
ADDENDUM NUMBER THREE

January 20, 2017

MARYSVILLE JUNIOR/SENIOR HIGH SCHOOL
PHASE 2 - ADDITION AND RENOVATIONS
1011 WALNUT STREET
MARYSVILLE, KANSAS

The following addendum items amend the Drawings, Specifications, and other Project Manual documents prepared by The Ebert Mayo Design Group, Architects & Planning Consultants, 1115 Westport Drive, Manhattan, Kansas 66502.

Planholders shall attach this addendum to their copy of the Project Manual. Bidders shall acknowledge receipt of this addendum on the Proposal Form.

The bid date remains unchanged. Bids will be received in accordance with the Notice to Bidders included in the Project Manual until 4:00 pm, January 26, 2017 in the cafeteria of Marysville Junior/Senior High School, 1011 Walnut, Marysville, Kansas.

PART 1 - ADDENDUM ITEMS

1.1 Project Schedule

- A. The estimated date for issuing a Notice to Proceed is February 1, 2017. The notice will include a notice of contract award, a notice of intent to enter into a formal contract, and a notice to proceed. This combined notice will permit the Contractor to proceed with contractual requirements of the construction documents prior to execution of formal contracts. Site operations can commence only after providing acceptable evidence of insurance.
- B. The Owner desires that the new gymnasium be usable by November 1, 2017. However, this desire is not a contract requirement. Until the new gymnasium is usable the existing gymnasium must remain usable except for a one-month summer period for installation of the new HVAC system.
- C. The desired completion date for the project is March 30, 2018. However, Contractors shall state on their proposal form the number of calendar days to achieve Substantial Completion.
- D. The renovation of the boy's locker rooms is a critical component for the project. Construction can begin no earlier than June 1, 2017 and must be substantially complete and fully usable by August 1, 2017. Liquidated damages of \$500.00 per day or fraction thereof shall apply to completion of this component of the project.

1.2 Attached Section 05 4000, Cold-Formed Metal Framing Interior Architectural Woodwork

- A. This section is added to the specifications in its proper place.

1.3 Section 06 4023, Interior Architectural Woodwork

- A. 2.2, C., Change to read: "Equal to Amerock Allison Value, 4", satin nickel, BP76312G10."

1.4 Section 07 4243, Composite Wall Panel System

- A. Subject to compliance with requirements, add the following available manufacturer: Seiccoline/SGH

1.5 Section 07 5423, Thermoplastic Polyolefin (TPO) Roofing

- A. Subject to compliance with requirements, add the following available manufacturer: Genflex.

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- B. 2.4, B.1., Add the following: “b. Minimum total thickness of insulation to be 5” except at roof drains.”
- 1.6 Section 10 1423, Panel Signage**
A. Subject to compliance with requirements, add the following available manufacturer: Vista System.
- 1.7 Section 10 5113, Metal Lockers**
A. Subject to compliance with requirements, add the following available manufacturers: Olympus Lockers and Storage Products.
- 1.8 Sheet A1.1.12, Drawing A**
A. Add the following General Note: Existing roof membrane is manufactured and warranted by Garland. Alterations shall be performed with approval by Garland to maintain the warranty.
- 1.9 Sheet A1.1.13, Drawing A**
A. Add the following General Note: Existing roof membrane is manufactured and warranted by Garland. Alterations shall be performed with approval by Garland to maintain the warranty.
- 1.10 Sheet A3.1.4, Drawings J & K**
A. Add the following note tagging the elevator shaft: “Below grade elevator shaft walls to receive waterproofing membrane and protection board”.
- 1.11 Sheet A4.3.2, Door Type D13**
A. Change door note to read: “Galvanized Steel Coiling Door”.
- 1.12 Attached Civil Addendum Item**
A. One attached page describes Civil addendum item.
- 1.13 Attached MEP Addendum Items**
A. Two attached pages describe MEP addendum items.

END OF ADDENDUM THREE

SECTION 05 4000 - COLD-FORMED METAL FRAMING

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes exterior non-load-bearing wall framing.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of cold-formed metal framing product and accessory indicated.

1.3 INFORMATIONAL SUBMITTALS

- A. Product Test Reports: From a qualified testing agency, unless otherwise stated, indicating that each of the following complies with requirements, based on evaluation of comprehensive tests for current products:
 - 1. Steel sheet.
 - 2. Power-actuated anchors.
 - 3. Mechanical fasteners.
 - 4. Miscellaneous structural clips and accessories.
- B. Research/Evaluation Reports: For cold-formed metal framing.

