

Addendum 03

DOCUMENT 00 91 00

DATE: July 22, 2026

PROJECT: Cedar Cliff Schools Connector Addition and Renovation
194 Walnut St
Cedarville, Ohio 45314

PROJECT #: 25056.00

OWNER: Cedar Cliff Local Schools
Contact: Brian Masser
194 Walnut St
Cedarville, Ohio 45314

ARCHITECT: Garmann Miller
38 South Lincoln Drive
P.O. Box 71
Minster, Ohio 45865

TO: Prospective Bidders

This addendum form is a part of the Contract Documents and modifies the Construction Documents dated June 24, 2026, with amendments and additions noted below.

Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may disqualify the Bidder.

This addendum consists of 3 pages, 2 specification sections, and 3 drawings.

FOR INFORMATION ONLY

- 1. Question: For the head-end equipment, what is the system being used? The specs call out that "a Bogen – Class Connection Series" is basis of design, but the "Class Connection Series" is a Valcom line, not a Bogen line.**
Answer: The headend equipment is an existing Valcom system, and does not need replaced, only expanded upon. Specification section 27 51 23 has been updated to reflect this.
- 2. Question: What manufacturer & product line is existing?**
Answer: Valcom Class Connection Series. Specification section 27 51 23 has been updated to reflect this.
- 3. Question: Does the existing equipment have room for expansion already?**



Answer: Existing equipment does have room for expansion.

4. **Question: After reviewing the information, it looks like they are expanding an existing system. Throughout it references Bogen Class Connection but I believe Class Connection is a Valcom product. Regardless, there is not enough information to quote the "head end" equipment with what is provided. Do they just want speakers and cabling installed?**

Answer: Head end equipment shall remain, speakers and cabling shall connect to existing Valcom system. Specification section 27 51 23 has been updated to reflect this.

5. **Question: At one point, it states, " wiring shall conform to recommendations of the subcontractor". I wasn't sure if there was another subcontractor installing the head-end equipment.**

Answer: There is not another subcontractor cabling shall be by the bidding contractor, the head end equipment is to remain.

6. **Question: Another point of clarification, it mentions circuits going through "classroom sound reinforcement". I am not sure what this means.**

"Room circuits shall be routed through classroom sound reinforcement system for auto mute" mean that the paging system takes priority over sound reinforcement in classrooms. Any classroom that has sound reinforcement will need this established.

CHANGES TO THE PROJECT MANUAL

1. Replace Section 27 51 23 User-Central Sound and Paging System in its entirety
2. Replace Section 28 31 01 Fire Alarm Detection System in its entirety.

CHANGES TO THE DRAWINGS

1. Drawing Sheet E1.2 Detail 1 First Floor Systems Plan – Unit A
 - a. New fire alarm devices shall be tied to their respective existing building fire alarm systems.
2. Drawing Sheet E1.3 Detail 1 Overall First Floor Power & Systems Plan
 - a. Existing fire alarm control panels and annunciator panels in both buildings are now existing to remain and shall not be replaced with new.
 - b. Remove fiber cabling between fire alarm panels. Panels shall not be networked together.
3. Drawing Sheet E1.3 Detail 2 Existing High School Fire Alarm Riser Diagram
 - a. Remove network connection to elementary school fire alarm control panel.
 - b. Remove scope for replacing fire alarm control panel and annunciator panels.
4. Drawing Sheet E1.3 Detail 3 Existing Elementary School Fire Alarm Riser Diagram
 - a. Added detail to show existing elementary school fire alarm control panel is existing to remain.
5. Drawing Sheet TCE1.1 OVERALL TECHNOLOGY CABLING AND EQUIPMENT PLAN:
 - a. Remove Detail 3 and Keynote 01.



ATTACHMENTS

The following attachments are included and are part of this addendum:

Specifications: 27 51 23, 28 31 01

Drawing Sheets: E1.2, E1.3, TCE1.1

END OF ADDENDUM



SECTION 27 51 23
CENTRAL SOUND AND PAGING SYSTEM

PART 1 GENERAL

1.01 RELATED SECTIONS

- A. The provisions of the General Conditions, Supplementary Conditions, and the Sections included under Division 1, General Requirements, are included as a part of this Section as though bound herein.
- B. Refer to Section 01 2300 for Alternates that may affect the Work of this Section.

1.02 DESCRIPTION OF WORK

- A. The work described in this section includes the furnishing of all materials, equipment, labor, service and the performance of all operations necessary for the extension of a existing microprocessor controlled classroom paging and central sound system and components, complete and in operating condition as indicated on the Drawings and/or described herein.
- B. Modes of communication shall include:
 - 1. Loudspeaker or group of loudspeakers from a program source.
- C. All programming shall be menu driven for ease of operation.
- D. System shall provide and support a 802.3 Ethernet port for communications with an external computer. It shall be possible to both create, manage and save (backup) system programming from a network connected external computer through a Microsoft Windows graphical user interface (Windows 7 up to the current release shall be supported).
- E. The system shall include programmable tones for emergency and civil emergency pages.
- F. The system shall provide 2,3, or 4 digit alpha/numeric architectural room numbering.
- G. The integral system master clock shall have 16 schedules, thirty two (32) zones, and 1536 time events.

1.03 SUBMITTALS

- A. Prior to commencement of work.
 - 1. Shop Drawings - Refer to Section 01 3000 - Administrative Requirements, for submittal procedures. Submit shop Drawings including product data sheets and wiring diagrams and shall include the following:
 - a. A complete bill of materials with model and part numbers and reference to the Specification paragraph number.
 - b. A complete set of detailed manufacturers Specifications describing and illustrating all standard and special components and materials.
 - c. Provide 1/8 inch = 1'-0" Drawings stipulating devices and wiring for review.
- B. Post Construction
 - 1. Provide signed (by attendees & trainer) & dated training syllabus for each completed training session to the Architect/Engineer Technology Designer.
 - 2. Operation & Maintenance Manuals
 - a. Provide complete O & Ms. One hard copy and PDF format.
 - b. Both formats shall be fully indexed by Section Name/System/Device.
 - 3. The Architect/Engineer Technology Designer may require operational demonstration of any products and systems to verify Execution/Installation/Configuration requirements are met.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Technology Kick-Off Meeting: Participate in a technology kick-off meeting at least two (2) weeks prior to the start of the work of this section.
 - 1. Attendance required
 - a. Contractor and contractor's on-site project manager
 - b. Related Subcontractors
 - c. Garmann/Miller Technology Designer
 - d. Construction Manager
 - e. Cedar Cliff Local Schools - Technology Coordinator
- B. Refer to Division 1 Front-End documents for additional requirements.

1.05 QUALITY ASSURANCE

- A. Equipment and components within the equipment shall be approved by UL, and shall meet National, State, and Local Requirements including the 2023 National Electrical Code.
- B. NFPA 70 - National Electric Code.
- C. Underwriter's Laboratory.
- D. ANSI/TIA/EIA-606-B for system records and labeling
- E. ANSI J-STD-607-C Telecommunications Bonding & Grounding.
- F. BICSI 14th Edition TDDM (Telecommunications Distribution Methods Manual)
- G. Americans with Disabilities Act.
- H. Federal Communications Commission Part 15.
- I. Sound System Engineering (Davis & Patronis) - 4th Edition 2013
- J. Audio Systems Design and Installation (Giddings) 1990

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. The equipment specified herein and shown on the Drawings is based upon the **Valcom-** Class Connect.

