



carderock springs elementary school

Bethesda, MD

Building Statistics

- Size: 80,121 sq. ft.
- CM: Hess Construction + Engineering
- Architect: BeeryRio Architect + Interiors
- Cost: \$21,294,787
- Sustainability: LEED Silver
- MEP Engineer: Strickler Associates
- Civil/Structural: ADTEK Engineers
- Building Height: 3 Stories, 42 feet



Architecture

- Classroom Wing Located top left in above photo
- Gymnasium, Multipurpose Room, and Misc Space to bottom right
- Sloping grades along exterior for dynamic views of building elevations
- Brick veneer with CMU backup
- Curtainwall located at rear elbow of building to add great views from the media center

MEP Systems

- Geothermal heating & cooling
- 6 Rooftop ERU's to assist in heating & cooling and add outside air for ventilation
- Total electrical service is 1600A
- Energy Management system to monitor electrical usage for potential savings

Structural

- Steel superstructure
- Shallow foundations
- 5 ½" thick slabs on deck
- Long span joists in gymnasium and multipurpose room



JOSEPH HIRSCH / CM