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ONEIDA CITY SCHOOL DISTRICT

ONEIDA HIGH SCHOOL

Gymnasium Addition



Exterior view of gymnasium and upsweeping truss system



Steel truss erection



Interior view and flexible bleacher system

Owner:
Oneida City School
District, NY

Size:
21,300 sf

Cost:
Part of a \$5,500,000
Project

The concept of using a double bowed truss as the structure for the Gymnasium roof allowed a high strength-to-weight-ratio, accomplishing the lightness of appearance that is usually not possible with conventional long span joists that can appear heavy and overpowering.

The truss expresses its double bowed shape on the exterior of the building thereby giving the appearance of a wing suspended between the two short end walls of the gym.

Bell & Spina achieved the intent of the roof structure as the dominant design element, which visually makes the roof appear to float over the gym's basketball court, and permits light into the space through clerestories.

The project is the AISC National Winner of the Award of Excellence for a project designed where structural steel forms a prominent architectural feature of the building.

215 Wyoming Street
Suite 201
Syracuse, NY 13204
315 • 488-0377
315 • 487-5947 fax

1151 Pittsford-Victor Rd
Suite 125
Pittsford, NY 14534
585 • 200-5038
585 • 248-9532 fax

info@bellandspina.com
www.bellandspina.com

