

**ADDENDUM #1  
DAVISON HALL  
CHILLER REPLACEMENTS  
LOUISIANA TECH UNIVERSITY  
RUSTON, LOUISIANA  
PROJECT NO. 01-107-24-05 | WBS:F.01004736  
AFJMc 25.140**

**February 5, 2026**

THE FOLLOWING MODIFICATIONS AND/OR CLARIFICATIONS SHALL BE MADE TO THE DRAWING AND PROJECT MANUAL FOR THE CAPTIONED PROJECT:

**GENERAL**

1. All inquiries or questions regarding this solicitation shall be made by email to the project engineer, John Wilson at jwilson@afjmc.com no later than 12:00 PM on February 18, 2026. Any inquiries or questions received after this date and time shall not receive a response. Responses to any inquiries / questions submitted shall be published by way of Addendum.
2. Remove sections of brick enclosure wall and replace with fencing as indicated on drawing included in this addendum.

**MECHANICAL**

**DRAWINGS**

3. Sheet M2:
  - a. Pipe and Fitting Material Schedule: For Chilled Water piping 2-1/2" Piping and below Type L hard drawn copper, ASTM B-88 with 95-5 solder with intermediately corrosive flux and wrought copper fittings may be used as an alternate to steel. Connections between steel and copper shall be by means of a di-electric union or isolating flange.

**SPECIFICATIONS**

1. SECTION 23 09 23 – BUILDING MANAGEMENT AND CONTROL SYSTEMS
  - a. Page 9 Paragraph 3.5.A. insert following:" Replace existing controls to complete the following sequence:

**SEQUENCE OF OPERATION: CHILLER/CONVERTER**

**START/STOP CONTROL:** The Cooling and Heating systems shall be enabled as building load warrants. Upon shutdown the pumps shall run an additional 5 minutes to allow chiller to unload and converter to cool.

**CHILL WATER CONTROL:** The chillers internal controls shall control Chiller water temperature at setpoint.

**HEATING WATER CONVERTER:** When enabled the converter shall modulate the 1/3 and 2/3 steam valves in sequence to control hot water supply temp at setpoint. The hot water supply setpoint shall be reset from outside air temperature.

**SAFETIES:** The Chiller shall be directly interlocked with the chilled water flow switch to disable the chiller upon a loss of chiller water flow.

4. SECTION 23 64 26 – PACKAGED AIR-COOLED OUTDOOR WATER CHILLERS

a. Make the following changes:

b. PART 2 – PRODUCTS

- i. A.3 Evaporator: Change to read “The evaporator shall be a compact, high efficiency, dual circuit, brazed plate-to-plate type heat exchanger consisting of parallel stainless-steel plates.”
- ii. A.3a: Change “The evaporator shall be protected with an electric resistance immersion heart.” to read “The evaporator shall be freeze protected with a combination of a heater plate and insulation down to -20F° ambient air temperature.”
- iii. A.3c: Change to read “Evaporator shall have grooved connections.”
- iv. A.5 Compressor: Change to read “The compressors shall be sealed hermetic, scroll type with crankcase oil heater and suction strainer. The compressor motor shall be refrigerant gas cooled, high torque, hermetic induction type, two-pole, with inherent thermal protection on all three phases and shall be mounted on RIS vibration isolator pads. The compressors shall be equipped with an internal module providing compressor protection and communication capability.”
- v. A.11 Manufacturers: Change to read “Subject to compliance with requirements, provide outdoor-cooled scroll chillers of one of the following.”
- vi. Provide 2” high vibration isolation pads beneath the chillers, type as recommended by the chiller manufacturer.

5. SECTION 02 07 00 – SELECTIVE DEMOLITION

- a. Page 4, paragraph 3.7.A: Delete “Transport containers to Tech maintenance facility.” The Chromated Lithium Bromide shall be removed from the site by the contractor.

