



701½ West First Street
Defiance, OH 43512
Phone 419-782-6211
architects@beilharzinc.com

May 6, 2020

EVERGREEN LOCAL SCHOOLS
Summer 2020 Projects
Metamora, Ohio

B7-4569

ADDENDUM NO. 1

This Addendum becomes a part of the Contract Documents and modifies them only to the extent herein set forth. Each bidder is responsible for distribution of information conveyed by this Addendum to its subbidders and suppliers.

Attachments: 00 4344 Fire Alarm Bid Supplement
Sheets EP100 and EP101 (revised)
Bid Question Log #1

SPECIFICATIONS

ITEM NO. 1: 00 3000 – Available Information

Add paragraph 3: Existing High School sprinkler shop drawings are available from the Architect on request.

ITEM NO. 2: 00 4344 – Fire Alarm Bid Supplement

Fire alarm bidders shall include the attached Bid Supplement with their bid.

ITEM NO. 3: Section 01 1000 – Summary of Work

Add paragraph 2.01.C: Furnish and install all required structural framing, backing, and support, electrical power feeds, and communications cabling for the following items, which will be furnished and installed by others:

1. Films E142: Projector, projection screen, interactive monitor, and AV rack.

ITEM NO. 4: Section 01 2300 – Alternates

Paragraph 1.02.B.1.a (Elementary School Reroofing Alternate 2.1): Revise the Base Bid Item to read: Adhere new roof membrane to cover board; mechanically fasten cover board to deck through existing insulation, with joints offset from joints in existing insulation. Refer to Sections 07 2216 and 07 5000.

ITEM NO. 5: Section 01 4000 – Quality Requirements

Replace paragraph 1.02.E.1 with the following: The Architect will apply for Building, Mechanical, Plumbing, Gas Piping, Sprinkler, and Fire Alarm and Electrical permits. Contractor will not be responsible for initial filing fees.

- a. Each Contractor shall provide licensing information to and obtain permits from the Wood County Building Department applicable to their work.

ITEM NO. 6: Section 07 2216 – Roof Insulation

Add paragraph 2.01.D: Cover Board: ASTM C1289, Type II, Class 2; high density polyisocyanurate with coated glass fiber mat facers; 4 x 4 or 4 x 8 foot sheets; minimum ¼ inch thick or as recommended by membrane manufacturer.

1. Compressive Strength: ASTM C473 or ASTM D1621; minimum 100 psi.
2. Mold Resistance: ASTM D3273.
3. LTTR Value: ASTM C1289, 15 year time weighted average; minimum 1.5.

ITEM NO. 7: Section 07 5000 – Membrane Roofing

Paragraph 2.02.C: Membrane manufacturer's standard walkway sizes that vary from the indicated dimensions are acceptable.

Add paragraph 3.01.A.6: Inspect insulation for compliance with manufacturer's requirements for installation of cover board and new membrane. Install additional fasteners as needed.

ITEM NO. 8: Section 09 6723 – Resinous Flooring

Paragraph 2.01: Add Tennant Co.; Tennant Quartz DB.

ITEM NO. 9: Section 10 5113 – Metal Lockers

Paragraph 2.01: Add Lightning Lockers, LLC.

HIGH SCHOOL LOCKER ROOMS

ITEM NO. 10: Sheet SF101 – Foundation Plan

Delete General Foundation Note 1 and Foundation Detail 2. In the event of unsuitable soil conditions, follow the requirements of Section 31 2000 – 3.01.C.

ITEM NO. 11: Sheet SR121 – Roof Framing Plan

Joist size for the south addition shall be 22K4. All 22K4 joists shall have 3 rows of bridging.

ITEM NO. 12: Sheet AE101 – First Floor Plan

Where new masonry walls are constructed on existing slabs, cut and patch slab to install thickened slab in accordance with details 12/S-501 and 14/S-501.

ITEM NO. 13: Sheet AF201 – Interior Elevations and Schedules

Elevation 14 (Films E142): Verify markerboard locations with respect to interactive monitor and/or screen prior to installation.

