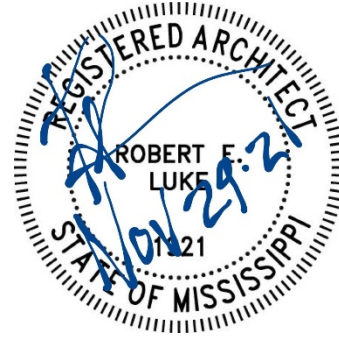


ADDENDUM NO. 5

THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND HEREBY MODIFIES THE ORIGINAL CONSTRUCTION DOCUMENTS DATED OCTOBER 18, 2021 RESPECTIVELY.

NAME OF COMPANY

BY



CLARIFICATION

- Item #1** Feeder Circuits #1/0 and larger may utilize aluminum conductors per Section 260519 of the Specifications.
- Item #2** Branch Circuits routed above accessible ceilings may be run in Type MC cable per Section 260519 of the Specifications.
- Item #3** Switchboard and panelboard bussing and dry-type transformer windings may be aluminum.

PROJECT MANUAL

- Item #4** **SECTION 260519 LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS**
REPLACE: Section in its entirety.

DRAWINGS

- Item #5** **SHEET EA001 – ELECTRICAL ADDENDUM ITEMS**
REPLACE: Sheet EA001 - Revision No. 3 (Addendum No. 5) dated 11/29/2021

END OF ADDENDUM NO. 5

**SECTION 260519
LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS**

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. Copper Conductors, rated 600V or less.
2. Aluminum Conductors, rated 600V or less.
3. Metal-Clad Cable, Type MC, rated 600V or less.
4. Connectors, Splices and Terminations rated 600V or less.

B. Related Sections:

1. Division 7 Section "Penetration Firestopping".

1.2 REFERENCES

- A. ANSI/IEEE C2 - National Electrical Safety Code.
- B. ANSI/NFPA 70 - National Electrical Code.
- C. ANSI/UL 467 - Grounding and Bonding Equipment.
- D. ASTM B 1 - Standard Specification for Hard-Drawn Copper Wire.
- E. ASTM B 8 - Standard Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft.
- F. ASTM B800 - Standard Specification for 8000 Series Aluminum Alloy Wire for Electrical Purposes - Annealed and Intermediate Tempers.
- G. ASTM B801 - Standard Specification for Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy for Subsequent Covering or Insulation.
- H. NEMA WC 3 - Rubber-Insulated Wire and Cable for the Transmission and Distribution of Electrical Energy (ICEA S-19-81).
- I. NEMA WC 5 - Thermoplastic-Insulated Wire and Cable for the Transmission and Distribution of Electrical Energy (ICEA S-61-402).
- J. UL 44 - Thermoset-Insulated Wires and Cables.
- K. UL 83 - Thermoplastic-Insulated Wires and Cables.
- L. UL 486A-486B - Wire Connectors.
- M. UL 486C - Splicing Wire Connectors.
- N. UL 486D - Standard for Insulated Wire Connector Systems for Underground Use or in Damp or Wet Locations.
- O. UL 1569 - Metal-Clad Cables.
- P. UL 2196 - Standard for tests for Fire Resistive Cables.

1.3 DEFINITIONS

- A. Branch Circuit: An electrical power circuit consisting of the overcurrent protection device, the power and equipment grounding conductors, the raceway system, the safety disconnect device (when required by Code) and the final connection to the outlet, device or equipment.
- B. Branch Circuit Homerun: The power and equipment grounding conductors and associated raceways connecting the branch circuit overcurrent device(s) to an outlet box for electrical connection to a device or equipment or to a homerun junction box for separation of the individual branch circuit conductors for routing to their respective loads when conductors for multiple branch circuits are combined in the same raceway.
- C. Homerun Junction Box: A junction or outlet box in a branch circuit raceway system where all of the associated branch circuit conductors are combined into a single raceway for routing to the serving electrical distribution equipment. A Homerun Junction Box shall be located in an accessible location as close to the connected outlets, devices and equipment served by the associated branch circuits as reasonably possible.

1.4 SUBMITTALS

- A. Refer to Section 260500 "General Requirements for Electrical Systems" for additional requirements.
- B. Product Data:
 - 1. Listed Manufacturer: None Required.
 - 2. Proposed Equal Manufacturer: For each type of proposed product.
 - 3. Copper to Aluminum conductor cross-reference sizing chart.