1.4 QUALITY ASSURANCE

- A. Product Tests: Mill certificates or in-house testing with calibrated test equipment indicating steel sheet complies with requirements, including base-metal thickness, yield strength, tensile strength, total elongation, chemical requirements, and metallic-coating thickness.
- B. AISI Specifications and Standards: Comply with AISI's "North American Specification for the Design of Cold-Formed Steel Structural Members" and its "Standard for Cold-Formed Steel Framing - General Provisions."
 - 1. Comply with AISI's "Standard for Cold-Formed Steel Framing - Header Design."
- C. Preinstallation Conference: Conduct conference at Project site.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Protect cold-formed metal framing from corrosion, deformation, and other damage during delivery, storage, and handling.
- B. Store cold-formed metal framing, protect with a waterproof covering, and ventilate to avoid condensation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering cold-formed metal framing that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Clark Steel Framing.
 - 2. Dale/Incor.
 - 3. Dietrich Metal Framing; a Worthington Industries Company.

2.2 MATERIALS

- A. Steel Sheet: ASTM A 1003/A 1003M, Structural Grade, Type H, metallic coated, of grade and coating weight as follows:
 - 1. Grade: ST33H.
 - 2. Coating: G90.

2.3 EXTERIOR NON-LOAD-BEARING WALL FRAMING

- A. Steel Studs: Manufacturer's standard C-shaped steel studs, of web depths indicated, punched, with stiffened flanges, as shown on the Drawings.
- B. Steel Track: Manufacturer's standard U-shaped steel track, of web depths indicated, unpunched, with unstiffened flanges, as shown on the Drawings.

2.4 FRAMING ACCESSORIES

- A. Fabricate steel-framing accessories from steel sheet, ASTM A 1003/A 1003M, Structural Grade, Type H, metallic coated, of same grade and coating weight used for framing members.
- B. Provide accessories of manufacturer's standard thickness and configuration, unless otherwise indicated, as follows:
 - 1. Bracing, bridging, and solid blocking.
 - 2. Web stiffeners.
 - 3. Stud kickers, knee braces, and girts.
 - 4. Hole reinforcing plates.

2.5 MISCELLANEOUS MATERIALS

- A. Galvanizing Repair Paint: SSPC-Paint 20 or DOD-P-21035.
- B. Shims: Load bearing, high-density multimonomer plastic, nonleaching.

2.6 FABRICATION

- A. Fabricate cold-formed metal framing and accessories plumb, square, and true to line, and with connections securely fastened, according to referenced AISI's specifications and standards, manufacturer's written instructions, and requirements in this Section.
 - 1. Fabricate framing assemblies using jigs or templates.
 - 2. Cut framing members by sawing or shearing; do not torch cut.
 - 3. Fasten cold-formed metal framing members by screw fastening. Wire tying of framing members is not permitted.
 - a. Locate mechanical fasteners and install according to Shop Drawings, with screw penetrating joined members by not less than three exposed screw threads.
 - 4. Fasten other materials to cold-formed metal framing by bolting or screw fastening, according to Shop Drawings.
- B. Reinforce, stiffen, and brace framing assemblies to withstand handling, delivery, and erection stresses. Lift fabricated assemblies to prevent damage or permanent distortion.
- C. Fabrication Tolerances: Fabricate assemblies level, plumb, and true to line to a maximum allowable tolerance variation of 1/8 inch in 10 feet and as follows:
 - 1. Spacing: Space individual framing members no more than plus or minus 1/8 inch from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.
 - 2. Squareness: Fabricate each cold-formed metal framing assembly to a maximum out-of-square tolerance of 1/8 inch.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine supporting substrates and abutting structural framing for compliance with requirements for installation tolerances and other conditions affecting performance.
 - 1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

- A. Cold-formed metal framing may be shop or field fabricated for installation, or it may be field assembled.
- B. Install cold-formed metal framing according to AISI's "Standard for Cold-Formed Steel Framing - General Provisions" and to manufacturer's written instructions unless more stringent requirements are indicated.

