

LIGHTING FIXTURE SCHEDULE									
SYMBOL	MANUFACTURER	CATALOG NO.	LAMPS			MOUNTING	HEIGHT	REMARKS	
			NO.	WATTS	TYPE			CHAIN	VERIFY
DP	---	(INCLUDE \$2,000 ALLOWANCE)	6	10	CAND. L.E.D.	CHAIN	VERIFY	DECORATIVE PENDANT CHANDELIER, SEE NOTES 5 & 6	
EM	EVENLITE	TEBL2W-SD	2	3	L.E.D.	WALL	8'	DOUBLE HEAD EMERGENCY LIGHT, SELF-DIAGNOSTIC	
EMW	EVENLITE	WLEM-BZ-CT	-	-	L.E.D.	WALL	8'	WEATHERPROOF OUTDOOR EMERGENCY LIGHT, COLD TEMP.	
LP	AAL	PR4-4R14-226-14-XX/BC8-4-XX	-	75	L.E.D.	POLE	14'	CAST ALUMINUM LANTERN ON ROUND ALUMINUM POLE WITH DECORATIVE CLAMSHELL BASE, COLOR TO BE SELECTED BY ARCHITECT, SURGE PROTECTION ON LANTERN, TYPE 4 DISTRIBUTION	
LSS	COLUMBIA	LCL4-35ML-ED1U-PAF-LCLWG	-	42	L.E.D.	CHAIN	VERIFY	SUSPENDED 4' STRIP, MEDIUM LUMENS, 3500K, PAINT AFTER FAB, FROST LENS	
LSW	COLUMBIA	LCL4-40LW-EU-PAF	-	19	L.E.D.	WALL	VERIFY	WALL MOUNTED 4' STRIP, 2616 LUMENS, 4000K, PAINT AFTER FAB, FROST LENS	
R6E	PRESCOLITE	LF6SL-DM1/6LFSL-15L-40K	-	20	L.E.D.	RECESS	CEILING	6" L.E.D. DOWNLIGHT, 1500 LUMEN, 4000K, 90 CRI	
R6L	PRESCOLITE	LF6SL-DM1/6LFSL-11L-35K-B24	-	14	L.E.D.	RECESS	CEILING	6" L.E.D. DOWNLIGHT, 1100 LUMEN, 3500K, 90 CRI	
R6LB	PRESCOLITE	LF6SL-DM1-EM/6LFSL-11L-35K-EM-B24	-	14	L.E.D.	RECESS	CEILING	SAME AS R6L, WITH EMERGENCY BATTERY PACK	
R6M	PRESCOLITE	LF6SL-DM1/6LFSL-15L-35K-B24	-	20	L.E.D.	RECESS	CEILING	6" L.E.D. DOWNLIGHT, 1500 LUMEN, 3500K, 90 CRI	
R8H	PRESCOLITE	LF8SL-DM1/8LFSL-20L-40K	-	25	L.E.D.	RECESS	CEILING	8" L.E.D. DOWNLIGHT, 2000 LUMEN, 4000K, 90 CRI	
SL	SPI LTG	EEW11922-L31W-40K-BRK	-	31	L.E.D.	WALL	VERIFY	8 FOOT DIRECTIONAL SIGN LIGHT	
T2L	HUBBELL	LCAT22-935MLG-ED1U	-	29	L.E.D.	RECESS	CEILING	2X2 L.E.D. CONTEMP. TROFFER, 2888 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI	
T2LB	HUBBELL	LCAT22-935MLG-ED1U-ELL14	-	29	L.E.D.	RECESS	CEILING	SAME AS T2L, WITH EMERGENCY BATTERY PACK	
T2M	HUBBELL	LCAT22-935HLG-ED1U	-	32	L.E.D.	RECESS	CEILING	2X2 L.E.D. CONTEMP. TROFFER, 3190 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI	
T2MB	HUBBELL	LCAT22-935HLG-ED1U-ELL14	-	32	L.E.D.	RECESS	CEILING	SAME AS T2M, WITH EMERGENCY BATTERY PACK	
T2V	HUBBELL	LCAT22-935VLG-ED1U	-	39	L.E.D.	RECESS	CEILING	2X2 L.E.D. CONTEMP. TROFFER, 4381 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI	
T4H	HUBBELL	LCAT24-935VLG-ED1U	-	58	L.E.D.	RECESS	CEILING	2X4 L.E.D. CONTEMP. TROFFER, 6007 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI	
T4HB	HUBBELL	LCAT24-935VLG-ED1U-ELL14	-	58	L.E.D.	RECESS	CEILING	SAME AS T4H, WITH EMERGENCY BATTERY PACK	
T4L	HUBBELL	LCAT24-935MLG-ED1U	-	39	L.E.D.	RECESS	CEILING	2X4 L.E.D. CONTEMP. TROFFER, 4150 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI	
T4LB	HUBBELL	LCAT24-935MLG-ED1U-ELL14	-	39	L.E.D.	RECESS	CEILING	SAME AS T4L, WITH EMERGENCY BATTERY PACK	
T4M	HUBBELL	LCAT24-935HLG-ED1U	-	43	L.E.D.	RECESS	CEILING	2X4 L.E.D. CONTEMP. TROFFER, 4913 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI	
T4MB	HUBBELL	LCAT24-935HLG-ED1U-ELL14	-	43	L.E.D.	RECESS	CEILING	SAME AS T4M, WITH EMERGENCY BATTERY PACK	
T4V	HUBBELL	LCAT24-935XLG-ED1U	-	75	L.E.D.	RECESS	CEILING	2X4 L.E.D. CONTEMP. TROFFER, 7207 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI	
T4VB	HUBBELL	LCAT24-935XLG-ED1U-ELL14	-	75	L.E.D.	RECESS	CEILING	SAME AS T4V, WITH EMERGENCY BATTERY PACK	
UC1	PROGRESS	P7012-30	-	6.5	L.E.D.	SURFACE	CABINET	12" UNDER CABINET FIXTURE, 3000K	
UC2	PROGRESS	P7013-30	-	12	L.E.D.	SURFACE	CABINET	24" UNDER CABINET FIXTURE, 3000K	
XC	EVENLITE	SOV-EM-G-1C-BA-RC-UC	-	-	L.E.D.	SURFACE	CEILING	EDGE LIT EXIT SIGN, GREEN LETTERS, BATTERY, CEILING	
XW	EVENLITE	SOV-EM-G-1M-BA-SW-UC	-	-	L.E.D.	WALL	VERIFY	EDGE LIT EXIT SIGN, GREEN LETTERS, BATTERY, CEILING	

