**OPENING SESSION**

1. Approval of the Agenda
   - Wendy Rodgers
2. Approval of the Open Session Minutes
   - Wendy Rodgers
3. Comments from the Chair (no documents)
   - Wendy Rodgers
4. Welcome and Committee Member Development and Orientation
   - Governance and Committee Mandate including Terms of Reference
   - Capital Projects Planning
   - Marion Haggarty-France
   - Meg Brolley
   - Ben Louie
   - Pat Jansen
   - Lorna Baker-Perri

**ACTION ITEMS**

5. Election of Vice-Chair (no documents)
   - Wendy Rodgers
6. Dentistry Pharmacy Building Core and Shell Redevelopment
   - Design Development Report
   - Pat Jansen
   - Ben Louie
   - Lorna Baker-Perri

**DISCUSSION ITEMS**

7. University of Alberta Botanic Garden: Entry Pavilion and the Diwan at the Aga Khan Garden
   - Substantial Development Community Open House #2
   - Emily Ball
   - Ben Louie
8. Integrated Asset Management Strategy Update (no documents)
   - Andrew Sharman
9. Projects Update from Facilities and Operations (no documents)
   - Pat Jansen
10. Question Period
    - Wendy Rodgers

**INFORMATION REPORTS**

11. Items Approved by the GFC Facilities Development Committee by E-Mail Ballots (no items to date)
    - Wendy Rodgers
12. Information Items Forwarded to Committee Members Between Meetings (no items to date)
    - Wendy Rodgers
CLOSING SESSION

13. Next Meeting: November 21, 2019  Wendy Rodgers


15. Tour of Central Academic Building (CAB) Renovations  Andrew Sharman

Presenter(s):
Wendy Rodgers  Deputy Provost and Chair, GFC FDC
Pat Jansen  Associate Vice-President, Planning and Project Delivery
Marion Haggarty-France  University Secretary
Meg Brolley  Secretary to GFC and Manager of GFC Services
Ben Louie  University Architect
Lorna Baker-Perri  Director, Space Management
Emily Ball  Director, Community Relations
Andrew Sharman  Vice-President (Facilities and Operations)

Documentation was before members unless otherwise noted.

Meeting REGRETS to: Heather Richholt, 780-492-1937, richholt@ualberta.ca
Prepared by: Heather Richholt, Committee Coordinator
University Governance  www.governance.ualberta.ca
OPENING SESSION

1. Approval of the Agenda

   Materials before members are contained in the official meeting file.

   Motion: Ross/Vocioni

   THAT the GFC Facilities Development Committee approve the Agenda.  
   CARRIED

2. Approval of the Open Session Minutes of March 21, 2019

   Materials before members are contained in the official meeting file.

   Motion: Sharman/Ross

   THAT the GFC Facilities Development Committee approve the Open Session Minutes of April 18, 2019. 
   CARRIED

3. Comments from the Chair (no documents)

   Presenter(s): Wendy Rodgers, Deputy Provost and Chair of GFC FDC

   The Chair did not have any comments.

   Mr Sharman noted that the committee would have the opportunity to tour the Central Academic Building (CAB) renovation in the fall.

DISCUSSION ITEMS

Materials before members are contained in the official meeting file.

Presenter(s): Rob Munro, Acting Associate Vice-President, Risk Management Services; James Allen, Associate Vice-President, Operations and Maintenance

Purpose of the Proposal: The purpose of this item is to present the working group’s final report and to advise on progress to date and next steps.

Discussion:
Mr Allen and Mr Munro presented the working report and explained the action plan that was underway to address the recommendations. They spoke about the importance of education and communication regarding safety on campus and noted efforts to connect vulnerable individuals on campus with appropriate social services.

Members expressed questions and comments including, but not limited to: the method of survey distribution and strategies to increase future participation; data available for the other university campuses; the potential to concentrate or centralize after hours bookings on campus so that access was easier to monitor; accessible hours of buildings; relationships and communication between University of Alberta Protective Services (UAPS), and Edmonton Transit and University Hospital Protective Services; and efforts to establish an Edmonton Police Services liaison on North Campus.

5.  Emily Murphy House Renewal (no documents)

Presenter(s): Andrew Sharman, Vice-President (Facilities and Operations)

Discussion:
Mr Sharman presented information about the renewal of Emily Murphy House. He explained the challenges faced with renovation of a designated Heritage Building,

ACTION ITEMS

Materials before members are contained in the official meeting file.

Presenter(s): Andrew Sharman, Vice-President (Facilities and Operations)

Purpose of the Proposal: The University’s executive leadership, the General Faculties Council, and the Board of Governors have all had the opportunity to review, comment, and provide revisions to the guiding principles upon which the Integrated Asset Management Strategy was developed.

The General Faculties Council is being asked to endorse the strategy, which will steer infrastructure decisions across all campuses for the foreseeable future.

Discussion:
Mr Sharman explained that the principles for this strategy came forward to the community and that he was now seeking GFC endorsement of the strategy. He noted that this strategy would guide the difficult decisions that would need to be made regarding the stewardship of university infrastructure.

