

Carlsbad High School Gymnasium

The Carlsbad High School Gymnasium is designed to seat up to 2,000 students and visitors. This 28,300 SF structure has two cross courts and a full-size competition basketball court. The facility also includes a training room, locker rooms, team rooms, offices, storage spaces and a concession area. The building is made of load-bearing concrete masonry with steel trusses supporting the roof structure. The roof utilizes curved steel beams and deep cellular steel deck covered with standing seam metal roofing. The building incorporates energy-efficient design techniques by accommodating natural ventilation and maximizing controlled daylighting.





CLIENT

Carlsbad Unified School District

LOCATION

Carlsbad, California

COST

\$4,000,000

COMPLETION DATE

September 2000

ARCHITECTURE TEAM

Principal-In-Charge:
Ralph Roesling, FAIA

Project Manager:
Chuck Forte, Architect

Project Architect:
Rommel Olaes, AIA, LEED^{AP}

PROJECT PARTICIPANTS

Architect of Record:
Roesling Nakamura Terada
Architects, Inc. (RNT)

Owner:
Carlsbad Unified School District
Mr. Rob Todd, Construction Manager
(760) 331-5506

Civil Engineer:
Flores Lund Consultants

Structural Engineer:
Stedman & Dyson Structural
Engineers

Mechanical Engineer:
E/C Engineering

Electrical Engineer:
Semenza Engineering

Landscape Architect:
Mr. James Benedetti