

**RICHMOND COMMUNITY SCHOOLS
RICHMOND HIGH SCHOOL
HVAC REPLACEMENT PROJECT – Re-Bid**

LWC Commission No. 23122.00

**ADDENDUM #01
June 25, 2024**

LWC, Inc.
712 EAST MAIN ST
RICHMOND, IN 47374

To Prospective Bidders:

This addendum is a modification of the Contract Documents for the above referenced project and is hereby incorporated into and becomes a part of said Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification. It is to be considered in the Proposals and covers additions to or changes in the Contract Documents as indicated below.

Attachments:

- Specifications:
 - o 00001 – INDEX
 - o 230800 – HVAC COMMISSIONING
- Specifications:
 - o T001 – Title Sheet

GENERAL NOTES

- The last day for Bidder questions is July 12, 2024.
- The last Addendum will be issued July 12, 2024.
- **Bids are due at 2:00 pm, July 16, 2024, at the School Administration Building, 300 Hub Etchison Parkway**

DRAWINGS

1. T001 – Title Sheet
 - a. Updated Sheet Index
 - b. Updated Code Review

SPECIFICATIONS

1. 00001 – INDEX
 - a. Updated Index
2. 230800 – HVAC Commissioning
 - a. Added Section

END OF ADDENDUM #01

SPECIFICATION

For

**RICHMOND HIGH SCHOOL
HVAC REPLACEMENT PROJECT**

SPECIFICATION SECTIONS	BID SET	PERMIT SET	CONFORMED SET
DIVISION 0 SECTIONS – BIDDING AND CONTRACT REQUIREMENTS			
000010 – Notice to Bidders	X		
000100 – Instruction to Bidders	X		
000200 – Wage Scale	X		
000400 = Bid Proposal Form	X		
000401 – Form 96	X		
000500– Preliminary Schedule	X		
000700 – A201 – General Conditions	X		
000701 – Modifications to General Conditions	X		
000800 – Supplementary Conditions	X		
001031 – A101 Standard Form of Agreement	X		
001031A – Exhibit A – Insurance and Bonds	X		
001031B – Exhibit B – Bid Bond	X		
001031C – Exhibit C - Payment Bond	X		
001031D – Exhibit D – Performance Bond	X		
DIVISION 1 SECTIONS – GENERAL CONDITIONS			
011000 – Summary	X		
012300 - Alternates	X		
012600 – Contract Modification Procedures	X		
012900 – Payment Procedures	X		
013100 – Project Management and Coordination	X		
013300 – Submittal Procedures	X		
014000 – Quality Control Services	X		
014200 - References	X		
015000 – Temporary Facilities and Controls	X		
016000 – Product Requirements	X		
017300 - Execution	X		
017329 – Cutting and Patching	X		
017400 - Warranties	X		
017419 – Construction Waste Management and Disposal	X		
017700 – Closeout Procedures	X		
017823 – Operation and Maintenance Data	X		

017839 – Project Record Documents	X		
017900 – Demonstration and Training	X		
DIVISION 2 SECTIONS – EXISTING CONDITIONS			
024119 – Selective Structure Demolition	X		
DIVISION 3 SECTIONS - CONCRETE			
033000 – Cast-in-Place Concrete	X		
035113 – Cementitious Wood Fiber Decks	X		
DIVISION 4 SECTIONS - MASONRY			
042000 – Unit Masonry	X		
042200 – Concrete Unit Masonry	X		
DIVISION 5 SECTIONS - METALS			
055000 – Metal Fabrications	X		
DIVISION 6 SECTIONS			
061000 – Rough Carpentry	X		
DIVISION 7 SECTIONS			
072100 – Thermal Insulation	X		
075323 – EPDM Roofing	X		
079200 – Joint Sealants	X		
DIVISION 8 SECTIONS			
081113 – Hollow Metal Doors and Frames	X		
081416 – Flush Wood Doors	X		
087100 – Door Hardware	X		
DIVISION 9 SECTIONS			
092216 – Non-Structural Metal Framing	X		
092400 – Portland Cement Plastering	X		
092900 – Gypsum Board	X		
093000 – Tiling Waterproof Membrane	X		
095113 – Acoustical Panel Ceilings	X		
096513 – Resilient Base and Accessories	X		
096519 – Resilient Tile Flooring	X		
099123 – Interior Painting	X		
DIVISION 10 SECTIONS			
102113 – Toilet Compartments	X		
102800 – Toilet Accessories	X		