There was no discussion.

Motion: Ross/Vocioni
THAT the GFC Facilities Development Committee recommend to General Faculties Council the Integrated Asset Management Strategy, as proposed by the Office of the Vice-President (Facilities and Operations) and as set forth in Attachment 1, as the basis for future infrastructure decisions across all campuses. CARRIED

7. Space Management Policy

Materials before members are contained in the official meeting file.

Presenter(s): Andrew Sharman, Vice-President (Facilities and Operations); Logan Mardhani-Bayne, Strategic Development Manager, Office of the Provost and Vice-President (Academic)

Purpose of the Proposal: To recommend updates to the existing Space Management Policy to enhance consistency of language across the University’s policies and procedures dealing with the use of space; the updates are consistent with current practice.

Discussion:
Mr Sharman noted that these updates were meant to clarify responsibilities regarding the use of space on campus.

Members discussed safety and security, increasing awareness of the policy, responsibility for cleaning and maintenance, and the importance of communication with those booking space for events.

Motion: MacIsaac/Vocioni

THAT the GFC Facilities Development Committee recommend to the GFC Academic Planning Committee, the proposed revisions to the Space Management Policy as set forth in Attachment 1, to take effect upon approval. CARRIED

DISCUSSION ITEMS

8. Projects Update from Facilities and Operations (no documents)

Presenter(s): Pat Jansen, Associate Vice-President, Planning and Project Delivery

Mr Jansen presented the following report:

Past Projects – Construction Phase

As noted in our last meeting, there are several larger construction initiatives that involve only infrastructure renewal (and are therefore not submitted to FDC) – Electrical Vault replacement (several sites), Van Vliet shower, locker and washroom renewal, Brain and Aging Research Building mechanical systems, Fine Arts Building mechanical systems.

University of Alberta Botanical Garden (UABG) - Islamic Garden (no change from March meeting): Project is now in warranty phase clean up, consideration still to host an FDC meeting at the UABG later this year, will continue to be reviewed with the Chair for 2019.

Dentistry Pharmacy Building: Continuing with ongoing demolition and detailed core and shell design activities. Based on our last meeting, the Schematic Design Phase has been approved. The project design will advance to Design Development as will the programming; both entities will be presented to FDC later in 2019. There will be some brick harvested from the building along with other materials that may be reused.
Campus Utility Building – Electrical (CUBE): The project has advanced into construction.

In Planning and/or Design Phase

Community Twin Arena (no change from March meeting): the arena Schematic Design phase is complete. The design team will continue to advance the design to the next delivery stage and provide updates to FDC at prescribed intervals - project is awaiting final financial approvals.

Maskwa House: no change, project has reached design development phase (and approved at FDC) - awaiting financial support.

UA Pavilion (Garden and Entry Pavilion): Garden pavilion design has progressed into a construction document phase, the project will be tender ready in June 2019, and construction can only commence pending approval of Capital Expenditure Authorization Request. The entry pavilion (no space programming considerations) is now into a concept design phase with an intention to reach tender ready documents by the fall of 2019. There was good feedback from the April 24, 2019, open house.

Convocation Hall (no change from March meeting): Facilities and Operations is engaged in a detailed building condition assessment and concept development phase for this building, there is no planned change of use but rather a renewal program. Should the project continue to develop the project would be brought forward to FDC at appropriate design milestones.

Other considerations in early planning activities include; Mechanical Engineering; Project Scope Confirmation Report (PSCR) and programming exercise will soon be underway. Structures Lab; design underway. Cameron Library PSCR planning phase.

General Space Programs: Education and Business Faculties in review.

9. Question Period

There were no questions.

INFORMATION REPORTS

10. Items Approved by the GFC Facilities Development Committee by E-Mail Ballots

There were no items.

11. Information Items Forwarded to Committee Members Between Meetings

There were no items.

CLOSING SESSION

12. Meeting Dates for 2019-2020

{Presenter(s): Wendy Rodgers, Deputy Provost and Chair of GFC FDC

The Chair noted that there would be five meetings next year as follows:
- September 26, 2019
- November 21, 2019
- February 13, 2020
- March 19, 2020}
May 21, 2020

13. **Adjournment**

The Chair adjourned the meeting at 2:30 p.m.
1. **Mandate and Role of the Committee**

   The GFC Facilities Development Committee (FDC) is a standing committee of GFC with delegated authority to make recommendations to General Faculties Council and the Board of Governors. The committee reviews and recommends on general space and functional programs, the design and use of facilities, and policies related to facilities and planning.

   In addition, the President, Provost and Vice-President (Academic), and the Vice-President (Facilities and Operations) may refer matters to FDC for consideration or advice.

