

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. The requirements of the General Conditions, Supplementary Conditions and the following Specification sections apply to all Work herein:
 - 1. Division 23 Specifications - All Sections

1.2 DESIGN CONDITIONS

- A. Outside design conditions for this Project located in San Francisco are as follows:

	Dry Bulb °F	Wet Bulb °F
Summer Outside Air Temperature	83	63
Winter Outside Air Temperature	38.8	-
Summer Outside Air Temperature*	-	66

* To be used for cooling tower calculations and selections.

- B. Cooling inside design conditions are as follows:

	Dry Bulb °F	Wet Bulb °F
Offices and Public Spaces (Summer)	75	62.5 (or less)
Equipment Rooms and Elevator Machine Rooms	85	-

- C. Heating inside design conditions are as follows:

	Dry Bulb °F	Wet Bulb °F
Offices and Public Spaces	72	
Equipment Rooms and Elevator Machine Rooms	65	-

- D. Ventilation Air - Compliance with ASHRAE 62-2001.

- E. Schedule of working pressures and normal operating temperature ranges:

	<u>Working Pressure</u>	<u>Normal Operating Temperature Range</u>
Chilled Water System**:		
Low Level P3 through 18	300	40 to 56
High Level 19 through 36	150	40 to 56
Level 37 through 47	300	43 to 59
High Level 48 through 63	150	43 to 59
Heating Hot Water System**:		
Low Level P3 through 16	300	145 to 115
High Level 17 through 33	150	145 to 115
Low Level 34 through 47	300	140 to 110
High Level 48 through 63	150	140 to 110

	<u>Working Pressure</u>	<u>Normal Operating Temperature Range</u>
Condenser Water System (Summer): Building **	450	80 to 95
Condenser Water System (Winter & Free Cooling): Building **	450	65 to 50

** See Drawings for extent of low and high level requirements on each system.

F. Approximate Ground Floor elevation above sea level: 15 Ft.

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION (Not Used)

END OF SECTION