- **Floors:**
  - Specified material for watertight seal.
- **Laboratories, Chemical and Biological:**
  - Updates to fume hood sensors to increase air change rates.

Civil

- **Sidewalks and Rigid Pavement:**
  - Added stainless steel handrail requirement.

Closed Circuit Television

- **Closed Circuit Television ï UNL:**
  - Created Narrative.

Electrical

- **Building Electrical Systems - UNL:**
  - Removed preference of integral SPDS to standalone units.

Energy Conservation

- **Energy Conservation:**
  - Updates to modeling, life cycle, BTUs and chilled beams.

Fire and Life Safety

- **Fire Alarm Systems ï UNL:**
  - Made more specified for UNL with updated information and technology.

Landscape

- **Landscape Design Planting and Irrigation:**
  - Gave preferences on seeding vs sodding for different campuses.
- **Rigid Paving:**
  - Removed requirement for fiber reinforcement.

Mechanical

- **Airside Components and Systems:**
  - Set to most Current ASHRAE standards and allows for custodial and restroom exhaust to be combined for certain reasons.
- **Building Steam Systems:**
  - Added Buildings Without PRVîs section.
- **Cooling Systems:**
  - Re-wrote exceptions for Plate and Frame exchangers and Buna-N sections.
  - Updated Chilled Water End Use
- **Heating Systems:**
  - Specified waterside temperature differential.
  - Introduced exception for automatic balancing valves.
- **HVAC Control and Building Automation Systems:**
  - Added exception for internal air handler and fire damper.
  - Specified Delta P valve.
- **HVAC Systems:**
  - Specified water source for chilled beams.
  - Gave requirements for DOAS systems
- **Mechanical Design Deliverables and Process:**
  - Updated estimated peak estimations.
- **Plumbing Systems:**
  - Designated the correct temperatures for Thermostatic mixing valves.

Utilities

- **Chilled Water Distribution System:**
  - Introduced consideration of building side booster pumps.
- **General Utilities Guidelines:**
  - Added requirements for major building renovations.
  - Included medium voltage instructions.
  - Added scheduling of shutdowns.
  - Gave vault dimensions.

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