ITEM NO. 14: Sheet M-701 – HVAC Specifications

Division 23 – Basic Mechanical Requirements:

1. This Section supplements, but does not amend or replace, corresponding provisions in Division 01 and Section 07 8400.
2. Paragraph A.4: The Contractor's warranty is in addition to, and does not amend or replace, the warranty and correction period requirements of the General Conditions.
3. Delete paragraph A.8. Refer to Section 01 7000 for cutting and patching requirements.
4. Paragraph D: Delete the first paragraph under Operating Instructions. Refer to Section 01 7700 for requirements.

Section 23 7413 – Packaged Outdoor Air Conditioning Units (Rooftop Units):

1. Paragraph C: Units shall have foam insulation with a minimum R value of R-7 for units under 12 tons and R-13 for units 12 tons and over.
2. Paragraph D.1: Turndown ratios shall be as scheduled.
3. Paragraph F: Compressors shall be inverter scroll type.

ITEM NO. 15: Sheet E-001 – Legend, Luminaire Schedule & Details

Legend:

1. Receptacles shall be tamper resistant.
2. Add VS: Vacancy sensor.
3. Add SL: Low voltage wall switch.
4. Add TV1: Recessed TV backbox and duplex receptacle.

Luminaire Schedule:

1. Type C: Add Fail-Safe HVL8-4-LD4-2-LO-40-UNV-C-EDC-1-S-VRSD and LC Doane VSA4-1W57-40-80-VAR-DM-OP-WH-TP-65.
2. Type E: Add Lightolier 6RN-P6RSL10840CCZ10U.
3. Type H: Add Metalux 4TV3-LD5-4-G-UVN-L840-CD1-SSL-U and Day-Brite V3W435L840-UNV-DIM.

Electrical General Note 7 and Conduit/Cable Penetrations Through Rated Assemblies Detail: Refer to Section 07 8400 for additional requirements.

ITEM NO. 16: Sheet EP100 – First Floor Power Plan

Refer to attached revised Drawing for location of Fire Alarm Panel.

ITEM NO. 17: Sheet EP101 – Partial First Floor Power Plan

Refer to attached revised Drawing for revisions to Plan Notes and power to projection screen, projector, TV1, and AV rack in Films E142.

ITEM NO. 18: Sheet EP601 – One Line Diagram

One Line Diagram:

1. Panel RP-N:
 - a. Change feeder to 100NG.
 - b. Change surge protective device to SPD.
 - c. Add 20ASP breakers for the following circuits:
 - i. N10: Projection Screen.
 - ii. N12: AV Rack.
 - iii. N17: TV1.
 - iv. N19: Projector.
 - v. N25: Spare.
2. Note A: Change “Contractor” to “Contactor.”

ITEM NO. 19: Sheets EP701 and EP702 – Electrical Specificaitons

Section 26 0500 – Electrical General Provisions:

1. This Section supplements, but does not amend or replace, corresponding provisions in Division 01, Section 02 4119, and Section 07 8400.
2. Delete paragraph E. Refer to Section 01 6000 for requirements.
3. Paragraph G.1: Delete reference to number of copies. Refer to Section 01 3300 for requirements.
4. Paragraph I:
 - a. General: In paragraph 11, delete “fluorescent.”
 - b. Warranty: The Contractor’s warranty is in addition to, and does not amend or replace, the warranty and correction period requirements of the General Conditions. This applies to all Contractor warranties specified in Division 26.
 - c. Temporary Lighting and Electrical Power: Delete paragraph 3. Refer to Section 01 5000 for requirements.

Section 26 0505 – Electrical Related Work: Delete the last two sentences of paragraph B.2. Refer to Section 01 7000 for cutting and patching requirements.

Section 26 0533 – Raceways:

1. Paragraph A: Add MC cable.
2. Add the following at the end of paragraph C:
 - a. Use of metal clad cable shall be permitted only for lighting, equipment, and receptacle branch circuits from a local junction box to the device and from device to device on the same circuit. Branch circuits from the panel to the local junction box shall be hard piped.
 - b. Metal clad cable shall only be installed concealed within walls and above ceiling interstitial spaces. Where there is no ceiling interstitial space, metal clad cable may be installed exposed if called for on the construction drawings and in compliance with the installation requirements of this Section. Exposed metal clad cable shall have PVC jacketing.

