



March 1, 2017

VA Medical Center Wade Park
10701 East Blvd, Eng 138(A)
Cleveland, Ohio 44106

Attn: Richard Clark

Re: VAMC Wade Park
Renovate Research North
Amendment #2
Project Number: 541-13-104

Mr. Clark,

Please include the following items in upcoming Addendum #2 for the above referenced project.

General Items

Refer to Specification 01 00 00 General Requirements, Paragraph 1.23A

1. Paragraph shall reference Specification 01 91 00 General Commissioning Requirements in lieu of Specification 23 05 93.

Mechanical Items

Refer to Specification 22 40 00 Plumbing Fixtures, Part 2.6 D (P-555)

1. Add the following accessory:
Provide dual purpose eyewash/drench hose for deck mounting adjacent to faucet. Unit shall meet the provisions of ANSI Z358.1-2014 as both an eyewash and a drench hose. Unit may be left in the deck flange for use as a fixed eyewash or may be removed for use as a drench hose to rinse any part of user's eye, face or body. Provide with side-by-side spray heads with dust cover, internal flow control and filter. Forged brass valve activated by stainless steel handle, locking clip, 8' PVC hose, deck flange for countertop mounting, backflow preventer, ANSI-compliant identification sign. Provide under-deck thermostatic mixing valve for tempered water. Pipe water from P-555 cold and hot water provisions.
2. Solid surface hole punching for faucets and accessories shall be coordinated between the contractor and the countertop fabricator.

Refer to Drawing 1-P1

1. Plumbing Fixture Connection Schedule:
 - a. Revise waste line size to 2" for Floor Drain, FD-C.

- b. Revise CW to 1" and HW to 1" for Emergency Eye Wash and Shower, P-707. Tempering valve shall have 1" CW and 1" HW entering and 1.5" tepid water leaving. 1.5" tepid water shall be piped to fixture P-707.
2. Add the following abbreviations to the Plumbing Symbols Legend:
 - a. A = Medical Air
 - b. IWRC = Ice water return circulation
 - c. VAC = Medical Vacuum
 - d. O = Oxygen

Refer to attached Drawing 1-P4:

1. Revise water piping sizes as indicated within clouded area.

Refer to Drawing 1-H4

1. Drawing scale is incorrect. Revise viewport 1 to 'Not to Scale'.

Refer to Drawing 1-H5

1. VAV-3 and VAV-4 are mislabeled. VAV box serving Lab 6 B-D356 shall be labeled VAV-3. VAV box serving Lab 7 B-D354 shall be labeled VAV-4. Note: Labeling is correct on Dwg. 1-H7.
2. Furnish and install volume dampers in exhaust branch ducts serving exhaust grilles labeled with coded note #10 (quantity = 3). Grilles are located between columns 7-8 and R-U.
3. Reference coded note #6. Transition each 9" diameter duct to exhaust inlet. Provide volume damper in each branch. Balance total airflow to FACS hood to 490 CFM.
4. Provide temperature sensor above cold rooms (area served by VAV-13). Locate sensor at or near one of the above ceiling return grilles. VAV-13 shall modulate air flow to maintain 78 deg F (adj.). VAV-13 shall be controlled to allow a maximum air flow of 700 CFM and a minimum air flow of 150 CFM.

Refer to Drawing 1-H6

1. Viewports 1, 3, and 4 are labeled incorrectly. Viewports 1, 3, and 4 shall be labeled Scale: 1/8" = 1'-0".

Electrical Items

Refer to attached Drawing 1-E2

1. Add undercabinet lighting fixtures types (U3, U4) to lighting fixture schedule.

Refer to attached Drawing 1-E5

1. Reference coded note #2. Revise switch control for cove lighting to be from the existing lighting control panel LCPA in room B-E361b. The low voltage control shall be the same relay as the lighting fixture type 'C' in the corridors.
2. Revise circuiting to corridor light fixtures to connect to existing corridor lighting.

Refer to attached Drawing 1-E6

1. In room B-D360 (Lab 5), relocate power for mass spectrometer from south wall to west wall.
2. In room B-D360 (Lab 5), relocate power for FACS hoods from west wall to east wall.

Refer to attached Drawing 1-E8C

1. In seventh floor penthouse, revise fan (FE-2) to be demolished.

Refer to attached Drawing 1-E9A

1. Revise circuit/feeder reconnection note number 2.

Refer to attached Drawing 1-E9C

1. Remove panel SBHEB1 from drawing and replace the panel with a continuation triangle 'D'.

Refer to attached Drawing 1-E11B

1. For detail #5, remove panic hardware from door.

Attached: Drawings 1-P4, 1-E2, 1-E5, 1-E6, 1-E8C, 1E9A, 1-E9C, 1-E11B

Please contact us with any questions.

Sincerely,
Fredrick, Fredrick & Heller Engineers, Inc.

Leonard Hendrix