



## • Project Team

- o Owner: Board of Education - Anne Arundel County Public Schools
- o CM: Jacobs
- o Architects: Grimm+Parker Architects
- o **Civil Engineers:** KCI Tech, Inc.
- o Structural Engineers: Columbia Engineering, Inc.
- o MEP Engineers: James Posey Associates, Inc.

## • Project Overview

- o Date of Construction: Aug 05- Jan 07
- o Overall Project Cost: \$14 Million
- o Project Delivery Method: CM agency with multiple prime contractors
  - o Size: 79,875 sf
  - o Number of Stories : 2  
(Two-story classroom wing, Single story kindergarten & pre-kindergarten wing)

## • Mechanical

- o (7) Roof top AHU ranging 1350 - 7500 cfm
- o (3) Roof top Unit with Energy recovery ranging 5050 - 6050 cfm
- o (6) Ductless split system AC unit (310 cfm) **with 1 AC unit outside of building**
- o (2) 478/278 gpm Chilled/Heating water pump
- o (1) 10 gpm hot water recirculation pump

## • Electrical

- o Power distributed at 208/120V and 480/277V and 240 V min. Emergency Power
- o Maximum single impulse : 160 KA
- o Low Voltage Conductors (600 V max)
- o Emergency Intercom Available in Each Classroom
- o Emergency Power Intercom Available **in Each Class room**
- o 120V and 277V surface mounted T-8 Fluorescent lamp



## • Construction

- o Completed Demolition of Original Building
- o Proposed Type of Construction : IBC Type IIB
- o **3 Criteria Construction Phase**  
(A - C Level 1 - B - C Level 2)

## • Structure

- o Foundation : Footing with 2.5 ksf capacity, 2'-6" exterior footing below finish grade
- o **Ordinally steel frame, masonry bearing** wall with brick exterior envelope
- o 4-ply built-up asphalt with aggregate surfacing roof