Section 26 2726 – Wiring Devices:

1. Receptacles: Replace everything after the first paragraph with the following:
 - a. Tamper resistant duplex receptacles shall have spring loaded mechanical shutter system, 20A, side and back wired, solid brass

mounting strap, high impact chemical resistant nylon face, automatic ground clip. Pass & Seymour TR5362-GRY or equal by Cooper, Hubbell, or Leviton.

2. GFCI Devices: Replace everything after the first paragraph with the following:
 - a. Duplex receptacle GFI tamper resistant devices shall be heavy duty industrial grade, 20A, back and side wired, nylon body, solid brass mounting strap and contacts, auto-ground clip. Pass & Seymour 2095-TRGRY or equal by Cooper, Hubbell, or Leviton.
 - b. Duplex receptacle GFI weather resistant, tamper resistant (wet location) devices shall be heavy duty industrial grade, 20A, back and side wired, nylon body, solid brass mounting strap and contacts, auto-ground clip. Pass & Seymour 2095-TRWRGRY or equal by Cooper, Hubbell, or Leviton.

Section 26 5100 – Luminaires:

1. Paragraph A: Delete Delivery, Storage and Handling including subparagraphs.
2. Paragraph C:
 - a. Cleaning: Delete last paragraph.
 - b. Delete Corrosion Prevention including both subparagraphs.

Delete Section 27 0528 – Communications Raceway Systems.

Delete Section 27 1300 – Communications Cable Systems.

Delete Section 27 5326. Refer to Section 01 4527 for requirements.

Section 28 4621 – Fire Alarm – Addressable:

1. Paragraph A.1: Refer to Fire Alarm Replacement specification for manufacturers.
2. Paragraph B.1: Delete “wiring.”
3. Replace paragraph B.2 with the following: The installation shall comply with applicable codes, project drawings, and manufacturer requirements.

ITEM NO. 20: Sheet EC101 – Partial First Floor Communications Plan

Films E142: Refer to Sheet EP101 item above for revised location of TV1, interactive monitor high-low outlets, and IMON. Locate on centerline of bleachers, or as directed.

ITEM NO. 21: Sheet EC701 – Communications Specificaitons

Section 27 1300 – Communications Cable Systems:

1. Paragraphs A.15-18: These requirements supplement, but do not amend or replace, corresponding provisions in Section 07 8400.
2. Paragraph A.21: Delete reference to number of copies. Refer to Section 01 3300 for requirements.

Delete Section 27 5326. Refer to Section 01 4527 for requirements.

ELEMENTARY SCHOOL REROOFING

ITEM NO. 22: Sheet A-101 – Roof Plan

Keynote 19: Include the removal of all roof edge components except the 2x wood fascia and 2x wood blocking.

FIRE ALARM REPLACEMENT

ITEM NO. 23: Sheet EF001 – Fire Alarm Legend

Conduit/Cable Penetrations Through Rated Assemblies Detail: Refer to Section 07 8400 for additional requirements.

ITEM NO. 24: Sheet EF701 – Fire Alarm Specification

Section 28 4621 – Addressable Voice Fire Alarm System – Speakers:

1. Replace paragraph 1.01.A with the following: Division 26 Sections (Sheets EP701 and EP702 in the High School Locker Room set) apply to work specified in this Section.
2. Paragraph 3.01.AE refers to new mechanical units provided in the High School Locker Room contract. For existing mechanical units, provide all required components and power where not existing or not compatible with new work.

END OF ADDENDUM

FIRE ALARM BID SUPPLEMENT

BIDDER: _____

FIRE ALARM MANUFACTURER: _____

MAINTENANCE CONTRACT: \$ _____
(total price for two years after expiration of warranty; refer to Section 284621 – 3.01.AB for requirements)

