ADDENDUM #2 – This addendum forms part of the Contract Documents and modifies the original Contract Documents. All other parts of the Contract Documents remain unchanged. Offerors must acknowledge receipt of this addendum in the Proposal.

DOCUMENT 00 9113 – ADDENDUM #2

1.3 PROJECT INFORMATION
A. Project Name: Sandoval County Sheriff & Emergency Operation Center
B. Owner Project Number: FY22-SCPW-05
C. Owner: Sandoval County
D. Architect: RMKM Architecture, P.C.
E. RMKM Architect Project Number: 1904
F. Date of Addendum: 11 February 2022

1.4 NOTICE TO BIDDERS
A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.

B. The Contractor shall acknowledge receipt of this Addendum 02. Please email Leslie Olivas at ldolivas@sandovalcountynm.gov and Mark Hatzenbuhler at mhatzenbuhler@sandovalcountynm.gov for acknowledgement and any additional questions.

1.5 SHEETS (Please reference attached sheets):
A. ES101
   1. Clarification for utility yard equipment
   2. Clarification for entry gates.
   3. Clarification and added notes for camera on poles in the parking area.
B. EL101
   1. Changed all “EMC” to “EM” types.
   2. Added D1 type luminaires to stair wells.
   3. Added E1 type luminaire at lobby.
   4. Updated General Notes.
   5. Add note 9.
   6. Add note 5 to room 129 devices.
C. EL102
   1. Changed all “EMC” to “EM” types.
   2. Added D1 type luminaires to stair wells.
   3. Added EM type luminaires.
   4. Updated General Notes.
   5. Add plan for Penthouse lighting.
D. EP101
   1. Adjusted notes for FC1 and FC2.
   2. Added power to IT rack in room 104.
   3. Added circuit information for electronic bell.
ADDENDUM #2 – This addendum forms part of the Contract Documents and modifies the original Contract Documents. All other parts of the Contract Documents remain unchanged. Offerors must acknowledge receipt of this addendum in the Proposal.

4. Added note 25 through 27.
5. Added power notes to exterior door at 1/g,7
6. Adjusted floor boxes to match “T” sheets.

E. EP102?
   1. Adjusted notes for FC3 and FC4.
   2. Added power to IT rack in room 210.
   3. Add note 25.
   5. Added note 18 and 19.
   6. Adjusted not 18 to 19 in room 213
   8. Adjusted floor boxes to match “T” sheets.

F. EP103
   1. Adjusted note 2 and 7.
   3. Adjusted location of equipment on RTU-1

G. LP131
   1. Adjusted keyed notes 3 to 8.

H. FA101
   1. Adjusted notes on this sheet.

I. FA102
   1. Adjusted notes on this sheet.

J. E-501
   1. Adjusted notes to detail 2 and 6.

K. E-502
   1. Adjusted note in box.

L. E-601
   1. Adjusted notes on detail 3.
   2. Added data to MSB and added note
   3. Adjusted notes at ATS
   4. Adjusted feeder tags for incoming secondary.

M. E-602
   1. Adjusted noting and diagram information.

N. E-603
   1. Adjusted diagram, notes and box note.

O. E-701
   1. Adjusted and removed some luminaire types.

P. E-702
   1. Adjusted lighting sequence of operation line item “I”.
   2. Added equal to Electrical connection schedule.

Q. E-703, E-704, and E-705
   1. Updates to circuits to panel schedules on these sheets.

END OF ADDENDUM 2
LIGHTING LEVEL 02 FLOOR PLAN

A2 LIGHTING PENTHOUSE PLAN

SCALE: 1/8" = 1'-0"

LIGHTING SEQUENCE OF OPERATION.
A. INDICATES SEQUENCE IN EACH ROOM.

SHEET CHANGES
1. CHANGE "EMC" LUMINAIRES TO "EM" LUMINAIRES.
2. ADD "EM" LUMINAIRES.
3. ADD "D1" LUMINAIRES AT STAIRS.
4. UPDATED ALL GENERAL NOTES.
5. UPDATED NOTE 3.
6. ADDED NOTE 5 AND 6.
7. ADDED PENTHOUSE PLAN.
8. ADD LIGHTING CONTROL SEQUENCE TO ROOM 210.