1.5 SUBMITTALS FOR CLOSE-OUT

- A. Field Acceptance Test Reports on installed low-voltage power conductors.

1.6 DELIVERY, STORAGE & HANDLING

- A. Visually inspect conductors prior to installation and during installation for damage and signs of mis-handling.
- B. Store in a clean, dry space. Protect from dirt, fumes, water, corrosive substances and construction debris.

PART 2 - PRODUCTS

2.1. MANUFACTURERS

- A. Southwire Company
- B. General Cable Corporation
- C. Alcan Products Corporation; Alcan Cable Division
- D. American Insulated Wire Corporation; a Leviton Company
- E. Approved Equal.

2.2 COPPER CONDUCTORS

- A. Description: Flexible, insulated and uninsulated, drawn copper current-carrying conductor with an overall insulation layer or jacket, or both, rated 600V or less.
- B. Standards:
 - 1. Listed and labeled as defined in NFPA 70 (NEC) by a qualified testing agency and marked for intended location and use.
 - 2. Conductor and Cable Marking: Comply with wire and cable marking according to UL's "Wire and Cable Marking and Application Guide."
- C. Conductors: Copper, complying with ASTM B 3 for bare annealed copper and with ASTM B 8 for stranded conductors.
- D. Insulation:
 - 1. Type THHN and Type THWN-2: Comply with UL 83.
 - 2. Type XHHW-2: Comply with UL 44.

2.3 ALUMINUM CONDUCTORS

- A. Description: Flexible, insulated and uninsulated, drawn aluminum current-carrying conductor with an overall insulation layer or jacket, or both, rated 600V or less.
- B. Standards:
 - 1. Listed and labeled as defined in NFPA 70 (NEC) by a qualified testing agency and marked for intended location and use.
 - 2. Conductor and Cable Marking: Comply with wire and cable marking according to UL's "Wire and Cable Marking and Application Guide."
- C. Conductors: Aluminum, complying with ASTM B 800 and ASTM B 801.

D. Insulation:

1. Type THHN and Type THWN-2: Comply with UL 83.
2. Type XHHW-2: Comply with UL 44.

2.4 METAL-CLAD CABLE, TYPE MC

A. Description: A factory assembly of one or more current-carrying insulated conductors in an overall metallic sheath.

B. Standards:

1. Listed and labeled as defined in NFPA 70 (NEC) by a qualified testing agency and marked for intended location and use.
2. Comply with UL 1569.
3. Conductor and Cable Marking: Comply with wire and cable marking according to UL's "Wire and Cable Marking and Application Guide."

C. Circuits: Single and multi-circuit with color-coded conductors. Color coding shall be the same as specified in Section 260533.

D. Conductors: Copper, complying with ASTM B 3 for bare annealed copper and with ASTM B 8 for stranded conductors.

E. Ground Conductor: Insulated, green.

F. Conductor Insulation:

1. Type THHN and Type THWN-2: Comply with UL 83.
2. Type XHHW-2: Comply with UL 44.

G. Armor: Steel, interlocked.

2.5 CONNECTORS & SPLICES

A. Description: Factory-fabricated connectors, splices and lugs of size, ampacity rating, material, type and class for application and service indicated; compatible with indicated conductors; listed and labeled as defined in NFPA 70 (NEC) by a qualified testing agency and marked for intended location and use.

B. Lugs: One piece, seamless, compatible with indicated conductor.

1. Material: Copper or Aluminum.
2. Type: One or two hole with standard barrel as required for termination.
3. Termination: Compression.

PART 3 - EXECUTION

3.1 CONDUCTOR MATERIAL APPLICATIONS

- A. All power conductors shall be copper.

Exception: Feeder circuit phase and neutral conductors #1/0 AWG and larger may be Aluminum. All equipment grounding conductors shall be copper.

1. Conductor sizes indicated on the Drawings are for copper conductors. Substituted aluminum conductors shall have same 75-degree C ampere rating or higher ampere rating as specified copper conductors.
2. Contractor shall be responsible for upsizing specified feeder circuit conduits as required for the use of aluminum conductors.

- B. Conductors #10 AWG and smaller shall be solid. Conductors #8 AWG and larger shall be stranded. All final connections to motors and vibrating equipment shall be made with stranded conductors.

