

# RACE STREET DORMITORY

Drexel University

3300 RACE STREET  
PHILADELPHIA, PA

## GENERAL

- INTECH CONSTRUCTION, GENERAL CONTRACTOR AND CONSTRUCTION MANAGER
- ERDY MCHENRY ARCHITECTURE, LLC, ARCHITECT
- INDOOR QUALITY SOLUTIONS, MECHANICAL ENGINEER
- CAGLEY HARMON & ASSOCIATES, INC. STRUCTURAL ENGINEER
- PENNONI ASSOCIATES, INC. CIVIL ENGINEERS
- 132,800 S.F
- \$22M CONSTRUCTION COST
- DESIGN-BUILD DELIVERY METHOD
- SCHEDULED COMPLETION FEBRUARY 2007

## ENVELOPE

- FLOOR TO CEILING GLAZED CURTAIN WALLS
- COMPLEX EXTERIOR MEMBRANE MADE FROM RIBBED, SMOOTH AND CORRUGATED ALUMINUM, STEEL, AND ALLOY-COATED STEEL
- COLD FORMED STEEL STUDS WITH FIBERGLASS INSULATION
- EPDM SINGLE-PLY MEMBRANE ROOFING OVER RIGID INSULATION
- SLAB ON GRADE
- EXPOSED CONCRETE WALLS AT GROUND LEVEL



## STRUCTURE

- CONCRETE PIER AND FOOTING FOUNDATION
- DIAGONALLY BRACED STEEL FRAME AND MOMENT CONNECTIONS
- PRECAST CONCRETE HOLLOW CORE PLANK FLOORING
- 6' SPACED BEAMS AND STEEL DECK TO SUPPORT ROOFING

## ARCHITECTURE

- “L” SHAPED BUILDING
- 12 STORIES ABOVE GRADE-SECURITY DESK, MAIL ROOM, MULTIPURPOSE ROOM ON FIRST FLOOR
- EXERCISE ROOM ON SECOND FLOOR
- 130 STUDENT SUITES FLOOR TWO THROUGH ELEVEN, 490 STUDENTS
- TWO BEDROOMS, LIVING, BATH, KITCHEN PER SUITE
- TWO COMMON ROOMS PER FLOOR
- 3 ELEVATORS, 2 STAIRWELLS

## LIGHTING/ELECTRICAL

- BOTH 480/277 V AND 208/120 V
- 3 PHASE, 4 WIRE SYSTEMS
- EMERGENCY DIESEL GENERATOR AT GROUND LEVEL
- TYPICAL KITCHEN UNIT-
  - 1'X4' SURFACE CLOUD
- TYPICAL BATH UNIT-
  - 4"X2' WALL CLOUD
- TYPICAL BED UNIT-
  - 14" DIAMETER WALL SCENCE
- TYPICAL CORRIDOR UNIT-
  - 2'X2' PRYSMATIC LAYIN

## MECHANICAL

- FAN DRIVEN AIR VOLUME SYSTEM
- EMERGENCY STAIR PRESSURIZATION FANS