OPENING SESSION

1. Approval of the Agenda
   - Wendy Rodgers

2. Approval of the Open Session Minutes of February 14, 2019
   - Wendy Rodgers

3. Comments from the Chair (no documents)
   - Wendy Rodgers

ACTION ITEMS

4. Dentistry Pharmacy Building Core and Shell Redevelopment - Schematic Design Report
   - Andrew Sharman
   - Ben Louie
   - Pat Jansen
   - Lorna Baker Perri

DISCUSSION ITEMS

5. University of Alberta Botanic Garden: Entry Pavilion and the Diwan at the Aga Khan Garden, Alberta - Substantial Development Community Open House #1
   - Lee Foote
   - Ben Louie
   - Emily Ball

6. Projects Update from Facilities and Operations (no documents)
   - Pat Jansen

7. Question Period
   - Wendy Rodgers

INFORMATION REPORTS

8. Items Approved by the GFC Facilities Development Committee by E-Mail Ballots (no items to date)
   - Wendy Rodgers

9. Information Items Forwarded to Committee Members Between Meetings (no items to date)
   - Wendy Rodgers

CLOSING SESSION

10. Next Meeting: April 18, 2019
    - Wendy Rodgers

11. Next General Faculties Council Meeting: April 29, 2019
    - Wendy Rodgers

Presenter(s):
Andrew Sharman  Vice-President (Facilities and Operations)
Ben Louie  University Architect, Facilities and Operations
Pat Jansen                Associate Vice-President, Planning and Project Delivery, Facilities and Operations
Lorna Baker Perri       Director, Space Management, Facilities and Operations
Emily Ball               Director, Community Relations, University Relations
Lee Foote                Director, University of Alberta Botanic Garden, Faculty of Agricultural, Life and Environmental Sciences

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: Sharman/Ross

   THAT the GFC Facilities Development Committee approve the Agenda.  
   CARRIED

2. Approval of the Open Session Minutes of September 27, 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 September 27, 2019.  
   CARRIED

3. Comments from the Chair (no documents)

   The Chair noted the recent launch of the Equity, Diversity, and Inclusion (EDI) Strategic Plan and indicated that there were copies available for members to take.

ACTION ITEMS

4. Faculty of Rehabilitation Medicine - Functional Program

   Materials before members are contained in the official meeting file.

   Presenter(s): Robert Haennel, Dean, Rehabilitation Medicine; Janet Koshuta, Principle, HFKS Architects Ltd.
Purpose of the Proposal: The proposal is before the committee because it seeks approval for further planning for the Faculty of Rehabilitation Medicine (FRM).

Dr Haennel explained the challenges faced by the Faculty about space limitations and noted that they were currently using all available space. He further noted that Alberta Health Services (AHS) had indicated concerns with potential shortages of Rehabilitation Medicine professionals that could impact program capacities in the future.

Ms Koshuta indicated the considerations used for planning purposes, the intention to keep Corbett Hall as academic and administrative space, and the key growth areas: interdisciplinary clinic space, flexible instructional space, and wet bench research labs.

Discussion:
Members asked questions and expressed opinions including but not limited to: the availability and flexibility of space in Edmonton Clinic Health Academy and the Clinical Sciences Building (CSB); the need for technical support in classrooms and labs; the Faculty of Rehabilitation Medicine's effective use of current space; the AHS's 30-year plan for the Walter Mackenzie Health Sciences Centre; and the potential to provide a physical link between Corbett Hall to CSB.

Motion: MacIsaac/Sharman

That the GFC Facilities Development Committee approve, under delegated authority from General Faculties Council and on the recommendation of Planning and Project Delivery, the proposed Faculty of Rehabilitation Medicine – Functional Space Program (as set forth in Attachment 1) as the basis for further planning.

CARRIED

DISCUSSION ITEMS

5. Asset Management Strategy - Guiding Principles
Materials before members are contained in the official meeting file.

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

Purpose of the Proposal: To introduce the entire university community to the guiding principles upon which all decisions related to the management of the institution’s infrastructure assets are made.