2. **Areas of Responsibility**

   a. Policy with respect to planning and facilities
   b. General Space Programs for Academic Units
   c. Design and use of all new facilities and repurposing of existing facilities
   d. Other matters within the purview of the committee

3. **Composition**

   **Voting Members (13)**
   - **Ex Officio (5)**
     - Provost and Vice-President (Academic), Chair
     - Vice-President (Facilities and Operations)
     - Vice-President (Academic), Students' Union
     - Vice-President (Academic), Graduate Students' Association
     - Vice-Provost and University Registrar

   - **Elected by GFC (7)**
     - 5 academic staff (A1.0), of which 3 are members of GFC (with no more than one representative from any Faculty); one of whom will be elected by the committee to serve as Vice-Chair for a one year term
     - 1 non-academic staff (S1.0, S2.0)
     - 1 undergraduate student member of GFC

   - **Cross Appointed (1)**
     - 1 academic staff member of the GFC Academic Planning Committee (APC) elected by APC to serve a one year term

   **Non-voting Members**

   - University Architect
   - Associate Vice-President (Facilities and Operations)
   - University Secretary
   - GFC Secretary

4. **Delegated Authority from General Faculties Council and/or the Board of Governors**

   Should be reviewed at least every three years and reported to GFC.

   4.1 To approve proposed General Space Programs for academic units
   4.2 To approve proposals concerning the design and use of all new facilities and the repurposing of existing facilities and to routinely report these decisions for information to the Board of Governors.

   In considering such proposals, FDC may provide advice, upon request, to the Provost and Vice-
5. **Responsibilities Additional to delegated Authority**
FDC is responsible for making recommendations to APC concerning policy matters with respect to the following:

5.1 Planning
   a. Comprehensive facilities development plan
   b. Long Range Development Plan (LRDP)

5.2 Facilities
   a. Planning and use of physical facilities including parking facilities and transportation
   b. Use of land owned or leased by the University
   c. Standards, systems and procedures for planning and designing physical facilities

5.3 Other
   a. Any other matter deemed by FDC to be within the purview of its general responsibility.

To initiate studies and make reports and recommendations on matters within the purview of FDC

6. **Sub-Delegations from GFC Facilities Development Committee**
Should be reviewed at least every three years and reported to GFC.

None.

7. **Limitations to Authority**
The following further refines or places limitations on authorities held by or delegated to FDC:

None.

8. **Reporting to GFC**
The Committee should regularly report to GFC with respect to its activities and decisions.

9. **Definitions**

University Facilities: All lands, buildings, and space owned, operated, or leased by or from the University of Alberta. (as per UAPPOL)

General Space Program: A general space program describes the current state of an academic, research and/or administrative unit's activities in terms of their space needs, including student, staffing and support requirements. A space program includes a space budget that outlines how much space the unit has currently, how much it will require in the near future, and also predicts what amount of space may be required over a long-term planning period. (as per UAPPOL)

Repurposing: Significant changes to the use of a facility, as determined by the Vice-President (Facilities and Operations) or delegate.

Space/Systems Renewal: Upgrades and improvements to space that involve renewed surface finishes and systems improvements. Renewal projects would apply to areas in which there is no change in use and would be used to upgrade large base building system deferred maintenance issues.
in order to support current usage and operation. Examples of renewal include the following: repairs as repainting, replacement of flooring, replacing of piping, replacement of air systems, rebuilding of sidewalks, or upgrading a building envelope. (as per UAPPOL)

Renovation or Alteration: Any physical change to space that relates to more than renewed surface finishes. (as per UAPPOL)

Major Maintenance: Unplanned repairs and replacement that must be accomplished, but that is not funded by normal maintenance resources received in the annual operating budget cycle, and includes significant repairs and building system/component replacement in-kind. Examples include replacement of skylights, fire alarm systems, complete replacement of flooring for a department. (as per UAPPOL)

Repairs: Work to restore damaged or worn-out facilities (e.g., large-scale roof replacement after a wind storm) to normal operating condition. (as per UAPPOL)

Academic Staff: As defined by the [Recruitment Policy (Appendix A) Definition and Categories of Academic Staff, Administrators and Colleagues](#) in UAPPOL

Non-Academic Staff: As defined by the [Recruitment Policy (Appendix B) Definition and Categories of Support Staff](#) in UAPPOL

10. Links

   Planning and Renovation of Existing Facilities Policy
   Long Range Development Plan (LRDP)
   Sector Plans
   Current Construction Projects

Approved by General Faculties Council: October 30, 2017
## Item No. 6

### Governance Executive Summary

**Action Item**

<table>
<thead>
<tr>
<th>Agenda Title</th>
<th>Dentistry Pharmacy Building Core and Shell Redevelopment – Design Development Report</th>
</tr>
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</table>

### Motion

THAT the GFC Facilities Development Committee approve, with delegated authority from General Faculties Council, and on the recommendation of Planning and Project Delivery, the design development report for the Dentistry Pharmacy building as the basis for further planning.

