-ILLUMINATED WHEN SWITCH IS IN "OFF" POSITION	CS	SPEAKER
	BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH	CSX	LOW VOLTAGE SWITCH	CS	SPEAKER - WALL MOUNTED
	AUTOMATIC LOAD CONTROL RELAY	CSX	OCCUPANCY SENSOR	CS	MICROPHONE
	LIGHTING CONTROL DEVICE - REFER TO LIGHTING CONTROL SCHEDULE	CSX	OCCUPANCY SENSOR REFER TO ELECTRICAL STANDARD SCHEDULES	CS	VOLUME CONTROL/STATION SELECTOR
	ROOM CONTROL DESIGNATION - REFER TO LIGHTING CONTROL SCHEDULE	CSX	OCCUPANCY SENSOR	CS	SIGNALING BELL
	SINGLE POLE TOGGLE SWITCH	CSX	OCCUPANCY SENSOR	CS	SINGLE FACE CLOCK - CEILING MOUNTED
	TWO POLE TOGGLE SWITCH	CSX	OCCUPANCY SENSOR	CS	SINGLE FACE CLOCK - WALL MOUNTED
	3 WAY TOGGLE SWITCH	CSX	OCCUPANCY SENSOR	CS	DOUBLE FACE CLOCK - CEILING MOUNTED
	4 WAY TOGGLE SWITCH	CSX	OCCUPANCY SENSOR	CS	DOUBLE FACE COMBINATION CLOCK/SPEAKER CEILING MOUNTED
	KEY OPERATED SWITCH	CSX	OCCUPANCY SENSOR	CS	DOUBLE FACE CLOCK - WALL MOUNTED
	3 WAY KEY OPERATED SWITCH	CSX	OCCUPANCY SENSOR	CS	DOUBLE FACE COMBINATION CLOCK/SPEAKER WALL MOUNTED
	4 WAY KEY OPERATED SWITCH	CSX	OCCUPANCY SENSOR	CS	TIME CLOCK
	DIMMER SWITCH	CSX	OCCUPANCY SENSOR	CS	CONTACTOR
	3 WAY DIMMER SWITCH	CSX	OCCUPANCY SENSOR	CS	PHOTOCELL
	DIMMER OCCUPANCY SENSOR SWITCH	CSX	OCCUPANCY SENSOR	CS	TWST TIMER
	LOW VOLTAGE DIMMER SWITCH	CSX	OCCUPANCY SENSOR	CS	
	PILOT SWITCH	CSX	OCCUPANCY SENSOR	CS	

