

JARDINS FRANÇOISE

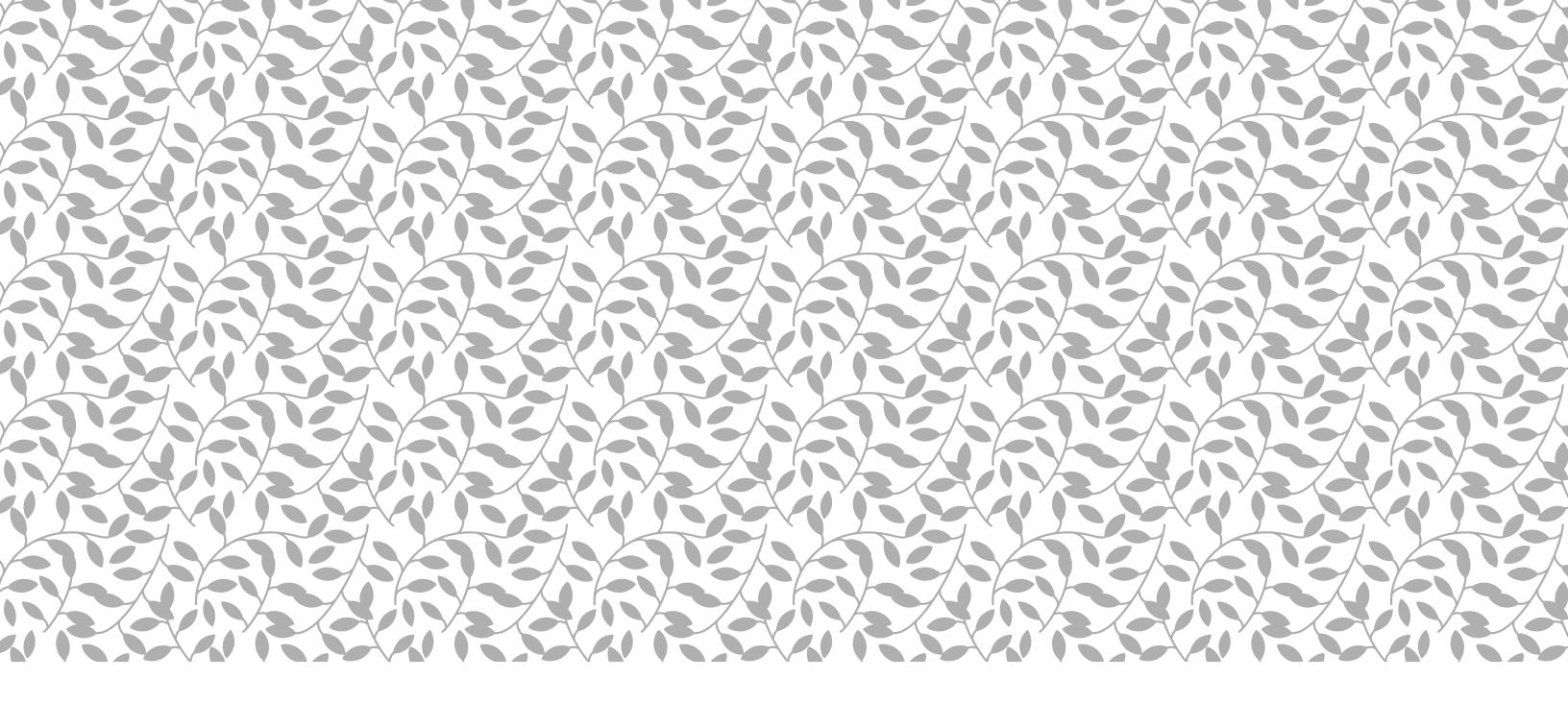




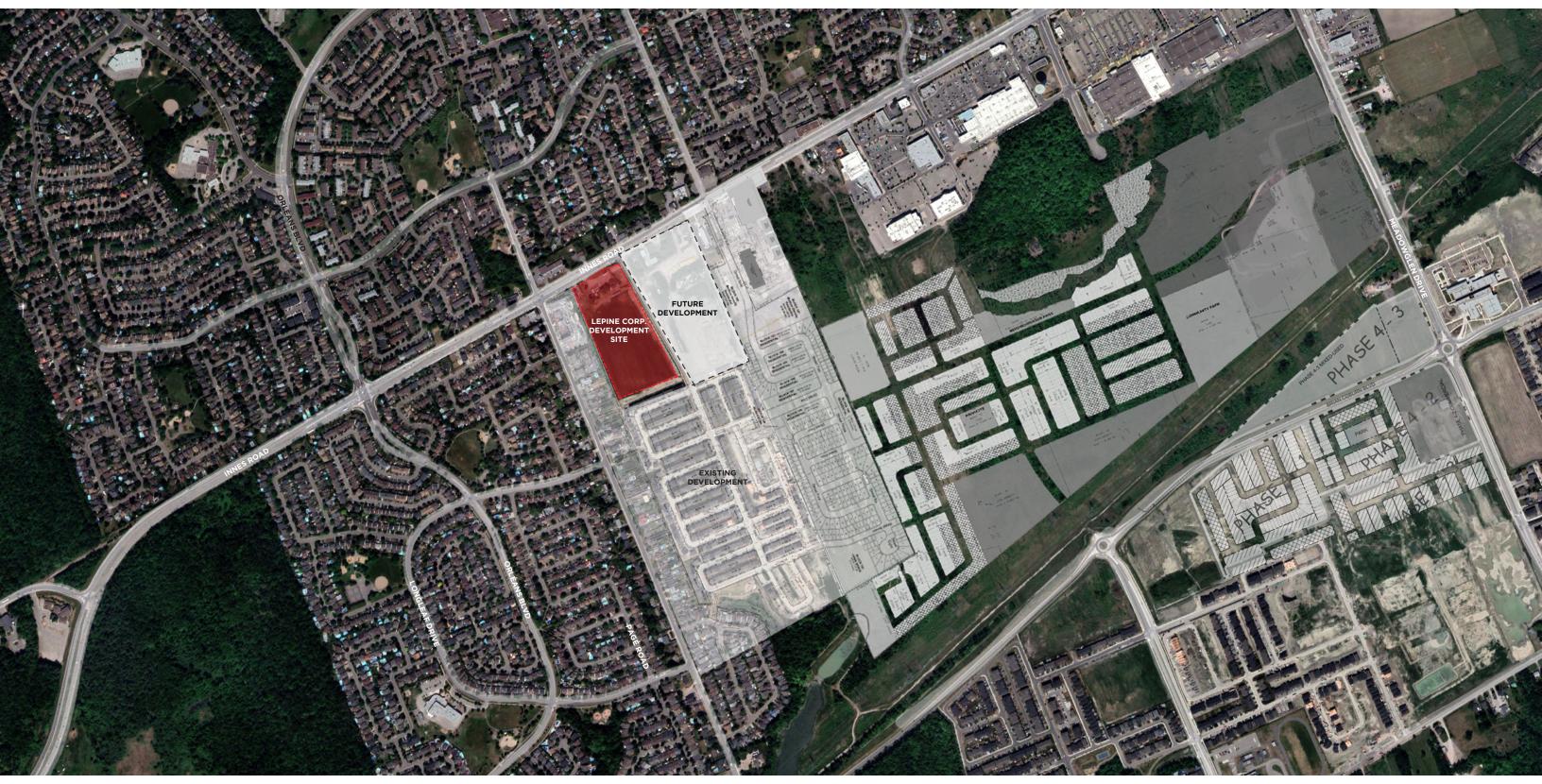


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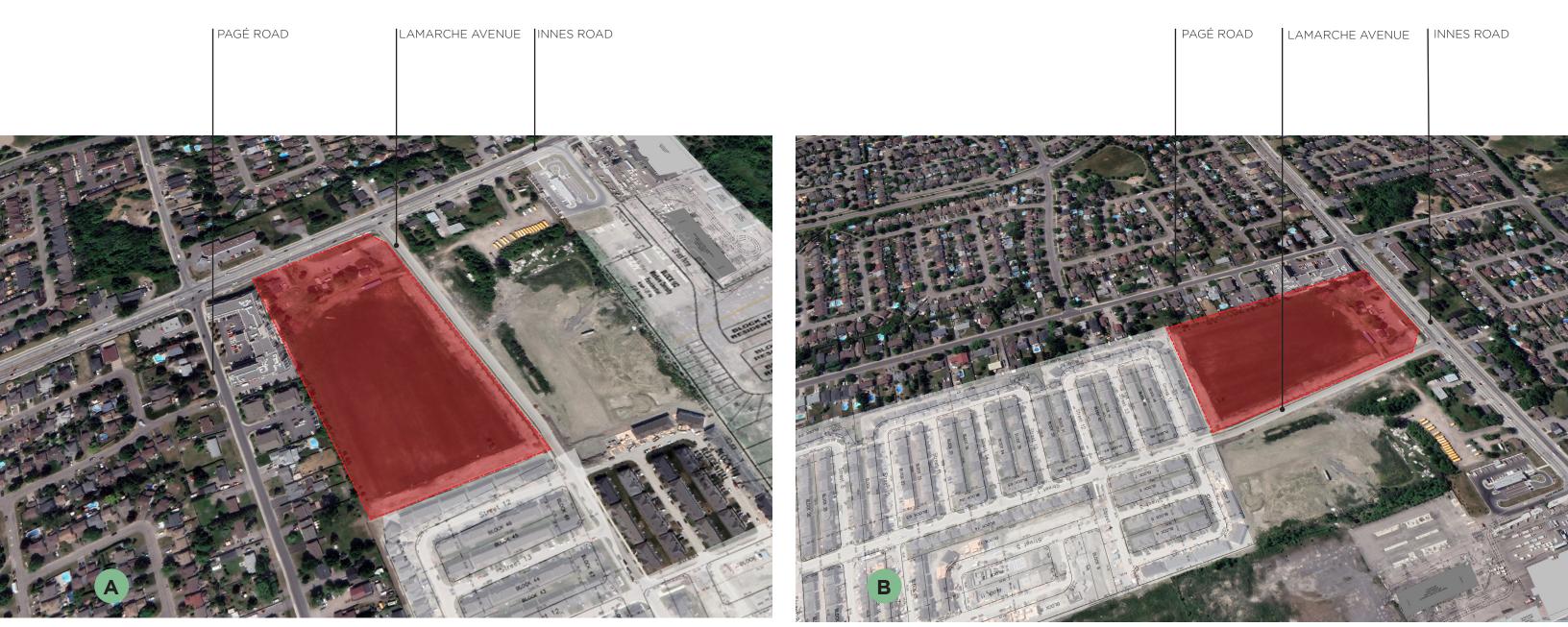
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CONTEXT