Mr Sharman outlined the guiding principles as: Student Success and Life Experience, Asset Management, Campus Character, and Decision-Making.

Discussion:
Members discussed balancing the concerns of the Faculties with those of the wider university, commitments to donors, and the implications of the new budget model on space. Members noted the importance of building codes, safety and security, accessibility, EDI concerns, the EDI Strategy's guidelines, and discussed the university's responsibility to the public good - beyond the campus community. Members asked about available space and scheduling, and how decisions related to space were communicated to the university community.

6. CUBE South Campus Utility Building (no documents)

Presenter(s): Ben Louie, University Architect, Office of the Vice-President (Facilities and Operations); Kelly Hopkin, Manager, Campus Architecture, Planning and Project Delivery (Facilities and Operations)
Discussion:
Mr Hopkin presented an overview of the utility building and noted that while it would not be occupied, it would be regularly serviced and monitored.

Members asked about the building's design and functionality and discussed security concerns.

7. Projects Update from Facilities and Operations (no documents)
Presenter(s): Pat Jansen, Associate Vice-President, Planning and Project Delivery (Facilities and Operations)

Mr Jansen gave the following update:

Past Projects – Construction Phase:

We are in a transition phase between design and construction initiatives, throughout 2018 many major construction projects were completed, as such limited project listings are currently underway.

UA Botanical Garden (UABG) - Islamic Garden: Project is now in warranty phase clean up, consideration still to host a FDC meeting at the UABG, will continue to be review with the Chair for 2019 (tracker).

Dentistry Pharmacy: Continuing with ongoing demolition and detailed core and shell design activities. Design consultants are busy in preparation of current concept development phase; programming, schematic and design development phases will be forwarded to the committee throughout 2019.

As a reminder and based on funding and current occupancies, the projects phasing extends over several years with FDC governance related to design being concluded within 2019.

Campus Utility Building – Electrical; CUBE; as noted in today's presentation, the occupancy is a shell building on south campus to house basic electrical switch gear, project will advance into construction this spring.

In Planning and/or Design Phase:

Community Twin Arena: the arena Schematic Design phase is now complete. The design team will continue to advance the design to the next delivery stage and provide updates to the FDC at prescribed intervals - project awaiting final financial approval.

Maskwa House: no change, project has reached design development phase - awaiting financial support.

UA Diwan Pavilion (Garden): Pavilion design has progressed to the Design Development phase, will move into construction documentation this spring. More information will come to the committee next month.

Convocation Hall: Facilities & 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 as to FDC at appropriate design milestones.

Other considerations in early pre-planning activities include:

Mechanical Engineering; project scope confirmation report (PSCR) and programming exercise will soon be underway Structures Lab; PSCR completed, in review to advance to next design phase.

Functional Program – Rehabilitation Medicine – as presented today.
General Space Program – Education, and Medical Sciences Building

8. Question Period
There were no questions.

INFORMATION REPORTS

9. Items Approved by the GFC Facilities Development Committee by E-Mail Ballots
There were no items.

10. Information Items Forwarded to Committee Members Between Meetings
There were no items.

CLOSING SESSION

11. Adjournment
The Chair adjourned the meeting at 3:00 p.m.
## Governance Executive Summary

### Agenda Title

| Dentistry Pharmacy Building Core and Shell Redevelopment – Schematic Design Report |

### 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 schematic design report for the Dentistry Pharmacy building as the basis for further planning.

### Item

<table>
<thead>
<tr>
<th>Action Requested</th>
<th>☒ Approval</th>
<th>☐ Recommendation</th>
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<td></td>
<td>Pat Jansen, AVP, Planning and Project Delivery, F&amp;O</td>
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<td></td>
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<tr>
<td>The Purpose of the Proposal is <em>(please be specific)</em></td>
<td>To provide members of the Facilities Development Committee with a summary of the project that will see the repurposing and renewal of the Dentistry Pharmacy Building under Phase 1 - Core and Shell.</td>
</tr>
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</table>
| Executive Summary *(outline the specific item – and remember your audience)* | 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 schematic design report summarizes planning and design explorations to date regarding the core and shell phase, including a detailed examination of the conditions and viability of adaptive reuse of the historic structure. The report culminates with a recommendation 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.  
  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. It is an overdue operation to give this treasured building a second life – to serve as a welcoming front door and a main stage of the University on North Campus.