- C. Minimum Conductor Sizes shall be as follows:

1. Power Conductors: #12 AWG minimum.
2. Control/Signal Systems: #14 AWG minimum unless indicated otherwise.

- D. Branch Circuit Wiring Length Limitations:

1. 208Y/120V Branch Circuits over 100 feet in Length: Increase conductor size one size for each 100 feet of length. Increase raceway size as required in compliance with NFPA 70 (NEC).
2. 480Y/277V Branch Circuits over 150 feet in Length: Increase conductor size one size for each 150 feet of length. Increase raceway size as required in compliance with NFPA 70 (NEC).

- E. Conductor sizes indicated on the drawings and herein specified are for copper conductors. Where aluminum conductors are allowed, provide aluminum conductors with same 75 degree C ampacity rating per NFPA 70 (NEC) as indicated copper conductors or as indicated on the drawings.

1. Provide with product data submittal a cross-referenced tabulated chart indicating specified copper conductor sizes and ampere ratings and proposed substitution aluminum conductor sizes and ampere ratings.

3.2 CONDUCTOR INSULATION APPLICATIONS

- A. Electrical Service Entrance: Type THHW, THWN, XHHW-2, rated 90°C for wet locations, single conductor in raceway.
- B. Underground Feeder Circuits: Type THWN-2, rated 90°C for wet locations, single conductor in raceway.
- C. Feeder Circuits: Type THHN/THWN-2, rated 90°C for dry and wet or damp locations, single conductor in raceway.
- D. Branch Circuits: Type THHN/THWN-2, rated 90°C for dry and wet or damp locations, single conductor in raceway
- E. Cord Drops and Portable Appliance Connections: Type SO, hard service cord with stainless steel, wire-mesh, strain relief device at terminations to suit application.

3.3 APPLICATION OF TYPE MC CABLE

- A. Where permitted by NFPA 70 (NEC).
- B. For branch circuits with #8 AWG and smaller conductors located above accessible ceilings. Exception: All homeruns shall be installed using conduits and conductors.

3.4 INSTALLATION OF CONDUCTORS

- A. All power conductors shall be installed in conduit and raceway systems unless specifically indicated otherwise.
- B. Install conductors only after:
 - 1. Building interior is enclosed and weather-tight.
 - 2. Raceway system installation, connection, termination and support is complete.
 - 3. Mechanical work likely to damage conductors has been completed.
- C. Use manufacturer-approved pulling compound or lubricant where necessary. Compound used shall not deteriorate conductor or insulation. Do not exceed manufacturer's recommended maximum pulling tensions and sidewall pressure values.
- D. Use pulling means, including fish tape, cable, rope and basket-weave wire/cable grips, that will not damage cables or raceway.
- E. Support cables and conductors according to Section 260529 "Hangers and Supports for Electrical Systems."

- F. All 120V and 277V branch circuits shall have dedicated neutral conductor of same size as associated phase conductors.
- G. Neatly train and lace conductors inside boxes, equipment and panelboards.
- H. Branch Circuit Homeruns shall not exceed the number of circuits and conductors indicated on the drawings.
- I. Wiring at Outlets: Install conductors at each outlet with a minimum of 6 inches of slack.
- J. Provide crimp type lug on conductors where stranded conductors are terminated. Do not place bare stranded conductors directly under screw-type terminals.

3.5 CONNECTORS, SPLICES & TERMINALS

A. Connectors:

- 1. Except where equipment is furnished with bolted or screw type lug, use compression set pressure connectors with insulating covers. Use compression tools and die compatible with the connectors being installed.
- 2. When allowed, use compression-set type with application of insulating tape, pre-stretched or heat-shrinkable insulating tubing for splices and taps of #8 AWG conductors and larger. Install with hydraulic compression tool.
- 3. Use pre-insulated "twist-on" connectors (wire nuts) with integral spring for splices and taps of #10 AWG conductors and smaller. Push-on type connectors shall not be used.
- 4. Tighten electrical connections and terminals according to manufacturer's published torque-tightening values. If manufacturer's torque values are not indicated, use those specified in UL 486A and UL 486B.

B. Splices:

- 1. Make splices, terminations and taps that are compatible with conductor material and that possess equivalent or better mechanical strength and insulation ratings than unspliced conductors.
- 2. Make splices and connections in accessible boxes, gutters or cabinets only.
- 3. Conductors #8 AWG and larger shall be spliced only with specific approval from the Professional.