- C. Install shop- or field-fabricated, cold-formed framing and securely anchor to supporting structure.
 - 1. Screw or bolt wall panels at horizontal and vertical junctures to produce flush, even, true-to-line joints with maximum variation in plane and true position between fabricated panels not exceeding 1/16 inch.
- D. Install cold-formed metal framing and accessories plumb, square, and true to line, and with connections securely fastened.
 - 1. Cut framing members by sawing or shearing; do not torch cut.
 - 2. Fasten cold-formed metal framing members by screw fastening. Wire tying of framing members is not permitted.
 - a. Locate mechanical fasteners and install according to Shop Drawings, and complying with requirements for spacing, edge distances, and screw penetration.
- E. Install framing members in one-piece lengths unless splice connections are indicated for track or tension members.
- F. Install temporary bracing and supports to secure framing and support loads comparable in intensity to those for which structure was designed. Maintain braces and supports in place, undisturbed, until entire integrated supporting structure has been completed and permanent connections to framing are secured.
- G. Fasten hole reinforcing plate over web penetrations that exceed size of manufacturer's standard punched openings.
- H. Erection Tolerances: Install cold-formed metal framing level, plumb, and true to line to a maximum allowable tolerance variation of 1/8 inch in 10 feet and as follows:
 - 1. Space individual framing members no more than plus or minus 1/8 inch from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.

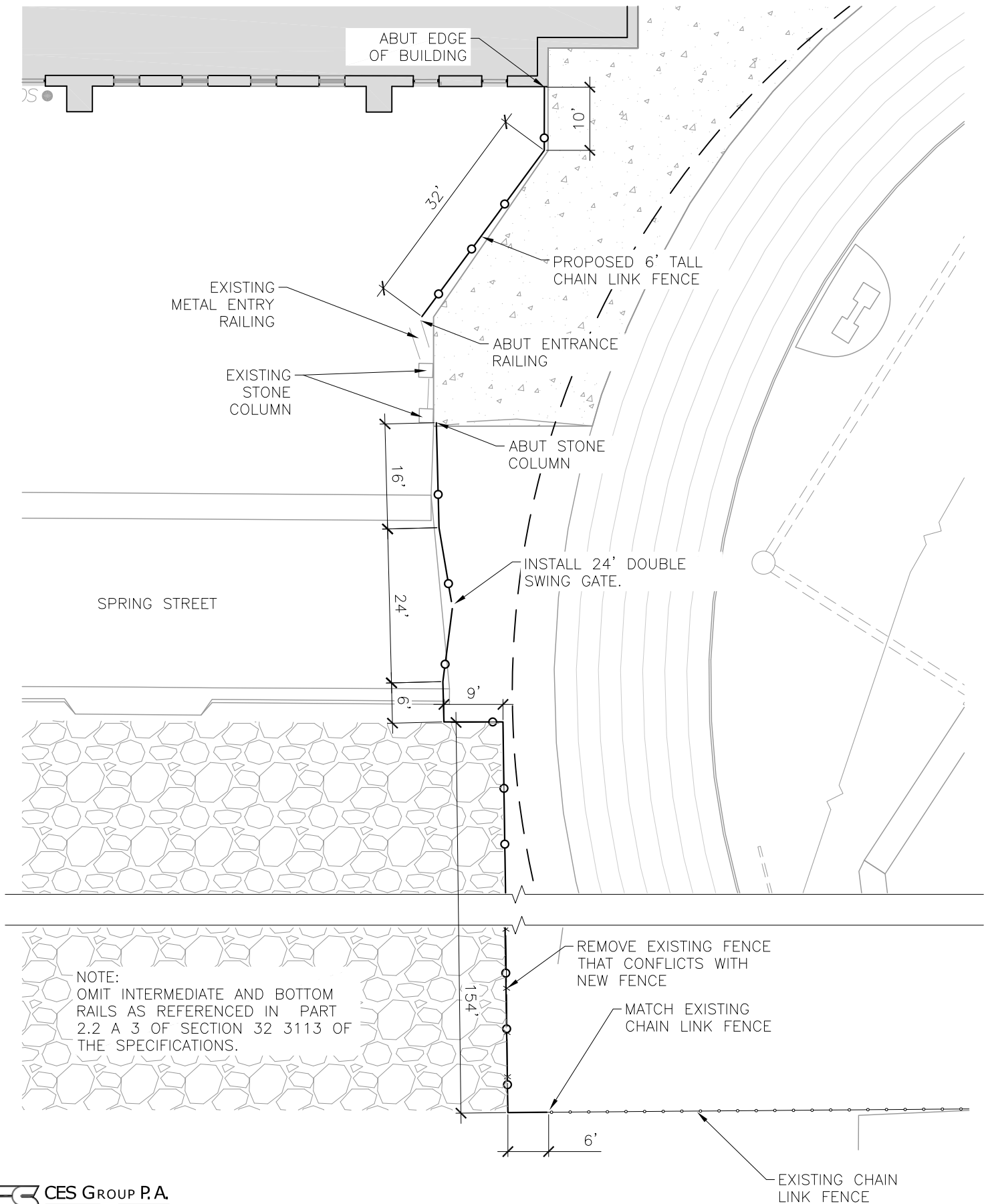
3.3 EXTERIOR NON-LOAD-BEARING WALL INSTALLATION