Construction activities will begin in April 2019.

<table>
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<th>Engagement and Routing (Include meeting dates)</th>
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<td>Consultation and Stakeholder Participation</td>
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<tr>
<td>(parties who have seen the proposal and in what capacity)</td>
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<tr>
<td>&lt;For information on the protocol see the Governance Resources section Student Participation Protocol&gt;</td>
</tr>
<tr>
<td>Those who are actively participating:</td>
</tr>
<tr>
<td>• AVP, Planning and Project Delivery, Facilities and Operations</td>
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<tr>
<td>• Office of the University Architect, Planning and Project Delivery</td>
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<tr>
<td>• Space Management Office, Planning and Project Delivery</td>
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<td>• Design and Technical Services, Planning and Project Delivery</td>
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<tr>
<td>• Project Management Office, Planning and Project Delivery</td>
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<tr>
<td>Those who have been consulted:</td>
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<tr>
<td>• AVP, Utilities, Facilities and Operations</td>
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<td>Those who have been informed:</td>
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<td>• Vice-President (Facilities and Operations)</td>
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| Approval Route (Governance) (including meeting dates) |

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<td>1. OBJECTIVE: Build a diverse, inclusive community of exceptional undergraduate and graduate students from Edmonton, Alberta, Canada, and the world.</td>
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<td>iv.Strategy: Ensure that qualified undergraduate and graduate students can attend the university through the provision of robust student financial support.</td>
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<td>5. OBJECTIVE: Build and strengthen trust, connection, and a sense of belonging among all members of the university community through a focus on shared values.</td>
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Item No. 4

i. Strategy: Support and enhance activities, initiatives, and traditions that bond alumni, students, staff, faculty, and professors emeriti to the university.

ii. Strategy: Celebrate and support diversity and inclusivity.

iii. Strategy: Identify and increase opportunities to engage alumni and volunteers as valued advisers, mentors, volunteers, and interested constituents.

iv. Strategy: Appreciate and value the different roles staff, students, post-doctoral fellows, and faculty play on our campuses so that the institution as a whole can further benefit from their diverse skills, perspectives, and experiences.

v. Strategy: Foster trust through mutually respectful dialogue between individuals, faculties, departments, administrative units, and campuses, and create opportunities to learn from each other’s cultural variations.

vi. Strategy: Encourage and support institution-wide initiatives, services, and programs, such as arts and cultural activities, intramurals, student groups, volunteering, clubs, and centres, which bring students from all faculties into community with each other.

6. OBJECTIVE: 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.

i. Strategy: Discover an institution-wide, comprehensive brand platform (reputation, identity, image, and component stories) around the core institutional narrative: its promise, its mission, and its impact.

EXPERIENCE...

Experience diverse and rewarding learning opportunities that inspire us, nurture our talents, expand our knowledge and skills, and enable our success.

8. OBJECTIVE: Create and facilitate co-curricular and extracurricular learning experiences for undergraduate and graduate students that enable their self-discovery and give them the skills to use their talents, creativity, and curiosity to contribute as future citizens and leaders.

ii. Strategy: Expand and encourage student mentorship programs

EXCEL...

Excel as individuals, and together, sustain a culture that fosters and champions distinction and distinctiveness in teaching, learning, research, and service.