2.02 EQUIPMENT

- A. Central Equipment
 - 1. Classroom Equipment
 - a. The ceiling loudspeaker shall be a 1' x 2' lay-in grid type speaker system. 12 watt RMS, 92 dB-SPL - 1W/1M average sensitivity, 25 and 70.7 volt lines, 5 taps at -3 dB levels, and 65Hz - 17kHz frequency response. Speaker shall be white in color. Provide quantities as shown on plans. The standard of quality shall be Quam System 5 or equals by others.
 - b. The horn type paging speaker for mechanical/storage areas shall be wall mounted type with 16 watt power handling capacity, a sensitivity of 110 dB, 1W/1M, frequency response of 300-15kHz, and built-in 25/70 volt line transformer. Quantity as shown on plans. The standard of quality shall be Quam QH16T or equals by others.
 - c. The wall speakers in the public/academic areas shall be a wall mounted unit equal to Quam System 2 or equals by others
 - d. In high bay rooms and in open/cloud ceiling rooms, provide pendant mount speakers per drawings equal to a Bogen MPS2B with CK10B hanging kits (white is the default color unless noted otherwise). Equals by Clarity, Soundtube.
 - 2. Cable

- a. 20/2 stranded copper conductors shielded with overall jacket plenum rated mic and speaker wire: 7x28 stranding, 0.008" nominal flex plenum PVC insulation material, 100% Aluminum Polyester Foil shield, Stranded Tin Copper drain, 0.015" nominal flex plenum PVC jacket material, -10 to 60 degree C temperature rating, 300V RMS operating voltage rating, 60 pf/ft maximum capacitance @ 1 kHz between conductors, 108 pf/ft capacitance between conductors to shield @ 1kHz, 10.5 ohm/1M' DC resistance @ 20deg C.
 - 1) Approved Manufacturers: West Penn, Belden, Coleman, Windy City.
 - b. All open cabling must be plenum rated.
 - c. Shielded cables shall be bonded to the TGB/TMGB via the rack bonding busbar in the Telecommunication Room of origination.
3. Miscellaneous Equipment
- a. Call-in switch, quantity as shown on plans. The standard of quality shall be Quam C1B3. Class Connection V-2972PK, Bogen CA10A
 - b. Intercom station with speaker and call button for two way communication, quantity as shown on plans. The standard of quality shall be Telecor ICS-2A. Valcom VIP-172L-ST, Bogen ADP1
 - c. Microphone wall plates: single gang, stainless steel, single female XLR connector.
 - 1) Approved Manufacturers: Pro Co, Crown, Lowell.

PART 3 INSTALLATION

3.01 WIRING

- A. Circuits: Room speaker locations shall be on separate circuits and new corridor speakers shall be on one circuit.
- B. Room circuits shall be routed through classroom sound reinforcement system for auto mute.
- C. Wiring shall conform to recommendations of the subcontractor and shall be installed in accordance with the Specifications and as indicated on the Drawings.
- D. Interface central sound system with telephone system. Provide necessary transformers or relays to accomplish this.
- E. Interface with the District designated NTP server for clock signal.
- F. Contractor shall ground the AM and FM antennas using a No. 2 AWG and a 5/8" x 10 foot ground rod and the appropriate location on the nearest TGB/TMGB.
- G. Balance the levels of the loudspeaker units in the area to assure adequate coverage and level of sound throughout all areas as detailed hereinafter.
- H. Establish the normal settings for all controls for all systems and record same for future reference. All levels shall be set for optimum signal to noise ratio and signal balance.

END OF SECTION

SECTION 28 31 01
FIRE ALARM - DETECTION SYSTEM

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. The provisions of the General Conditions, Supplementary Conditions, and the Sections included under Division 1, General Requirements are included as a part of this Section as though bound herein.

1.02 SUMMARY

- A. Provide labor, material, equipment, and accessories necessary to ~~replace existing fire alarm control panels and annunciator panels and to extend~~ **existing** fire alarm system to new connector as indicated on the Drawings and specified herein.
- B. ~~Provide connections between the new addition, existing high school/middle school, and existing elementary school systems so each system will trigger the others, and any system can reset the systems. coordinate with existing conditions.~~

1.03 SUBMITTALS

- A. Shop Drawings
 - 1. The system manufacturer's representative shall be responsible for furnishing 5 sets of engineering drawings matching the layout, scale, and sheet size of the contract documents. These drawings shall be assembled in a manor to satisfy the most recently adopted edition of the Ohio Building Code (OBC) concerning Fire Alarm Detection System Shop Drawings. These drawings shall indicate the interlocking of equipment external to the various control panels. These Drawings shall be included in the submittal to the Architect/Engineer for approval and shall be stamped/signed by a manufacturer's representative who is NICET Level III or IV certified and certified by the State of Ohio Board of Building Standards (OBBS) as a fire alarm system designer, or stamped by a Professional Engineer in the State of Ohio. The Owner will pay the drawing approval fees associated with the state plan approval of the fire alarm system. The Architect will be responsible for submitting the final fire alarm system shop drawings to the state for approval. The Contractor must submit this shop drawing information in a timely manner so as not to impede the project progress.
 - a. The engineered drawings shall be stamped by the NICET certified designer or the PE of record for the fire alarm system.
 - b. The Contractor shall provide additional documentation, certification, etc. as required to submit for fire alarm system plan approval.
 - c. Fire alarm Drawings released with this set of specifications are for bidding purposes only. Devices are shown in the desired locations as coordinated with the building design, equipment, furniture, etc. The fire alarm system designer shall review the Drawings and notify the electrical engineer immediately if it is noticed that additional devices will be needed for code compliance.
 - 2. Complete and comprehensive shop drawings shall be submitted to the Architect/Engineer for review.
- B. Post Construction
 - 1. Provide signed (by attendees & trainer) & dated training syllabus for each completed training session to the Architect/Engineer Technology Designer.
 - 2. Operation & Maintenance Manuals
 - a. Provide complete O & Ms. PDF format.
 - b. PDF shall be fully indexed by Section Name/System/Device.

3. The Architect/Engineer Technology Designer may require operational demonstration of any products and systems to verify Execution/Installation/Configuration requirements are met.

1.04 QUALITY ASSURANCE

- A. Units on the fire alarm system shall be listed by Underwriters Laboratories, Inc. for fire alarm use, and the control panel shall bear the UL label. The system shall be installed in accordance with requirements set by National Electric Code with particular attention to Article 760 and in compliance with applicable provisions of Standards No. 72 published by the National Fire Protection Association (NFPA), section 907 of the Ohio Building Code (OBC) and also with Local Code requirements.
- B. All equipment must have transient protection to comply with UL864 requirements. Where fire alarm circuits leave the building, additional transient protection must be provided for each circuit.

1.05 CERTIFICATION

- A. The Contractor shall provide the services and equipment of an alarm service company certified by NICET as being capable of furnishing the signaling systems specified herein. All components of the fire alarm system shall be U.L. listed.
- B. The Contractor shall be certified by the system manufacturer for installation and programming with a minimum of five years experience with this system or similar fire alarm systems. All components of the fire alarm system shall be U.L. listed.

