

Proposed Bucket # 1:
Excellent
patient, family and
staff experience that
promotes wellness, for
patients, family, and
staff members

Rationale:

New campus should meet the needs of those who rely on its services, as well as those who contribute to the quality of care.

Key Stakeholder Principles

- TOH: Provide the best patient and family experience: We will provide the highest standards of care possible for patients suffering from major trauma and acute illnesses...
- City of Ottawa: The development of a new hospital south of Carling Avenue will make the District a ... centre for community care...
- NCC: 4. User/Visitor Experience and Universal Accessibility: Create the quality of the visitor experience, and the sense of place for the public realm.
- NCC: 2.3. Building Orientation: The facility should take advantage of its... views towards adjacent Capital landscapes.
- TOH: ... recognize that we are part of a broader system where disease prevention and community care are essential components of care.
- TOH: Improve health, wellness and recovery: We will work closely with partners in health and social services to create networks of care focused on the health of populations. We will provide access to green spaces, gardens, walking and cycling paths, and quiet areas for reflection to promote and even hasten recovery.

Proposed Bucket # 2: Promotes population health

Rationale:

New campus should encourage healthy individuals and a healthy community

Key Stakeholder Principles

- TOH: ... recognize that we are part of a broader system where disease prevention and community care are essential components of care.
- TOH: Improve health, wellness and recovery. We will provide access to green spaces, gardens, walking and cycling paths, and quiet areas for reflection to promote and even hasten recovery. We will emphasize with our patients the importance of nutrition and healthy eating, and how they promote wellness.

Proposed Bucket #3: Universal Design and Barrier-Free

Rationale:

New campus should be accessible and welcoming to all, with appropriate access points and circulation, and should take advantage of multi-modal transit and respect the character of existing transportation networks to minimize impact on local neighbourhoods.

Key Stakeholder Principles

- NCC: Demonstrate best practices for universal accessibility, meeting (and, where possible, exceeding) nationally accepted standards and guidelines.
- NCC: 4. User/Visitor Experience and Universal Accessibility: Create the quality of the visitor experience, and the sense of place for the public realm.
- CEF: Develop appropriate patterns of access, circulation, and open space.
- NCC: 4.3. Locate and organize accesses, lay-bys and drop-offs to improve wayfinding and to minimize conflicts between vehicles, cyclists and pedestrians.
- NCC: 4.2. Locate the main pedestrian accesses to provide a pleasant walking experience. Design a direct connection to transit at the Trillium Line Station.
- City of Ottawa: Provision of high level pedestrian and cycling connectivity throughout the site and with the surrounding areas with full accessibility for all modes of mobility.
- City of Ottawa: Integration with the Carling O-train/future LRT station will be essential for the hospital and research buildings located at the O-Train line corridor, south of Carling Avenue.
- NCC: 4.1. Encourage active mobility and the use of transit by providing a pleasant pedestrian and cycling experience and adequate facilities for users.
- City of Ottawa: Integration of the Carling O-Train/future LRT station into the Hospital and research facility.
- NCC: 2.3. Building Orientation: The facility should take advantage of its close proximity to existing rapid transit infrastructure (Carling Trillium Line Station) and major pathway connections.
- City of Ottawa: The Master Site Plan will adequately address matters such as servicing, transportation impacts, multi-modal transportation options...
- NCC: 2.7. Develop creative transportation demand management strategies to minimize on-site parking requirements and to limit the extent of modifications required on adjacent routes of importance to the Capital (Prince of Wales, Queen Elizabeth Driveway).
- City of Ottawa: Provision of parking on site, including underground.

Proposed Bucket #4: Integrated public space that is respectful of surrounding neighbourhoods and sites

Rationale:

The new campus should be a seamless part of the community, inviting patients, their families and the local community into its public spaces.

