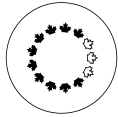


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NATIONAL CAPITAL COMMISSION
 COMMISSION DE LA CAPITALE NATIONALE

No.	2024-P285
To	Board of Directors
Date	2024-10-01

For DECISION

Subject/Title

Federal Land Use and Design Approval – Centre Block Rehabilitation Program (CBRP) and Parliament Welcome Centre (PWC) Shell – 100% Developed Design

Summary

- The purpose of this submission is to obtain Federal Land Use and Design approval (FLUDA) from the Board of Directors for the 100% Developed Design of the rehabilitation of the Centre Block and Parliament Welcome Centre’s (PWC) exterior building envelope.
- The landscape and interior end-state design for the PWC and the east and west interior light courts will be subject to a separate Level 3 approvals.

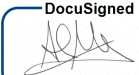
Risk Summary

- No significant risks have been identified in relation to this submission’s recommendation.

Recommendation

- That the FLUDA for the CBRP and PWC Shell – 100% Developed Design be granted by the Board of Directors, pursuant to Section 12 of the National Capital Act, subject to the following conditions:
 - Subsequent project phase(s), including but not limited to the 100% Landscape Developed Design and the CBRP and PWC Interior End-State 100% Developed Design must be consistent with the terms and conditions of this approval, and responsive to the recommendations of the NCC.
- That the preparation and signature of the FLUDA letter be delegated to the Vice-President, Capital Planning Branch.

Submitted by:

DocuSigned by:

 8E8319D81759427
 Alain Miguelez, Vice President Capital Planning Branch

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1. Strategic Priorities

- National Capital Commission (NCC) Corporate Plan 2023-2024 to 2027-2028 – Strategic Direction #1:
 - Foster an inclusive and meaningful National Capital Region of national significance reflective of all Canadians, including Indigenous peoples, and all levels of government.
- NCC Corporate Plan 2023-2024 to 2027-2028 – Strategic Direction #2:
 - Ensure a picturesque and natural National Capital Region, through conserving and enhancing natural assets, cultural landscapes and built heritage under the NCC's stewardship.
- NCC Corporate Plan 2023-2024 to 2027-2028 – Priority #2:
Plan, rehabilitate and revitalize key assets and transportation networks in the National Capital Region.

2. Authority

National Capital Act, Section 12.

3. Context

Background

The Centre Block Rehabilitation Program (CBRP) is the most complex heritage rehabilitation ever undertaken in Canada by Public Services and Procurement Canada (PSPC), the Proponent. It involves the full rehabilitation of the historic Centre Block building, the construction of phases 2 and 3 of a new Parliament Welcome Centre (PWC) and changes to the landscape and exterior lighting of the Parliamentary grounds and buildings.

The scope of the overall CBRP project includes alterations to the historic building and site to accommodate evolving functional requirements, physical security, universal accessibility, sustainability, heritage conservation, structural, seismic and code compliance, as well as new base building systems.

The PWC is an addition to Centre Block. This new construction will be a three-storey below-grade structure and will include security screening and scanning to support parliamentarians, staff, and public access to the Parliamentary Triad; visitor experience services including exhibit space, educational space, ticketing, information, and food services; essential support functions for both Senate and House of Commons to support the Committee Rooms and Chambers; mechanical and utility rooms and dedicated material handling corridors serving the Parliamentary Triad.

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Previous Approvals

- In October 2022, the NCC's Board of Directors granted Approval for the CBRP and PWC 100% Architectural Schematic Design.
- In June 2023, the NCC's Board of Directors granted Approval for the CBRP 100% Landscape Schematic Design, excluding surface parking.

Developed Design Submission – Shell

The proposal herein aligns with the previously approved schematic design concept and is limited to the developed design of the exterior envelope (shell) of the Centre Block building and PWC – namely exterior walls, openings, roofs, roof additions, and the new skylights enclosing the interior east and west light courts. The submission also includes new underground services and connections.