1.06 WARRANTY

- A. Components, parts, and assemblies supplied by the manufacturer shall be guaranteed against defects in materials and workmanship in a period of 12 months, commencing upon system start up and beneficial use, at which time the system is protecting property of occupants, provided such defects are not caused by a misuse, abuse, neglect, unauthorized tampering, equipment modifications, or acts of God. Warranty services shall be provided by a qualified factory trained representative of the equipment manufacturer during normal working hours. The representative shall be based in a fully staffed branch office and located within a reasonable distance from the job site. An adequate supply of repair parts shall be maintained by the branch office. The manufacturer shall not be liable for consequential damages. The manufacturer's statement of warranty shall be included in the submittals.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Mircom

2.02 FIRE ALARM CONTROL PANEL

- A. **Both the Elementary and High school fire alarm control panels are existing to remain.**
~~Provide a new analog/addressable Fire Alarm Control Panel (FACP), model number FX-2003-12NDS manufactured by Mircom. The FACP shall be capable of supporting up to 378 addressable points of any combination of addressable sensors or modules, equipped with a backlit LCD display, numerical keypad, and integrated UDACT/Digital Communicator. The digital communicator shall be able to be set for DACT or UDACT mode of operation. The FACP shall be configurable via the front panel, PC, or remotely through a built-in modem. The control panel shall have an interface for connection of up to seven remote annunciators.~~
 1. ~~Sensors shall be configurable as alarm, verified alarm, latching or non-latching supervisory, monitor, and trouble.~~

2. ~~Modules shall be capable to be configured as alarm, latching supervisory, non-latching supervisory, water flow, monitor, trouble, fire drill switch, signal silence switch, and aux disconnect.~~
 3. ~~Indicating circuits shall be configurable as silenceable or non-silenceable for both horns and strobes.~~
 4. ~~The control unit shall be capable of fire detection, equipment supervision and control, alarm management, and historical data collection and archiving.~~
- B. Provide panel with NAC extender modules as required to accommodate the number of NAC power supply units for a complete operating system.
- C. ~~The following components shall be supervised in the event of an open circuit and be identified by a yellow LED as to its faulty circuit, whether the trouble is in the alarm bell relay, device alarm, or alarm LED's.~~
1. ~~Provide necessary auxiliary contacts (alarm and trouble), for sending signals to the dialer system.~~
 2. ~~Provide necessary auxiliary contacts to shut down the AH units and close the smoke doors as required. See Drawings for location on initiation devices.~~
 3. ~~Control panel shall provide a telephone dialer actuation and supervisory circuit. A switch shall be provided to disconnect the fire alarm system from the telephone dialer. Actuation of the disconnect switch or disconnecting the dialer phone line shall cause the system trouble signal to operate and a specific telephone dialer disconnect LED to annunciate.~~
 4. ~~Control panel shall have provisions for graphic remote zone annunciation.~~
 5. ~~Provide non-electric graphic annunciator(s) with building floor plans engraved on plexiglas panel (color, scale, and room numbers to be selected by the Architect/Engineer). Floor Plan shall clearly indicate all areas of the building. Refer to Drawing for annunciator locations and quantities.~~
 6. ~~Provide wall surface mounted Electromagnetic Door Holders 2088-9582 or floor mounted 2088-9573 for single or for double doors, as shown on the Drawings.~~

2.03 SYSTEM DEVICES

- A. Addressable Manual Fire Alarm Pull Station.
1. The pull station shall be dual action pull lever type, key resettable, have a permanently attached intelligent addressable module, and have a plastic breakrod. The pull station shall have a red, metal die-cast housing.
 2. The pull station shall contain electronics that communicate the station's status to the FACP.
- B. Addressable Thermal Fire Detector and base.
1. Combination rate-of rise and 135 degrees F fixed temperature
 2. White polycarbonate housing.
 3. Low profile, flanged, addressable mounting base with electronics to communicate the detector's status to the FACP.
 - a. Thermal fire detectors used for direct control of other systems or devices (i.e. smoke dampers, door holds, elevators, shunt trip circuit breakers, etc.) shall have a mounting base equipped with an integral set of dry contacts, or an external intelligent addressable relay module may be used for control. Power through the relay to be coordinated with Division 26. Refer to E3 and E5 sheets for additional information.
- C. Addressable Area Photo Electric Smoke Detector and base.
1. Intelligent photoelectric smoke sensor with LED which flashes when detector is polled and turns steady on when detector goes into alarm.

- a. Provide a remote LED indicator for smoke detectors mounted above ceilings in smoke dampers and the like. LED indicator shall be flush mounted in ceiling directly below smoke detectors. Provide a label for the remote LED to indicate its purpose.
 2. White polycarbonate housing.
 3. Low profile, flanged, addressable mounting base with electronics to communicate the detector's status to the FACP.
 - a. Smoke detectors used for direct control of other systems or devices (i.e. smoke dampers, door holds, elevators, shunt trip circuit breakers, etc.) shall have a mounting base equipped with an integral set of dry contacts, or an external intelligent addressable relay module may be used for control. Power through the relay to be coordinated with Division 26. Refer to E3 and E5 sheets for additional information.
- D. Notification Devices:
1. Wall Strobe
 - a. Recessed synchronized strobe light with back box and trim, 24VDC, with light intensity of 110 candela, 225mA, flush mounted at 80 inches above finished floor or 6 inches below ceiling, whichever is lower.
 - b. Color: Red
 - c. Provide a sync module for notification devices.
 2. Recessed combination synchronized strobe light with 4 inch electronic horn (or single synchronized strobe), with back box and trim, 24VDC, with light intensity of 110 candela, 225mA, flush mounted at 80 inches above finished floor or 6 inches below ceiling, whichever is lower.
 - a. Wire circuits to a maximum of 80% capacity.
 - b. Provide a sync module for signal devices.
 - c. Color: Red
- E. Door Holders.
1. Provide surface mounted electromagnetic door holds where indicated on the Drawings.
 2. Provide the necessary extenders where conflicts arise with door hardware, existing walls or any conflicts preventing the door holders from reaching the magnet.

2.04 SYSTEM WIRING/CABLING

- A. Provide in accordance with manufacturer's instructions, wiring/cabling (in conduit), and outlet boxes for the erection of a complete system as described herein and as shown on the Engineer's Drawings. Minimum wire size shall be No. 14, provide wiring per manufacturer's requirements.
- B. Wiring shall be in accordance with requirements of the National Electrical Code and NFPA Regulation No. 72. The fire alarm, including components and wiring, shall be completely installed and wiring shall be properly tagged and color coded. The Contractor shall make final connections as shown and required by the equipment manufacturer's wiring instructions.
- C. The manufacturer's authorized representative shall perform a quality inspection of the final installation, which shall be done in the presence of the Contractor and local Authority Having Jurisdiction (AHJ). The representative shall submit a certificate of completion to the contractor when work is satisfactorily completed.