STANDARD MOUNTING HEIGHTS



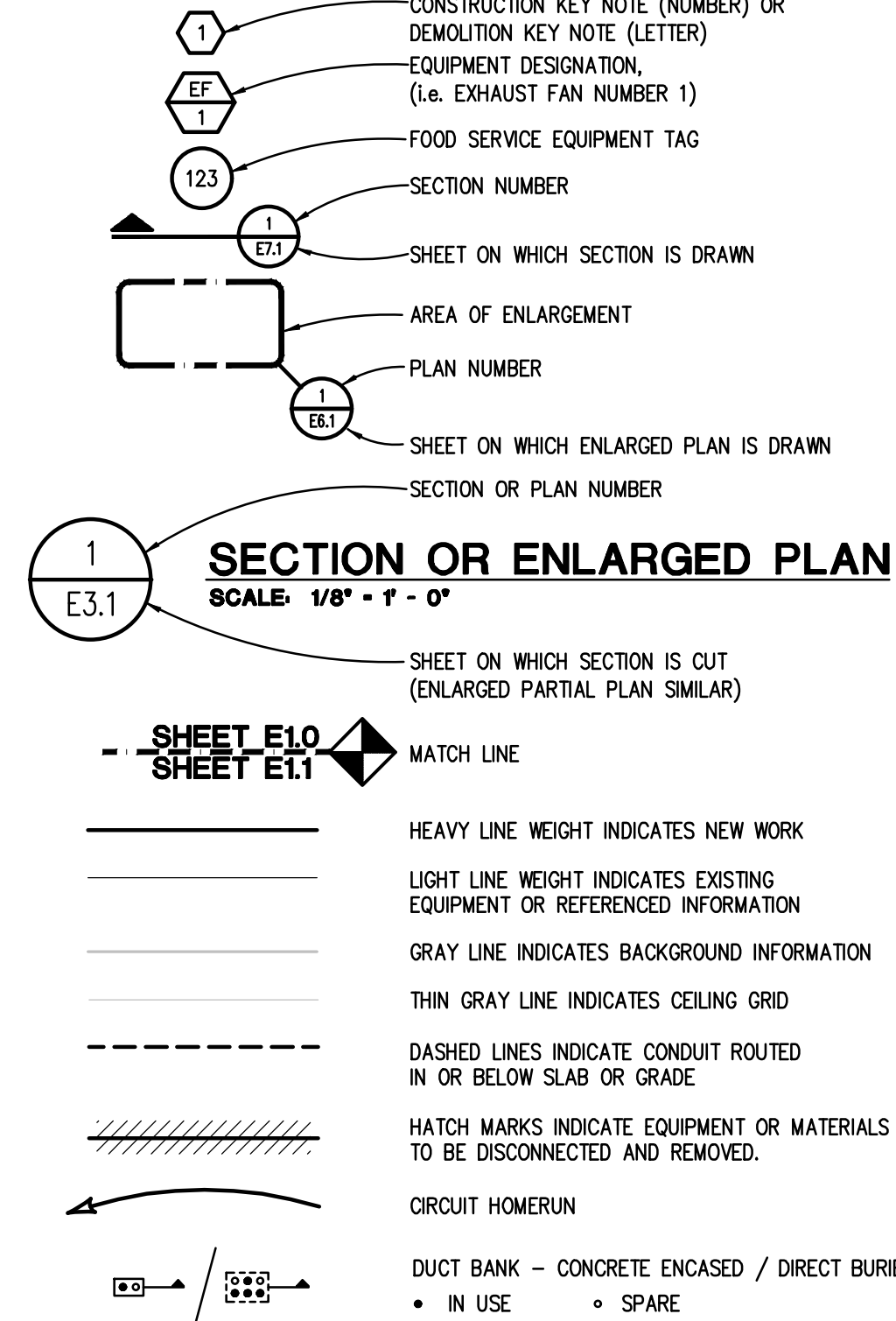
ELECTRICAL DRAWING INDEX

SHEET NO.	SHEET TITLE
E0.1	ELECTRICAL STANDARDS AND DRAWING INDEX
E0.2	ELECTRICAL STANDARD SCHEDULES
E2.1	LIGHTING PLAN
E3.1	POWER PLAN
E5.1	ONE LINE DIAGRAM AND PANEL SCHEDULES
E7.1	LIGHTING SCHEDULES

ELECTRICAL ABBREVIATION LIST

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A	AMPERES	JB	JUNCTION BOX	P	POLE
AER	ARC ENERGY REDUCTION	KA	THOUSAND AMP	PB	PUSHBUTTON STATION
AF	AMPERES FRAME (BREAKER RATING)	KV	KILOVOLT	PH	PHASE
AFCI	ARC FAULT CIRCUIT INTERRUPTER	KVA	KILOVOLT - AMPERES	PT	POTENTIAL TRANSFORMER
A.F.F.	ABOVE FINISH FLOOR	KW	KILOWATT	PDP	POWER DISTRIBUTION PANEL
AIC	AMPS INTERRUPTING CAPACITY	KWH	KILOWATT - HOURS	RECEPT.	RECEPTACLE
AL	AUDIENCE LEFT	LA	LIGHTNING ARRESTOR	RDP	RECEPTACLE DISTRIBUTION PANEL
ALCR	AUTOMATIC LOAD CONTROL RELAY	LP	LIGHTING PANEL	RP	RECEPTACLE PANEL
AUD	AUDIENCE RIGHT	LDP	LIGHTING DISTRIBUTION PANEL	RSC	RIGID STEEL CONDUIT
AT	AMPERES TRIP (BREAKER SETTING)	MAX	MAXIMUM	SCCR	SHORT CIRCUIT CURRENT RATING
ATS	AUTOMATIC TRANSFER SWITCH	MCA	MINIMUM CIRCUIT AMPACITY	SCHED	SCHEDULE
AUX	AUXILIARY	MCB	MAIN CIRCUIT BREAKER	SPD	SURGE PROTECTION DEVICE
BCELTS	BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH	MCC	MOTOR CONTROL CENTER	ST	SHUNT TRIP
BKR	BREAKER	MCP	MAIN DISTRIBUTION PANEL	SW	SWITCH
BPS	BOLTED PRESSURE SWITCH	MECH	MECHANICAL	SWBD	SWITCHBOARD
C	CONDUIT	MIN	MINIMUM	SWGR	SWITCHGEAR
CB	CIRCUIT BREAKER	MISC.	MISCELLANEOUS	TB	TERMINAL BOX
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	MLO	MAIN LUGS ONLY	TELECOM	TELECOMMUNICATIONS
CKT	CIRCUIT	MOP	MAXIMUM OVERCURRENT PROTECTION	TR	TAMPER RESISTANT
CT	CURRENT TRANSFORMER	MTD	MOUNTED	TYP	TYPICAL
DEMO	DEMOLITION	MTG	MOUNTING	U.O.N.	UNLESS OTHERWISE NOTED
DIM	DIMENSION	MTR	MOTOR	US	UPSTAGE
DISC	DISCONNECT	N	NEUTRAL	V	VOLTS
DP	DISTRIBUTION PANEL	NC	NORMALLY CLOSED	W	WIRE OR WATTS
DS	DOWNSTAGE	NEC	NATIONAL ELECTRICAL CODE	WAP	WIRELESS ACCESS POINT
DWG	DRAWING	NF	NON-FUSIBLE	WG	WIRE GUARD
EBU	EMERGENCY BATTERY UNIT	NIC	NOT IN CONTRACT	WP	WEATHERPROOF
ELEC	ELECTRICAL	NL	NIGHT LIGHT	WR	WEATHER RESISTANT
EM/ EMERG	EMERGENCY	NO	NORMALLY OPEN	XFMR	TRANSFORMER
EMT	ELECTRICAL METALLIC TUBING	NTS	NOT TO SCALE	XP	EXPLOSION PROOF
EO	ELECTRICALLY OPERATED	OC	ON CENTER	(E)	EXISTING
EPO	EMERGENCY POWER OFF	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	(R)	RELOCATED
EWC	ELECTRIC WATER COOLER	OFCI	OWNER FURNISHED, OWNER INSTALLED		
EXIST	EXISTING				
FA	FIRE ALARM				
FLA	FULL LOAD AMPS				
FLR	FLOOR				
FOH	FRONT OF HOUSE				
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR				
FU	FUSE				
G/GRD/EG	GROUND				
GFCI	GROUND FAULT CIRCUIT INTERRUPTER				
GFP	GROUND FAULT PROTECTION				
HOA	HAND-OFF-AUTO				
HP	HORSEPOWER				
HV	HIGH VOLTAGE				
HZ	HERTZ				
IG	ISOLATED GROUND				