11. OBJECTIVE: Advance the University of Alberta’s reputation for research excellence by pursuing fundamental and original questions and ideas, pushing the frontiers of knowledge, inspiring creative experimentation, driving innovation, and advancing society.
### Item No. 4

| i. Strategy: Encourage and champion achievements in a broad base of fundamental and applied research, scholarship, and creative activities. |
| ii. Strategy: Support a culture of creativity, innovation, and entrepreneurship among students, faculty, and staff where contributions to all sectors of society are rewarded, valued, and celebrated. |
| iii. Strategy: Nurture, enable, and reward public intellectuals |
| iv. Strategy: Advance the University of Alberta’s reputation for excellence in research through a co-ordinated recognition, awards, and honours program. |

**ENGAGE…**

Engage communities across our campuses, city and region, province, nation, and the world to create reciprocal, mutually beneficial learning experiences, research projects, partnerships, and collaborations.

16. **OBJECTIVE:** 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.

| i. Strategy: Identify and embrace opportunities to build, strengthen, and extend the University of Alberta’s connections to and engagement with external stakeholders, including the general public, neighbouring communities, ethnic and cultural communities, and other communities of practice. |
| iii. Strategy: Engage with government, community, industry, business, and the post-secondary sector to address shared local, provincial, national, and global challenges. |
| iv. Strategy: Continue to build mutually beneficial, authentic relationships with donors and alumni. |
| v. Strategy: Welcome increased community access, participation, and engagement at all University of Alberta sites. |

17. **OBJECTIVE:** Facilitate, build, and support interdisciplinary, cross-faculty, and crossunit engagement and collaboration.

| i. Strategy: Identify and remove systemic barriers to interdisciplinarity, and where necessary, expand or create policies resources, infrastructure, and strategies to encourage and reward academic and administrative partnerships and collaborations. |

**SUSTAIN…**

Sustain our people, our work, and the environment by attracting and stewarding the resources we need to deliver excellence to the benefit of all Albertans.

20. **OBJECTIVE:** 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.
ii. Strategy: Embed social, economic, and environmental sustainability into the development and care of the university’s indoor and outdoor spaces.

iii. Strategy: Enhance awareness of the university’s environmental sustainability features, practices, and resources across University of Alberta campuses and external communities.

21 OBJECTIVE: 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.

iv. Strategy: Facilitate easy access to and use of university services and systems, reduce duplication and complexity, and encourage cross-institutional administrative and operational collaboration.

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

i. Strategy: Seek and secure resources needed to achieve and support our strategic goals.

iii. Strategy: Ensure responsible and accountable stewardship of the university’s resources and demonstrate to government, donors, alumni, and community members the efficient and careful use of public and donor funds.

23. OBJECTIVE: 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.

i. Strategy: Secure and sustain funding to plan, operate, expand, renew, and optimize the use of campus infrastructure to meet evolving teaching and research priorities.

Alignment with Institutional Risk Indicator

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
☐ Reputation
☐ Research Enterprise
☐ Safety
☒ Student Success

Legislative Compliance and jurisdiction

Post-Secondary Learning Act (PSLA):

The PSLA gives GFC responsibility, subject to the authority of the Board of Governors, over academic affairs (Section 26(1)) and provides that GFC may make recommendations to the Board of Governors on a building program and related matters (Section 26(1) (o)).

Section 18(1) of the PSLA give the Board of Governors the authority to make any bylaws "appropriate for the management, government and control of the university buildings and land."
Section 19 of the Act requires that the Board “consider the recommendations of the general faculties council, if any, on matters of academic import prior to providing for (a) the support and maintenance of the university, (b) the betterment of existing buildings, (c) the construction of any new buildings the board considers necessary for the purposes of the university [and] (d) the furnishing and equipping of the existing and newly erected buildings [...]”

Section 67(1) of the Act governs the terms under which university land may be leased.

GFC Facilities Development Committee Terms of Reference

### 3. MANDATE OF THE COMMITTEE

2. Delegation of Authority
Notwithstanding anything to the contrary in the terms of reference above, the Board of Governors and General Faculties Council have delegated to the Facilities Development Committee the following powers and authority:

**A. Facilities**

1. To approve proposed General Space Programmes for academic units.

2. (i) 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.

