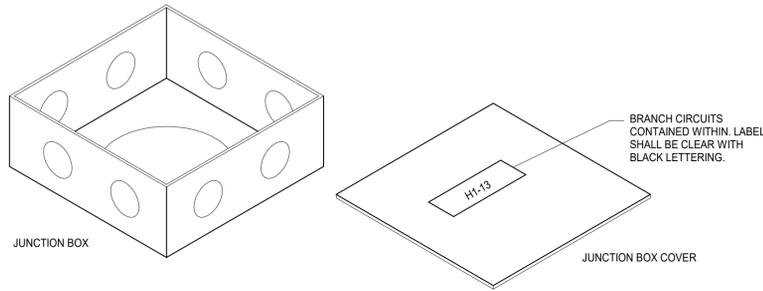


**1 TYP. ROOF MOUNTED RECEPTACLE DETAIL**  
Scale: 12" = 1'-0"



**2 TYP. JUNCTION BOX DETAIL**  
Scale: N.T.S.

SYMBOL SCHEDULE			
SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)	SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)		MISCELLANEOUS EQUIPMENT	
☐	LIGHT FIXTURE	[FACP]	FIRE ALARM CONTROL PANEL
☐	FIXTURE ON EMERGENCY CIRCUIT OR BATTERY BACK-UP	[ANNC]	FIRE ALARM REMOTE ANNUCIATOR
○	DOWNLIGHT FIXTURE	[T]	TRANSFORMER FOR DOOR BELL/BUZZER
○	LIGHT FIXTURE - WALL MOUNTED	[C]	CHIME/BUZZER
○	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT	MOTOR CONTROLLERS AND EQUIPMENT	
○	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT	⊗	MOTOR, MAKE FINAL MOTOR CONNECTION
⊗	EXIT LIGHT-CEILING MTD WITH DIRECTIONAL ARROWS AS REQUIRED	⊗	3-PHASE MOTOR, MAKE FINAL MOTOR CONNECTION
⊗	EXIT LIGHT-WALL MTD WITH DIRECTIONAL ARROWS AS REQUIRED	⊗	DISCONNECT SWITCH AS REQUIRED
SWITCHES		⊗	FUSED DISCONNECT SWITCH AS REQUIRED
\$	SINGLE POLE SWITCH	⊗	COMBINATION MOTOR STARTER/DISCONNECT SWITCH AS REQUIRED
\$2	2-POLE SWITCH	⊗	MOTOR STARTER
\$3	3-WAY SWITCH	\$M	MANUAL MOTOR SWITCH AS REQUIRED
\$4	4-WAY SWITCH	⊗	PREWIRED DEVICE, MAKE ELECTRICAL FINAL CONNECTIONS
\$K	KEYED SWITCH	⊗	VARIABLE FREQUENCY DRIVE MOTOR CONTROLLER FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
\$3K	KEYED 3-WAY SWITCH	ELECTRICAL EQUIPMENT	
\$D	WALL DIMMER SWITCH, SIZE AND TYPE AS REQUIRED	OR	ELECTRICAL DISTRIBUTION OR PANELBOARD
\$VD	WALL MOUNTED DIMMER SWITCH WITH VACANCY SENSOR, MANUAL ON / AUTO OFF.	■	DRY TYPE TRANSFORMER
\$V	WALL MOUNTED SWITCH WITH VACANCY SENSOR, MANUAL ON / AUTO OFF.	CIRCUITING	
\$OC	WALL MOUNTED SWITCH WITH VACANCY SENSOR, AUTO ON / AUTO OFF.	—	CONDUIT
\$P	SWITCH WITH PILOT LIGHT	— — —	CONDUIT BELOW FLOOR, SLAB, OR GRADE
\$MC	MOMENTARY CONTACT SWITCH	SUBSCRIPTS AND ABBREVIATIONS	
[B]	PUSH BUTTON	WG	INDICATES WIREGUARD
\$TH	6-HOUR TIMER SWITCH WITH HOLD	H	INDICATES HORIZONTAL
\$T	6-HOUR TIMER SWITCH WITH NO HOLD	TL	INDICATES TWIST LOCK
⊗	20 AMP GENERATOR TRANSFER DEVICE	NL	LIGHT FIXTURE ON NIGHT LIGHT CIRCUIT
\$WS	WIRELESS SWITCH	ERMS	ENERGY REDUCTION MAINTENANCE SWITCH
LOW VOLTAGE LIGHTING CONTROLS		1-L	REFER TO ONE-LINE DIAGRAM
\$R	LOW VOLTAGE LIGHTING CONTROLLER WALL SWITCH	I-	INDICATES WALL MOUNTED DEVICE
\$B	BMCS TIMER LOCAL OVERRIDE SWITCH	AC	ABOVE COUNTERTOP