C. Terminals:

1. Eye type crimped terminal for removable screw type terminal. Forked torque terminal when terminal screw can not be removed.
2. Train wires to eliminate fanning of strands, crimp with proper tool and die.
3. Torque screw termination per manufacturer's recommended values.

D. Use oxide inhibitor in each splice, termination and tap for aluminum conductors.

3.6 IDENTIFICATION

A. Conductors of 600V and less electrical service entrances, feeder circuits and branch circuits shall have conductor insulation colors as listed below.

1. Where conductor type, size, etc. does not allow specified insulation colors, conductors shall be identified using products specified in Section 260553 "Electrical Systems Identification" at each accessible location and termination.

B. Color coding for 480/277V Circuits:

1. Phase A: Brown, Phase B: Orange; Phase C: Yellow
2. Neutral Conductor: Gray
 - a. Dedicated Neutral to Phase A: Gray with Brown tracer.
 - b. Dedicated Neutral to Phase B: Gray with Orange tracer.
 - c. Dedicated Neutral to Phase C: Gray with Yellow tracer.
3. Equipment Ground: Green

C. Color coding for 208/120V Circuits:

1. Phase A: Black, Phase B: Red; Phase C: Blue
2. Neutral Conductor: White
 - a. Dedicated Neutral to Phase A: White with Black tracer.
 - b. Dedicated Neutral to Phase B: White with Red tracer.
 - c. Dedicated Neutral to Phase C: White with Blue tracer.
3. Equipment Ground: Green

D. Color coding for 240/120V Circuits:

1. Phase A: Black, Phase B: Orange (High Leg); Phase C: Red
2. Neutral Conductor: White
 - a. Dedicated Neutral to Phase A: White with Black tracer.
 - b. Dedicated Neutral to Phase C: White with Red tracer.
3. Equipment Ground: Green
4. Single phase, 240/120V Color Coding similar without Phase B.

E. Properly identify each spare conductor at each end with proper identification to locate other end and label as spare conductor.

3.7 FIELD QUALITY CONTROL

- A. Conductor insulation test shall be performed on all electrical service entrance conductors, switchboard/panelboard and transformer feeder conductors and branch circuit conductors #2 AWG and larger. An insulation test shall be performed on any feeder or branch circuit as requested by the Professional for trouble shooting purposes. The "600V Conductor Insulation Test Report" found at the end of this section shall be completed with test results and shall be submitted to the Professional prior to substantial completion of the project.
- B. 600 volt conductor insulation tests shall be performed using a 500 volt megger. Each conductor shall be tested with all splices made but no equipment or devices connected. Feeder/branch circuits with paralleled conductors shall have conductors tested separately prior to paralleling. The ohmic value measured shall be recorded and the results shall meet the minimum requirements of the conductor manufacturer. Conductors not meeting these minimum requirements shall be replaced or repaired as directed by the Professional.