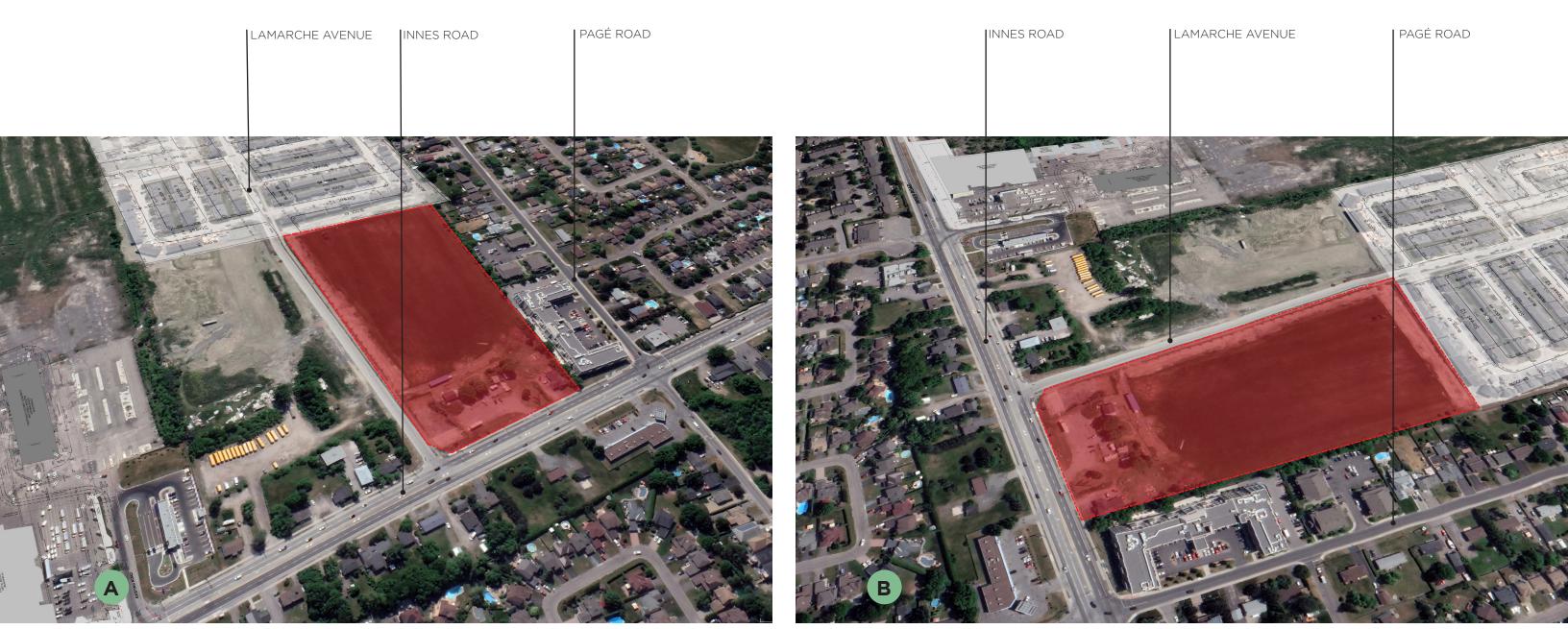






VIEW TOWARDS INNES ROAD

VIEW TOWARDS PAGÉ ROAD



VIEW TOWARDS TRANSIT ROUTE

VIEW TOWARDS LAMARCHE AVENUE

CORNER OF INNES ROAD AND LAMARCHE AVENUE



LOOKING SOUTH FROM LAMARCHE AVENUE



INNES ROAD LOOKING WEST



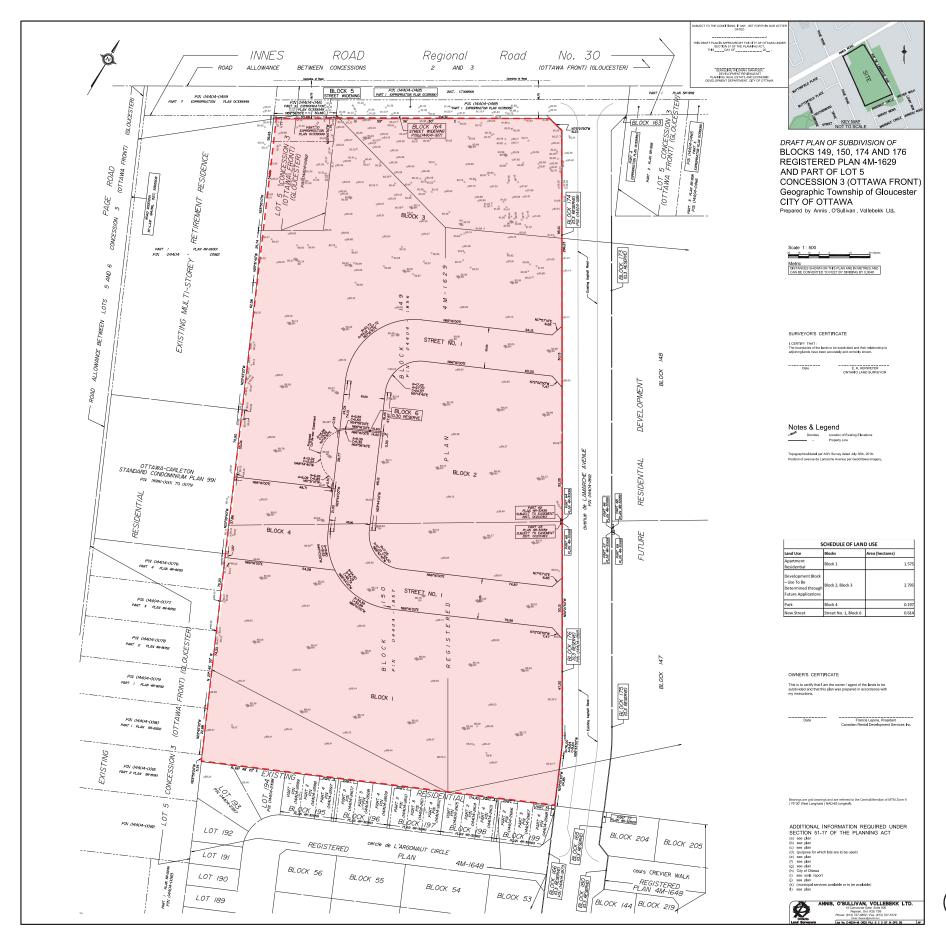
INNES ROAD LOOKING EAST









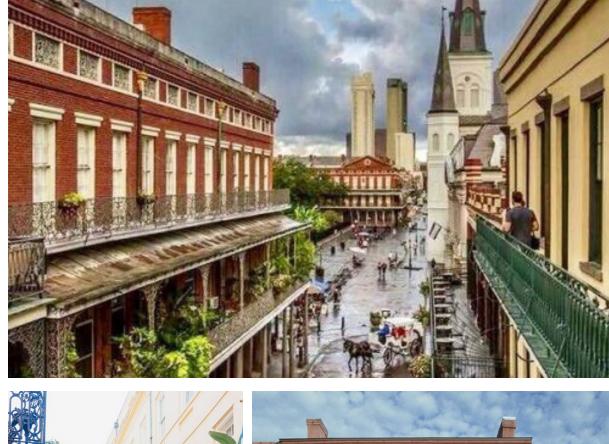




















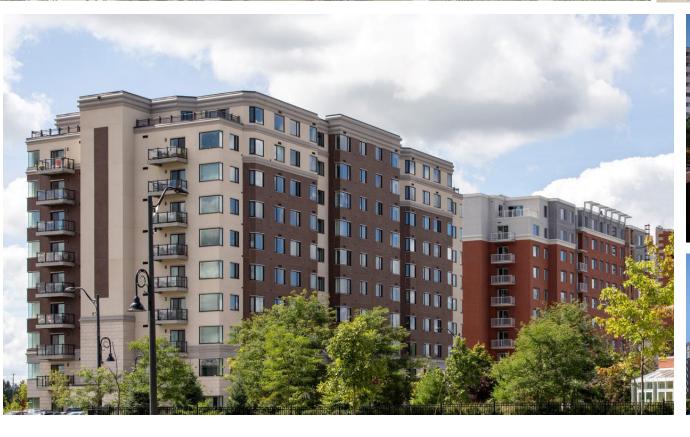




















































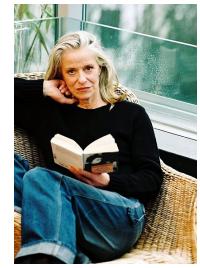


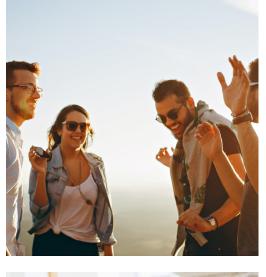






























DESIGN BRIEF 3490 INNES ROAD, ORLÉANS

This proposed Lépine apartment development is located in the community of Chapel Hill South, along the south side of Innes Road, one of the most important transportation routes on the east side of Ottawa. As a critical east-west arterial on the uplands of Orléans, Innes Road was recently widened from 2 to 4 lanes in order to accommodate traffic generated by the continuing suburban expansion of south Orléans.

The proposed development includes two properties, a commercial conversion of a 0.17-hectare (0.42-acre) single-detached residential lot at 3484 Innes Road and the larger property at 3490 Innes Road. The large undeveloped parcels were subdivided into the 2.17-hectare (5.36-acre) Block 49 and the 2.86-hectare (7.07-acre) Block 50, as part of the comprehensive Plan of Subdivision approved for the single-detached, townhouse, and stacked townhouse development immediately to the south of the subject site. They are presently under construction. The total area of 3484 Innes Road and Blocks 49 and 50 at 3490 Innes Road is 5.2 hectares (12.85 acres).

Most of the adjacent lands immediately to the west of the project site are developed as the four-storey Chapel Hill Retirement Residence, at 2305 Pagé Road, and a three-storey stacked townhouse development at 2345 to 2353 Pagé Road. South of the stacked townhouses, the rear yards of five single-detached dwellings are adjacent to the project site. The total linear interface along the western property line, adjacent to the Chapel Hill Retirement Residence and stacked townhouses, is approximately 213 metres, while the interface adjacent to the five single-detached rear yards is approximately 105 metres. The project site is bounded on the east side by the recently developed Lamarche Avenue, which is dedicated as a City road to serve the new subdivision

to the south.

In general, the site measures approximately 320 metres (more or less) from north to south and, on average, approximately 163 metres from east to west. A municipal road will provide public access to the interior of the site. The U-shaped crescent road will have its two access points on Lamarche Avenue. A municipal park will be located at approximately the center of the western edge of the site and be fully accessible by the public as its eastern boundary will be the right of way of the planned crescent road.

As a result of the road and park configuration the site will be divided into three zones for development. Zone 1, the southernmost area abutting the adjacent townhouse development will be the first to be built. It is presently the only zone for which a development proposal is planned at this time.

In Zone 1 three residential rental buildings are positioned at right angles to one another to optimize views and light, and to minimize impact on the neighboring residential rear yards to the south and the west. The multi-building apartment development will have direct pedestrian access from both Lamarche Avenue and Croissant Françoise. Vehicular access to the underground parking garage will be provided from one driveway facing Croissant Francoise. Visitor parking will be provided in the landscaped forecourt facing the crescent. Servicing for the buildings (waste management, moving, deliveries) will be located to facilitate operations and minimize impact on the residents and the public domain.

Taking into account the scale of the site, the residents and visitors will enjoy relatively free access in and around the apartment community. The overall accessibility for pedestrians and cyclists via the central crescent into the heart of the development and the access points for vehicles ensures site permeability.