DIVISION 11 SECTIONS			
NOT USED			
DIVISION 12 SECTIONS			
NOT USED			
DIVISION 14 SECTIONS			
NOT USED			
DIVISION 20 SECTIONS	X		
200100 – General Provisions - Mechanical	X		
200200 – Scope of the Mechanical Work	X		
200300 – Shop Drawings, Maintenance Manuals and Parts Lists	X		
200400 – Demolition and Salvage	X		
201100 – Sleeving, Cutting, Patching Firestopping & Repairing	X		
201300 – Pipe, Pipe Fittings & Pipe Support	X		
201310 – Pipe Filling, Cleaning, Flushing, Purging and Chemical Treatment	X		
202100 – Valves	X		
202200 – Insulation – Mechanical	X		
202300 – Thermometers, Pressure Gauges, Etc.	X		
202400 – Identifications, Tags, charts, Etc.	X		
202500 – Hangers, Clamps, Attachments, Etc.	X		
203100 – Testing, Balancing, Lubrication and Adjustments	X		
DIVISION 23 SECTIONS			
230200 – HVAC Equipment	X		
231100 – Registers, Grilles, Diffusers & Louvers	X		
231200 – Sheet Metal	X		
231210 – HVAC System Cleaning	X		
DIVISION 25 SECTIONS			
250100 – Electrical Motors and Other Electrical Requirements for Mechanical Equipment	X		
250400 – Controls – Direct Digital – Web Based	X		

END OF INDEX

DIVISION 23 - HVACSECTION 230800 - HVAC COMMISSIONINGPART 1 - GENERAL

1.1 RELATED WORK

1.1.1 Division 22 – Plumbing

1.1.2 Division 26 – Electrical

1.2 REFERENCES

1.2.1 Drawings and general provisions of contract, including general and supplementary conditions, general mechanical provisions and Division-1 Specification sections, apply to work of this section.

1.2.2 ASHRAE Guideline 1-1996

1.2.3 ASHRAE Guideline 0-2005

1.2.4 ACG Commissioning Guideline – 2005

1.3 DESCRIPTION OF WORK

1.3.1 The purpose of the commissioning process is to provide the owner/operator of the facility with a high level of assurance that the mechanical systems have been installed in the prescribed manner, and operate within the performance guidelines set in the Basis of Design Documents (BOD). The CA shall provide the owner with an unbiased, objective view of the system's installation, operation, and performance. This process is not intended to take away or reduce the responsibility of the design team or installing contractors to provide a finished product. Commissioning is intended to enhance the quality of system start-up and aid in the orderly transfer of systems for beneficial use by the owner. The CA will be a member of the construction team, administrating and coordinating commissioning activities with the design team, construction manager, subcontractors, manufacturers and equipment suppliers.

1.3.2 The independent commissioning agent (CA) contracted directly with the owner for this project. This specification has been included for reference only to define contractors' responsibilities. Each contractor should review this procedure and include adequate time in their proposal.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

3.1 ROLES OF THE COMMISSIONING AGENCY

3.1.1 The primary point of responsibility is to inform the construction manager, the owner and design team on the status, integration, and performance of HVAC systems within the facility.

3.1.2 The CA shall function as a catalyst and initiator to disseminate information and assist the design and construction teams in implementing completion of the construction process. This shall include system verification, functional performance testing, and conformance with the intended design of each system.

