



Memorandum

Office of the Associate VP, FMAS
1010 Sherbrooke Street West, Room 1126
Montreal, Quebec, H3A 2R7
Tel: 514-398-2926 | Fax: 514-398-5191

TO: Senate

FROM: Mr. Robert Couvrette, Associate Vice-Principal, Facilities Management and Ancillary Services

SUBJECT: Annual Report from the Senate Committee on Physical Development (2014-15)

DATE: October 21, 2015

DOCUMENT #: D15-12

ACTION REQUIRED: INFORMATION APPROVAL/DECISION

ISSUE: The 2014-2015 annual report of the Senate Committee on Physical Development, a Senate standing committee, is presented for information.

BACKGROUND & RATIONALE:

The Senate Committee on Physical Development (SCPD) has been active since 1971. It operates with a membership and terms of reference that were approved by Senate in May 2009. The terms of reference of SCPD require that the Committee report annually to Senate.

A report on the activities of the committee over the course of 2014-2015 is attached (Appendix A). Also attached are the 2014-2015 lists of members (Appendix B) and the terms of reference of the Committee (Appendix C).

Five meetings are scheduled during 2015-2016. Priorities for the coming year continue to include focused presentations and discussions to seek the input of SCPD members on specific themes related to the physical development of the campus in service of academic priorities. In addition to any ongoing discussions relating to the terms of reference of the Committee, potential themes for the 2015-16 session may include: Vision 2020, Library Redevelopment, Deferred Maintenance, and the University Master Plan. One theme will also be specifically related to the Macdonald Campus.

MOTION OR RESOLUTION FOR APPROVAL:

N/A

PRIOR CONSULTATION:

Members of the Senate Committee on Physical Development

NEXT STEPS:

The report will be submitted to the Building and Property Committee of the Board of Governors.

APPENDICES:

Appendix A: SCPD Annual Report 2014-2015
Appendix B: SCPD Membership 2014-2015
Appendix C: SCPD Terms of Reference

**Senate Committee on Physical Development
Annual Report 2014-2015**

ACTIVITIES DURING THE 2014-2015 ACADEMIC YEAR

The Committee held three (3) meetings during the 2014-2015 session. This document summarizes the physical development related activities of McGill University for this period as discussed at meetings of the Senate Committee on Physical Development (SCPD). The membership and terms of reference of the Committee are attached as appendices.

MAJOR CONSTRUCTION/RENOVATION/PLANNING INITIATIVES

- Macdonald Stewart Library Bldg. - The emergency intervention to stabilize the masonry exterior of the Schulich Library is now complete. The building is safe and can/will remain occupied. Full, permanent restoration will be required..
- NCS Infrastructure - Preliminary studies are now complete for the renovations required to house new Information Technology equipment throughout the University.
- Wong Bldg. Masonry Replacement - Construction is complete.
- Macdonald Campus Energy - This project is to replace the utilities infrastructure related to energy production and distribution at the Macdonald campus. The project is now under construction.
- Cattle Complex Reconstruction – This project is a re-build as a result of a fire. Completed.
- University Centre HVAC - This project to replace the deteriorated HVAC and heating systems of the University Centre is currently pending confirmation of funding source(s).
- Management Expansion into Bookstore - This project is necessary to accommodate the expanding needs of the Desautels Faculty of Management. A separate project is required for relocation of the Bookstore. Construction is targeted to begin (pending funding and project approvals and Bookstore relocation) in the spring/summer of 2016.
- Green Chemistry CERC - A project to establish research facilities for McGill's new CERC in Green Chemistry, is to be located in the basement of the Pulp and Paper and the Otto Maass buildings. Project cost approx. \$23M. Completion scheduled for October 2016.
- Pain CERC – This project is to establish a permanent location for McGill's Pain CERC. The Principal Investigator is presently at McGill and conducting research in temporary facilities in the Genome Building. A proposal to allocate space in the Duff Building for this project has recently been approved, and it is expected that detailed design will soon begin.
- Wilson Hall Redevelopment - Project cost: \$51M including Quebec funding (\$35M). The project is now following the new Ministry requirements involving the Société québécoise de l'infrastructure (SQI). The next step is the submission of the Dossier d'opportunité which is expected to occur this year. We will then submit the Dossier d'affaires. Subject to both Ministry of Education and Board of Governors approval of the full project, the earliest possible construction start date is anticipated to be 2017, with completion around 2020.

