



FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES COMMISSIONER ADAM H. PUTNAM

December 7, 2017

ADDENDUM 1

TO: Vendors
FROM: Vianka Colin, Purchasing Director
**RE: INVITATION TO BID NUMBER ITB/DA-17/18-32
ROOFTOP HVAC REPLACEMENT**

This addendum is to provide all potential bidders with changes as well as answers to questions received in reference to Invitation to Bid ITB/DA-17/18-32. **Deletions are struck through, and additions are highlighted.**

BID OPENING

The bid opening will be at 2:00 p.m. on ~~December 15, 2017~~ December 19, 2017. The location of the bid opening is the Florida Department of Agriculture and Consumer Services, Bureau of General Services, 407 S. Calhoun Street, Mayo Building, Room SB-8, Tallahassee, Florida 32399-0800.

QUESTIONS / ANSWERS

1. **Drawing M3.0 shows us extending the existing 6" chilled water (CW) piping. The point of connection to extend the 6" CW pipe is 4". Please provide the location where we are to pick up the 6" CW from?**

Connection is to be made at the available 4" piping located in the main mechanical room. See Revised Drawings.

2. **Drawing M3.1 shows us routing the new CW piping above the ceiling towards two shaft locations. Through the site visit, it was discovered that the existing ductwork takes up the entire space from ceiling grid to the concrete deck in multiple locations. There will not be enough room to blow-out the ductwork to accommodate the new CW piping. Please provide some direction on how to proceed.**

The revised pipe routing avoids the conflicts described and simplifies the vertical pipe routing. See Revised Drawings for revised pipe routing.

3. **Drawing M4.0, Typical Mechanical Building Section, details that the existing shaft that the new CW piping is to be run through has existing hot water (HW) piping, supply duct work and electrical conduit that are larger and smaller than the new CW piping that we are to run up through. The existing HW piping, supply ductwork and electrical supports are secured to the inside of the shaft. Most of the existing supports will have to be altered to accept the new CW and condensate (CD) piping. This will require multiple large access doors installed in the concrete shaft wall. These will have to be large enough for a person to access them. What type of access doors are we to install?**

Access to the chase will be accomplished by demolition of the full chase bottom. The Owner has opened a chase access for inspection. See Revised Drawings for additional demolition and reconstruction of the chase bottom.

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4. **There are areas where the new CW and CD piping is to be installed and there is no space to run them through. There are areas that will require the existing return air fire dampers to be resized and structural supports installed to allow the new CW and CD piping. Will this be acceptable?**

The revised pipe routing avoids the conflicts described and simplifies the vertical pipe routing. See Revised Drawings for revised CW and CD pipe routing.

5. **There will be welding inside the building. Are there any requirements for ventilation of the fumes?**

Welding in the building will be allowed only during off hours and with adequate fume capture and ventilation.

6. **Are we to bring the shaft wall that we touch up to code?**

The existing shaft has a 1-hour fire rating as indicated on the drawings. All penetration and new chase bottom construction are required to maintain the 1-hour rating. See Revised Drawings for new shaft bottom re-construction details.

7. **What is the wind rating requirements for the two (2) new roof top units?**

New AHU must be designed to withstand the ultimate design wind speed requirement for Tallahassee of 130 mph.

8. **Drawings M4.0, AHU Roof Curb Detail - Depending on the wind load requirements for the new RTU, we will need to secure the new curb to new structure steel support. What is the size, thickness required for the structure steel angle to support the weight of the new RTU?**

Secure the curb to the concrete roof deck as indicated on M4.0, AHU Roof Curb Detail. Secure the unit to the curb as directed by the manufacturer.

9. **Due to all of the existing ductwork that was discovered during site visit, the condensate line routing is not going to be easy to get the fall required when we run it out towards the exterior of wall. Can we run the condensate lines on the roof and down the side exterior of the building to the new French drains?**

Condensate drain piping will be routed to a storm inlet in the areaway. See Revised Drawings for revised pipe routing and eliminate the French drains.

10. **During the pre-bid meeting, we were told that there is addendum #1 coming out referencing BAS controls. Since December 1 is the last day for questions and the addendum #1 has not come out, is the controls that is being designed open to one all manufacturers that are local?**

See Revised Drawings and Specifications for control system requirements.

To the extent this addendum gives rise to a protest, failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes. All other terms, conditions and specifications of this Invitation to Bid will remain the same. If you have any questions regarding this addendum, please feel free to contact this office at (850) 617-7181.

