

**Philomath High & Middle School Renovation Project
MECHANICAL, ELECTRICAL, & CONTROLS DESIGN**

Owner:
Philomath School District
PO Box 951
Philomath, OR 97370
Rod Harvey (541) 929-3169

Project Start: February 1999
Project Finish: October 2002
Facility Type: Educational
Building Age: Middle ~1975
High 1956

Client:
BOORA Architects
720 SW Washington, # 800
Portland, OR 97205
Bill Harper (503) 226-1575

Construction Cost (Total): \$2,969,550
Construction Cost (EESI Portion): \$1,170,755
Engineering Fees: \$64,836
Project Size: 68,640 square feet

EESI Staff Involved: Fred Shaub, Peter Sanford, John Balaam, Randy Boyd, Ron Anderson, Dan Pullen, Conning Kenning, & Ron Phelps.

Project Description: Three phase project consisting of mechanical, electrical, and controls design services for the remodel of Philomath Middle School and the renovation of mechanical and electrical system at Philomath High School.

HIGH SCHOOL RENOVATION (PHASE 1):

Replace steam heating system with new hydronic boiler and distribution system and new fan coil units. Included power relief fans for indoor air compliance (UBC Chapter 12). The welding shops included new gas fire infrared heaters. Also, included remodel of administration offices, gym, showers, and locker rooms.

MIDDLE SCHOOL REMODEL (PHASES 2 & 3):

Administration area (Phase 2) and Science Room remodel (Phase 3) which included a new HVAC system, plumbing fixtures, lighting, power, and fume hood exhaust systems.

**New Clemens Primary School
MECHANICAL, ELECTRICAL, & CONTROLS DESIGN**

NEW CONSTRUCTION

Owner:
Philomath School District
PO Box 951
Philomath, OR 97370
Rod Harvey (541) 929-3169

Client:
BOORA Architects
720 SW Washington, # 800
Portland, OR 97205
Bill Harper (503) 226-1575

Project Start: February 1999
Project Finish: October 2001
Facility Type: Educational
Building Age: Built 2000
Construction Cost (Total): \$4,820,000
Construction Cost (EESI Portion): \$1,000,344
Engineering Fees: \$66,164
Project Size: 41,470 square feet

EESI Staff Involved: Fred Shaub, Peter Sanford, John Balaam, Randy Boyd, Ron Anderson, Dan Pullen, Connie Kenning, & Ron Phelps.

Project Description: Design of HVAC, plumbing, and electrical systems for a new primary school consisting of gym, multipurpose room, kitchen, classrooms, media center, and administration offices.