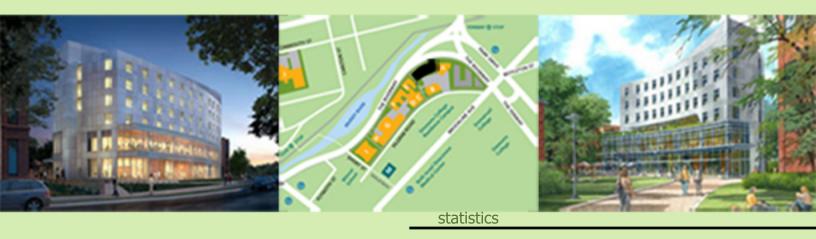
WHEELOCK COLLEGE CAMPUS CENTER AND STUDENT RESIDENCE

200 THE RIVERWAY, BOSTON, MA 02215



project team

owner architect lighting structural m/e/p civil g.c. landscape sustainable food service | wheelock college william rawn associates hlb lighting design lemessurier consultants, inc vanderweil engineering judith nitsch engineering, inc shawmut design and construction richard burck associates the green engineer foodservice design

mechanical

one 20,700 cfm ahu in the basement one 19,000 cfm ahu on the roof two make-up air units for the kitchens one fan coil heating/cooling unit per dorm

structural

primarily structural steel construction

foundations consist of spread footings, basement and foundation walls, and slabs on grade

5" minimum slab on grade

size | 60,000 sf

6 above grade, 1 basement floors 09.27.07 - 12.31.08 construction | design-bid-build delivery method | \$23 million cost |

lighting

predominately linear and compact fluorescent lamping

daylighting is controlled with sun shades

electrical

combination 480Y/277V and 208Y/120V, 3 phase, 4 wire systems

most loads provided by 208Y/120V transformers

architecture

curved metal panel and glass facade

roof system is assembled with a drainage mat, fully adhered membrane, board insulation and a vapor barrier on a concrete slab

third floor green roof deck

anne-lynn cheney | lighting/electrical http://www.engr.psu.edu/ae/thesis/portfolios/2009/akc5002