- Stewart Biology Redevelopment Strategy - This project is to develop and evaluate options for improving the building's functionality and bringing it up to 21st century standards. Professional consultants have been selected and are mobilized. Their report is expected by the end of the year.
- Arts Portico Reconstruction - Reconstruction is underway to this iconic element of McGill's heritage Arts Building. Construction is expected to be completed in the fall 2015 term. Project cost is approximately \$1.5M.
- MNI - North Wing Fit Out - Construction began in April 2015. Project completion is anticipated for summer 2016.
- Strathcona Anatomy and Dentistry Bldg. – Masonry Restoration and Window Replacement - The project is listed as a high priority within the University's deferred maintenance program and is pending confirmation of funding source(s).
- Chancellor Day Hall, Duff Building - Deferred Maintenance projects – The replacement of windows, heating and electrical systems at Old Chancellor Day Hall and a new underground service tunnel serving the Duff Building and the MNI are now substantially complete.
- Library study – A major planning project was launched to consider the future of the Libraries and Archives. Outside consultants have been engaged for the study, and the process included community consultation. Storage and student workspace are two major issues. The preferred option is to focus on the Redpath/ McLennan Library complex, relocate most of the books into storage space, and then to increase the percentage of student study/work space to lower McGill's deficit of this space when compared to similar universities. The project also includes a proposal for an on-site underground storage facility complete with an automated system to retrieve books. The results of the study will be presented this fall.
- Bookstore study – The physical needs of the bookstore have been determined with the aid of both design and retail consultants. Work is in progress to find a new retail location for the Bookstore.
- Macdonald Campus Student Services Building – A program for a new proposed building for the consolidation of Student Services at the Macdonald Campus was completed. A business case was undertaken with consultants. Students have been involved in the planning process. The project will be reviewed this fall.
- Royal Victoria Hospital Redevelopment – Quebec approved funding of a joint feasibility study with the University in September 2015. A call for tender has begun to engage the management/design team.

SUBCOMMITTEE ACTIVITY

- The Architectural Advisory Sub-Committee – Chaired by Professor David Covo of the School of Architecture, membership includes both McGill staff and outside professionals. The sub-committee meets monthly to review the architectural aspects of McGill projects.
- The Gardens and Grounds Sub-Committee – Chaired by Brian Karasick of the Office of Campus and Space Planning, membership is composed of representatives from McGill units involved in the operation and development of outdoor space as well as McGill students. Many initiatives and projects were reviewed and approved by the sub-committee during 2014/15. Highlights include:
 - Participation in a campus cycling workgroup which has completed its report and presented it to the Provost.
 - Coordinated a workgroup tasked to improve management of the lower campus west field area (with consultant).

- Continuation of a planning exercise (with consultants) to create exterior design guidelines/standards.
- Preparation of an ongoing list of priority project for the exterior campus, to be formalized among stakeholders and ultimately estimated and presented for future funding.
- Integration of the City of Montreal's 'Promenade urbaine' initiative (Also see below).
- The Visual Arts Sub-Committee - Led by Gwendolyn Owens in the capacity of senior advisor, the Visual Arts Group continues to work on a major cataloging of the university's visual arts collection project. (Also see Heritage Inventory project below).

OTHER INITIATIVES

- Heritage Inventory Project – The first stage of the Heritage Inventory project was completed during the session, including approximately 80 separate heritage studies of buildings located within the Downtown Campus and a preliminary heritage classification. Phase 2 is currently underway and will include studies of the remaining Downtown Campus buildings and the Macdonald Campus buildings. Phase 3, to be undertaken during fall 2015, is to include a background report. The studies integrated visual arts features within the buildings. It is intended that the classification component will be updated on a 10 year cycle. No building of less than 40 years of age has been included.
- City of Montreal
 - McTavish Street and Promenade Urbaine - The street infrastructure replacement work on lower McTavish Street has been completed by the City of Montreal as of December 2014. Two additional water mains leading from McTavish Street to Dr Penfield Av. will be repaired in fall 2016. These repairs will affect the northern portion of McTavish, more particularly the access road from McTavish to Dr. Penfield. Lower and upper McTavish Street will be incorporated into the "Promenade Urbaine" project intended to connect the St. Lawrence River to Mt Royal. This initiative will be implemented by the city in preparation of the 375th anniversary of the City of Montreal set for the summer of 2017. In parallel, the University will therefore prioritize, whenever possible, landscaping projects along this street.
 - Rutherford Reservoir – The City continues its work to rehabilitate the reservoir with work completed on the reservoir surface in May 2015. A synthetic surface playing field is to be installed on the reservoir surface next summer. McGill Athletics is involved with this initiative.

THEME DISCUSSIONS

During the session, the Committee focused on a variety of themes of interest to the members. The themes and presentations covered over the past year are summarized below:

a. SPACE: Presentation and discussion on current issues surrounding the use and management of space at McGill, led by the Office of Campus and Space Planning.

Space is one of the major concerns of academic and administrative units. The Office of Campus and Space Planning presented a summary of the current situation and future issues, which included:

- Current space inventory
- Quebec Ministry of Education recognized space deficit
- The large number of small buildings and row houses used by the University
- The large number of heritage buildings
- Options for growth and space replacement

b. **VISION 2020: Presentation and discussion: “Update on Vision 2020 and Related Sustainability Projects” by Julia Solomon of the Office of Sustainability along with Alan Chen of the McGill Spaces Project**

Vision 2020

In its Sustainability Policy, adopted in 2010, McGill sets an aspiration to “achieve the highest possible standards of sustainability on its campuses and in its day-to-day activities through its academic practices, in its facilities and operations, and by its outreach to the broader community.” The Vision 2020 Sustainability Strategy, created through an innovative community engagement process in 2012-2013 and approved in 2014, lays out a framework for turning that aspiration into reality.