2.05 ~~SYSTEM PERFORMANCE REQUIREMENTS~~

- A. ~~The activation of any fire alarm station or automatic detector circuit shall automatically perform the following functions:~~
 1. ~~All automatic programs assigned to the alarm point shall be executed and the associated indicating devices and relays activated.~~
 2. ~~The System Alarm on appropriate panel will indicate an alert condition.~~

3. ~~Activate all control by event functions related to the alarm.~~
 4. ~~The approved certified Central Monitoring Agency to be signaled automatically.~~
 5. ~~Shut down individual HVAC units upon activation of local detectors.~~
 6. ~~Doors with hold open devices shall be signaled to release.~~
 7. ~~Sound a continuous alarm over all signals and activate the associated flashing light.~~
 8. ~~Activation of the building fire alarm system shall automatically unlock access controlled egress doors and the doors shall remain unlocked until the fire alarm system has been reset.~~
- B. ~~Test - Fire Drill Mode~~
1. ~~Include with the system a "Fire Drill Mode". Upon activation of Fire Drill Mode, the annunciators and horns and strobes will activate. HVAC units will NOT be shut down, and the communicator will NOT dial out to the central monitoring agency. This will be a button activation at the main control panel, and there will be button deactivation at the main control panel.~~
- C. ~~Emergency Lock Down Monitoring.~~
1. ~~The system shall monitor the access control system and release all doors with hold opens upon activation of the emergency lock down function without activating notification devices.~~

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install new manual stations, signals, wiring system, and power and automatic stations (ceiling smoke detectors, duct mounted smoke detectors, thermo detectors, and the like). Connect to ~~new~~ existing fire alarm system as required by system manufacturer.
- B. Installations shall be in strict conformance with the manufacturer's recommendations.
- C. Outlets shall be equipped with the appropriate fire alarm device.
- D. Wiring shall be installed in conduit.

3.02 PROGRAMMING

- A. Program the system using the Owner's final room number designations, not the Architect's room numbers as shown on the Drawings.

3.03 PARTIAL OR CONTINUED OCCUPANCY

- A. Should the Owner elect to partially occupy or continuously occupy the building prior to Substantial Completion of all work, the fire alarm system for that portion of the building so occupied, including the assigned means of egress from same, shall be made fully operational. System status shall be certified in writing by the manufacturer and the Division 26 Contractor.

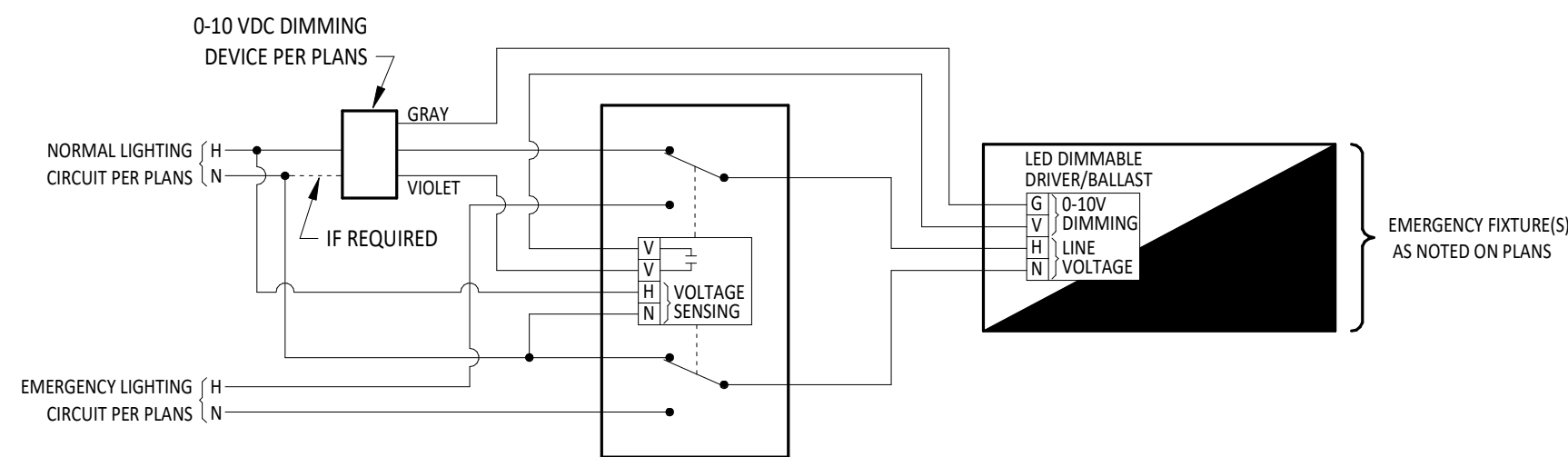
3.04 DEMONSTRATION/INSPECTION

- A. The manufacturer's authorized representative shall perform a quality inspection of the final installation and in the presence of electrical contractor and Owner's representatives, shall perform a complete functional testing of this system. A system certification verifying the proper system operation shall be required prior to acceptance by the Owner.
- B. Demonstrate entire system and proper function of each device.
- C. Coordinate and assist the Owner with the requirements and set-up of system monitoring with the monitoring company of the Owner's preference.

3.05 TRAINING

- A. ~~Provide four (4) hours training for District's personnel on the operation, programming and maintenance of the system.~~
- B. ~~Provide two (2) video copies of all training.~~

END OF SECTION



4 LIGHTING CONTROL SCHEMATIC - GENERATOR TRANSFER DEVICE



The map shows the outline of the Iberian Peninsula. A small rectangular area in the west, corresponding to the region of Galicia in northwestern Spain, is shaded in gray. This shaded area is labeled with the letter 'A' in the center, indicating the location of the study site.

KEY PLAN

A	WHERE DEVICES ARE SHOWN UNDER CABINETS, CASCKWORK, FURNITURE AND THE LIKE REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN CUT SPACE OR OPEN AREA.
B	CASCKWORK INSTALLER SHALL KUT HOLES IN CASCKWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.
C	ALL CONDUCTORS FOR EQUIPMENT CONNECTIONS SHALL BE COPPER UNLESS NOTED OTHERWISE AND APPROVED BY THE MANUFACTURER.
D	COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ALL REQUIRED CLEARANCES ABOUT ELECTRICAL EQUIPMENT WITH ACCORDANCE TO THE NATIONAL ELECTRICAL CODE.
E	REFER TO MECHANICAL, PLUMBING, AND OTHER APPLICABLE DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.
F	MAINTAIN ALL FIRE RATINGS WHERE CONDUIT PENETRATES WALL, CEILINGS, AND FLOORS WITH ONLY U LISTED FIRE ASSEMBLIES.
G	ALL LOW VOLTAGE CABLING FOR THE SCOPE OF WORK BY DIVISION 26, 7, AND 28 IN EXPOSED CEILING SPACES SHALL BE TO RIGIDLY MOUNT CONDUIT, COORDINATE WITH INSTALLER OF EACH SYSTEM PRIOR TO RIGIDLY MOUNT CONDUIT TO MATCH SURROUNDING AREA.
H	CONDUIT IN EXPOSED CEILING SPACES SHALL BE CONCEALED INSIDE WALLS. EXPOSED CONDUIT ENDS MAY ONLY BE ALLOWED IN JOINT SPACE NEAR ROOF.
I	ALL CONDUIT ENDS FOR CABLING NOT CONNECTED TO A BOX OR FITTINGS SHALL BE COVERED WITH NYLON BUSBAR OR PLASTIC CAPS TO PROTECT CABLING FROM DAMAGE.
J	ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.
K	ALL RECEPTACLES SHALL BE TAMPER RESISTANT.