Florida Department of Agriculture and Consumer Services
ROOFTOP HVAC REPLACEMENT
DOYLE CONNER LAB ADMIN. BUILDING

Incorporate into the Construction Contract the following:

Replace Revised Drawings:

Conform to Revised Drawings: (dated 12/6/17)

- M3.0 Mechanical Second Floor Work
- M3.1 Mechanical Basement Level New Work
- M4.0 Mechanical Details

Generally the revisions include:

1. Chilled water piping & connection size has been revised
2. Chilled water pipe routing has been revised.
3. Condensate pipe routing has been revised, French drains have been eliminated.
4. Demolition of shaft bottom for access has been indicated
5. Reconstruction of 1-hour shaft bottom has been detailed

Add Control System Drawings:

Include the requirements of Drawings: (dated 12/6/17)

- M5.0 Mechanical Controls General
- M5.1 Mechanical Controls Sequences and Schematic
- M5.2 Mechanical New Controls Points List, Existing Controls - Basement AHU

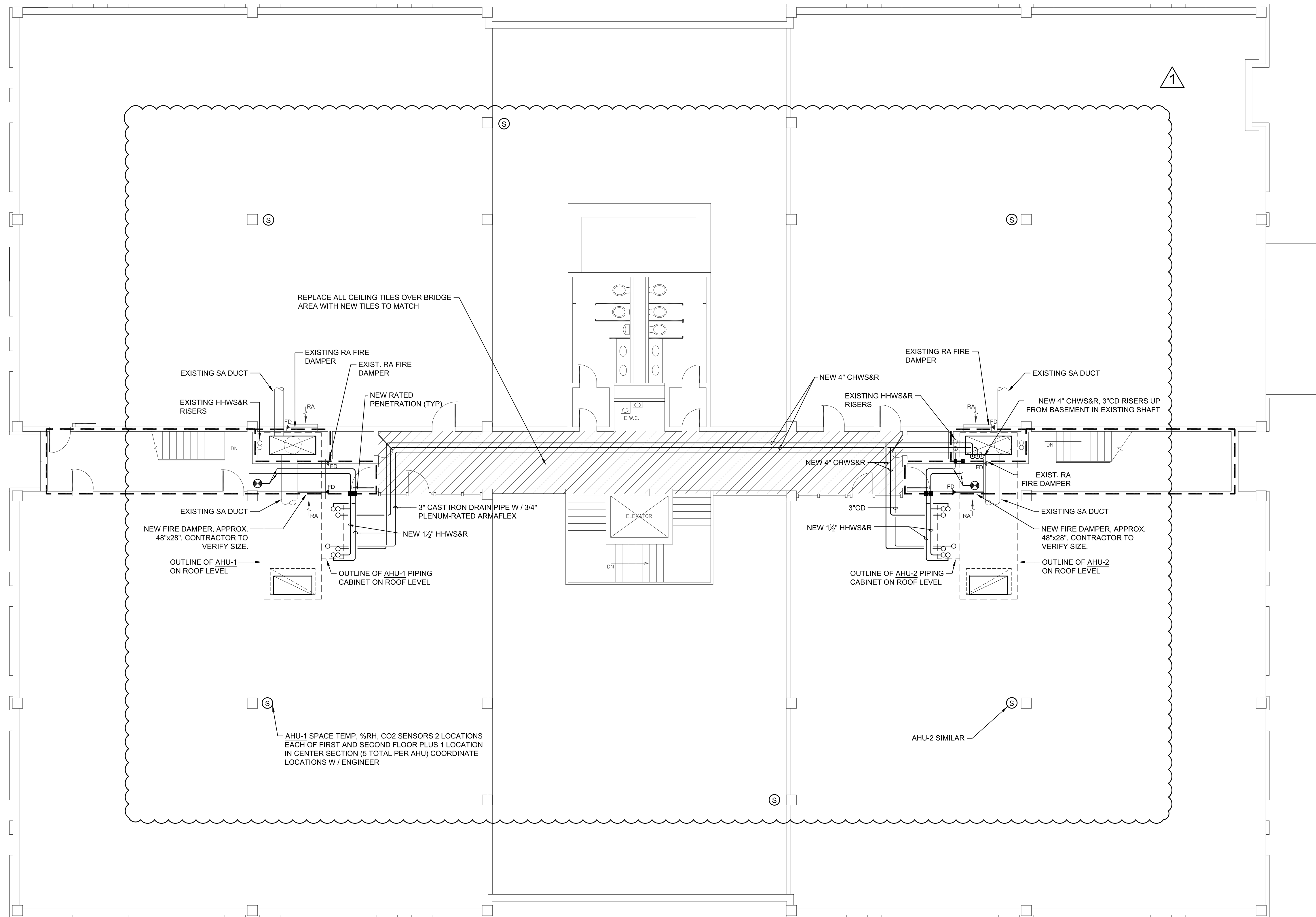
Add Control System Specifications:

Include the requirements of Specifications (dated 12/6/17)

- Section 15975 - HVAC CONTROLS

Replace Specification Index:

- MEPF SPECIFICATIONS (dated 12/6/17)



McGinniss & Fleming
Engineering, Inc.