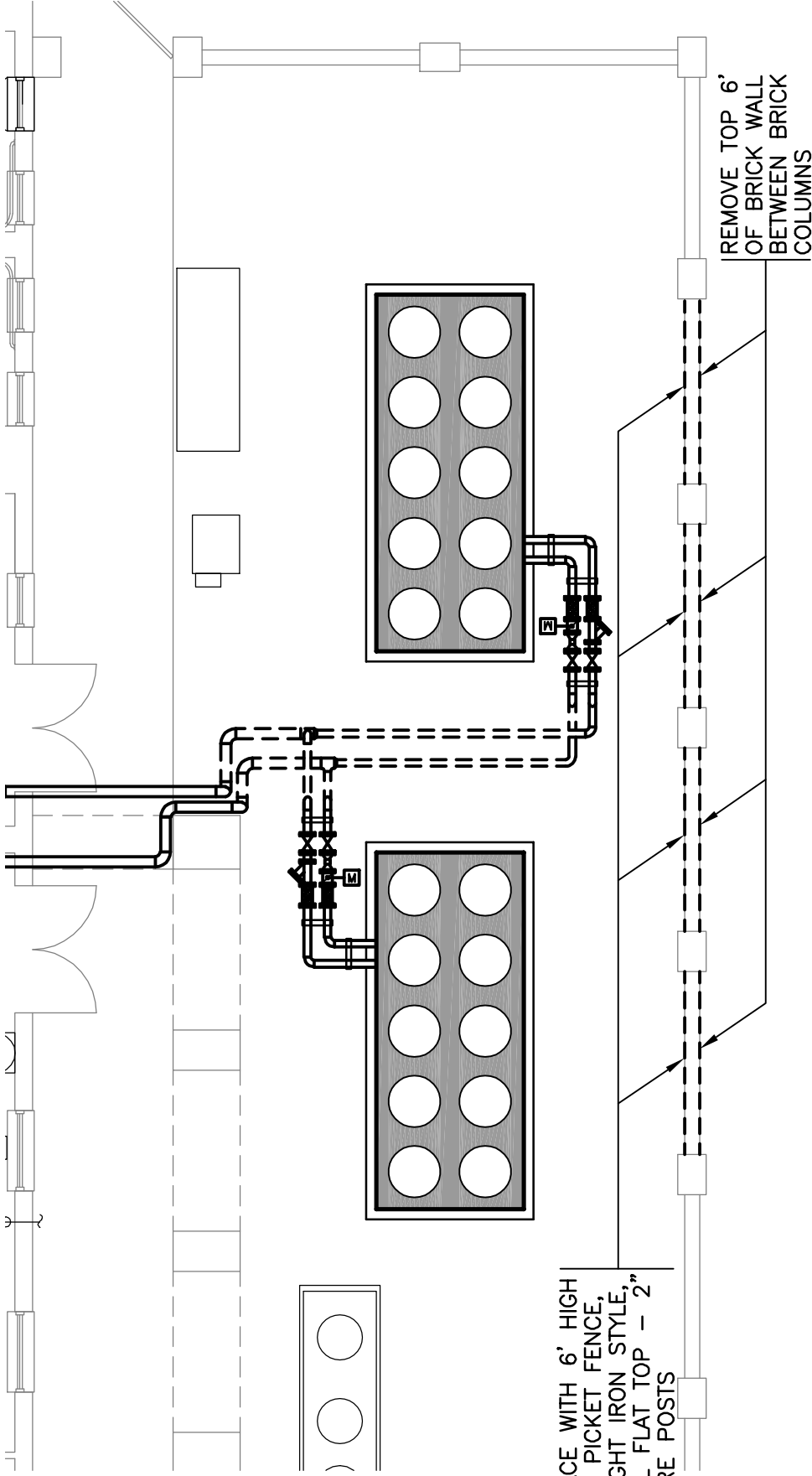
6. SECTION 23 05 33 – ELECTRIC HEAT TRACING FOR PIPING

- a. Paragraph 1.2.A, insert the following: Provide heat tracing for all above grade exterior chilled water piping exiting the mechanical room to the chillers.

EQUIPMENT APPROVALS

The following manufacturers are approved as substitutes for the items listed, subject to compliance with drawings, specifications, space limitation requirements, and comparison to the specified unit:

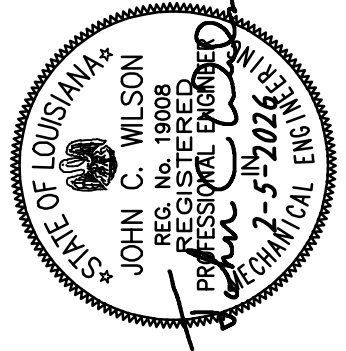
1. Variable Frequency Drives:
  - a. Yaskawa
2. Pre-Insulated Hydronic Distribution Exterior Below Grade:
  - a. Insul-Pipe
3. Hydronic Pumps:
  - a. Patterson Pumps
  - b. Grundfos Pumps



PARTIAL FIRST FLOOR PLAN  
ENCLOSURE WALL



1/4"=1'-0"



DAVISON HALL  
CHILLER REPLACEMENT  
LOUISIANA TECH UNIVERSITY  
STATE PROJECT NO.01-107-24-05  
SCHEDULE NO.535  
WBS NO.F.01004736  
ADDENDUM NO.1  
FEBRUARY 5, 2026  
SHEET M1