

**MU CAMPUS ONLY****GENERAL:**

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The scope of this document is to provide instruction for the installation and testing of a fire hydrant installed at the University of Missouri - Columbia.

**DESIGN GUIDELINES:**

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**1. Materials**

- 1.1. University fire hydrants shall be Super Centurion Fire Hydrants, Model 250, Number A-423, as manufactured by Mueller Water Products, Decatur IL. No substitutions will be allowed.
- 1.2. Fire hydrants shall be painted in the following manner using Sign Painters' 1 Shot Lettering Enamel or approved equal:
- 1.3. University water: Barrel - Metallic Gold, Caps - Black, Bonnet - Red.
- 1.4. City water, University maintained fire system: Barrel - Metallic Gold, Caps - Red, Bonnet - Red.

**2. Installation**

- 2.1. The location of new fire hydrants shall be determined by a collaboration of system owner, City of Columbia Fire Department and the design engineers.
- 2.2. Installation of fire hydrants maintained by the University shall be installed per "Fire Hydrant Detail" and in strict accordance with manufacturer's written instructions.
- 2.3. Installation of fire hydrants maintained by the City of Columbia shall be in strict accordance with Columbia Water and Light Specifications as last revised.
- 2.4. The pumper nozzle shall be installed pointing to the street and/or away from the building.

**3. Testing**

- 3.1. Newly installed fire hydrants shall be cleaned and pressure tested in accordance with standards set forth in section 331300 - Disinfecting of Water Utility Distribution, and will be flow tested by system owner.

**4. COMMISSIONING**

- 4.1. Water will be turned on to the hydrant by Campus Facilities - Energy Management Utility Distribution personnel.

**REFERENCES**

Section 331300 - Disinfecting of Water Utility Distribution.