Services include documenting construction observations, verification and functional performance testing, and documenting proper distribution of performance and operating information to the owner's O&M staff.

- 3.1.3 Assist the responsible parties to maintain a high quality level of installation by meeting or exceeding prevailing standards and specifications.
- 3.1.4 The CA shall observe and coordinate testing as required to assure system performance meets the design intent.
- 3.1.5 The CA shall document the results of the performance testing directly and/or assure that the appropriate technicians document testing. The CA shall approve standard forms to be used by all parties for consistency of approach and type of information to be recorded.
- 3.1.6 The CA shall provide technical expertise to oversee and verify the correction of deficiencies found during the commissioning process.
- 3.1.7 The CA is to remain an independent party with specific knowledge of the project. The CA shall investigate the scope and extent of the problem and facilitate communication to determine responsibilities by delineating specifications. The CA shall monitor resolution for conformance with design intent and prevailing industry standards.
- 3.1.8 The CA shall document the date of acceptance as determined by the construction manager, owner and design team. System Verification Checklists and Functional Performance Test results may be used in determining the start of the warranty period for HVAC systems and subsystems.
- 3.1.9 The CA will review operating and maintenance materials for HVAC systems.
- 3.1.10 The CA will review phasing plans as provided by the CM relating to temporary use of HVAC equipment, O&M considerations, warranty issues, impact of construction sequencing on occupied areas, and interruption of services from the existing equipment.

3.2 SYSTEMS INCLUDED IN THE COMMISSIONING PROCESS

Energy Recovery Ventilator
DDC Control System
VAV Air Handling Unit
Classroom Air Handling Unit

3.3 HVAC COMMISSIONING PLAN

- 3.3.1 Commissioning Team: The Commissioning Team (CT) shall consist of key parties involved in design, construction and testing of this facility. It is necessary for each agency to appoint team members that will have long-term commitments to this project. Switching team members during the project will reduce the ability of the CT to provide continuity and acceptable results to the building owner. Team members must maintain an ongoing supervisory position on this project. One team member shall be provided by each of the parties listed below:

Program Manager (PrM)
Facilities Management Division (FMD)
Commissioning Agent (CA)
Design Team (DT)
General Contractor (GC)
Mechanical Contractor (MC)
Controls Contractor (CC)

Test and Balance Contractor (TABC)
Electrical Contractor (EC)

3.3.2 Basis of Design Document

- The Basis of Design Document (BOD) represents a composite of design drawings, project specifications, submittals, change orders and industry standards that describe the systems of this facility. References to design intent will be taken from these contract documents. The BOD is an evolving manuscript maintained by the design professional to track and incorporate design alterations that occur throughout the construction process. Any industry standards used for this project will be specifically noted when referenced.
- The CA will review the BOD documents for adequate commissioning provisions, functional performance, optimization of performance, accessibility, TAB provisions, and O&M considerations.

3.3.3 Commissioning Meetings: Commissioning meetings will be held in conjunction with progress meetings as necessary. The CA will be on site for the CX meetings. Commissioning meetings will be used to address any problems that alter the design intent or affect the commissioning process. These meetings provide an open forum for exchange of ideas between contractors, vendors, designers, users and owners.

3.3.4 Resolution Tracking Forms (RTF)

- The use of Resolution Tracking Forms is a method employed by the CA to monitor and record problems, their causes, and solutions. The use of these lists promotes communication between the installing contractors, design team, commissioning agent, and owner, in order to expedite their resolution in a timely manner.
- The CA will regularly submit RTF's to the CT in order to document and resolve deficiencies as quickly as possible. The frequency of RTF submission will be adjusted as project conditions dictate.

