



The Ottawa Hospital New Civic Development
Nouveau projet civique de l'Hôpital d'Ottawa
UDRP Presentation
Présentation pour le
comité d'examen du design urbain

January 2023

Themes / Thèmes

- Site Integration / Intégration au Site
- Ease of Wayfinding / Facilité d'orientation
- Universal Accessibility / Accessibilité universelle
- Sustainability / Développement durable



Central Experimental Farm
Ferme expérimentale centrale

Promenade Maple Drive

Avenue Carling Avenue

Highly Irregular Site
limite spécifique au site

Retaining Wall
Mur de soutènement

30' Level change
Changement de niveau
de 30'

Mooney's Bay Sanitary
Sewer Easement
Conduite d'égout de la
baie Mooney

Light rail transit line
Ligne de métro léger

Promenade Prince of Wales Drive

Dominion Arboretum
Arboretum du Dominion

Rue Preston Street



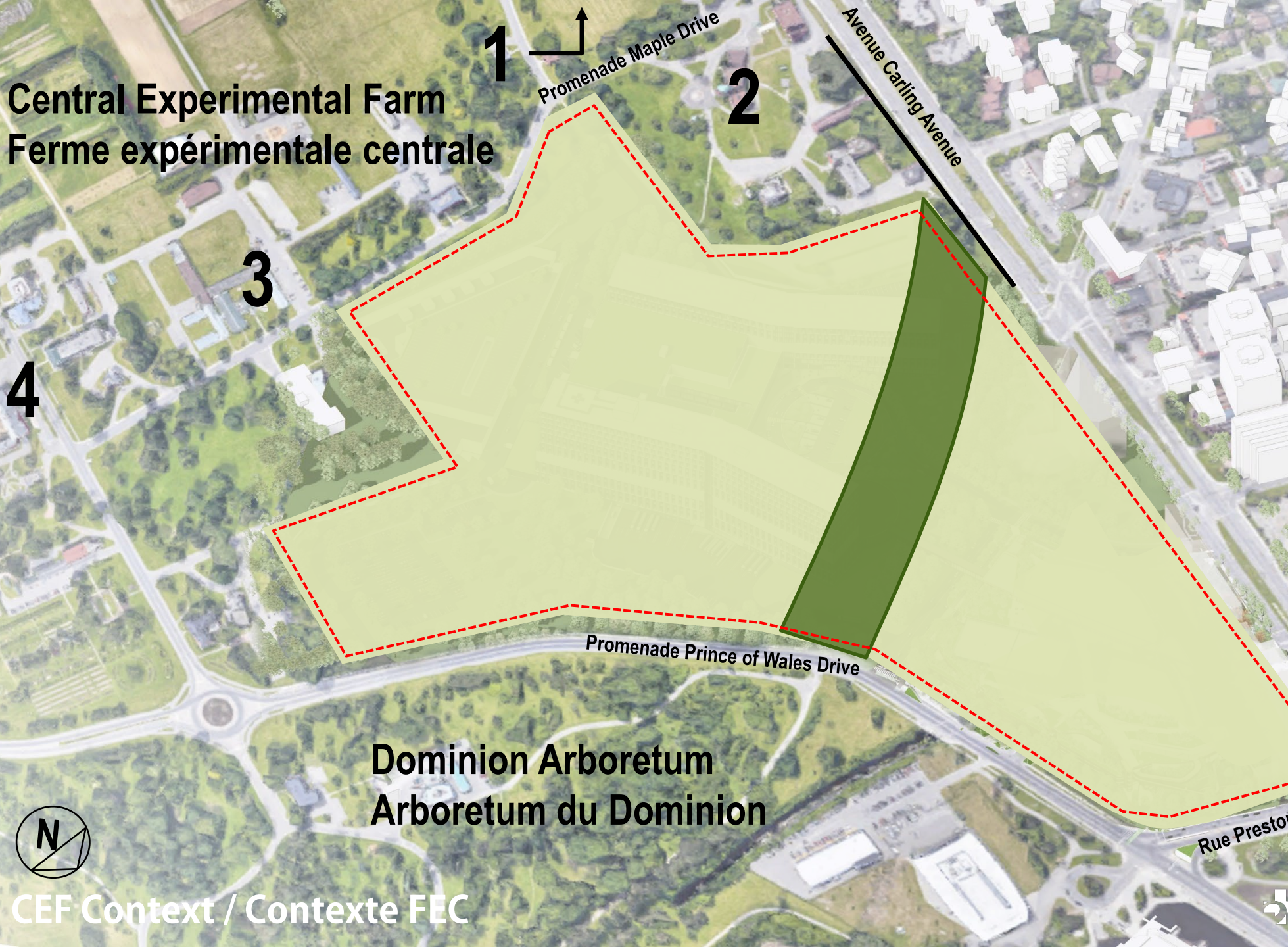
Key Site Considerations / Considérations clés du site

Central Experimental Farm Ferme expérimentale centrale



CEF Context / Contexte FEC

Dominion Arboretum Arboretum du Dominion

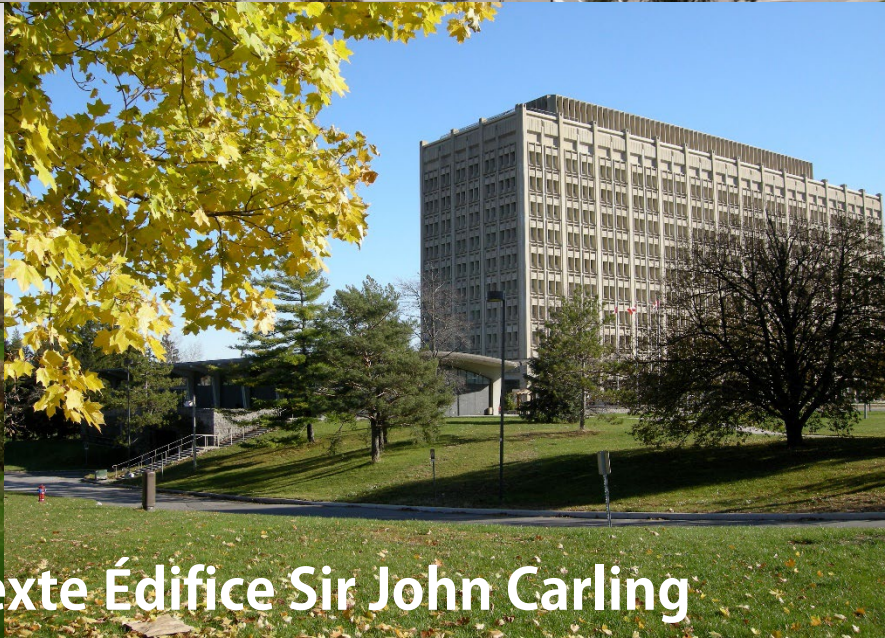




- 1 Original Tower / Tour Originale
- 2 West Annex Cafeteria / Caf t ria Annexe ouest
- 3 East Annex / Annexe est
- 4 Original Plaza / Place carr e originale



Sir John Carling Context / Contexte  difice Sir John Carling



Federal SDS / NCC SDS (2018-2023)
SDD fédéral / SDD CCN (2018-2023)

-  Effective Action on Climate Change
Mesure relative aux changements climatiques
-  Greening Government
Gouvernement à faible émission de carbone
-  Clean Growth
Croissance propre
-  Modern & Resilient Infrastructure
Infrastructure moderne et résilience
-  Clean Energy
Énergie propre
-  Pristine Lakes & Rivers
Côtes et océans sains
-  Sustainably Managed Lands & Forests
Lacs et cours d'eau vierges
-  Healthy Wildlife Populations
Populations d'espèces sauvages en santé
-  Clean Drinking Water
Eau potable
-  Sustainable Food
Alimentation durable
-  Connecting Canadians with Nature
Rapprocher les Canadiens de la nature
-  Safe & Healthy Communities
Collectivités sûres et en santé

One Planet Living
Cadre du programme One Planet Living

-  Health and Happiness
Santé et bonheur
-  Equity and Local Economy
Économie équitable et locale
-  Culture and Community
Culture et collectivité
-  Land and Nature
Terre et nature
-  Sustainable Water
Gestion durable de l'eau
-  Local and Sustainable Food
Alimentation locale et durable
-  Travel and Transport
Déplacements et transport
-  Materials and Products
Matériaux et produits
-  Zero Waste
Zéro déchet
-  Zero Carbon Energy
Énergie neutre en carbone

LEED Healthcare V4.1 Silver (GOLD Targeted)
Norme LEED V4.1 Argent (OR Visée) – secteur de la santé

-  Location and Transport
Emplacement et transport
-  Sustainable Sites
Sites durables
-  Water Efficiency
Gestion efficace de l'eau
-  Energy and Atmosphere
Énergie et atmosphère
-  Materials and Resources
Matériaux et ressources
-  Indoor Environmental Quality
Qualité de l'environnement intérieur

Benchmark Projects
Projets de référence



Sustainability Roadmap
Plan en matière de durabilité

Welcoming space for the Community / Espace **accueillant** pour la communauté

Biophilic Respite a place to decompress / Un **répit biophilique** pour décompresser

Remediation of former developed areas / La **décontamination** des anciennes régions développées

Biodiversity native planting + 40% canopy cover / Plantation indigène de **biodiversité** + couvert végétal à 40%

Fauna Friendly pollinator planting & bird safe design / Plantation **respectueuse de la faune** et conservation des oiseaux

Aquifer Recharging stormwater infiltration/



Landscape Strategy / Stratégie du paysage

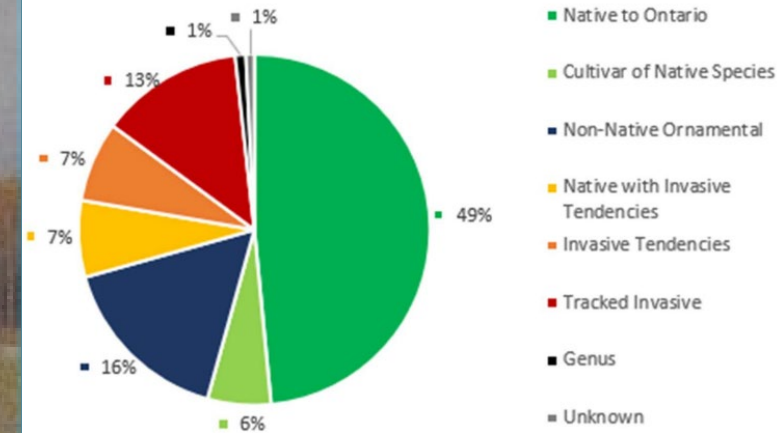
- **Retain trees on escarpment**
Conservation des arbres sur l'escarpement
- **Prioritize native plants**
Priorisation des plantes indigènes
- **Reduce maintenance**
Entretien réduit
- **Stormwater infiltration**
L'infiltration d'eaux pluviales

