

# ADDENDUM

ADDENDUM NO: 03

PROJECT: Noblesville East Middle School Site Building

PROJECT NO: 2024078

DATE: 01/28/2025

BY: Nick Wissing

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

Addendum Pages: **ADD 1 of 3 through ADD 3 of 3**

Attached Drawings: **C000, C400, C401, C500, A501**

Attached Specifications: **08 33 13**

## **PART 0 - GENERAL INFORMATION**

NONE

## **PART 1 - BIDDING REQUIREMENTS**

### 1.1 Pre-Bid Agenda

- i. Please remove and ignore line 4.b.iv stating a completed Non-Discrimination Affidavit is required. This document is not required.

## **PART 2 - SPECIFICATIONS**

### 2.1 08 33 13 – COILING COUNTER DOORS

- A. Insert specification in its entirety
- B. This type of door to be used at concessions doors 101-2 & 101-3.

### 2.2 10 28 00 – TOILET, BATH, AND LAUNDRY ACCESSORIES

- A. Paragraph 2.03.D.3 please add the following:
  1. "c. World Dryer Corporation"

### 2.3 23 81 35 – MULTI-SPLIT AIR CONDITIONING

- A. Page No. 2 - Paragraph No. 2.1
  1. Add F. LG

- B. Page No.1 – Paragraph No. 1.2 Submittals
  - 1. Add B.2 “Piping diagrams including piping lengths that demonstrate conformance with manufacturer’s line length limitations.

### **PART 3 - DRAWINGS**

- 3.1 C000 – TITLE SHEET
  - A. Modified Drawing Index to identify the revised sheets & dates under this Addendum (clouded)
- 3.2 C400 – DRAINAGE PLAN
  - A. Modified stormwater sewer pipe size from 12” to 15” (match existing size).
- 3.3 C401 – DRAINAGE PROFILES
  - A. Modified stormwater sewer pipe size from 12” to 15” (match existing size).
- 3.4 C500 – UTILITY PLAN
  - A. Modified water line callout to exclude “seasonal winterization.” This is no longer applicable.
- 3.5 A501 – DOORS, FRAMES, AND DETAILS
  - A. Reissue sheet in its entirety.

### **PART 4 - OTHER ITEMS**

NONE

### **PART 5 - QUESTIONS AND ANSWERS**

- 5.1 Question: Addendum #2 references a Non-Discrimination Affidavit document to be submitted with the bids; however, that form was not included in the addendum. Can you please clarify?
  - A. Please ignore that reference. That document is not required.
- 5.2 Question: Page C500 has a note that mentions the water line should have “fittings for seasonal winterization”, but no details are shown. Are these fittings supposed to be inside the building, outside the building, etc?
  - A. The note for “winterization” has been removed and is no longer applicable.

- 5.3 Question: 101-2 & 101-3 are of concern due to the guide detail. The between jamb guide detail for an insulated coiling service door is significantly different from what is shown in J2. J2 looks to be from a coiling grille while an insulated service door is a three angle guide that usually measures about 7" plus the 3" tube.
- A. 101-2 & 101-3 are coiling counter doors which is where the detail J2 came from. This specification section was missing and is being added as part of this addendum.
- 5.4 Question: Please confirm the height of the overhead doors. The schedule and sections seem to indicate different things.
- A. See opening heights below. The door schedule has been modified to reflect these numbers.
1. 101-2 Opening Height – 8' – 0"
  2. 101-3 Opening Height – 8' – 0"
  3. 108-3 Opening Height – 9' – 4"
  4. 108-4 Opening Height – 9' – 4"

**END ADDENDUM**

SECTION 08 33 13 - COILING COUNTER DOORS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. Section Includes:
  - 1. Counter doors.

1.03 ACTION SUBMITTALS

- A. Product Data: For each type and size of overhead coiling door and accessory. Include the following:
  - 1. Construction details, material descriptions, dimensions of individual components, profiles for slats, and finishes.
  - 2. Rated capacities, operating characteristics, electrical characteristics, and furnished accessories.
- B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data. Include plans, elevations, sections, details, and attachments to other work.
  - 1. Detail equipment assemblies and indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
- C. Samples for Verification: For each type of exposed finish required, prepared on Samples of size indicated below.
  - 1. Curtain Slats: 12 inches (305 mm) long.
- D. Delegated-Design Submittal: For overhead coiling doors indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
  - 1. Detail fabrication and assembly of seismic restraints.
  - 2. Summary of forces and loads on walls and jambs.