Developed Design

- Building envelope design and upgrades (thermal insulation, skylights, roof, windows, waterproofing, exterior walls, etc.).
- Structural design, including seismic measures affecting the exterior envelope.
- Excavation extents and details.
- New integrated roof addition on Centre Block to accommodate new MEC distribution.
- New interior east and west light court skylight, composed of a diamond shaped structural grid pattern.
- Exterior façade of the PWC, including new PWC entry opening, reinstatement of the Vaux Wall, and construction of the Vaux Wall extension below grade. The details of the new PWC entry (such as glazing, door details, etc.), as well as the final finish of the Vaux Wall extension and new sculpted stone lintels on either side of the Vaux stairs will be part of the 100% Landscape Developed Design submission.

The main roof will enclose the east and west light courts with skylights and house a new seventh floor level of mechanical distribution spaces on either side of the centre light court and along the north and south lengths of the building. The areas housing the mechanical distribution spaces will employ an opaque glazing system. The centre light courts on either side of the Hall of Honour will remain uncovered. Fresh air intakes will be integrated into a linear louver running the perimeter of the north and south edges of the glass roof. Exhaust vents will be located along the edge of the glass roofs on either side of the centre light court. The original elevator penthouses will be raised to ensure they remain visible against the new roof addition.

Exclusions

The following does **not** form part of the current approval and will be subject to separate level 3 approvals:

- PWC interior end-state design.

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- Centre Block interior end-state design for the east and west interior light courts.
- 100% Landscape Developed Design (including parking).

4. Options Analysis / NCC Staff Analysis

Design:

The 100% Developed Design of the Shell remains largely consistent with the design intent approved at the Schematic Design Phase.

NCC FLUDTA Staff have reviewed the 100% Developed Design submission for the CBRP and PWC Shell and are generally supportive of the proposal. The Proponent has consulted with NCC Federal Approvals and FHRO staff and addressed their recommendations to the extent possible. However, as the scope of the current 100% Developed Design submission is limited to the exterior envelope only, it remains difficult to assess how these elements will integrate with the final landscape design, and the design of the interiors.

For example, the integrated glass roof addition will influence the design of the east and west light courts. While renderings of these spaces were provided with this submission for reference, they represent the interim design and not the final design of the light courts. The Proponent must continue to work with the NCC as the final / end-state design for these spaces is developed to ensure alignment with the current approval and integration of all design elements.

Similarly, it remains difficult to assess the complete design of the Peace Tower Entrance details, including its universal accessibility, without seeing how it will integrate with the final landscape design. The Proponent did provide interim design renderings; however, the Proponent must continue to work with the NCC as these design elements are finalized in the subsequent 100% Landscape Developed Design submission.

The Proponent must keep the NCC informed of any changes to the design of the integrated glass roof addition. It is understood that the tender drawings and construction of this element will be awarded to a design-build contractor. Any changes to what is shown in the Developed Design (changes to geometry, connection details, material changes, etc.) must be documented and submitted to the NCC for validation to ensure alignment with the approved design.

Planning

From a planning perspective, the 100% Developed Design of the Shell is aligned with the following NCC and Government of Canada Plans and Policies:

- NCC Plan for Canada's Capital, 2017–2067: The rehabilitation of Centre Block is part of the Milestone project 1 for the renewal of the Parliamentary and Judicial Precincts.