Vegetation Management / La gestion de la végétation

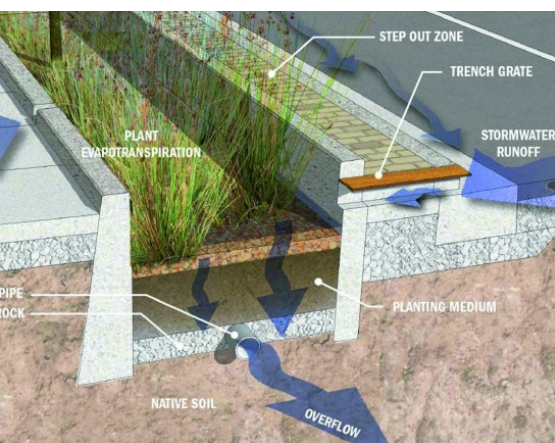
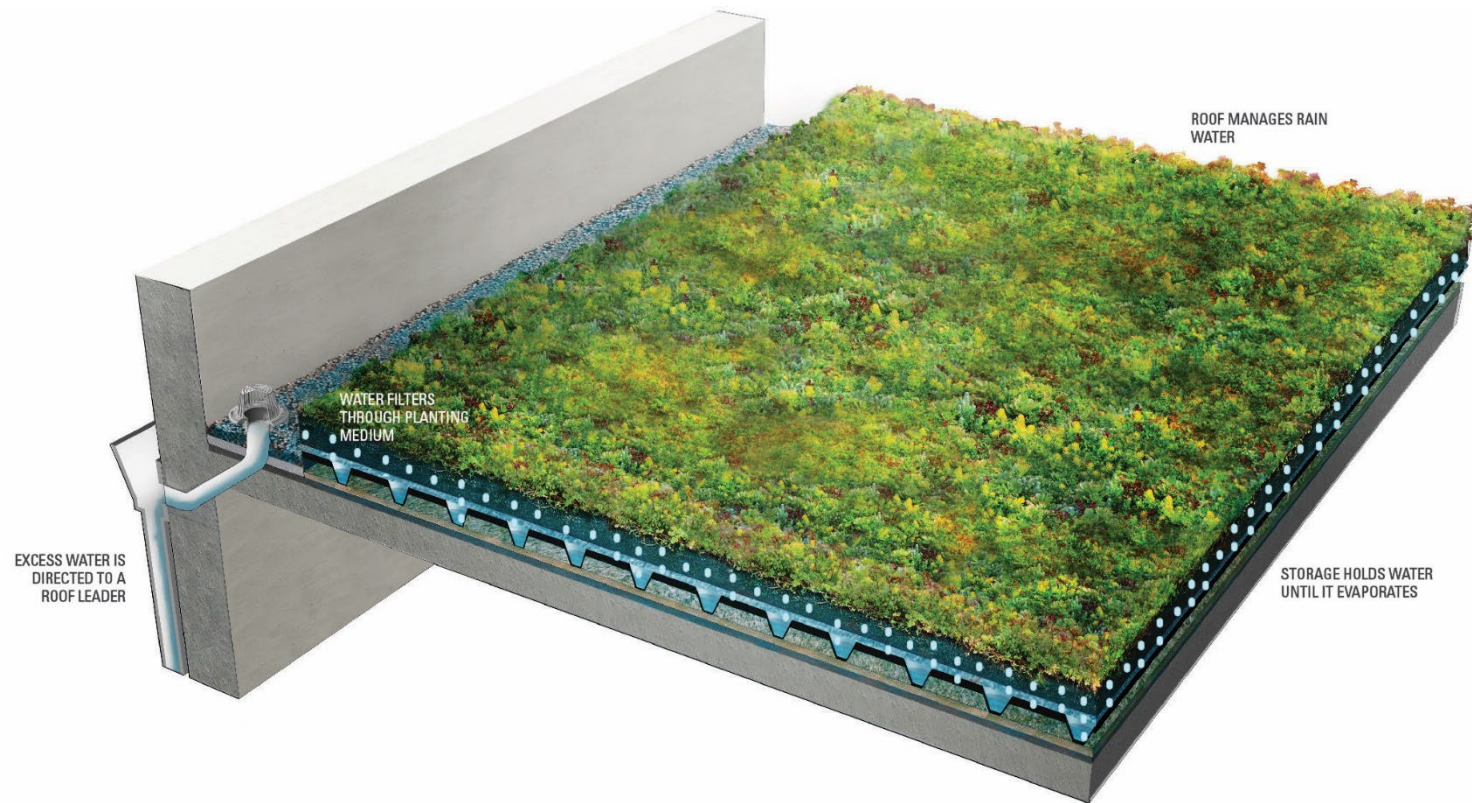
- **Net environmental gain**
Bénéfices environnementaux nets
- **Invasive species management**
Gestion des espèces envahissantes
- **Long-term canopy management**
Gestion à long terme du couvert forestier
- **Maintenance / monitoring commitment**
Engagement de contrôle et d'entretien

43%

**-Native, Invasive Trees /
indigène, arbres envahissants**

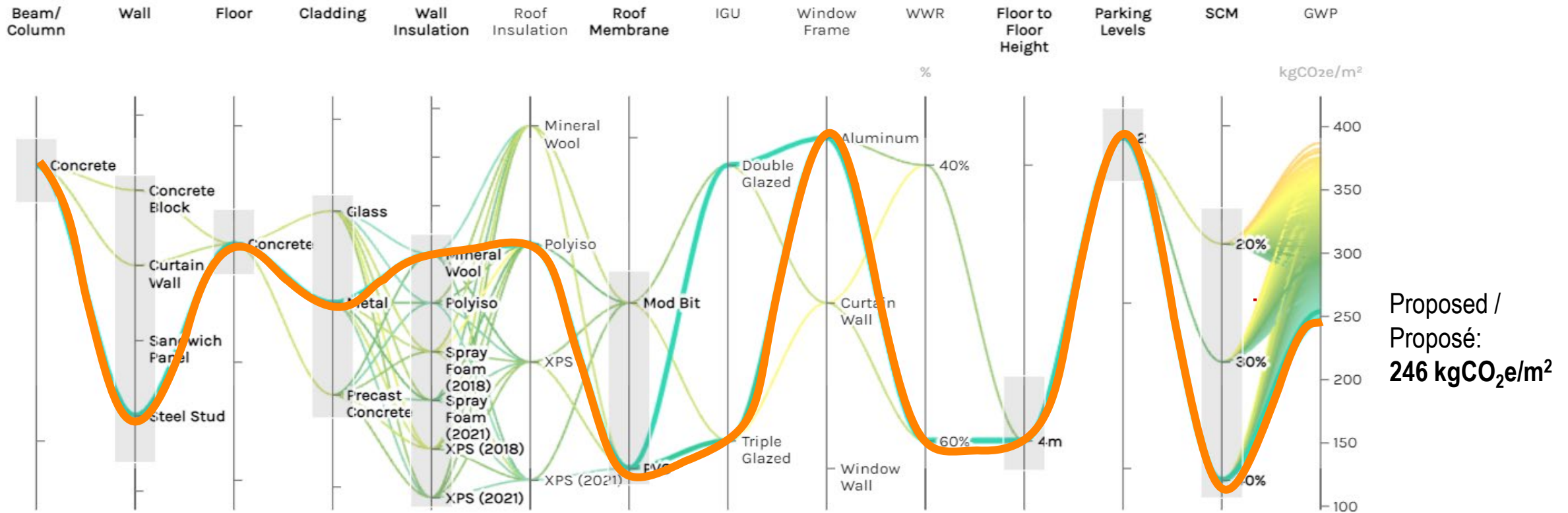


Wooded Escarpment / Escarpement boisé



**Storm Water as a Resource /
Les eaux pluviales en tant que ressource**

**Water Efficiency /
Utilisation efficace de l'eau**



↓ **30% less** Embodied Carbon / Carbone incorporé

↓ **48% less** Operational Carbon / Carbone opérationnelle

↓ **32% less** Energy / Énergie

↓ **45% less** Emissions / Émissions

UDRP Feedback, June 2023

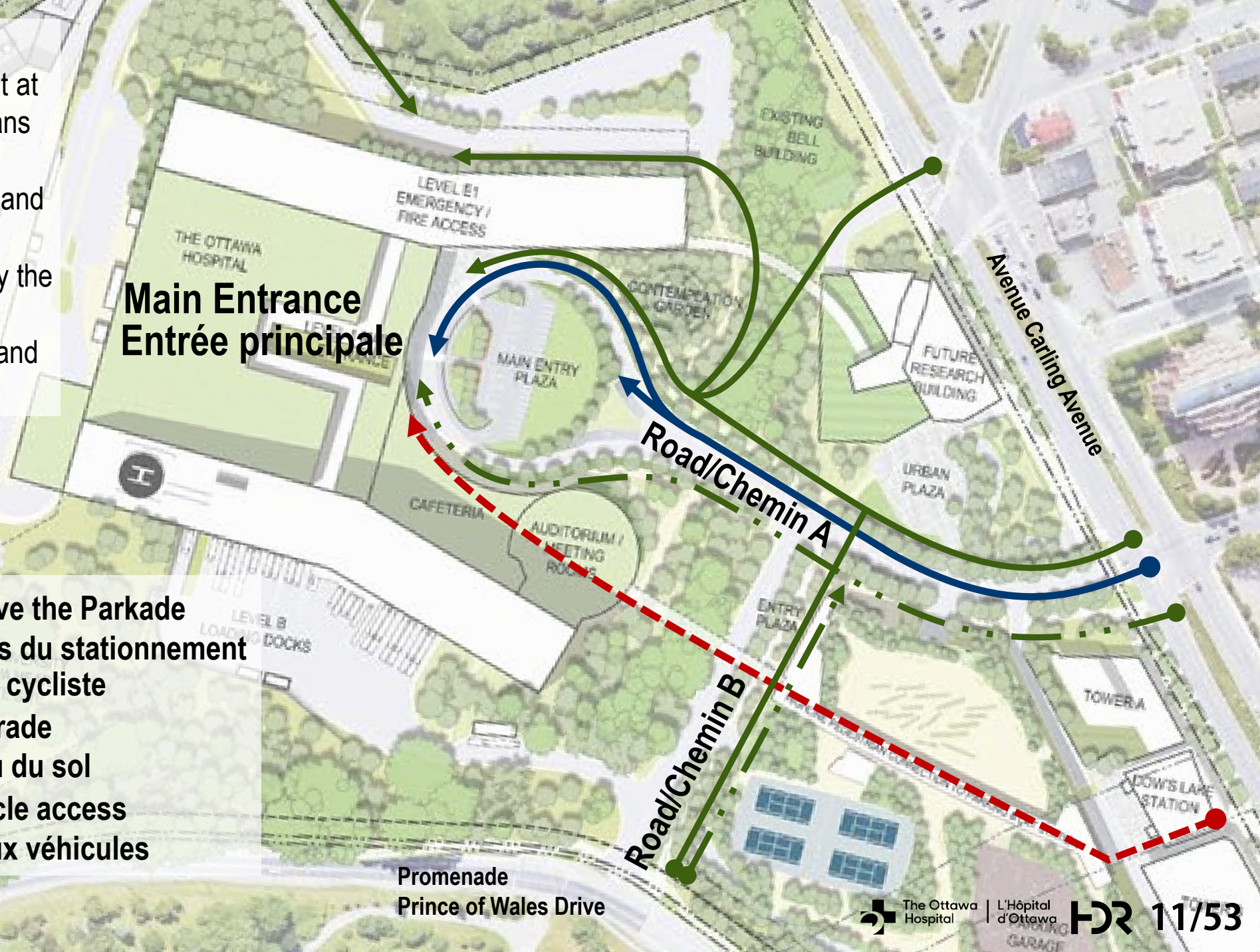
The exterior public realm treatment at the arrival is inconsistent in the plans and renderings, The relationship between the exterior public space and the building is lacking. The public realm centre piece is dominated by the drop off and parking with very little outdoor amenity area for patients and visitors.