For Zone 1 the green space and pathways on the site

cover approximately 8,000 square meters or 52% of the site area. The public road and the park will allow for walking, jogging, cycling, dog walking, and other active and passive recreational uses. Landscaping and occasional outdoor furniture will also provide quiet rest areas around the site.

Subject to further detailed design and programming at subsequent approval and design stages, the landscaped areas around the buildings will provide for a variety of outdoor activities that will be compatible with the surrounding apartment buildings. The landscaping of these communal areas will exceed current standards. with superior plant specimens, to be selected mostly from native species and will encourage biodiversity. The comprehensive and coherent landscape architecture will include planting and flower beds, shade trees, and shrubbery. The developer has a strong commitment to pathway connectivity on and around the site, which will link the buildings, perimeter green spaces and public sidewalks adjacent to the development. Future programming and design studies will consider features such as a community garden, playground equipment, and gathering spaces such a gazebos and picnic areas. Key to the urban vitality of the apartment community and the local neighbourhood will be small-scale retail commercial businesses at grade in the apartment building located at the corner of Lamarche Avenue and Croissant Francoise. These businesses will face directly onto the street with adjacent short term commercial parking provided. Façade, entrance, and storefront design will provide for an appropriate balance of urban design coherence and individualism for each business. These businesses will not serve a regional catchment area because there is ample regional commercial office and retail development to the east along Innes Road. Rather, the businesses in this location will cater to the local apartment community and nearby neighbourhoods.

Given that Lépine intends to own, lease, operate, and maintain this apartment community over the long term, the landscaped areas will be operated and maintained

to the highest standards. Lépine apartment buildings provide highly accessible entryways, lobbies, hallways, elevators, and amenity areas, as well as an appropriate number of apartments designed for universal accessibility.

All resident parking will be provided in two levels of underground parking, which will have access via a driveway fronting onto Croissant Francoise . The underground parking will be constructed beneath the building, with secure pedestrian access to each apartment building. The site will be fully landscaped over the portions of the garage that exceed the building footprint.

There will be a total of 285 apartments distributed in the three buildings of Zone 1. According to parking ratios that have been specifically formulated to meet the needs of Lépine apartment buildings, a total of 354 vehicle parking stalls will be provided underground for residents and at grade there will be 32 stalls for visitors and retail patrons. In addition to 285 private lockers for the residents, 143 bicycle spaces will be provided on the first level of underground parking for the residents and 1 bicycle space will be provided for the commercial at grade. Lépine underground garages significantly exceed present standards for lighting, bright finishes, air quality monitoring, and fresh air exchange.

The building façades along Lamarche Avenue, and the Croissant Françoise road will serve to animate those vehicular, cycling and pedestrian routes. The façades at grade along Croissant Francoise and Lamarche Avenue will include principal entrances to lobbies, private access to individual apartments, and private patios. At-grade façades surrounding the landscaped areas will also include private access to individual apartments and private patios.

The general height of the apartment buildings will be 7 storeys for two of the buildings and 6 storeys for the building located on the south west portion of the site. In order to provide variety in built form and visibility the

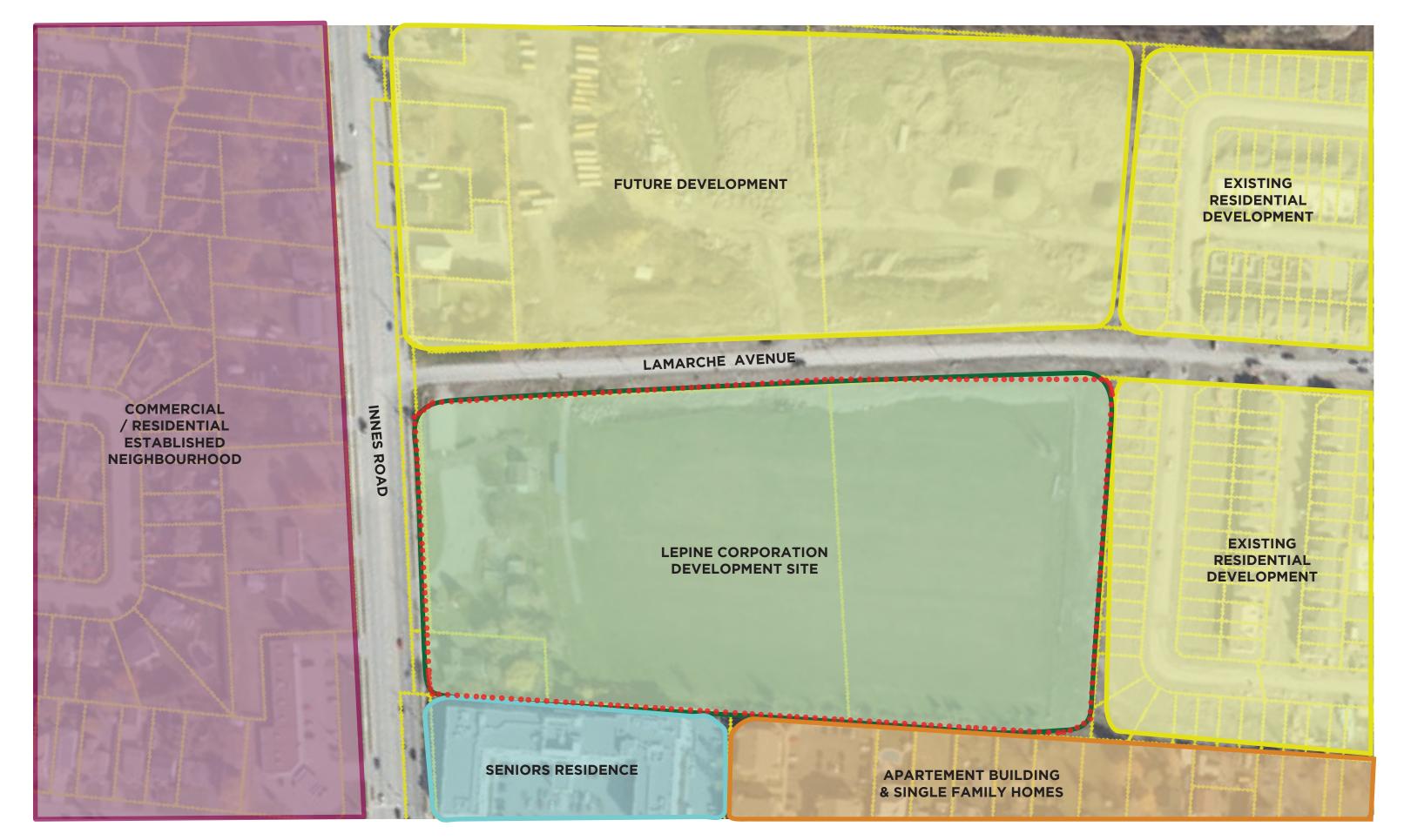
building ends will step down to form rooftop terraces. The height strategy is based on mid-rise design concepts. The analytical scale studies in the presentation and documentation confirm that the stepping back of the buildings will respect the City of Ottawa height restrictions indicated for the south and west perimeters of the site. The upper storeys of the buildings incorporate terraces that appear to be cut out from their silhouettes, which represents an additional design response to the need for sensitive height and architectural transitions between the proposed apartment buildings and the neighbouring residential development. As shown on the pages illustrating building inspiration the architecture will be a contemporary interpretation of the stately old buildings of New Orleans. There will be continuous balconies on the first two floors of the facades facing Croissant Francoise and the municipal park. These balconies will have ornamental iron posts and railings as will the balconies of the upper floors and rooftop terraces.

In summary, the design of this project makes a statement about how rental apartment buildings can be well integrated within a suburban context in Ottawa. The aim of this design, however, goes beyond meeting the need for intensification and demand for rental housing. This design creates homes, amenities, and green spaces of the highest quality, at rents the majority of the community can afford. Development of this apartment community will create the conditions for comfortable, convenient, and healthy resident, visitor, and local retail experiences. The sustainability measures that Lépine incorporates into new apartment communities confirm that these buildings will maintain their architectural, environmental, economic, and community value for generations to come.



- We strive for sustainability and durability of our buildings, to achieve the standards published in the report "A Plan for Sustainability & Resiliency in Canada's Capital Region" by the City of Ottawa, but also principally to minimize the long-term operational costs, which results in more modest rent increases for our clients in the long-term.
- When designing, Lépine always looks for ways to provide pragmatic, trouble free & convenient sustainability.
- Design according to a cycle of continuous improvement to refine and fine-tune our buildings from one project to the next.
- Conducted air tightness testing and the results came back being approximately half of the maximum air leakage of 0.23 cfm/sf @ 50 Pa stated in the Energy Star Multifamily High-Rise Pilot program.
- Pursued the Green Globes certification of the Green Building Initiative Canada for our project at 1425 Vanier Parkway. The project obtained 3 Green Globes. This is a certification we are hoping to pursue on most of our future projects
- Entered the Savings by Design program developed by Enbridge and hosted by Sustainable Buildings Canada. The final report stated that our project surpassed the Savings by Design program requirement of the projected annual energy performance of the building being at least 15% better than Ontario Building Code to over 30%.

- Maximize potential of our urban lots and density to mitigate urban sprawl while reintegrating a vast amount of soft landscaping to reintroduce nature back into the urban landscape. Approximately 60% of our sites are covered with soft landscaping. We integrate an extensive amount of native plants that are drought and shade tolerant in our planting mix while integrating native grasses and porous materials to allow for low-impact landscaping.
- A total of 10% of parking stalls can have electrical vehicle charging connections installed on demand in all our underground parking garages since 2010.
- Currently engaged in the certification process under the Federation of Rental Housing Providers of Ontario's (FRPO) Certified Rental Building program for our portfolio of properties.
- We monitor our building's environmental performance in its electricity, natural gas and water use. We also puts emphasis on waste management and recycling.
- On Innes Road we plan to push innovation even further.



