

Addendum #1

**Alterations 2022
Piqua High School
Piqua City Schools**

February 4, 2022

Piqua City School District
215 Looney Road
Piqua, Ohio 45356

This Addendum modifies and shall become a part of the original Contract Documents and is hereby made part of the Bidding Documents for the referenced project.

All bidders shall indicate in their bid/proposal that this Addendum has been received and considered in their bid proposal.

The Addendum items are intended to supplement, clarify or correct parts of the bid proposal package. Items in the addendum shall take precedence over items corrected and shall be of equal value with items supplemented or clarified. Any questions in reference to this addendum must be directed, in writing, to:

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Addendum Items:

1. Pre-Bid Meeting: Pre-Bid Meeting Minutes and sign-in sheet have been attached to this addendum.
2. Permits:
 - 2.1. Zoning Permit has been applied for at the City of Piqua.
 - 2.2. Building permit has been applied for at Miami County.
 - 2.2.1. All trade permits shall be applied and paid for by the trade contractor within their bid amount.
 - 2.3. Fire Permit has been applied for at the City of Piqua Fire Department.
3. Special Inspections / Testing: None are anticipated.
4. Estimate: There is not a published engineer's estimate for this project.
5. Funding: This project is locally funded, there is no OFCC involvement.
6. Background checks: not required during the summer when no school is in session.
7. Scope definition: The project is being awarded to [1] general contractor who will include all aspects of the scope of the project. The delineation of scope between mechanical, electrical contractors, etc. and the general contractor is up to the respective bidder and their sub-contractors.

8. Additional site inspections can be accomplished from 3 PM to 4:30 PM on Tuesday 02/08/22, enter at door #3.
9. Requirements for protection of HVAC systems, ducts, etc.: Contractor shall provide filtration media at return air devices to protect the existing ductwork. Owner will change out all filters at the completion of the project.
10. Specification Section 09 72 00 – Wall Coverings: This section was missing from the original bid documents issued. Use the document attached to this addendum.
11. Sketch Sheet SK-1: NEW SUPPLEMENTAL DRAWING
 - 11.1. This detail clarifies the requirements for the Wireway noted on elevation A/A2.82.
12. Drawing Sheet E2.02: First Floor Enlarged Power Plan – New Work: REPLACE the previous sheet with the version attached to this addendum. Revised as noted:
 - 12.1. Added card reader to Room 123B.
 - 12.2. Shifted the location of the AV Cabinet & Power/Data closer to the double doors in Room 122B.
13. Drawing Sheet E2.05: First Floor Enlarged Lighting Plan – New Work: REPLACE the previous sheet with the version attached to this addendum. Revised as noted:
 - 13.1. Added sheet note #5 for switching in Student Union.
14. Drawing Sheet E207: First Floor Lighting Plan Theatre: REPLACE the previous sheet with the version attached to this addendum. Revised as noted:
 - 14.1. Extended plan view to show emergency panel location in room 314.
15. Drawing Sheet E2.08: First Floor Lighting Gym: REPLACE the previous sheet with the version attached to this addendum. Revised as noted:
 - 15.1. Revised Sheet note #1.
16. Drawing Sheet E2.09: First Floor Power – Part 5: REPLACE the previous sheet with the version attached to this addendum. Revised as noted:
 - 16.1. Added Sheet Note #4, #5, #6, #7, & #8. – to better define the occupancy sensor/switching scope in the Part 5 Classrooms.
17. Drawing Sheet E2.11: Second Floor Overall Electrical Plan – New Work: REPLACE the previous sheet with the version attached to this addendum. Revised as noted:
 - 17.1. Revised Sheet note #4 to show power for new exhaust fans.
18. Drawing Sheet E2.12: Second Floor Lighting Plan Part 7: REPLACE the previous sheet with the version attached to this addendum. Revised as noted:
 - 18.1. Updated plan to show Lighting in Gymnasium.
 - 18.2. Added Sheet Note #2 to plan.
19. Drawing Sheet T1.10: First Floor Overall Data Plan – New Work: REPLACE the previous sheet with the version attached to this addendum. Revised as noted:
 - 19.1. Added Sheet Note #9 to Plan.

End of Addendum #1.

