

Commissioning - Systems Basis of Design Workbook

019113-7.1

Building/Site Criteria

Project ID: _____

Project Name: _____

Location: _____

File No: _____

Building/Site Criteria	Value			
Latitude/Longitude				
Elevation				
Clearness Number				
Summer Outside Air Design DB/WB				
Winter Outside Air Design DB				
Ground Reflective				
Cooling Load Methodology				
Typical Cooling Setpoint				
Typical Cooling Setback Temperature				
Typical Heating Setpoint				
Typical Heating Setback Temperature				

System Criteria

Project ID: _____
 Project Name: _____
 Location: _____
 File No: _____

System Criteria	Value			
CHW Loop S/R Temperature				
CTW Loop S/R Temperature				
HW Loop S/R Temperature				
DHW Heating Temperature				
CHW Loop Volume				
CTW Makeup Rate				
Building System Peak Load Cooling				
Building System Peak Load Heating				
Load Calculation Program				
Peak DW Flow				
Peak DHW Flow				
Peak Sanitary Flow				
Peak FP Flow				

Room Criteria

Project ID: _____
 Project Name: _____
 Location: _____
 File No: _____

Room Criteria	Value				
	Default	Room #	Room #	Room #	Room #
Mechanical					
Roof U Value					
Roof Construction Type					
Wall U Value					
Wall Construction Type					
Ceiling U Value					
Glass U Value					
Glass Shading Coefficient					
Occupancy Level					
People Sensible					
People Latent					
Lighting Energy Usage					
Misc. Energy Usage					
Cooling Setpoint					
Cooling Setback Temperature					
Heating Setpoint					
Heating Setback Temperature					
OA Ventilation Rate					
Cooling Air Change Rate					
Retreat Minimum Rate					
Process Ventilation Rate					
Process Exhaustion Rate					
Duct Noise Level/Ceiling Effect					
Electrical					
Normal Power					
110v/1 ϕ					
208v/1 ϕ					
277v/1 ϕ					
208v/3 ϕ					
460v/3 ϕ					

Room Criteria	Value				
	Default	Room #	Room #	Room #	Room #
Emergency Power					
110v/1 ϕ					
208v/1 ϕ					
277v/1 ϕ					
208v/3 ϕ					
460v/3 ϕ					
Lighting Level					
Switching					
Special Lighting					
Egress Lighting					
Communication Outlets					
Data Outlets					
Life Safety Detection					
Life Safety Annunciation					