1.04 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For overhead coiling doors to include in maintenance manuals.

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1.05 QUALITY ASSURANCE

- A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for both installation and maintenance of units required for this Project.
- B. Source Limitations: Obtain overhead coiling doors from single source from single manufacturer.
- C. Regulatory Requirements: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines and ICC/ANSI A117.1.

PART 2 - PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Design overhead coiling doors, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.

2.02 DOOR CURTAIN MATERIALS AND CONSTRUCTION

- A. Door Curtains: Fabricate overhead coiling-door curtain of interlocking metal slats, designed to withstand wind loading indicated, in a continuous length for width of door without splices. Unless otherwise indicated, provide slats of thickness and mechanical properties recommended by door manufacturer for performance, size, and type of door indicated, and as follows:
  - 1. Steel Door Curtain Slats: Zinc-coated (galvanized), cold-rolled structural steel sheet; complying with ASTM A 653/A 653M, with G90 (Z275) zinc coating; nominal sheet thickness (coated) of 0.028 inch (0.71 mm) and as required to meet requirements.
  - 2. Insulation: Fill slats for insulated doors with manufacturer's standard thermal insulation complying with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively, according to ASTM E 84. Enclose insulation completely within slat faces.
  - 3. Metal Interior Curtain-Slat Facing: Match metal of exterior curtain-slat face.
  - 4. Gasket Seal: Provide insulated slats with manufacturer's standard interior-to-exterior thermal break or with continuous gaskets between slats.
- B. Endlocks for Counter Doors: Manufacturer's standard locks on not less than alternate curtain slats for curtain alignment and resistance against lateral movement.
- C. Bottom Bar for Counter Doors: Manufacturer's standard continuous channel or tubular shape, fabricated from manufacturer's standard hot-dip galvanized steel, stainless steel, or aluminum extrusions to match curtain slats and finish.
- D. Astragal for Interior Doors: Equip each door bottom bar with a replaceable, adjustable, continuous, compressible gasket of flexible vinyl, rubber, or neoprene as a cushion bumper.
- E. Curtain Jamb Guides: Manufacturer's standard angles or channels and angles of same material and finish as curtain slats unless otherwise indicated, with sufficient depth and

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strength to retain curtain, to allow curtain to operate smoothly, and to withstand loading. Slot bolt holes for guide adjustment. Provide removable stops on guides to prevent over-travel of curtain.

2.03 HOOD

- A. General: Form sheet metal hood to entirely enclose coiled curtain and operating mechanism at opening head. Contour to fit end brackets to which hood is attached. Roll and reinforce top and bottom edges for stiffness. Form closed ends for surface-mounted hoods and fascia for any portion of between-jamb mounting that projects beyond wall face. Equip hood with intermediate support brackets as required to prevent sagging.
  - 1. Galvanized Steel: Nominal 0.028-inch- (0.71-mm-) thick, hot-dip galvanized steel sheet with G90 (Z275) zinc coating, complying with ASTM A 653/A 653M.

2.04 COUNTER DOORS

- A. Integral Frame, Hood, and Fascia for Counter Door: Welded sheet metal assembly of the following sheet metal:
  - 1. Galvanized Steel: Nominal 0.064-inch- (1.63-mm-) thick, hot-dip galvanized steel sheet with G90 (Z275) zinc coating, complying with ASTM A 653/A 653M.

2.05 LOCKING DEVICES

- A. Slide Bolt: Fabricate with side-locking bolts to engage through slots in tracks for locking by padlock, located on both left and right jamb sides, operable from coil side.
- B. Locking Device Assembly: Fabricate with cylinder lock, spring-loaded dead bolt, operating handle, cam plate, and adjustable locking bars to engage through slots in tracks.
  - 1. Lock Cylinders: Provide cylinders specified in Section 08 71 00 "Door Hardware".
  - 2. Keys: Provide two for each cylinder.

2.06 CURTAIN ACCESSORIES

- A. Push/Pull Handles: Equip each push-up-operated or emergency-operated door with lifting handles on each side of door, finished to match door.
  - 1. Provide pull-down straps or pole hooks for doors more than 84 inches (2130 mm) high.

