

2014

57.7% impervious



2019

59.3% impervious





Polar

biomes

4



lithospheres from 66°-33' to 90°



Temperate

biomes

3



lithospheres from 23°-26 to 66°-33'



Tropical

biomes

2



lithospheres from 0° to 23° -26'



Marine

biomes

1



hydrosphere

Educational Specification Overview

Program	Sqft	Capacity	Generating Classrooms
Pre K & Kindergarten (Early Childhood) :	8,793 nsf	8	8 classrooms = 156.6
First & Second Grades:	9,978 nsf	10	10 classrooms = 233.3
Third, Fourth & Fifth Grades:	13,893 nsf	15	15 classrooms = 349.9
Special Education + Specialty Programs:	8,789 nsf	2	2 classrooms = 12
Guidance + Administration + Teacher Support:	5,522 nsf		
Art + Music:	6,152 nsf		
Library:	4,376 nsf		
Food Services (+ Extended Day):	5,731 nsf		
Physical Education:	9,044 nsf		
Net Square Footage:	72,278 nsf		
Support, Structure & Circulation:	39,305 sf		

Gross Square Footage:	111,583 gsf	Total Capacity = 752
Gross SF per student:	148 gsf	



Building Data

Site area: 4.84 acres
 Gross conditioned floor area: 111,634 gsf
 Gross unconditioned floor area: 100,611 gsf
 Total built area: 212,245 gsf
 GMP: \$46,750,000
 Cost per SF: \$220/sf (approx. \$338/sf conditioned)
 Site area: 4.84 acres
 Parking in underground garage: 216 spots
 Date of occupancy: September 2019

Energy code: 90.1 (2010)
 Predicted EUI: 18-21
 Capacity of PV system: 582.2 kW
 Number of PV panels: 1,532
 Predicted annual PV production: 728,900 kWh
 Geothermal: 72 wells, 560' deep
 Water-to-Air Heat Pumps: 68 zones
 CO2 setpoint that triggers extra ventilation: 800ppm
 Light Power Density: 0.36 W/sf
 Effective R-value of typical wall assembly: 33
 U-value of glazing: 0.23
 Solar Heat Gain Coefficient: 0.26