

DESIGN BRIEF 77 METCALFE

OTTAWA | ON JULY 9 2025 | 13466



MACH

FOTENN

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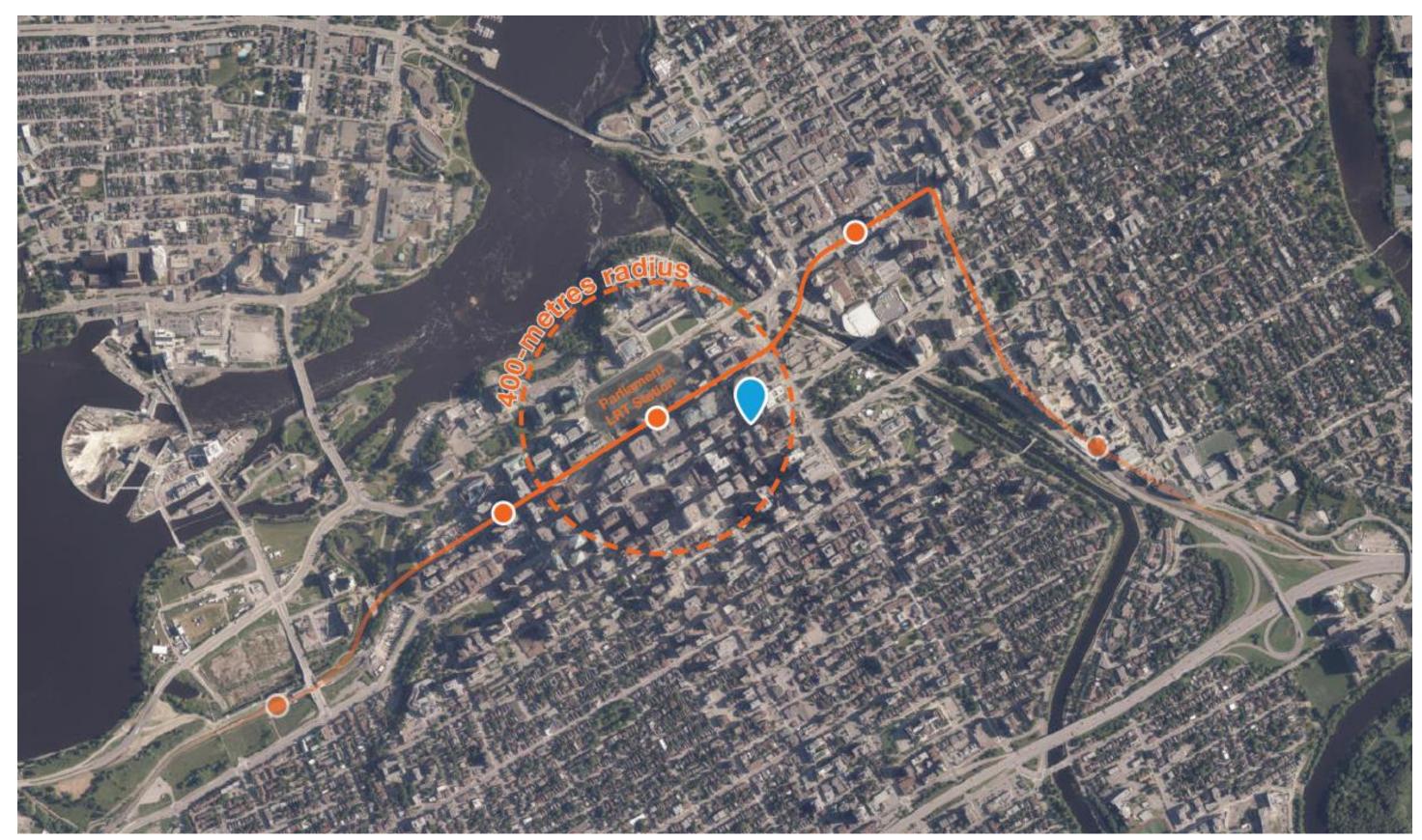
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77 METCALFE - SITE LOCATION