   (ii) In considering such proposals, GFC FDC may provide advice, upon request, to the Provost and Vice-President (Academic), Vice-President (Facilities and Operations), and/or the University Architect (or their respective delegates) on the siting of such faculties.

**B. Other Matters**

The Chair of FDC will bring forward to FDC items where the Office of the Provost and Vice-President (Academic) and/or the Office of the Vice-President (Facilities and Operations), in consultation with other units or officers of the University, is seeking the advice of the Committee.

**UAPPOL**

*Space Management Policy and Space Management Procedure*

The respective roles of GFC FDC and the Vice-President (Facilities and Operations) with regard to institutional space management are set out in the Board-approved Policy and attendant Procedure.

Cite reference to relevant legislation, policy, and governance committee(s) [title only is required].
Attachment:
1. Dentistry Pharmacy Building Core & Shall Redevelopment Schematic Design Report (pages 1 - 178)

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 #1

**Item**

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<td>Presenters</td>
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<td>The Purpose of the Proposal is (please be specific)</td>
<td>To provide members of the Facilities Development Committee with a preview of the open house presentation material of the proposed site options and concept plans for the Entry Pavilion and the Diwan.</td>
</tr>
<tr>
<td>Executive Summary (outline the specific item – and remember your audience)</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>Supplementary Notes and context</td>
<td><em>This section is for use by University Governance only to outline governance process.</em></td>
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**Engagement and Routing (Include proposed plan)**

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<td>Dean, Faculty of Agricultural, Life and Environmental Sciences</td>
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Strategic Alignment with *For the Public Good*

**BUILD...**

Build a diverse, inclusive community of exceptional students, faculty, and staff from Alberta, Canada, and the world.

1. **OBJECTIVE:** Build a diverse, inclusive community of exceptional undergraduate and graduate students from Edmonton, Alberta, Canada, and the world.

   iv. **Strategy:** Ensure that qualified undergraduate and graduate students can attend the university through the provision of robust student financial support.

5. **OBJECTIVE:** Build and strengthen trust, connection, and a sense of belonging among all members of the university community through a focus on shared values.

   i. **Strategy:** Support and enhance activities, initiatives, and traditions that bond alumni, students, staff, faculty, and professors emeriti to the university.
   
   ii. **Strategy:** Celebrate and support diversity and inclusivity.
   
   iii. **Strategy:** Identify and increase opportunities to engage alumni and volunteers as valued advisers, mentors, volunteers, and interested constituents.
   
   iv. **Strategy:** Appreciate and value the different roles staff, students, post-doctoral fellows, and faculty play on our campuses so that the institution as a whole can further benefit from their diverse skills, perspectives, and experiences.
   
   v. **Strategy:** Foster trust through mutually respectful dialogue between individuals, faculties, departments, administrative units, and campuses, and create opportunities to learn from each other’s cultural variations.
   
   vi. **Strategy:** Encourage and support institution-wide initiatives, services, and programs, such as arts and cultural activities, intramurals, student groups, volunteering, clubs, and centres, which bring students from all faculties into community with each other.

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i. Strategy: Discover an institution-wide, comprehensive brand platform (reputation, identity, image, and component stories) around the core institutional narrative: its promise, its mission, and its impact.

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ii. Strategy: Expand and encourage student mentorship programs

EXCEL...

Excel as individuals, and together, sustain a culture that fosters and champions distinction and distinctiveness in teaching, learning, research, and service.

11. OBJECTIVE: Advance the University of Alberta's reputation for research excellence by pursuing fundamental and original questions and ideas, pushing the frontiers of knowledge, inspiring creative experimentation, driving innovation, and advancing society.

i. Strategy: Encourage and champion achievements in a broad base of fundamental and applied research, scholarship, and creative activities.

ii. Strategy: Support a culture of creativity, innovation, and entrepreneurship among students, faculty, and staff where contributions to all sectors of society are rewarded, valued, and celebrated.

iii. Strategy: Nurture, enable, and reward public intellectuals

v. Strategy: Advance the University of Alberta's reputation for excellence in research through a co-ordinated recognition, awards, and honours program.