KEYNOTE LEGEND	
#	KEYNOTE DESCRIPTION
1	NEW HORN/STROBE SHALL BE TIED TO EXISTING HIGH SCHOOL FIRE ALARM SYSTEM AND SHALL BE SYNCHRONIZED PREVIOUSLY.
2	DOOR HOLD FLUSHMOUNT BY DOOR HARDWARE SUPPLIER, INSTALLED BY E.C. DOOR HOLD SHALL RUN UPON ACTIVATION OF FIRE ALARM SYSTEM. COORDINATE WORK WITH DOOR HARDWARE INSTALLER.
3	MODIFY AND EXTEND EXISTING 277V EMERGENCY LIGHTING CIRCUIT TO NEW LIGHTS.
4	CONTRACTOR SHALL PROVIDE EMERGENCY CIRCUIT INDICATED BY FIGURE. EMERGENCY TRANSFER DEVICE AND ALL ASSOCIATED COMPONENTS NECESSARY FOR EMERGENCY LIGHT FIXTURE AS SHOWN IN DETAIL 4 ON THIS SHEET.
5	MODIFY AND EXTEND EXISTING 277V EXTERIOR LIGHTING CIRCUIT AND CONTROLS TO NEW LIGHT FIXTURE. PROVIDE 2-410 AWG, 1-410 AWG GROUND TO EMERGENCY CIRCUIT.
6	PROVIDE LEGRAND 700 SERIES SURFACE RACEWAY (CORE) VERTICAL FROM ABOVE ACCESSIBLE CEILING TO SERVE NEW WALL SWITCH. CONDUIT SHALL BE PAINTED TO MATCH WALL.
7	MODIFY AND EXTEND EXISTING LIGHTING CIRCUIT TO NEW LIGHTS.
8	NEW WALL SWITCHES TO CONTROL EXISTING ROOM LIGHTS. MODIFY AND EXTEND CONDUIT AND WIRING AS NECESSARY.
9	PROVIDE SINGLE GANG, FLUSH MOUNTED JUNCTION BOX ON EXTERIOR OF BUILDING WITH 1" CONDUIT STUBBED TO INSIDE. MOUNT THE BOX AND CABLE SLUICE ABOVE THE CEILING FOR FUTURE EXTERIOR CAMERA. PROVIDE PLASTIC BUSHING ON END OF CONDUIT AND WEATHERPROOF BLANK COVER FOR EXTERIOR BOX.
10	REMOVE EXISTING STRIKE, POWER PACE, DIVISION 26 TO PROVIDE PULL STUBBED ABOVE CEILING, BACK BOXES, RACEWAYS, BUSHINGS AND PULL STRINGS FOR FUTURE CABLEING FROM ABOVE CEILING TO DOOR FRAME. COORDINATE WORK WITH DOOR INSTALLER. REFERENCE DETAIL 3 ON THIS SHEET FOR 120-VOLT POWER REQUIREMENTS.
11	REMOVE METAL SURFACE RACEWAY FROM EXISTING MASONRY WALL EQUAL TO LEGRAND 700 SERIES VERTICAL, FROM BOX TO ABOVE ACCESSIBLE CEILING FOR FUTURE CARD READER. PROVIDE BLANK COVER ON BOX. PAINT RACEWAY TO MATCH WALL.
12	EXISTING SMOKE DETECTOR SHALL BE REINSTALLED IN NEW CEILING.
13	PROVIDE JUNCTION BOX WITH TOGGLE SWITCH FOR MAINTENANCE DISCONNECT ABOVE CEILING WITH CIRCUIT FOR FUTURE ACCESS CONTROL. CAP WIRES FOR FUTURE ACCESS.
14	MODIFY AND EXTEND EXISTING CIRCUIT FEEDING THIS AREA TO NEW DEVICE(S).
15	MODIFY EXISTING CIRCUIT PREVIOUSLY SERVING THIS AREA FOR NEW RECEPTACLE.
16	NEW HORN/STROBE SHALL BE TIED TO EXISTING ELEMENTARY SCHOOL FIRE ALARM SYSTEM AND SHALL BE SYNCHRONIZED WITH EXISTING.
17	PROVIDE SINGLE GANG, FLUSH MOUNTED JUNCTION BOX ON EXTERIOR OF BUILDING WITH 3/4" CONDUIT STUBBED TO ABOVE END OF CONDUIT FOR FUTURE CARD READER. PROVIDE PLASTIC BUSHING ON END OF CONDUIT AND WEATHERPROOF BLANK COVER FOR EXTERIOR BOX. COORDINATE WORK WITH E.C.
18	CIRCUIT PER AS-BUILT DRAWINGS. VERIFY CIRCUIT IN FIELD.
19	THIS SMOKE DETECTOR SHALL BE PROVIDED WITH A RELAY BASE AND SHALL BE TIED TO THE EXISTING ELEMENTARY SCHOOL FIRE ALARM SYSTEM AND SHALL RELEASE DOOR HOLDS UPON ACTIVATION OF ELEMENTARY SCHOOL FIRE ALARM SYSTEM.
20	THIS SMOKE DETECTOR SHALL BE PROVIDED WITH A RELAY BASE AND SHALL BE TIED TO THE EXISTING HIGH SCHOOL FIRE ALARM SYSTEM. THIS DETECTOR SHALL RELEASE DOOR HOLDS UPON ACTIVATION OF HIGH SCHOOL FIRE ALARM SYSTEM.
21	NEW MANUAL PULL STATION SHALL BE TIED TO EXISTING HIGH SCHOOL FIRE ALARM SYSTEM.
22	NEW MANUAL PULL STATION SHALL BE TIED TO EXISTING ELEMENTARY SCHOOL FIRE ALARM SYSTEM.