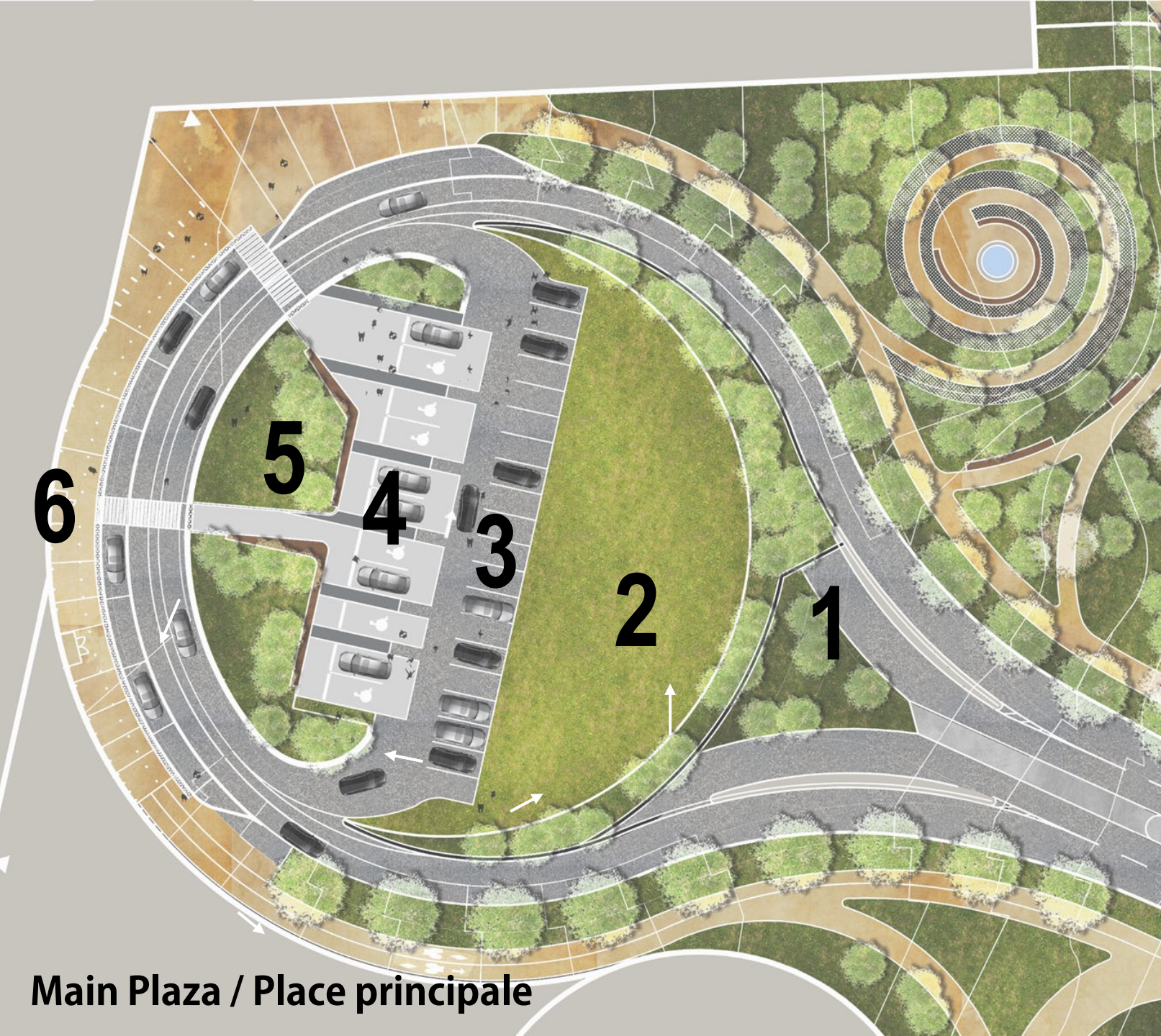


- Pedestrian access above the Parkade
Accès piéton au-dessus du stationnement
- Cycling access / Accès cycliste
- Pedestrian access at grade
Accès piéton au niveau du sol
- Para Transpo and vehicle access
Para Transpo, accès aux véhicules

Main Entrance
Entrée principale

Arrival / Arrivée





**1 Covered Emergency Access /
Accès couvert d'urgence**

2 Lawn / Pelouse

**3 Short term Parking /
stationnement à court terme**

**4 Accessible Parking /
Stationnement accessible**

**5 Entry Landscaping /
aménagement paysager à l'entrée**

**6 Main Entrance /
Entrée Principale**

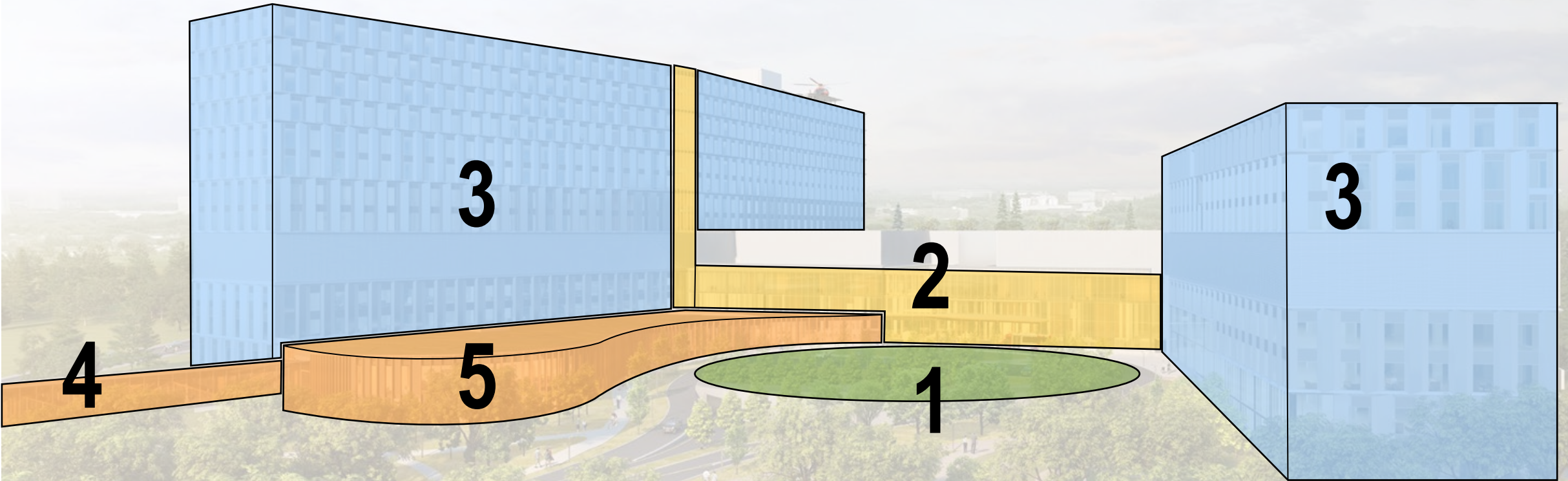
Main Plaza / Place principale



The Panel appreciates the building's organization but recommends the proponent provide perspectives from the urban realm showing the massing, access and siting of exterior elements as well as the building's articulation in greater depth when returning for a formal review.



- 1 Main Plaza / Place carrée principale
- 2 Front Concourse / Hall d'entrée
- 3 Inpatient Tower / Tour des patients
- 4 Pedestrian Bridge / Réseau piétonnier intérieur
- 5 Pavilion / Pavillon