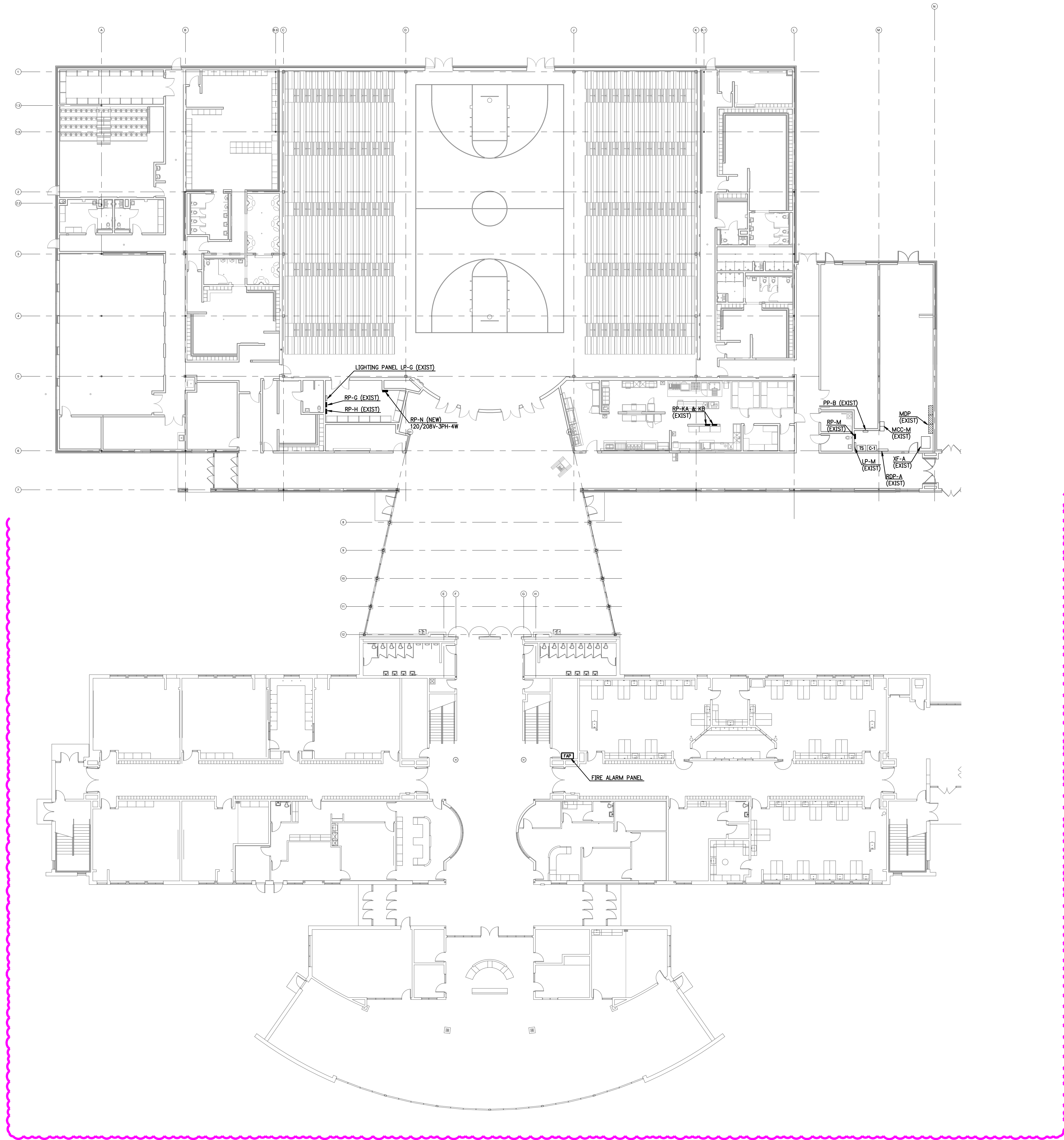
SERVICE AND INSPECTION RATES:
(for work not included in warranty and maintenance contract)

<u>Classification</u>	<u>Hourly Rate</u>	<u>Response Time</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

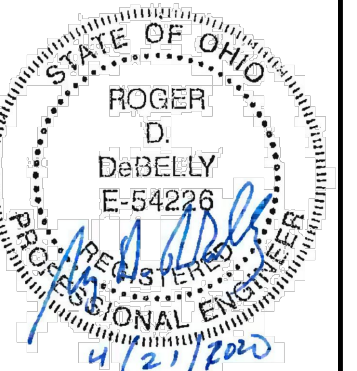
ANNUAL MONITORING CHARGE: \$ _____

ANNUAL INSPECTION CHARGE: \$ _____
(after expiration of warranty and maintenance contract)

ATTACH certificates of Bidder's authorization to represent manufacturer, and training certificates for service staff.



