

## **Parks Canada Projects with G.F. Duffus**

### **Monument Lefebvre Ventilation and Insulation**

Spring Design with Charles Munroe, Mechanical Engineer finished mid February;  
Construction started May 14, 2010, completed October 26, 2010.

### **Monument Lefebvre Roofing**

Spring Design finished April 30<sup>th</sup>

Construction Started August 13, completed October 26, 2010



### **Fort Beausejour Ventilation**

Preparation of Federal heritage Buildings review Office, (FHBRO) submission for approval of approach to work on Classified Federal Heritage Building;  
Spring design review and completion with Charles Munroe, Mechanical Engineer, finished in mid February;  
Construction deferred until January, 2011, completed end March, 2011.



ACS was in the lead role for preparation of the drawings and specifications for this work with sub-consultant C. Munroe for the mechanical engineering work. He was also in the lead role for the site inspections of the work during construction for the three projects. G.F. Duffus was the Architect for the project and responsible for review of documents prepared by ACS. Although the work on Beausejour was deferred until early 2011, it is included here as a 2010 project.

### **PWGSC Heritage Conservation Branch: Preparation of Conservation Master Specifications**

ACS was contracted by the Heritage Conservation Branch to prepare two master specifications for painting of historic buildings; Section 09 03 61 Historic –



Repainting Exterior Surfaces; and, 09 03 62 Historic – Repainting Interior Surfaces. This was related to the role he had with PWGSC as a team member on the national committee reviewing conservation master specifications. His expertise in the field and previous commentaries on the specifications made him an ideal person for the task. The work undertaken in March, 2010, involved writing the two master specifications, reviewing them with the national committee, revising them and submitting them for finalization and publication.

### **Technical Advice and Guidance**

Mr. Hockey provided technical Advice and Guidance for construction of a Heritage Carpentry course Lab for Holland College at the request of Justin Dunne. Meeting with College staff and working in Halifax with Ron Cahoon of Dora Construction to come up with equipment requirement and lab layout, completed mid April. ACS attended a round table discussion in Charlottetown June 1<sup>st</sup> at Holland College regarding establishment and content of the course.

Mr. Hockey made a technical presentation regarding Ceilings, Attics and Roofs at a May meeting of the N.S. Home Designers Association. The presentation was made at the Nova Scotia Community College waterfront campus and it was simulcast to the Community College in Bridgewater and was open to students.

ACS responded to a request from Ron Cahoon regarding implementation of the masonry restoration of the Glebe, Halifax being undertaken by Dora Construction ACS conducted two site visits. The first visit was June 16<sup>th</sup>, which was followed up with a memo discussing the recommendations for cutting out the mortar joints and mortar designs for the brick and the sandstone. The second was August 16<sup>th</sup>, 2010 which involved discussions with the masonry contractor and confirmation of the recommended overall approach to the work in June.

### **Saint Andrew's United Church, West & South West Elevations, Halifax, NS**



In February 2008 ACS conducted a site inspection and prepared a memo outlining issues with failed pointing at the church and offering to prepare construction documents for repointing the southwest and west elevations and conduct inspections during the construction. The drawings and specifications were finalized and the masonry contractor used by the church for the previous work was engaged to implement this phase of the work. The construction was undertaken between the end of May and September, 2010. Repointing the chimney was added. ACS provided the construction inspections for the church.



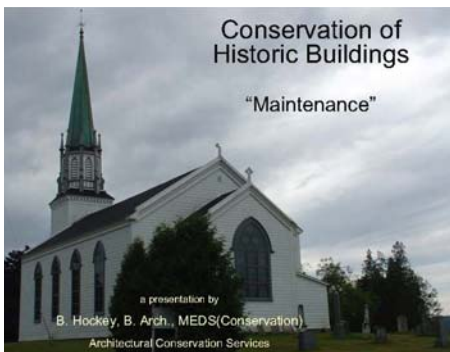
## G.F. Duffus Projects



ACS conducted site inspections and prepared reports for the Masonry conservation of Dalhousie University Chase Building from August 4 to November 4, 2010 and Sherriff Hall from August 27 to September 22, 2010. Duties included confirmation of compliance with construction documents and providing site instructions when changes were required.

In November, 2010 ACS was engaged to prepare a specification for Window and Door Rehabilitation at the Esther Lord Residence, in Saint Andrews, NB to go with the drawings prepared by G.F. Duffus.

## Trinity Anglican Church and Rectory, Kingston NB



ACS was engaged by the Anglican Parish of Kingston to prepare a maintenance plan for the church and rectory - the oldest Anglican Church in New Brunswick and a National Historic Site of Canada. The maintenance plan includes basic measured drawings, photographs, a condition assessment, and a written plan which covers all aspects of maintenance, housekeeping and capitalization of building envelope elements. New storm

windows were installed on the north side of the building in May and the rectory was painted in the summer using documents prepared by ACS. Site visits were made in late October, 2010 and detailed inspection reports were prepared for the church and the rectory as a lead up to finalization of the plan in 2011.