The Vision 2020 Sustainability Strategy consists of 1 vision, 23 goals, and 14 priority actions across five categories: Research, Education, Connectivity, Operations and Governance & Administration. These five categories encompass the key ways through which a university can make a difference to society and frame McGill’s sustainability work.

McGill Spaces Project

The McGill Spaces Project (MSP) is a student-led initiative that seeks to critically reimagine McGill’s spaces and places. Through cross-campus collaboration and creative place making, it aims to highlight the rousing potential of underused areas around downtown campus.

c. **LANDSCAPE GUIDELINES: Presentation on the Campus Landscape Guidelines and Development Priorities for Exterior Space by Lorraine Mercier, Director of Design Services, Facilities Management and Ancillary Services**

One of the five Principal’s priorities is Transforming the Campus which includes continuing the program started in 2009 to improve campus greening spaces to develop more exterior student social spaces, and more sustainable landscapes.

The implementation of the new Campus landscape guidelines will strengthen the sense of place, will inspire the learning environment, will beautify the Campus and will present a stronger environment and spirit for McGill University.

The guidelines and standards are intended to aid University administration and designers in defining project scopes. It is critical that project limits be set correctly at the beginning of any project so that project site budgets accurately reflect a project scope that will truly contribute to a cohesive campus rather than a patchwork of individual projects.

**SENATE COMMITTEE ON PHYSICAL DEVELOPMENT (SCPD)
MEMBERSHIP (2014-15)**

- The Associate Vice-Principal (University Services), Chair: Mr. Robert Couvrette
- The Provost or Delegate: Professor Ghyslaine McClure
- The Associate Vice-Principal (Macdonald Campus): Professor Chandra Madramootoo
- The Trenholme Dean of Libraries or delegate: Diane Koen (Delegate)
- The Director – Gault Nature Reserve: Professor Gregor Fussmann

Eight representatives of Senate approved by Senate on the recommendation of Senate Nominating Committee (3-year renewable terms):

- Professor Nik Luka (Architecture, Engineering) – 2015
- Professor Louis Hermo (Anatomy and Cell Biology, Medicine) – 2015
- Professor Gerhard Multhaup (Pharmacology and Therapeutics, Medicine) – 2015
- Ms. Joan Hobbins (Libraries) – 2015
- Ms. Gillian Lane-Mercier (Associate Dean, Arts) – 2015
- Ms. Janice Johnson (Interim Director, Student Housing, McGill Residences) – 2016
- Mr. David Syncox (Graduate Education Officer, Teaching and Learning Services) – 2016
- Professor Alan K. Watson (Plant Science, FAES) – 2017 *Chair, Macdonald Subcommittee on Physical Facilities.*

Four student representatives:

- Graduate: Maria Garcia-Holguera (Agriculture and Environmental Sciences)
- Undergraduate: Courtney Ayukawa (President, SSMU)
- Undergraduate: Amina Moustaqim-Barrette (VP External, SSMU)
- Macdonald Campus: Alexandra Heim (Bio resource Engineering)

Secretary:

Mr. Brian Karasick (Office of Campus & Space Planning); *Chair, Gardens & Grounds Subcommittee*

Resource persons:

- Professor David Covo, School of Architecture ; *Chair, Architectural Advisory Subcommittee;*
- Charles Adler - Director, Office of Campus & Space Planning

**Senate Committee on Physical Development
TERMS OF REFERENCE OF THE COMMITTEE**

As approved by Senate in May 2009

The Committee on Physical Development is a Standing Committee of Senate charged with advising on the nature of physical development as it reflects the academic priorities and needs of the University.

Specific Areas of Responsibility

The Committee shall:

1. Advise Senate on the extent to which major physical development projects on campus reflect the academic plans and priorities of the University as expressed in the principles defining the University's Master Plan. These nine principles are:
 - a. facilitate a dynamic intellectual community
 - b. achieve strategic growth
 - c. reinforce campus identities
 - d. support excellence in research, teaching and learning
 - e. invest in priority service areas
 - f. conserve and build upon strengths of historic buildings and landscapes
 - g. provide appropriate facilities and infrastructure
 - h. improve campus accessibility
 - i. Develop and maintain the campus open spaces for maximum benefit.
2. Consider possible modifications to the Master Planning principles over time.
3. Appoint subcommittees and workgroups that may assist the Committee in carrying out its mandate, and to dissolve them as necessary.
4. Monitor trends in the use, for academic purposes, of facilities, including those not located on the main campuses, to receive reports on these facilities and to advise Senate and the Associate Vice-Principal (University Services) on such matters.
5. Report on the Committee's deliberations and to submit the appropriate recommendations, on behalf of Senate, to the Board of Governors Building and Property Committee.
6. The Committee shall meet at least four times per year and report annually to Senate.

Composition

- The Associate Vice-Principal (University Services) – Chair
- The Provost or delegate
- The Associate Vice-Principal (Macdonald Campus)
- The Director of the Gault Nature Reserve
- The Trenholme Director of Libraries or delegate
- Eight representatives of Senate, approved by Senate on the recommendation of Senate Nominating Committee
- Two undergraduate students
- One graduate student
- One student representative of Macdonald Campus