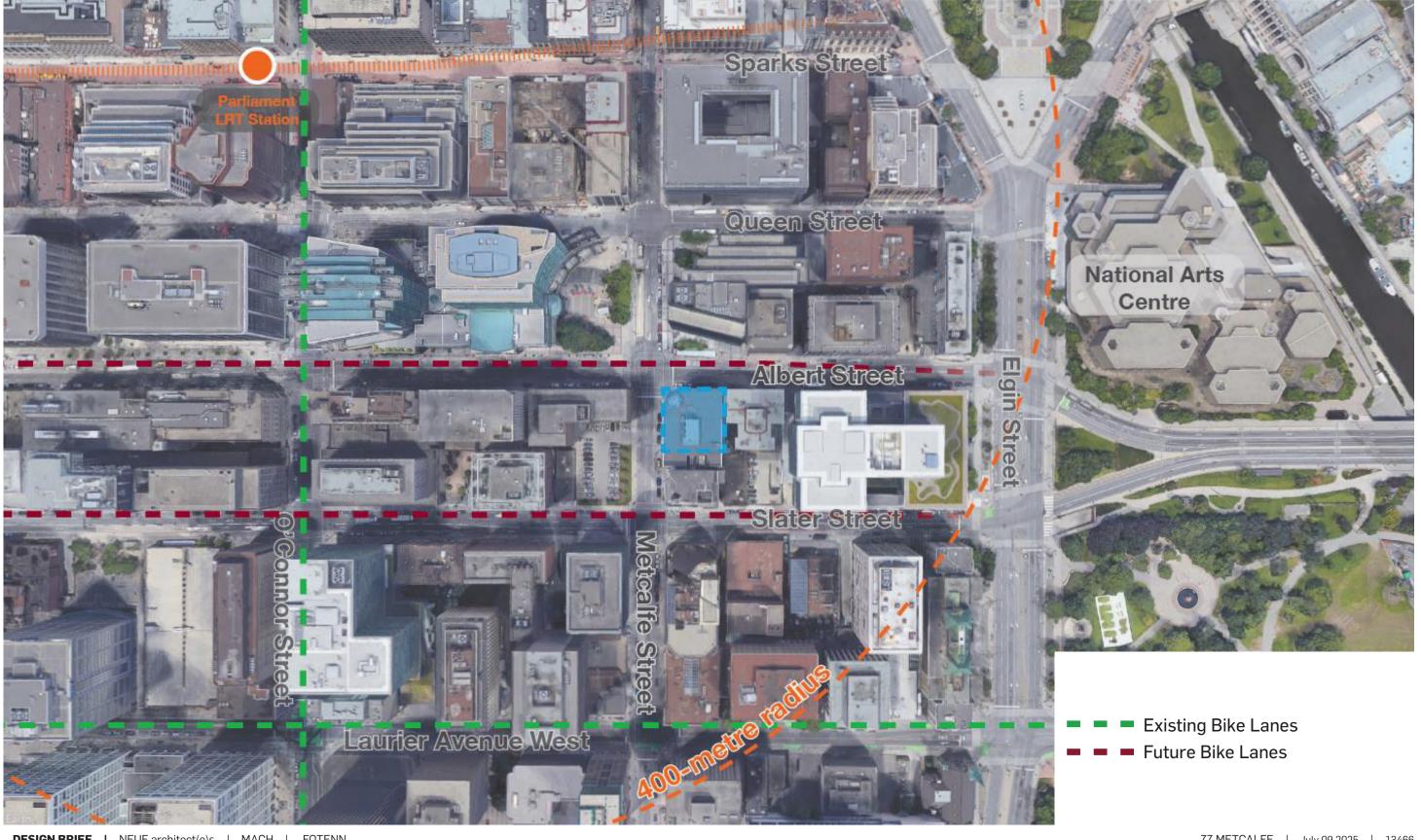




77 METCALFE - PLANNED CONTEXT

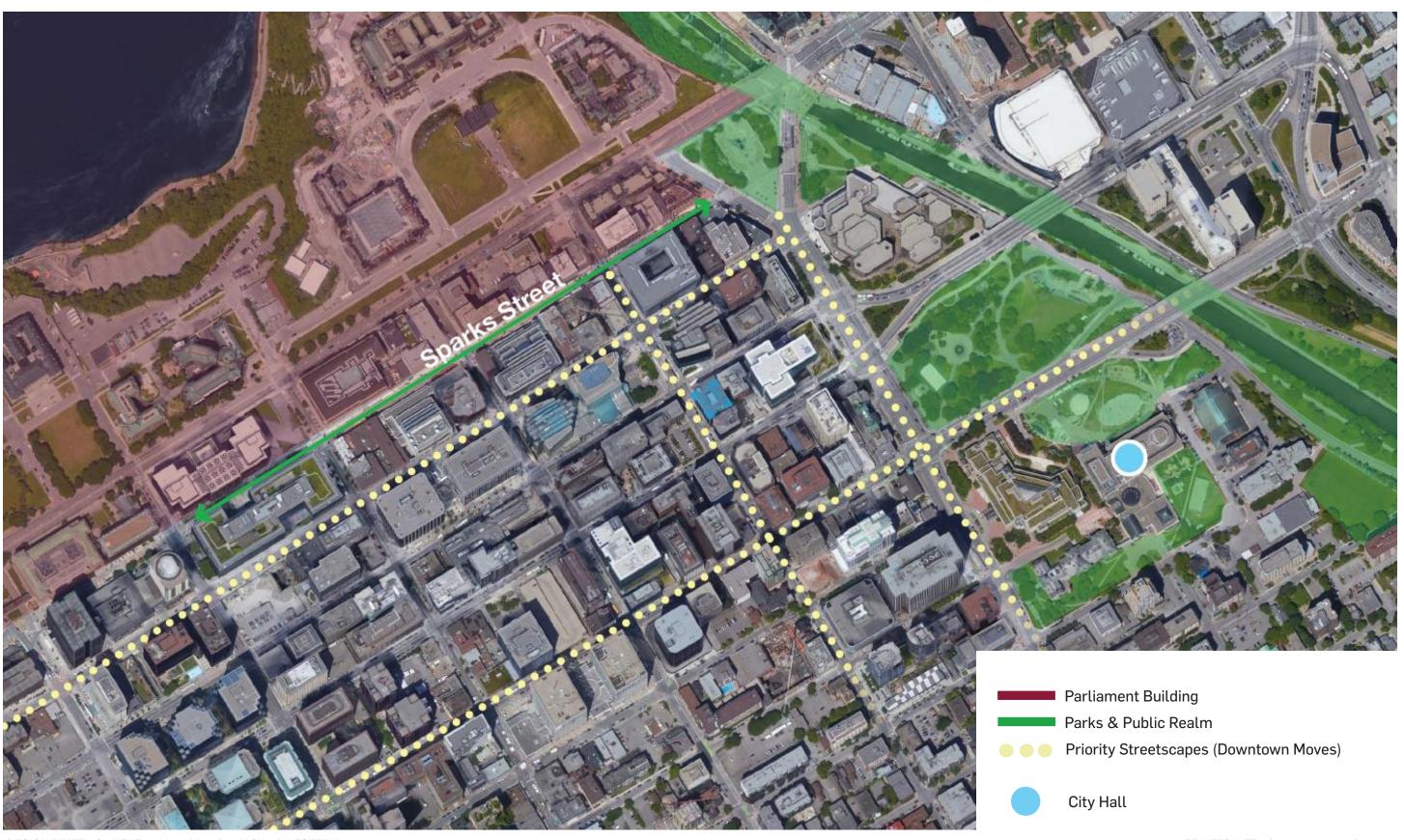


77 METCALFE - ACTIVE TRANSPORTATION AND SUSTAINABLE MOBILITY

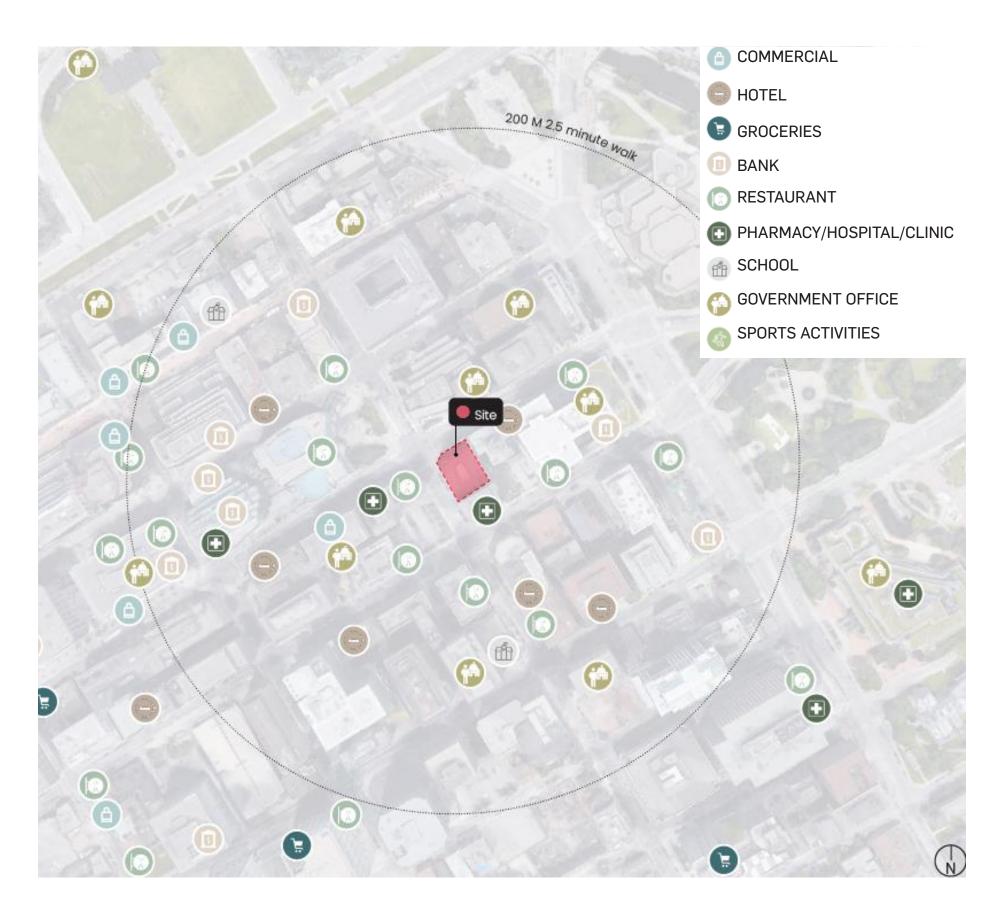


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77 METCALFE - IDENTIFICATION OF PUBLIC REALM



77 METCALFE - LOCAL SERVICES

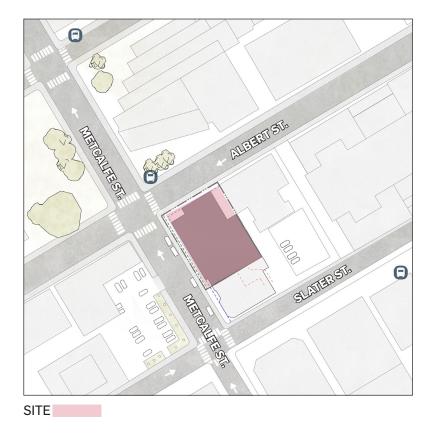


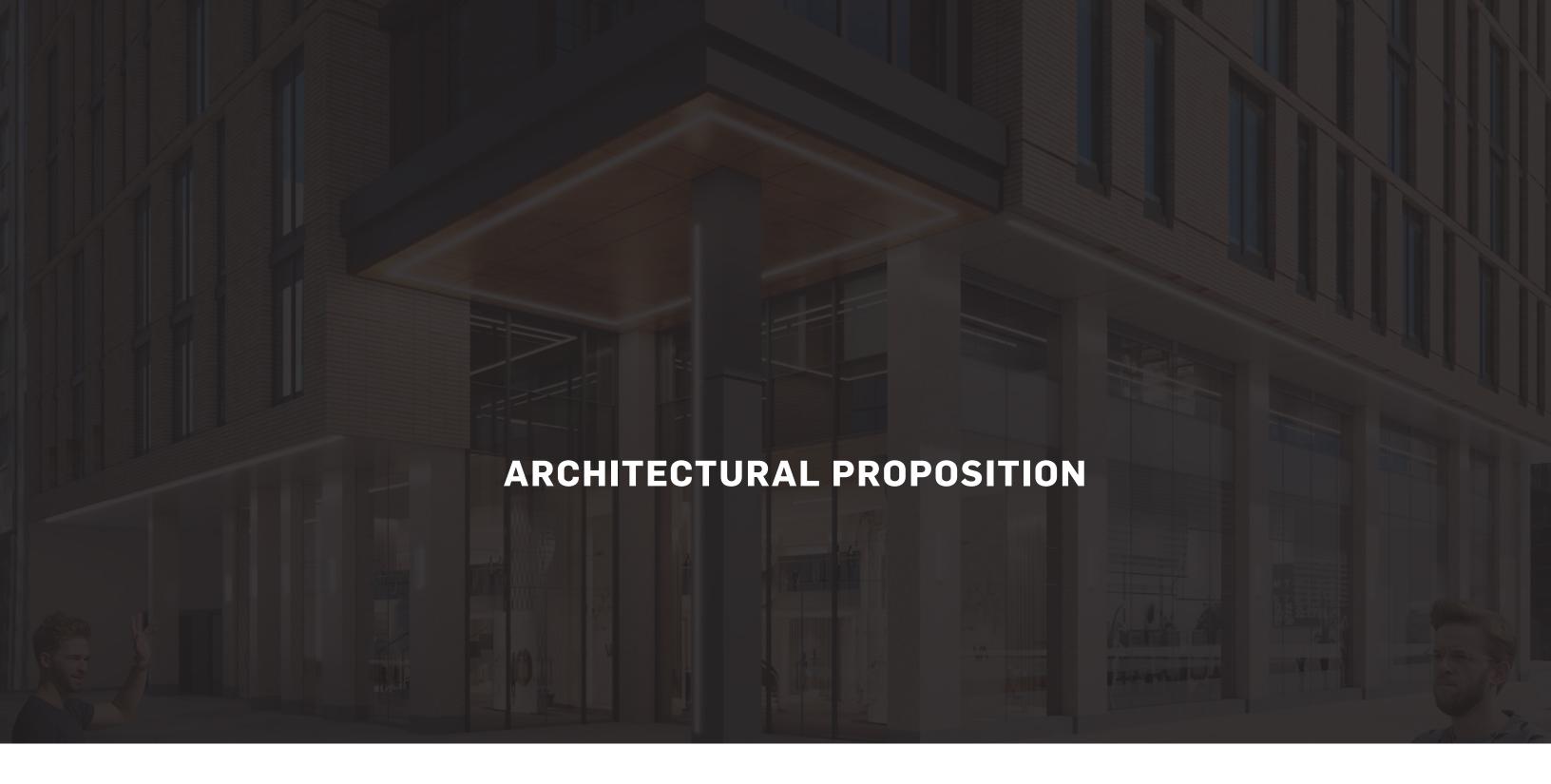
Metcalfe Street in downtown Ottawa is an exceptional location for a new high-rise residential and mixed-use building due to its vibrant urban setting and strategic proximity to key amenities.

Nestled in the **heart of the city's business district**, it offers residents unparalleled access to workplaces, dining establishments, retail shops, and cultural insititutions—all within walking distance.