PUBLIC ACCESS MUNICIPAL ROAD



MASTER PLAN **PARK AREA**

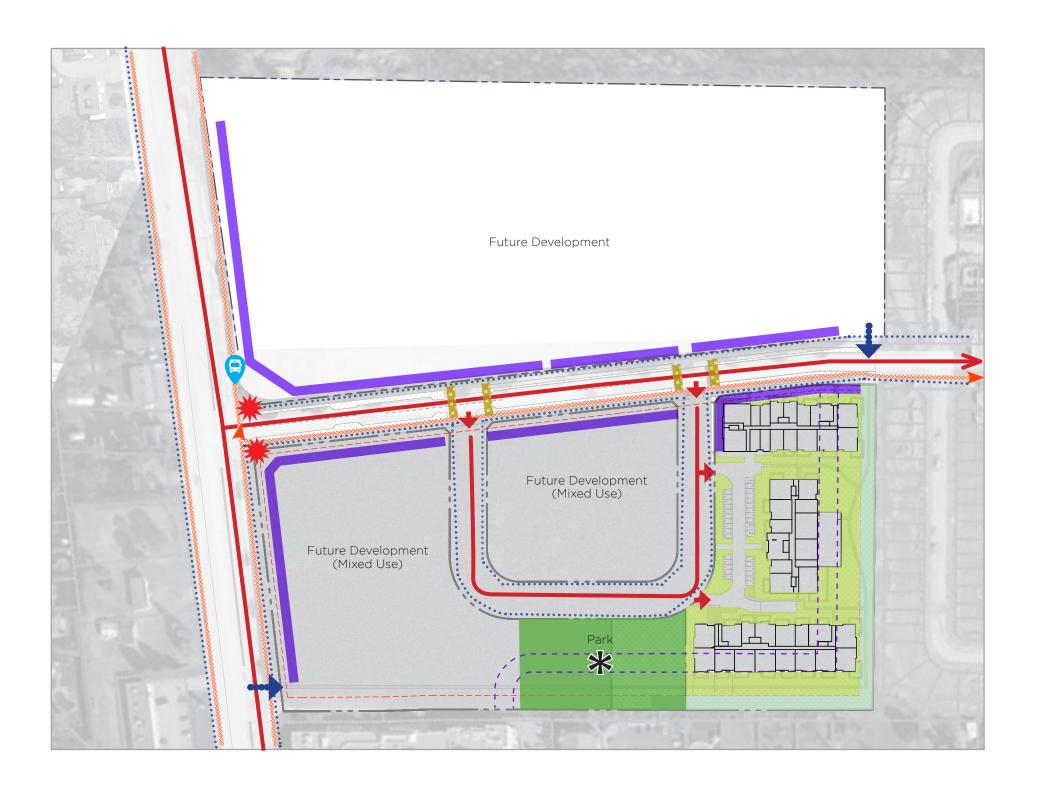


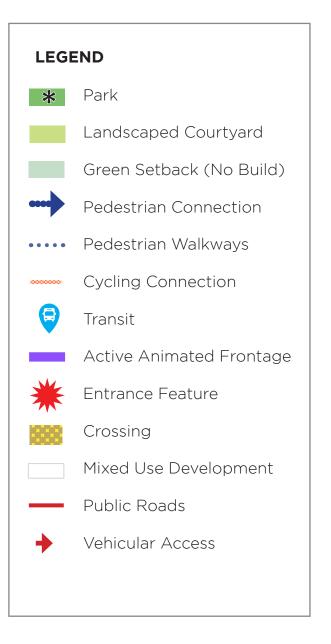
MASTER PLAN **DEVELOPMENT AREA**

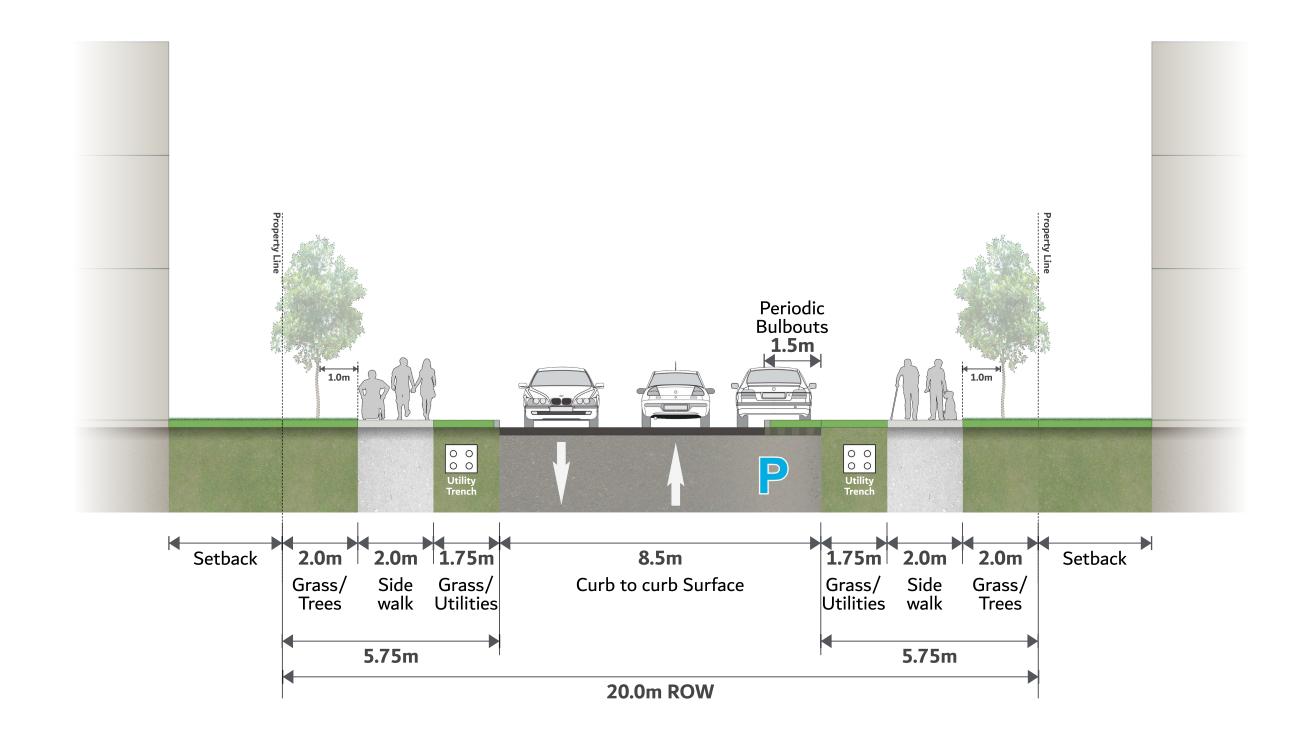


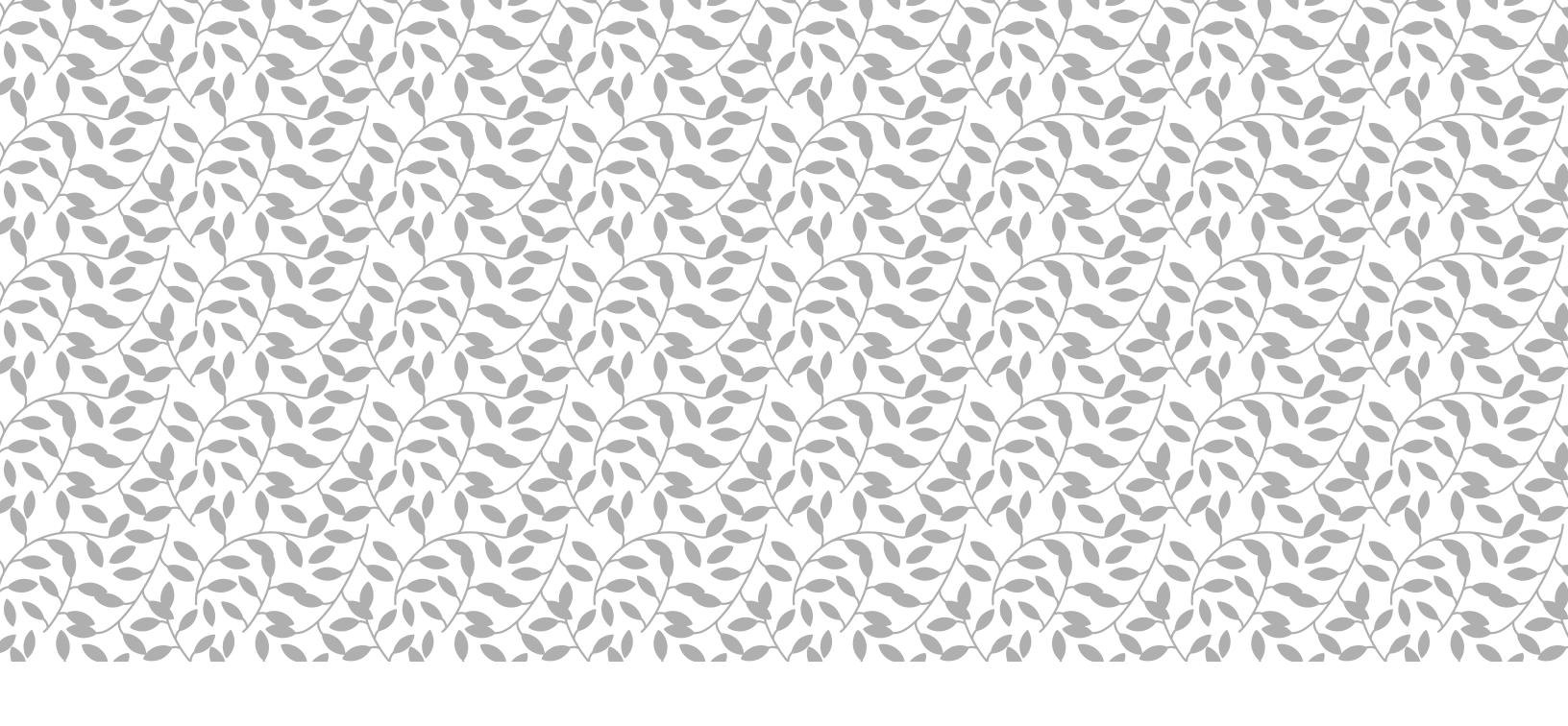
MASTER PLAN
COMMUNITY



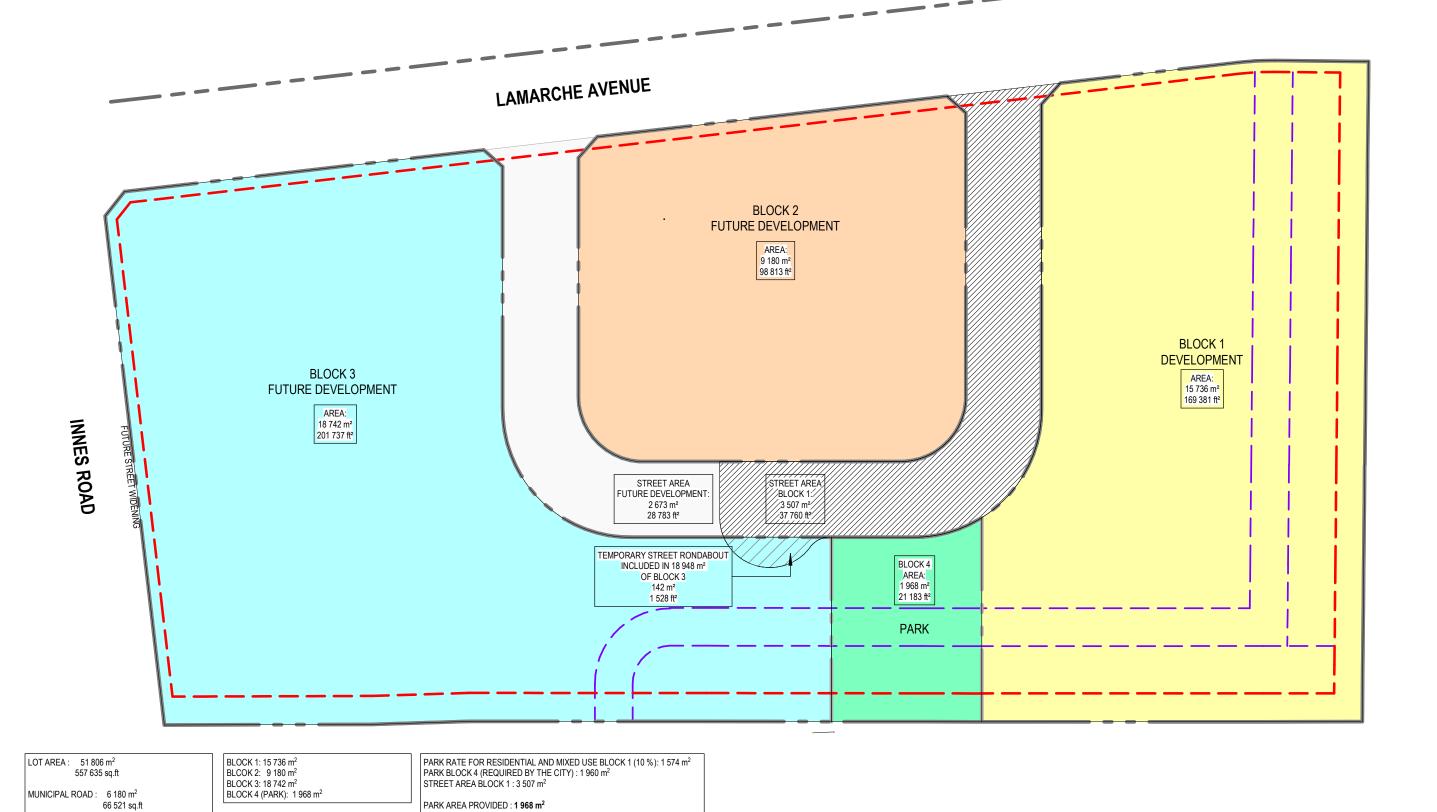