END OF SECTION

LIGHTING FIXTURE SCHEDULE						
VOLTS	SYMBOL	WATTS	DESCRIPTION	MANUFAC TURER	C.AT. NO.	MOUNTING
120/277	EL	18	INDUSTRIAL LED LUMINAIRE, VAPORTIGHT, 24", LOW-PROFILE, FIBERGLASS HOUSING, FROSTED POLYCARB. LENS, 2000LM, 4000K, 80CRI, S.S. HARDWARE	LITHONIA LTG.	FEM-124-2000LM-W0-G210-40K-80CRI-S1SL	ELEVATOR PIT AS DIRECTED
120/277	F1	20	LED OPEN DOWNLIGHT, 6" APERTURE, SPEC-GRADE, 1500 LUMENS, 3500° K, 0-10V 1% DIMMING DRIVER	LITHONIA LTG.	LDN6-35/15-L06-AR-LSS-G21	RECESSED AT CEILING
120/277	F2	45	LED OPEN DOWNLIGHT, 6" APERTURE, SPEC-GRADE, 4000 LUMENS, 3500° K, 0-10V 1% DIMMING DRIVER	LITHONIA LTG.	LDN6-35/40-L06-AR-LSS-G21	RECESSED AT CEILING
120/277	F3	45	LED OPEN DOWNLIGHT, 8" APERTURE, SPEC-GRADE, 4000 LUMENS, 3500° K, 0-10V 1% DIMMING DRIVER	LITHONIA LTG.	LDN850-35/40-L06-AR-LSS-G21	RECESSED AT CEILING
120/277	G2	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 2' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTG.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-2'	RECESSED AT CEILING
120/277	G4	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 4' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTG.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-4'	RECESSED AT CEILING
120/277	G6	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 6' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTG.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-6'	RECESSED AT CEILING
120/277	G8	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 8' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTG.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-8'	RECESSED AT CEILING
120/277	G10	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 10' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTG.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-10'	RECESSED AT CEILING
120/277	G12	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 12' LENGTH, 1250 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS,	FOCAL POINT LTG.	FSM4L-FL-1250LF-35K-1C-L11-XX-WH-12'	RECESSED AT CEILING
120/277	H1	35	LED LENSED STRIP LUMIAIRE, 48", SYMMETRICAL, 5000LM, 3500K, 80CRI, WHITE FINISH	LITHONIA LTG.	ZLIN-L48-SMR-5000LM-FST-35K-80CRI-WH	SURFACE OR SUSPENDED AS DIRECTED
120/277	H2	35	LED LENSED STRIP LUMIAIRE, 48", SYMMETRICAL, 5000LM, 3500K, 80CRI, WHITE FINISH	LITHONIA LTG.	ZLIN-L48-SMR-5000LM-FST-35K-80CRI-WH	SURFACE OR SUSPENDED AS DIRECTED
-	I	-	NOT USED	-	-	-
120/277	J	46	SURFACE CORRECTIONAL LED LUMIAIRE, 12"x48", 5000LM, 3500K, WHITE FINISH, 14 GA. CRS HOUSING, 0.125 TEMPERED GLASS/0.125 PRISMATIC POLYCARB., DIMMING DRIVER	KENALL LTG.	SSA-4-D/0-45L35K-DCC-6/6-1	SURFACE AT CEILING
120/277	JE	46	SURFACE CORRECTIONAL LED LUMIAIRE, 12"x48", 5000LM, 3500K, WHITE FINISH, 14 GA. CRS HOUSING, 0.125 TEMPERED GLASS/0.125 PRISMATIC POLYCARB., DIMMING DRIVER, EMERGENCY BATTERY PACK	KENALL LTG.	SSA-4-D/0-45L35K-DCC-6/6-1-LEL	SURFACE AT CEILING
120/277	K	10/FT	LED WALL BRACKET LUMIAIRE, 96", INDIRECT/DIRECT, 8000LM/600LMF, 3500K, 80CRI, EXTRUDED ALUM. HOUSING, INTEGRAL OCC. SENSOR, STD. FOR AUTO. DIMMING, STD. FINISH PER ARCH.	MARK LTG.	SAWID-LLP-BRT-80CRI-35K-800LMF-600LMF-MINI-SCT-XXX-NLIGHT	WALL - 7'-6" ABOVE LANDING
120/277	L1	45	LED PARKING GARAGE LUMINAIRE, DIE-CAST ALUM. HOUSING, 10" DIA, 4" DEPTH, 8200LM, 4000K, 80CRI, TYPE 5 WIDE DISTR., STD. FINISH PER ARCH.	LITHONIA LTG.	VCPOLED-V4-P3-40K-80CRI-TSW-XXX	CEILING/OVER-HEAD STRUCTURE