Key Stakeholder Principles

- City of Ottawa: ... The design of the future campus for The Ottawa Hospital will be held to the highest standards. Development of a hospital and related research centre will demonstrate exceptional architectural and urban design to ensure design respects the historical, cultural and physical environment with which it is situated in and adjacent to.
- NCC: 2.4. Built form: Demonstrate a positive integration with the surrounding landscapes and built environment in matters of scale, massing, proportions and materiality; while maintaining a built footprint that is as efficient as possible.
- NCC: 3.2. Protect and integrate with the heritage features surrounding the site (the buildings and landscape features of the Central Experimental Farm National Historic Site of Canada; the Federal Heritage Building Review Office Classified and Recognized buildings such as the Dominion Observatory; the Rideau Canal UNESCO World Heritage Site; Capital Parkways).
- City of Ottawa: Urban design and architecture addressing the urban edge of Carling Avenue and Preston Street; the cultural heritage of the Central Experimental Farm and its national historic value; the scenic edge of Prince of Wales Drive; and the Rideau Canal World Heritage Site.
- City of Ottawa: The Master Site Plan will adequately address matters such as servicing, transportation impacts, multi-modal transportation options, cultural heritage impacts, and urban and architectural design excellence...
- City of Ottawa: Activation of street edge conditions along Preston Street and Carling Avenue.
- CEF: Establish clear and sustainable relationships with the adjacent urban context.
- CEF: Develop appropriate patterns of access, circulation, and open space.
- City of Ottawa: Implementation of a parking strategy for the purpose of the impacts of off-site parking.
- NCC: 2.7. Parking. Reduce surface parking wherever possible and consider stacked parking options. Minimize the extent of paved areas.
- TOH: Integrate with our community: The New Campus will be part of the neighbourhood – not bricks and mortar standing in isolation. It will be a campus that is respectful of, and in sync with, its community. It will be a built environment that respects human scale and the surrounding natural landscape. It will be part of a health village that offers much more than acute care.
- NCC: 2.2. Built Footprint/ Layout: Ensure that the location of the building(s) contributes positively to and improves interactions with the surrounding urban and natural context. The facility's layout should take advantage of the site's varied topography and existing mature greenspace, and complement the farm experiences.
- NCC: 3. Heritage Conservation: Protect and enhance the heritage character of the site and its surroundings and explore opportunities to create cultural experiences based on agricultural, archaeological, historical and other cultural resources to be enjoyed, while ensuring their protection for future generations.
- NCC: 2.9. Exterior Public Spaces: Aim for successful place making to take advantage of the exterior/interior interface and the views towards surrounding capital landscape features. i. Invite the public to recreate on the property and enjoy publicly available amenities on site; ii. Ensure public access through the site is maintained (non-motorized modes), including connectivity from the existing transit station, Carling Trillium Line, to the capital pathway network (i.e. parkways, Rideau Canal, Arboretum/Dows Lake Pavilion).
- City of Ottawa: Inclusion of publicly accessible open spaces.

Proposed Bucket #5: Defining Landmark that reflects the significance of the site

Rationale:

New campus should be built in such a way that it is worthy of a national capital and reflects the national heritage status of established surroundings.

Key Stakeholder Principles

- NCC: Design the new facility to enhance the Capital's symbolism, dignity and prestige. Design the site to enhance and protect nearby capital landscapes including Dows Lake and UNESCO Rideau Canal World Heritage Site, Commissioners Park, Prince of Wales scenic entry, Central Experimental Farm National Historic Site. These features will be referred to throughout this document as [it relates to] the nearby capital landscapes.
- City of Ottawa: The need to master plan the site with specific regard for the resources such as Dows Lake, the Rideau Canal World Heritage Site, Federally-recognized heritage buildings, pastoral landscape of the Central Experimental Farm, will be a key element... careful consideration of the hospital design as they relate to these local and nationally significant features.
- NCC: Design Excellence: Maintain a high level of quality, innovation, and design appropriate to the location and that reflect best practices in urban planning, architecture, landscape architecture, urban design, sustainability, universal accessibility and heritage conservation. Achieve design excellence through a landscape design that is in keeping with the cultural significance of the existing context and be commensurate with the location.
- NCC: 2.6. Capital Views: Protect and enhance views and visual quality from the important capital landscapes that surround the site. Special consideration should be given to the landscape treatment and built edge along Prince of Wales Drive, a scenic entry to the Capital.
- NCC: 2.7 i. Minimize visibility of parking from adjacent Capital landscapes and routes including Queen Elizabeth Driveway and Prince of Wales Drive.
- CEF: To interpret and present the site to the public, as a scientific landscape of national significance.
- NCC: 2.5. Materiality: Select materials on the basis of good quality, appearance and durability that will contribute to the Capital setting. Emphasize natural materials for exterior cladding and landscapes.
- NCC: 2.8. Servicing and Technical Equipment: Avoid or mitigate the conspicuous siting of required support infrastructure such as maintenance and storage areas, waste processing facilities, emergency generators, mechanical equipment, etc. Provide architecturally designed and well integrated visual screening for mechanical equipment on or around the building, as viewed from adjacent features of the capital's landscape and neighbourhood fabric. Strive to reflect the following requirements for all components of communication equipment, antennas, vents and other visible or projecting installations, whether on roofs, other areas of buildings or in landscape settings: i. Design and locate discretely; ii. Place at an appropriate setback from the edge of the roof to reduce their visibility and visual impact; and iii. Employ architecturally designed and well integrated screening elements.