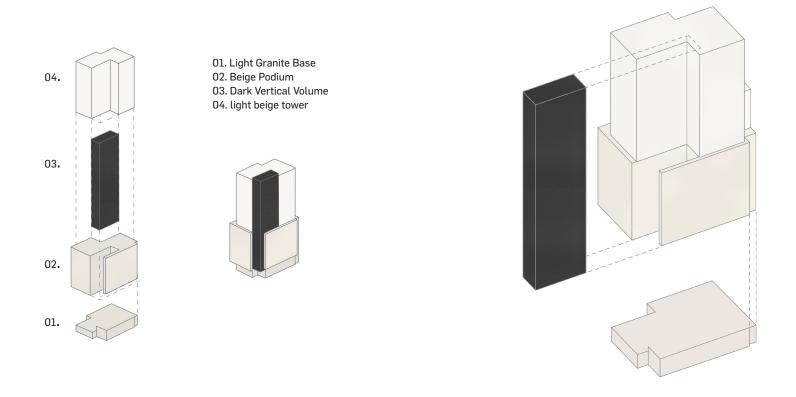
To add, it is close to green spaces, such as **Confederation Park,** allowing residents to enjoy a balanced urban lifestyle that blends convenience with leisure.

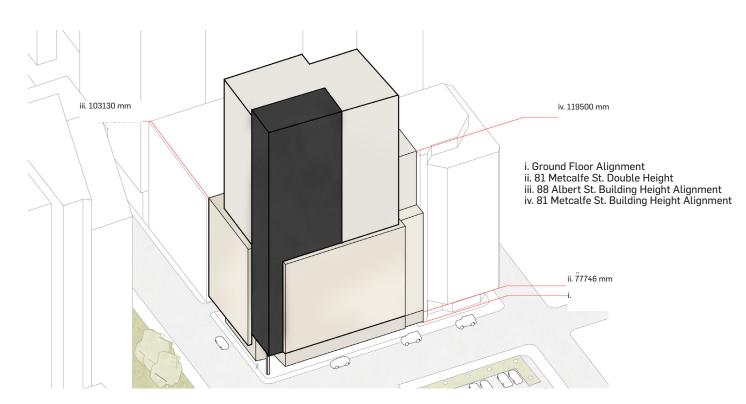
77 Metcalfe Street is a prime spot for contemporary urban living and commercial activities, promising high demand and long-term value.





77 METCALFE - DESIGN STATEMENT





The design for this **residential building** seamlessly integrates into Ottawa's downtown urban fabric while making a bold architectural statement. It respects the existing built environment, prioitizes pedestrian safety, and celebrates **Ottawa's cultural and architectural heritage.**

The building complements the neighborhood's character by incorporating **residential units on upper floors** and **commercial spaces on the ground** floor, enhancing livabilty and functionality.

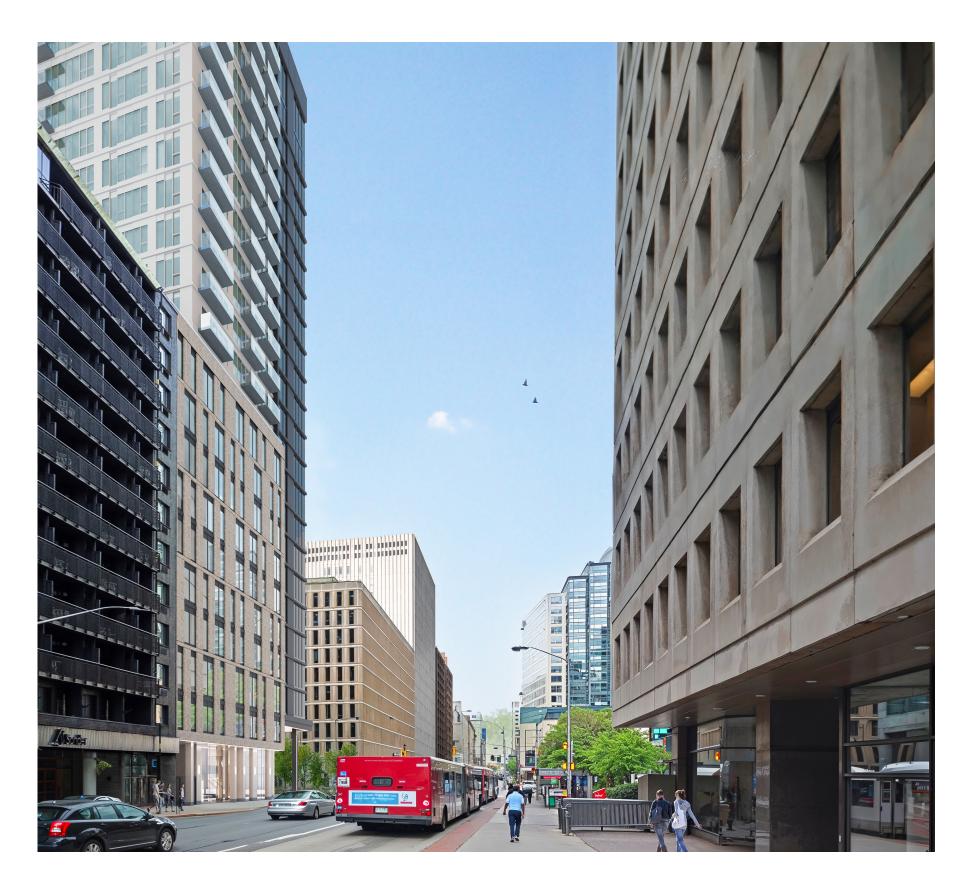
Key design elements:

- A ground floor aligned with the exisiting streetscape, ensuring harmony with the neighborhood.
- A 4.5 meter human-scale cantilever, providing a safe and inviting pedestrian walkway on Albert.
- An 8.2 to 9.0 meter cantilever along Metcalfe aligns with the shape of the adjacent building.
- A distinctive podium, using alignments and materiality to reflect both context and modernity.
- The design pays homage to Ottawa's iconic landmarks, particulary
 Parliament Hill. To show this, the dark gray volume establishes
 a deliberate architectural orientation. This thoughful element
 creates a visual dialogue between the contemporary structure
 of 77 Metcalfe and the historic significance of the Parliament
 Buildings.

