

Worksheet A: Indoor and Outdoor Design Conditions

Project:			City, State: Fairfax, Virginia 22030				Table 1A Latitude →	38°N
Indoor Design Conditions	Heating Drybulb →	70°F	Winter Humidification		Cooling drybulb →	75°F	Cooling RH% →	50%
Outdoor Design Conditions	99% Drybulb →	18°F	1% Drybulb →	93°F	Grains Difference →	46	Daily Range →	M
Heating temperature difference (HTD) = Indoor heating drybulb - Outdoor 99% drybulb →				52 F°	Table 1A Elevation →	69	Refer to Table 1A and see Sections 3-6 and 3-7	
Cooling temperature difference (CTD) = Outdoor 1% drybulb - Indoor cooling drybulb →				18 F°	Table 10A ACF →	1.00		