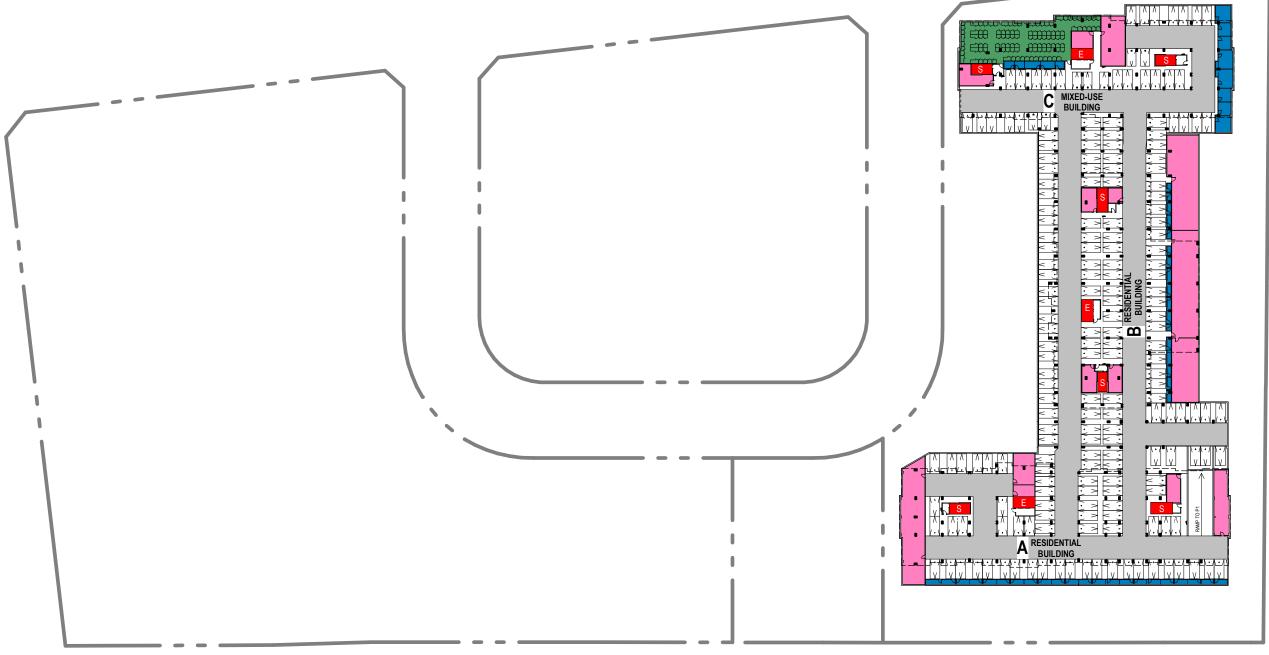
DESIGN PROPOSAL

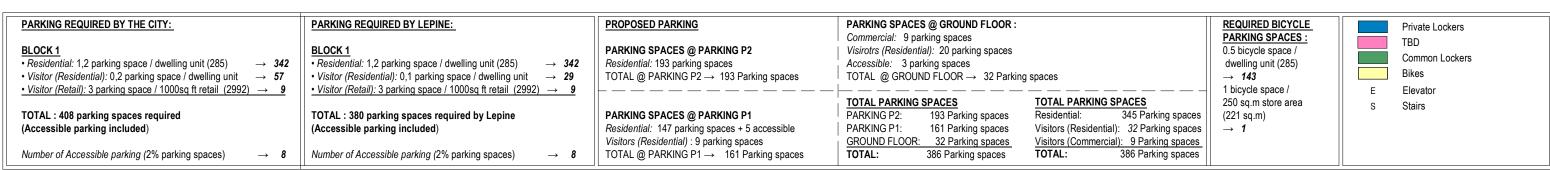


LÉPINE NEUF X

DEVELOPMENT AREA: 45 626 m² 491 114 sq.ft

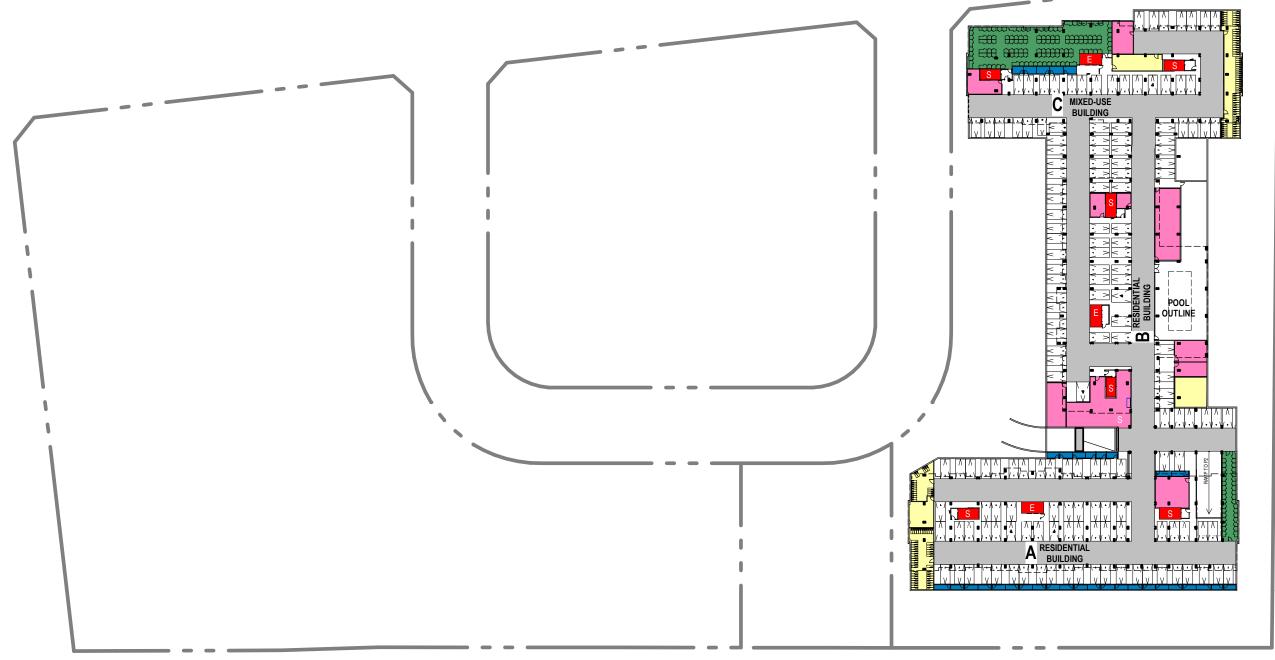
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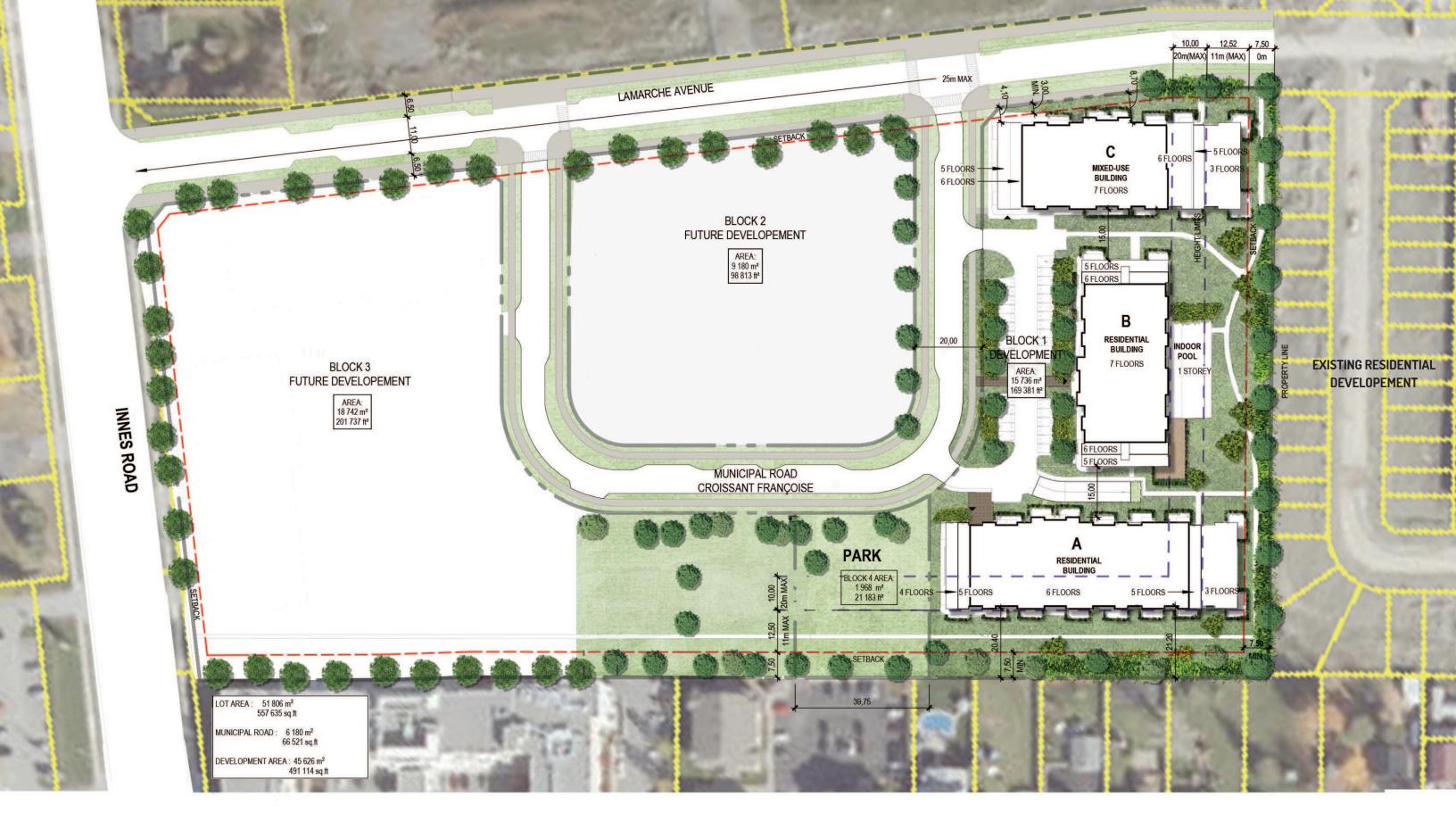




