

Westwood Public Schools

Pine Hill Elementary School

Building Project

School Committee
September 14, 2023

Project Schedule Overview

Sept 2019: Feasibility Study Begins

Feb 2021: Schematic Design Submitted to MSBA

May 2021: Town Vote - Design Development Phase

Oct-Nov 2021: Town Vote – Construction Phase

May 2022-June 2022: Contractor Bidding Process

July 2022: Contractor Awarded Bid; Construction Starts

September 2023: Project is at 75% completion of construction

January 2024: Estimated Substantial Completion of Building

February 2024: Hanlon and Deerfield Schools Move-In to Pine Hill School

March-August 2024: Demolition of existing Hanlon School; completion of parking lots, athletic fields + remaining site work

August 2024: Estimated Substantial Completion for remaining site

- 113,141 sq ft.
- 18.5 +/- acres
- 560 Students
Maximum Capacity

Site Plan

113,141 sf building, 18.5 acres +/-





Exterior – Main Entrance

Pine Hill Elementary School Westwood, MA



Exterior – Main Entrance

Pine Hill Elementary School Westwood, MA



Entry Walkway Canopy

Pine Hill Elementary School, Westwood, MA

Entry Lobby – View through Cafeteria

Pine Hill Elementary School Westwood, MA



GYM



Gym

Pine Hill Elementary School Westwood, MA



Southern Classroom wing- Outdoor Classroom



Southern Classroom wing- Outdoor Classroom



Southern Classroom wing- Outdoor Classroom

Pine Hill Elementary School Westwood, MA



Southern Classroom wing- Outdoor Classroom- and Integrated Shading

Pine Hill Elementary School, Weswood, MA



CAFETERIA



Cafeteria

Pine Hill Elementary School Westwood, MA



Platform view into Cafeteria

Pine Hill Elementary School Westwood, MA



CLASSROOM



Classroom

Pine Hill Elementary School Westwood, MA



Classroom
Pine Hill Elementary Westwood



Library- Media Center
Pine Hill Elementary School Westwood, MA

Daylighting and Views



2nd Floor Corridor view through Library-Media –to Outdoors

Pine Hill Elementary School Westwood, MA

Summary of Sustainable Features

1. LEED v.4 Gold

2. Net Zero Energy School

- **Super insulated thermal envelope:** Passive House standards for air infiltration
- **Geothermal wells** for heating and cooling
- **Fossil fuel free** (all electric)
- **Tracking predicted Energy Use Intensity of 22.6**
- **Roof containing Photovoltaic Panels:** Solar Panels on roof expected to provide 60-70% of the power; remaining expected through Renewable Energy Certificates
- **Mass Save/Eversource Path 1 NZE schools**
- **Solar shading integrated design**

3. Highly efficient Electrical, HVAC, and Building Management System

4. Thoughtful management of water, sustainable materials and native landscaping

Pine Hill Elementary School, Westwood MA

“A School in the Woods”