**FIXTURE SCHEDULE NOTES:**

- FIXTURES SHALL BE FURNISHED COMPLETE WITH ALL LAMPS AND MOUNTING HARDWARE.
- EMERGENCY BALLASTS SHALL BE FACTORY INSTALLED.
- EQUAL, IDENTICAL FIXTURES WILL BE CONSIDERED.
- SEE ARCHITECTURAL FINISH SCHEDULE FOR CEILING TYPES. COORDINATE FIXTURE MOUNTINGS WITH CEILING TYPES.
- CONTRACTOR SHALL INCLUDE AN ALLOWANCE OF \$2,000 IN HIS BID PRICE FOR PURCHASING THE "DP" FIXTURE. CONTRACTOR MARKUP NOT INCLUDED.
- CONTRACTOR SHALL INCLUDE FIXTURE ASSEMBLY, FIXTURE MOUNTING, AND CANDELABRA L.E.D. LAMPS IN 3500 DEGREE KELVIN.

**FIRE ALARM NOTES:**

- A NEW ADDRESSABLE FIRE ALARM SYSTEM SHALL BE INSTALLED AS SHOWN.
- FIRE ALARM SYSTEM SHALL BE CONNECTED SO THAT ACTIVATION OF ANY SMOKE DETECTOR OR PULL STATION SHALL INITIATE HORNS AND STROBES.
- THE ENTIRE SYSTEM SHALL BE INSTALLED AND WIRED BY A TECHNICIAN EXPERIENCED IN INSTALLATION OF FIRE ALARM SYSTEMS.
- THE CONTRACTOR SHALL FURNISH THE ARCHITECT A LETTER CERTIFYING THAT THE SYSTEM HAS BEEN PROPERLY INSTALLED, CHECKED, AND PROVEN TO BE IN PROPER ORDER.
- THE SYSTEM SHALL BE WIRED USING PLENUM CABLE RATED FOR FIRE ALARM SYSTEM USE. CONDUIT SHALL BE INSTALLED WHERE CABLES PENETRATE WALLS OR ARE ROUTED IN AREAS WITH NO CEILING.
- THE FIRE ALARM CERTIFICATION REPORT SHALL BE IN ACCORDANCE WITH NFPA 72 AND SUBMITTED AT COMPLETION OF THE PROJECT.
- THE SYSTEM SHALL BE REMOTELY MONITORED VIA UL LISTED WIRELESS SIGNALING OR TELEPHONE SYSTEM.
- WIRING SHALL CONFORM TO NFPA 72 AND IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AS IS NECESSARY TO PERFORM THE REQUIRED FUNCTION.
- WIRING SHALL BE COLOR CODED AND COLOR CODING SHALL BE UNIFORM THROUGHOUT PROJECT.
- TYPICAL MOUNTING HEIGHTS:  
PULL STATIONS ---- 4'-0" A.F.F. (MAX)  
STROBE LIGHTS ---- 6'-8" A.F.F.  
HORN/STROBES ---- 6'-8" A.F.F.
- ALL EXPOSED CONDUIT SHALL BE INSTALLED IN A NEAT MANNER. ALL CABLING IN EXPOSED LOCATIONS SHALL BE IN CONDUIT.
- DUCT MOUNTED SMOKE DETECTORS SHALL BE PHOTOELECTRIC TYPE AND SHALL BE CONNECTED TO INITIATE A GENERAL FIRE ALARM AND SHUT DOWN THE ASSOCIATED AIR HANDLER. REMOTE TEST AND ALARM PLATES SHALL BE PROVIDED AS NEEDED AND SPECIFIED.