⊗	CEILING MOUNTED PHOTO SENSOR	AFF	ABOVE FINISH FLOOR
⊗	CEILING MOUNTED VACANCY SENSOR, MANUAL ON / AUTO OFF	AFG	ABOVE FINISH GRADE
⊗	CEILING MOUNTED OCCUPANCY SENSOR, AUTO ON / AUTO OFF	ANNC	ANNUCIATOR
⊗	LIGHTING CONTROLLER WITH GTD, ZONES AS REQUIRED.	CC	CONTROLS CONTRACTOR
RECEPTACLES AND OUTLETS		DF	DRINKING FOUNTAIN
⊗	SIMPLEX RECEPTACLE	EC	ELECTRICAL CONTRACTOR
⊗	DUPLEX RECEPTACLE	EF	EXHAUST FAN
⊗	POWER POLE	ERMS	ENERGY REDUCTION MAINTENANCE SWITCH
⊗	125/250 VOLT, 1 PHASE, 3-WIRE, 20 AMPS UNLESS NOTED OTHERWISE	EXR	EXISTING RELOCATED
⊗	CEILING MOUNTED RECEPTACLE	GC	GENERAL CONTRACTOR
⊗	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE	GFI	GROUND FAULT INTERRUPT
⊗	DOUBLE DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE IN 2-GANG BOX WITH SINGLE COVER PLATE.	HP	HORSEPOWER
⊗	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE	IBC	INTERNATIONAL BUILDING CODE
⊗	FLUSH FLOOR CONCEALED SERVICE DUPLEX RECEPTACLE OUTLET	IG	ISOLATED GROUND
⊗	FLUSH FLOOR CONCEALED SERVICE DOUBLE DUPLEX RECEPTACLE OUTLET	LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS, AND GROUND
⊗	CONCEALED SERVICE MULTI-ACCESS FLOOR BOX WITH WIRING DEVICES AS INDICATED ON DRAWINGS. SIZE TO MATCH DEVICE QUANTITIES.	LV	LOW VOLTAGE
⊗	REMOTE BLANK FACE GFCI DEVICE.	LVRP	LV RELAY PANEL
⊗	PROVIDE DUPLEX RECEPTACLE WITH (2) USB CHARGING PORTS.	MC	MECHANICAL CONTRACTOR
⊗	E.C. TO PROVIDE ROUGH-IN FOR CARD READER JUNCTION BOX. REFER TO TECHNOLOGY SHEETS FOR ADDITIONAL INFORMATION.	MCA	MINIMUM CIRCUIT AMPS
⊗	SWITCH CONTROLLED RECEPTACLE WITH THE TOP RECEPTACLE LOAD CONTROLLED VIA PLUG LOAD SWITCH MEETING 2021 IECC 405.11 REQUIREMENTS. SPLIT LOAD-CONTROLLED RECEPTACLES SHALL BE PERMANENTLY FACTORY MARKED AS CONTROLLED.	MDP	MAIN DISTRIBUTION PANEL
⊗	ELECTRICAL CONNECTION	MCB	MAIN CIRCUIT BREAKER
⊗	ELECTRICAL J-BOX CONNECTION	MLO	MAIN LUG ONLY
		MTD	MOUNTED
		NIC	NOT IN CONTRACT
		OCC	OCCUPANCY
		PC	PLUMBING CONTRACTOR
		PNL	PANEL
		SPST	SINGLE POLE SINGLE THROW
		TTB	TELEPHONE TERMINAL BOARD
		TYP	TYPICAL
		WG	WIRE GUARD
		WP	WEATHER PROOF
		20A	20 AMP
		∅	PHASE
		3W	3 WIRE
		1P20A	SINGLE POLE 20 AMP
		•	NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN FIELD COORDINATION BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES.
<b>GENERAL NOTES:</b>			
1. ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT AND DEVICES TO BE WEATHERPROOF NEMA-3R MINIMUM.			