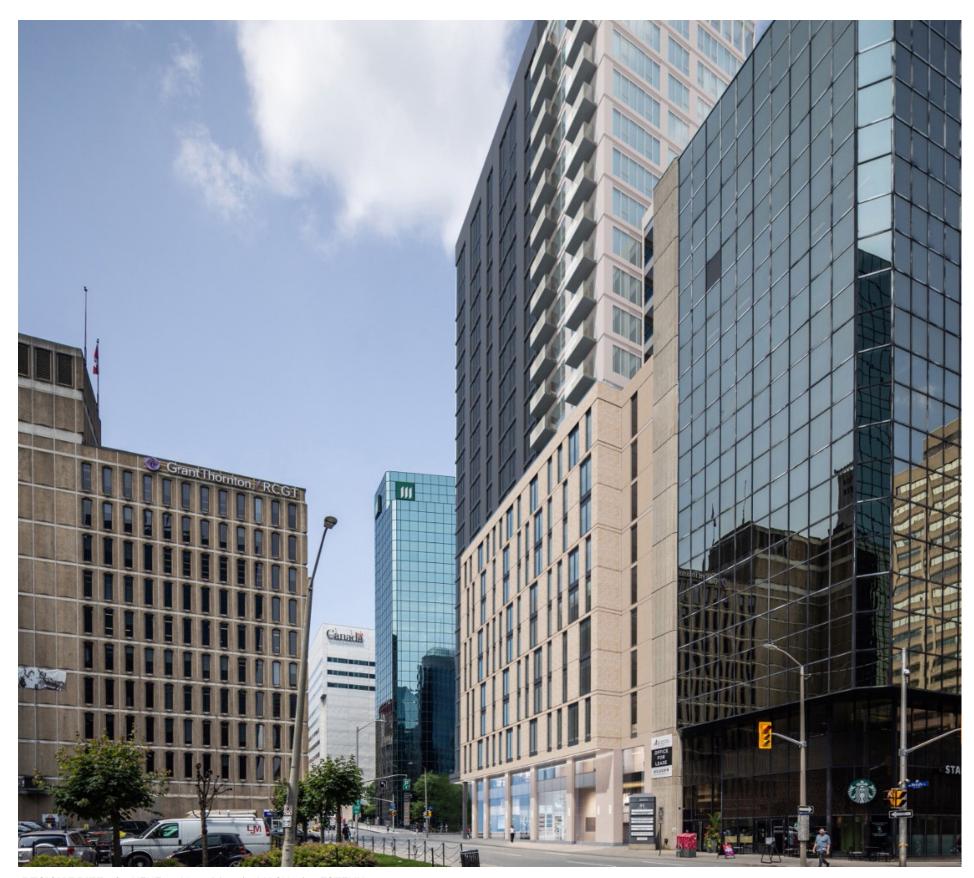
77 METCALFE - PERSPECTIVE VIEW FROM THE WORLD EXCHANGE PLAZA



77 METCALFE - PERSPECTIVE VIEW - ALBERT STREET



77 METCALFE - PERSPECTIVE VIEW - METCALFE STREET



An architectural aligment with **81 Metcalfe** has been thoughtfully designed to harmonize with proposed building's materiality.

This approach not only enhances the integration of the new structure within the surrounding context but also provides superior pedestrian protection with a **4.5 meter** clearance on **Albert** and a **8.2 to 9.0 meter** clearance on **Metcalfe.**

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77 METCALFE - METCALFE AND ALBERT CORNER DYNAMICS



The intersection at Metcalfe Street will soon undergo a significant revitalization with the upcoming development at **77 Metcalfe** poised to play a key role. This new Residential tower will provide a meaningful architectural refresh that enhances both private and public spaces for the people and environment of downtown Ottawa. The thoughtful **design incorporates elements** intenteded to elevate the urban experience:

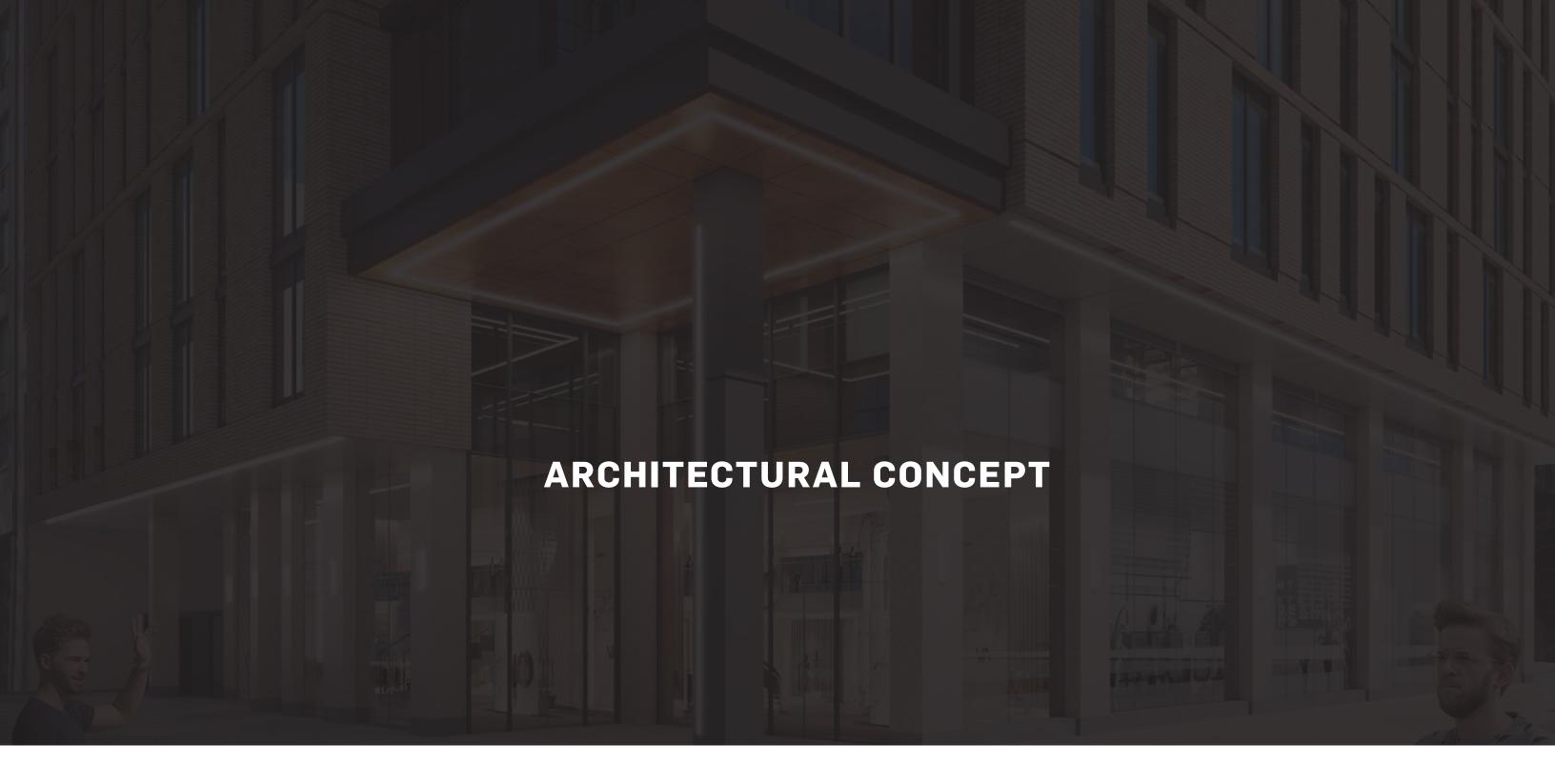
- High quality architecture
- Generous setbacks protected with a cantilever
- **Ground easements** to enhance pedestrian and cyclist safety

77 Metcalfe will serve as a cornertstone in re-imagining the urban landscape, promoting a more pedestrian and cyclist friendly **public** realm.

