

**Project: Project Name (eB #)**

**General**

- Cornell University Standards
- Submittals

**Plumbing Specialties**

- Plumbing Fixtures
- WC's, Lav's, sinks, FD's, CO's, etc....

**Plumbing Piping and Distribution**

- Domestic Water
- Pipe, tubing, valves and trim
- Hangers and attachments
- Insulation
- Cornell standards and material specifications per application.
- Dielectric unions, automatic flow control valves, combination balancing and shutoff valves and triple duty valves are not acceptable for use at Cornell.
- Waste and Vent

**Process Piping**

- Compressed Air
- Generation and distribution piping systems
- Compressor types, storage tanks and associated requirements
- Filtration devices and driers
- Process and High-Purity Gas

- Natural Gas
- Pipe, tubing, valves and trim
- Meters, regulators and operating pressures
- Backflow Prevention
- Domestic water systems
- Fire Protection systems
- DCDAs and RPDAs (Double-Check Detector Assemblies and Reduced Pressure Detector Assemblies) are not acceptable for use
- Water Purification Systems
- Softener systems standards and requirements
- RO/DI systems standards and requirements
- Domestic Hot Water Generation
- Mixing valves and ASSE 1070, 1071 compliance
- Fuel fired equipment requirements and standards
- Steam generated equipment and standards
- Plate heat exchangers, design conditions and specifications
- Storage tanks
- Recirculation systems including pumps and associated controls
- Kitchen Plumbing Systems
- Booster heaters
- Grease traps
- High temp trough drains
- Safety Fixtures
- Safety shower and eye wash ANSI Z358.1 standards compliance