Proposed Bucket #6: Environmental stewardship and creation of greenspace

Rationale:

The new campus should minimize environmental impact and lead the way as a champion for a healthy environment and public greenspaces.

Key Stakeholder Principles

- TOH: Help sustain our environment: The New Campus will be engineered into an eco-friendly, sustainable health-care centre that meets the highest environmental standards. The carbon footprint will be minimal, water will be conserved and building services will be energy efficient. Access to the campus will be supported by the city's light-rail transit system as well as other mass transit system plans and green methods of transportation. Walking and biking will reduce the number of staff and patient families using cars to drive to the health centre.
- NCC: 5. Environmental Sustainability: Meet leading standards of sustainability
- CEF: To ensure the commemorative and ecological integrity of the cultural landscape and its cultural and natural resources.
- NCC: 5.2. Ensure that best efforts are made to protect mature healthy trees of non-invasive species located in and around the site.
- NCC: 2.11. Stormwater Management: i. Integrate best management practices for a sustainable Stormwater management on site; ii. Achieve improved water quality by controlling rainwater at its point of impact, managing infiltration and conveying any excess off-site by systems (such as swales/ditches and storm sewers) ; iii. Respect the hydraulic capacity and erosion thresholds of receiving watercourses with an appropriate water quantity peak flow discharge rates; iv. Seek to adhere to the following design strategies when possible: a. Infiltration; b. Bio retention / bio filtration: Rainwater harvesting: cisterns, rain barrels; c. Water quality enhancement: oil and grit separators; d. Detention ponds and permanent check dams in swales; e. Green roofs, rooftops gardens and green walls.
- NCC: 2.7: ii. Organize parking lots to provide consolidated soft landscaped areas and opportunities for managing storm water quality and quantity on-site.
- NCC: 2.10. Planting & Landscape Design Ensure context sensitive landscape design with a balance of native, local deciduous and coniferous species to provide year-round landscape interest and lower maintenance requirements; design for all seasons by providing comfortable exterior spaces in all weather conditions.

Proposed Bucket #7: Catalyst for world-class research, education and innovation

Rationale:

New Campus should attract leading researchers, teachers and students to spur innovation and revolutionize health care.

Key Stakeholder Principles

- TOH: Promote innovation and research: The future of health care is created through innovation and research. The new state-of-the-art campus will allow us to attract the best and brightest physicians, scientists and health-care professionals from around the world. This will ensure that Ottawa remains at the forefront of discoveries that are revolutionizing health care globally in the 21st century.
- TOH: Educate our future talent: Through our affiliations with our local colleges and universities, we will educate, develop and attract the finest talent in the world. This will enable us to provide world-class care to our patients, and leading-edge education and training for our future doctors, nurses and other health professionals.
- TOH: Enhance the economic engine of our community: With 12,000 employees, the hospital is the third-largest employer in Ottawa. The hospital is also a major purchaser of products and services, and generate significant direct and indirect economic benefits. The New Campus will be a major economic driver for the region, during the construction phase and in years to come as an engine to attract and retain the best talent available. Through intellectual property and research discovery, we partner with the private sector to develop start-up companies, create jobs and improve the overall economic health of the National Capital Region.”
- CEF: To sustain a cultural landscape of national historic significance through a reinvigorated and ongoing agricultural research program.
- CEF: To strengthen the research identity of the Farm, as the most important path of continuity between its past, present and future
- City of Ottawa: The development of a new hospital south of Carlin Avenue will make the District an important employment magnet and a centre for ... research, and position the Hospital site as an employment anchor to not only this district but more broadly for the City as a whole.