STANDARD METHODS OF NOTATION



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PBA Project No. 2024.0248

Client
The Paradise Valley Cultural and Entertainment District Conservancy

13254 Common Road
Warren, MI 48088

Permits	10/17/2025
Bid Set	09/05/2025
Progress Set	08/27/2025
Progress Set	07/09/2025
100% Design Development	08/23/2024

Project
Paradise Valley Alley

Drawing Title
ELECTRICAL STANDARDS AND DRAWING INDEX

Project Number: 2023035.00

Drawn By: KWA Approved By: EMG

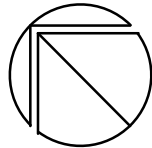
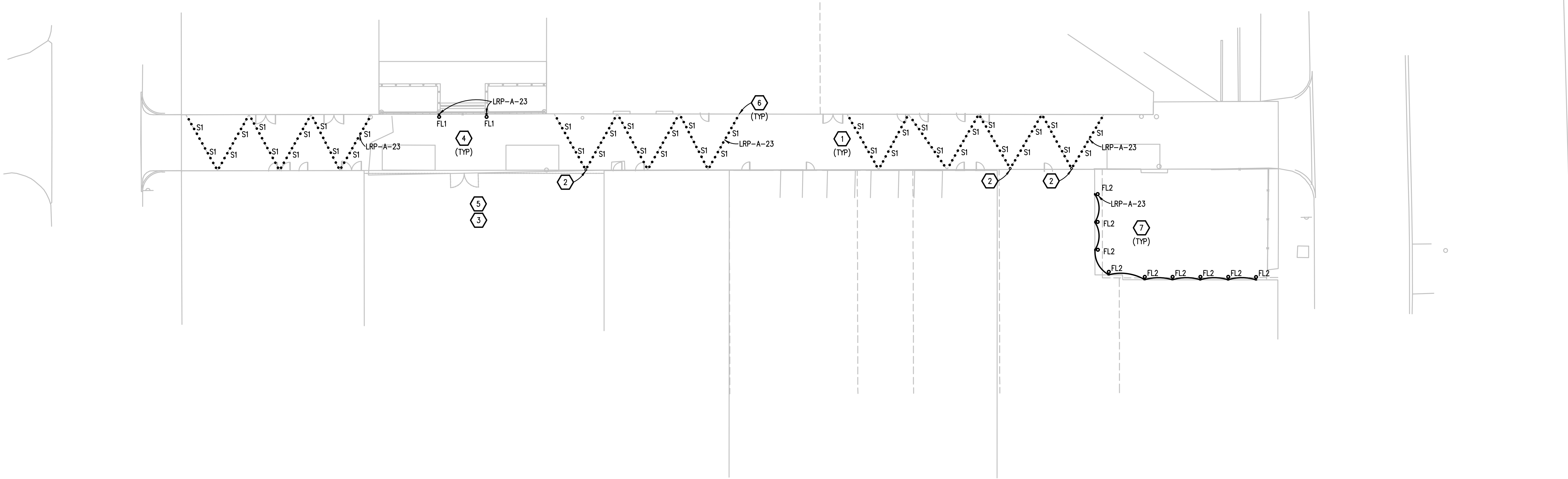
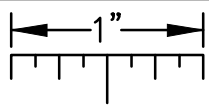
Scale: NONE

Seal:

Signature: _____

Drawing No: _____

E0.1



LIGHTING PLAN
SCALE: 1" = 20'



Know what's below.
Call before you dig.