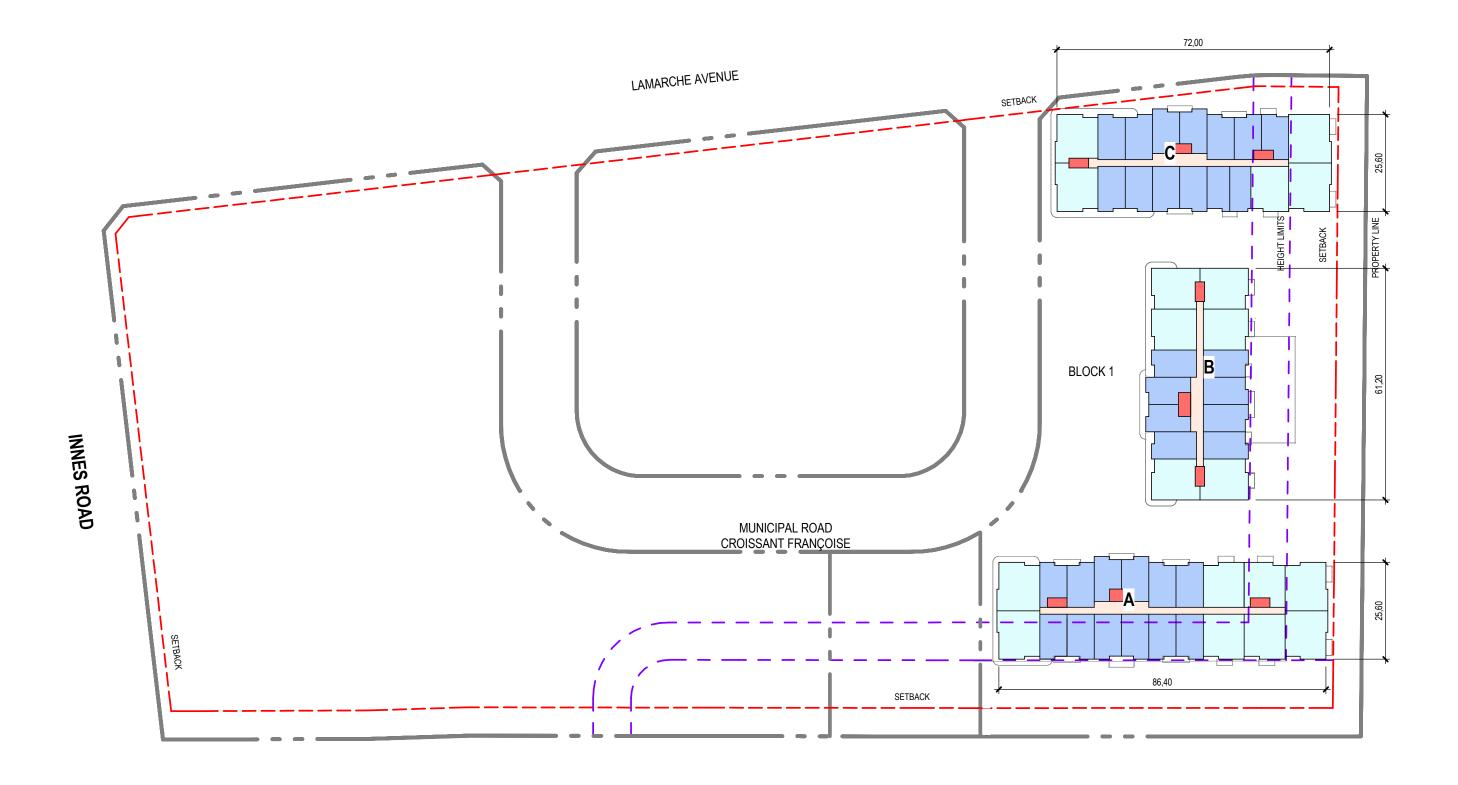
PARKING REQUIRED BY THE CITY: PARKING REQUIRED BY LEPINE: PROPOSED PARKING PARKING SPACES @ GROUND FLOOR: REQUIRED BICYCLE Private Lockers PARKING SPACES: Commercial: 9 parking spaces TBD PARKING SPACES @ PARKING P2 Visirotrs (Residential): 20 parking spaces 0.5 bicycle space / Common Lockers Residential: 193 parking spaces Residential: 1,2 parking space / dwelling unit (285) • Residential: 1,2 parking space / dwelling unit (285) Accessible: 3 parking spaces dwelling unit (285) Bikes • Visitor (Residential): 0,2 parking space / dwelling unit → 57 • Visitor (Residential): 0,1 parking space / dwelling unit → 29 TOTAL @ PARKING P2 → 193 Parking spaces TOTAL @ GROUND FLOOR → 32 Parking spaces → **143** • Visitor (Retail): 3 parking space / 1000sq ft retail (2992) → 9 • Visitor (Retail): 3 parking space / 1000sq ft retail (2992) → 9 1 bicycle space / Elevator TOTAL PARKING SPACES **TOTAL PARKING SPACES** 250 sq.m store area Stairs TOTAL: 408 parking spaces required PARKING SPACES @ PARKING P1 PARKING P2: (221 sq.m) TOTAL: 380 parking spaces required by Lepine 193 Parking spaces Residential: 345 Parking spaces Visitors (Residential): 32 Parking spaces PARKING P1: 161 Parking spaces (Accessible parking included) (Accessible parking included) Residential: 147 parking spaces + 5 accessible → 1 Visitors (Commercial): 9 Parking spaces Visitors (Residential): 9 parking spaces GROUND FLOOR: 32 Parking spaces Number of Accessible parking (2% parking spaces) Number of Accessible parking (2% parking spaces) TOTAL @ PARKING P1 → 161 Parking spaces 386 Parking spaces TOTAL: 386 Parking spaces