OUTDOOR LIGHTING FIXTURE SCHEDULE						
VOLTS	SYMBOL	WATTS	DESCRIPTION	MANUFAC TURER	CAT. NO.	MOUNTING
120/277	OA	LED	O.D. LED AREA LUMINAIRE, DIE-CAST ALUM. HOUSING, ALUM. HOUSING, 10000 LM, 183W, 4000K, TYPE 3M DISTR., 25'X5'X76A SQUARE STRAIGHT STEEL POLE, STD. FINISH PER ARCHITECT	LITHONIA LTG.	DSX1-LED-P7-40K-T3M-SSS255G	CONCRETE POLE BASE PER DETAIL
120/277	OB	LED	O.D. LED AREA LUMINAIRES, DIE-CAST ALUM. HOUSING, ALUM. HOUSING, 19000 LM, 183W, 4000K, TYPE 3M DISTR., 25'X5'X76A SQUARE STRAIGHT STEEL POLE, STD. FINISH PER ARCHITECT	LITHONIA LTG.	DSX1(2)-LED-P7-40K-T3M-SSS255G	CONCRETE POLE BASE PER DETAIL
120/277	OC	LED	OUTDOOR DECO. LED WALL BRACKET, DIE-CAST ALUM. HOUSING, FULL CUT-OFF DISTR., 6500 LUMENS, 51W, 4000K, STD. FINISH PER ARCH.	LITHONIA LTG.	ARC2LED-P5-40K-XXX	EXT. WALL PER ARCH EXT. ELEV.
120/277	OD	107	OUTDOOR DECO. LED FLOOD LIGHT, DIE-CAST ALUM. HOUSING, NARROW SPOT DISTR.,1180LM, 4000K, STANCHION MTG., STD. FINISH PER ARCH.	LITHONIA LTG.	DSXF3LED-6-P1-40K-70CRI-NSP-S-STM-XXX	STANCHION WITH CONCRETE BASE
120/277	OE	170	OUTDOOR DECO. LED FLOOD LIGHT, DIE-CAST ALUM. HOUSING, NARROW SPOT DISTR.,1430LM, 4000K, STANCHION MTG., STD. FINISH PER ARCH.	LITHONIA LTG.	DSXF3LED-6-P2-40K-70CRI-NSP-IS-STM-XXX	STANCHION WITH CONCRETE BASE

LIGHTING FIXTURE SCHEDULE						
VOLTS	SYMBOL	WATTS	DESCRIPTION	MANUFAC TURER	C.AT. NO.	MOUNTING
120/277	A1	45	LED FLAT PANEL, 2'X4', EDGE-LIT, ALUM. FRAME, 4800LM, 3500° K, 1% 0-10V DIMMING DRIVER	LITHONIA LTG.	EPANL-24-48L-35K	RECESSED AT CEILING
120/277	A2	38	LED FLAT PANEL, 2'X4', EDGE-LIT, ALUM. FRAME, 4000LM, 3500° K, 1% 0-10V DIMMING DRIVER	LITHONIA LTG.	EPANL-24-40L-35K	RECESSED AT CEILING
120/277	A3	29	LED FLAT PANEL, 2'X4', EDGE-LIT, ALUM. FRAME, 3000LM, 3500° K, 1% 0-10V DIMMING DRIVER	LITHONIA LTG.	EPANL-24-30L-35K	RECESSED AT CEILING
120/277	B1	45	LED FLAT PANEL, 2'X2', EDGE-LIT, ALUM. FRAME, 4000LM, 3500° K, 1% 0-10V DIMMING DRIVER	LITHONIA LTG.	EPANL-22-40L-35K	RECESSED AT CEILING
120/277	B2	45	LED FLAT PANEL, 2'X2', EDGE-LIT, ALUM. FRAME, 4800LM, 3500° K, 1% 0-10V DIMMING DRIVER	LITHONIA LTG.	EPANL-22-48L-35K	RECESSED AT CEILING
120/277	C6 **	8/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 6' LENGTH, 875 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, GRID OR DRYWALL MOUNTING PER RCP	FOCAL POINT LTG.	FSM4L-FL-875LF-35K-1C-L11-XX-WH-6'	RECESSED AT CEILING
120/277	C8 **	8/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 8' LENGTH, 875 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, GRID OR DRYWALL MOUNTING PER RCP	FOCAL POINT LTG.	FSM4L-FL-875LF-35K-1C-L11-XX-WH-8'	RECESSED AT CEILING
120/277	D9	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 9' LENGTH, 375 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FL-375LF-35K-1C-L11-TF-WH-9'	RECESSED AT CEILING/WALL
120/277	D10	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 10' LENGTH, 375 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FL-375LF-35K-1C-L11-TF-WH-10'	RECESSED AT CEILING/WALL
120/277	D15	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 15' LENGTH, 375 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FL-375LF-35K-1C-L11-TF-WH-15'	RECESSED AT CEILING/WALL
120/277	D20	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 20' LENGTH, 375 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FL-375LF-35K-1C-L11-TF-WH-20'	RECESSED AT CEILING/WALL
120/277	D25	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 25' LENGTH, 375 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FL-375LF-35K-1C-L11-TF-WH-25'	RECESSED AT CEILING/WALL
120/277	D35	4/FT	RECESSED LINEAR LED LUMIAIRE, 4" WIDTH, 35' LENGTH, 375 LM/FT, 3500K, EXTRUDED ALUMINUM HOUSING, HOUSING, EXTRUDED FLUSH SATIN ACRYLIC LENS, DRYWALL CEILING/WALL TRIM KIT	FOCAL POINT LTG.	FSM4L-FL-375LF-35K-1C-L11-TF-WH-35'	RECESSED AT CEILING/WALL
120/277	E1	4	EXIT SIGN, LED, EDGE-LIT, SINGLE FACE, RECESS MTG., GREEN LED'S, ARROWS AS INDICATED	LITHONIA LTG.	EDGR-1C-WM	WALL AS INDICATED
120/277	EC1	4	EXIT SIGN, LED, EDGE-LIT, SINGLE FACE, RECESS MTG., GREEN LED'S, ARROWS AS INDICATED	LITHONIA LTG.	EDGR-1G	CEILING AS INDICATED
120/277	EC2	8	EXIT SIGN, LED, EDGE-LIT, DOUBLE FACE, RECESS MTG., GREEN LED'S, ARROWS AS INDICATED	LITHONIA LTG.	EDGR-2GMR	CEILING AS INDICATED
** REFER TO ARCHITECTURAL REFLECTED CEILING PLAN (RCP) TO VERIFY CEILING TYPE IN AREA IN WHICH LIGHTING LUMINAIRE IS LOCATED & PROVIDE PROPER MOUNTING HARDWARE FOR CEILING TYPE.						