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Engage communities across our campuses, city and region, province, nation, and the world to create reciprocal, mutually beneficial learning experiences, research projects, partnerships, and collaborations.

16. OBJECTIVE: 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.
### Item No. 5

1. **Strategy:** Identify and embrace opportunities to build, strengthen, and extend the University of Alberta’s connections to and engagement with external stakeholders, including the general public, neighbouring communities, ethnic and cultural communities, and other communities of practice.

2. **Strategy:** Engage with government, community, industry, business, and the post-secondary sector to address shared local, provincial, national, and global challenges.

3. **Strategy:** Continue to build mutually beneficial, authentic relationships with donors and alumni.

4. **Strategy:** Welcome increased community access, participation, and engagement at all University of Alberta sites.

#### 17. OBJECTIVE:

Facilitate, build, and support interdisciplinary, cross-faculty, and crossunit engagement and collaboration.

1. **Strategy:** Identify and remove systemic barriers to interdisciplinarity, and where necessary, expand or create policies, resources, infrastructure, and strategies to encourage and reward academic and administrative partnerships and collaborations.

#### SUSTAIN...

Sustain our people, our work, and the environment by attracting and stewarding the resources we need to deliver excellence to the benefit of all Albertans.

#### 20. OBJECTIVE:

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.

1. **Strategy:** Embed social, economic, and environmental sustainability into the development and care of the university’s indoor and outdoor spaces.

2. **Strategy:** Enhance awareness of the university’s environmental sustainability features, practices, and resources across University of Alberta campuses and external communities.

#### 21 OBJECTIVE:

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.

1. **Strategy:** Facilitate easy access to and use of university services and systems, reduce duplication and complexity, and encourage cross-institutional administrative and operational collaboration.

#### 22. OBJECTIVE:

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

i. Strategy: Secure and sustain funding to plan, operate, expand, renew, and optimize the use of campus infrastructure to meet evolving teaching and research priorities.

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
- ☐ Reputation
- ☐ Research Enterprise
- ☐ Safety
- ☐ Student Success

<table>
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<tr>
<th>Legislative Compliance and jurisdiction</th>
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<td><strong>Post-Secondary Learning Act (PSLA):</strong></td>
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The PSLA gives GFC responsibility, subject to the authority of the Board of Governors, over academic affairs (Section 26(1)) and provides that GFC may make recommendations to the Board of Governors on a building program and related matters (Section 26(1) (o)).

Section 18(1) of the PSLA give the Board of Governors the authority to make any bylaws “appropriate for the management, government and control of the university buildings and land.”

Section 19 of the Act requires that the Board “consider the recommendations of the general faculties council, if any, on matters of academic import prior to providing for (a) the support and maintenance of the university, (b) the betterment of existing buildings, (c) the construction of any new buildings the board considers necessary for the purposes of the university [and] (d) the furnishing and equipping of the existing and newly erected buildings […]”

Section 67(1) of the Act governs the terms under which university land may be leased.

**GFC Facilities Development Committee Terms of Reference**

**3. MANDATE OF THE COMMITTEE**

2. Delegation of Authority

Notwithstanding anything to the contrary in the terms of reference above, the Board of Governors and General Faculties Council have
delegated to the Facilities Development Committee the following powers and authority:

A. Facilities
1. To approve proposed General Space Programmes for academic units.

2 (i) 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.

(ii) In considering such proposals, GFC FDC may provide advice, upon request, to the Provost and Vice-President (Academic), Vice-President (Facilities and Operations), and/or the University Architect (or their respective delegates) on the siting of such faculties.

B. Other Matters
The Chair of FDC will bring forward to FDC items where the Office of the Provost and Vice-President (Academic) and/or the Office of the Vice-President (Facilities and Operations), in consultation with other units or officers of the University, is seeking the advice of the Committee.

UAPPOL
Space Management Policy and Space Management Procedure

The respective roles of GFC FDC and the Vice-President (Facilities and Operations) with regard to institutional space management are set out in the Board-approved Policy and attendant Procedure.

