

ADDENDUM #1

DATE: **September 16, 2022**

TO CONTRACT DOCUMENTS ENTITLED:

**EAST CAMPUS CHILLER PLANT – INSTALL WATER COOLED CHILLER
PROJECT NUMBER: CP212233**

**At University of Missouri
Columbia, Missouri 65211**

ADVERTISEMENT DATE: August 25, 2022

PREPARED FOR: The Curators of the University of Missouri

CONSULTANT Ross & Baruzzini, Inc.
6 South Old Orchard
St. Louis, Missouri 63119
314-918-8383

Drawings and Specifications for the above noted project and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

General:

Specifications:

1. 230500 Basic Mechanical Materials and Methods
 - a. **ADD** paragraph 3.1.G “Prior to any cutting of the exiting concrete floor this Contractor shall fully x-ray the area of the floor to be disturbed and locate all existing utilities and/or reinforced steel. Coordinate new work with existing conditions. Notify Owner’s representative if existing conditions will not allow new work to be installed per the contract documents prior to proceeding with new work.”
2. 230900 Control Systems
 - a. **ADD** paragraph 1.1.F “Conduit shall be installed in accordance with specification section 260533 Raceways. Contractor shall have the option to employ Division 26 contractor for installation of conduit associated with controls as related to this specification section.”
3. 260533 Raceways
 - a. Section 3.1 A.5 – **Revise** per the following: Connections to vibrating equipment: FMG, ~~except use LFMC in wet or damp locations.~~
4. 260536 Cable Trays
 - a. Section 2.4 A.7 – **Revise** Minimum Usable Load Depth to be **4 inches** in lieu of 6 inches.
 - b. Section 2.4 A.9 – **Revise** Width be **18 inches** in lieu of 12 inches.

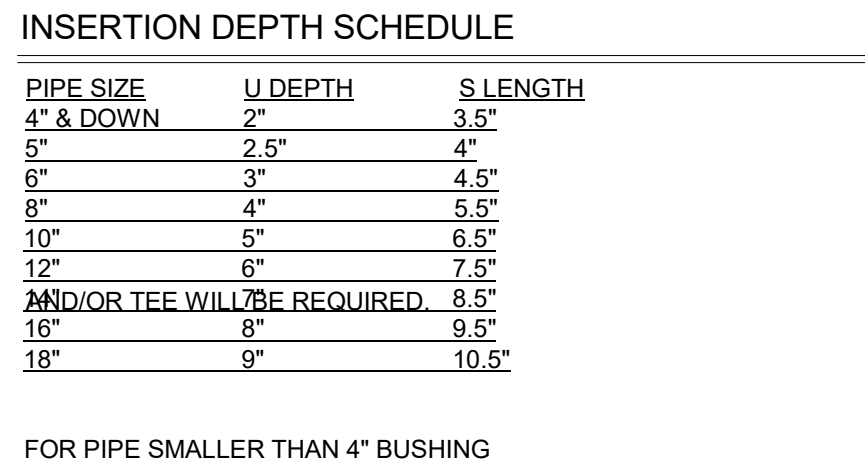
Drawings:

1. SHEET M701 – CONTROLS
 - a. Refer to reissued sheet for revisions.
 - i. MODIFY detail B Water Magnetic Flow Detail to reference existing flow meter is Siemens Magflo Mag 6000 with Mag 5100W.
2. SHEET E402
 - a. Detail 2 – ELECTRICAL CH-9 SECTION – **Revise** reference and note where transitioning from RMC to be **LIQUIDTIGHT FLEXIBLE METAL CONDUIT** in lieu of FLEXIBLE METAL CONDUIT.

Attachments:

Sheet M701.

END OF ADDENDUM #1



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1. EXISTING FLOW COMPUTER TO REMAIN.
2. FLOW METER SHALL BE INSTALLED BY CONTRACTOR. AFTER INSTALLATION THE OWNER SHALL PERFORM ANY NECESSARY CALIBRATIONS. AFTER CALIBRATION, THE CONTRACTOR SHALL INSULATE THE ENTIRE ASSEMBLY.
3. FLOW METER SHALL BE INSTALLED IN ACCORDANCE TO MFG. INSTALLATION PROCEDURE.
4. EXISTING FLOWMETER IS SIEMENS MAGFLO MAG 6000 WITH MFG 5100W. NEW CABLING SHALL ONLY BE PROVIDED FROM SIEMENS FOR THE MAKE AND MODEL OF THE FLOWMETER.



1. COORDINATE WITH DDC PANEL MOUNT DETAIL.
2. COORDINATE WITH FIBER PANEL DETAIL.

KEYED NOTES:

- 1 PROVIDED BY OWNER, INSTALLED BY CONTRACTOR.

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GENERAL NOTES:

1. KEEP ALL LOW VOLTAGE CONTROL WIRING (UNDER 25V) AND LOW VOLTAGE POWER WIRING (OVER 25V) SEPARATED. (RUN IN SEPARATE CONDUIT).
2. PLYWOOD SIZE IS BASED ON THE NUMBER OF CONTROLLERS IN EACH LOCATION. COORDINATE WITH OWNERS REPRESENTATIVE.

KEYED NOTES:

- 1 DDC CONTROLLERS ARE SUPPLIED BY OWNER AND MOUNTED BY CONTRACTOR.

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UNIVERSITY OF MISSOURI
EAST CAMPUS CHILLER PLANT
INSTALL WATER COOLED CHILLER
UM PROJECT NUMBER CP212233
COLUMBIA, MISSOURI


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WHEN THIS DRAWING IS
REPRODUCED AT ORIGINAL
SCALE THIS BAR = 1 INCH



A horizontal black bar with a double-headed arrow below it, labeled "1 INCH".

REVISIONS:

[illegible]

DESIGNED BY: RJD

CHECKED BY: RJD

MU PROJ. NO.: CP212233

BB PROJ NO: 0011484 000

ISSUE DATE: 08/25/2022

DEPARTMENT OF THE ARMY

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CONTROLS

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DRAWING NO.:

M701

M701