

PLANNING, DESIGN AND CONSTRUCTION

INFRASTRUCTURE PLANNING AND FACILITIES

CONSTRUCTION STANDARDS UPDATES

September 2026

Greetings,

This is the latest issue from IPF's Construction Standards Committee detailing recent changes to MSU's Construction Standards.

We hope that you will find these updates useful when planning and performing work at MSU. A comprehensive list of design and construction standards is available on the [IPF website](#).

The MSU Planning, Design and Construction Team

DESIGN GUIDELINES

No updates

TECHNICAL STANDARDS

Updates

[089100 Louvers](#)

- Removed insect screens on outdoor air intake louvers as these clog up too fast on campus.

- Added Greenheck to manufacturer list – Greenheck provides many other manufacturing equipment so they can bundle the louver with other products to decrease cost to MSU.

104400 Fire Protection Specialties

- Clarified capacities of portable, hand-carried fire extinguishers

232213 Steam and Condensate Heating Piping

- 3.2 HP Steam Piping Applications – Added “Class 150 companion flanges” to items A, C and E.

233113 Metal Ducts

- Removed adjustable elbows from spec and added more specifics on the required duct leakage tests.

321313 Concrete Pavement

- Correction of ASTM designations for cement types (Part 2.1)
- Removal of lin-seal emulsion and addition of ASTM C309, type 2 products (Part 2.11.A)
- Added evaporation retardant information (Part 2.11.B)
- Added colloidal silica finishing aids information (Part 2.11.C)
- Removal of waterproofing compound we specified for within 50’ of building entrances (Part 2.11.B)
- Updating of ADA plate product # to be coated instead of the natural finish.



STANDARD DETAILS

New

- **224500 Deck Mount Drench Hose with Tempering Valve**

Updates

- **232113 Hydronic Piping Branch Connection**
- **232123 Base Mounted End Suction Pump**
- **232123 Horizontal Split Case Pump**
- **232123 In-Line Circulating Pump**
- **232213 Steam Drip Leg**
- **232223 Duplex Condensate Receiver**
- **233600 Hot Water Reheat Coil with Pressure Independent Control Valve**
- **235700 Heat Exchange Piping Detail**
- **237313 Semi-Custom Air Handling Unit Component Schedule**
- **237323 Custom Air Handling Unit Component Schedule**
- **238216 Chilled Water Cooling Coil with Two-Way Control Valve**
- **238216 Chilled Water Cooling Coil with Three-Way Control Valve**

- [238216 Hot Water Heating Coil with Two-Way Control Valve & Circulating Pumps](#)
- [238216 Steam Heating Coil](#)
- [238239 Hot Water Unit Heater with Two-Way Control Valve](#)