It should be noted that any element added to animate the ground level public space must not compromise the safety of pedestrians, cyclists, and drivers. Thus, the walkability, cyclists paths, and vehicular visbility views will not be obstructed.

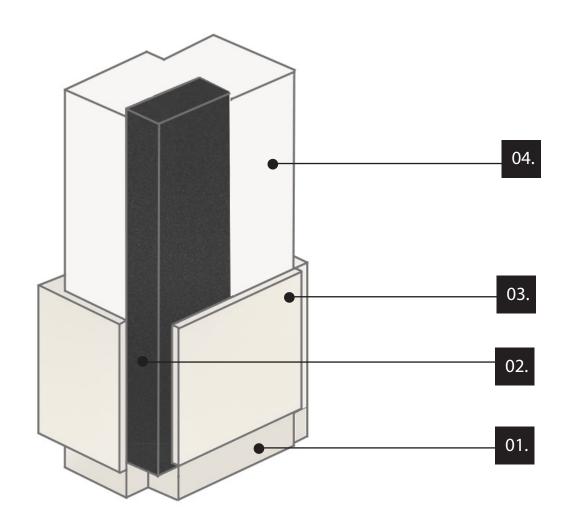
Mach believes that this element can be foster a more welcoming experience for all, aligning with the city's vision for **a vibrant and accesible downtown.**

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77 METCALFE - ARCHITECTURAL CONCEPT - FORM AND MATERIALITY

The design uses materials that complement the architectural language of surrounding buildings. This maintains a cohesive urban fabric in the center of Ottawa.





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77 METCALFE - ARCHITECTURAL CONCEPT - FORM AND MATERIALITY - GROUND FLOOR



30 METCALFE SURROUNDING BUILDING



JAMES MICHAEL FLAHERTY SURROUNDING BUILDING



COLOR/TONES TO REPRODUCE Tribeca's 70 Vestry



VERTICALITY& LIGHT Ministry Building on Stresemannstraße | David Chipperfield Architects





VERTICALITY & CANTILEVER Visual Inspiration

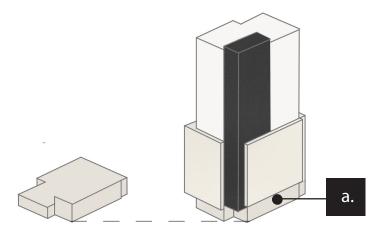


GRANITE BASE 77 METCALFE

The use of a **light granite** at the **ground floor** establishes a cohesive base that seamlessly integrates with Metcalfe Street's historic architecture.

Defined by its timeless and high quality materiality, refined detailing, and human-scale proportions, the ground floor reinforces a sense of continuity along the streetscape while animating and illuminating the facade at street level.

Along **Metcalfe**, the granite extends to a **double height (a)**, marking the entrance with a quiet sense of prominence with a distinct architectural expression that conveys both civic presence and structural permanence.



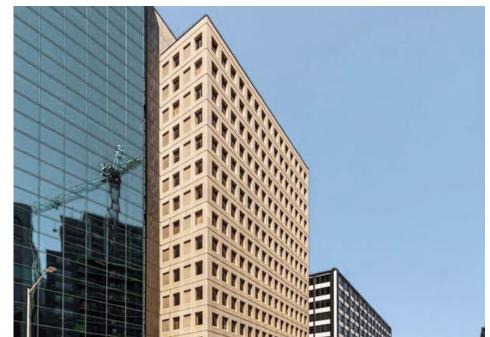


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77 METCALFE - ARCHITECTURAL CONCEPT - FORM AND MATERIALITY - PODIUM



30 METCALFE SURROUNDING BUILDING



85 ALBERT ST.
SURROUNDING BUILDING



BEIGE BRICKS
Rosemoor Studios Residential



MIX OF BEIGE BRICKS 123-baakenhafen



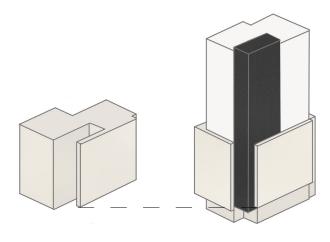
COLOR/TONES TO REPRODUCE Nordstrom BC



BEIGE PODIUM 77 METCALFE

The **podium** sits above the light granite ground floor and incorporates a **mix of neutral and warmer-toned bricks** in its materiality. This creates a layered richness to its material expression. This nuanced color palette echoes the paler facades of that define the surrounding context, establishing a quiet dialoque with the neighborhood's architectural heritage.

The warmer hues soften the building's presence and foster a sense of continuity along **Metcalfe** and **Albert.**





BRICK LIGHT BEIGE

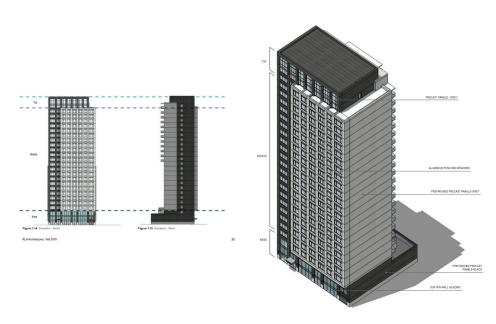


BRICK MEDIUM BEIGE



BRICK DARKER BEIGE

77 METCALFE - ARCHITECTURAL CONCEPT - FORM AND MATERIALITY - VERTICAL VOLUME



81 SLATER STREET - APPROVED BY CITY SURROUNDING BUILDING

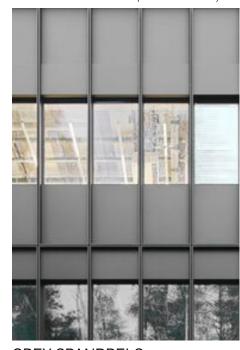


75 ALBERT STREET SURROUNDING BUILDING



VERTICALITY OF PANELS

MATERIALITY IMAFE (NO PROJECT)



GREY SPANDRELS
INSPIRATION IMAGE



VERTICAL VOLUME INSPIRATION IMAGE

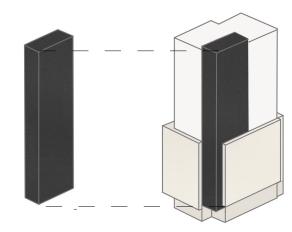


DARK VERTICAL VOLUME 77 METCALFE

The dark **vertical volume** connects the podium and tower at the corner of **Metcalfe** and **Albert** Street.