Attachment:
1. University of Alberta Botanic Gardens: Diwan at the Aga Khan Garden, Alberta & Entry Pavilion Open House #1, April 24, 2019 (pages 1 - 10)

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 #1

APRIL 24, 2019 • 5:00 TO 8:00 PM

University of Alberta representatives are on hand to answer your questions. Please fill out the evaluation form.
WHY ARE WE HERE?

- 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.

- The proposed Diwan at the Aga Khan Garden and the University of Alberta Botanic Garden Entry Pavilion are substantial developments and tonight is the first of two open houses and opportunity for our stakeholders to review site options and conceptual plans.

- 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.

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 And Showhouses; alpine, herb, rose, peony, 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, oilsands 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’s Botanic Garden (formerly the Devonian Botanic Garden) develops a long-term vision 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 combined with the acquisition of adjacent land, the development of the Aga Khan Garden, and future development of the Diwan and Entry Pavilion will continue to transform the garden. Through consideration of these trends and developments, assessment of current conditions, and understanding the university’s vision and mandate, and with input from stakeholders and the public, the conceptual plan charts how the garden will achieve its vision and goals. The functional diagram is a conceptual framework that identifies the ideas and opportunities that will guide development over time, as resources become available.

The framework addresses the key guidelines of the plan:
- Interdisciplinary academic research for scholarship and engagement
- Conservation of the natural and cultural environment
- Experiential learning
- Sustainable landscape strategies
- Connected
- Year-round programming
- Responsive to transportation demand management
- Fiscally responsible and operationally viable

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

PROJECT B - ENTRY PAVILION (PREVIOUSLY ECOLOGICAL LEARNING CENTRE)
A garden gatehouse where visitors are greeted, purchase admission tickets, and receive general orientation to the various programs and activity areas in the garden.
**PROGRAMMING**

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

The Diwan will complete, support, and harmonize with the Aga Khan Garden, Alberta.

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 crews 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.

**SITE CONCEPT, OPTION 1**

Option 1 was developed concurrently with Option 2 (next board) in the fall of 2017 to explore, determine and evaluate efficiencies and optimal approaches to site access, servicing, arrival and seasonal expansion opportunities available to the UABG and their integral impacts to the internal layout and program of the proposed Diwan as well as its relationship to the garden.

Site Concept-Option 1 located the major internal hall space to the east along with the direct adjacency of the exterior seasonal expansion area. Subsequently, the support and service program spaces were located next to a service court yard located on the west. The site was accessed off a revised roadway entry and expanded on the lower turn-around loop.

**Pros:**
- View of banquet hall enhances view down the long axis of the garden
- Proposed service court enhances functionality of garden service

**Cons:**
- Rework of road entry proposes major impact to trees and other existing landscape features and anticipates increase to slope that is not ideal.
- Afternoon and early evening daylight access impeded by location of major event space
- Seasonal expansion space conflicts with external service components of both the garden and proposed Diwan.

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**PROPOSED DIWAN PROGRAMMING, SITE CONCEPTS**

**Main Hall Space** 351.8 m²
- Workshop 288 guests
- Music Performance 470 guests
- Wedding 200 guests
- Supporting 374 guests

**Support Space** 145.0 m²
- Servery
- Flex Space
- Storage
- Cloak Room
- Washrooms

**North Foyer** 54.5 m²
**South Foyer** 21.5 m²
**Second Floor Foyer** 6.6 m²
**Roof Terrace** 130.7 m²
**Building Services** 50.0 m²
**Corridors / Vestibules** 48.4 m²
PROPOSED DIWAN SITE CONCEPTS & SCHEMATIC SITE DESIGN

SITE CONCEPT, OPTION 2
Site Concept, Option 2 was developed concurrently with Site Concept Option 1 in the fall of 2017 to explore, determine and evaluate efficiencies and optimal approaches to site access, servicing, arrival and seasonal expansion opportunities available to the UABG and their integral impacts to the internal layout and program of the proposed Diwan as well as its relationship to the garden.

