

**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.