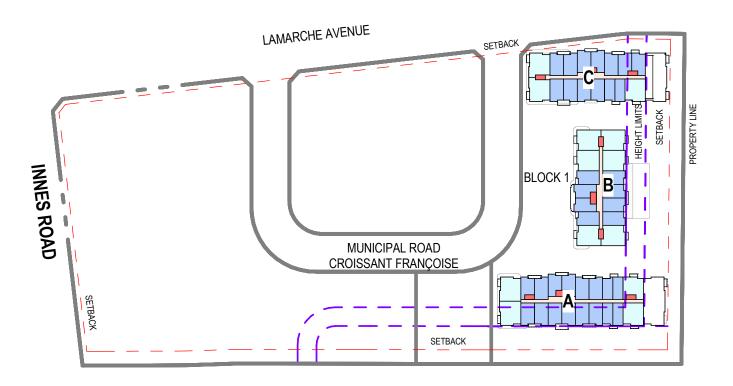


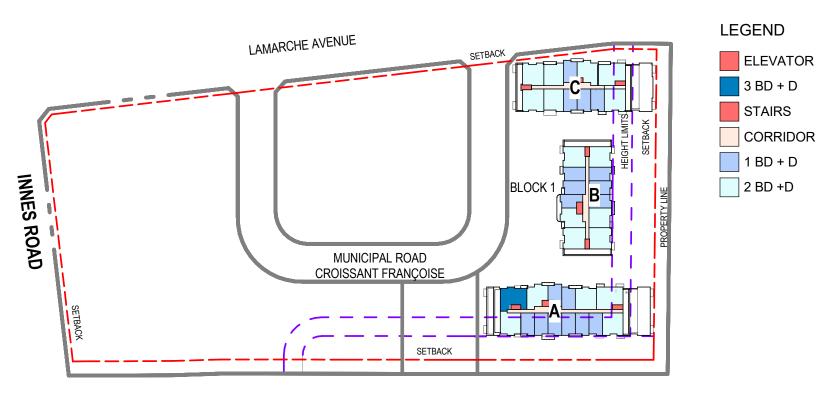








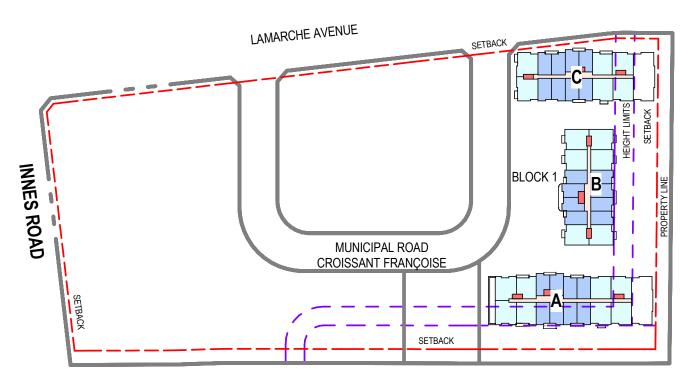


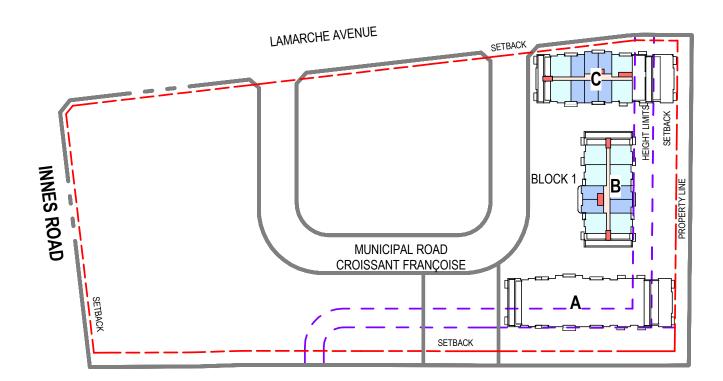


4TH FLOOR
1:2000

6TH FLOOR

1:2000

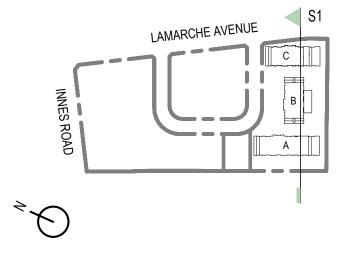


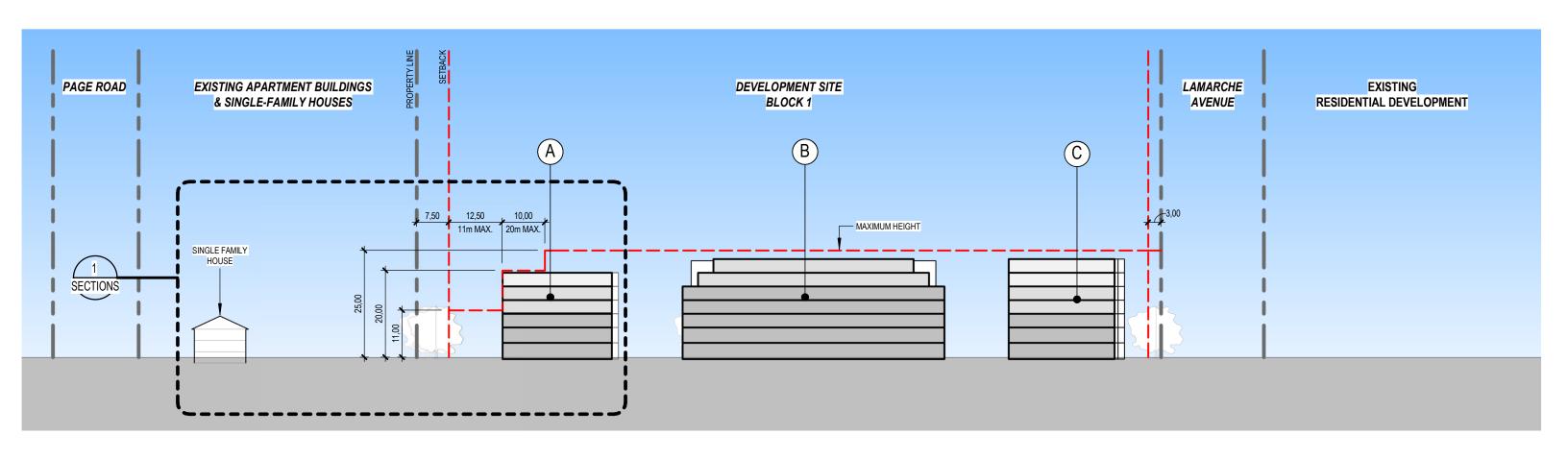


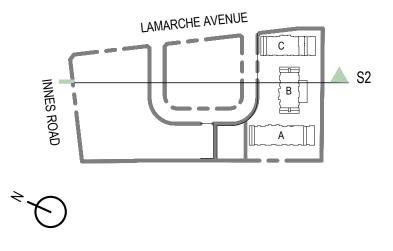
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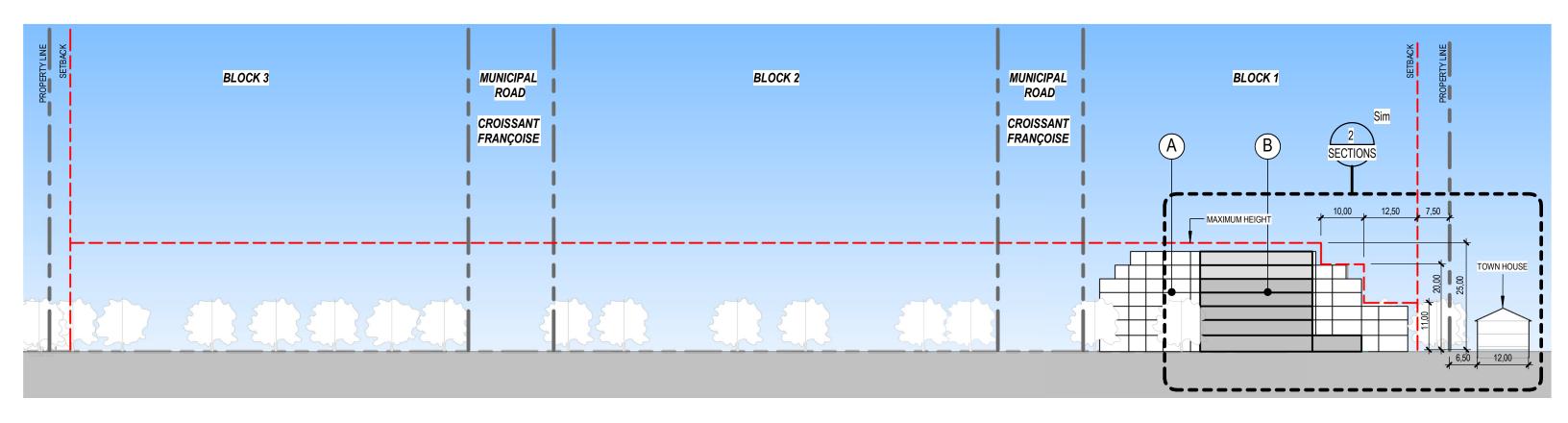
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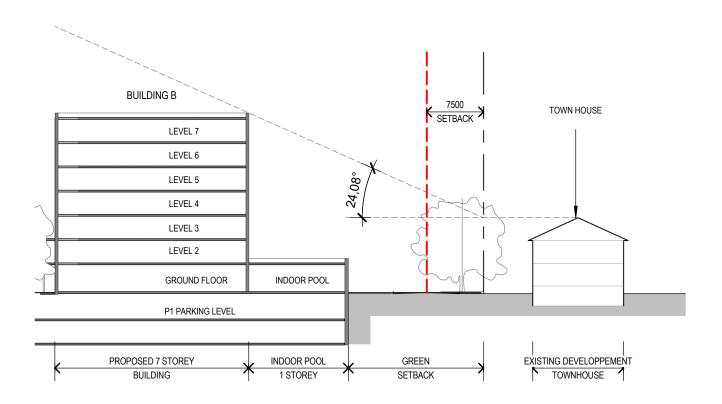
7TH FLOOR