### Item

<table>
<thead>
<tr>
<th>Action Requested</th>
<th>☒ Approval  □ Recommendation</th>
</tr>
</thead>
</table>

Proposed by Andrew Sharman, Vice-President (Facilities and Operations)

**Presenter(s)**
- Pat Jansen, AVP, Planning and Project Delivery, F&O
- Ben Louie, University Architect, OUA, P&PD, F&O
- Lorna Baker-Perri, Director, Space Management, P&PD, F&O

### Details

<table>
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<th>Vice-President (Facilities and Operations)</th>
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The Purpose of the Proposal is To provide members of the Facilities Development Committee with a design resolution for the repurposing and renewal of the Dentistry Pharmacy building under phase one - core and shell.

**Executive Summary**

The repurposing and renewal of the Dentistry Pharmacy building was identified as an institutional priority capital project, to address significant building deficiencies, space use and asset management issues at the centre of North Campus.

Five project drivers and deliverables are identified and supported:
- Facility and resource stewardship
- Space stewardship
- Administrative effectiveness and efficiency
- Academic / institutional branding and recruitment
- Campus crossroads and student life

The project implementation is divided into two specific phases, the core and shell phase (this submission) and the programming and occupant fit-out phase (future submission). This strategy was necessary due to building decant logistics and funding cash flow profiles.

This design development report summarizes planning and design resolution regarding the core and shell phase, including a detailed examination of the conditions and viability of adaptive reuse of the historic structure. That is consistent with the governance approved schematic design report to retain the 1922 wing and to demolish the 1946, 1947 and 1958 wings, (consistent with the sector plan), with a preferred option recommendation for the design and construction of a new north wing.
Item No. 6

<table>
<thead>
<tr>
<th></th>
<th>Preliminary programming space categories were developed to include University and public realm, student success, special character, general office and support services. The result will be a transformation of a prized piece of University of Alberta history into a new campus crossroads, centrally located, easily accessible to the University community, a porous public realm with a presence on 89 Ave Students Blvd, supporting student success, and connected to the rest of the campus in geography, history, purpose, and meaning. This building renewal will give this treasured asset a second life – to serve as a welcoming front door and a main stage of the University on North Campus.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplementary Notes and context</td>
<td>At its meeting of March 21, 2019, GFC FDC approved the schematic design report for the Dentistry Pharmacy Building. During the discussion members expressed several comments and questions, including but not limited to: modern and traditional architecture and concerns about finding the most pleasing balance; the concept of a vertical university; access, open space and light in the design; the plans for &quot;university public realm&quot; space; building code requirements; the potential to incorporate wellness space, including pleasant stairwells; consideration of the people who use the building; the goal to restore as much of the original elements as possible; and honoring the past while also planning and building for the future.</td>
</tr>
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### Engagement and Routing (Include meeting dates)

<table>
<thead>
<tr>
<th>Consultation and Stakeholder Participation</th>
<th>Those who are actively participating:</th>
</tr>
</thead>
</table>
| <For information on the protocol see the Governance Resources section Student Participation Protocol> | - AVP, Planning and Project Delivery, Facilities and Operations  
- Office of the University Architect, Planning and Project Delivery  
- Space Management Office, Planning and Project Delivery  
- Engineering and Technical Services, Planning and Project Delivery  
- Project Management Office, Planning and Project Delivery  
- Operations Building, Operations and Maintenance  
- Buildings, Grounds and Environmental Services, Operations and Maintenance  
- Trade Infrastructure and Maintenance, Operations and Maintenance  
- Energy Management and Sustainable Operations, Utilities  
- Utilities Services – Mechanical, Utilities  
- Utilities Services – Electrical, Utilities |

<table>
<thead>
<tr>
<th>Those who have been consulted:</th>
<th>Those who have been informed:</th>
</tr>
</thead>
</table>
| - AVP, Utilities, Facilities and Operations  
- AVP, Operations and Maintenance, Facilities and Operations. | - Vice-President (Facilities and Operations) |

| Approval Route (Governance) | March 21, 2019 GFC Facilities Development Committee |
### Strategic Alignment

<table>
<thead>
<tr>
<th>Alignment with <em>For the Public Good</em></th>
<th></th>
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<tbody>
<tr>
<td>OBJECTIVE 5: Build and strengthen trust, connection, and a sense of belonging among all members of the university community through a focus on shared values.</td>
<td></td>
</tr>
<tr>
<td>OBJECTIVE 6: Build and support an integrated, cross-institutional strategy to demonstrate and enhance the University of Alberta’s local, national, and international story, so that it is shared, understood, and valued by the full University of Alberta community and our many stakeholders.</td>
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<td>OBJECTIVE 16: Enhance, increase, and sustain reciprocal, mutually beneficial community relations, community engagement, and community-engaged research and scholarship that will extend the reach, effectiveness, benefit, and value of our university-community connections.</td>
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<td>OBJECTIVE 20: Continue to build and support an integrated approach to social, economic, and environmental sustainability that incorporates teaching and learning, research, outreach, capacity building, and the operations that support them.</td>
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<td>OBJECTIVE 21: Encourage continuous improvement in administrative, governance, and risk management systems, procedures, and policies that enable students, faculty, staff, and the institution as a whole to achieve shared strategic goals.</td>
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<tr>
<td>OBJECTIVE 22: Secure and steward financial resources to sustain, enhance, promote, and facilitate the university’s core mission and strategic goals.</td>
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<tr>
<td>OBJECTIVE 23: Ensure that the University of Alberta’s campuses, facilities, utility, and information technology infrastructure can continue to meet the growth needs and strategic goals of the university.</td>
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| Aligns with the Integrated Asset Management Strategy | Aligns with fourteen principles regarding Student Success, Life Experience, Research and Scholarship, Asset Management, Campus Character and Decision Making. |
Also aligns with the goals of strengthening campus planning process and outputs to consider further events, innovation and risks; meeting end-users’ space needs while enabling a positive experience.