View toward the Main Plaza / Vue vers la place principale



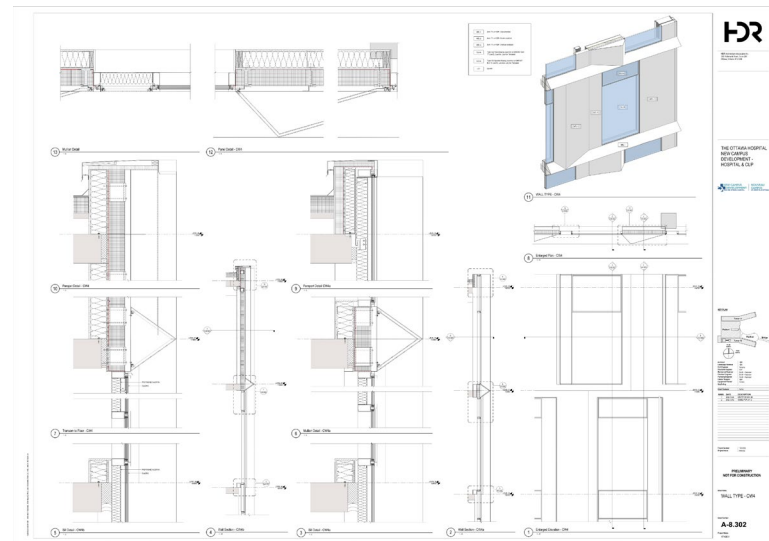
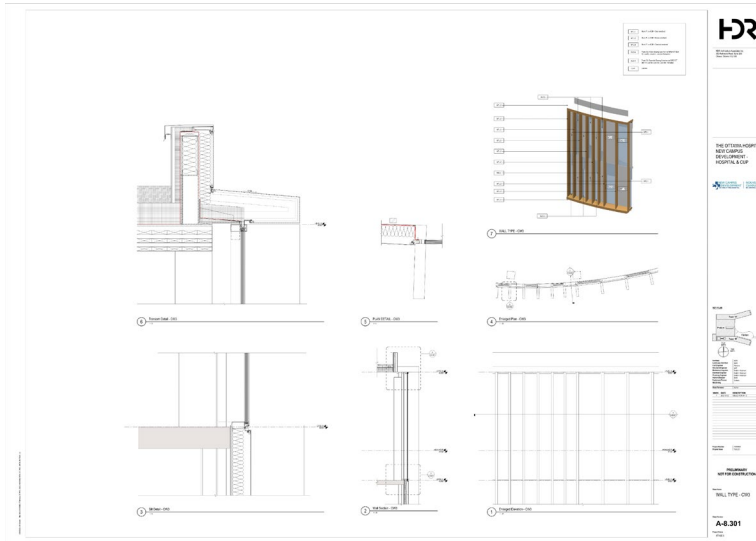
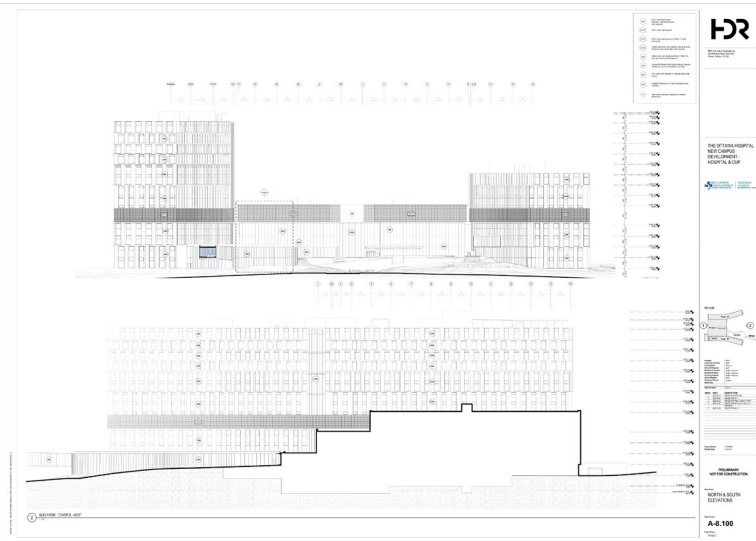
View toward the Main Plaza / Vue vers la place principale



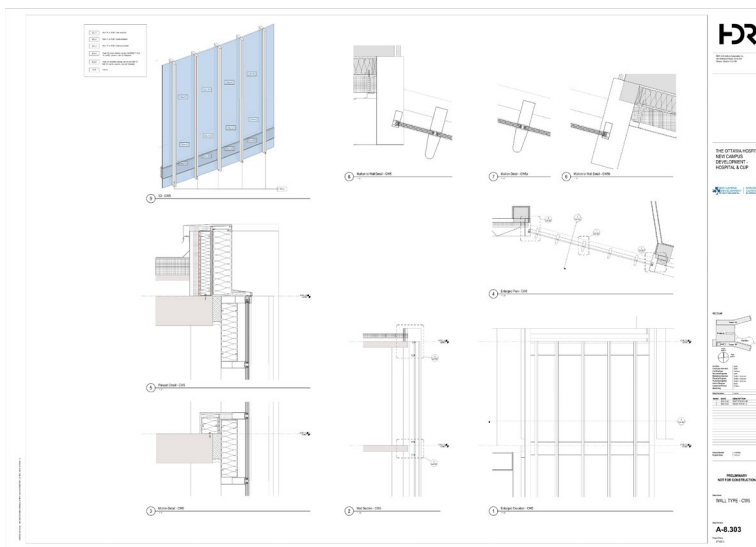
View toward the Main Plaza / Vue vers la place principale

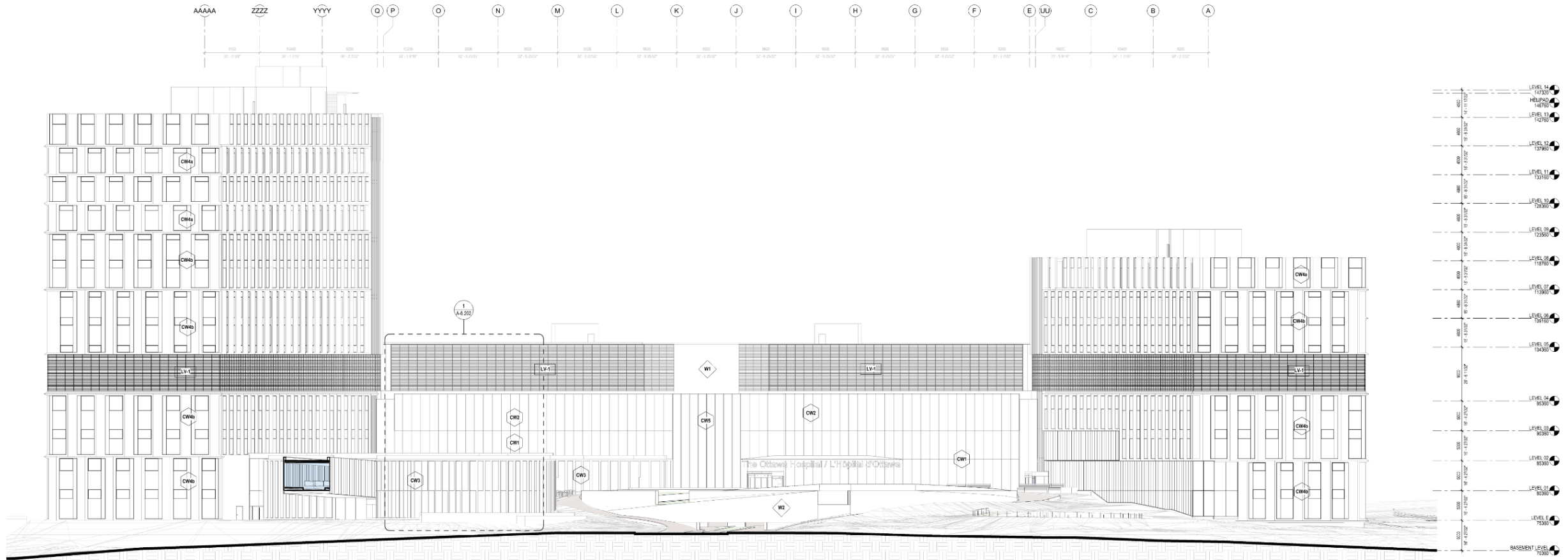
UDRP Feedback, June 2023

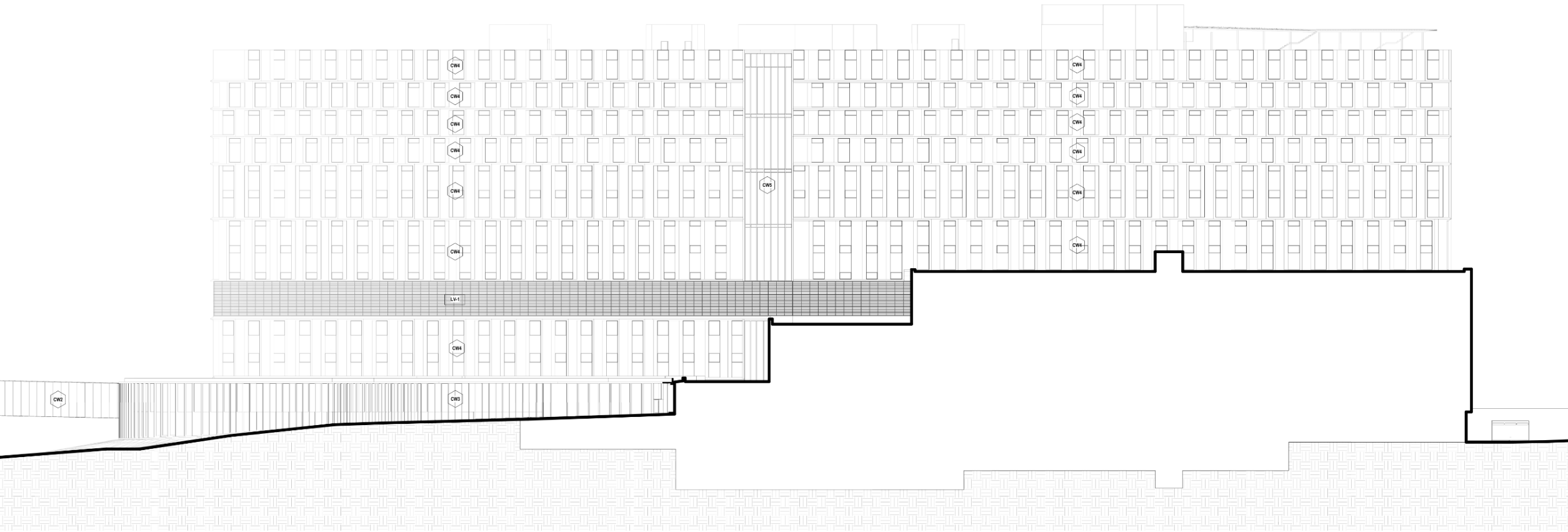
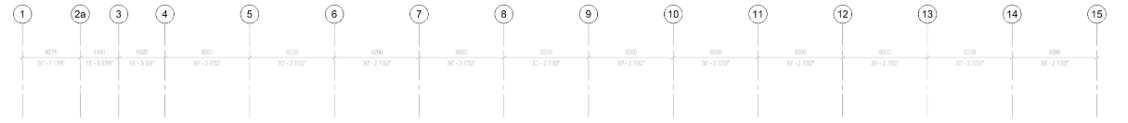
The Panel believes it is important to study the cladding and the integration of the wood elements. The proponent should consider elements that can be brought into *the cladding treatment that would tie the building into the landscape.*

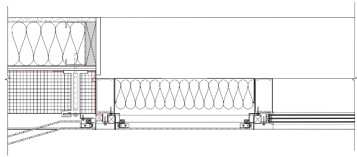


The Panel is relieved that some of the building's design elements will be secured during the P3 process and looks forward to the evolution of the development. On the next visit, the Panel would like to see architectural drawings, including building sections and details of the model.