**GENERAL ELECTRICAL NOTES**

- CONTRACTOR TO VERIFY EXISTING ELECTRICAL CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY ELECTRICAL OR CODE ISSUES PRIOR TO BID. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL CODE COMPLIANT SYSTEM.
- ALL WORK SHALL BE IN CONFORMANCE WITH NATIONAL, STATE, AND LOCAL CODES AND/OR ORDINANCES.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS & LOCAL UTILITY. E.C. SHALL CONTACT LOCAL UTILITY FOR EXACT SERVICE REQUIREMENTS TO INCLUDE BUT NOT LIMITED TO TRANSFORMER, METERING AND CABLING. LOCAL UTILITY REQUIREMENTS SUPERSEDE DRAWINGS AND SPECIFICATIONS.
- SEE ARCHITECTURAL, MECHANICAL, & PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. THEY ARE INTENDED TO GIVE APPROXIMATE LOCATIONS AND OVERALL DESIGN INTENT. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCTS, MATERIALS, AND ELECTRICAL METHODS WHICH HAVE NOT BEEN SHOWN OR INDICATED BUT ARE REQUIRED FOR A COMPLETE SYSTEM TO THE STANDARDS OF THE INDUSTRY.
- INSTALL LIGHTING FIXTURES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE SUPPORTING DEVICES FOR ADEQUATE SUPPORT OF FIXTURES FROM STRUCTURE.
- UPON COMPLETION OF THE ELECTRICAL WORK, THE INSTALLATION SHALL BE TESTED FOR CONTINUITY, GROUNDS, AND SHORT CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL DEMONSTRATE PROPER PERFORMANCE OF ALL SYSTEMS. ALL DEFECTIVE WORK OR MATERIALS SHALL BE REPLACED OR REPAIRED AS NECESSARY AND RETESTED.
- ELECTRICAL RACEWAYS THAT PENETRATE FIRE RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED AS PER THE LOCAL BUILDING CODE.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE A TEMPORARY ELECTRICAL SYSTEM FOR THE PROJECT. AT LEAST ONE 120 VOLT SINGLE PHASE RECEPTACLE SHALL BE PROVIDED FOR EACH 500 SQUARE FEET OF FLOOR SPACE. SUFFICIENT TEMPORARY LIGHTING SHALL BE PROVIDED TO ALLOW ALL CONTRACTORS TO COMPLETE THEIR WORK. TEMPORARY ELECTRICAL CIRCUITS SHALL BE EQUIPPED WITH COMBINATION GROUND FAULT INTERRUPTER AND CIRCUIT BREAKER PER NEC. TEMPORARY ELECTRICAL SYSTEM SHALL BE INCLUDED IN THIS BID. USAGE CHARGES SHALL BE PAID FOR BY THE GENERAL CONTRACTOR.

**ELECTRICAL SHEET INDEX**

E000	ELECTRICAL TITLE SHEET
E001	ELECTRICAL INFRASTRUCTURE PLAN
E201	ELECTRICAL ROOF PLAN
E401	ELECTRICAL ONE-LINE DIAGRAM



Δ	DESCRIPTION	DATE



Oklahoma City  
2900 S. Telephone Road, Suite 120  
Moore, OK 73160  
CA# 7058 Expiration Date: 06/30/2027  
Salas O'Brien Project Number: 2550-01871-00

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