## Colonial Building, St. John's, NF

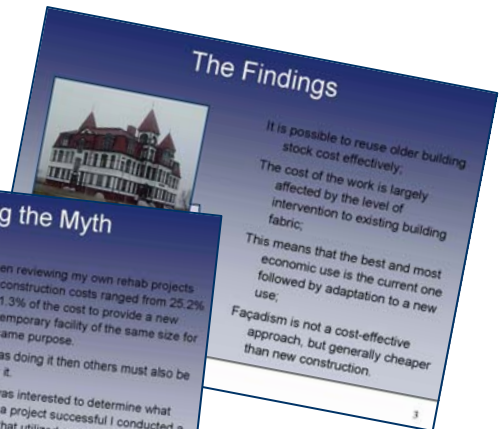
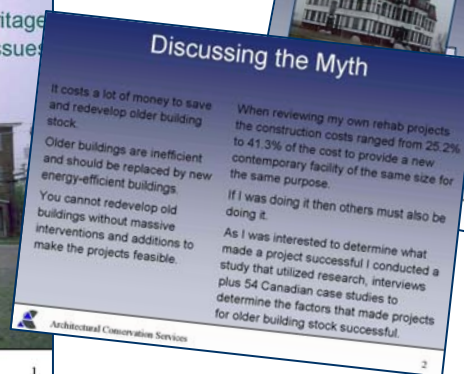
The PHB Group asked ACS to be a team member for their proposal for work on the design phase of the Colonial Building Project following acceptance of the 2007 Historic Structures Report by the Province of Newfoundland. The proposal was accepted in September, 2008. Work included preparation of designs for the missing chimney elements, replacement of the shingle roof in original slate and writing the specifications for construction of these elements for DPW. The project became very complex with the DPW client hiring their own expertise and various discussions and direction changes to the work. The designs and specifications were completed in July, 2010. The project is on-going.



## Colonial Building: St. John's, NL

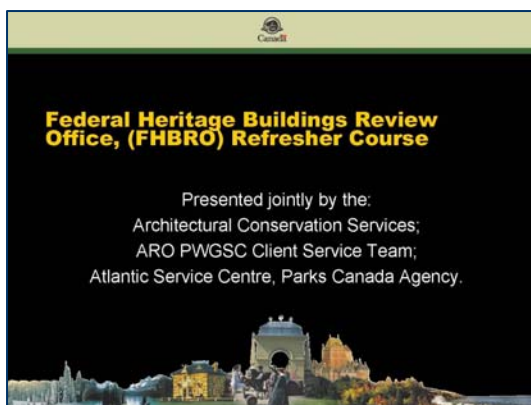
ACS was responsible to determine the details of the chimneys that had been replaced and to design their replacements; for determining the original configuration and conducting the design and specifications for the replacement of the roof in slate; and discussing building envelope issues. ACS responsibilities also included meeting with consultants hired by the client to verify the approach; and meeting with, looking at their investigative techniques and reviewing a report prepared by another firm for the Project managers.

## Green Investment in Built Heritage



Mr. Hockey was asked to be a presenter for the Historic Places Initiative, Heritage Day, February 16, 2009. His presentation was a discussion of the Project Management and costing issues that are incurred in the development of built heritage and how they could best be controlled to weight ones chances for a successful project when dealing with built heritage.

## FHBRO Training for Parks Canada



Through PWGSC, Parks Canada engaged *Architectural Conservation Services* to revise and update existing course material and participate as a presentation team member for 'in-house' training called "**FHBRO in the Field Unit**". This one-day course was intended for staff working with designated buildings - Asset Management, Maintenance, CRM, and Resource Conservation. The course was presented in Louisbourg, Charlottetown and Fundy National Park. The audience was Parks

staff who hadn't had the opportunity to take the 2-day FHBRO introductory course, or a refresher for those who have taken a FHBRO course.



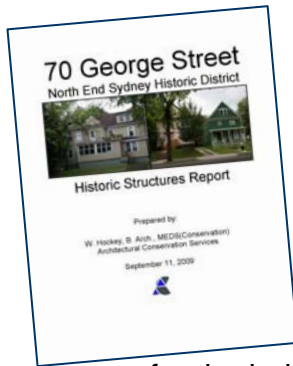
### Saint Andrew's United Church, Halifax, NS



ACS finalized the drawings and specifications and managed the construction for a masonry contractor to complete repointing of the east elevation of the Church. Work included preparation of reports and photographs taken during site visits.