SITE PLAN GENERAL NOTES:

- THESE NOTES ARE GENERIC GUIDELINES ONLY. ELECTRICAL CONTRACTOR'S PERSONNEL ON SITE SHALL BE THOROUGHLY FAMILIAR WITH THE PUBLISHED SPECIFICATIONS FOR EXACT DESCRIPTIONS OF SCOPE, METHODS, AND MATERIAL.
- THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.
- CONDUCT A SURVEY TO IDENTIFY ALL UNDERGROUND UTILITIES. CALL 811 PRIOR TO EXCAVATION.
- UTILITIES SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY. COORDINATE EXACT LOCATION OF ALL EXISTING UTILITIES, AND ROUTING OF ALL NEW UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
- DEWATER TRENCHES PRIOR TO INSTALLATION OF CONDUITS. PROVIDE WATER TIGHT FITTINGS ON ALL UNDERGROUND CONDUITS.
- COORDINATE DEMOLITION WORK, AND ELECTRICAL AND TELEPHONE SERVICES TO THE SITE, WITH THE RESPECTIVE LOCAL UTILITY COMPANY REPRESENTATIVES PRIOR TO COMMENCEMENT OF WORK. INCLUDE ALL ASSOCIATED COST/FEE'S BY THE UTILITY COMPANIES IN THE BID PRICE.
- INSTALL UNDERGROUND CONDUITS 42" BELOW FINISHED GRADE, MINIMUM, UNLESS NOTED OTHERWISE.
- COORDINATE SERVICE SHUT-DOWNS WITH ALL TRADES INVOLVED ON SITE AND OBTAIN WRITTEN AUTHORIZATION FROM OWNER 72 HOURS PRIOR TO ANY ELECTRICAL AND/OR TELEPHONE SHUT-DOWN.
- REMOVE ALL DE-ENERGIZED CONDUCTORS FROM SITE AT COMPLETION OF THE PROJECT.
- OUTDOOR LIGHTING BRANCH CIRCUIT WIRING SHALL BE MINIMUM #8 AWG CONDUCTORS (XHHW-2), IN MINIMUM 1" DIA. CONDUIT, UNLESS NOTED OTHERWISE.
- SPARE CONDUITS SHALL INCLUDE PULL STRING AND SHALL BE TERMINATED WITH A CAP.
- EXCAVATE THE ENTIRE LENGTH OF TRENCH TO PROPERLY SET DUCT ELEVATIONS.

CONSTRUCTION KEY NOTES:

- TYPE S1 STRING LIGHTING, MOUNTING AND POWER ACCESSORIES TO BE COORDINATED BY CONTRACTOR.
- STRING LIGHTING IS POLE MOUNTED IN LOCATIONS WHERE BUILDING WALL MOUNTING IS NOT FEASIBLE. EXACT LOCATION TO BE DETERMINED. CONTRACTOR TO COORDINATE POLE REQUIREMENTS AND FINAL LOCATIONS, AND COORDINATE STRUCTURAL INTEGRITY REVIEW. ASSUME 18" BASE FOR PRICING.
- COORDINATE ADDITIONAL POWER AND CONTROL CAPACITY AND MOUNTING LOCATIONS FOR PRODUCTION EQUIPMENT ANTICIPATED FOR SPECIAL EVENTS INCLUDING PROJECTORS.
- FLOOD DOWNLIGHTS MOUNTED TO POSTS 16'-0" A.F.G. AND AIMED STRAIGHT DOWN. FIXTURE TYPE FL1 IS THE BASIS OF DESIGN.
- OUTDOOR RATED AUDIO-VISUAL PROJECTOR BY OTHERS..
- STRING LIGHTING CABLING AND HARDWARE TO BE COORDINATED WITH LIGHTING MANUFACTURER. MOUNT AT APPROXIMATELY 18'-0" A.F.G. FOR MINIMUM CLEARANCE HEIGHT OF 16'-0" A.G. CONTRACTOR TO COORDINATE FULL SERVICE DELEGATED DESIGN, INCLUDING FINAL BUILDING MOUNTING LOCATIONS TO AVOID CONFLICTS IN FIELD, AND VERIFICATION OF STRUCTURAL INTEGRITY TO BE PROVIDED WITH STRING LIGHTING SYSTEM.
- TYPE FL2: ADJUSTABLE WALL MOUNTED FLOOD LIGHTS 10'-0" A.F.G. SPACED EVENLY ALONG WALL AND AIMED STRAIGHT DOWN. COORDINATE MOUNTING LOCATIONS WITH BUILDING ELEMENTS.