- A. Install continuous tracks sized to match studs. Align tracks accurately and securely anchor to supporting structure as indicated.
- B. Fasten both flanges of studs to bottom track, unless otherwise indicated. Space studs as follows:
 - 1. Stud Spacing: 16 inches o.c., unless otherwise indicated.
- C. Set studs plumb, except as needed or required for nonplumb walls or warped surfaces and similar requirements.
- D. Isolate non-load-bearing steel framing from building structure to prevent transfer of vertical loads while providing lateral support.
 - 1. Install single-leg deflection tracks and anchor to building structure.
- E. Install horizontal bridging in wall studs, spaced in rows but not more than 48 inches apart. Fasten at each stud intersection.
 - 1. Bridging: Cold-rolled steel channel, mechanically fastened to webs of punched studs.
 - 2. Bridging: Proprietary bridging bars installed according to manufacturer's written instructions.
- F. Install miscellaneous framing and connections, including stud kickers, web stiffeners, clip angles, continuous angles, anchors, fasteners, and stud girts, to provide a complete and stable wall-framing system.

3.4 REPAIRS AND PROTECTION

- A. Galvanizing Repairs: Prepare and repair damaged galvanized coatings on fabricated and installed cold-formed metal framing with galvanized repair paint according to ASTM A 780 and manufacturer's written instructions.
- B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensure that cold-formed metal framing is without damage or deterioration at time of Substantial Completion.

END OF SECTION 05 4000



NOTE:
 OMIT INTERMEDIATE AND BOTTOM
 RAILS AS REFERENCED IN PART
 2.2 A 3 OF SECTION 32 3113 OF
 THE SPECIFICATIONS.



MEMO

Project: USD 364 Marysville Junior/Senior High School Phase 2 Addition & Renovations
Project No: 15051
Date: January 19, 2017

To: Mike Mayo
The Ebert Mayo Design Group

From: Gerit Garman
Orazem & Scalora Engineering, P.A.

Please include the following items in Addendum No. 3.

1. Reference sheet M1.4, Partial Level 2 Plan – Mechanical Demolition. The following note references the wrong floor level. “Chilled water supply and return and heating water supply and return branch pipes to level 2 to remain.” Change “level 2” to “Level 3”.
2. Reference sheet E6.1, Lighting Fixture Schedule. Add the following note to the schedule, “3. Coordinate finish of all fixtures with Architect.”
3. Reference sheet E6.1, Lighting Fixture Schedule. The following additional manufacturers shall be considered acceptable for the lighting fixture marks below.

<u>MARK</u>	<u>MANUFACTURER</u>
C	Litecontrol
D1 through D4	Litecontrol
E1 through E4	Exitronix
E5	Dual Lite
E7	Exitronix
G	Litecontrol
H1 & H2	Juno
K1 through K5	Juno
L1 & L2	Litecontrol
V1 & V2	Deco
DD	i2Systems
X1 through X3	Dual Lite

4. Reference sheet E6.1, Lighting Fixture Schedule. Make the following changes.
 - a. Provide fixture mark ‘C’ with dual circuits for separate control of direct and indirect lighting.
 - b. Provide fixture mark ‘J3’ in 4’ length.
 - c. The dimensions of fixture mark “FF” are 11.81” Dia. x 8.87”D.
 - d. Provide fixture mark ‘H1’ with 4,000K lumen package.
 - e. Provide fixtures mark ‘M1’, ‘M2’, and ‘M3’ with 4,000 K lumen package.
 - f. Provide fixture mark ‘S’ with 4,000K lumen package.

5. Reference sheet P3.1, Fire Protection Service Entrance Detail. Provide a post indicator valve for the fire protection service entrance. Reference specification 210000 Fire Protection for requirements. Coordinate location of post indicator valve with City of Marysville and the Architect.
6. Reference specification 238000 HVAC Equipment – Air Side, Part 2 – Products, 2.1 Horizontal and Vertical Fan Coil Units, I. Acceptable Manufacturers. Add ETI to the list of acceptable manufacturers.
7. Reference specification 238000 HVAC Equipment – Air Side, Part 2 – Products, 2.2 Unit Ventilators, M. Acceptable Manufacturers. Add Airedale to the list of acceptable manufacturers.
8. Reference specification 278800 Intercom Systems, Part 1 – General, 1.2 Quality Assurance, A. Equipment. Delete note no. 4, “Base Bids shall be based on the specified products as manufactured by Carehawk. Alternate systems shall be bid Alternate Number 1 with the manufacturer specified on the Bid Form.”