

PLANNING, DESIGN AND CONSTRUCTION

INFRASTRUCTURE PLANNING AND FACILITIES

CONSTRUCTION STANDARDS UPDATES

June 2025

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

[Furniture](#)

- New guideline

[Laboratory](#)

- Extensive changes throughout, please review entire document

[Mechanical](#)

- Extensive changes throughout, please review entire document

TECHNICAL STANDARDS

[224500 Emergency Plumbing Fixtures](#)

- 2.5 - Added "Water tempering equipment is preferred to be installed in a tempered water loop in new building installs with an RO/DI system. Discuss with your PDC Mechanical Representative."
- 2.5.2.A. - Changed to "in the range of 60-100 degrees F following ANSI Z358.1 standard requirements"

233300 Air Duct Accessories

- 3.1.I. - Added "whether or not they are shown on the sheet metal drawings"

262726 Wiring Devices

- 1.2.A.3. - Added "Wiring device catalog numbers correspond to "Brown" colored wiring devices, however design teams can select other colors through the project deviation log process."
- 2.2.C.2. - Added "Duplex Device: Hubbell GFSG5362"
- 2.2.R. - Added "20 ampere, 125 volt, 2 pole, 3 wire weather resistant, tamper resistant, grounding duplex outlet with (1) Type USB-'A' and (1) Type USB-'C' high power 5 amp, 5 volt USB charger port rated for 10,000 cycles – Hubbell USB20AC5WR or approved equal by Leviton or P.&S."
- 2.2.S. - Added "20 ampere, 125 volt, 2 pole, 3 wire, grounding, tamper resistant 'Arc Fault' Interrupting type duplex receptacle shall be Hubbell catalog no. AFR20TR or equal by Leviton or P.&S."
- 2.2.T. - Added "20 ampere, 125 volt, 2 pole, 3 wire, grounding, tamper resistant dual purpose 'Arc Fault' and 'Ground Fault' Interrupting type duplex receptacle shall be Hubbell catalog no. AFGF20TR or equal by Leviton or P.&S."
- 3.2.B. - Added "Unless otherwise permitted or noted on contract drawings, receptacle outlets shall not be wired in a "feed thru" configuration."

321416 Brick Pavers

- 2.1.A.1. - Updated to "English Edge Rose supplied by Pine Hall Brick."



STANDARD DETAILS

238413 Ultrasorb XV Humidifier Detail

- New detail

238413 Steam Humidifier Duct Install Detail

- New detail

[331000 Water Main Offset](#)

- The minimum length of pipe has been changed to be "full length of pipe" in place of the previous "4ft minimum".



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