SANDOVAL COUNTY SHERIFF'S OFFICE & EMERGENCY OPERATIONS CENTER
7355 DERIGIT ROAD NE
BERNALILLO, NM 87004

CONSTRUCTION SET
22 DECEMBER 2021

DRAWN BY

GENERAL SHEET NOTES

1. REFER TO SHEET E-702 FOR LIGHTING SEQUENCE OF OPERATION.
A. INDICATES SEQUENCE IN EACH ROOM.

KEYNOTES
1. REFER TO SHEET E-702 FOR LIGHTING SEQUENCE OF OPERATION.
A. INDICATES SEQUENCE IN EACH ROOM.
**KEYNOTES**

1. **24" TALL LIGHTNING ARRESTORS.**
2. **LIGHTNING CONDUCTOR EXPOSED AND MOUNTED TO TOP OR SIDE OF PARAPET.**
3. **ATTACH LIGHTNING PROTECTION TO MECHANICAL EQUIPMENT.**
4. **DOWN CONDUCTOR FROM ROOF TOP LIGHTNING ARRESTORS TO COUNTERPOISE AND GROUND RODS. ROUTING OF DOWN CONDUCTOR TO COUNTERPOISE WILL BE INTERIOR TO WALL STRUCTURE, UNLESS DIRECTED OTHERWISE BY ARCHITECT.**
5. **GROUND RODS.**
6. **GROUND LOOP AROUND THE PERIMETER INSTALLED NOT MORE THAN 5'-0" FROM BUILDING AND 3'-0" BELOW GRADE.**
7. **LIGHTNING CONDUCTOR ROUTED ON ROOF. PER NFPA 780 REQUIREMENTS.**
8. **LIGHTNING CONDUCTOR AND ARRESTORS ATTACHED TO TOP OF SHADE SCREEN.**

**GENERAL SHEET NOTES**

IT IS THE INTENT OF THESE DOCUMENTS TO SHOW A BASIC REPRESENTATION OF THE LIGHTNING PROTECTION SYSTEM. DEVICES INDICATED ON THESE DOCUMENTS ARE IN NO WAY IMPLIED TO BE COMPREHENSIVE OF THE FINAL DESIGN. IT IS THE RESPONSIBILITY OF THE LIGHTNING PROTECTION CONTRACTOR TO PROVIDE A COMPLETE LIGHTNING PROTECTION SYSTEM BASED UPON A THOROUGH REVIEW OF ALL CONTRACT DOCUMENTS. IT IS THE RESPONSIBILITY OF THE LIGHTNING PROTECTION CONTRACTOR TO ENSURE THAT THE LIGHTNING PROTECTION SYSTEM IS CODE COMPLIANT, MEETS THE REQUIREMENTS OF THE AHJ AND COMPREHENSIVELY COVERS AND INCLUDES ALL NECESSARY PARTS AND LABOR ASSOCIATED WITH OTHER TRADES AND SYSTEMS IMPACTING THE LIGHTNING PROTECTION SYSTEM. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACHIEVE A MASTER LABEL FOR THE LIGHTNING PROTECTION SYSTEM. NO CHANGE ORDERS WILL BE APPROVED FOR THE BASE SCOPE OF WORK.