Option 2 mirrors the internal layout of the first option. The major internal hall space is placed to the west with the direct adjacency of the exterior seasonal expansion area to the south. Subsequently, the support and service program spaces were located next to a new service court yard located on the east. The site is accessed off of the existing roadway entry and but abandons the existing lower loop turn-around and locates a new and expanded service court and vehicle access turn-around loop to the east.

Pros:
- Banquet hall receives late day and early evening sun
- Banquet hall view from Talar in garden enhanced
- Seasonal expansion to south receives full sunlight and has strong relationship with internal hall
- Proposed new access loop enhances arrival sequence on south elevation

Cons:
- Rework of loop turn-around proposes major impact to trees and other existing landscape and drainage features that is not ideal
- Scheme anticipates a doubling of hard surface service court

SITE CONCEPT, OPTION 3
Site Concept, Option 3 further develops the the organization and layouts of Option 2 with impacts of the site affecting the internal layout of the proposed Diwan. The banquet hall and central entry lobby are combined to optimize event space and the exterior courtyards adjusted in elevation, paved and available for seasonal expansion use to the west and south. Service and vehicle circulation are screened from seasonal expansion area.

Pros:
- Entry sequences all directions enhanced

Cons:
- Rework of road entry proposes major impact to trees and other existing landscape features and anticipates increase to slope that is not ideal
- Major earthworks need to be incorporated into design
- Two service courts envisioned
- Large areas of hardscape

SCHEMATIC SITE DESIGN
The Schematic Site Design takes elements of all the concept options to support and enhance the internal program layout and make 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
PROPOSED DIWAN DESIGN

SECOND FLOOR PLAN

GROUND FLOOR PLAN

WEDDING, 200 GUESTS

WORKSHOP, 288 GUESTS

MUSIC PERFORMANCE, 470 GUESTS

WEDDING, 374 GUESTS
PROPOSED DIWAN DESIGN

NORTH ENTRY FROM GARDEN

VIEW WEST FROM ICE CHABUTRA

WEST WALKWAY FROM AMPHITHEATRE

LIMESTONE (AKG)  TEXTURED PRECAST (AKG)  METAL PANEL  SCREEN  PAVERS
ENTRY PAVILION, DESIGN CONCEPT

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. As the welcome centre evolve and develop to support future increase in visitation, the structure would also need to be able be enlarged proportionally.

SITE OPTION B1

- Built on undisturbed site to complement and support functions on hard surface of Leaf Plaza (no interference to current operations)
- Free standing pavilion with sun exposure from east, south and west
- Facing Imrie Wetland pond to the north
- 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

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
- Good expansion opportunity
- Limited patio dining opportunity
ENTRY PAVILION, IMAGES

ENTRY PLAZA WITH HARD SURFACE FOR PROGRAMMING

PAVILION TYPOLOGY WITH INDOOR/OUTDOOR SEATING

TENSILE STRUCTURE TO PROVIDE SHADE, SHELTER AND A GESTURE OF WELCOME

Edmonton Valley Zoo by Dialog

Edmonton Valley Zoo by Dialog

Edmonton Valley Zoo by Dialog

Edmonton Valley Zoo by Dialog

Edmonton Valley Zoo by Dialog

Newberg Residence by Cutler Anderson

Example of a garden tensile structure

Left: German Pavilion, 1967 Expo, Montréal, Canada

Right: Olympia Park at Munich

Model of a tensile structure
PRELIMINARY SCHEDULE

April 24 to May 3, 2019
Online survey available, visit www.uab.ca/community

April 24, 2019
OPEN HOUSE #1

Construction Phase

Construction Phase

ENTRY PAVILION Completion

DIWAN Completion

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 May 3, 2019

Next steps:
The University of Alberta will hold a second and final open house for the Diwan at the Aga Kahn Garden and the University of Alberta Botanic Garden Entry Pavilion projects in early summer of 2019. Please refer to the website for details.