February 2, 2022

Pre-Bid Meeting Minutes

Alterations 2022 Piqua High School Piqua City Schools

1. Sign-in & Introductions

- 1.1. Sign in sheets are attached
- 1.2. Introductions for RDA and Piqua City Schools Team were made
- 1.3. This is a MANDATORY pre-bid meeting for the bidding prime contractors. Make sure you are signed in on one of the sign in sheets, otherwise Piqua City Schools has the right to deem your bid non-responsive.

2. Project Discussion

- 2.1. Review of Project Scope.
 - 2.1.1. Work includes interior alterations at the academic wing of the High School.
 - 2.1.1.1. Primary work area is the first floor, with limited work scope on the Second floor, gymnasium, and Part 5 classrooms. There is a re-configuration of the former library space and other classrooms, to create a new Student Union Space. All areas receive new finishes.
 - 2.1.1.2. Secondary work area is the remainder of the school building, with door refinish/ repair, limited door replacement, & hardware replacement work throughout.
 - 2.1.2. Many areas are not receiving structural changes, but are receiving new floor finishes, wall finishes, paint, ceilings, accessories, casework, etc.
 - 2.1.3. Noted on the drawings are schematics / outlines of the removal of existing surface mounted items where possible. The intent is to re-feed, relocate, fish down the wall where possible. Notes and schedule on the repair drawings and the electrical drawings. As part of this work removed items that are located within the walls are to be repaired by infill of the CMU, not blank cover plates.
 - 2.1.4. There are several components being provided and installed by the Owner. The outline of these items is noted in Section 01 00 00, 1.7. The Contractor will be required to coordinate with the Owner installed items as needed to facilitate work.
- 2.2. Project Schedule
 - 2.2.1. Refer to the outline of the Contract Period and Work Schedules in section 01 00 00.
 - 2.2.2. This is a summer 2022 project. Work shall be completed by August 19, 2022.
 - 2.2.2.1. This project will require multiple shifts / crews to accomplish on-time and as scheduled.
 - 2.2.2.2. The Contractor shall provide within the schedule an allowance for additional work within the identified allowances – in essence no automatic time extensions will be granted for contract changes within the allowances.
 - 2.2.2.3. The burden of meeting the schedule is upon the Contractor.
 - 2.2.2.4. Piqua City Schools has made it clear that school will open on time this fall.

3. Review of Bidding Requirements

- 3.1. Bid Form
 - 3.1.1. Total Bid Amount includes all listed allowances.
 - 3.1.2. Alternates: None
 - 3.1.3. Unit Prices: There is a unit price list on the bid form for items that relate to various allowances in the bid amount.
 - 3.1.4. Bids will be reviewed on base bid.

- 3.2. Bid Submission
 - 3.2.1. Bids are due to Piqua City Schools on February 15, 2022 at 12:00 PM for a public opening.
 - 3.2.1.1. Only hard copies of bids will be accepted, delivered by the bid due date at the Board of Education Offices.
 - 3.2.2. Submit: Bid Form, Bond, Tax Affidavit, and AIA A305 contractor qualification statement [Contractor can submit on their letterhead as long as the requested information is provided]
 - 3.3. Bid Award / Review: Refer to Instructions to Bidders for information related to the process for bid award. There will be an interview with the lowest bidder[s] to review various important aspects of the project including project schedule, implementation plan, sub-contractors, etc.
 - 3.4. Prevailing Wages - not required for this project.
 - 3.5. Bonds – this project requires a contract bond in the full amount of the bid
 - 3.6. Addenda – RDA will be issuing via email to all known bidders and plan holders.
 - 3.7. Substitution Requests –
 - 3.7.1. Submitted from a bidding contractor, not suppliers / sub-contractors.
 - 3.7.2. Submit to RDA, RDA will review and respond.
- 4. Review of Owner Requirements**
- 4.1. Owner point of contact
 - 4.1.1. Sean Shumaker, facilities director
 - 4.1.2. Jeremie Hittle, Treasurer
 - 4.1.3. Erich Heidenreich, Technology director
 - 4.2. Hours of Work – see section 01 00 00. No limit on work hours over the summer.
 - 4.3. Building Occupancy – building will be vacated in the areas of work at the academic wing. There will be administrative staff, etc. in the building – any utility outages, etc. will need to be coordinated.
 - 4.4. Owner Concerns
 - 4.4.1. Provide protection of the grounds from equipment. Restore any damage caused to pre-construction conditions.
 - 4.4.2. Power to the data room is critical to the district infrastructure. Any outages need to be planned in advance.
 - 4.4.3. Owner will be setting storage containers at the west parking lot for their loose furnishings, equipment, etc. This will leave the sidewalks outside of the building exit doors clear for dumpsters, access, etc.
- 5. Job Site Conditions**
- 5.1. Utilities – utilize existing utilities in the building as appropriate, supplement as needed for the proper performance of the project.
 - 5.2. Project staging area. – in areas of work, to be coordinated
 - 5.3. Parking. Existing site parking may be utilized.
 - 5.4. Access. PCS will provide key project staff with key / keb fob access to the building.