The vertical **aluminum panels** paired with a dark **spandrel grey** and **tinted glass** create a seamless architecture gesture that is bold, emphasizing its verticality.

In addition, its orientation fosters architectural movement towards the Parliement.



OPAQUE LIGHT GREY PANELS FOR CLADDING



ALUMINMUM BLACK PANEL



SPANDREL DARK GREY



TINTED GLASS

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77 METCALFE - ARCHITECTURAL CONCEPT - FORM AND MATERIALITY - TOWER WINDOW WALL



JAMES MICHAEL FLAHERTY SURROUNDING BUILDING



400 ALBERT ST SURROUNDING BUILDING



HOMOGENEOUS COLOR ALLOY- SKINNY TOWNHOUSES, DUMBO



CLEAR GLASS, LIGHT PANELS 11 HOYT, NYC

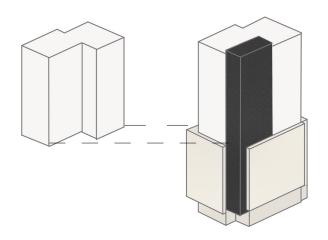


HOMOGENENOUS COLORS V.G.A. - Vincent Gillot Architecture



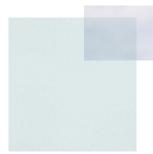
LIGHT TOWER 77 METCALFE

The **tower** features a homogeneous window wall system that seamlessly integarates into the project while complementing the surrounding buildings. Its **beige mullions** blend with the beige tones from the brick. To add, it uses an opaque light panels for cladding, complimenting the entire building.