Optimizing operations to strategically re-invest funding to maintenance programs and/or capital renewal effects to better manage the growing deferred maintenance budget, the renewal, repurposing and end-stage of assets or their components will inform decision as part of an integrated process.

<table>
<thead>
<tr>
<th>Alignment with Institutional Risk Indicator</th>
<th>Please note below the specific institutional risk(s) this proposal is addressing.</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ Enrolment Management</td>
<td>☒ Relationship with Stakeholders</td>
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<td>☒ Faculty and Staff</td>
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<tr>
<td>☒ Funding and Resource Management</td>
<td>☐ Reputation</td>
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<td>☐ IT Services, Software and Hardware</td>
<td>☐ Research Enterprise</td>
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<td>☐ Safety</td>
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<td>UAPPOL Space Management Policy and Procedure</td>
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Attachments:
1. [Dentistry Pharmacy Building Core & Shell Redevelopment Development Design Report Volume 1](#) (136 pages)
2. [Dentistry Pharmacy Building Core & Shell Redevelopment Development Design Report Volume 2](#) (150 pages)

Prepared by:
Ben Louie, University Architect
Office of University Architect, Planning and Project Delivery
ben.louie@ualberta.ca
## Governance Executive Summary

**Advice, Discussion, Information Item**

### Agenda Title

**University of Alberta Botanic Garden: Entry Pavilion and the Diwan at the Aga Khan Garden, Alberta – Substantial Development Community Open House #2**

### Item

**Proposed by**
Andrew Sharman, Vice-President (Facilities and Operations)

**Presenters**
Emily Ball, Director, Community Relations, Government and Community Relations, University Relations
Ben Louie, University Architect, Planning and Project Delivery, Facilities and Operations

### Details

<table>
<thead>
<tr>
<th>Responsibility</th>
<th>Vice-President (Facilities and Operations)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Purpose of the Proposal is Design Development</strong></td>
<td>To provide members of the Facilities Development Committee with the open house presentation material of the proposed site options for the Entry Pavilion and the Diwan, and the resulting community feedback.</td>
</tr>
<tr>
<td><strong>Executive Summary</strong></td>
<td>The Entry Pavilion building will function as a welcome centre at the entry point of the garden where visitors are greeted, can purchase admission tickets, and receive general orientation to the various programs and activity areas in the garden. This welcoming garden gatehouse will provide shelter from the weather as a waiting area, as well as a gift shop, and a modest food service outlet with indoor and patio seating.</td>
</tr>
<tr>
<td></td>
<td>The proposed design of the Diwan (Pavilion) at the Aga Khan Garden, was presented to the members of the GFC FDC, on September 27, 2018 and on April 24, 2019, shall function as a multi-purpose gathering/event space.</td>
</tr>
<tr>
<td></td>
<td>In accordance to University of Alberta Long Range Development Plan, substantial development (Appendix XVIII), two community engagement opportunities are required concerning any proposed development. The second open house took place on June 25, 2019.</td>
</tr>
<tr>
<td></td>
<td>Presentation boards include site locations and also design development where feedback from the first open house were considered for both the Entry Pavilion and Diwan at the Aga Khan Garden.</td>
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<td>Positive feedback from the second open house from owners of land within 60 meters of proposed projects is appended. The anticipated construction start date for the Entry Pavilion is September, 2019. The construction start for the Diwan is still to be established.</td>
</tr>
<tr>
<td><strong>Supplementary Notes and context</strong></td>
<td><em>The presentation material for the first open house was provided and discussed at GFC FDC’s meeting of March 21, 2019. During the discussion members provided feedback on how best to reference the community consultation requirement of the LRDP and the key takeaways.</em></td>
</tr>
</tbody>
</table>

### Engagement and Routing

**Include proposed plan**

**Consultation and Stakeholder Participation**

*Those who have been informed:*
- Dean, Faculty of Agricultural, Life and Environmental Sciences
### Item No. 7

<table>
<thead>
<tr>
<th>Those who have been consulted:</th>
<th>Those who are actively participating:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Aga Khan Trust for Culture (AKTC)</td>
<td>- Director, University of Alberta Botanic Garden</td>
</tr>
<tr>
<td>- Associate Vice-President, Planning and Project Delivery</td>
<td>- General Manager and staff, University of Alberta Botanic Garden</td>
</tr>
<tr>
<td>- Office of Advancement</td>
<td>- Office of the University Architect, Planning and Project Delivery</td>
</tr>
<tr>
<td></td>
<td>- Project Management Office, Planning and Project Delivery</td>
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<tr>
<td></td>
<td>- Government and Community Relations Office, University Relations</td>
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**Strategic Alignment**

**Alignment with For the Public Good**

OBJECTIVE 6: Build and support an integrated, cross-institutional strategy to demonstrate and enhance the University of Alberta’s local, national, and international story, so that it is shared, understood, and valued by the full University of Alberta community and our many stakeholders.