3.3.5 System Verification Checklists (SVC) / Manufacturers' Checklists

- The MC will provide SVC's based on manufacturers start-up procedures. These tests should be provided for all systems and subsystems. See *SYSTEMS INCLUDED IN THE COMMISSIONING PROCESS*. Draft copies will be submitted to the CT for review and comment prior to placement on the job site. A master copy of the SVC's will be bound in a three-ring binder and placed on the job site for use by the installing contractors. No system will be started until the appropriate SVC's have been completed.
- The CA will review the SVC for each piece of equipment prior to start-up. Equipment will be released for start-up only after these checklists have been completed by the installing contractor and reviewed by the CA.
- The equipment manufacturers' checklists must also be reviewed by the CA prior to start-up. These lists must be completed by the installing contractor, and reviewed by the CA before start-up can commence.

3.3.6 Start-Up

- Start-up of major HVAC systems will be witnessed the CA. The appropriate contractors and/or manufacturer's representative will be required on site to perform start-up. No system will be started until the appropriate SVC's have been completed. No system will be started until the Manufacturer's checklists have been completed. Start-up will be performed according to the Manufacturer's recommended procedures. The CA will visit the site to review completeness of installation in conjunction with progress meetings prior to starting HVAC equipment.
- CT members involved in installation, fabrication, manufacture, control, or design of equipment are required to be present at the time of start-up. A factory-authorized technician will be on site to start equipment when required by the specifications. This will minimize delays in bringing equipment on line and expedite acceptable functional performance in accordance with the BoD.

3.3.7 Controls Monitoring: Close monitoring of the Control Contractor's progress will promote efficient coordination of the TAB work. The CC will be expected to submit point-to-point checklists verifying that his work has been completed and all systems are ready for TAB work and Functional Performance Testing.

Programming and graphics will be surveyed by the CA for completeness and conformance with the BoD and the owner's scheduling requirements.

3.3.8 TAB Monitoring

- The preliminary TAB report set-up will be reviewed prior to HVAC equipment start-up, in order to assure that the final TAB report format and content is acceptable.
- TAB work will be monitored so that any problems that prevent or hinder proper air and water balance can be addressed and corrected with minimal delays. By addressing these problems as quickly as possible, we can assure that functional performance testing and owner training will take place on schedule.
- A pencil copy of the TAB report will be reviewed prior to submission of the final TAB report. A written review will be submitted to the TAB contractor and to the DT for their comments. A TAB report approved by the DT will be required before Functional Performance Testing can be carried out. The CA will visit the site during the TAB process in order to assist TABC and CC in the effective completion of their scope of work.

3.3.9 Functional Performance Tests (FPT)

- The CA will write FPT's based on the respective sequence of operations. These tests will be created for systems and subsystems. See *SYSTEMS INCLUDED IN THE COMMISSIONING PROCESS* above.
- Each major system will be tested. A random sample of each subsystem will be tested. This will be coordinated and witnessed by the CA and the owner's maintenance staff. Witnessing the FPT's will serve as a compliment to the O&M Training. No FPT's will be performed until the system and related subsystems have been started, the TAB report has been submitted and reviewed, and the completion of the control system has been documented through point-to-point checklists and other documentation.
- The Functional Performance Tests shall include HVAC and related equipment.
 - Units will be tested in designed operating modes. Proper operation will be verified at automatic control, and other modes, if necessary, to achieve BOD conformance.
 - Hot water system will be tested.
 - EF's will be tested for conformance to BoD.
 - Vacuum Pump
 - Medical Air Compressor
 - DDC control systems will be tested as necessary.
 - HVAC systems will be tested to assure that the building as an integrated system operates properly.
 - Trend verification of systems and subsystems shall be completed prior to start of functional performance testing. CA will provide trend format to CC and discuss trend requirements in CX meetings throughout the construction phase of project.
- Deferred Testing
 - If tests cannot be completed because of a deficiency outside the scope of the responsible contractor, the deficiencies shall be documented and reported to the Owner. Deficiencies shall be resolved and corrected by the appropriate parties and test rescheduled.
 - Off-season mode testing will be implemented as necessary to assure conformance with the BoD. Installing contractors will be expected to participate as required by the project specifications.
- Rescheduled Functional Performance Test
 - During Functional Performance Testing period, it is assumed that the contractors will be complete with all checklists when the commissioning agents travel to site. If the work is not ready for commissioning when the commissioning personnel are on site, their time will be billed to the contractor as an additional fee.
 - If the contractor has deficiencies that cannot be corrected at the time of the test, that part of the sequence will be retested at a later date. If the deficiency does not pass during the retest, the contractor will be billed for the commissioning personnel's return trip.
- Building Turn-Over / Owner Orientation / User Training
 - The CA will oversee contractors prepare, coordinate and review O&M manuals, working closely with each contractor to achieve specificity and completeness.