A. **LIGHTNING PROTECTION SYSTEM IS SHOWN DIAGRAMMATICALLY. CONTRACTOR WILL INSTALL PER NFPA 780 AND SPECIFICATION 264112 TO ACHIEVE MASTER LABEL.**
B. **REFER TO SHEET E-502 FOR LIGHTNING PROTECTION DETAILS AND ADDITIONAL INFORMATION.**

**NOTE**

ELECTRICAL CONTRACTOR MUST COMPLY WITH ALL 2017 NATIONAL ELECTRICAL CODES AND NEW MEXICO ADMINISTRATIVE CODES AND ELECTRICAL SYSTEMS AND EQUIPMENT SHALL COMPLY WITH THE 2018 COMMERCIAL ENERGY CONSERVATION CODES FOR NEW MEXICO NMAC 14.7.9.
GENERAL SHEET NOTES

1. A롬된 시트의 빌딩에 대한 정보는 시트의 내용을 기반으로 포함될 수 있습니다.
2. 각 시트의 내용은 모든 시트에 적용되며, 필요한 경우 추가 정보가 없을 수 있습니다.
3. 구체적인 내용은 시트의 주요 정보를 참조해야 합니다.
4. 추가로 필요한 정보는 해당 시트의 주요 정보를 참조해야 합니다.
GENERAL SHEET NOTES

1. A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
2. THE CONTRACTOR SHALL ENSURE ALL DEVICES TO MEET CONTRACT REQUIREMENTS, PER CODES AND STANDARDS.
3. SYSTEMS MANDATORY: THE FIRE ALARM SYSTEM SHALL INCLUDE SMOKE DETECTORS, HEAT DETECTORS, AND ALARMS IN ALL OCCUPIED AREAS.
4. FALL ALARMS: FALL DETECTORS SHALL BE PROVIDED IN CONFORMANCE WITH CANADIAN STANDARD CAN/CSA-Z326, FALL DETECTION SYSTEMS.
5. SMOKE DETECTORS: SMOKE DETECTORS SHALL BE PROVIDED IN CONFORMANCE WITH CANADIAN STANDARD CAN/CSA-Z326, SMOKE DETECTION SYSTEMS.
6. HEAT DETECTORS: HEAT DETECTORS SHALL BE PROVIDED IN CONFORMANCE WITH CANADIAN STANDARD CAN/CSA-Z326, HEAT DETECTION SYSTEMS.
7. ALARMS: ALARMS SHALL BE PROVIDED IN CONFORMANCE WITH CANADIAN STANDARD CAN/CSA-Z326, ALARM SYSTEMS.

KEYNOTES

1. LOCATION OF Fuses: fuse location is indicated on the electrical panel for each floor.
2. PANEL: electrical panel is indicated on the floor plan for each floor.
3. CIRCUITS: electrical circuits are indicated on the electrical panel for each floor.
4. LOCATIONS: locations are indicated on the floor plan for each floor.
5. DIMENSIONS: dimensions are indicated on the floor plan for each floor.

NOTE

MATERIALS AND LABOR REQUIRED TO SUPPORT CANADA'S STANDARDS REQUIREMENTS FOR FIRE ALARMS SHALL BE PROVIDED BY THE CONTRACTOR.