FIRST FLOOR PLAN - POWER
SCALE: 1/16"=1'-0"



PLOT SCALE
1/1"=4'-0"
0 8' 16' 24'

ISSUE DATE	
1	04.21.20 ISSUED FOR BIDS
2	05.01.20 ADDENDUM 1

©2020 BEILHARZ ARCHITECTS, INC.
THE CONTENT OF THIS DRAWING IS NOT
INTENDED TO BE SUITABLE FOR USE OR
REUSE BY INDIVIDUALS, COMPANIES,
CORPORATIONS, OR OTHER ENTITIES FOR
ANY PURPOSE OTHER THAN THE
INTENDED PURPOSE OF THIS DOCUMENT
NOT FOR USE ON ANY OTHER PROJECT.
ANY REUSE OR REPRODUCTION WITHOUT
WRITTEN VERIFICATION AND APPROVATION
BY THE ARCHITECT FOR THE SPECIFIC
PURPOSE INTENDED SHALL BE AT THE
USER'S SOLE RISK AND WITHOUT
LIABILITY OR LEGAL EXPOSURE TO THE
ARCHITECT

EVERGREEN HIGH SCHOOL
LOCKER ROOM ADDITIONS & RENOVATIONS
14544 COUNTY ROAD 6, METAMORA, OH 43540

FIRST FLOOR
PLAN - POWER

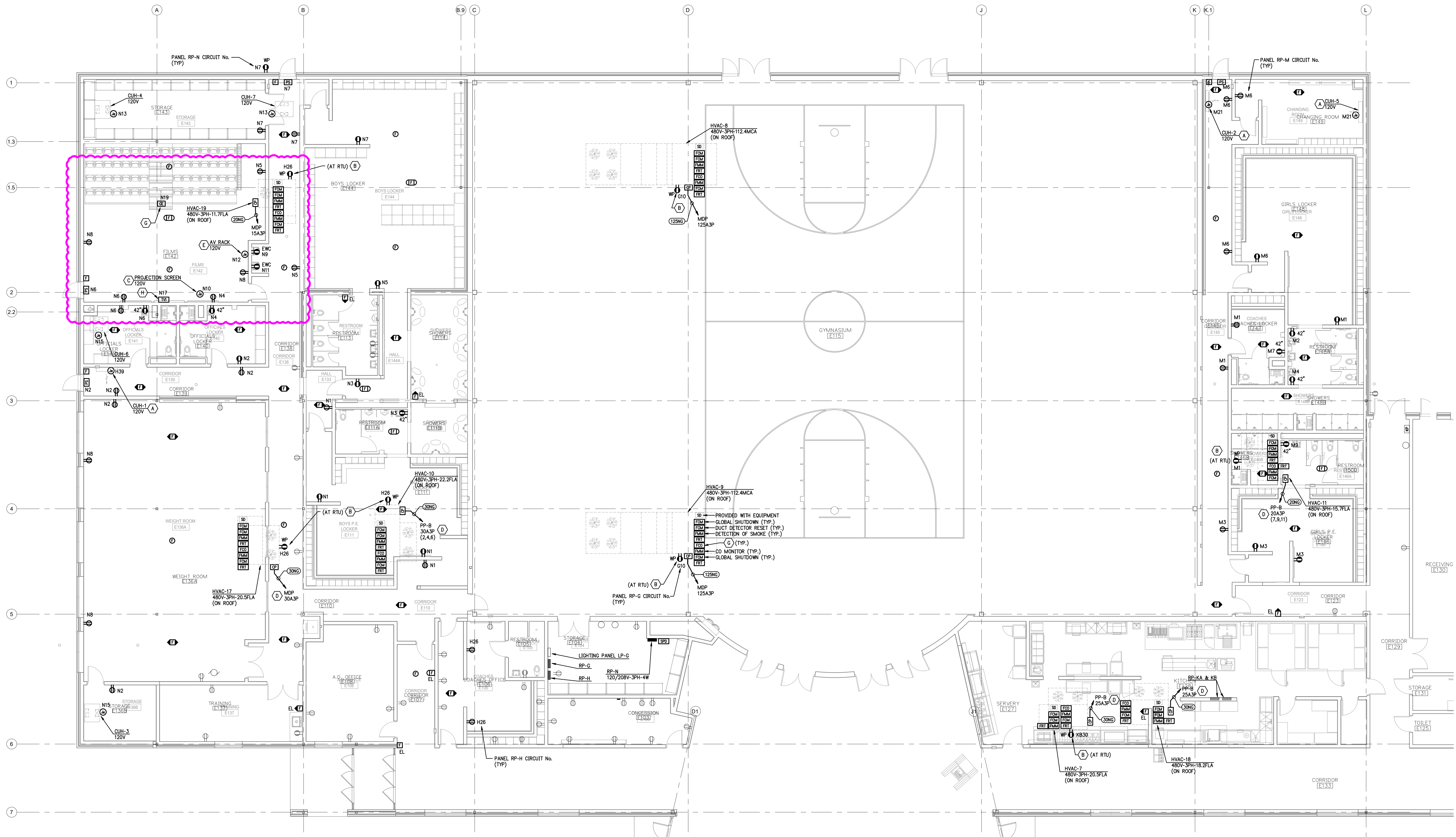
PROJECT: B7-4569

DRAWN BY: CAG

CHECKED BY: DTK

SHEET

EP100

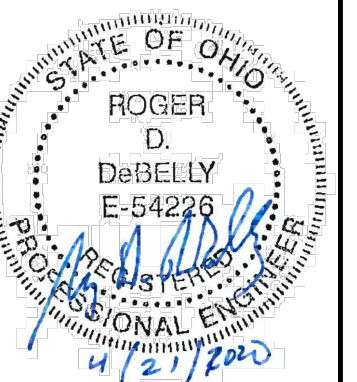


PARTIAL FIRST FLOOR PLAN - POWER

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



- PLAN NOTES:
- A. EXTEND EXISTING FEEDERS TO NEW CUH LOCATION.
 - B. EXTEND EXISTING 120V FEEDER FOR NEW RECEPTACLE AT RTU, MATCH EXISTING.
 - C. COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF PROJECTION SCREEN WITH OWNER PRIOR TO ROUGH-IN.
 - D. CHANGE BREAKER AS SHOWN, MATCH EXISTING TYPE, SEE SHEET EP601.
 - E. COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF AV RACK WITH OWNER PRIOR TO ROUGH-IN.