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- NCC Canada’s Capital Core Area Sector Plan (2005), containing the following goal for the Parliamentary and Judicial Precincts: *“Ensure a Parliamentary and Judicial Precincts Area that is planned, protected and interpreted as the symbolic and democratic heart of the nation, as the prime focus of the Nation’s Capital and the Core Area, as a national and international landmark, and as the centre stage for national celebrations.”*
- NCC Guiding Capital Interests applicable during construction of the Centre Block Rehabilitation and for the Final Project (page 12 to 16 of the FLUDA Framework).
- Parliament Hill Landscape Plan (2000)
- Long-Term Vision Plan (2006) – Guiding Principles

FHRO Review

The Federal Heritage Review Office (FHBRO) also reviewed the 100% Developed Design for the Centre Block Rehabilitation Program (CBRP) and Parliament Welcome Centre Core & Shell. Their review consisted of:

- A Review of Intervention Report (ROIR) related to the technical considerations of the CBRP 100 % Developed Design Core & Shell submission, dated 22-APR-2024;
- A Federal Heritage Building Committee (FHBC) report focusing on the integrated glass roof addition, dated 22-APR-2024; and
- A ROIR related to the technical considerations of the PWC Core & Shell submission, dated 21-JUN-2024.

In general, the FHRO feedback and recommendations were related to ensuring coordination and an integrated design approach between the current core and shell submission, and future developed design interior end-state and landscape submissions. Additionally, the FHRO also asked that the Proponent ensure minimal light reflectivity and light spillage from the proposed east and west light court skylights.

5. Financial Details

The proposal does not involve a financial contribution from the NCC.

6. Opportunities and Expected Results

The comprehensive rehabilitation of Centre Block and the construction of the new Parliament Welcome Centre aims to meet the contemporary and operational requirements of the Parliament of Canada, including upgrades to address its accessibility, sustainability, renewal of all base building systems, accommodations and building finishes. A central goal of the Centre Block Rehabilitation is to ensure that changes happen in a manner that conserves the heritage value and cultural meaning of Parliament Hill and Centre Block, and the role they play within their parliamentary and capital setting of the National Capital Region.

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7. Alignment with Government and NCC Policies

The CBRP presents an opportunity to respond to the nation’s social and environmental aspirations for the future, including Indigenization, Accessibility and Inclusivity, and Sustainability. In response to these aspirations and through the introduction of new types of parliamentary and public space – namely with the construction of the new PWC – the project prioritizes people and their central role within the nation’s evolving parliamentary democracy. Additionally, the proposal follows guidelines set out by PSPC’s Gender-Based Analysis Plus: 2022 to 2023 Departmental Plan.

8. Risks and Mitigation Measures

Risk	Likelihood	Impact	Mitigation Measure
Delay in receiving approval affects project schedule and related PSPC project agreements.	Low	Moderate	Federal Approvals staff continue to work closely with PSPC to resolve outstanding comments identified in this submission, which are expected to be addressed in the next design phase.

9. Public Engagement and Communications

The Proponent continues to consult and engage with stakeholders. The Core and Shell Developed Design process has undergone several coordination meetings and working sessions with various internal and external stakeholders:

- Indigenous Engagement: PSPC is committed to engagement with the host Algonquin Anishinabe Nation, as well as other First Nations, Inuit, and Métis across the country. PSPC meets with First Nation, Métis, and Inuk architects on a bi-weekly basis to provide design updates and receive their design feedback.
- PSPC continues to provide the public with regular progress reports and project updates on the Centre Block project via their website, which can be found at the following links:
 - [April 1 to June 30, 2024: Quarterly progress report on the Centre Block project - Canada.ca](#)
 - [Latest progress on the Centre Block project - Canada.ca](#)

10. Next Steps

- Spring 2025 – Board Approval of 100% CBRP, PWC and Landscape Design Development (including parking)

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- Fall 2025 – Board Approval of 100% CBRP, PWC Interior End-State Design Development