- DUCT SMOKE DETECTOR LOCATIONS SHALL BE PERMANENTLY AND CLEARLY IDENTIFIED IN ACCORDANCE WITH NFPA 72-5.16.5.4.

**GENERAL ELECTRICAL NOTES:**

- ELECTRIC WATER COOLER RECEPTACLES INDICATED BY "EWC" SHALL BE LOCATED AS REQUIRED TO CONCEAL THE RECEPTACLE BELOW THE WATER COOLER ASSEMBLY. COORDINATE WITH PLUMBING TRADE. MAKE GFCI RESET BUTTON ACCESSIBLE.
- FLEXIBLE CONDUIT INSTALLED OUT-OF-DOORS OR IN ANY NORMALLY WET AREAS SHALL BE LIQUID TIGHT FLEXIBLE METAL WITH SUITABLE FITTINGS.
- DO NOT MOUNT OUTLETS BACK-TO-BACK. THEY MUST BE IN SEPARATE STUD SPACES.
- CONDUITS SHALL PASS THROUGH WALLS AT 90 DEGREE ANGLES AND SHALL BE RUN PARALLEL OR PERPENDICULAR TO WALLS.
- BRANCH CIRCUITS AND HOMERUNS SHALL BE #12 WIRE AND 1/2" CONDUIT MINIMUM. EVERY CONDUIT SHALL HAVE A GROUND WIRE (#12 MINIMUM). THIS INCLUDES RECEPTACLE, SWITCH, LIGHT FIXTURE, AND HVAC CIRCUITS.
- NO MORE THAN 3 PHASE CONDUCTORS MAY BE INSTALLED IN ONE CONDUIT UNLESS NOTED OTHERWISE. N.E.C. REQUIRED DE-RATING SHALL APPLY WHERE MORE THAN 3 PHASE CONDUCTORS ARE ROUTED TOGETHER.
- ALL RECEPTACLES, SWITCHES, ETC. SHALL BE IN A COLOR AS SELECTED BY THE ARCHITECT.
- MOUNTING HEIGHTS OF WALL OUTLETS ABOVE FINISHED FLOOR SHALL BE AS INDICATED IN THE LEGEND AND IN THE FOLLOWING TABLE UNLESS NOTED OTHERWISE ON THE PLANS (MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE):  
SWITCHES (GENERAL) -----4'-0"  
RECEPTACLES (GENERAL) ----- 1'-6"  
BATH BRACKETS ----- 6'-6"  
TELEPHONE OUTLETS ----- 1'-6"
- MAINTAIN N.E.C. MINIMUM CLEARANCE IN FRONT OF ALL PANELBOARDS.
- ALL UNDERGROUND CONDUIT RUNS ENTERING THE BUILDING SHALL BE SEALED TO PREVENT THE ENTRANCE OF MOISTURE AND GASES.
- CONDUIT FOR RECEPTACLE CIRCUITS SHALL BE RUN OVERHEAD UNLESS NOTED OTHERWISE.
- PROVIDE CONDUIT AND OUTLET BOXES AS REQUIRED FOR THERMOSTATS. THERMOSTATS ARE SHOWN ON MECHANICAL DRAWINGS.
- CONTRACTOR SHALL FOLLOW DRAWING PANEL SCHEDULES TO THE LETTER. NO SUBSTITUTIONS ARE ALLOWED. CIRCUIT NUMBERS SHALL MATCH CIRCUITS SHOWN ON LIGHTING & POWER PLANS. DIRECTORY CARDS SHALL BE NEATLY TYPED AND REFLECT PANEL SCHEDULES. PANEL CIRCUIT NUMBERS SHALL BE PERMANENT NOT STICK-ON, AND PANEL NAMEPLATES SHALL BE SCREW MOUNTED NOT STICK-ON.