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100% Design Development	08/23/2024

Project
Paradise Valley Alley

Drawing Title
LIGHTING PLAN

Project Number: 2023035.00

Drawn By: ANS Approved By: RMW

Scale: 1/20"=1'-0"

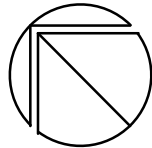
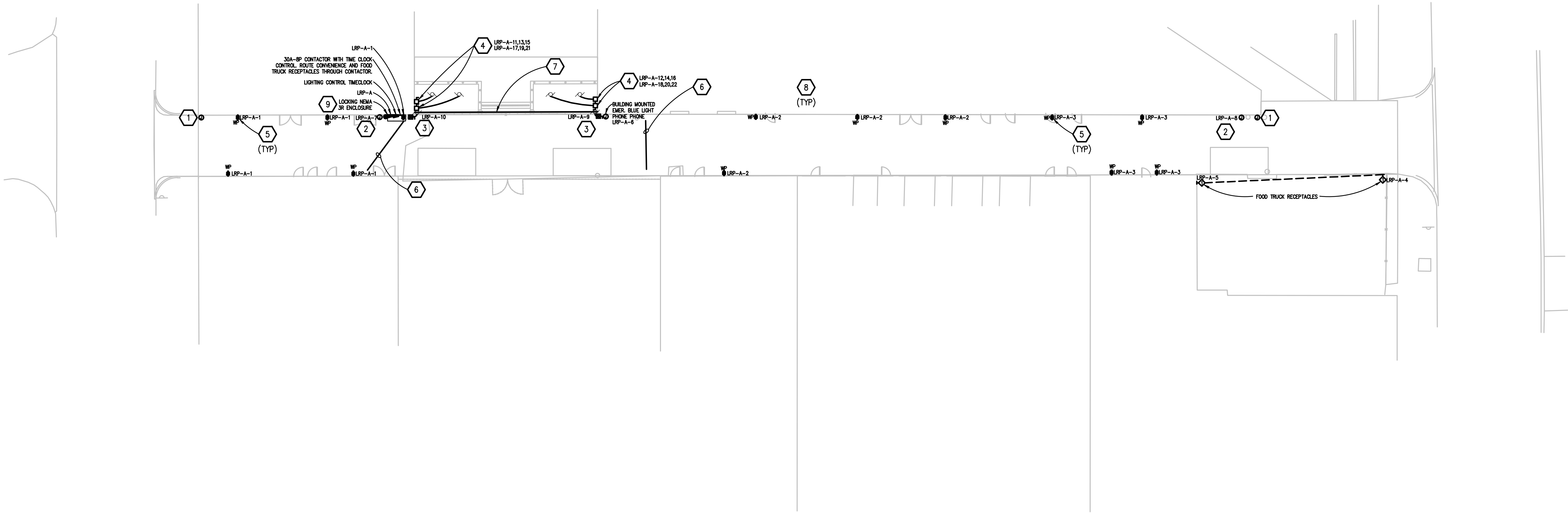
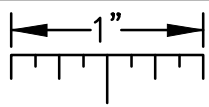
Seal:

Signature: _____

Drawing No:

E2.1

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE.



POWER PLAN
SCALE: 1" = 20'



Know what's below.
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- CONDUCT A SURVEY TO IDENTIFY ALL UNDERGROUND UTILITIES. CALL 811 PRIOR TO EXCAVATION.
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- DEWATER TRENCHES PRIOR TO INSTALLATION OF CONDUITS. PROVIDE WATER TIGHT FITTINGS ON ALL UNDERGROUND CONDUITS.
- COORDINATE DEMOLITION WORK, AND ELECTRICAL AND TELEPHONE SERVICES TO THE SITE, WITH THE RESPECTIVE LOCAL UTILITY COMPANY REPRESENTATIVES PRIOR TO COMMENCEMENT OF WORK. INCLUDE ALL ASSOCIATED COST/FEE'S BY THE UTILITY COMPANIES IN THE BID PRICE.
- INSTALL UNDERGROUND CONDUITS 42" BELOW FINISHED GRADE, MINIMUM, UNLESS NOTED OTHERWISE.
- COORDINATE SERVICE SHUT-DOWNS WITH ALL TRADES INVOLVED ON SITE AND OBTAIN WRITTEN AUTHORIZATION FROM OWNER 72 HOURS PRIOR TO ANY ELECTRICAL AND/OR TELEPHONE SHUT-DOWN.
- REMOVE ALL DE-ENERGIZED CONDUCTORS FROM SITE AT COMPLETION OF THE PROJECT.
- OUTDOOR LIGHTING BRANCH CIRCUIT WIRING SHALL BE MINIMUM #8 AWG CONDUCTORS (XHHW-2), IN MINIMUM 1" DIA. CONDUIT, UNLESS NOTED OTHERWISE.
- SPARE CONDUITS SHALL INCLUDE PULL STRING AND SHALL BE TERMINATED WITH A CAP.
- EXCAVATE THE ENTIRE LENGTH OF TRENCH TO PROPERLY SET DUCT ELEVATIONS.

