

Executive Building Motor Control Center
ELECTRICAL DESIGN

RENOVATION

Owner/Client:
State of Oregon
Dept. of Administrative Services
1240 Ferry Street SE
Salem, OR 97310
John Hamilton (503) 378-2865

Project Start: April 1995
Project Finish: February 1996
Facility Type: Government (office)
Building Age: Built 1937
Addition 1979
Construction Cost: \$40,000
Engineering Fees: \$4,400
Project Size: 36,691 square feet

EESI Staff Involved: Randy Boyd.

Project Description: EESI provided electrical design for replacement of GE800 motor control center at the Executive Building. EESI analyzed the buildings electrical power needs, then provided the upgrade design retrofit.

Revenue Building - Plaza Electrical Repair
ELECTRICAL DESIGN

REMODEL

Owner:
Oregon Department of
Administrative Services (DAS)
1225 Ferry Street SE U100
Salem, OR 97301
Will Gray (503) 373-2865 x 228

Project Start: June 1999
Project Finish: June 1999
Facility Type: Office (Government)
Building Age: Built 1981
Engineering Fees: \$1,131.50
Project Size: NA (exterior work)

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

EESI Staff Involved: Dan Pullen.

Project Description: Drawing / design for permit to repair damper to electrical circuits.

Contractor damaged existing electrical conduits and conductors while demolishing planters in a pedestrian plaza remodel on the southwest corner of the Revenue Building.

Computer Hub Room Leak Detection
ELECTRICAL DESIGN

EXISTING BUILDING RENOVATION

Owner/Client:
State of Oregon
Dept. of Administrative Services
1225 Ferry Street SE
Salem, OR 97310
Frank Evans (503) 378-2865

Project Start: August 1999
Project Finish: June 2000
Facility Type: Government Offices
Building Age: Built 1989
Construction Cost: \$13,200
Engineering Fees: \$2,870
Project Size: 700 square feet*

*Portion of building involved in project

EESI Staff Involved: Fred Shaub and Dan Pullen.

Project Description: Design of leak detection system for computer floor in the Human Resources Building.

PUC Building Cooling Tower Addition
MECHANICAL DESIGN

RENOVATION

Owner/Client:
State of Oregon
Dept. of Administrative Services
1225 Ferry Street SE
Salem, OR 97310
John Ahlbin (503) 378-2865

Project Start: December 2001
Project Finish: May 2002
Facility Type: Government Offices
Building Age: Built 1989
Construction Cost: \$111,089
Engineering Fees: \$11,300

EESI Staff Involved: Fred Shaub John Wallin, & Ron Phelps.

Project Description: Design new cooling tower for Public Utility Commission (PUC) building. The existing chiller condensing water utilized open stream (Mill Creek) water which was cited by the EPA Protection act for thermal pollution. Design included decommissioning of existing heat exchanger and water source water loop and design of new condenser pump, pipe distribution system to roof, cooling tower, and controls. EESI used BMGP Engineers as structural consultants for the new cooling tower support on the existing roof structure.