SANDOVAL COUNTY SHERIFF'S OFFICE & EMERGENCY OPERATIONS CENTER

7251 GERMAN ROAD SW
BERNALULLO, NM 87004

CONSTRUCTION SET 12/23/2021

FA102
GROUNDING DIAGRAM

1. PROVIDE GROUND RING PER NEC 250.52 A.5. 20’
2. PROVIDE GROUND ROD PER NEC 250.52 A.5. 20’
3. PROVIDE A COMPLETE LIGHTNING PROTECTION SYSTEM TO PROTECT ENTIRE BUILDING PER
4. BOND ALL METALLIC PIPING SYSTEMS WITHIN STRUCTURE.
5. PROVIDE A GROUND ROD. QUANTITY AS REQUIRED BY LIGHTNING PROTECTION DESIGNER.
6. COPPER CONDUCTOR.
7. UNLESS UNGROUNDED CONDUCTOR SIZE OR EQUIVALENT IS GREATER THAN 1100 KCMIL. IF
8. CONDUCTOR SIZE AND GROUNDING ELECTRODE CONDUCTOR SCHEDULE ON THIS SHEET
9. MAIN BONDING JUMPER AND/OR SYSTEM BONDING JUMPER SIZE BASED ON UNGROUNDED
10. STD GROUNDING BUSBAR" USING COMPRESSION SPADE LUGS. LABEL CONDUCTORS PER ANSI
11. INSTALL A 1/4” X 4” COPPER "TELECOMMUNICATIONS GROUNDING BUSBAR" IN EACH
12. USE THE "MAIN GROUNDING ELECTRODE GROUND BAR" INSTEAD OF BUILDING STRUCTURAL
13. GROUNDING. LOCATE AT AN ACCESSIBLE POINT NEAR THE SERVICE ENTRANCE EQUIPMENT.
14. GROUNDING ELECTRODE. USE EXOTHERMIC WELDS.
15. BOND EACH PERIMETER STRUCTURAL STEEL COLUMN TO THE CONCRETE
16. REFER TO SHEET T501 AND T502 FOR GROUNDING ADDITIONAL INFORMATION.
17. PROVIDE GROUNDING ELECTRODE CONDUCTOR SIZE BASED ON THE CONDUCTOR SIZE OF
18. SCHEDULE.
19. REFER TO ONE
20. CLEAN COATED RE
21. SCREW.
22. CONDUCTOR AS FEEDER EQUIPMENT GROUND CONDUCTOR OR FACTORY PROVIDED GREEN
23. BOND ELECTRICAL EQUIPMENT ENCLOSURES TO GROUND BAR USING SAME SIZE
24. CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED EQUAL TO EQUIPMENT
25. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC FEEDER
26. TABLE 250.102 (C)(1).
27. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC SERVICE
28. TESTING.
29. PROVIDE GROUNDING ELECTRODE CONDUCTOR SIZE BASED ON THE CONDUCTOR SIZE OF
30. SCHEDULE.
31. REFER TO ONE
32. CLEAN COATED RE
33. SCREW.
34. CONDUCTOR AS FEEDER EQUIPMENT GROUND CONDUCTOR OR FACTORY PROVIDED GREEN
35. BOND ELECTRICAL EQUIPMENT ENCLOSURES TO GROUND BAR USING SAME SIZE
36. CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED EQUAL TO EQUIPMENT
37. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC FEEDER
38. TABLE 250.102 (C)(1).
39. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC SERVICE
40. TESTING.
41. PROVIDE GROUNDING ELECTRODE CONDUCTOR SIZE BASED ON THE CONDUCTOR SIZE OF
42. SCHEDULE.
43. REFER TO ONE
44. CLEAN COATED RE
45. SCREW.
46. CONDUCTOR AS FEEDER EQUIPMENT GROUND CONDUCTOR OR FACTORY PROVIDED GREEN
47. BOND ELECTRICAL EQUIPMENT ENCLOSURES TO GROUND BAR USING SAME SIZE
48. CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED EQUAL TO EQUIPMENT
49. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC FEEDER
50. TABLE 250.102 (C)(1).
51. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC SERVICE
52. TESTING.
FIRE ALARM RISER DIAGRAM

1/8" = 1'-0" E-603

1ST LEVEL

2ND LEVEL

KEYNOTES

1. MINIMUM OF CONSORT AND FIRE ALARM CABLING AS REQUIRED BY THE FIRE ALARM MANUFACTURER.

2. FIRE ALARM CONTROL PANEL (FACP) OR FIRE ALARM TERMINAL CABINET (FATC) WILL INDEPENDENTLY SUPERVISE EACH FLOW AND TAMPER SWITCH WITH AN ADDRESSABLE MODULE. REFER TO FIRE PROTECTION PLANS FOR EACH LOCATION.

3. FIRE ALARM CONTROL PANEL (FACP) OR FIRE ALARM TERMINAL CABINET (FATC) WILL PROVIDE 120V/20A POWER CIRCUIT TO UNITS FROM NEAREST PANEL.

4. ELEVATOR CONNECTION.

5. DUCT SMOKE DETECTOR, FURNISHED BY DIVISION 28, INSTALLED IN DUCT BY DIVISION 23, CONNECTED, WIRED AND TESTED BY DIVISION 28. REFERENCE DIVISION 28 SHOP DRAWINGS.