 - F. FIRE ALARM SHOWN IS FOR ROUGH-IN ONLY. ALL FIRE ALARM DEVICES SHALL BE BY OTHERS IN A SEPARATE BID PACKAGE.
 - G. COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF PROJECTOR WITH OWNER PRIOR TO ROUGH-IN.
 - H. COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF MONITOR WITH OWNER PRIOR TO ROUGH-IN.



B|A
BEILHARZ
ARCHITECTS
INCORPORATED

PLOT SCALE
1/8"=1'-0"
0 4 8 12'
FOR SHEET SIZE 30"x42"

ISSUE DATE
1 04.21.20 ISSUED FOR BIDS
2 05.01.20 ADDENDUM 1

©2020 BEILHARZ ARCHITECTS, INC.
THE CONTENT OF THIS DRAWING IS NOT
INTENDED TO BE SUITABLE FOR USE ON
ANY OTHER PROJECT. ANY REUSE OR
REPRODUCTION OF THIS DOCUMENT
WITHOUT WRITTEN VERIFICATION AND
ADAPTATION BY THE ARCHITECT FOR THE
USER'S SOLE RISK AND WITHOUT
LIABILITY OR LEGAL EXPOSURE TO THE
ARCHITECT.

EVERGREEN HIGH SCHOOL
LOCKER ROOM ADDITIONS & RENOVATIONS
14544 COUNTY ROAD 6, METAMORA, OH 43540

PARTIAL FIRST FLOOR
PLAN - POWER

PROJECT: B7-4569

DRAWN BY: CAG

CHECKED BY: DTK

SHEET

EP101



701½ West First Street
Defiance, OH 43512
Phone 419-782-6211
architects@beilharzinc.com

May 6, 2020

EVERGREEN LOCAL SCHOOLS
Summer 2020 Projects
Metamora, Ohio

B7-4569

BID QUESTION LOG #1

The following questions and answers are distributed for supplemental information and clarification, and are not part of the Contract Documents. Questions answered by Addendum items are not necessarily repeated in this document.

