

**ELECTRICAL LIGHTING GENERAL NOTES:**

- MEP SPECIFICATIONS SHALL APPLY TO ALL WORK SHOWN ON THIS DRAWING UNLESS OTHERWISE NOTED.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE EXACT LOCATION OF ALL LIGHTING FIXTURES.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL JUNCTION BOXES IN THE JUNCTION BOX GRID AND AVAILABILITY OF ALL CIRCUITS INDICATED TO BE USED.
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING EQUIPMENT PRIOR TO CONSTRUCTION. PROVIDE CIRCUIT TRACING AS REQUIRED TO DETERMINE CIRCUIT AVAILABILITY. PROVIDE A WRITTEN REPORT TO ENGINEER AND BUILDING MANAGEMENT SHOWING LIGHTING LOCATIONS AND CIRCUIT NUMBER USED.
- ALL UNUSED WIRING IS TO BE REMOVED BACK TO SOURCE UNLESS NOTED OTHERWISE.
- CONNECT NEW FIRE ALARM DEVICES TO THE BASE BUILDING FIRE ALARM SYSTEM AS REQUIRED. EXISTING DEVICES ARE INDICATED BY THE LETTER "F" ADJACENT TO THE DEVICE SYMBOL. THE BASE BUILDING FIRE ALARM SYSTEM SEQUENCES OF OPERATION SHALL COMPLY WITH THE CITY OF HOUSTON BUILDING CODE. ALARM INITIATION BY SMOKE DETECTOR, HEAT DETECTOR, PULL STATIONS, OR BY OTHER ALARM INITIATING DEVICES SHALL CAUSE AUDIBLE AND VISIBLE ALARM SIGNALS TO OCCUR ON THE FLOOR OF INCIDENCE, THE FLOOR ABOVE AND THE FLOOR BELOW. ELEVATORS SHALL RETURN TO THEIR DESIGNATED FLOORS AND ELECTRICALLY LOCKED EGRESS DOORS SHALL RELEASE, AND ALL OTHER EVENTS REQUIRED TO COMPLY WITH THE CITY OF HOUSTON BUILDING CODE SHALL OCCUR. PROVIDE ADDITIONAL ZONING AS NEEDED TO COMPLETE THE FIRE ALARM INSTALLATION AND TO MEET REQUIRED SEQUENCES OF OPERATION.
- EGRESS AND EXIT LIGHT FIXTURES SHALL BE CONNECTED TO UNSWITCHED HOT CONDUCTOR WITH 2#10,1/2" C.
- ALL LIGHTS SHALL BE CLEANED AND RESTORED TO GOOD WORKING CONDITION. PROVIDE NEW FIXTURES TO MATCH EXISTING AS REQUIRED. RELAMP ALL FIXTURES WITH NEW LAMPS AS REQUIRED.
- INSTALL NEW ACRYLIC LENSES AS NEEDED IN LIGHT FIXTURES TO REPLACE DAMAGED LENSES.
- ALL LIGHTING FIXTURES, LAMPS AND EXIT SIGNS SHALL MATCH BASE BUILDING STANDARD UNLESS OTHERWISE NOTED.
- ALL FIRE ALARM DEVICES SHALL MATCH EXISTING.
- CONTRACTOR SHALL REFER TO BUILDING MANAGEMENT'S "RULES AND REGULATIONS" TO COMPLY WITH BUILDING STANDARDS.
- LIGHTING FIXTURES SHALL BE PROTECTED TO COMPLY WITH THE EXISTING BUILDING FLOOR/CEILING FIRE RATED ASSEMBLY.
- FOR RETURN AIR PLENUMS, ALL MATERIALS LOCATED WITHIN A RETURN AIR PLENUM SHALL BE RATED AND APPROVED FOR INSTALLATION IN A RETURN AIR PLENUM.