6. DUCT SMOKE DETECTOR, ROUTE 120VAC VIA FIRE ALARM ADDRESSABLE RELAY. FIRE SMOKE DAMPER, ROUTE 120VAC VIA FIRE ALARM ADDRESSABLE RELAY.

7. FIRE ALARM VOLTAGE SOURCES SUPPLIED BY STANDBY BATTERIES WILL BE PROVIDED AT EACH LOCATION.

8. PROVIDE NEW ANNUNCIATOR PANEL IN MAIN ENTRANCE. FIELD COORDINATE EXACT LOCATION.

9. PROVIDE SURGE PROTECTION FOR CIRCUIT TO FIRE ALARM PANEL.

10. REFER TO SHEET SERIES "EP" AND "ES" FOR CIRCUITS SERVING THIS SYSTEM.

11. REFER TO ES101 FOR PIV AND/OR HOT BOX QUANTITY AND LOCATION.

GENERAL SHEET NOTES

A. FIRE ALARM DIAGRAMS INDICATE GENERAL DIAGRAMMATIC CONNECTIONS ONLY. SYSTEMS AND EQUIPMENT SHALL COMPLY WITH THE 2018 NATIONAL ELECTRICAL CODE, NEW MEXICO ADMINISTRATIVE CODES AND ELECTRICAL CONTRACTOR MUST COMPLY WITH ALL 2017 NEW MEXICO ADMINISTRATIVE CODES AND ELECTRICAL COMMERCIAL ENERGY CONSERVATION CODES FOR NEW BUILDINGS.

B. SEPARATE CONDUIT MAY NOT BE REQUIRED ON THIS DRAWING. REFER TO FLOOR PLANS.

C. REFER TO GENERAL SHEET 117 FOR FIRE ALARM SYSTEM.

D. FIRE ALARM WIRING AND CABLING SHALL BE IN COMPLIANCE WITH NEC AND TYPE OF SHEET ELECTRICAL COORDINATE EXACT SCALE AND DRAWING NUMBER. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

E. FIRE ALARM WIRING AND CABLING SHALL BE IN CONFORMANCE WITH NEC AND TYPE OF SHEET ELECTRICAL COORDINATE EXACT SCALE AND DRAWING NUMBER. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

F. REFER TO SHEET SERIES "FA" FOR ADDITIONAL INFORMATION.

G. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

H. REFER TO ELECTRICAL PROTECTION AND CYCLIC TESTING AND COORDINATION REQUIREMENTS.

I. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

J. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

I. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

J. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

K. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

L. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

M. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.