The work was completed and a final inspection undertaken on October 17, 2009.

### 70 George Street, Sydney, NS



ACS was hired by the Cape Breton Regional Municipality to prepare a study to determine the overall condition of the building, assess the potential for continued use in the future, and provide information to enable the Heritage Advisory Committee and Council to make informed decisions regarding the future of the building. This included discussions with the buildings owners and the provincial Deputy fire Marshall. The report showed that it was not feasible to redevelop the building and expand it for the current use; the best solution would be to find an alternate owner, and appropriate new use

for the building.

### Trinity Anglican Church and Rectory, Kingston NB



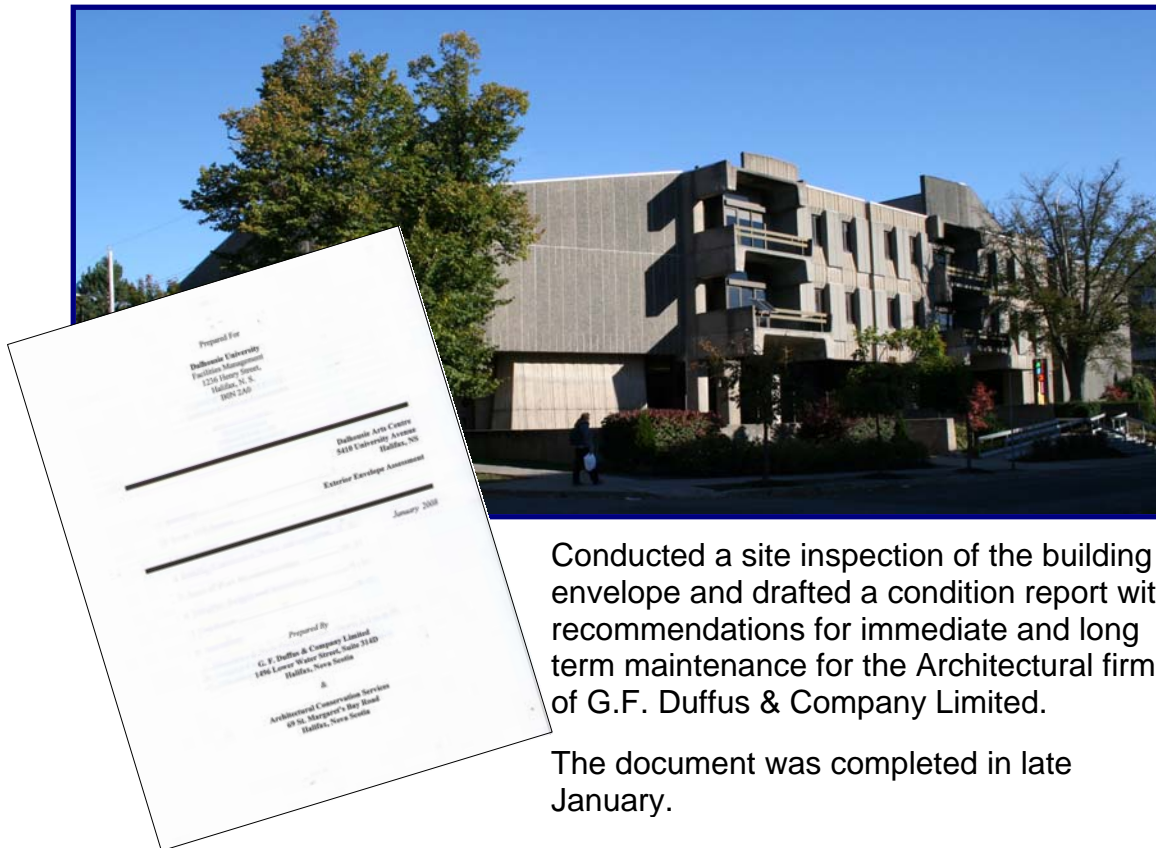
ACS completed 25% of the work to prepare a Maintenance Plan including the background information and preliminary sketches for the church and rectory to provide the data base for preparation of the plan. He placed this work on hold so that the Anglican Parish of Kingston could apply to the cost share program for the site of the oldest Anglican Church in New Brunswick and a National Historic Site of Canada.



Mr. Hockey prepared design documents for the Parish to submit with their cost share requests for preparation of the maintenance plan, painting the Rectory, and constructing wooden storm windows for the church. No further work was undertaken on the church for this year.



## Dalhousie Arts Centre, Halifax, NS



Conducted a site inspection of the building envelope and drafted a condition report with recommendations for immediate and long term maintenance for the Architectural firm of G.F. Duffus & Company Limited.

The document was completed in late January.