**ELECTRICAL POWER GENERAL NOTES:**

- MEP SPECIFICATIONS SHALL APPLY TO ALL WORK ON THIS DRAWING UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECT FOR EXACT HEIGHT AND LOCATION OF ALL FLOOR AND WALL OUTLETS.
- ALL DATA/TELEPHONE OUTLETS SHALL BE PROVIDED WITH PULL STRINGS.
- CONTRACTOR SHALL LOCATE ALL ELECTRICAL & TELEPHONE OUTLETS WITHIN THE LIMITS OF THE TENANT FURNITURE PLAN PROVIDED BY THE ARCHITECT. CONTRACTOR SHALL MARK INTENDED LOCATION OF ALL OUTLETS PRIOR TO INSTALLATION, THEN SHALL NOTIFY TENANT FOR APPROVAL BEFORE PROCEEDING.
- CONTRACTOR SHALL PROVIDE NEW CIRCUIT DIRECTORY CARD AT PANELS. CIRCUITS SHALL BE LABELED TO CORRESPOND TO THE CIRCUITS SHOWN ON THE DRAWINGS. CONTRACTOR SHALL CONNECT CIRCUITS AS REQUIRED TO COMPLY WITH THIS DRAWING.
- CONDUCTORS SHALL BE #12 AWG SOLID COPPER (THWN) IN 1/2" CONDUIT UNLESS OTHERWISE INDICATED.
- ALL OUTLETS TO BE MOUNTED VERTICALLY UNLESS OTHERWISE INDICATED.
- CONTRACTOR SHALL PROVIDE ONE PULL STRING FOR EACH VOICE OR DATA OUTLET SHOWN. WHEN VOICE AND DATA OUTLETS ARE SHOWN ADJACENT, CONTRACTOR SHALL PROVIDE ONE PULL STRING (WITH ONE WALL PENETRATION) FOR THE PAIR, UNLESS NOTED OTHERWISE. VOICE AND DATA LINES SHALL BE PULLED BY OTHERS.
- CONTRACTOR SHALL REFER TO BUILDING MANAGEMENT'S "RULES AND REGULATIONS" TO COMPLY WITH BUILDING STANDARDS.
- GANG TOGETHER, ALL NEW ELECTRICAL, TELEPHONE AND COMPUTER OUTLETS SHOWN ADJACENT TO EACH OTHER.
- VERIFY FINAL LOCATIONS FOR ROUGH-INS WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT TO BE CONNECTED.
- COORDINATE THE INSTALLATION OF ELECTRICAL MATERIALS AND EQUIPMENT ABOVE CEILINGS WITH SUSPENSION SYSTEM, MECHANICAL EQUIPMENT AND SYSTEMS, AND STRUCTURAL COMPONENTS. COORDINATE ELECTRICAL EQUIPMENT AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS.
- VERIFY MECHANICAL EQUIPMENT SWITCH AND CONNECTION REQUIREMENTS, ITEM BY ITEM, WITH THE MECHANICAL CONTRACTOR, BEFORE WIRING EQUIPMENT. RESOLVE ALL DISCREPANCIES WITHOUT FURTHER COST TO OWNER.
- FOR RETURN AIR PLENUMS, ALL MATERIALS LOCATED WITHIN A RETURN AIR PLENUM SHALL BE RATED AND APPROVED FOR INSTALLATION IN A RETURN AIR PLENUM.

