



HIGH SCHOOLS

RENOVATIONS/ADDITIONS/
RESTORATIONS

Northwest Architectural Company

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Spokane, WA 99201
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Design team

Structural Design Northwest, Inc.

L&S Engineering
Mechanical

Keith Hellstrom
Landscape Architect

NAC Engineering
Electrical

Taylor Engineering
Civil

Owner/Client

Spokane Public Schools
Spokane, WA

Dr. Mark Anderson, Associate
Superintendent
(509) 354-5900

Type of School and Grades Served
High School

Capacity
1,800 students

Size of Site
8 acres

Area of Building
316,316 square feet

Volume of Building
4.8 million cubic feet

Space per Student
175 square feet

Cost per Student
\$17,222

Square Foot Cost
\$98

Cost of Construction
\$31 million

Total Project Cost
\$42 million

Contract Date
September 1999

Completion Date
September 2001

Percent of Completion
100%

Lewis and Clark High School Spokane, Washington

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This project protected the integrity of a 1912 high school on the National Register of Historic Places while infusing it with the features of a contemporary 21st-century school and its modern curriculum, program, and physical needs. In addition, the project demanded tasteful and compatible additions that respected the original building.

On the historic preservation side, a 19-point plan was formulated to identify and preserve the school's character-defining elements. On the contemporary school side, minimally invasive, discrete means were developed to provide telecommunications/data infrastructure, HVAC systems, power, safety systems, and other modern infrastructure. Great pains were taken to minimize the impact of the ceiling height reductions, thus preserving the personality of the original building.

The site is very tight—just 2.5 city blocks (about 7.5 acres), with a major arterial bisecting the site. This arterial was bridged with an enclosed skywalk that links the academic core to the athletic and music facilities in the Field House. This skywalk is a real and metaphorical bridge—thus explaining its 19th century railroad trestle arches supporting a contemporary glass-enclosed corridor.

Construction type: steel and concrete frame, brick veneer,

precast ornament to complement original terra cotta. Fan

coil HVAC system with central boiler and chiller. ■



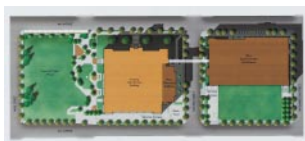
THEATER



FIELD HOUSE WITH BRIDGE CONNECTION



EXISTING BUILDING WITH BRIDGE CONNECTION



SITE PLAN