## Saint Andrew's United Church, Halifax, NS



In February ACSI conducted a site inspection and prepared a memo outlining issues with failed pointing at the church and offering to prepare construction documents for repointing the east, (shown) and west elevations and conduct inspections during the construction. Draft drawings and specifications were prepared in May and a quotation was obtained from the masonry contractor used by the church for the previous work.

The construction project has been deferred until the 2009 construction season because the contractor was unable to start the work this year.



## Trinity Anglican Church and Rectory, Kingston NB



ACS was approached by the Anglican Parish of Kingston to consider preparing a maintenance plan for the church and rectory - the oldest Anglican Church in New Brunswick and a National Historic Site of Canada. Mr. Hockey made a presentation to the congregation regarding the importance and content of maintenance plans on January 21, 2008 and ACS was engaged to prepare a Maintenance Plan for the Church and Rectory

which includes basic measured drawings, photographs, a condition assessment, writing the plan including all aspects of maintenance, housekeeping and capitalization of building envelope elements. This work is currently under way with the parish and will be completed as time and opportunity permits.

## Colonial Building, St. John's, NF

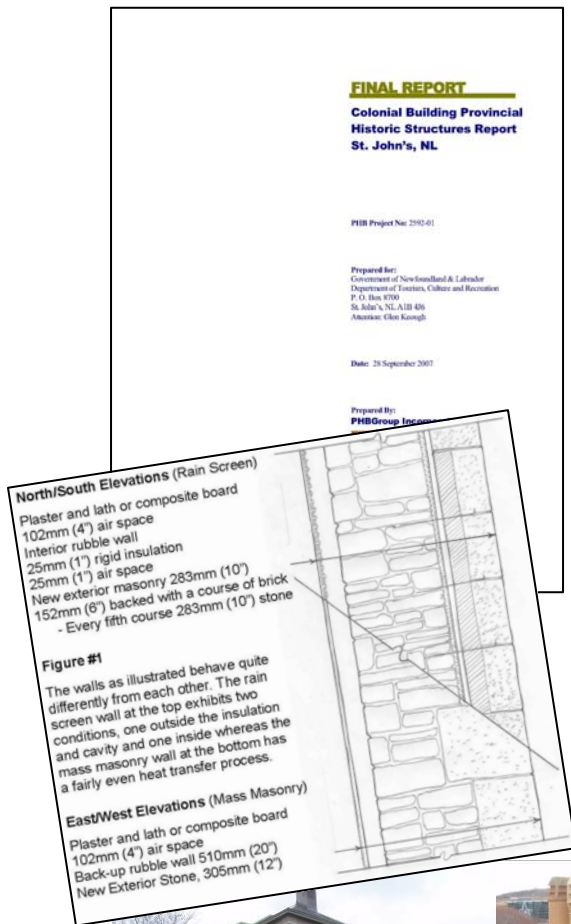
The PHB Group asked ACS to be a team member for their proposal for work on the design phase of the Colonial Building Project following acceptance of the 2007 Historic Structures Report by the Province of Newfoundland. The proposal was accepted in September, 2008 and work will begin by the end of the month.

## ICOMOS 16<sup>th</sup> General Assembly and International Scientific Symposium Quebec City, 2008 <http://www.hospitalite.com/Clients/icomos>

Bill Hockey of ACS was invited to be a panellist for a workshop on Heritage Conservation Practice in Canada, based on his experience with Cost Share Projects and volunteer work while employed by Parks Canada. This will take place the first week of October.



## The Colonial Building, St. John's, Newfoundland



Lead Architectural Conservator on a multi-disciplinary team, preparing a Historic Structures Report for the Colonial Building in St. John's, Newfoundland. Primary Consultant for the project is The PHB Group Incorporated, [www.phbgroup.com](http://www.phbgroup.com). Team members included architects, structural engineers, historic researchers and archaeologists, mechanical and electrical engineers and landscape architects. The aim was to conserve and develop the building while maintaining heritage character; address user needs including accessibility and options for dual occupancy (offices, interpreted historic site); and to ensure that the work was guided by best practices as contained in International Conservation Charters and the Standards and Guidelines for the Conservation of Historic Places in Canada; The Report was completed and submitted on September 28, 2007. ACS was a team member for the proposal for the next phase of the work which was accepted in September 2008.



Exterior from South-East

Chimney

Council Chamber

Offices

## City of Fredericton – Technical Advice and Guidance

In early April the City Development Services Dept. engaged Architectural Conservation Services (ACS) to meet with the city and the proponent of a project to help facilitate the adaptation of an existing designated building to a new use; to discuss approaches and possibilities in accordance with the Standards and Guidelines for the Conservation of Historic Places in Canada. After a follow-up meeting in May, ACS inspected the building with the developer's team and a member of the planning department. ACS then prepared and submitted a report which discussed general condition and heritage character issues related to conservation and adaptation of the building.