6. Site Visit

End.

SECTION 09 72 00 - WALL COVERINGS

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes surface preparation and wall covering.

1.2 SUBMITTALS

- A. Shop Drawings: Indicate wall elevations with seaming layout.
- B. Product Data: Submit data on covering and adhesive including test reports verifying flame/smoke ratings.
 - 1. Provide certification that accurately identifies the Original Equipment Manufacturer (OEM) of Wall Panel for this project including manufacturer's name, address and factory location.
 - a. Suppliers of Private-Label Wall Panel for this project must identify themselves as such and fully disclose the OEM information listed above.
 - b. All "manufacturer" requirements in these specifications must be complied with by the OEM, including warranties, certifications, qualifications, product data, test results, environmental requirements, performance data, etc.
- C. Samples: Submit two samples of covering illustrating color, finish, and texture.

1.3 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: Submit maintenance and cleaning instructions.

1.4 QUALITY ASSURANCE

- A. Surface Burning Characteristics:
 - 1. Textile Wall Coverings: Comply with one of the following:
 - a. Maximum 25/450 flame spread/smoke developed index when tested in accordance with ASTM E84.
- B. Manufacturer Qualifications: At least ten years' active experience in the manufacture and marketing of wall panels.
 - 1. A provider of authorized installer training.
- C. Installer Qualifications: At least five years' experience in the installation of wall panels. Employer of workers for this Project who are competent in techniques required by manufacturer for wall panel installation indicated.

1.5 ENVIRONMENTAL REQUIREMENTS

- A. Do not apply materials when surface and ambient temperatures are outside temperature ranges required by adhesive or vinyl covering product manufacturer.
- B. Maintain these conditions 24 hours before during and after installation of adhesive and covering.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store wall panels and installation materials in protected dry spaces, raised off the ground, in ambient temperatures maintained within range recommended by manufacturer, but not less than 55 deg F nor more than 85 deg F.
- B. Store the indoor PVC Panels on a smooth flat surface immediately upon delivery to Project. For more information reference the current installation guide

1.7 EXTRA MATERIALS

- A. Provide 25 linear feet of each color of covering selected.

1.8 WARRANTY

- A. Special Limited Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace wall panels that fails within specified warranty period.
 - 1. Material warranty must be direct from the product manufacturer.
 - a. Material warranties from separate or third-party insurance providers are not valid.
 - b. Material warranties from private label distributors are not valid.
 - 2. Failures include, but are not limited to, the following:
 - a. Material manufacturing defects.
 - b. Surface wear and deterioration to the point of wear-through.
 - 3. Warranty Period:
 - a. For materials: 2 years from date of Substantial Completion.
 - b. For surface wear: 10 years from date of Substantial Completion.
- B. Special Limited Warranty: Installer's standard form in which installer agrees to repair or replace wall panel that fails due to poor workmanship or faulty installation within the specified warranty period.
 - 1. Warranty Period: Two years from date of Substantial Completion.