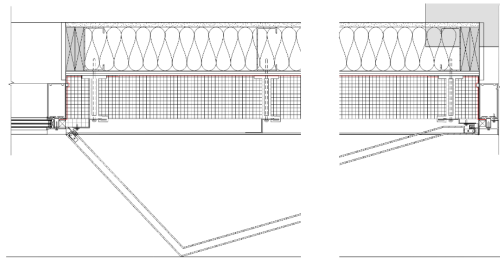






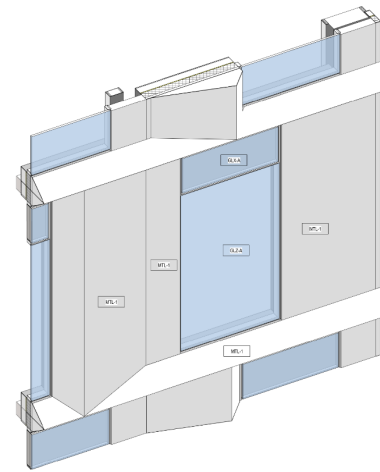


13 Mullion Detail
1:1

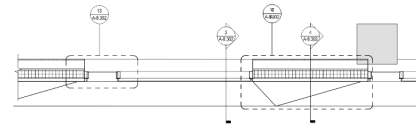


12 Panel Detail - CW4
1:1

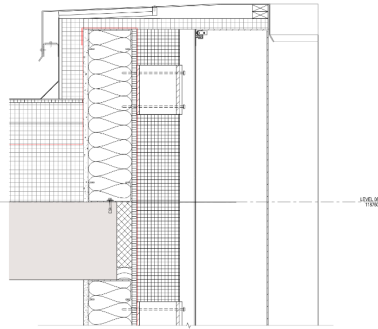
MTL.1	Alu. Pt. or ACM - Clear window
MTL.2	Alu. Pt. or ACM - Bronze window
MTL.3	Alu. Pt. or ACM - Chromed window
GLA	Triple IGU Insulating Low-E or SPCIGU Glass 17.14mm (Low-E) Coated (Per Panel)
GLA.1	Triple IGU Insulating Low-E or SPCIGU Glass 17.14mm (Low-E) Coated (Low-E) Tinted
LV.1	Levers



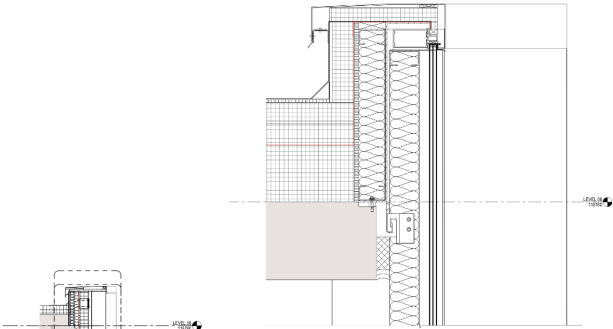
11 WALL TYPE - CW4



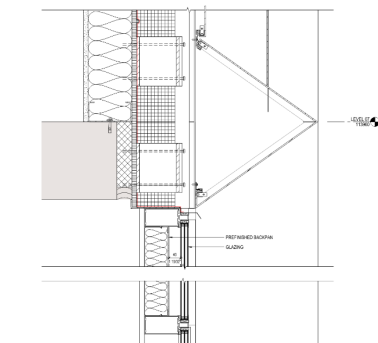
8 Enlarged Plan - CW4
1:20



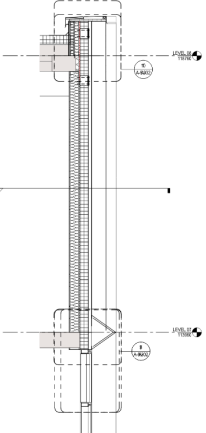
10 Parapet Detail - CW4
1:1



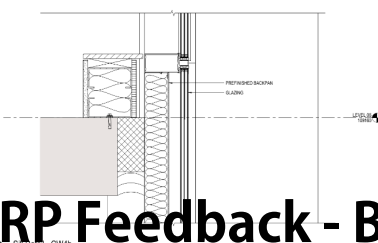
9 Parapet Detail CW4a
1:1



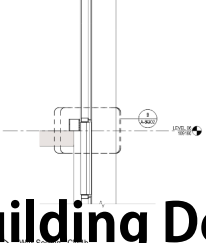
7 Transom to Floor - CW4
1:1



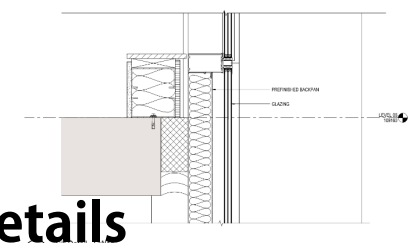
6 Mullion Detail - CW4a
1:1



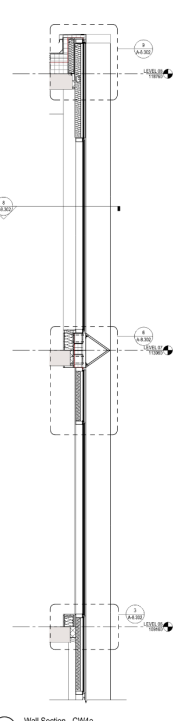
5 Sill Detail - CW4b
1:1



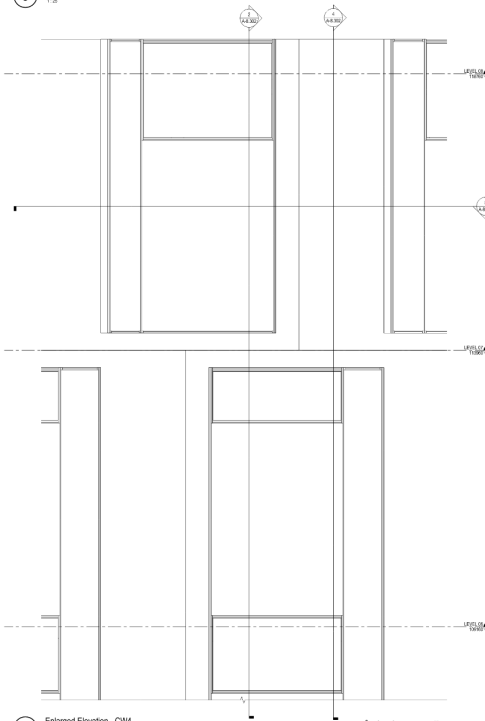
4 Wall Section - CW4
1:20



3 Panel Detail - CW4
1:1



2 Wall Section - CW4a
1:20

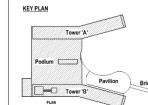


1 Enlarged Elevation - CW4
1:20



HDR Architecture Associates Inc.
305 Riverport Road, Suite 200
Ottawa, Canada K1V 8A8

THE OTTAWA HOSPITAL
NEW CAMPUS
DEVELOPMENT -
HOSPITAL & CUP



Architect	HDR
Lead Architect	HDR
Civil Engineer	TRC/RS
Structural Engineer	TRC/RS
Mechanical Engineer	TRC/RS
Electrical Engineer	TRC/RS
Plumbing Engineer	TRC/RS
Water Designer	HDR
Occupational Planner	TRC/RS
Windowing	HDR

MARK	DATE	DESCRIPTION
1	2022-10-26	DRAWN FOR 04.10.22
2	2022-10-26	ISSUED FOR 04.10.22

Project Number: 1003392
Original Issue: 09/01/22

PRELIMINARY
NOT FOR CONSTRUCTION

Sheet Name:
WALL TYPE - CW4

Sheet Number:
A-8.30

Project Name:
STAGE 3

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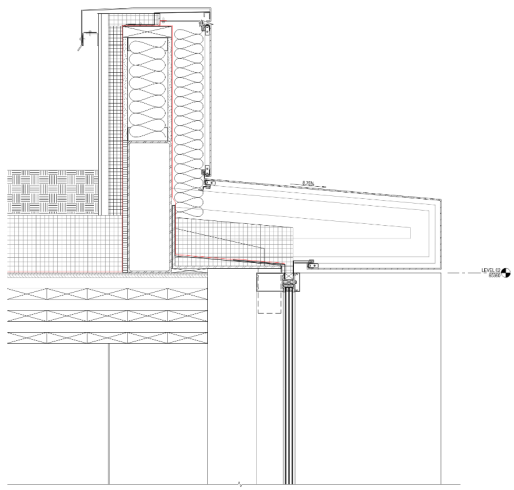


HDR Architecture Associates Inc.
300 Riverport Road, Suite 200
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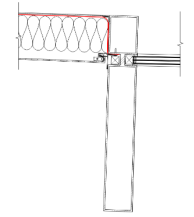
THE OTTAWA HOSPITAL
NEW CAMPUS
DEVELOPMENT -
HOSPITAL & CUP



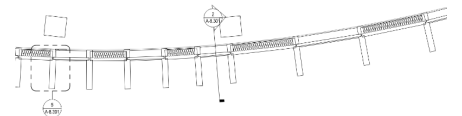
- WFL-1 Alum. Flt. or ACM - Clear window
- WFL-2 Alum. Flt. or ACM - Bronze window
- WFL-3 Alum. Flt. or ACM - Clear window
- GL-2A Tinted Glass Glazing Low Iron for SBC/ST Daylight
- GL-2B Tinted Glass Glazing Low Iron for SBC/ST Night
- GL-2C Tinted Glass Glazing Low Iron for SBC/ST
- GL-2D Tinted Glass Glazing Low Iron for SBC/ST
- GL-2E Tinted Glass Glazing Low Iron for SBC/ST
- GL-2F Tinted Glass Glazing Low Iron for SBC/ST
- GL-2G Tinted Glass Glazing Low Iron for SBC/ST
- GL-2H Tinted Glass Glazing Low Iron for SBC/ST
- GL-2I Tinted Glass Glazing Low Iron for SBC/ST
- GL-2J Tinted Glass Glazing Low Iron for SBC/ST
- GL-2K Tinted Glass Glazing Low Iron for SBC/ST
- GL-2L Tinted Glass Glazing Low Iron for SBC/ST
- GL-2M Tinted Glass Glazing Low Iron for SBC/ST
- GL-2N Tinted Glass Glazing Low Iron for SBC/ST
- GL-2O Tinted Glass Glazing Low Iron for SBC/ST
- GL-2P Tinted Glass Glazing Low Iron for SBC/ST
- GL-2Q Tinted Glass Glazing Low Iron for SBC/ST
- GL-2R Tinted Glass Glazing Low Iron for SBC/ST
- GL-2S Tinted Glass Glazing Low Iron for SBC/ST
- GL-2T Tinted Glass Glazing Low Iron for SBC/ST
- GL-2U Tinted Glass Glazing Low Iron for SBC/ST
- GL-2V Tinted Glass Glazing Low Iron for SBC/ST
- GL-2W Tinted Glass Glazing Low Iron for SBC/ST
- GL-2X Tinted Glass Glazing Low Iron for SBC/ST
- GL-2Y Tinted Glass Glazing Low Iron for SBC/ST
- GL-2Z Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AA Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AB Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AC Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AD Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AE Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AF Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AG Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AH Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AI Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AJ Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AK Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AL Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AM Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AN Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AO Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AP Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AQ Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AR Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AS Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AT Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AU Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AV Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AW Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AX Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AY Tinted Glass Glazing Low Iron for SBC/ST
- GL-2AZ Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAA Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAB Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAC Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAD Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAE Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAF Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAG Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAH Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAI Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAJ Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAK Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAL Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAM Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAN Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAO Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAP Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAQ Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAR Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAS Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAT Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAU Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAV Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAW Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAX Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAY Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAZ Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAAA Tinted Glass Glazing Low Iron for SBC/ST
- GL-2BAAA