SYMBOL	DESCRIPTION
	FAULT CURRENT CALCULATION RESULTS.
	CONDUIT RUN CONCEALED IN WALLS OR ABOVE CEILING. ARROW INDICATES HOMERUN TO PANEL. CONDUCTOR DESIGNATIONS ARE AS FOLLOWS: LONG HATCH INDICATES NEUTRAL, SHORT HATCH INDICATES PHASE, " " INDICATES INSULATED OR ISOLATED GROUND, " " INDICATES SWITCHLEG, AND NO HATCHES INDICATES TWO CONDUCTORS.
	PARTIAL HOME RUN. SAME AS ABOVE.
	CONDUIT RUN CONCEALED IN FLOOR SLAB, BELOW FLOOR SLAB OR BELOW GRADE. WIRING SAME AS ABOVE.
	DUPLEX RECEPTACLE OUTLET; 20 AMP, 125V, 3 WIRE, GROUNDED TYPE.
	QUADRUPLX RECEPTACLE OUTLET GANGED WITH A COMMON WALL PLATE; (2)-20 AMP, 125V, 3 WIRE, GROUNDED TYPE.
	DUPLEX RECEPTACLE OUTLET WITH GROUND FAULT INTERRUPTER; 20 AMP, 125V, 3 WIRE GROUNDED TYPE.
	JUNCTION BOX MOUNTED ABOVE ACCESSIBLE CEILING.
	JUNCTION BOX
	DISCONNECT IN A NEMA 1 ENCLOSURE, UNLESS OTHERWISE SPECIFIED. REFER TO DRAWINGS FOR AMPERAGE, PHASES, & FUSE SIZE. (IF REQUIRED)
	MOTOR STARTER / DISCONNECT IN A NEMA 1 ENCLOSURE, UNLESS OTHERWISE SPECIFIED. REFER TO DRAWINGS FOR AMPERAGE, PHASES, FUSE SIZE (IF REQUIRED), AND SIZE.
	TRANSFORMER - REFER TO DRAWINGS FOR VOLTAGE AND AMPERAGE.
	SURFACE PANELBOARD W/ NEC CLEARANCES; 120/208 VOLT.
	SURFACE PANELBOARD W/ NEC CLEARANCES; 277/480 VOLT.

**NOTES:**  
 1. ALL SYMBOLS MAY NOT BE USED ON THIS DRAWINGS.  
 2. REFER TO SPECIFICATIONS FOR MOUNTING HEIGHTS

SYMBOL	DESCRIPTION
	A SINGLE LEADER CORRESPONDS TO A SINGLE SWITCH FOR THAT LIGHTING CIRCUIT. THE SWITCH WILL HAVE A CORRESPONDING AND MATCHING DESIGNATION LETTER IF THERE ARE OTHER SWITCHES IN THE SAME ROOM.
	MULTIPLE LEADERS CORRESPOND TO MULTIPLE SWITCHES FOR THAT LIGHTING CIRCUIT. THE QUANTITY OF LEADERS CORRESPONDS TO THE QUANTITY OF SWITCHES THAT CONTROL THAT CIRCUIT. THE SWITCHES WILL HAVE A CORRESPONDING AND MATCHING DESIGNATION LETTER.

MARK	CONTROL DESCRIPTION	CONTROL DEVICES	SEQUENCE OF OPERATION
1	WALL MOUNTED VACANCY SENSING	MS-B102 (DUAL-TECHNOLOGY WALL VACANCY SENSOR)	LIGHT FIXTURES IN THIS ROOM ARE TO BE MANUAL-ON/ AUTO-OFF CONTROLLED BY THE WALL MOUNTED VACANCY SENSOR SWITCH.
2B	CEILING MOUNTED VACANCY SENSING	PJ2-2B-GXX-L01 (WIRELESS REMOTE SWITCH) LRF2-OCR2B-P (WIRELESS CEILING VACANCY SENSOR) RMJS-16R-DV-B (RELAY POWER PACK WITH WIRELESS RECEIVER)	LIGHT FIXTURES IN THIS ROOM ARE TO BE MANUAL-ON/ AUTO-OFF CONTROLLED BY THE RELAY POWER PACK WITH WIRELESS RECEIVER; RECEIVING INPUTS FROM THE WIRELESS CEILING MOUNTED VACANCY SENSOR & THE WIRELESS REMOTE SWITCH.
2C	CEILING MOUNTED OCCUPANCY SENSING	PJ2-2B-GXX-L01 (WIRELESS REMOTE SWITCH) LRF2-OCR2B-P (WIRELESS CEILING OCCUPANCY SENSOR) RMJS-16R-DV-B (RELAY POWER PACK WITH WIRELESS RECEIVER)	LIGHT FIXTURES IN THIS ROOM ARE TO BE AUTO-ON/ AUTO-OFF CONTROLLED BY THE RELAY POWER PACK WITH WIRELESS RECEIVER; RECEIVING INPUTS FROM THE WIRELESS CEILING MOUNTED OCCUPANCY SENSOR & THE WIRELESS REMOTE SWITCH.

