

Design and Construction Team	
Owner	Anne Arundel County Public Schools
Tenant	Pasadena Elementary School
Construction Manager	Jacobs Facilities
Architect	Rubeling & Associates
Size	68,000 square feet



Architectural & Site Features

- Phase I includes construction of the new elementary school
- In Phase II the existing elementary school will be demolished completely and new sports field will take its place
- Two shades of brick masonry on building's exterior
- Courtyard separates the two wings of the north side of the building
- The courtyard is lined with windows along classroom exteriors
- Public centers of the building include gymnasium and cafeteria spaces

MEP Systems

- Variable Volume and Variable Temperature settings throughout the building
- 3 Rooftop units with Energy Recovery
- 6 Rooftop Air Handling Units
- 6 Ductless Split System Units
- Supply Air spread throughout the building from 1530-7500 cubic feet per minute
- Outdoor Air spread throughout from 375-2500 cubic feet per minute
- There is only 1 return fan in the units

Structural

- The foundation of the building has concrete footings below the exterior walls and columns throughout the building
- Flooring of the building consists of concrete slabs with Welded Wire Fabric reinforcement
- HSS shaped columns are different sizes throughout
- The second floor framing is made of W-shaped steel members below a concrete slab
- Below the roof, beams support joists and galvanized metal decking below the roof membrane

Construction

- There is no general contractor instead 14 prime contractors for each trade
- A Construction Management Agent handles the contracts for the owner

