

- 46 4. Use of air conditioning during summer months should be reduced to conserve energy but
47 maintain indoor air quality.
- 48 5. Dry food and vaccine storage areas will be maintained within code requirements.
49 (Temperature range between 55°F - 75°F and relative humidity range between 35% - 60%).
50

51 **Heating Equipment:**

- 52
- 53 1. Occupied temperature settings for heating is not above 72°F.
- 54 2. The unoccupied temperature setting is 55°F - 60°F (i.e., setback), unless adjusted for indoor
55 air quality.
- 56 3. During the spring and fall when there is no threat of freezing, all forced air heating systems
57 should default to their respective unoccupied set-points during unoccupied times. Hot
58 water heating systems should default to their respective unoccupied set-points using the
59 appropriate loop pumps.
- 60 4. All domestic hot water systems will be set no higher than 120°F or 140°F for cafeteria and
61 kitchen service.
62

63 Cooling Season Occupied Set Points: 74°F - 78°F
64 Unoccupied Set Point: 80°F
65 Heating Season Occupied Set Points: 68°F - 72°F
66 Unoccupied Set Point: 55°F
67

68 Cooling Season Occupied Set Points: 74°F - 78°F
69 Unoccupied Set Point: 85°F
70 Heating Season Occupied Set Points: 68°F - 72°F
71 Unoccupied Set Point: 55°F
72

73 In accordance with ASHRAE 55 “Thermal Conditions for Human Occupancy”
74

75 **Lighting:**

- 76
- 77 1. All unnecessary lighting in unoccupied areas will be turned off. All staff should make
78 certain that lights are turned off when leaving the classroom or office when empty. Utilize
79 natural lighting and motion detector light switches where appropriate.
- 80 2. All outside lighting is off during daylight hours utilizing both time-clock and photo-sensor
81 technologies.
- 82 3. Gym lights should not be left on unless the gym is being utilized.
- 83 4. All lights, with the exception of emergency lighting, will be turned off when the space is
84 done being used for the day. Custodians will turn on lights only in the areas in which they
85 are working.
86

87 **Water:**

- 88
- 89 1. All plumbing, building envelope leaks and moisture infiltration must be reported through
90 work orders or emergency notification, if appropriate, and repaired immediately.

- 91 2. Grounds watering should only be done between 4am-10am. Ensure that the water service
- 92 authority rate schedule accommodates the distinction between potable/domestic use and
- 93 ancillary uses which do not discharge into sanitary sewer systems.
- 94 3. Sub-meters will be installed on irrigation and cooling tower supply lines to eliminate sewer
- 95 charges.

96
97 Revised: April 21, 2016
98 Amended: March 30, 2023

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100

101	Cross Refs.:	FA	Facilities Development
102		FEA	Educational Facilities Specifications
103		FECBA	Energy Efficient Construction