OBJECTIVE 16: Enhance, increase, and sustain reciprocal, mutually beneficial community relations, community engagement, and community-engaged research and scholarship that will extend the reach, effectiveness, benefit, and value of our university-community connections.

OBJECTIVE 20: Continue to build and support an integrated approach to social, economic, and environmental sustainability that incorporates teaching and learning, research, outreach, capacity building, and the operations that support them.

OBJECTIVE 21: Encourage continuous improvement in administrative, governance, and risk management systems, procedures, and policies that enable students, faculty, staff, and the institution as a whole to achieve shared strategic goals.

OBJECTIVE 22: Secure and steward financial resources to sustain, enhance, promote, and facilitate the university’s core mission and strategic goals.

OBJECTIVE 23: Ensure that the University of Alberta’s campuses, facilities, utility, and information technology infrastructure can continue to meet the growth needs and strategic goals of the university.

Please note below the specific institutional risk(s) this proposal is addressing.

- ☐ Enrolment Management
- ☐ Faculty and Staff
- ☒ Funding and Resource Management
- ☐ IT Services, Software and Hardware
- ☐ Leadership and Change
- ☒ Physical Infrastructure
- ☐ Relationship with Stakeholders
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Attachment:

1. University of Alberta Botanic Gardens: Diwan at the Aga Khan Garden, Alberta & Entry Pavilion Open House #2, June 25, 2019 (pages 1 - 9)

2. Public Information Open House University of Alberta Botanic Garden Entry Pavilion and Diwan at the Aga Khan Garden, Tuesday, June 25, 2019 (pages 1-2)

Prepared by:
Ben Louie, University Architect
Office of University Architect, Planning and Project Delivery
ben.louie@ualberta.ca
WELCOME

UNIVERSITY OF ALBERTA BOTANIC GARDEN:
DIWAN AT THE AGA KHAN GARDEN, ALBERTA
& ENTRY PAVILION

OPEN HOUSE #2

JUNE 25, 2019 • 5:00 TO 8:00 PM

University of Alberta representatives are on hand to answer your questions. Please fill out the evaluation form.
The proposed DIWAN at the Aga Khan Garden and the University of Alberta Botanic Garden ENTRY PAVILION are substantial developments and tonight is the second of two open house and opportunity for our stakeholders to review preliminary designs.

WHY ARE WE HERE?

- To have an opportunity to meet with U of A representatives and ask questions about the proposed Diwan at the Aga Khan Garden and the University of Alberta Botanic Garden Entry Pavilion project.
- To provide feedback on the proposed Diwan at the Aga Khan Garden and the University of Alberta Botanic Garden Entry Pavilion projects.
- To fulfill the consultation requirements of Appendix 18 of the Long Range Development Plan (LRDP) which indicates that when the U of A undertakes a substantial development it will hold two open houses: the first open house to show site options and conceptual plans, the second open house to show preliminary design.

ABOUT THE UNIVERSITY OF ALBERTA BOTANIC GARDEN (UABG)

The University of Alberta Botanic Garden (UABG) is a unit of the Faculty of Agricultural, Life and Environmental Sciences at the University of Alberta. The mission of the University of Alberta Botanic Garden is to inspire connections between plants and people through curated collections, innovative education, research, conservation and experiences.

The University of Alberta Botanic Garden (formerly the Devonian Botanic Garden) is a stunning 97 hectare (240-acre) property located in Parkland County, 15 minutes southwest of Edmonton, with cultivated gardens and plant collections, indoor showhouses, and extensive natural areas. It is also an award-winning visitor attraction, a research site, and home to year-round adult and children’s education programming.

Construction of the new Aga Khan Garden, Alberta, was completed in June, 2018. The 4.8 hectare Mughal-inspired garden, made possible by a gift from His Highness the Aga Khan, features secluded forest paths, granite and limestone terraces, still pools that reflect the prairie sky, waterfalls and streams. Fruit orchards extend around the large Calla Pond, and the garden contains more than 25,000 trees, shrubs, perennials, annuals and wetland plants. This spectacular new garden is expected to draw visitors from around the world.

Other highlights of the University of Alberta Botanic Garden, which was established in 1959, include the Kurimoto Japanese Garden; a Tropical Showhouse with exotic butterflies; Temperate and Arid Showhouses; alpine, herb, rose, lilac, lily and primula collections; Indigenous Garden; trial beds and much more. The Garden’s collections include a wide diversity of plants, with an emphasis on plants suitable for a cold northern climate, including ornamentals, fruits, vegetables, trees and shrubs.

