4.01.03 – CAMPUS CONDITIONS
DESIGN AND CONSTRUCTION STANDARDS

CAMPUS CONDITIONS
beginning of each project including potential utility tie-in locations and requirements.

Energy Monitoring System:	**Structureware**
Hot Water Supply Temperature:	**140 -180 degrees F**
Hot Water Supply Pressure:	**Varies based on project location; building pump shall be sized to handle full pressure requirement of the building assuming 1 atm supply pressure.**
Chilled Water Supply Temperature:	**42 degrees F**
Chilled Water Return Temperature:	**minimum 16 degrees F delta T**
Chilled Water Supply Pressure:	**Varies based on project location; building pump shall be sized to handle full pressure requirement of the building assuming 1 atm supply pressure.**
Recovered Water Pressure:	**Not used at this time**
Domestic Water Pressure:	**Varies based on project location**
Purified Water Pressure:	**Varies based on project location**
Fire Protection Water Pressure:	**Varies based on project location; zone dependant**
Compressed Air:	**100 psi, -70 degrees F**
Electric Service:	**13,200 volts, 3 phase;** **contact Facilities Management Electrical Department for Information**
Outdoor design conditions	**Winter = 20°F (ASHRAE Extreme Min. Mean)** **Summer = 98°F** DB / 90°F WB Dehumidification = 89°F DB / 78°F WB (ASHRAE 0.4%) Note: Applications with 50% outside air or greater shall verify system performance at dehumidification condition.

Indoor design conditions:	Winter = 68°F +/- 2°F Summer = 74°F +/- 2°F Relative Humidity = 50% +10% / -20% Note: Specialized spaces, such as IT rooms, may be subject to different design conditions. Coordinate with project requirements.