



ADDENDUM 02 - Mechanical

DATE: February 26, 2024

PROJECT: Cooper Academy Elementary School Addition and Renovation
PDC Project No. 23015

This Addendum, applicable to the work designed below, shall be understood to be and is a change to the bid documents and shall be part of and included in the contract for the above referenced project. All General, Supplementary and Special Conditions, etc., as originally specified or as modified below shall apply to these items.

Changes to Mechanical Drawings:

1. Drawing M101
 - a. Relocated supply diffuser to ceiling in Stair S1-0.
 - b. Added sizes to duct risers in room 612.
2. Drawing M102
 - a. Modified airflows in rooms 502, 505, 506 and 508.
 - b. Modified airflows and duct sizes in rooms 513, 517, 519 and 521.
 - c. Room 521: Added supply duct to serve supply diffuser in 1st floor corridor ceiling.
 - d. Room 522; Deleted supply ductwork to supply diffuser in 1st floor corridor ceiling and revised return airflow CFM.
 - e. Units FC-2-513 and FC-2-519 – Provide Supply and return registers to serve the Equipment Platform space.
 - f. Stairs S1-1 and S2-1 – Deleted fire dampers in supply and return ductwork in wall.
 - g. Mechanical room M01 and Electrical Room E02: Changed the size of the outside air (OA) ductwork and OA intake louver. Shifted location of the OA louver and plenum. Changed the size of the Exhaust air ductwork.
3. Drawing M201.
 - a. Room M01: Revised Chilled water piping layout.
4. Drawing M202.
 - a. Revised sizes of the CHWS and CHWR mains.



5. Drawing M203.
 - a. Revised the Labels for PCHWP-1 and PCWP-2 to be coordinated with their associated Chiller.
 - b. Clarified chiller services clearance.

6. Drawing M301.
 - a. Mechanical room M01 and Electrical Room E02: Revised the size of the outside air (OA) ductwork and OA intake louver. Shifted location of the OA louver and plenum. Revised size of the Exhaust air ductwork.
 - b. Revised Chilled water piping layout.

7. Drawing M302.
 - a. Modified airflows in rooms 506 and 522.

8. Drawing M401.
 - a. Section 1 – Revised size of outside air intake ductwork.
 - b. Section 2 – Modified chilled water pipe layout.
 - c. Section 3 – Added fire dampers.

9. Drawing M402.
 - a. Section 1 - Changed outside air and exhaust air duct sizes.
 - b. Section 2 – Added fire dampers.

10. Drawing M501.
 - a. Detail 13 – Base Mounted End Suction Pump - Deleted “ALT1” in detail title.

11. Drawing M702.
 - a. Added condensate piping for FC-1-ALT-2 and FC-2-ALT-2.

12. Drawing M801.
 - a. Boiler schedule Air Control - Changed model number of Air Separator
 - b. Chiller Schedule Air Control - Changed model number of Air Sparator

13. Drawing M802.
 - a. Unit Heater Schedule – Modified General Note B.
 - b. Air Distribution Schedule:
 1. Marks “8 and F” - Added Note 6 to Remarks.
 2. Mark “C” – Added the following: Min and Max CFM, Face Size, and Inlet Size.
 3. Mark “E” - Revised model number
 - c. Louver Schedule: Changed Size of the Outside air intake louver LV-01.
 - d. Pump Schedule: Changed SHWP-1 and 2 GPM.

END OF ADDENDUM 02 – MECHANICAL

Attachments: As listed above