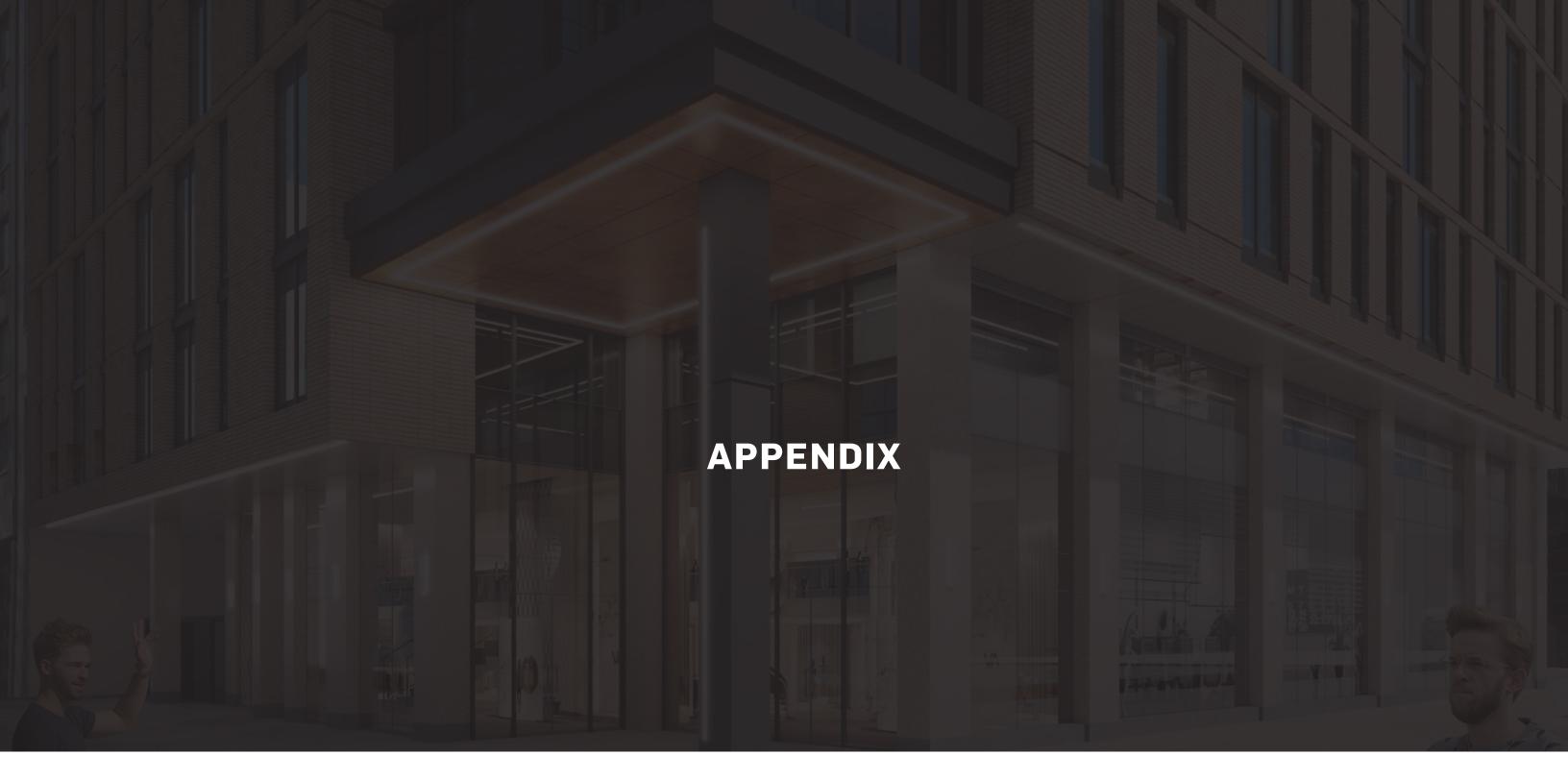


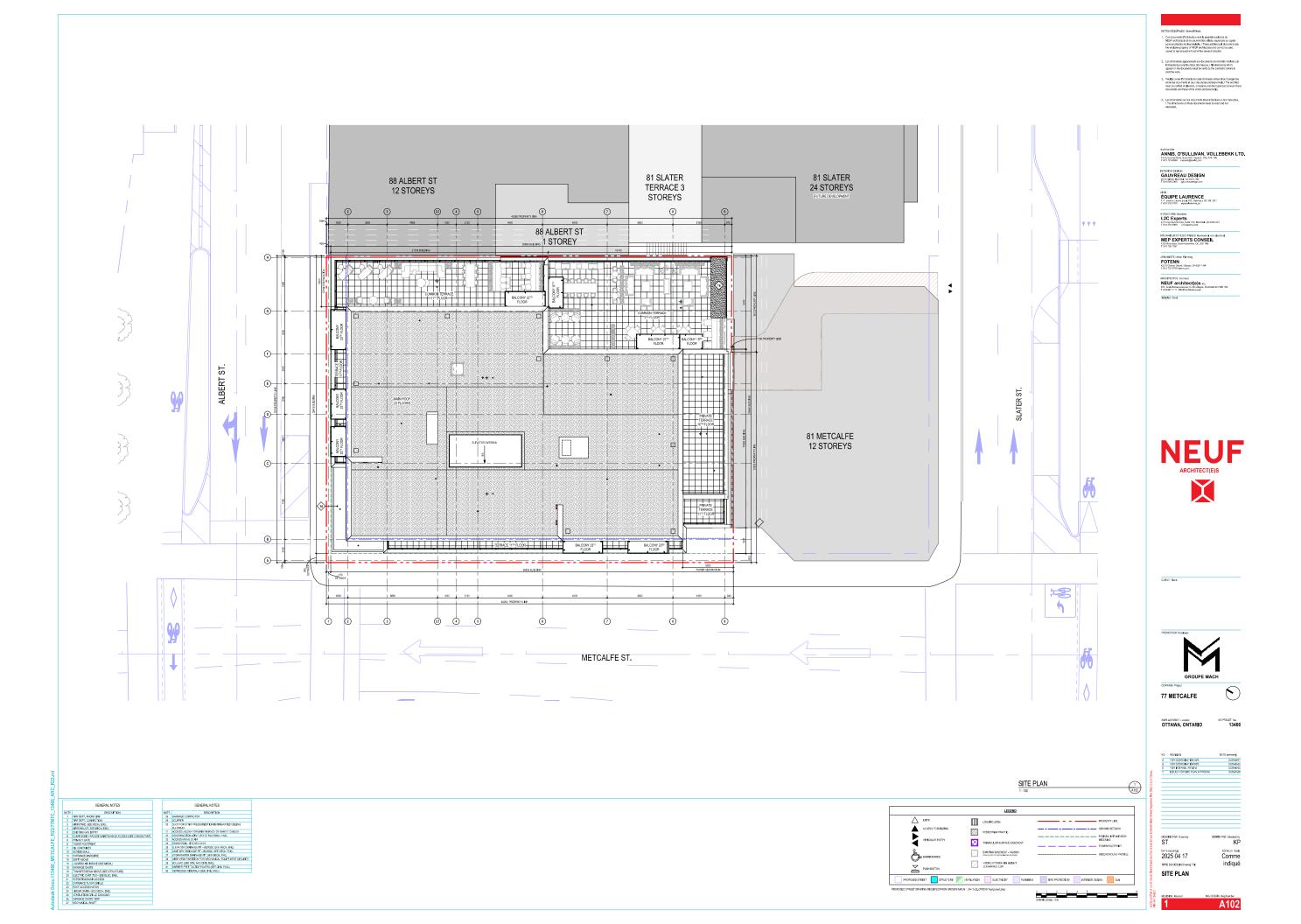


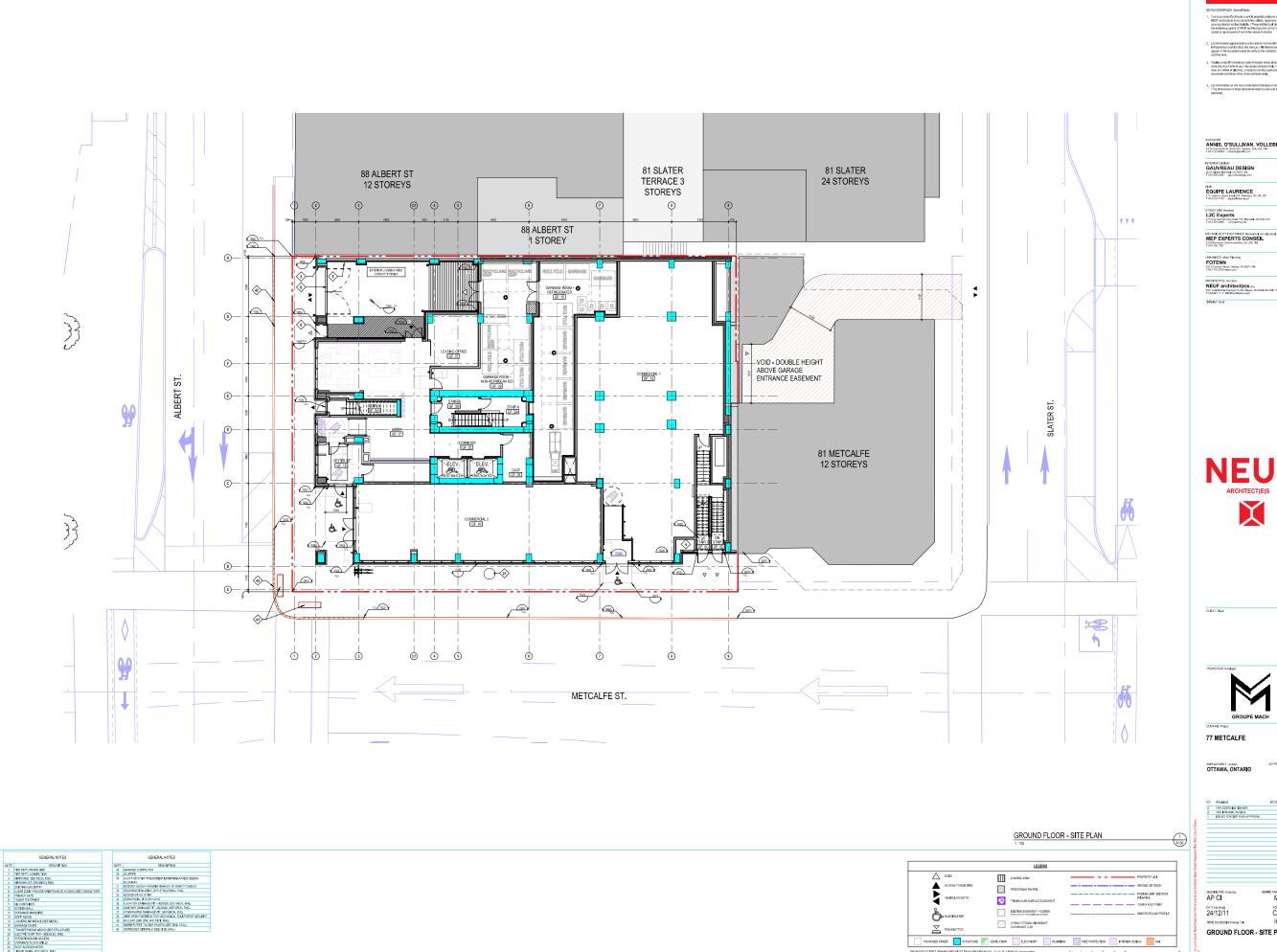
PANELS FOR CLADDING BEIGE MULLIONS

WINDOW WALL WITH

CLEAR GLASS







SURVAYOR

ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
14 Concerns Gras. 83 of 500, respect. Dit. 142 750
Tell 1727-2760 recentification.





NO	RÉVISION	DATE (se-mm-g)
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