**DATA/SECURITY/SURVEILLANCE SYSTEM NOTES**

- CABLING AND DEVICES FOR DATA, TELEPHONE, INTRUSION DETECTION, SURVEILLANCE, ETC. WILL BE FURNISHED OUTSIDE OF THE CONTRACT.
- CONTRACTOR SHALL PROVIDE ROUGH-IN AS INDICATED.

**ELECTRICAL SPECIFICATIONS**

- All Electrical work shall comply with National Electric Code and all local regulations.
- Conduit for branch circuit inside building and above the floor may be THIN Wall Metal (EMT).
- Conduit exposed to weather shall be rigid metal or weatherproof flexible metallic conduit.
- Conduit installed underground or in the slab shall be schedule 40 PVC.
- Wire #4 and larger shall be copper type RHW/USE OR XHHW. Wire smaller than #4 shall be copper type THHN/THWN.
- All grounding shall, as a minimum, comply with the National Electrical Code. Grounding in addition to that required by the NEC shall be completed as shown on the drawings.
- Scope Work Included:**
  - Install complete system of electrical wiring to each lighting fixture, receptacle and switch outlet.
  - Install all lighting fixtures and other electrical equipment covered by this section of specifications and electrical drawings.
  - Provide a new fire alarm system as shown.
  - Provide a rough-in for data cabling, telephone, and security systems.
  - Install empty conduit for thermostat and control circuits as required.
  - Install all power wiring and make electrical connections to heating, air conditioning, ventilation and other electric consuming equipment that is furnished and installed by other trades. Proper starter(s) and interior controls, including control wiring, shall be furnished with equipment with all wiring brought out to junction box or terminal block. Electrical Contractor to furnish proper disconnect switch where required as shown and make proper connections to unit.
  - See separate book of specifications for additional and more detailed requirements.
- Fees and Permits**  
This Contractor shall pay additional cost that may be incurred by other trades due to the installation of equipment or material, covered by this section of specifications and electrical plans, which differ from that specified.  
This Contractor shall secure all licenses and permits and pay all fees required for completion of work under this section of the specifications.

