



LIGHTING INFORMATION:

- 1568 fixtures • 600 receptacles • 509,000 lf or 96 miles of conductor
- Almost exclusively fluorescent lamping • 277 v throughout •

CONSTRUCTION INFORMATION:

- 160,000 sf • overall project cost of \$25,000,000 • 2 stories • November 2001 - July/2004 • on time, on budget • Design - Build delivery method •

ARCHITECTURAL INFORMATION:

- brick facade with aluminum accents
- tempered and insulated glazing
- rubber roof membrane on deck areas, steel decking on concave areas •

GORDON FIELDHOUSE AND ACTIVITIES CENTER ROCHESTER INSTITUTE OF TECHNOLOGY

ROCHESTER, NY

PROJECT TEAM:

- OWNER:** Rochester Institute of Technology
- ARCHITECTS AND ENGINEERS:** Cannon Design
- CONSTRUCTION MANAGER:** The Pike Company
- SITE/CIVIL CONSULTANT:** Clough, Harbour & Associates
- AQUATIC CONSULTANT:** Counsilman/Hunsaker & Associates
- ACOUSTIC CONSULTANT:** Cavanaugh Tocci Associates Inc.
- CODE CONSULTANT:** Robson & Woese, Inc.



STRUCTURAL INFORMATION:

- 764 10" pipe casings 27' deep in bedrock • 3000 c.y. of conc for footers, grade beams, pile caps • 2700 c.y. conc for upper/lower floors, 4000psi NOVOMESH • 50,000 cmu • 132000 bricks • 132 tons rebar for foundations • 123 tons rebar for flat work and exterior stairs • 1500 tons steel • Slab-on-grade foundation • composite floor system with composite beams and steel trusses •

ELECTRICAL INFORMATION:

- High voltage electrical service (12,000v) • 3 med volt XFrms for 208v, 3 med v XFrms for 480v • 3000A 277/480v 3ph 4w switchboard for lighting/mech equip • 2500A 120/208v 3ph 4w switchboard for recep • emergency circuit panel feeding fire alarm system, exit lights, safety egress lgt, & natural gas fired emerg. generator •

MECHANICAL INFORMATION:

- 9 rooftop AHUs for environment control ranging from 3,800 to 50,000 cfm • each AHU equipped with DX cooling, economizers and HW coils • 6 of the AHUs equipped with have VFDs • Pumping system with HW fed from existing gas-fed boilers in adjacent building • 7500 linear feet of copper and ductile iron piping of various sizes •