N. REFER TO SHEET SERIES "EP" AND "ES" FOR ADDITIONAL INFORMATION.
<table>
<thead>
<tr>
<th>LUMINARY</th>
<th>DESCRIPTION</th>
<th>LIGHTING PLAN</th>
<th>QUANTITY</th>
<th>UNIT PRICE</th>
<th>TOTAL PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD1R</td>
<td>1' x 4' MAXIMUM SECURITY ONE PIECE DIE-FORMED PRIME GRADE MATERIAL.</td>
<td>12</td>
<td>$156.00</td>
<td>$1,872.00</td>
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<tr>
<td>WSC</td>
<td>11&quot; ROUND SURFACE ARCHITECTURAL LED DOWN LIGHT. WET LOCATION RATED.</td>
<td>12</td>
<td>$180.00</td>
<td>$2,160.00</td>
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<tr>
<td>NR1</td>
<td>EXTRUDED ALUMINUM 3.5&quot; WIDE x 4'-0&quot; LENGTH DIRECT LINEAR STATIC WHITE LED EM CONTEMPORARY, LOW PROFILE EMERGENCY BATTERY PACK FIXTURE WITH AN</td>
<td>12</td>
<td>$240.00</td>
<td>$2,880.00</td>
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<tr>
<td>BV</td>
<td>4' EXTREME ENVIRONMENT LED HIGH ENERGY EFFICIENT LOW PROFILE ENCLOSED U3 1.35'X1.37&quot; ADJUSTABLE LINEAR LUMINAIRE WITH SING LE REMOTE DRIVER CAPABLE</td>
<td>12</td>
<td>$360.00</td>
<td>$4,320.00</td>
<td></td>
</tr>
<tr>
<td>S3</td>
<td>SINGLE MOUNT ARCHITECTURAL AREA LIGHT. TYPE III OPTICS. COORDINATE FINISH</td>
<td>12</td>
<td>$420.00</td>
<td>$5,040.00</td>
<td></td>
</tr>
<tr>
<td>E2</td>
<td>LED EXIT SIGN, EMERGENCY, DIE CAST ALUMINUM HOUSING WITH GREEN INTEGRAL PHOTOCELL AND BATTERY BACKUP. COORDINATE FINISH COLOR WITH ARCHITECT AT SUBMITTAL OF LUMINAIRES.</td>
<td>6</td>
<td>$630.00</td>
<td>$3,780.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PROFILE. EXTRA DIFFUSE LENS. COORDINATE FINISH COLOR WITH ARCHITECT AT SUBMITTAL OF LUMINAIRES.</td>
<td>6</td>
<td>$630.00</td>
<td>$3,780.00</td>
<td></td>
</tr>
</tbody>
</table>

**Electrical Information:**
- **Watts:** 277 OR 120
- **UL924 NiCAD INNER AND CLEAR OPTIC SHEILDING**
- **TRACELITE #WLZ2-4-4K-XX-BB**
- **LUMUX #DL300-2-120/277-4000K-XX**
- **ACUITY #M9410C-X-LED-P2-40K-MVOLT-MFL-XX**
- **TARGETTI #KPL-41-ZM-L2-40**
- **LUMENWERX #SMIPSIB-PMO-LED-80-1000-35-35-65-8FT-UNV-D1-1-53WSW18-XX**
- **CORELITE #I2-WS-3L35-1-D-UNV-XX18-XX-8-STD-DM8-XXES**
- **LITHONIA #RSX1 LED-P3-40K-R4-MVOLT-SPA-XXX-XXX**
- **NEO-RAY #S123DR-S-775D-835-XXX-8FO-1-U-DD-F**
- **SURE-LITES #CX7-1-G**
- **LUX #EOS 2.0R-XX-ASY-750-8-40K-9-UNV-XX**
- **MARK #SL4L LOP-8FT-FLP-XX-90CRI-35K-800LMF-XX**
- **LITON #LCMPD12R-W-T40**
- **COOPER #HALO SMD12R-2000-9S-WH-E**
- **DUALLITE #SE-S-G-BNE**
- **EVENLITE #CCDS-EM-G-1-AB**
- **SURE-LITES #CX7-1-G**
- **LUX #EOS 2.0R-XX-ASY-750-8-40K-9-UNV-XX**
- **MARK #SL4L LOP-8FT-FLP-XX-90CRI-35K-800LMF-XX**
- **LUXONIC #CLXEM-8-8W-60W-40K-XX**
- **SANDOVAL COUNTY MEXICO ADMINISTRATIVE CODES AND ELECTRICAL CENTER**

**Construction Set Modifications to Permit Set 12/22/2021:**
- **Construction Conditions.**
- **Higher or lower mounting from that contractor to order luminaires to include manufacturer series. Shop drawing**
LIGHTING SEQUENCE OF OPERATION

1. UNOCCUPIED MODE: LIGHTING CONTROL IN ROOM WILL BE ENABLED BY SWITCH LOCATED IN ROOM. CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR(S) WILL BE PROGRAMMED TO TURN OFF LIGHTING AFTER A SET TIME PERIOD AND SYSTEM WILL RESET AUTOMATICALLY TURN ON ALL LUMINAIRES AS SOMEONE ENTERS THE ROOM. LOCAL OVERRIDE CONTROL OF LUMINAIRES WILL BE VIA PUSH BUTTON SWITCHES. LUMINAIRES WILL NOT AUTOMATICALLY ENERGIZE OR DE-ENERGIZE.