- The CA will review as-built drawings, working closely with each contractor to achieve specificity and completeness.
- Owner training will be coordinated with the assistance of the CA. The training will be provided by the installing contractor, or manufacturer's representative, and witnessed by the CA. This training should include both classroom training and hands-on operational training. The owner may choose to videotape this training for future use. The CA will visit the site during the Turn-Over and Training period to assure that any on-going HVAC related problems are being addressed and corrected in a timely and efficient manner.
- The CA will assist in the coordination of off-season testing, calibrating, and servicing as specified in the contract documents.

3.4 RESPONSIBILITIES OF TEAM MEMBERS

3.4.1 General Contractor (GC)

- Include commissioning requirements in the mechanical, electrical, and controls contracts, as well as other subcontracts, to assure full cooperation of all parties in the HVAC commissioning process.
- Assure acceptable representation, with the means and authority to prepare and coordinate execution of the mechanical commissioning program as described in the contract documents.
- Assure that the CA shall receive a copy of all construction documents, addenda, change orders and appropriate approved submittals and shop drawings for review and use in development of the commissioning plan.
- Coordinate inclusion of commissioning activities in the construction schedule.
- Facilitate resolution of deficiencies identified by observation or performance testing.
- Assist the CA in monitoring the duct leakage testing.

3.4.2 Mechanical Contractor (MC)

- Each contractor in this division shall include in their quote the cost of participating in the commissioning process.
- Include requirements for submittal data (including partial load data), O&M data, and training in each purchase order or sub-contract.
- Assure cooperation and participation of specialty sub-contractors such as sheet metal, piping, refrigeration, water treatment, temperature controls, and TAB in commissioning activities.
- Assure participation of major equipment manufacturers in appropriate startup, training, and testing activities.
- Attend commissioning meetings scheduled by the CA.
- Assist the CA in system verification and performance testing.
- Prepare preliminary schedule for HVAC system inspections, O & M manual submission, training sessions, pipe and duct system testing, flushing and cleaning, equipment start-up, system verification, performance testing, and system completion for use by the CA. Update schedule as appropriate throughout the construction period.
- Complete System Verification Checklists and manufacturer's pre-start checklists prior to scheduling startup of HVAC equipment.
- Monitor and respond to Resolution Tracking Forms distributed by the CA in order to expedite corrective actions necessary to achieve design intent.
- Notify the CA a minimum of two weeks in advance of scheduled system start-up.
- Update drawings to as-built condition and review with the CA throughout the construction process.
- Schedule vendor and subcontractor provided training sessions as required by project specifications.
- Provide written notification that the following work has been completed in accordance with the project specifications, and that the equipment, systems and sub-systems are operating in accordance with design intent.
 - HVAC equipment including fans, AC units, fan coil units, ductwork, dampers, terminal devices, etc.