- Q1. Elementary School Reroofing work – Does this work only pertain to the existing roof and the roofs for the new addition is part of the base bid - ?
- A. Elementary School Reroofing Work includes work at the Elementary School only. Roofing work associated with the High School is included in the High School Locker Room Work.
- Q2. Fire Alarm – Does this work only pertain to the existing building and the work in the new addition is part of the base bid - ?
- A. Fire Alarm Replacement Work includes all fire alarm work in both buildings, including addition and renovation areas in the High School.
- Q3. Allowance - \$5,000.00 to patch floor – Is this allowance to be used for work not shown on the drawings – Drawing SF101 – Note 6 refers to patch floor – Note 2 - slope floor to drain – in existing building – Ref Drawing SF101
- A. The allowance is for work not specifically indicated on the Drawings. Work indicated on the Drawings is included in the Base Bid.
- Q4. Can you clarify the alternate for white EPDM? Not sure how many of the roofing manufactures still have this in their product line. There have been issues with the lack of longevity with the white EPDM sheets and most of the manufactures have stopped offering it.
- A. If the membrane applicable to Alternate 2.2A and/or B is not available from the bidder's selected manufacturer, enter "No Bid" on the Bid Form.
- Q5. The 30 year .090 system is a good option but there are some minimum insulation and or cover board requirements.
- A. Requirements associated with the Alternate 2.2 system shall be included as part of the Alternate.

- Q6. Are we removing any of the existing masonry to install thru wall flashing and/or counterflashing?
- A. At the Elementary School, removal and rebuilding of existing masonry is not anticipated. At the High School, refer to details 14-16, Sheet AE301.
- Q7. I have a question on the Wire Storage Shelving in rooms E-104 and E-143. They are drawn as all individual shelving units....each unit will be free-standing with 4 posts and independent of the next unit. The drawings show little circles representing the corner posts. We can save a little money by installing these as "adjacent" units with shared posts when units are next to each other. This way, a row of 6 units would use 14 posts instead of 24. Should I quote as drawn, or the most cost-effective way?
- A. Wire storage shelving may be starter and adder units with shared posts between units.
- Q8. Also, In the shelving spec 105623 I do not see where they are asking the shelves to be anchored to the walls. Is that is a different section? We would be happy to do that if required
- A. Shelving is not required to be anchored to the walls.
- Q9. Will there be another site visit time?
- A. Refer to Instructions to Bidders, paragraph 1.D, for site visit procedures.
- Q10. I am looking at the Boys Locker Room E-144 and Officials Locker Rooms E140 and E141. The elevation drawings on Sheet AF402 seem to show these are "Open Front Lockers" as described on Spec Section 105113, Item No 2.02.F. Is it correct that these lockers are Open Front, with no doors? They appear to be the Lyon "Deluxe Collegiate Locker", which includes the security box above and the footlocker at the bottom. Is that correct?
- A. Yes.
- Q11. Sheet AE-111 shows a roof assembly detail with a total r-value of 16.8. The minimum Ohio Building Code requirement is an R-25. Please clarify. Could not find any other reference to the required R-value in spec or drawings.
- A. Energy code compliance for the building additions is calculated based on the building envelope trade-off option of the applicable energy code.
- Q12. We just received the fire alarm drawings with no write-up. Typically on a hard bid public project we will receive some type of written explanation what the new drawings have been issued for. Sometimes it is as an addendum & sometimes just as a clarification. But we typically don't receive 15 or 16 new drawings without some sort of written directive.
- A. Per Section 011000 – 1.06.B, separate sets of drawings are issued for each Prime Contract listed in 1.02.A. The drawings titled Campus Fire Alarm Replacement are for the Fire Alarm Replacement Work.

Some plan holders may have received the existing sprinkler shop drawings (Addendum item 00 3000) applicable to the High School Locker Room Work in the same file as the Campus Fire Alarm Replacement drawings.

- Q13. Are you planning to extend the bid a week or at least a few days?
- A. We have had a discussion with the District and they are not interested in extending the bid date.
- Q14. Spec Section 01-5710- Temporary Erosion and Sedimentation Control – Would appreciate confirming the requirements for a SWPP plan.
- A. The SWPPP need only be submitted if required by authorities having jurisdiction.

END OF BID QUESTION LOG #1