THIS CONTROL SCHEDULE IS INTENDED TO PROVIDE GENERAL LIGHTING CONTROL DEVICE QUALITY AND PERFORMANCE REQUIREMENTS ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN THE EXACT MODEL/CATALOG NUMBER OF THE LIGHTING CONTROL DEVICES LISTED ABOVE. THIS LIGHTING CONTROL DESIGN IS BASED ON LUTRON LIGHTING CONTROL DEVICES. CONTRACTOR MUST SUBMIT ANY SUBSTITUTION OF AN APPROVED MANUFACTURER TO THE ENGINEER FOR REVIEW.

Label	Mounting	Lamp	Description	Luminaire Watts	Voltage
A1	RECESSED	LED	NEW WILLIAMS FT-24-LS-8CS-AF-DIM-UNV , RECESSED 2'X4' LENSED FIXTURE.	27.0	120
A1E	RECESSED	LED	SAME AS ABOVE WITH 90-MINUTE BATTERY PACK	27.0	120
A2	RECESSED	LED	NEW WILLIAMS FT-24-LS-8CS-AF-DIM-UNV , RECESSED 2'X4' LENSED FIXTURE.	39.0	120
A2E	RECESSED	LED	SAME AS ABOVE WITH 90-MINUTE BATTERY PACK	39.0	120
D	RECESSED	LED	WILLIAMS 6DR-TL-L20/840-DIM-UNV-LW-OF-WH-AD-WET/CC-N-FI	20.0	120
L	SURFACE	LED	T.B.D. LED TAPE LIGHT	7W./FT. MAX.	120
X	SURFACE	LED	NEW E-CONOLIGHT #E-XP2GBW EXIT SIGN WITH 90-MINUTE BATTERY PACK. MATCH EXISTING AND DIRECTIONAL ARROWS AS SHOWN ON PLANS.	<5	120
EX	SURFACE	LED	EXISTING E-CONOLIGHT #E-XP2GBW EXIT SIGN WITH 90-MINUTE BATTERY PACK	<5	120

THIS FIXTURE SCHEDULE IS INTENDED TO PROVIDE GENERAL LIGHTING FIXTURE QUALITY AND PERFORMANCE REQUIREMENTS ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN THE EXACT MODEL/CATALOG NUMBER OF THE LIGHTING FIXTURES LISTED ABOVE. ANY DIFFERENCES BETWEEN THIS LIGHTING FIXTURE SCHEDULE AND ARCHITECTURAL DRAWINGS OR MANUFACTURERS PRODUCT LISTINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER. FLUORESCENT LIGHTS THAT ARE SHOWN WITH DIMMER CONTROL SHALL BE PROVIDED WITH AN ELECTRONIC DIMMING BALLAST. FLUORESCENT LIGHTS NOT SHOWN DIMMED SHALL HAVE A NON-DIMMING ELECTRONIC BALLAST. ALL LAMPS SHALL MATCH BUILDING STANDARD.



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 Lumberton, Texas 77657

ISSUED FOR	DATE
ISSUED FOR CLIENT APPROVAL	
ISSUED FOR BIDDING	04/30/2026
ISSUED FOR PERMIT	04/30/2026
ISSUED FOR CONSTRUCTION	

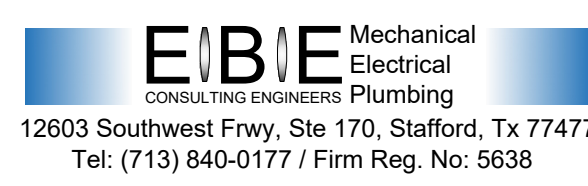
MARK	DESCRIPTION	DATE
	REVIEW SET	03-27-2026
	90% REVIEW SET	04-13-2026
	BID AND PERMIT	04-30-2026

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DESIGN TEAM	
PM:	JG
MECHANICAL:	CC
ELECTRICAL:	JG
PLUMBING:	JG
CHECKED-BY:	JG

**DRAWING TITLE**  
**ELECTRICAL INFORMATION**

SHEET NO.	E-1.00
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04/30/2026