2.07 COUNTERBALANCING MECHANISM

- A. General: Counterbalance doors by means of manufacturer's standard mechanism with an adjustable-tension, steel helical torsion spring mounted around a steel shaft and contained in a spring barrel connected to top of curtain with barrel rings. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.
- B. Counterbalance Barrel: Fabricate spring barrel of manufacturer's standard hot-formed, structural-quality, welded or seamless carbon-steel pipe, of sufficient diameter and wall

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thickness to support rolled-up curtain without distortion of slats and to limit barrel deflection to not more than 0.03 in./ft. (2.5 mm/m) of span under full load.

- C. Spring Balance: One or more oil-tempered, heat-treated steel helical torsion springs. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Secure ends of springs to barrel and shaft with cast-steel barrel plugs.
- D. Torsion Rod for Counterbalance Shaft: Fabricate of manufacturer's standard cold-rolled steel, sized to hold fixed spring ends and carry torsional load.
- E. Brackets: Manufacturer's standard mounting brackets of either cast iron or cold-rolled steel plate.

2.08 MANUAL DOOR OPERATORS

- A. Equip door with manufacturer's recommended manual door operator unless another type of door operator is indicated.
- B. Crank Operator: Consisting of crank and crank gearbox, steel crank drive shaft, and gear-reduction unit, of type indicated. Size gears to require not more than 25 lbf (111 N) force to turn crank. Fabricate gearbox to be oil tight and to completely enclose operating mechanism. Provide manufacturer's standard crank-locking device.

2.09 DOOR ASSEMBLY

- A. Counter Door: Overhead coiling door formed with curtain of interlocking metal slats.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. C.H.I. Overhead Doors.
    - b. Cookson Company.
    - c. Cornell Iron Works, Inc.
    - d. Dynamic Closures Corp.
    - e. McKeon Rolling Steel Door Company, Inc.
    - f. Overhead Door Corporation.
    - g. Wayne-Dalton Corp.
    - h. Windsor Door.
- B. Operation Cycles: Not less than 20,000.
  - 1. Include tamperproof cycle counter.
- C. Door Curtain Material: Galvanized steel.
- D. Door Curtain Slats: Flat profile slats of 1-1/2-inch (38-mm) center-to-center height.
  - 1. Insulated-Slat Interior Facing: Metal.
- E. Curtain Jamb Guides: Galvanized steel with exposed finish matching curtain slats. Provide continuous integral wear strips to prevent metal-to-metal contact and to minimize operational noise.

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- F. Hood: Match curtain material and finish.
  - 1. Shape: Round.
  - 2. Mounting: Between jambs, unless shown otherwise on Drawings.
- G. Integral Frame, Hood, and Fascia for Counter Door: Galvanized steel.
  - 1. Mounting: Between jambs, unless shown otherwise on Drawings.
- H. Sill Configuration for Counter Door: No sill.
- I. Locking Devices: Equip door with slide bolt on both sides with cylinder.
  - 1. Locking Device Assembly: Cremone type, both jamb sides locking bars, operable from outside with cylinder.
- J. Manual Door Operator: Manual Push-Up/Pull-Down
- K. Door Finish:
  - 1. Powder-Coated Finish: Color as selected by Architect from manufacturer's full range.

2.10 GENERAL FINISH REQUIREMENTS

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.11 STEEL AND GALVANIZED-STEEL FINISHES

- A. Powder-Coat Finish: Manufacturer's standard baked-on finish consisting of prime coat and thermosetting topcoat. Comply with coating manufacturer's written instructions for cleaning, pretreatment, application, and minimum dry film thickness.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine substrates areas and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.
- B. Examine locations of electrical connections.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.



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3.02 INSTALLATION

- A. Install overhead coiling doors and operating equipment complete with necessary hardware, anchors, inserts, hangers, and equipment supports; according to manufacturer's written instructions and as specified.
- B. Install overhead coiling doors, hoods, and operators at the mounting locations indicated for each door.
- C. Accessibility: Install overhead coiling doors, switches, and controls along accessible routes in compliance with regulatory requirements for accessibility.

3.03 ADJUSTING

- A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.
- B. Lubricate bearings and sliding parts as recommended by manufacturer.
- C. Adjust seals to provide weathertight fit around entire perimeter.

END OF SECTION