



**Pioneer Place
Portland, Oregon**

CASE STUDY

Pioneer Place Shopping Mall - Portland, Oregon

Statistics Office [15 Floors,328,651 sq ft]
Retail [4 Floors,242,309 sq ft]
Below Grade Retail [1 Floor]

Team The Rouse Company, Maryland, Owner
ELS/Elbasani & Logan, Architect
Fletcher Wright Construction Company, Contractor
MacDonald-Miller, Mechanical & Controls Contractor

Systems

Designed and installed a complete mechanical control system. Project consisted of floor-by-floor vertical, self-contained units with variable speed pumping. Retail HVAC system consisted of water cooled air conditioning units. Because of the mixed usage of this project, codes became a major design concern. The 4-story atrium, malls, food courts, and office space were intermingled, which presented quite a design challenge.

Notes

MacDonald-Miller Company was selected on a negotiated basis after a scope document presentation.

This facility was started up in 1990 and in 1999 the control system along with another city block 4 story retail center was converted to Richards-Zeta Controls. The new facility was commissioned with Richards-Zeta Echelon control system while the existing buildings were retrofit from the Staefa controls system