

Richardson Hall Renovation

Project Costs: \$12.25 million

Architect: GRC Architects/Gansen Lindsay Design Consultants Inc.

General Contractor: T. A. Andre and Sons

Project Description: Renovated facilities to address major building deficiencies including the need to make the building fully accessible. Exterior masonry re-pointing and repair is complete. The interior finishing is proceeding on all levels with substantial completion scheduled for early November with move-

Part 2: Planning Studies, Reports and Other Items Submitted to the CPDC for Approval and/or Information:

Ban Righ Hall

Project Costs: \$694,000

Consultant: Morrison Hershfeild

General Contractor: Semple Gooder Roofing

Project Description: The original slate roof (1923) tile was replaced as part of the Residence deferred maintenance program. The slate was replaced with a similar green colour as the existing tile. The existing copper flashing was also replaced.

Status: Completed August 2008.

Kingston Hall Walkway

Costs: \$700,000

Architect: du Toit Allsopp Hillier Architects

General Contractor: T.A. Andre and Sons

Project Description: To redevelop the pedestrian walkways and lighting in front of Kingston Hall that connects University Avenue to the area in front of Summerhill and add benches and bicycle racks. Enhanced vehicular approach apron and turning circle at Theological Hall.

Status: Pedestrian walkway was completed September 2008. The laneway and circle in front of Theological Hall is to be completed by October 31, 2008.

40 Sir J. A. Macdonald Boulevard

Planning Costs:

Cogeneration Facility

During the winter months the cogeneration units were running more often at higher outputs to satisfy the University's increasing steam and electrical requirements. The cogeneration units are fuelled by clean natural gas and generate electricity and steam at high thermal efficiencies. In the months of November and January the cogeneration units ran 311 hours and 605 hours respectively.

216 Earl Street

The University acquired this property July 2007. This property was converted to a parking lot and was complete December 2007.

Energy Management Initiatives

Physical Plant Services continues to implement energy management initiatives across campus. Lighting retrofits have been completed in McArthur Hall main lobby, Ellis Hall undergraduate teaching lab, Jackson Hall graduate office space, McLaughlin Hall room 217, Walter Light, Dupuis Hall and Humphrey Hall (exit fixtures) and Dupuis hall 1st and 2nd floor corridors and Stirling Hall lecture theatres and Grant Hall.

A brochure for the "Earth Hour" initiative was prepared with participation from ITS, Residences, and building custodians. During Earth Hour, March 29, power levels were monitored at the University's main transformer substation. At approximately 7:50 pm, just 10 minutes before Earth Hour was to begin power demand on campus began to decrease. By 8:15 pm the electrical demand dropped nearly 5% compared to the power that was demanded through the substation just 25 minutes earlier. The power level remained relatively constant for the next hour reaching a low point for the hour at 8:45 pm.

Three submissions for provincial funding through the OPA (Ontario Power Authority) program called ERIP (Electricity Retrofit Incentive Program) were submitted in December and all three were approved for funding. Several more applications under this program are planned. Federal funding from Natural Resources Canada (NRCan) was approved for \$10,000 and several new lighting projects were added to complement the proposal and were initiated over the summer.

Sustainability

A Sustainability Office is now in place within the Physical Plant Services group working under Campus Planning and Development. A website for the office has been launched and can be found at <http://www.uwaterloo.ca/physical-plant-services/sustainability/>