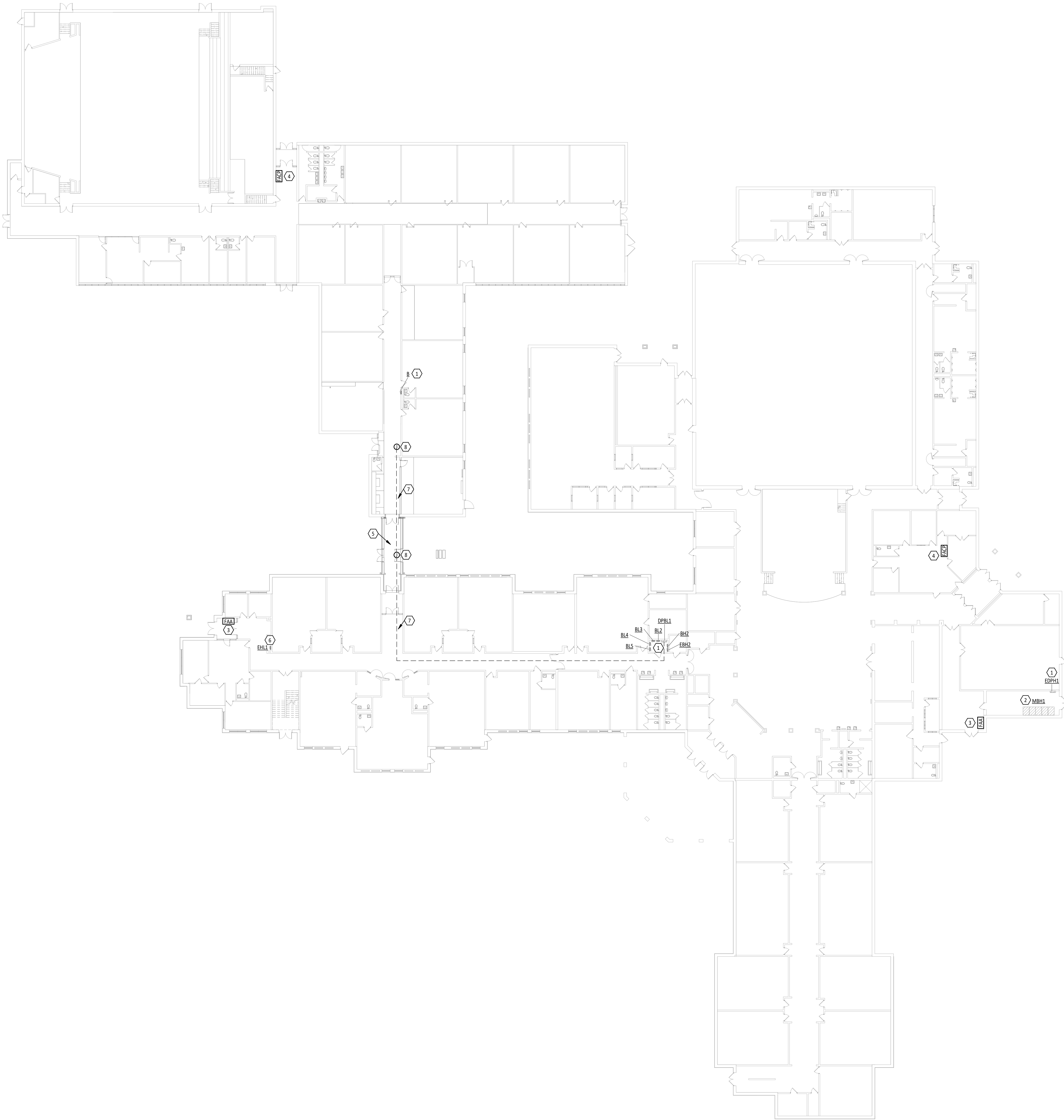
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
056.00	AEM	CDS

SHEET TITLE:

**ELECTRICAL PLANS
AND LUMINAIRE
SCHEDULE**

SHEET NUMBER:

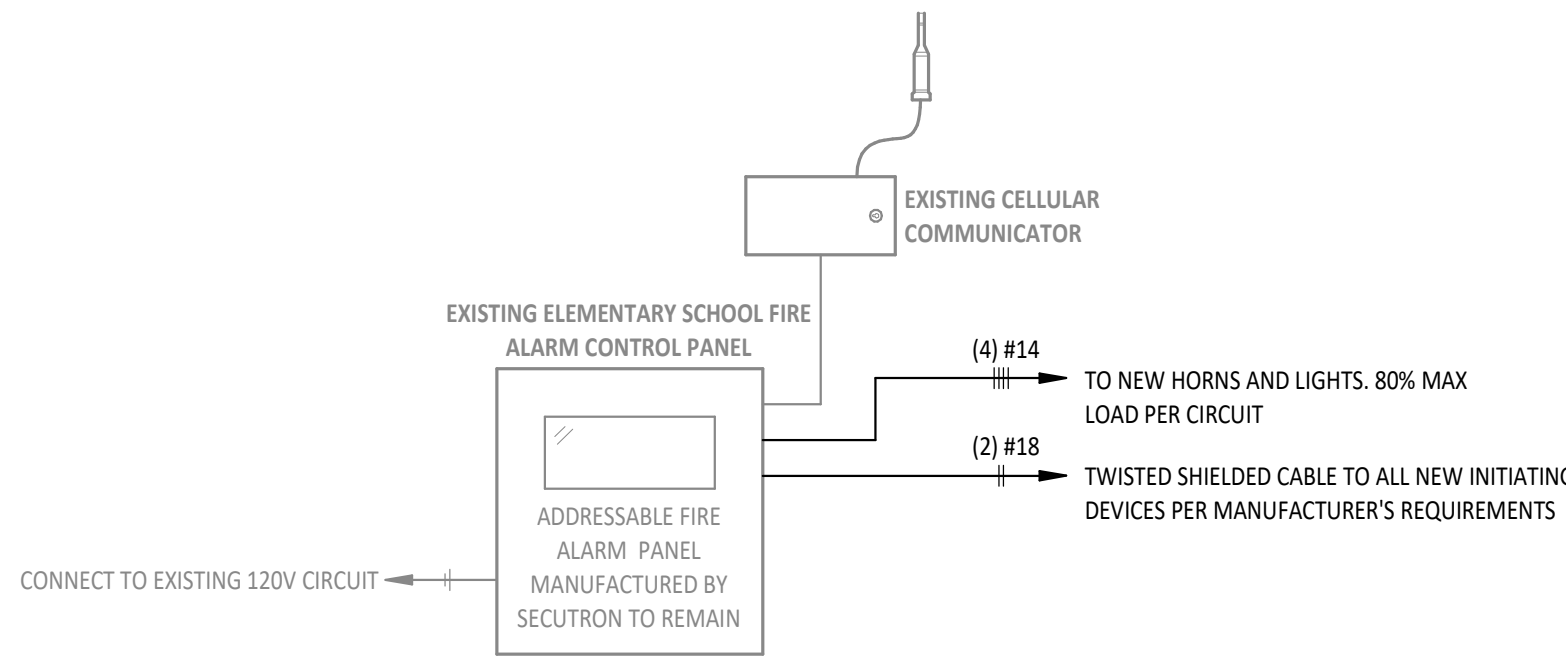
E1.2



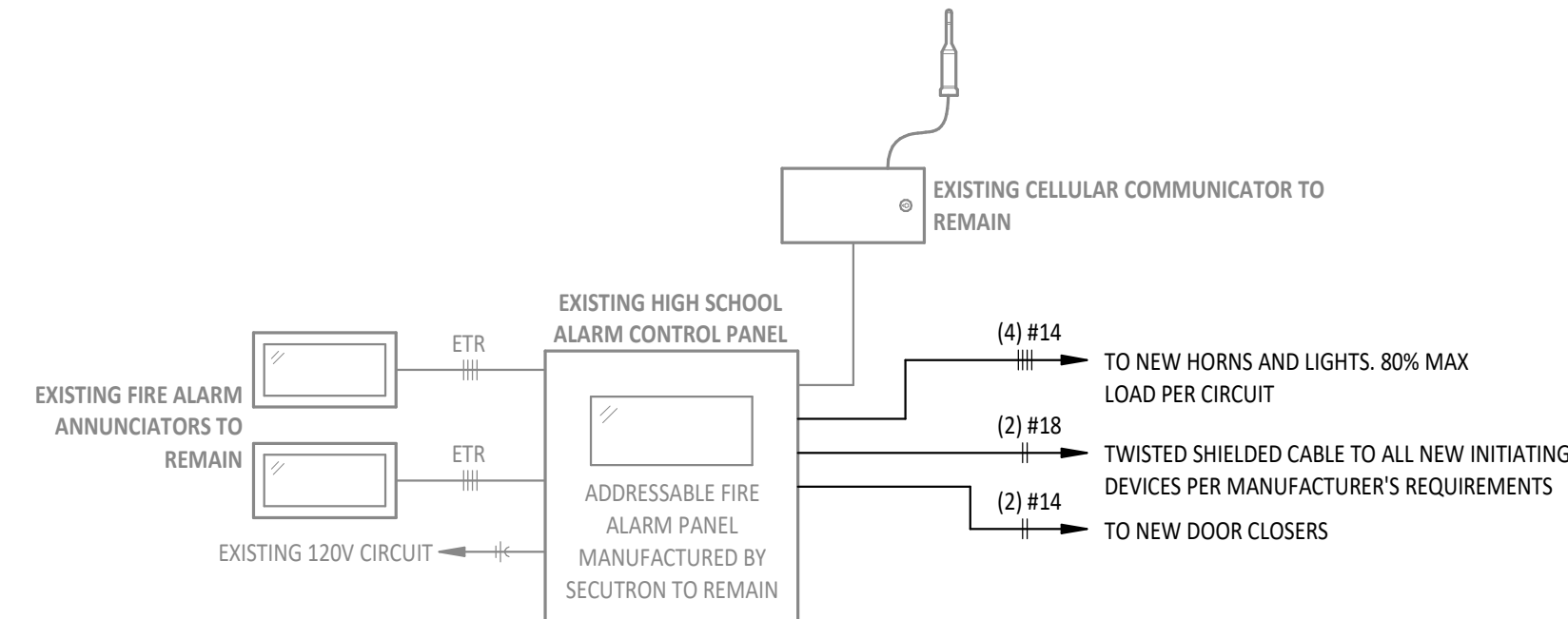
1 OVERALL FIRST FLOOR POWER & SYSTEMS PLAN
E1.3 1" = 20'-0"