CONSTRUCTION KEY NOTES:

- PROVIDE JUNCTION BOX FOR FUTURE SIGNAGE WITH (2) 1-1/4" SPARE CONDUIT BACK TO ELECTRICAL ENCLOSURE. COORDINATE FINAL LOCATION WITH OWNER.
- PROVIDE JUNCTION BOX FOR FUTURE PROJECTOR. COORDINATE LOCATION WITH OWNER. PROVIDE ALLOWANCE FOR 600' OF CONDUIT, 2/0 WIRE, AND DATA CONNECTION FROM ELECTRICAL ENCLOSURE TO EQUIPMENT LOCATION. INCLUDE ALLOWANCE FOR EQUIPMENT REQUIRED TO MOUNT OVER 20' AFF, HANGERS AND SUPPORT, AND TO CHANGE THE CB SIZE FOR THE CIRCUIT SHOWN.
- MOTORIZED COILING DOOR FOR TRASH ENCLOSURE.
- PROVIDE POWER AND DISCONNECT FOR UNTOUCHABLE VIP 3 TRASH COMPACTOR.
- LOCATE ADJACENT TO BENCH. REFERENCE LANDSCAPING ARCHITECTURAL DRAWINGS FOR BENCH LOCATIONS.
- ROUTE CONDUIT 1'-2' ABOVE LIGHTING. PROVIDE A WEATHERHEAD AT EACH END AND PROVIDE APPROPRIATE SUPPORT FOR THE CATENARY WIRING.
- ROUTE CONDUIT ALONG FRAME FOR TRASH ENCLOSURE.
- CONDUIT TO BE SURFACE MOUNTED UNLESS SPECIFICALLY SHOWN AS UNDERGROUND.
- PROPOSED DTE ELECTRICAL METER LOCATION.

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Revised	12/11/2025
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Project
Paradise Valley Alley

Drawing Title
POWER PLAN

Project Number: 2023035.00

Drawn By: KWA Approved By: EMG

Scale: 1/20"=1'-0"

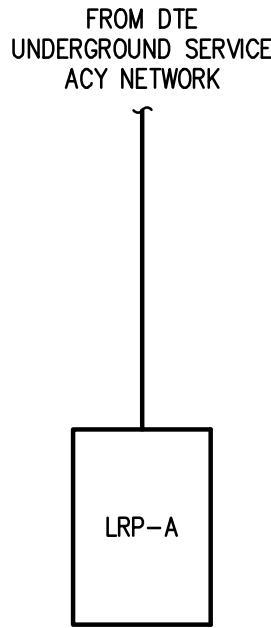
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Signature: _____

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E3.1

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ONE LINE DIAGRAM
NO SCALE

PANELBOARD LRP-A																			
#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	VA	ØA	ØB	ØC	VA	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#					
1	R	CONVENIENCE RECEPTACLES		20	900	1620			720	20		CONVENIENCE RECEPTACLES	R	2					
3	R	CONVENIENCE RECEPTACLES		20	720		3600		2880	30		FOOD TRUCK RECEPTACLES	R	4					
5	R	FOOD TRUCK RECEPTACLES		30	2880			3880	1000	20		BLUE LIGHT PHONE	NC	6					
7	NC	PROJECTOR		30	2880	5760			2880	30		PROJECTOR	NC	8					
9	L	LIGHTING		20	304		804		500	20		ODOR NEUTRALIZER	NC	10					
11	MH				733			1466	733				M	12					
13	MH	TRASH COMPACTOR		20	733	1466			733	20		TRASH COMPACTOR	M	14					
15	MH				733		1466		733				M	16					
17	M				733			1466	733				M	18					
19	M	TRASH COMPACTOR		20	733	1466			733	20		TRASH COMPACTOR	M	20					
21	M				733		1466		733				M	22					
23	M				360			720	360				M	24					
25	M	COILING DOOR		20	360	720			360	20		COILING DOOR	M	26					
27	M				360		720		360				M	28					
29	M				360			860	500	20		ODOR NEUTRALIZER	NC	30					
31	M	COILING DOOR		20	360	860			500	20		ODOR NEUTRALIZER	NC	32					
33	M				360		860		500	20		ODOR NEUTRALIZER	NC	34					
35		SPARE		20						20		SPARE		36					
37		SPARE		20						20		SPARE		38					
39		SPARE		20						20		SPARE		40					
41		SPARE		20						20		SPARE		42					
					11892		8916		8392										
					ØA		ØB		ØC										
PANELBOARD INFORMATION					BRANCH CIRCUIT CONNECTED LOAD					DEMAND CALCULATED FEEDER AND									
VOLTAGE: 208Y/120					CONTINUOUS LOAD (C)					LOAD SIZING					NOTES:				
BUS CAPACITY: 125A					ELECTRIC HEAT (E)					100%					125%				
MAIN TYPE: 125A MCB					NON-CONTINUOUS LOAD (NC)					100%					100%				
MINIMUM A.I.C.: 42,000					KITCHEN LOAD (K)					100%					100%				
MOUNTING: SURFACE					RECEPTACLE BASE LOAD (R)					100%					100%				
					RECEPTACLE DEMAND LOAD (R)					50%					100%				
					LIGHTING LOAD (L)					100%					100%				
					ADDITIONAL TRACK LIGHTING LOAD					100%					100%				
					MOTORS, HIGHEST LOAD (MH)					125%					100%				
					MOTORS, REMAINING LOAD (MA)					100%					100%				
					TOTAL(KVA):					29.75					28.37				
					TOTAL (AMPS):					83					78				
PANELBOARD LOCATION					NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD					TOTAL (AMPS):					83				