- Fire detection and smoke detection devices furnished under other divisions as they affect the operation of the HVAC systems.
 - That BAS is functioning in accordance with design intent.
 - Participate in the Functional Performance Tests.
 - Participate in the off-season mode testing.
 - Participate in O&M Training as required by project specifications.
 - Provide a complete set of as-built drawings and O & M manuals for review. The CA shall review the as-built drawings and O&M manuals concurrently with the design team.
- 3.4.3 Test and Balance Contractor (TABC)
- Include cost for commissioning requirements (participation) in the contract price.
 - Attend commissioning meetings scheduled by the CA.
 - Submit the TAB procedures and preliminary TAB report to the CA for review at least two weeks prior to beginning TAB work.
 - Notify the CA a minimum of two weeks in advance of scheduled TAB work.
 - Provide partial, preliminary TAB Reports by phase, by building section, by system, or as required by the CA.
 - Assist the CA in system verification and performance testing.
 - Monitor and respond to Resolution Tracking Forms distributed by the CA in order to expedite corrective actions necessary to achieve design intent.
 - Participate in verification of the TAB report, which will consist of repeating any selected measurement contained in the TAB report where required by the CA for verification or diagnostic purposes.
 - Participate in the Functional Performance Tests as required to achieve design intent.
 - Provide sound and vibration where required to assist in diagnosis of areas exhibiting unacceptable levels of noise or vibration.
 - Participate in the off-season mode testing as required to achieve design intent.
 - Participate in O&M Training as required by project specifications.
- 3.4.4 Temperature Control Contractor (TCC)
- Include cost for commissioning requirements in the contract price.
 - Review control sequence and component selection for conformance with design intent.
 - Attend a submittal review meeting with the CA and Engineer to ensure clear understanding of scope of work and expectations.
 - Verify that specified safeties and interlocks have been selected.
 - Verify proper selection of control valves and actuators based on design parameters.
 - Verify proper selection of control dampers and actuators based on design parameters.
 - Verify that sensor selection conforms to design intent.
 - Attend commissioning meetings scheduled by the CA.
 - Provide the following submittals to the CA:
 - Hardware and software submittals.
 - Control panel construction shop drawings.
 - Narrative description of control sequences for each HVAC system and subsystem.
 - Schematics showing all control points, sensor locations, point names, actuators, controllers and where necessary, points of access.
 - A list of all control points, including analog inputs, analog outputs, digital inputs and digital outputs. Include the values of all parameters for each system point. Provide a separate list for each stand-alone control unit.
 - A complete listing of all software routines employed in operating the control system. Also provide a program narrative that describes the logic flow of the software and the functions of each routine and sub-routine. The narrative should also explain individual math or logic operations that are not clear from reading the software listing.
 - Hardware operation and maintenance manuals.
 - Application software and project applications code manuals.

- Panel and equipment insert documents.
- Assist CA with remote monitoring capabilities. Supply any software and/or hardware needed.
- Verify that specified interfaces provided by others are compatible with BAS hardware and software.
- Coordinate installation and programming of BAS with construction and commissioning schedules.
- Complete System Verification Checklists and manufacturer's pre-start checklists prior to scheduling startup of HVAC equipment.
- Provide control system technician to assist during equipment startup.
- Monitor and respond to Resolution Tracking Forms distributed by the CA in order to expedite corrective actions necessary to achieve design intent.
- Participate in the Functional Performance Tests as required by the project specifications.
- Provide a control system technician to assist during verification and performance testing.
- Provide system modifications to achieve system operation as defined by the design intent.
- Provide support and coordination for TAB contractor. Provide all devices, such as portable operator terminals and all software for the TAB to use in completing TAB procedures.
- Provide written notification that the TCC scope of work has been completed in accordance with the project specifications, and that the equipment, systems and sub-systems are operating in accordance with design intent, and that BAS is functioning in accordance with design intent.
- Participate in the Functional Performance Tests as required to achieve design intent.
- Participate in the off-season mode testing as required to achieve design intent.
- Participate in O&M Training as required by project specifications. Include training on hardware operations and programming

END OF SECTION

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Richmond Community Schools RICHMOND HIGH SCHOOL

HVAC REPLACEMENT PROJECT

380 Hub Etchison Pkwy,
Richmond, IN 47374

06.19.2024

COMMISSION # 23122.00

RE-BID DOCUMENTS

PME:



