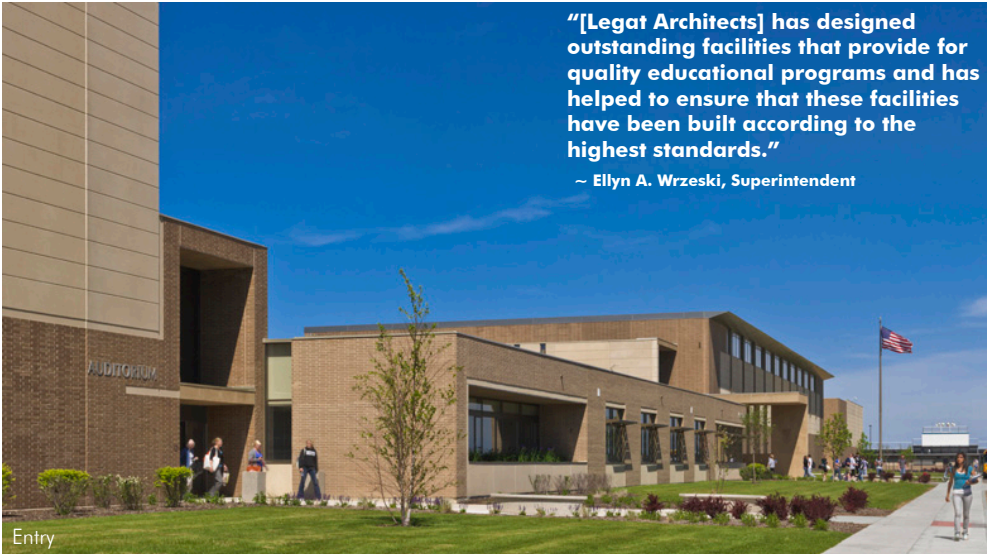


Woodstock North High School



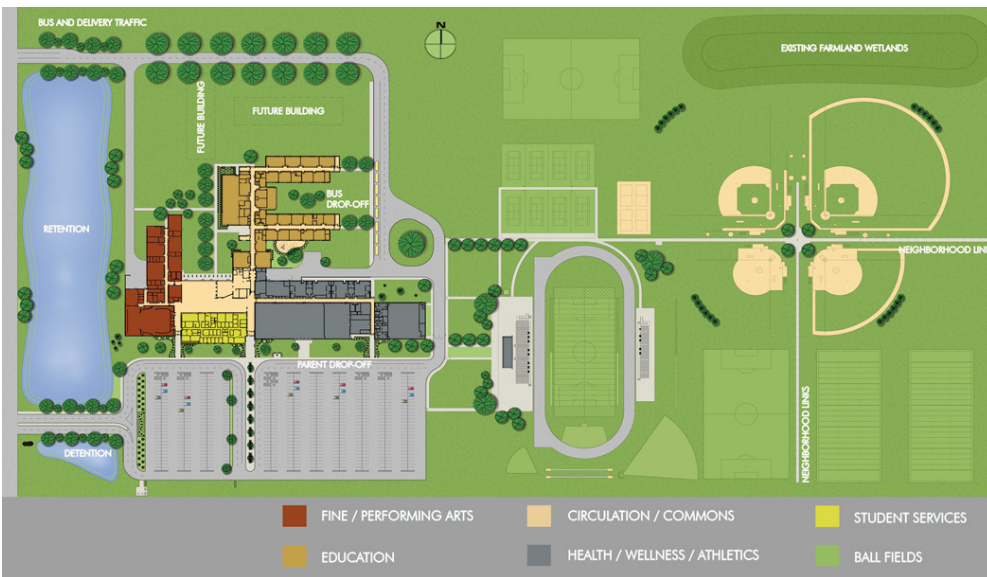
Entry



Courtyard



Library green roof



High School

Designed using sustainable strategies

Woodstock North High School balances its community’s values of quality education, practicality, and financial prudence. It has the content of a comprehensive high school, and the solidity to last a century. It is impressive, but not a “Taj Mahal.”

The 305,000 SF facility is organized around open courtyards and a student services mall that brings healthcare, counseling, and career planning directly to its 1,600 students, rather than making them seek out those services.

Three wings (education, health/wellness/athletics, and fine/performing arts) flow to and from the student & community service core. The facility features an 8-lane swimming pool, a 586-seat auditorium, a 2,000-seat competition gymnasium, and an outdoor athletic complex (accommodates football, tennis, soccer, softball, baseball, and track).

A rectangular geometry and materials like brick and precast concrete respect the community’s values of practicality and quality, promote wayfinding, and minimize maintenance.

Curriculum Responsiveness

- Commons, landscaped courtyards, and pond create a collegiate feel
- Commons/student services mall brings a variety of services to students, like a shopping center
- Career/technical education area supports “Project Lead the Way,” a pre-engineering program that allows students to earn college credit
- Foods lab offers residential kitchen and full commercial cooking line for the culinary arts curriculum

Awards/Recognition

Honorable Mention, 2009 Educational Environments Exhibition, Illinois Association of School Boards

Woodstock North High School



Library



Commons/Student Services Mall



Project Lead the Way®
Engineering/technology spaces



Foods lab

Sustainable/Green Features

- Green roof creates an outdoor learning environment accessible to the science department
- Expansive plan brings natural light and air to all classrooms
- North/south orientation, light sensors, and sunshades maximize controllable daylight in classrooms
- Daylighting system balances indoor and outdoor lighting to reduce power use
- Demand-controlled ventilation for large spaces with significant occupancy swings reduces energy costs

Community Connection

- 8-lane swimming pool opens to the community swim club
- 586-seat auditorium/theater has separate entrance and is available for community organizations
- Two-story library serves as a remote location for community library
- Multi-purpose cafeteria with full-service kitchen and servery available to community groups for meetings and meals
- Foods education area opens to local community college's culinary arts program

Keeping the Budget

Construction costs inflated significantly during design and bidding. The project team reduced square footage, and did intense value engineering. The project finished on budget without losing any programmatic element, and without giving the building a compressed feel.