

NOTE: Sections that are bolded have been updated and posted to FPD website.

078400 Firestopping Added a firestopping section to include:

1. Requires listed firestopping detail(s) to be included in the project drawings for fire resistant penetrations, joint systems, and curtain wall to floor intersections where the Work may encounter these conditions.
2. For renovation, remodel, and addition projects: requires the consultant to survey existing building conditions and identify compromised fire walls, barriers, or partitions, and include corrective measures for these conditions into the project's scope of work.
3. Requires the specifications to include installer qualifications, pre-installation meeting and mock up requirements.
4. Inspection requirements for firestopping systems.

210100 Fire Protection System Design

Added a paragraph addressing firestopping (consultant can add a 21XXXX firestop spec or refer back to 0784XX as necessary).

220100 Plumbing System Design

Added a paragraph addressing firestopping (consultant can add a 22XXXX firestop spec or refer back to 0784XX as necessary).

224000 Plumbing Fixtures

Modified acceptable manufacturer's for sensor operated flush valves for water closets and urinals by each of the 4 campuses.

230000 Heating Ventilating and Air-Conditioning (HVAC)

Added a paragraph addressing firestopping (consultant can add a 23XXXX firestop spec or refer back to 0784XX as necessary).

Added a section 6.7 in the Design Guidelines for building heating systems at Missouri S&T to include the design criteria, specifications, piping flow diagram, and sequence of operations for the low temperature heating coils served by the geothermal campus system. This will ensure consistency across the buildings as well as appropriate flow capacity from the plants.

AHU Preheat Coil Circulating Pump Detail & Control Valve Sequence of Operation (MS&T) - New

232100 – Building Hydronic Piping and Pump Systems

Updated Design Guidelines, Piping Layouts, paragraph 3, to match the specific requirements for Missouri S&T's low temperature heating coils served by the geothermal campus system.

260500 Common Work Results for Electrical

Added a paragraph addressing firestopping (consultant can add a 26XXXX firestop spec or refer back to 0784XX as necessary).

265100 Interior Lighting

Modified Paragraph 8.6 and added 8.7 to address an unsafe condition for automatic control of lighting in mechanical rooms.

270000 Telephone and Data Rooms

Added a paragraph addressing firestopping (consultant can add a 27XXXX firestop spec or refer back to 0784XX as necessary).

283100 Fire Alarm Systems

Added a paragraph addressing firestopping (consultant can add a 28XXXX firestop spec or refer back to 0784XX as necessary).

263000 Facility Electrical Power Generating and Storing Equipment – *New*

263200 Packaged Generator Assemblies - *New*

263623 Automatic Transfer Switches – *New*

331113 Water Distribution Piping

Two minor updates in Section 1.2.1 and 1.5.3.

331233 Water Utilities Metering

Updated 1.4.1.2

331219 Water Utilities Distribution Fire Hydrants

See markers on left margin.

331233 Water Meter Detail.dwg *Revised*

337119.13 Electrical Manholes and Handholes

See markers on left margin.

337119.13 Electric Manhole Detail.dwg *Revised*

(end)