STRUCTURAL:



CODE SUMMARY:
CODE REVIEW:
THIS SCOPE OF THIS PROJECT IS A MECHANICAL REPLACEMENT AND FINISHES UPGRADES SERVING THE ART ROOMS, TV/RADIO ROOM, AND INFORMATION TECHNOLOGY ROOM. ALSO, PART OF ALTERNATE SCOPE OF WORK, INCLUDES THE REMODELING OF (2) RESTROOMS. THERE IS NO CHANGE TO OCCUPANCY OR MEANS OF EGRESS INCLUDED AS PART OF THIS PROJECT. THE CONTINUATION OF ALL SPACES WILL REMAIN UNCHANGED BY THIS PROJECT. ALL WORK SHALL CONFORM TO THE CURRENT INDIANA CODES.
ALL NEW COMPONENTS AND SYSTEMS WILL BE INSTALLED TO CURRENT INDIANA CODES WHICH ARE:
• INDIANA BUILDING CODE, 2014 Ed. (IBC 2012 WITH AMENDMENTS)
• INDIANA MECHANICAL CODE, 2014 Ed. (IMC 2014 WITH AMENDMENTS)
• INDIANA PLUMBING CODE, 2012 Ed. (IPC 2009 WITH AMENDMENTS)
• 2010 ADA

DRAWING INDEX

SHEET NO.	SHEET NAME
T001	TITLE SHEET
G001	OVERALL PROJECT PLAN
A101	RM 109 - FLOOR, CEILING PLANS, AND DETAILS
A201	REFLECTED CEILING & ROOF PLAN
M201	MECHANICAL LEGEND AND NOTES
M100	FIRST FLOOR MECHANICAL PLAN - ALTERNATES
M101	MECHANICAL ROOF PLAN
M102B	FIRST FLOOR MECHANICAL PLAN - ALTERNATES
M300	MECHANICAL SCHEMATICS & DETAILS
M300	MECHANICAL CONTROLS & LEGEND
M301	MECHANICAL CONTROLS
M400	MECHANICAL SCHEDULES
E001	ELECTRICAL LEGEND & GENERAL NOTES
E002	ELECTRICAL SCHEDULES AND DETAILS
E101	FIRST FLOOR AREA A PLAN - DEMOLITION & NEW WORK
E102B	RM 109 & RM 121 - FIRST FLOOR PLANS - AREA E & AREA F
E103	ROOF PLAN AREA A

ALTERNATE #3 - DRAWING INDEX

SHEET NO.	SHEET NAME
2.G001	ALTERNATE #3 - OVERALL PROJECT PLAN
2.A101	DEMOLITION, REFLECTED CEILING, AND NEW WORK PLANS
2.P201	PLUMBING LEGEND
2.F101	PLUMBING DEMOLITION AND NEW WORK PLANS
2.M100	MECHANICAL LEGEND, GENERAL NOTES AND SCHEDULES
2.M101	MECHANICAL DEMOLITION AND NEW WORK PLANS
2.M102	MECHANICAL NEW WORK ATTIC
2.E101	ELECTRICAL DEMOLITION AND NEW WORK PLANS, GENERAL NOTES AND ELECTRICAL LEGEND
2.E102	ELECTRICAL DETAILS

No.	Revisions / Submissions	Date
1	Re-Bid Documents	06.19.2024
2	Addendum #01	06.25.2024

LWC
INCORPORATED
434 East First Street Dayton, OH 45402 937.223.6500
712 East Main Street Richmond, IN 47374 765.966.3546

WE RICHMOND Richmond Community Schools
RICHMOND HIGH SCHOOL
380 Hub Etchison Pkwy,
Richmond, IN 47374

HVAC REPLACEMENT PROJECT

TITLE SHEET

Comm. No.	23122.00	Date	06.19.2024
Drawn	TOD	Drawing No.	T001
Checked	GAD		