3 EXISTING ELEMENTARY SCHOOL FIRE ALARM RISER DIAGRAM
E1.3 NTS



2 EXISTING HIGH SCHOOL FIRE ALARM RISER DIAGRAM
E1.3 NTS



KEYNOTE DESCRIPTION	
1	EXISTING PANELBOARD TO REMAIN. SHOWN FOR REFERENCE ONLY.
2	EXISTING MAIN SWITCHBOARD TO REMAIN. SHOWN FOR REFERENCE ONLY.
3	EXISTING FIRE ALARM ANNUNCIATOR PANEL TO REMAIN AND IS SHOWN FOR REFERENCE ONLY.
4	EXISTING FIRE ALARM CONTROL PANEL TO REMAIN AND IS SHOWN FOR REFERENCE ONLY.
5	PROVIDE PREMIUM RATED SINGLE MODE FIBER ABOVE CEILING BETWEEN FIRE ALARM CONTROL PANELS. PANELS SHALL BE NETWORKED TOGETHER.
6	EXISTING PANELBOARD TO REMAIN. PANEL LOCATED IN 2ND FLOOR MECHANICAL ROOM. SHOWN FOR REFERENCE ONLY.
7	PROVIDE (3) 3/4" CONDUITS WITH PULLSTRING FROM EXISTING DISTRIBUTION PANEL 'DPBL1' THROUGH NEW CONNECTOR AND INTO EXISTING BUILDING ABOVE CEILING FOR FUTURE MECHANICAL EQUIPMENT.
8	PROVIDE JUNCTION BOX ABOVE ACCESSIBLE CEILING FOR FUTURE MECHANICAL EQUIPMENT CONDUITS.



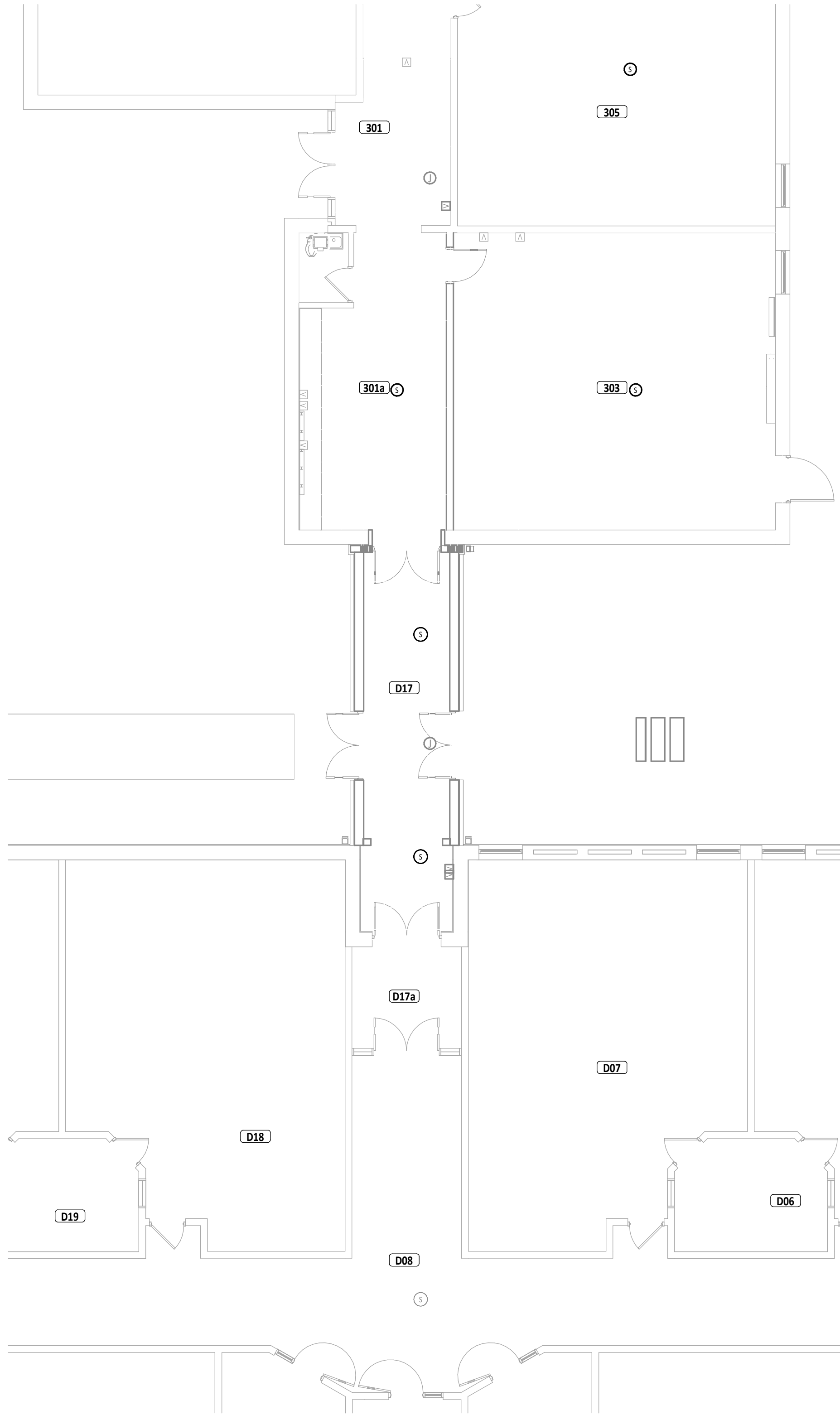
ADDITION AND RENOVATION FOR
CEDAR CLIFF LOCAL SCHOOLS - K-12 SOUTH CONNECTOR
ISSUED FOR: CEDARVILLE, OH 43114