2. OCCUPIED MODE: CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR(S) WILL BE PROGRAMMED TO TURN ON ALL LUMINAIRES AUTOMATICALLY WHEN SOMEONE ENTERS THE ROOM. LUMINAIRES CAN ALSO BE ENABLED BY A LOCAL SWITCH LOCATED AT ENTRY IN ROOM. NO LUMINAIRES WILL AUTOMATICALLY ENERGIZE.

3. WHEN PERSONNEL LEAVE THE ROOM VACANCY SENSOR(S) WILL BE DE-ENERGIZED BY DUAL TECHNOLOGY VACANCY SENSOR(S) IN ROOM. LABEL BUTTON "A". LIGHTING CONTROL IN ROOM WILL BE ENABLED BY SWITCH LOCATED IN ROOM. CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR(S) WILL BE PROGRAMMED TO TURN OFF LIGHTING AFTER A SET TIME PERIOD AND SYSTEM WILL RESET AUTOMATICALLY TURN ON ALL LUMINAIRES AS SOMEONE ENTERS THE ROOM. LOCAL OVERRIDE CONTROL OF LUMINAIRES WILL BE VIA PUSH BUTTON SWITCHES. LUMINAIRES WILL NOT AUTOMATICALLY ENERGIZE OR DE-ENERGIZE.

4. CONTRACTOR WILL PROVIDE AN ENGRAVED PLACARD SECURITELY ATTACHED TO WALL ADJACENT TO SWITCH. PLACARD WILL BE SAME SIZE AS STANDARD SWITCH COVER PLATE. PLACARD WILL INDICATE THE FOLLOWING PER EACH SYSTEM.

- A. ROOM CONTROLLER LMRC SERIES RATED FOR PROGRAMMED LIGHTING CONTROL/POWER.
- B. SINGLE OUTLET ON/OFF/DIMMER/VACANCY DIGITAL SWITCH SERIES.
- C. THREE BUTTON, SINGLE OUTLET DIGITAL WALL SWITCH LMSW SERIES.
- D. TWO BUTTON SWITCH SERIES.

- A= 100% LIGHTING
- B= OFF
- C= 50% LIGHTING

- A. ROOM CONTROLLER LMRC SERIES RATED FOR PROGRAMMED LIGHTING CONTROL/POWER.
- B. SINGLE OUTLET ON/OFF/DIMMER/VACANCY DIGITAL SWITCH SERIES.
- C. THREE BUTTON, SINGLE OUTLET DIGITAL WALL SWITCH LMSW SERIES.
- D. TWO BUTTON SWITCH SERIES.

B= OFF
C= 50% LIGHTING
D= 100% LIGHTING

- A. ROOM CONTROLLER LMRC SERIES RATED FOR PROGRAMMED LIGHTING CONTROL/POWER.
- B. SINGLE OUTLET ON/OFF/DIMMER/VACANCY DIGITAL SWITCH SERIES.
- C. THREE BUTTON, SINGLE OUTLET DIGITAL WALL SWITCH LMSW SERIES.
- D. TWO BUTTON SWITCH SERIES.

C. EVIDENCE WORK AREA

- 1. LOCAL OVERRIDE CONTROL OF LUMINAIRES WILL BE VIA PUSH BUTTON SWITCHES. LUMINAIRES WILL NOT AUTOMATICALLY ENERGIZE OR DE-ENERGIZE.

- A. ROOM CONTROLLER LMRC SERIES RATED FOR PROGRAMMED LIGHTING CONTROL/POWER.
- B. SINGLE OUTLET ON/OFF/DIMMER/VACANCY DIGITAL SWITCH SERIES.
- C. THREE BUTTON, SINGLE OUTLET DIGITAL WALL SWITCH LMSW SERIES.
- D. TWO BUTTON SWITCH SERIES.