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PARADISE VALLEY ALLEY LUMINAIRE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER	WATTAGE	VOLTAGE	LIGHT CHARACTERISTICS	CONTROLS	REMARKS
FL1	POST MOUNTED FLOODLIGHT	LUMENPULSE LUMENBEAM SMALL	14 W	120	3000K LED, 90 DEGREE BEAM	ON/OFF	
FL2	WALL MOUNTED FLOODLIGHT	LUMENPULSE LUMENBEAM SMALL	14 W	120	3000K LED, 90 DEGREE BEAM	ON/OFF	
S1	CABLE MOUNTED STRING LIGHTS	TOKISTAR EXHIBITOR	.7 W/FT	24 V	3000K "VIRTUAL INCANDESCENT" LED	ON/OFF	120V TRANSFORMERS
S1 ALT	CABLE MOUNTED STRING LIGHTS	TOKISTAR KROMASTAR	.48 W/FT	24 V	RGBW	DMX	BASIS OF DESIGN PROVIDED FOR BID ALTERNATE
GENERAL NOTES: 1. REFER TO SPECIFICATIONS FOR DETAILED LIGHT FIXTURE CUT SHEETS. 2. WATTAGE LISTED IS FROM THE BASIS OF DESIGN MANUFACTURER. 3. FINISH TO BE APPROVED BY INTERIOR DESIGNER, ARCHITECT OR CLIENT. 4. ALL LUMINAIRES TO BE AS SPECIFIED OR EQUAL APPROVED BY PBA AND/OR ILLUMINART.							

PARADISE VALLEY ALLEY LIGHTING CONTROLS NARRATIVE:

THE LIGHTING IN THE PARADISE VALLEY ALLEY PROJECT SHALL BE CONTORLLABLE VIA DIGITAL TIMECLOCK, AND CONNECTED TO A PHOTOCCELL TO PREVENT THE LIGHTING FROM TURNING ON DURING THE DAY. THE LOCATION AND MOUNTING REQUIREMENTS OF THE PHOTOCCELL ARE TO BE COORDINATED WITH THE BUILDING OWNERS OF THE ALLEY. LOCAL CONTROLS TO BE CONCEALED IN A WEATHER RATED ENCLOSURE THAT IS INACCESSIBLE TO THE PUBLIC, TO PROVIDE SEPARATE ON/OFF CONTROL FOR LIGHTING TYPES S1, FL1 AND FL2.

IF COLOR CHANGING STRING LIGHTING IS DESIRED, A SIMPLE ALTERNATIVE MAY BE PURCHASING A WIRELESSLY CONTROLLED WEATHER RATED COLOR CHANGING STRING LIGHTING WITH AN IR REMOTE FROM A RETAIL PROVIDER.

BID ALTERNATE LIGHTING CONTROLS NARRATIVE:

EACH LIGHTING TYPE IN THE PARADISE VALLEY ALLEY PROJECT SHALL BE DIMMABLE AND SEPARATELY CONTROLLABLE. LIGHTING SHALL BE COLOR CHANGING AND CONTROLLED VIA DMX, AND ZONED GRANULARLY PER UNIT. THE DMX CONTROLS SYSTEM SHALL INCLUDE DEVICES THAT CAN INCORPORATE OTHER DIMMING PROTOCOLS SUCH AS 0-10V AND PHASE DIMMING.

ASTRONOMICAL TIMECLOCK AND PHOTOCCELL CONTROL TO BE PROVIDED, SCHEDULE BY OWNER. THE SCHEDULED "ALL OFF" PRESET SHALL BE COORDINATED WITH OWNER. THIS FUNCTION SHALL HAVE AN OVERRIDE FOR EVENTS THAT RUN LONGER THAN THE SCHEDULED SHUT-OFF. LIGHTING SCENES MAY CONSIST OF STATIC OR PRESET COLOR PALETTES, DYNAMIC COLOR AND DIMMING SEQUENCES OR CHASES, AND LONGER DURATION SEQUENCES THAT ARE ACCESSED MANUALLY, TRIGGERED VIA TIMECLOCK, OR TRIGGERED BY AUDIO-VISUAL CUES. LIGHTING PROGRAMMER TO COORDINATE LIGHTING CONTROLS PRESET SCENES WITH OWNER, WITH THE ABILITY TO CREATE AND MODIFY ADDITIONAL SCENES AND SEQUENCES AFTER INITIAL PROGRAMMING.