11. List of Appendices

Appendix A – Integrated Glass Roof Addition: Plans and Details

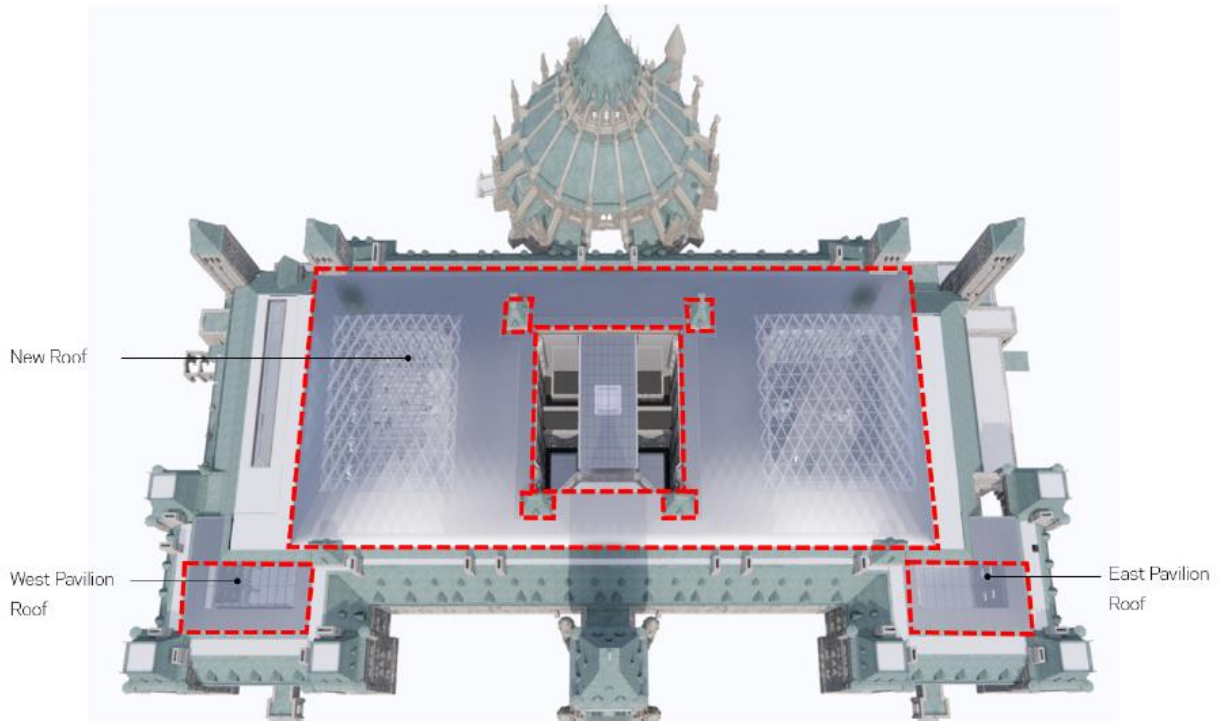
Appendix B – Centre Block Roofline Renderings