- ADDENDUM #3, #5 ELECTRICAL NOTES
1.

DELETE CONNECTIONS TO FLUSH VALVES AND FAUCET VALVES FOR ALL RESTROOMS EXCEPT PUBLIC TOILETS 1006, 1009, 2161, 2162. PUBLIC TOILETS SHALL REMAIN CONNECTIONS TO FLUSH VALVES AND FAUCET VALVES.
2.

VESTIBULE 2000, MEETING 2201, MEETING 2203, COURT STORAGE 2199, MEETING 2201, MEETING 2204, MEETING 2202, MEETING 2203, VESTIBULE 2200. THESE AREAS SHALL BE SHELLED OUT. AS PART OF BASE BID INCLUDE CONNECTIONS TO VAV BOXES AND OTHER MECHANICAL EQUIPMENT, AND INCLUDE CONNECTIONS TO FLOOR BOXES. INCLUDE IN BASE BID (12) "1"1" FIXTURES FOR GENERAL LIGHTING CONNECTED TO CIRCUIT H24-5 SERVING THE AREA. WITH (2) 3-WAY 277V SWITCHES AT THE DOORS CONTROLLING THE FIXTURES. FIRE ALARM DEVICES SHALL BE DELETED UNDER BASE BID. THE FULL WORK SHOWN SHALL BE PART OF ALTERNATE #3.

L P K

architects

LPK ARCHITECTS, P.A.

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PROJECT INFORMATION

PROJECT:



Lauderdale County

Government Building

Package

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39001

YATES

CONSTRUCTION

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KEY PLAN

- ACTIVE DESIGN PHASE
- ☐

FOR REVIEW ONLY
- ☐

FOR PERMITTING ONLY
- ☐

SCHEMATIC DESIGN
- ☐

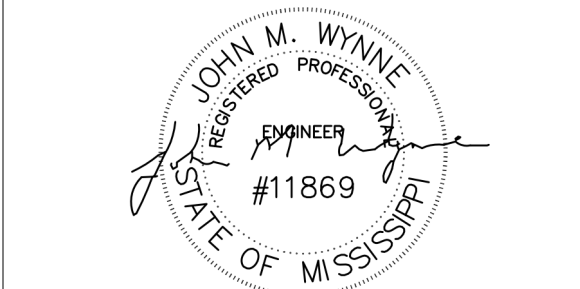
DESIGN DEVELOPMENT
- ☐

CONSTRUCTION BIDDING
- ☒

CONSTRUCTION DOCUMENTS
- ☐

AS-BUILT RECORD SET

SEAL



REVISIONS/SUBMISSIONS		
NO.	DATE	DESCRIPTION
1	11/18/2021	ADDENDUM 3
2	11/23/2021	ADDENDUM 4
3	11/28/2021	ADDENDUM 5

SHEET TITLE:

ELECTRICAL ADDENDUM ITEMS

PROJECT NO.: 19-4295A

SHEET ISSUED: 10/18/2021

DRAWN BY: RO

REVIEWED BY: JMW

SHEET NO.

EA001