LIGHTING SCENES SHALL BE CONTROLLABLE VIA TOUCH SCREEN USER INTERFACE (LOCATION BY OWNER), AS WELL AS SIMPLE PRESET SCENE KEYPAD CONTROL CONCEALED LOCALLY IN A WEATHER RATED ENCLOSURE THAT IS INACCESSIBLE TO THE PUBLIC. INTERFACE GRAPHICS TO BE CUSTOMIZED PER OWNER'S REQUIREMENTS. A LOCAL DATA ACCESS PORT SHALL BE PROVIDED WITHIN THE ALLEY IN A WEATHER RATED ENCLOSURE THAT IS INACCESSIBLE TO THE PUBLIC, TO ALLOW FOR DIRECT CONNECTION TO THE LIGHTING CONTROLS AND AUDIO-VISUAL SYSTEMS.

A WIRELESS ACCESS POINT SHALL BE PROVIDED IN THE ALLEY AT THE OWNER'S DISCRETION TO ALLOW FOR REMOTE OPERATION OF THE LIGHTING CONTROL SYSTEM AND AUDIO-VISUAL SYSTEMS. THE WIRELESS ACCESS SHALL ALLOW FOR A VIRTUAL TOUCHSCREEN FOR REMOTE CONTROL OF THE LIGHTING CONTROL SYSTEM, THAT IS ACCESSIBLE WITHIN THE ALLEY AS WELL AS OFF-SITE. THIS IS TO FACILITATE MONITORING OF THE ALLEY'S LIGHTING CONTROL SETTINGS IF OWNERS ARE NOT PRESENT. OWNER SHALL HAVE THE ABILITY TO PROVIDE MANUAL UNLOCK AND LOCK OF USER ACCESS TO A THIRD PARTY SUCH AS A LOCAL ARTIST, TO TEMPORARILY TAKE CONTROL OF THE LIGHTING CONTROL SYSTEM PRESET SCENES, AND BE GRANTED THE ABILITY TO CREATE AND MODIFY SCENES THAT CAN BE INTEGRATED WITH AUDIO-VISUAL CONTENT IN THE ALLEY.

LIGHTING PRESET SCENES SHALL BE CONTROLLABLE EITHER SEPARATELY, OR TOGETHER WITH AUDIO-VISUAL SEQUENCES. LIGHTING SCENES AND AUDIO-VISUAL CONTENT SHALL BE INTEGRATED SUCH THAT LIGHTING SCENES CAN BE PROGRAMMED TO RESPOND TO OR BE CUED WITH AUDIO-VISUAL CONTENT, AND THE LIGHTING AND AUDIO-VISUAL CONTENT CAN BE IN VIEW PHYSICALLY AS WELL AS WITHIN THE USER DIGITAL INTERFACE WHILE THESE ADJUSTMENTS ARE MADE.

LIGHTING CONTROL SYSTEM SHALL BE SUPPLIED AND COMMISSIONED BY AN APPROVED, FACTORY CERTIFIED RESELLER IN ORDER TO MAINTAIN QUALITY AND TO ASSURE THE FULL DESIGN INTENT. RESELLER SHALL WORK IN COORDINATION WITH THE INSTALLING CONTRACTOR TO ENSURE A SEAMLESS INSTALLATION IS COMPLETED IN A TIMELY MANNER. TRAINING FOR THE LIGHTING CONTROLS SYSTEM TO BE PROVIDED FOR THE OWNER TO CREATE AND MODIFY LIGHTING CONTROLS PRESET SCENES WITHOUT THE ASSISTANCE OF THE MANUFACTURER'S TECHNICIAN. INTEGRATION PATCH SHEETS RECORD DOCUMENTATION AND INSTRUCTIONS TO BE DEVELOPED BY PROGRAMMING TEAM AND PROVIDED TO OWNER.

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Client

The Paradise Valley Cultural and Entertainment District Conservancy

13254 Common Road
Warren, MI 48088

Permits	10/17/2025
Bid Set	09/05/2025
Progress Set	08/27/2025
Progress Set	07/09/2025
100% Design Development	08/23/2024

Project

Paradise Valley Alley

Drawing Title

LIGHTING SCHEDULES

Project Number: 2023035.00	
Drawn By: ESW	Approved By: RMW
Scale: NONE	
Seal:	

Signature: _____

Drawing No: _____

E7.1