Appendix C – PWC Entrance Interim Design

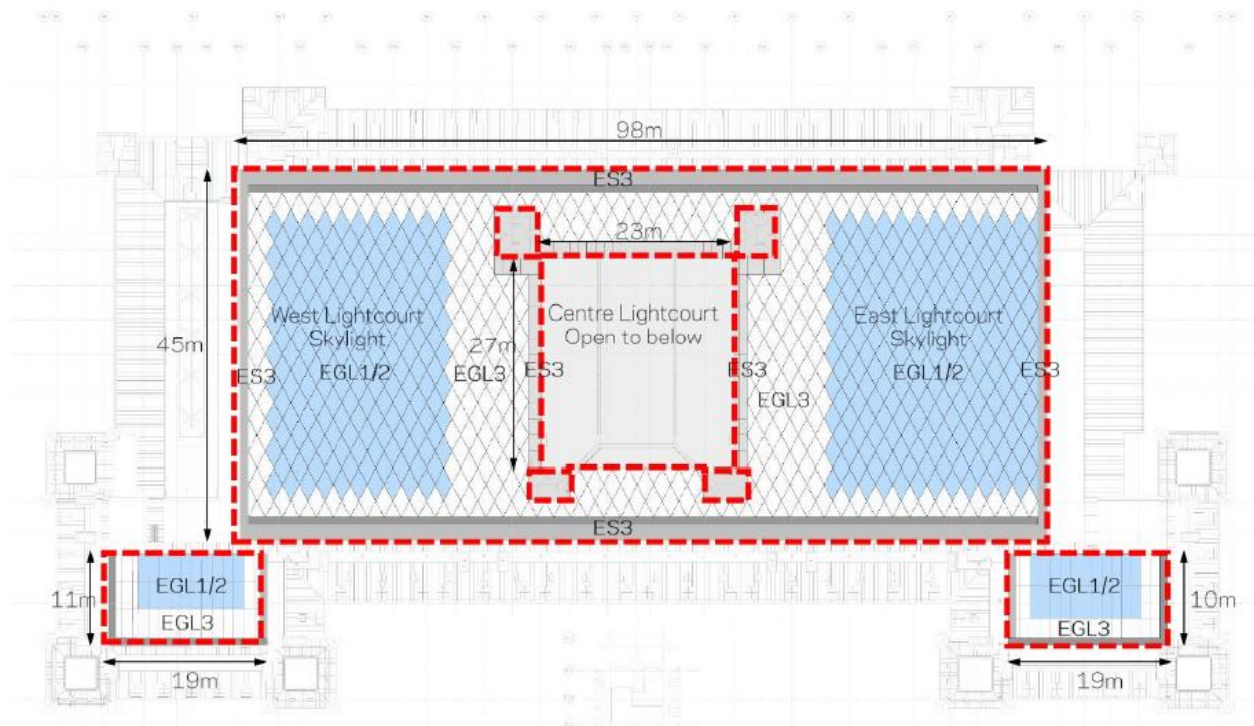
12. Authors of the Submission

- Alain Miguelez, Vice-President, Capital Planning Branch (CP)
- Isabel Barrios, Director, Federal Approvals and Heritage, and Archaeology Programs (FAHA), CP
- Jason Hutchison, Chief, Federal Design Approvals, FAHA, CP
- Amanda Conforti, Senior Architect, Federal Design Approvals, FAHA, CP

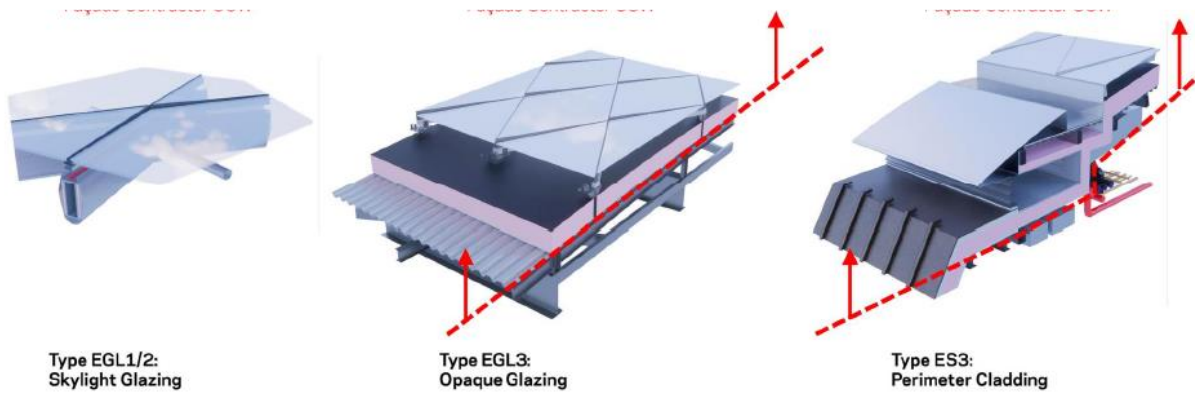
Appendix A – Integrated Glass Roof Addition Plans and Details