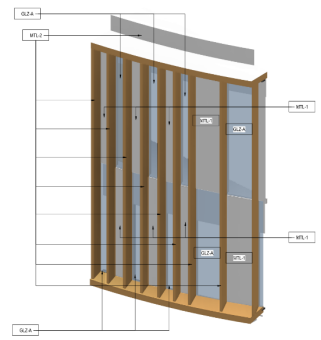
6 Transom Detail - CW3
1:5



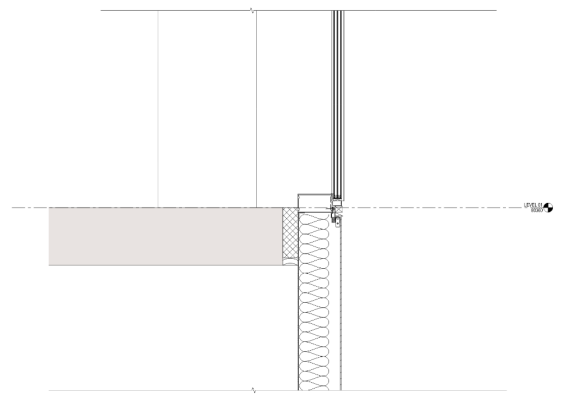
5 PLAN DETAIL - CW3
1:5



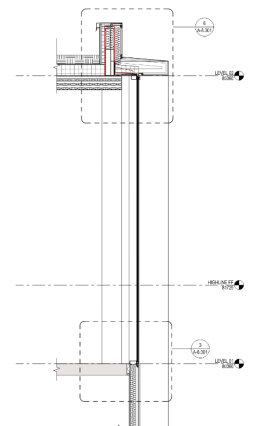
4 Enlarged Plan - CW3
1:25



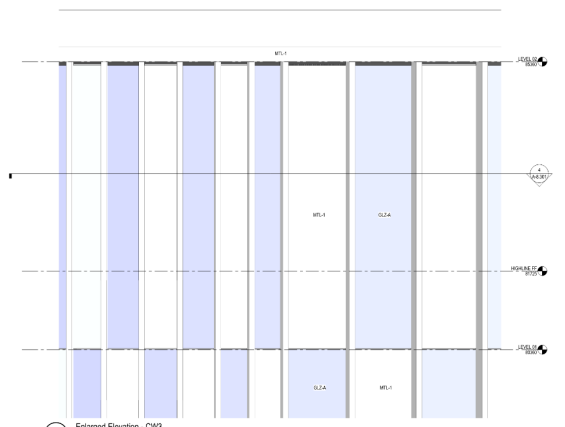
7 WALL TYPE - CW3



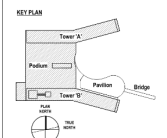
3 Sill Detail - CW3
1:5



2 Wall Section - CW3
1:25



1 Enlarged Elevation - CW3
1:25



Architect: HDR
 Landscape Architect: HDR
 Civil Engineer: HDR
 Mechanical Engineer: HDR
 Electrical Engineer: HDR
 Plumbing Engineer: HDR
 Interior Designer: HDR
 Designated Person: HDR
 Written by: HDR

MARK	DATE	DESCRIPTION
1	2022-11-02	ISSUED FOR IAT 2

Project Number: 100090
Original Issue: 10/1/20

PRELIMINARY
NOT FOR CONSTRUCTION

Sheet Name:
WALL TYPE - CW3

Sheet Number:
A-8.20
Project Status:
STAGE 3

The pavilion as an arrival element is appreciated, but the proponent should study how the pavilion will look and feel at night as the colonnade and upper walkway appear overwhelming



View of the Main Plaza / Vue de la place principale

The proponent should consider bringing the light well forward to create a well-defined feature to tie the entrance.



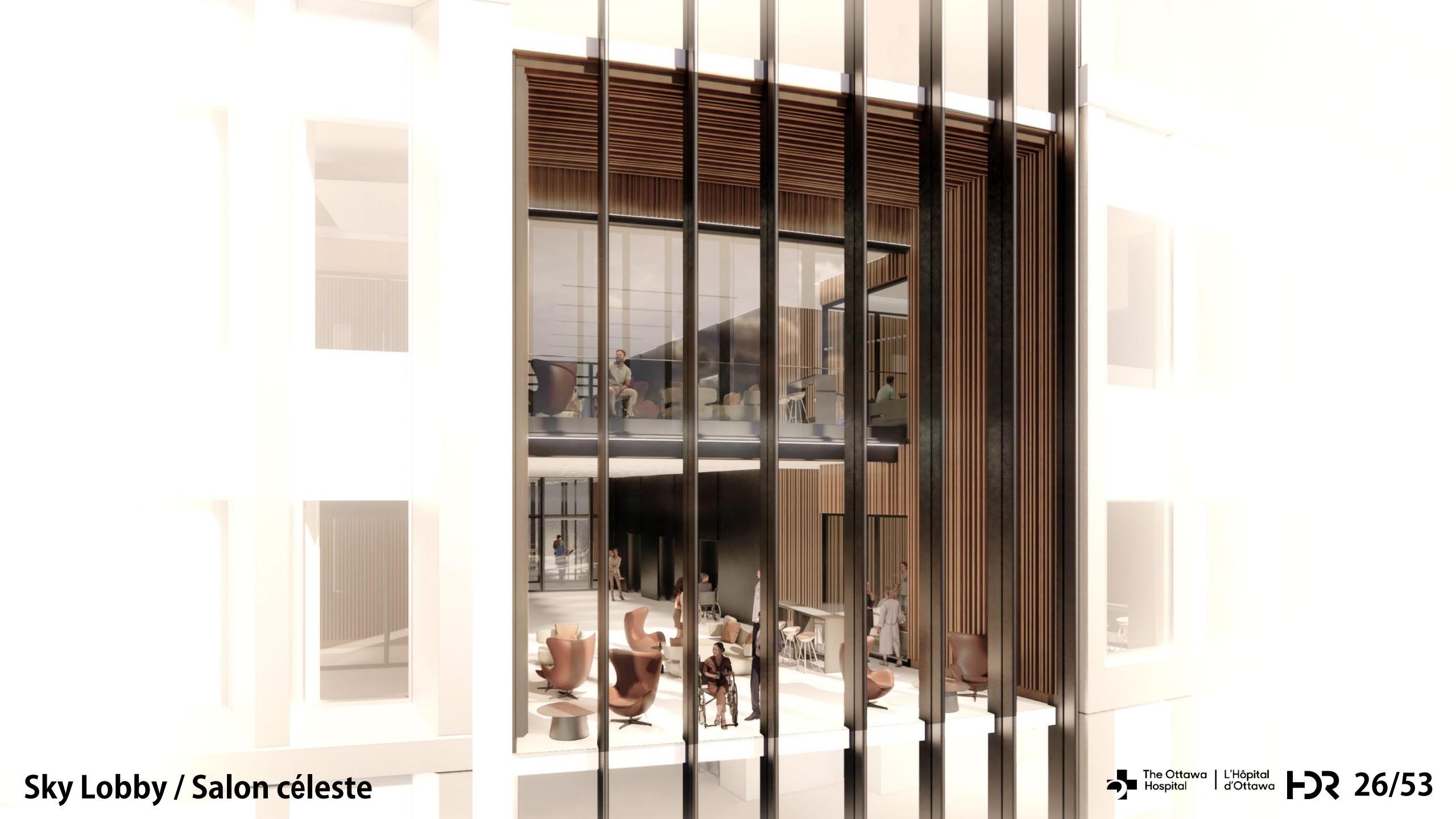
View of the Main Plaza / Vue de la place principale

UDRP Feedback, June 2023

The main entrance façade has too many elements; the black frame on the second and third floors adds a layer that detracts from the light well elevation, and the wood canopy appears very thin.