PART 2 PRODUCTS

2.1 WALL COVERING

- A. Manufacturers:
 - 1. GerFlor USA; Mipolam SPM Wall Panel [basis of design]
 - a. Decoshock a 0.08 inch thick, 4 feet X 8 feet or 4 feet X 10 feet wide Non-Porous antibacterial decorative rigid wall panels providing protection and extending the life of walls. Can be installed vertically or horizontally and can be welded to the floor for continuous floor to wall solution for acute hygienic installation.]
 - b. CleanCorner a 0.08 inch thick, 9 inches X 10 feet wide Non-Porous antibacterial decorative rigid corner piece providing protection and extending the life of walls. Can be installed vertically or horizontally to joining wall panel and can be welded to the floor for continuous floor to wall solution for acute hygienic installation.]
- B. Product Description: Non-porous antibacterial decorative rigid wall panel and corner pieces, ISO 4 certified, GMP-Class A.
 - 1. Overall Thickness: Not less than 0.08 inch
 - 2. Standard Width and Length: Not less than 4 feet X 8 feet or 4 feet X 10 feet
 - 3. Weight must be less than 0.57 pound/sq. ft.
 - 4. Surface: Lightly embossed texture conceals scratches from impact.
 - 5. Seaming Method: Heat welded.
 - 6. Adhesive Method:
 - a. Full-spread adhesive to completely adhere wall panel to primed substrate as recommended by manufacturer.
 - b. ECO 901 premium adhesive for FRP Panels manufactured by Mapei in climate controlled areas following manufacturers recommendations.
 - 7. Impact Resistance limit: 705 lbs at 1.86 miles/hour.
 - 8. 100% REACH Compliant.
 - 9. Cleanroom: Meets requirements Class A- non-shedding ASTM F51/F68
 - 10. Fire Rating (Surface burning): ASTM E-84 Class A
 - 11. Field-Applied Finishes: None required and not allowed.
 - 12. Color and Pattern: As selected by Owner from manufacturer's standard colors and patterns.

2.2 ACCESSORIES

- A. Adhesives: Water-resistant type recommended by wall panel manufacturer for substrate and conditions indicated.
 - 1. Basis-of-Design Product: Mapei Ultrabond ECO 901.
 - a. Select proper trowel
 - b. Follow Manufacturer's Instructions
 - c. Coverage Type: Full-spread application.
 - 2. Spray Lock FRP Panel Adhesive
- B. Heat Welding Rod: CR-40 As supplied by indoor Wall Manufacturer. Color shall blend with wall panel color.
- C. Inside and Outside Corners: To be used with Clean Corner System heat welded to wall panels
- D. Caulking and Sealant Compounds: Apply Silicone Caulk as directed by manufacturer

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify the Following:
 - 1. The area in which the indoor wall panels will be installed is dry, weather-tight and in compliance with specified requirements.
 - 2. Permanent heat, lighting and ventilation systems are installed and operable.
 - 3. Other work, including overhead work, that could cause damage, dirt, dust or otherwise interrupt installation has been completed or suspended.
 - 4. No foreign materials or objects are present on the substrate and that it is clean and ready for preparation and installation.
 - 5. Check the humidity levels of the surface to be glued at several points using a humidity tester. Humidity levels must not exceed 25 %.
 - 6. Wall panels must be at the same temperature as the premises in which they are to be installed (for at least 24 hours) to prevent distortion.
 - 7. Holes must be filled before the installation.
 - 8. Check that the surface of the wall is not greasy or loose and that there are no large holes.

3.2 PREPARATION

- A. Prepare substrates per manufacturer's written recommendations to ensure proper adhesion of wall panel system.
- B. Substrate Preparation
 - 1. Verify that substrates are smooth and dry and free of loose paint. Remove coatings and other substances that are incompatible with adhesives using methods recommended by manufacturer.
 - 2. Dry wall substrates shall be primed and ready for paint.
- C. Wall surface to be smooth and free of containments.
- D. Reach a level 3 finish prior to installing panels.
- E. Electrical power points should only be relocated by a qualified electrician.
- F. Drill holes 1/8"-1/4" expansion around all plumbing and pipes and seal with a silicone caulk.
- G. Sweep and then vacuum substrates immediately before installation. After cleaning, examine substrate for moisture, alkaline salts, grit, dust or other contamination. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 WALL PANEL INSTALLATION

- A. General:
 - 1. Comply with wall panel manufacturer's installation instructions.
 - 2. Take necessary precautions to minimize noise, odors, dust and inconvenience during installation.
 - 3. Allow for expansion around all cut outs.
 - 4. Fit panels to door frames unless otherwise indicated.
- B. Install wall panels as follows:
 - 1. Locate seams as shown on approved Shop Drawings
- C. Adhered Wall Panels: Attach products to substrates using a full spread of adhesive applied to substrate to comply with adhesive and wall panel manufacturer instructions.
- D. Wall Panel Seams: Finish seams to produce surfaces flush with adjoining wall surfaces. Rout joints and use heat welding rod to permanently and seamlessly fuse sections together.