RESEARCH AT THE UABG

Along with public education and display gardens, research at the garden is an important activity. Through all of its activities, the University of Alberta Botanic Garden aims to share the discovery and knowledge of plants.

The University of Alberta Botanic Garden has been the site of research on topics as diverse as fungal associations, mosses, forest fires, bat and frog monitoring, oil sands and wetland reclamation, and getting children to appreciate the outdoors through dramatic play. The garden is part of a global network of botanic gardens working to understand and preserve biodiversity, and has partnered in the Millennium Seed Bank at Kew Gardens in England, the largest plant conservation project in the world.

As well as being a site for research projects, the UABG also provides support for research activities, including:
- Plant Trial Evaluations for the horticulture industry
- Sharing of plant materials to support research activities in other botanic gardens around the world
- Canola Council of Canada
- Alberta Canola Producer’s Commission (ACPC)
- Prairie Urban Farm
- Green and Gold Garden
CONCEPTUAL PLAN

The sector plan for the University of Alberta Botanic Garden (formerly Devonian Botanic Garden) develops a long-term version for how the garden can continue to grow and evolve over the next twenty years to support both the goals of the garden and the university’s broader goals and objectives. Since the establishment of the garden, it has undergone steady growth, expansion, and evolution in both its exhibits and its programming. Continued growth in attendance, the development of the Aga Khan Garden, and future development of the Diwan and Entry Pavilion will continue to transform the garden.

The plan below is a conceptual framework that identifies the ideas and opportunities that will guide development over time, as resources become available.

MAY 3, 2019
OPEN HOUSE #1

FEEDBACK:

DIWAN
WHAT WE HEARD:
• Well done overall; good sense of scale and options.
• The schematic site design is well thought out to maximize the pros with the least cons ... per how much space, configuration were available for the Diwan’s usage.
• Gives a good sense of the concepts and site ways.

UNIVERSITY’S RESPONSE:
No additional comments.

ENTRY PAVILION
WHAT WE HEARD:
• Great choices for B1. B2 just does not work well after seeing it last season.
• Like Site Option B1
• Looking forward to more detailed plans.
• Pick B2 - keep the green space free of built environment.

UNIVERSITY’S RESPONSE:
Project team developed Option B3 to meet functional requirements and minimize impact to green space.

PROJECT A - DIWAN
An all-seasons multi-purpose gathering place to support program activities in the Aga Khan Garden.

PROJECT B - ENTRY PAVILION
A garden gatehouse where visitors are greeted, purchase admission tickets, and receive general orientation to the various programs and activity areas in the garden.
DIWAN PAVILION, DESIGN DEVELOPMENT

**DESIGN DEVELOPMENT SITE DESIGN**

The Design Development builds on all of the elements identified and shown at Open House #1 Schematic Design. The design supports and enhances the internal program layout and makes integral the relationships to both the garden and access entry sequence from the south.

**Pros:**
- Existing roadway and turn-around loop incorporated simplifying site drainage concepts, feasibility issues and reducing environmental impacts
- Proposed service court shared with garden utility service court but detailed in a manner to allow functional seasonal expansion use in close adjacency with the major internal event space
- Future seasonal expansion is not precluded to the south

**Cons:**
- Two service courts required although second court to east is minimized to support internal catering requirements

**PROGRAMMING**

The Diwan will provide an all-seasons multi-purpose gathering space to support year-round program activities that can proceed irrespective of the weather, such as:
- Conferences and seminars
- Classes
- Musical performances
- Weddings
- Children’s programs

The Diwan complete, support, and harmonize with the Aga Khan Garden. The programming space is modular enough that public use of the garden is not compromised significantly when a private function is underway in the Diwan, yet, Diwan participants can stream out into the Aga Khan Garden on breaks, or before and after events.

The Diwan is an important size, seating up to 470 for musical performances, matching the Amphitheatre just 80m away. Rain or cold can force rapid relocation of instruments, brides, thespians, classes, lecturers and their crowds to shelter within the Diwan.

Access for mobility impaired visitors is facilitated by a loop drive that delivers them directly to the Diwan.

There will be an additional tenting area, attached to the sides of the Diwan, for food, music, overflow dancing, displays, demonstrations, or plant shows.
The design solution for the Diwan draws inspiration from the rich architectural heritage of the Islamic world, as well as from impressions gained visiting diverse Islamic Gardens. These distilled qualities guide, in part, the design of a contemporary pavilion in the Canadian Prairies which aspires towards the human scale, detail, and climate-responsiveness of its predecessors. It shall have a presence animated by light and shadow – a lantern for the Aga Khan Garden.
ENTRY PAVILION, DESIGN DEVELOPMENT

PROGRAM DESCRIPTION
The Entry Pavilion is a welcome centre at the entry point of the garden where visitors are greeted, purchase admission tickets and receive general orientation to the various programs and activity areas in the garden. In addition, this garden gatehouse would provide shelter from the weather as a waiting area, equipped with a modest food service outlet, patio and indoor seating and gift shop functions. The design of this simple structure will need to be adaptable to expanding or reduced functional requirements in response to changing weather conditions and seasonal changes in garden programs.