ISSUANCES/REVISIONS		
CONSTRUCTION DOCUMENTS	06/24/2025	
1 ADDENDUM 03	07/22/2025	

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25056.00	AIM	CDS

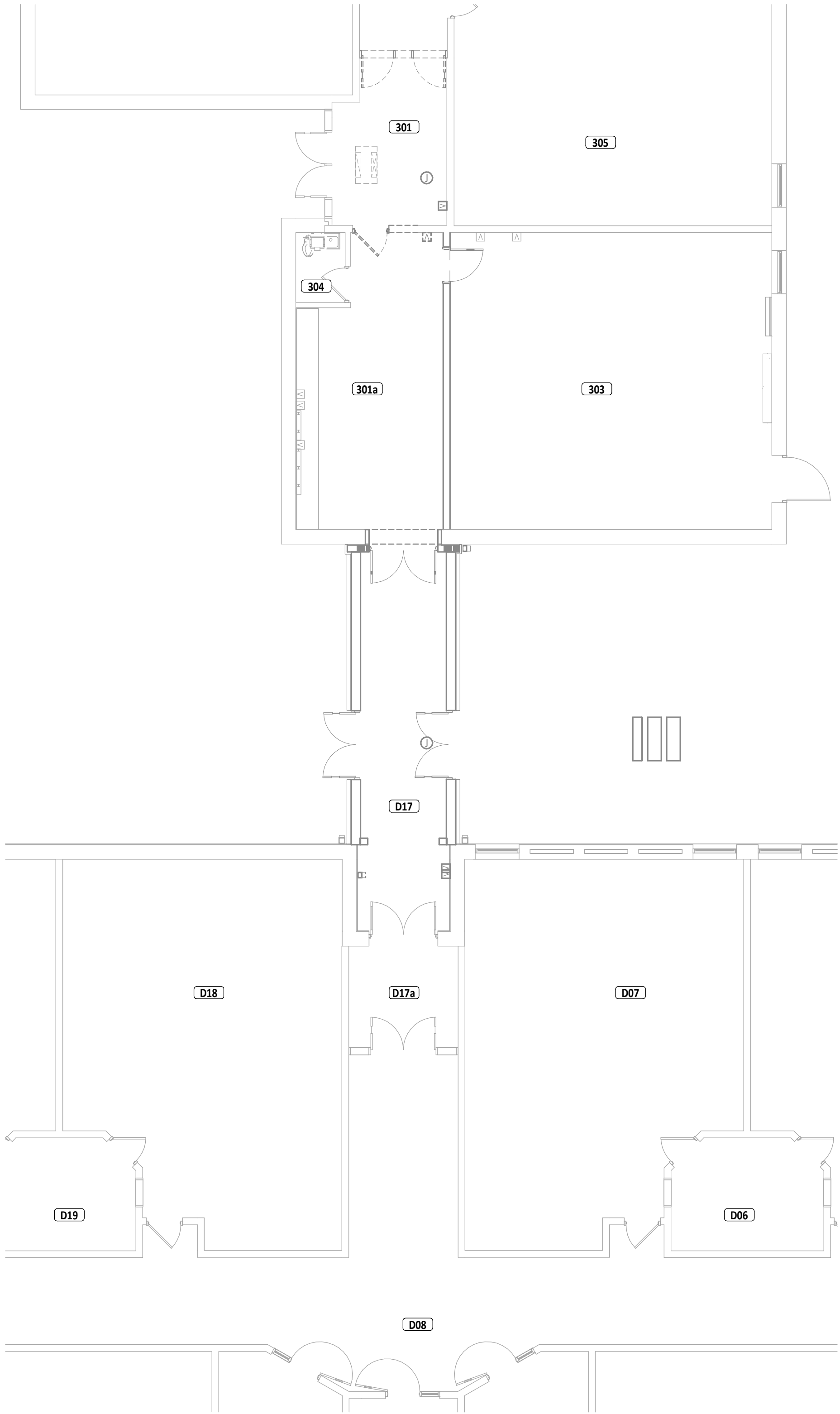
SHEET TITLE:
OVERALL BUILDING PLAN

SHEET NUMBER:
E1.3



1 FIRST FLOOR TECHNOLOGY CABLING PLAN
1/8" = 1'-0"

2 FIRST FLOOR TECHNOLOGY EQUIPMENT PLAN
1/8" = 1'-0"



FIRST FLOOR PLAN ROOM INDEX - UNIT B

ROOM NUMBER	ROOM NAME	AREA
B01	WOMEN'S RESTROOM	254 SF
B02	MEN'S RESTROOM	221 SF
B03	CUSTODIAN	32 SF
B04	FAMILY RESTROOM	70 SF
B05	CORRIDOR	1,568 SF
B06	VESTIBULE	312 SF
B07	CONCESSION	114 SF
B08	ELEVATOR MACHINE ROOM	50 SF
B09	ELEVATOR	53 SF
B10	BOY'S RESTROOM	279 SF
B11	GIRL'S RESTROOM	279 SF
B12	HEALTH CLINIC	299 SF
B13	RESTROOM	34 SF
B14	GIFTED CLASSROOM	675 SF
B15	CORRIDOR	587 SF
B16	ART CLASSROOM	1,202 SF
B17	KILN ROOM	124 SF
B18	ART STORAGE	229 SF
B19	ELECTRICAL CLOSET	52 SF
B20	TELECOMMUNICATIONS ROOM	64 SF
B21	INSTRUCT. MATERIALS STORAGE	94 SF
B22	CUSTODIAN	52 SF
B23	TABLE STORAGE	403 SF
B24	STAFF DINING	391 SF
B25	PHYSICAL EDUCATION STORAGE	311 SF
B26	CORRIDOR	633 SF
B27	STAGE	2,019 SF
B28	STUDENT DINING	4,447 SF
B29	CORRIDOR	785 SF
B30	VESTIBULE	97 SF
B31	MAIL/WORK/COPY ROOM	289 SF
B32	RESTROOM	53 SF
B33	GUIDANCE OFFICE	196 SF
B36	PRINCIPAL'S OFFICE	220 SF
B37	CONFERENCE ROOM	246 SF
B38	WAITING AREA	182 SF
B39	MS/ HS SECRETARY	473 SF
B40	ADMINISTRATIVE STORAGE	143 SF
B41	CORRIDOR	651 SF
B42	MAIN ENTRY	243 SF
B43	CUSTODIAL WORKROOM	395 SF
B44	CUSTODIAL OFFICE	103 SF
B45	MECHANICAL	1,455 SF
B46	ELECTRICAL	408 SF
B47	RECEIVING	635 SF
B48	PREP AREA	432 SF
B49	SERVING AREA	652 SF
B50	WARE WASHING	182 SF
B51	OFFICE	103 SF
B52	FREEZER	115 SF
B53	COOLER	115 SF
B54	DRY FOOD STORAGE	239 SF
B55	HALL	163 SF
B56	RESTROOM	75 SF
B57	LOCKER ROOM	91 SF

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
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ADDITION AND RENOVATION FOR
**CEDAR CLIFF LOCAL SCHOOLS - K-12 SOUTH
CONNECTOR**
SUSANAHUT'S CEDARVILLE, OH 43014

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	06/24/2006
1. ADDENDUM 03	07/22/2006

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25056.00	JMR	GAW

SHEET TITLE:
**OVERALL
TECHNOLOGY
CABLING AND
EQUIPMENT PLAN**

SHEET NUMBER:
TCE1.1