3.4 CLEANING AND PROTECTION

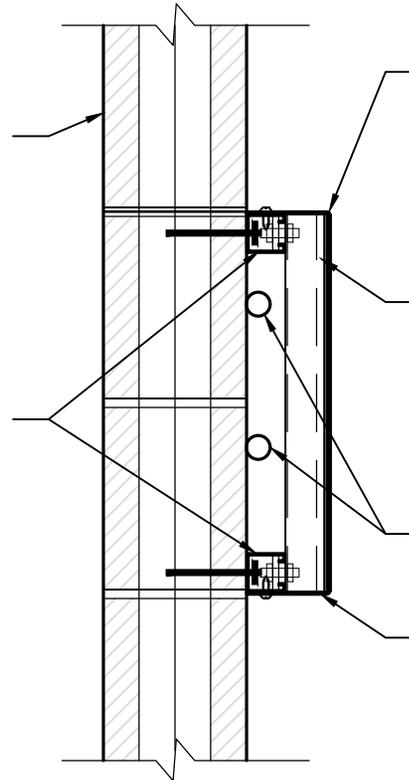
- A. Perform the following operations after completing resilient flooring installation:
 - 1. Remove marks and blemishes from wall surfaces.
 - 2. Wall panels have been tested for their resistance to most of the cleaners, disinfectants and antiseptic products used by clean industry and healthcare establishments. Amongst others, the products listed below have been tested and proved to efficient without causing any damages to the Mipolam Wall Panels:
 - a. Detergents: SURFANIOS, DETERGANIOS, UNIT PLUS
 - b. Detergent Disinfectants: DS5001, DIVOSAN S4
 - c. Others: 70% surgical alcohol, Household bleach, Eosin, Betadine, Ammonia
 - 3. For better results when cleaning the Mipolam Wall Panels: we recommend the following products: • Ammonia • Ethanol • Isopropyl alcohol • Heptane
- B. Protect Wall Panels from abrasions, indentations, and other damage from subsequent operations and placement of equipment, during remainder of construction period.
- C. Remove construction debris from project site, recycle all applicable material and legally dispose.

END OF SECTION

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EXISTING CMU WALL TO REMAIN - PREP & PAINT PER INTERIOR ELEVATIONS

CONTINUOUS HORIZONTAL UNISTRUT P1000 ANCHORED TO EX. CMU WALL W/ 1/2" ϕ THREADED RODS W/ HILTI HIT-HY TO ADHESIVE & MESH SLEEVES [HILTI-SC 18x85] AT 32" O.C.



INSTALL 18 GA. x 2" WIDE STEEL STRAP AT EACH VERTICAL SEAM, POWDER COAT TO MATCH P-2 - ATTACH TO UNISTRUT W/ [2] 1/4" STAINLESS STEEL SELF TAPPING SCREWS TOP & BOTTOM.

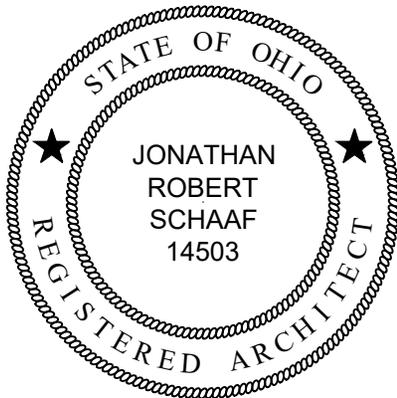
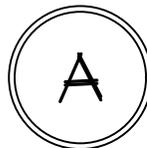
INSTALL VERTICAL UNISTRUT P1000 W/ P3184 CLOSURE STRIP AT ALL METAL STUD TRACK SEAMS [$\pm 8'-0"$ O.C.] - ATTACH VERT. TO HORIZ. UNISTRUT W/ BOLT, WASHER, AND NUT PER MFR. -

EXISTING S.M. CONDUITS & BOXES TO REMAIN - NOTCH UNISTRUT & TRACK AS REQ'D

1600T350-68 METAL STUD TRACK IN 10'-0" SECTIONS, POWDER COAT TO MATCH P-2 - ATTACH TO UNISTRUT W/ 1/4" STAINLESS STEEL SELF DRILLING SCREWS AT 16" O.C. TOP & BOTTOM.

EAST WALL GYMNASIUM WIREWAY DETAIL

SCALE: 1 1/2" = 1'-0"



Jonathan Robert Schaaf #14503
Expiration Date 12/31/2023

Alterations 2022 Project at:

Piqua High School

1 Indian Trail
Piqua, Ohio 45356
Piqua City Schools

Print Record	02/04/22 ADDENDUM 01
Project Number	2021-203
Date	February 4, 2022
Sheet Title	WIREWAY DETAIL
Sheet Number	SK-1