CONTRACTOR WILL PROVIDE AN ENGRAVED PLACARD SECURITELY ATTACHED TO WALL ADJACENT TO SWITCH. PLACARD WILL INDICATE THE FOLLOWING PER EACH SYSTEM.

- A. ROOM CONTROLLER LMRC SERIES RATED FOR PROGRAMMED LIGHTING CONTROL/POWER.
- B. SINGLE OUTLET ON/OFF/DIMMER/VACANCY DIGITAL SWITCH SERIES.
- C. THREE BUTTON, SINGLE OUTLET DIGITAL WALL SWITCH LMSW SERIES.
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- C. THREE BUTTON, SINGLE OUTLET DIGITAL WALL SWITCH LMSW SERIES.
- D. TWO BUTTON SWITCH SERIES.

- A= 50% LIGHTING
- B= OFF
- C= 100% LIGHTING

- A. ROOM CONTROLLER LMRC SERIES RATED FOR PROGRAMMED LIGHTING CONTROL/POWER.
- B. SINGLE OUTLET ON/OFF/DIMMER/VACANCY DIGITAL SWITCH SERIES.
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E. WC/ SHOWER/LARGE STORAGE/WAREHOUSE/ARMORY

- 1. LOCAL OVERRIDE CONTROL OF LUMINAIRES WILL BE VIA PUSH BUTTON SWITCHES. LUMINAIRES WILL NOT AUTOMATICALLY ENERGIZE OR DE-ENERGIZE.

- A. ROOM CONTROLLER LMRC SERIES RATED FOR PROGRAMMED LIGHTING CONTROL/POWER.
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### Branch Panel: H2A

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**Legend:**
- LTG = Load Transformer Group
- CKT = Circuit
- Poles = Number of Poles
- Trip = Trip Rating
- Panel = Panel Number

**Notes:**
- PROVIDE FEED THROUGH LUGS FOR FUTURE SECTION

---

### Load Classification

- LTG-EXT: External LTG
- LTG: Load Transformer Group
- LTG EAST SITE: External LTG
- LTG WEST SITE: External LTG

---

### Electrical Panel Schedules

- **Branch Panel:** H2A, M1A
- **Location:** H2A, M1A
- **Circuit Description:** LTG-EXT, LTG
- **Connected Load:** LTG-EXT 3294 VA, LTG 13422 VA
- **Demand Factor:** 125.00%, 125.00%
- **Estimated Demand:** 4118 VA, 16777 VA

---

**Additional Information:**
- **Project:** Sandoval County Sheriff's Office & Emergency Operations Center
- **Address:** 7250 Desert Road NE, Bernalillo, NM 87004
- **Date:** December 22, 2021

---

**Note:**
- This document is part of the Sandoval County Sheriff's Office & Emergency Operations Center project, designed by RMKM Architecture, PC.
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**Legend:**
- CKT: Circuit Number
- Circuit Description: Detailed description of the circuit
- Trip Poles: Pole configuration (A, B, C)
- Poles: Pole configuration
- Trip Circuit Description: Further description of the trip circuit
- CKT: Circuit Number

**Branch Panel:** L2A
- Location: E-705
- Mains Type: 120/208 Wye
- Mains Type: MC
- MCB Rating: 184 A
- Total Load: 21786 VA 19260 VA 21450 VA
- Spaces: 173 A
- Phases: 62496 VA
- Volts: L2A
- Total Conn. Load: 400 A
- Branch Panel: L2A
- Mounting: MSB VIA T2A
- Type 1: Surface

**NOTES:**
- The circuit breaker will be labeled "Fire Alarm Circuit Control." Systems and equipment shall comply with the 2018 NEC.
- Electrical Contractor must comply with all 2017 Commercial Energy Conservation Codes for New Mexico.
- See MNC 14.7.9 for further details.

**Bernalillo, NM 87004**

Sandoval County Sheriff's Office & Emergency Operations Center

2301 Deserted Road NE
Bernalillo, NM 87004

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