View of the Main Entrance / Vue de l'entrée principale



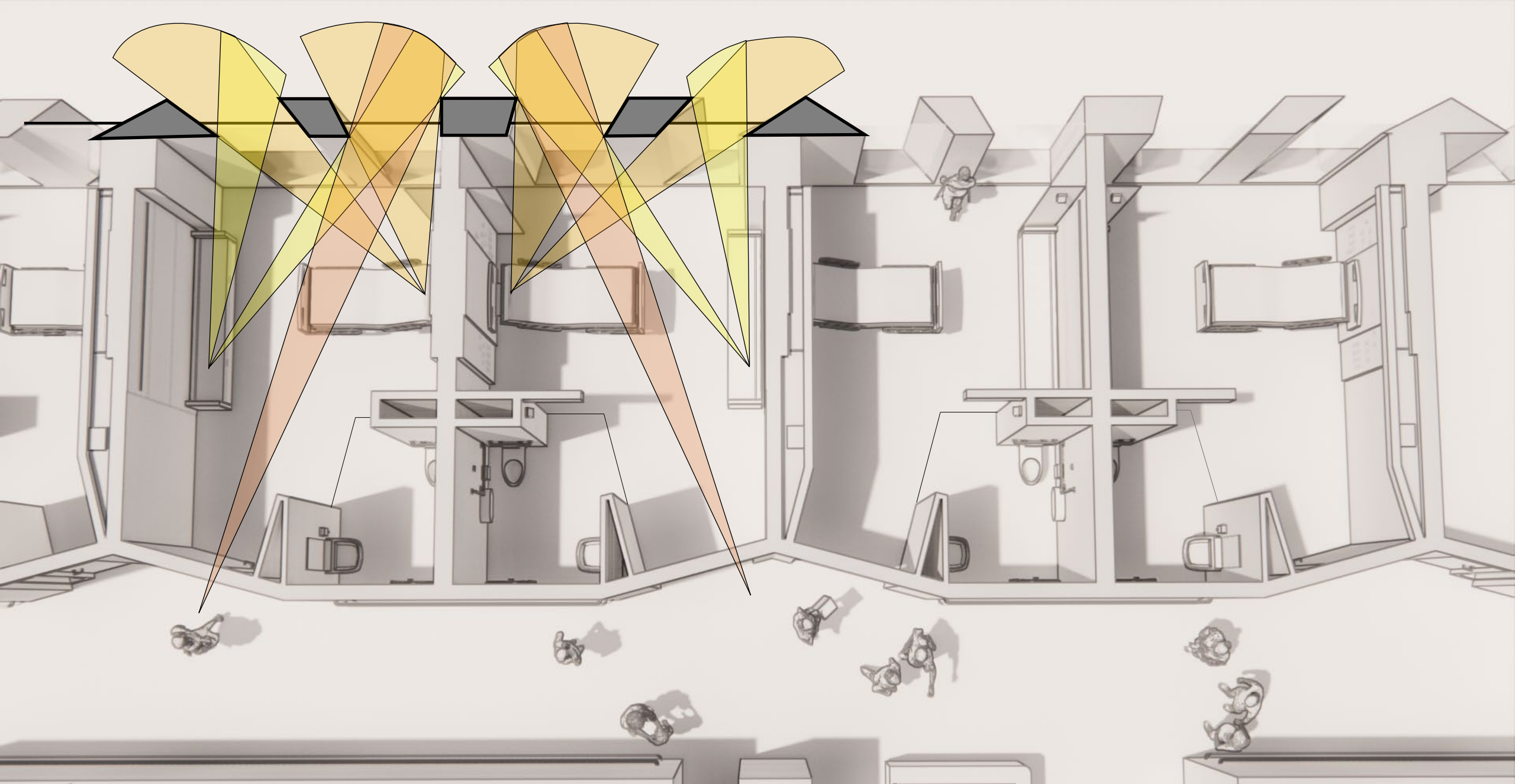
Sky Lobby / Salon céleste



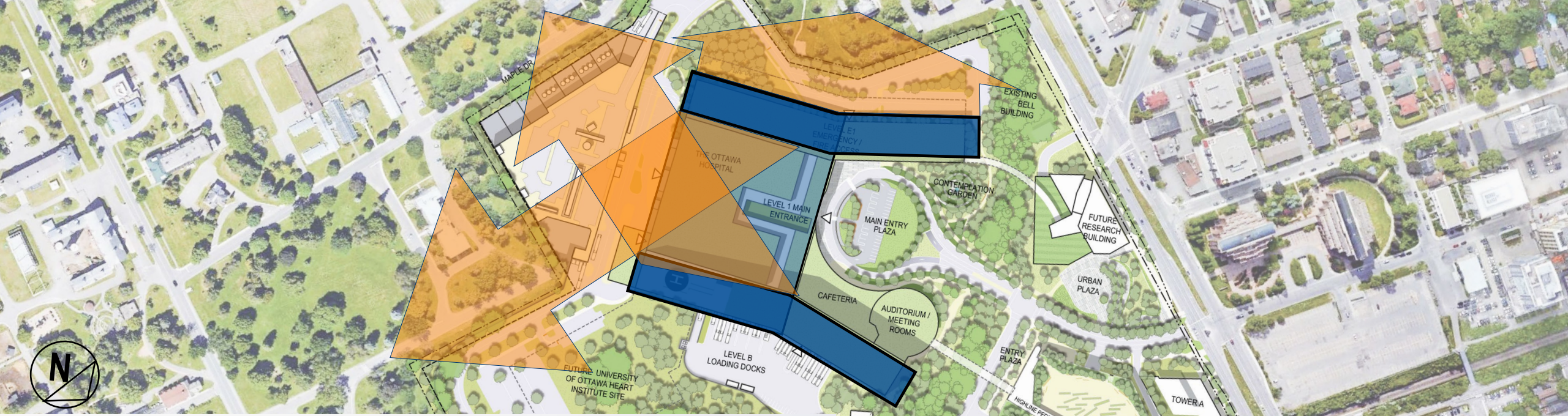
Sky Lobby / Salon céleste



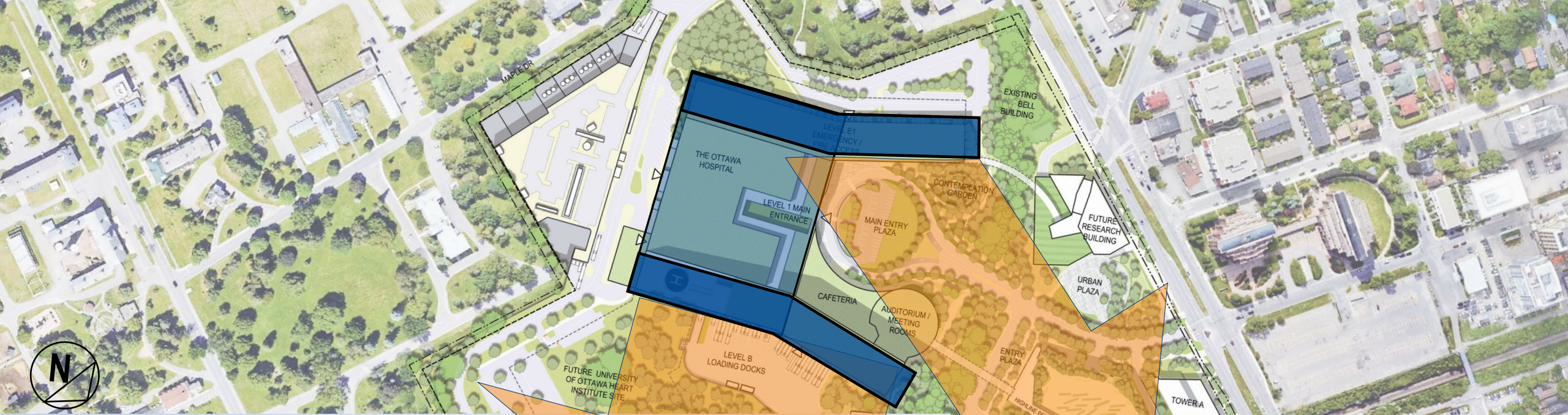
Sky Lobby / Salon céleste



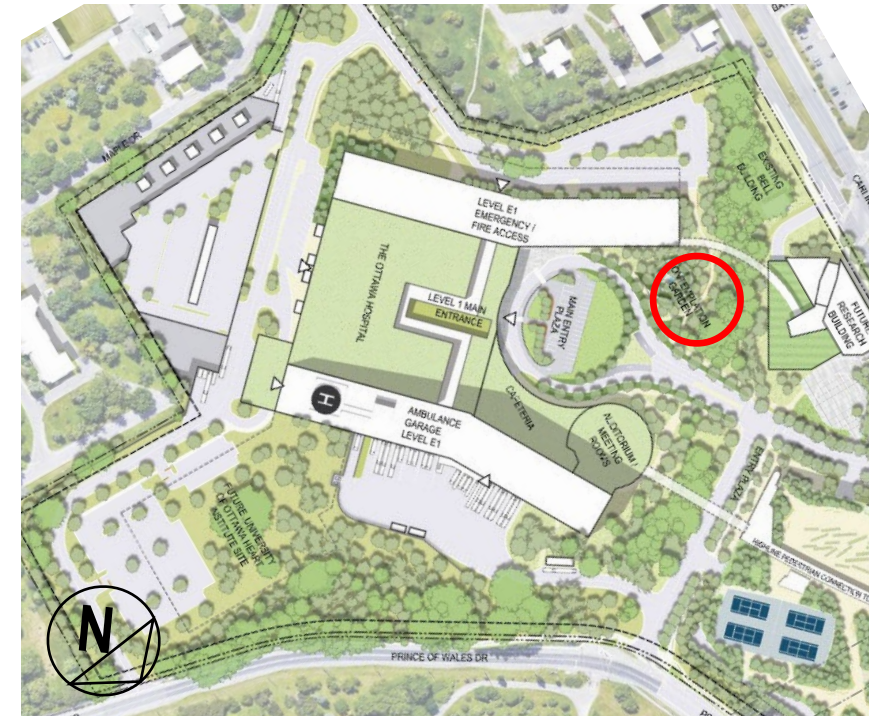
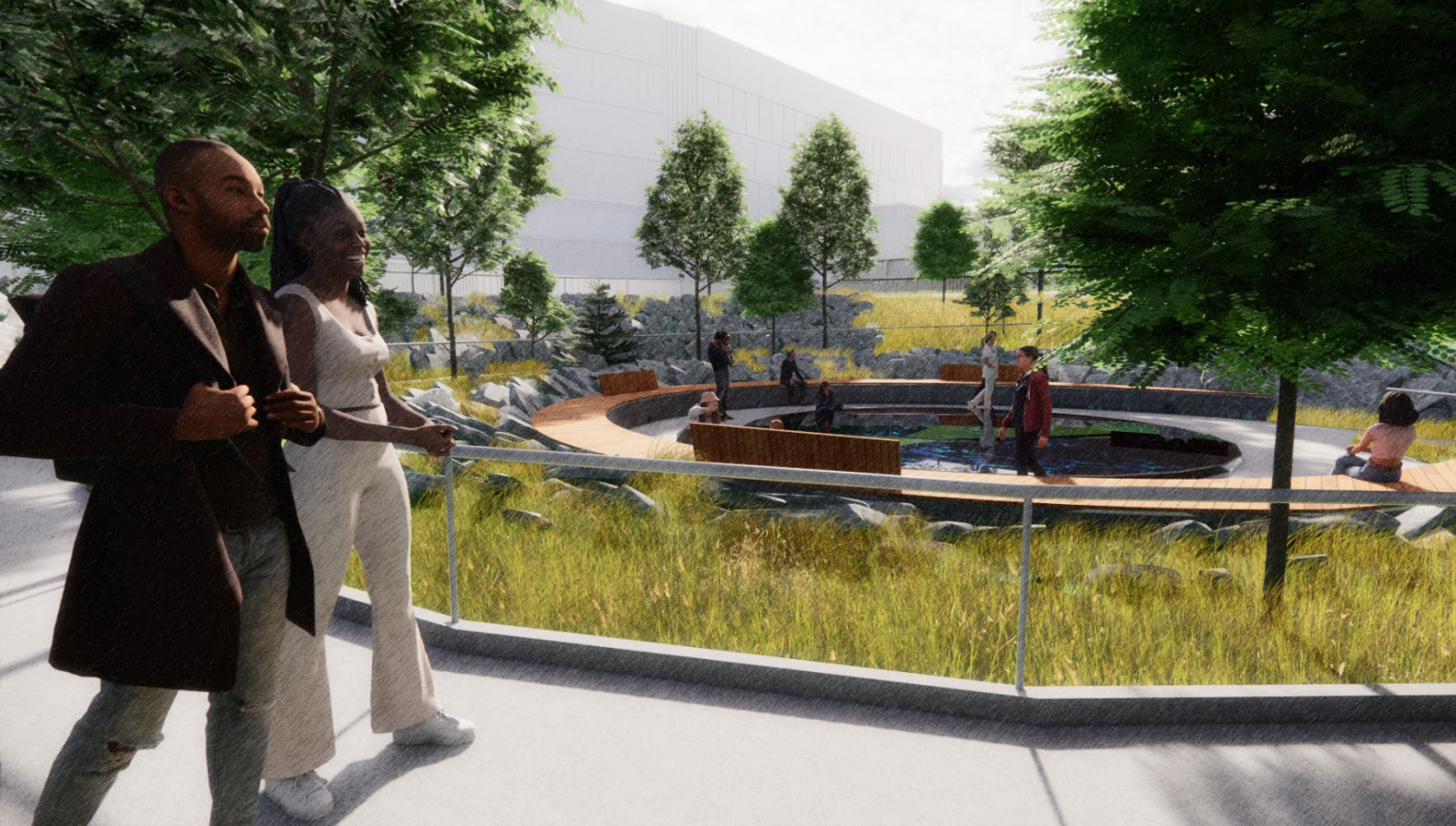
Inpatient Room Views / Vues des chambres de patients



Inpatient Room Views / Vues des chambres de patients



Inpatient Room Views / Vues des chambres de patients



Key Plan / Plan clé

UDRP Feedback, June 2023

The building would benefit from having dynamic exterior public spaces integrated with the pavilion and creating an entry plaza by reducing surface parking spaces. The proponent should also consider providing public access to rooftops.