Mechanical • Electrical • Fire Protection • Plumbing

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Tallahassee, Florida 32308

CA #05090

ROOFTOP HVAC REPLACEMENT
DOYLE CONNER LAB ADMIN BUILDING
TALLAHASSEE, FLORIDA

FL. DEPT. OF AGRICULTURE &
CONSUMER SERVICES

DATE:
November 10, 2017

REVISION 1 - ADDENDUM 1 12/6/17

DESIGNED BY:
PJM

DRAWN BY:
TEP

SUBMITTAL:
CONSTRUCTION DOCUMENTS

SHEET TITLE:
MECHANICAL
SECOND FLOOR
NEW WORK

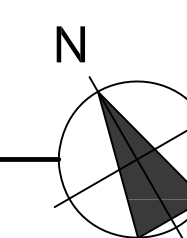
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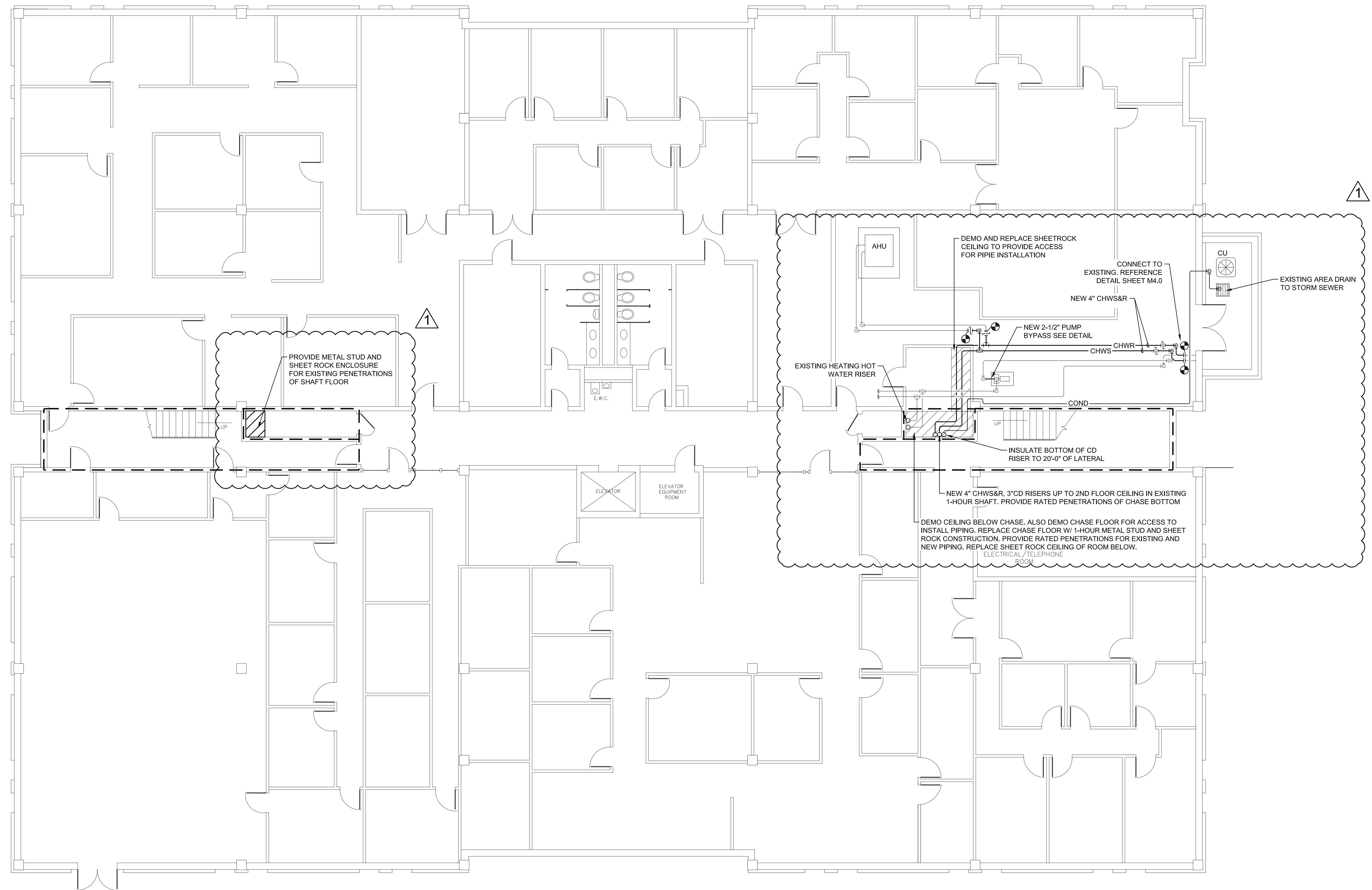
M3.0

JOB NUMBER:

1712

SECOND FLOOR PLAN - NEW WORK
SCALE: 1/8" = 1'-0"





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DOYLE CONNER LAB ADMIN BUILDING
TALLAHASSEE, FLORIDA

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DATE:
November 10, 2017

· REVISION 1 - ADDENDUM 1 12/6/17

DESIGNED BY: PJM
DRAWN BY: TEP

SUBMITTAL:
CONSTRUCTION DOCUMENTS

SHEET TITLE:
MECHANICAL
BASEMENT LEVEL
NEW WORK

SHEET:
M3.1

JOB NUMBER:
1712

BASEMENT FLOOR PLAN - NEW WORK
SCALE: 1/8" = 1'-0"