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**ELECTRICAL LEGEND**

LS1	3	STRIP OR SURFACE FIXTURE, "LS1" DESIGNATES FIXTURE SYMBOL, "3" INDICATES CIRCUIT NUMBER
○		2' X 4' L.E.D. RECESSED FIXTURE (BATTERY PACK WHEN CENTER DARKENED)
○		2' X 2' L.E.D. RECESSED FIXTURE (BATTERY PACK WHEN CENTER DARKENED)
▭		8' L.E.D. WALL MOUNTED FIXTURE
⊕		CHAIN MOUNTED L.E.D. CHANDELIER FIXTURE
○		RECESSED L.E.D. CAN FIXTURE
⊕		DUAL HEAD L.E.D. EMERGENCY FIXTURE
⊕		DUAL HEAD EXTERIOR L.E.D. EGRESS FIXTURE
⊕		CEILING MOUNTED EXIT FIXTURE, FACE AS SHOWN DARKENED, ARROW INDICATE DIRECTION
⊕		WALL MOUNTED EXIT FIXTURE, FACE AS SHOWN DARKENED
☀		LIGHT POLE FIXTURE
S		SINGLE POLE, 20A 120/277V SILENT TYPE TOGGLE SWITCH
S <sub>3</sub>		THREE WAY, 20A 120/277V SILENT TYPE TOGGLE SWITCH
S <sub>M</sub>		MANUAL MOTOR STARTER WITH THERMAL OVERLOADS
⊕		20A, 125V DUPLEX RECEPTACLE, SPECIFICATION GRADE
⊕	GFI	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTING (WEATHERPROOF WHERE INDICATED)
⊕	EWC	ELECTRIC WATER COOLER RECEPTACLE CONCEALED BELOW COOLER
⊕		DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP
⊕		DOUBLE DUPLEX RECEPTACLE, SPECIFICATION GRADE
○		CEILING MOUNTED JUNCTION BOX
○		WALL OR EQUIPMENT MOUNTED JUNCTION BOX
⊕		BRANCH CIRCUIT RUN IN CEILING OR WALLS. PROVIDE GROUND WIRE IN EACH CONDUIT. NUMBER OF WIRES AS SHOWN (THREE SHOWN HERE PLUS GROUND [IMPLIED]). CONDUIT SHALL BE 1/2" MINIMUM. WIRE SHALL BE #12 COPPER MINIMUM. WIRE FILL PER N.E.C.
⊕	P2A-61.63	HOMERUN TO PANELBOARD. SEE SCHEDULE FOR BREAKER SIZE.
⊕		CIRCUIT ROUTED UNDERGROUND OR UNDER CONCRETE SLAB
▭		LIGHTING & APPLIANCE PANELBOARD, SURFACE MOUNTED
WP		FUSIBLE, HEAVY DUTY, WEATHERPROOF DISCONNECT, 250 VOLT, SIZED WITH BREAKER
⊕	EF	EXHAUST FAN CONNECTION
⊕	WH	WATER HEATER CONNECTION
⊕	M	MOTOR CONNECTION
⊕	HP-1	CONDENSING UNIT CONNECTION
⊕	AHU-1	INDOOR HEAT PUMP CONNECTION
⊕		TELE/DATA COMBO OUTLET BOX, (C) INDICATES COUNTER HEIGHT
⊕		TELEPHONE OUTLET AT 48" A.F.F.
▭		TELE/DATA BACK BOARD
⊕		ROUGH-IN FOR SECURITY SYSTEM PANIC BUTTON
⊕	FACP	FIRE ALARM SYSTEM CONTROL PANEL
⊕	AV	FIRE ALARM SYSTEM STROBE/HORN COMBINATION
⊕	V	FIRE ALARM SYSTEM STROBE ONLY
⊕	P	FIRE ALARM SYSTEM PULL STATION
⊕		FIRE ALARM SYSTEM SMOKE DETECTOR
⊕	DD	FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR
⊕		FIRE ALARM SYSTEM HEAT DETECTOR

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BRANCH BANK FOR  
TRADERS AND FARMERS BANK  
DOUBLE SPRINGS, ALABAMA

Date 11/30/17  
Revised  
Drawn RAR/ABL  
Checked JBL

Drawing Title  
**FIXTURE SCHEDULE + NOTES**

Drawing Number  
**E-6**  
Of 8