PREFERRED SITE OPTION B3 (NEW)
- Most suitable to support a range of functional requirements from summer to fall season.
- Good visibility for passenger drop off and pick up.
- Pavilion acts as a welcoming gateway
- Best option to provide a large patio area for outdoor seating.

FORMER SITE OPTION B1
- Free standing pavilion with sun exposure from east, south and west
- Convenient for passenger drop-off
- Ample space for queuing
- Good visibility for passenger pick up
- Situated at confluence of four entry paths to various gardens

FORMER SITE OPTION B2
- Built on location of current temporary pavilion at Leaf Plaza
- Closer to classrooms and administration area to the south
- Free standing pavilion with exposure primarily to the north and west
- Convenient for passenger drop-off
- Less space for queuing
- Good visibility for passenger pick up
- Limited patio dining opportunity
The design solution of the Entry Pavilion is the result of balancing and integrating functional requirements with capital and operational resource realities.

The pavilion-in-a-park building typology is interpreted and reinforced architecturally through careful articulation of the inter-relationship between the building interior and exterior patio areas, while enhancing visitors’ experience through natural light, views, building material, and also volume and character of space.

Poetically, this garden structure suggests the gentle lightness of a falling leaf onto the Leaf Plaza, suspended in mid air to provide shelter from the elements while expressing a gesture of hospitality to visitors.”
PRELIMINARY SCHEDULE

April 24 to May 3, 2019
Community feedback

June 25 to July 5, 2019
Community feedback

Construction Phase

ENTRY PAVILION Completion

DIWAN Completion (TBD)

THANK YOU FOR COMING

Please submit your completed evaluations in the box provided.
Should you have comments to submit after the open house, please visit:
www.communityrelations.ualberta.ca
We will receive comments until July 5, 2019
1. Please circle the description below that best portrays you:

![Bar Chart](image)

2. If you chose “Other” above, please let us know about yourself:

   Docent, Garden volunteer, Friends of the Garden

3. Please check the age category that you are in.
4. How did you hear about this open house?
5. Did the material that was presented help you understand the Entry Pavilion and Diwan at the Aga Khan Garden to be located at the University of Alberta Botanic Garden?

6. Did the material that was presented help you understand what the preliminary designs are for the Entry Pavilion and Diwan at the Aga Khan Garden?

7. Please provide your impressions regarding the following:
Board #2 – Background information about the Open House, Entry Pavilion and Diwan at the Aga Khan Garden to be located at the University of Alberta Botanic Garden:

- Excellent information on the overall development of the garden - all-inclusive from past to future.
- Good overview.
- Beautiful designs, both purposeful and user friendly which will have major impact on all those who use facilities for years to come.
- Background info was good; a model would have helped visualization.

Board #3 – Information about The University of Alberta Botanic Garden conceptual plan and feedback from the first open house:

- Very informative - well explained as to what the vision is.
- Somewhat. It would be more helpful to have choices B1, B2 and B3 on the board for clarity.
- Did not attend.

Boards #4, 5, and 6 – Information regarding the proposed programming for the Diwan Pavilion, the design development plan, the exterior and section renderings:

- Great! The floor plans could be a bit larger but overall easy to imagine and see what the design is.
- Yes. B3 seems best assuming power/water/sanitation can be accessed easily. Access road is nice. Gives flexibility.
- Lots of great ideas and options for numerous ways to utilize the space. Potential for further expansion in/out and greater all season usage.

Boards #7 and 8 – Information about the Entry Pavilion program description, design development plan and section renderings:

- More detailed rendering and info on the entry would have been nice. I questioned the feasibility of a separate entrance for weddings, large groups etc. The architect explained that this is addressed in the plans.
- Looks great. In the right direction.
- Gorgeous leaf design with open concepts and wonderful eating space, gift shop, entry etc… Preferred location in centre makes more sense!
- Believe that the building should be viewed as being 4-season useable facility with heating and air conditioning considered. The west window walls, maybe extra attention with transition glass and a window covering.

8. Please provide any further comments about the Entry Pavilion and Diwan at the Aga Khan Garden to be located at the University of Alberta Botanic Garden:
• Overall, it is exciting to see the garden evolving and expanding. It's inclusive and multi-cultural spaces are wonderful and can be utilized and appreciated by everyone. Great job!!!
• Looking forward to the winter aspects of the facilities. Love the outdoor seating under cover.
• Need to have diversity of staff and volunteers to reflect diversity of Edmonton populations and reach out to larger ethnic communities to encourage usage and participations in this jewel of Edmonton.
• Knowledgeable staff who were happy to answer any questions.
• For both buildings consider solar/heat pump usage, considering how long the gardens will be here can the U of A show forethought on these projects?