ADDENDUM #2

CU Denver- 125014\textsuperscript{th} Street
Domestic Water Booster Pump Addition

Questions and Answers

Project PN19-106280

April 23, 2020

Please see the following Questions and Answers

End of Addendum #2
Question: Are there any time work restrictions on this project, or the upper?
Answer: No.

Question: Is there a spec for access doors? We will need to install in multiple locations? What is the elevation of the floors to know how much vertical wire and conduit to run? Is it okay to build this hard lid from 3 5/8" steel studs?
Answer: Yes. A new bollard will be indicated in Addendum 1. Pump controls shall be located with pump equipment. Refer to Sheet P0.02, Booster detail. We discussed that the pressure sensor is acceptable for the heater control in the booster pump room? For economical and expediency's sake, is a line voltage thermostat preferred? The MCC only need to act as a point of power distribution?

Question: Since part of the soffit above the pump room ceiling that will need to be removed for access to this work, does this chases (closets) will need to be removed in order for the EC to install a new 4" CW pipe. Where does Riser 4 tie in?
Answer: The closets are all bare concrete. The compartments are the same and have no floor finishes. Is this correct? Does the owner require all equipment to be pre-wired prior to coring? Review the core locations on Sheet E2.00. Will this be required? Who should verify that the core is in the correct location?

Question: CU Faculties will manage outages. Where are the Riser 4 connection points located on the fourth floor ceiling where the 2" electrical conduit comes down indoors? Can the conduit from the penthouse to the existing 2" conduit be ran outdoors? Where there is wall paper, how will those walls be finished after they are opened up?
Answer: Spaces #39, #40. Spaces #39, #40. No. the University has its own AHJ. Yes per dtl. 6/A1.1. Yes per dtl. 6/A1.1.

Question: Yes. A new bollard will be indicated in Addendum 1. Piping for riser 4 is indicated on sheet P2.00. New PRV shall be in the MCC only need to act as a point of power distribution? Can the conduit from the penthouse to the existing 2" conduit be ran outdoors? Where there is wall paper, how will those walls be finished after they are opened up?
Answer: No. Use Siemens TEC as noted. Spaces #39, #40. Spaces #39, #40. Spaces #39, #40.

Question: Verify spaces for the masons to set up sand, block, mixer will be available in penthouse. Can this soffit be left open since the pump room is heated? Can we confirm whether or not we are to x-ray or use GPR prior to core cutting? No. Reason: The project owner does not have the access to the roof for the X-ray, and we are not to proceed with GPR. Visibility of the building for this project is limited. The project owner is not aware of any筩 damage to the roof or the building. Where is the water supply located at? Where does water get back down to the control in the parking garage? Where is Riser 4 tied into the building?
Answer: No. Reason: The project owner does not have the access to the roof for the X-ray, and we are not to proceed with GPR. Visibility of the building for this project is limited. The project owner is not aware of any筩 damage to the roof or the building. Water supplies are available on level P1 within reasonable distance. The closets are all bare concrete. The compartments are the same and have no floor finishes. Is this correct? Does the owner require all equipment to be pre-wired prior to coring? Review the core locations on Sheet E2.00. Will this be required? Who should verify that the core is in the correct location?

Question: MCC only need to act as a point of power distribution? Can the conduit from the penthouse to the existing 2" conduit be ran outdoors? Where there is wall paper, how will those walls be finished after they are opened up?
Answer: No. Reason: The project owner does not have the access to the roof for the X-ray, and we are not to proceed with GPR. Visibility of the building for this project is limited. The project owner is not aware of any筩 damage to the roof or the building. Where is the water supply located at? Where does water get back down to the control in the parking garage? Where is Riser 4 tied into the building?
The existing 2" EMT from the penthouse to the 5th floor are not properly fire rated/protected through the floor. Does the EC need to plan on correcting this or can it be grandfathered in?

Corrected, the floor slabs do not carry a fire rating. For Noncombustible penetrating items that connect not more than five stories, see 2015 IBC section 714.5 Nonfire-Resistance-Rated Assemblies; Penetrations of nonfire-resistance-rated floor or floor/ceiling assemblies or the ceiling membrane of a nonfire-resistance-rated roof/ceiling assembly shall meet the requirements of Section 713 or shall comply with Section 714.5.1 or 714.5.2. At the penetration between the parking level and B occupancy provide an approved through penetration assembly for a 1-hour separation for the material used.

A GC mentioned that the stonemason will require 208V single phase 30 amp power supply to the garage for their saw equipment. This is currently unavailable in the garage. Does the University want this power to be supplied from the Annex electrical panel or would it be preferred to have a 15kVA transformer and 208 volt, 60A sub-panel installed in the skid room for this and future use (which would also alleviate the need to bring any power from the Annex electrical panel)?

The contractor will need to provide a temporary generator to provide this power.

Is flooring protection required on each floor and if so, who is to provide it? Placing Masonite or similar for finish protection is part of the project. - Responsibility of Prime Contractor / GC

Is it safe to assume that all work (after COVID-19 subsides) can be completed during normal business hours barring noise producing work (hammer drilling/core drilling)? Previously answered. Yes.