Landscape Amenity Concept / Concept de paysage de loisirs



The Panel would like to see the building within the broader urban context given that the site has a strong landscape legacy. The views (largely taken from the pedestrian level) should show how the building appears in the foreground, middle ground, and background to understand how the building can be brought into the landscape. The proponent should consider specific vegetation that would compliment this historic landscape.





Main Plaza - Activity / Place principale - animation



Key Plan / Plan clé

**View from Prince of Wales Drive and Preston Street /
Vue de Promenade Prince of Wales et la rue Preston**



Key Plan / Plan clé

View from Prince of Wales Drive and Road B /
Vue de la Promenade Prince of Wales et le chemin B

Deciduous Trees



Acer saccharum - Sugar Maple



Quercus rubra - Red Oak



Betula papyrifera - White Birch



Amelanchier - Serviceberry



Acer nigrum - Black Maple



Cercis canadensis - Eastern Redbud



Cornus alternifolia - Alternate-leaved Dog-



Prunus Americana - American plum, wild

Evergreens



Pinus strobus - Eastern White Pine



Juniperus virginiana - Eastern Red Cedar

Mixed Woods Understory



Arctostaphylos uva-ursi - Bearberry



Tiarella - Foam Flower



Adiantum - Madenhair Fern



Vaccinium Angustifolium - Lowbush

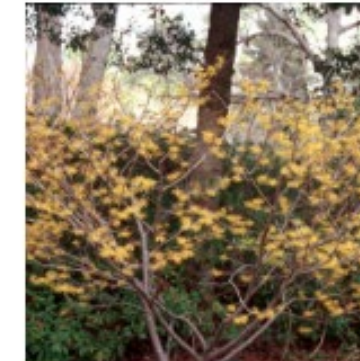


Melanthiaceae - Trillium



Matteuccia struthiopteris - Ostrich

Co-dominant Understory



Hamamelis virginiana - American Witch-



Viburnum acerifolium - Mapleleaf



Rhus aromatica - Tufted Hairgrass

Evergreen Trees and Woodland Understory Plants

Arbres à feuilles persistantes et plantes de sous-étage boisé

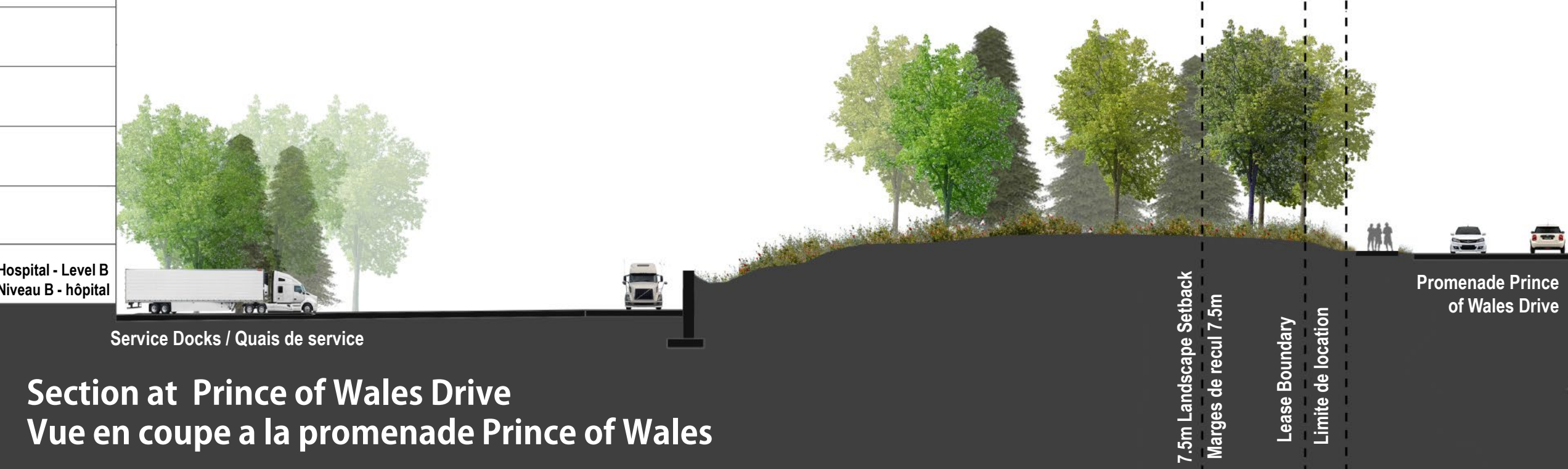


UDRP Feedback, June 2023

The Panel is cognizant of the challenges posed by screening the loading bay, but it is paramount to the design of the site not to have the loading bay visible to the public.



Key Plan / Plan clé



Section at Prince of Wales Drive
 Vue en coupe a la promenade Prince of Wales



Key Plan / Plan clé



View from Queen Elizabeth Drive /
Vue de la promenade Reine Elizabeth



Key Plan / Plan clé



View from Carling Avenue and Maple Drive
Vue de l'avenue Carling et la promenade Maple



Key Plan / Plan clé



**View from the Dominion Observatory
Vue de l'observatoire du Dominion**



Key Plan / Plan clé

View toward the West Entrance / Vue vers l'entrée ouest



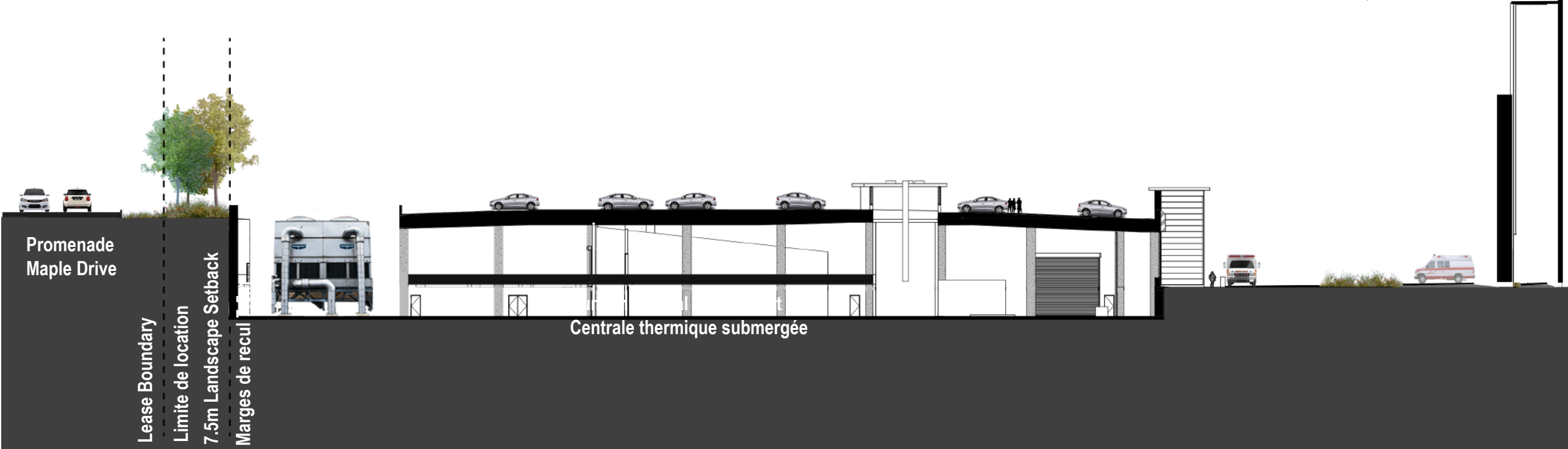
Key Plan / Plan clé

View from Maple Drive
Vue de la promenade Maple

Section at Maple Drive Vue en coupe a la promenade Maple



Key Plan / Plan clé





Key Plan / Plan clé



Emergency Services Area / Zone des services d'urgence



Key Plan / Plan clé



Emergency Services Area / Zone des services d'urgence



Key Plan / Plan clé

View toward the Saunders Building from Maple Drive /
Vue l'edifice Saunders de la promenade Maple



Key Plan / Plan clé

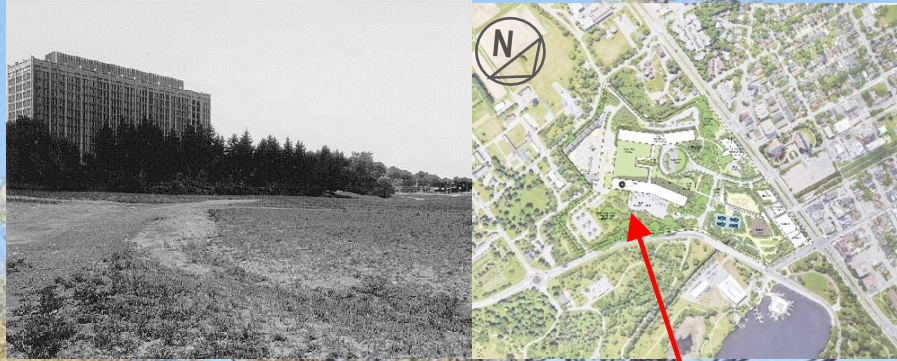


View from Prince of Wales Drive and Experimental Farm Pathway /
Vue de la promenade Prince of Wales et parcours ferme expérimentale



Key Plan / Plan clé

**View along Prince of Wales Drive
Vue le long de la Promenade Prince of Wales**



Key Plan / Plan clé

View from Rideau Canal Western Pathway /
Vue de la sentier ouest du canal Rideau



View toward the Main Plaza / Vue vers la place principale



View toward the Main Plaza / Vue vers la place principale