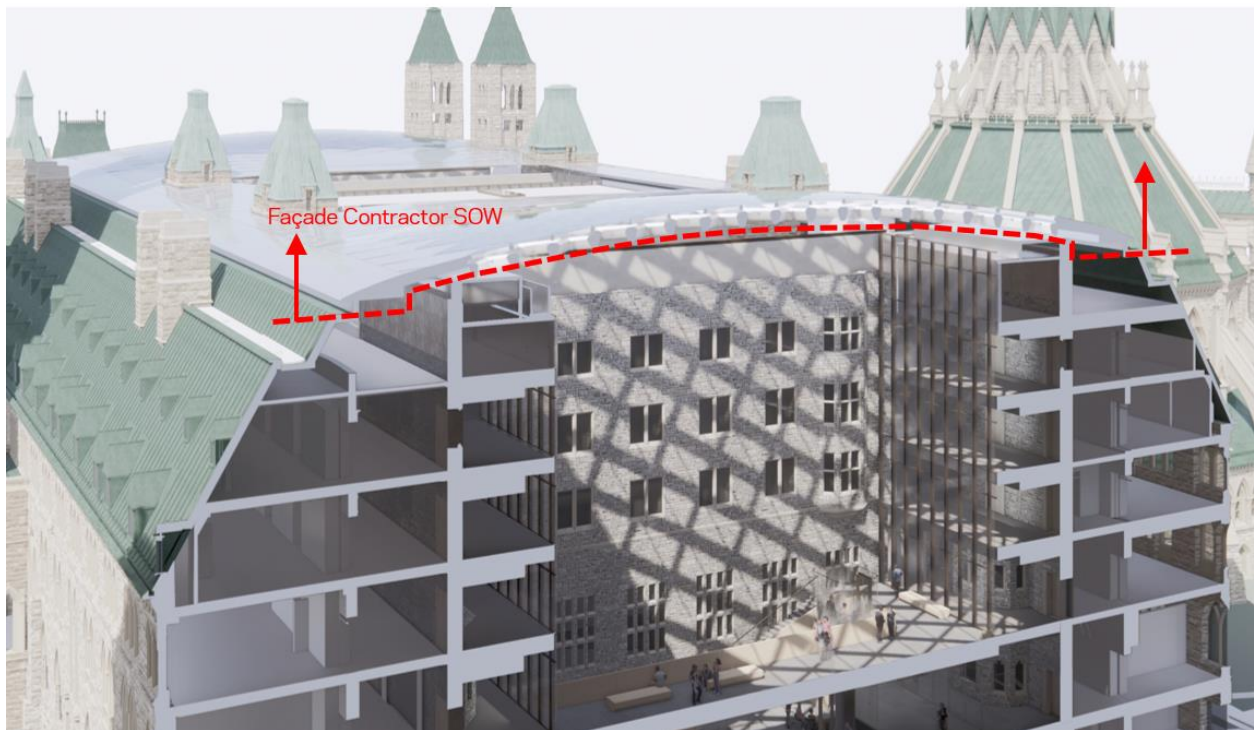
Aerial View of Centre Block integrated glass roof addition.



Roof Plan showing the various components of the proposed new glass roof addition. EGL 1/2 corresponds to skylight glazing; EGL 3 corresponds to opaque glazing, and ES 3 corresponds to perimeter cladding.



Typical roof assembly type details.



Section cut rendering through the East Light Court (West Light Court similar) showing proposed new roof addition and skylight over light court.

Appendix B – Centre Block Roofline Renderings



Existing view of Centre Block from the Canadian Museum of History looking toward Library of Parliament.



Proposed view of Centre Block from the Canadian Museum of History looking toward Library of Parliament with integrated roof addition.



Existing view of Centre Block from Wellington Street.



Proposed view of Centre Block from Wellington Street showing proposed integrated roof addition.

Appendix C – PWC Entrance Interim Design (March 2024)



Plan view of path down to proposed new PWC entrance.



View approaching the proposed new PWC entrance.



View looking toward proposed New PWC entrance. The width of the entrance opening is being finalized with this approval; however, the details (glazing, doors, finishes, wrought iron railing, etc.) will form part of a future Level 3 FLUDA.