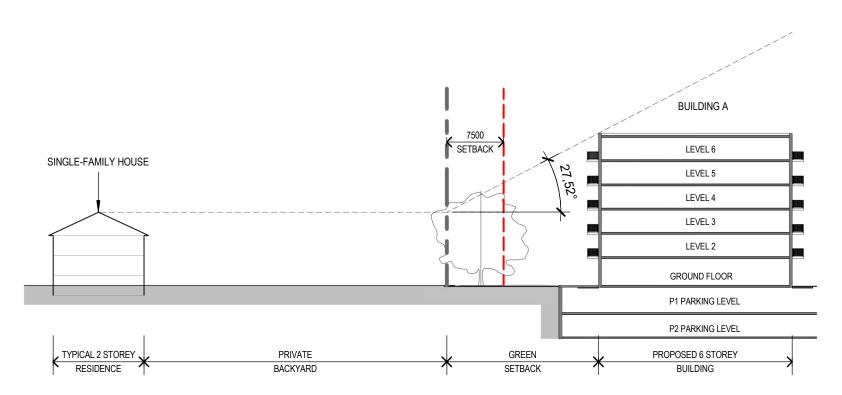






SECTION 02 - BUILDING B

1:500



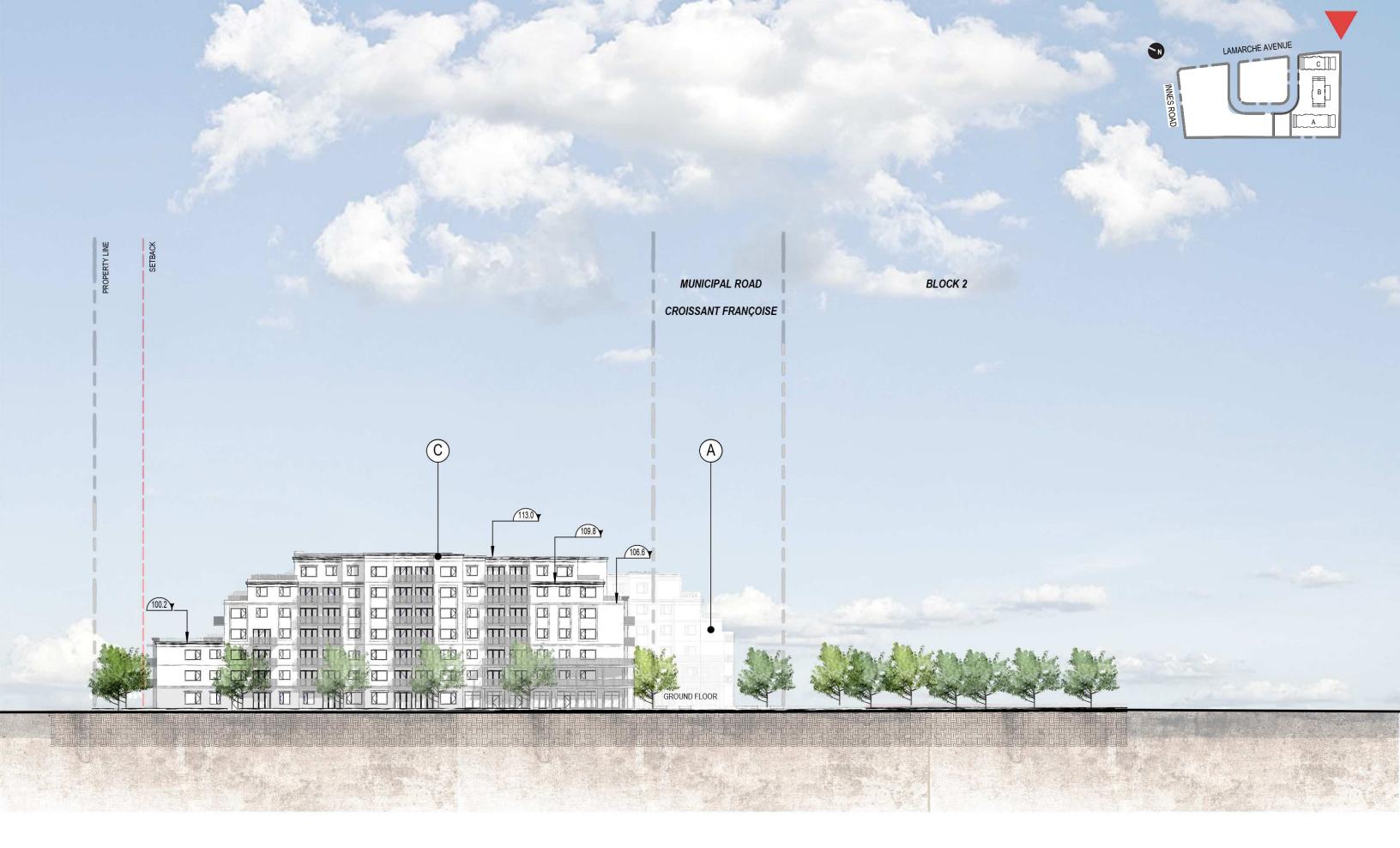
SECTION 01 - BUILDING A

1 · 500

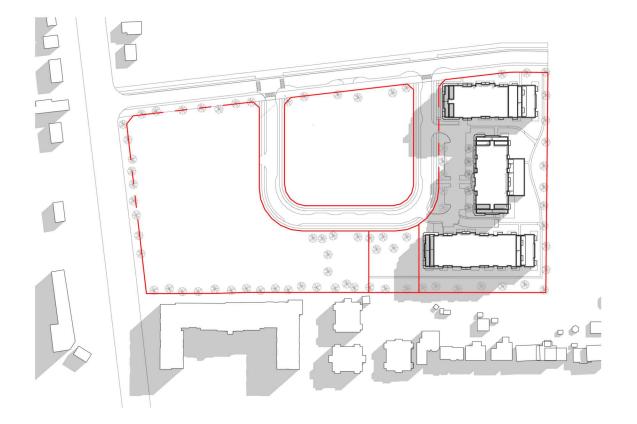






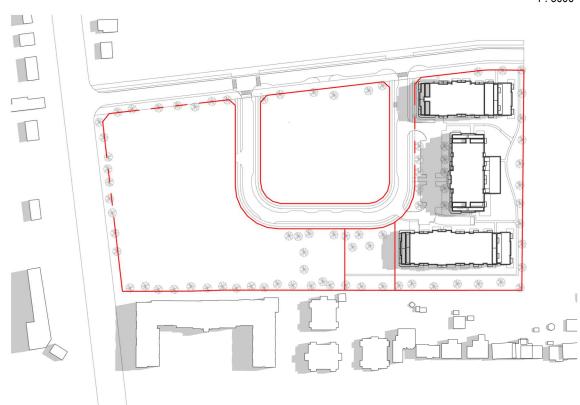






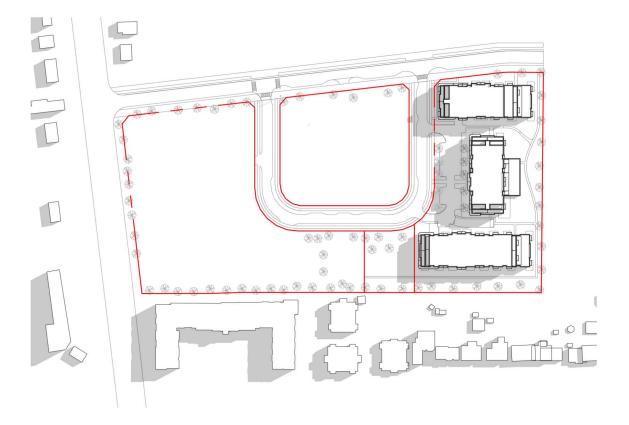
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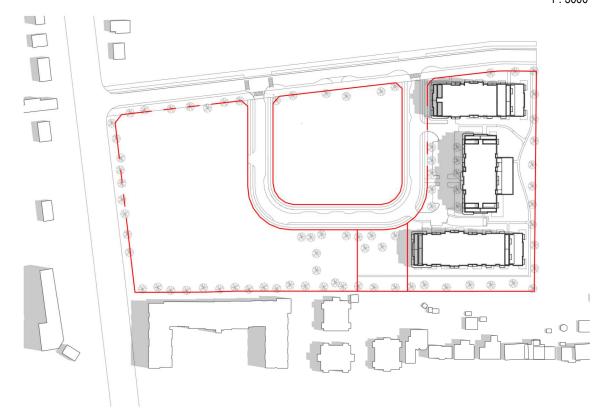
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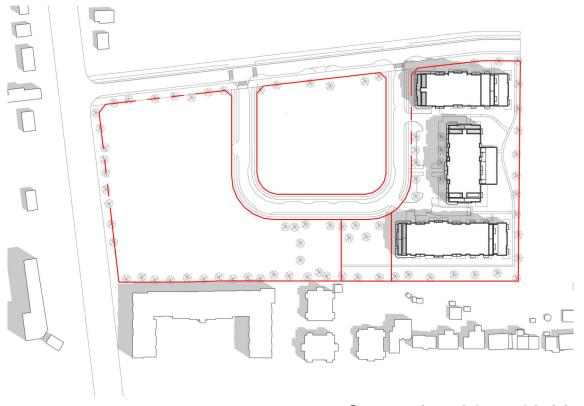


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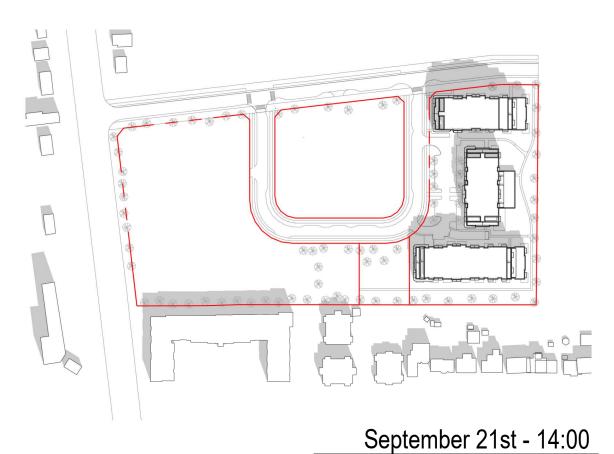
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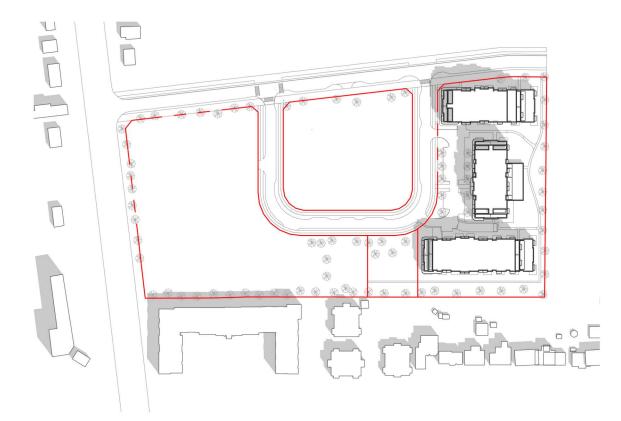


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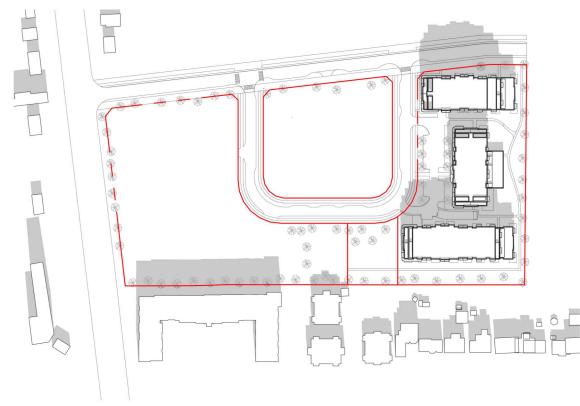
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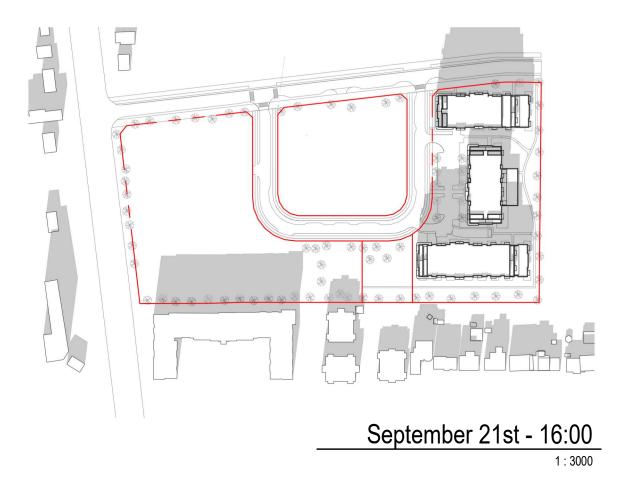


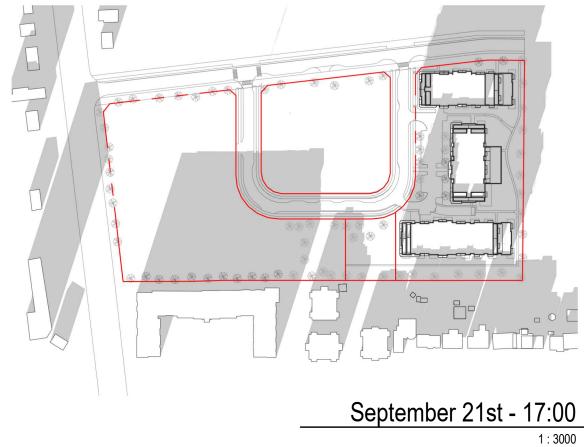
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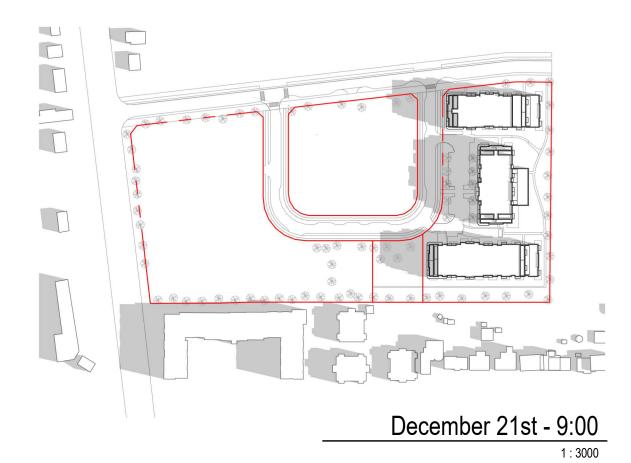
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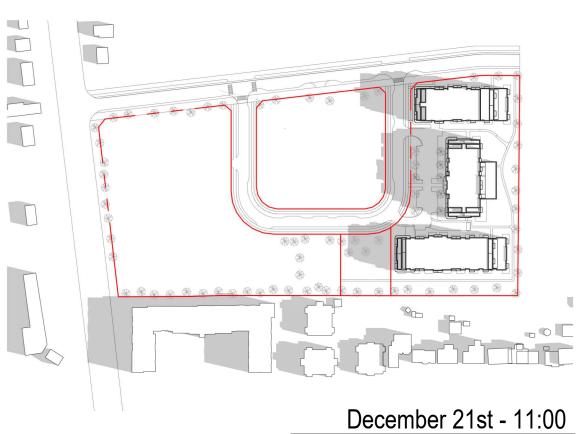


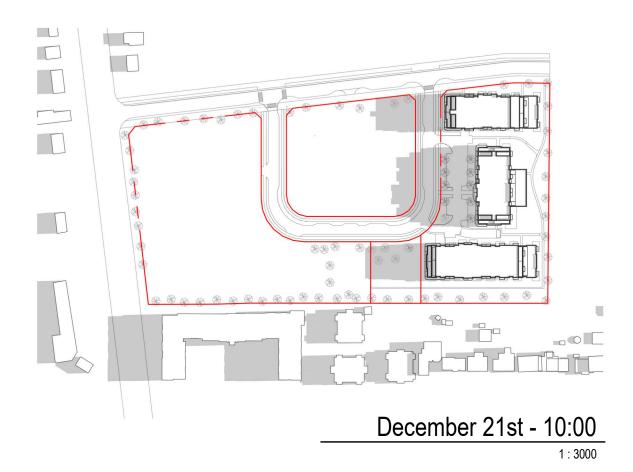
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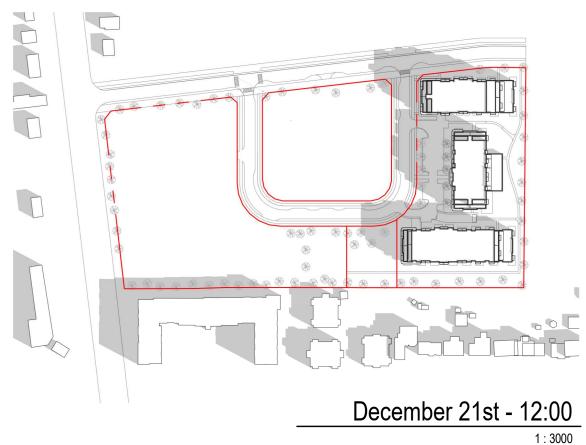


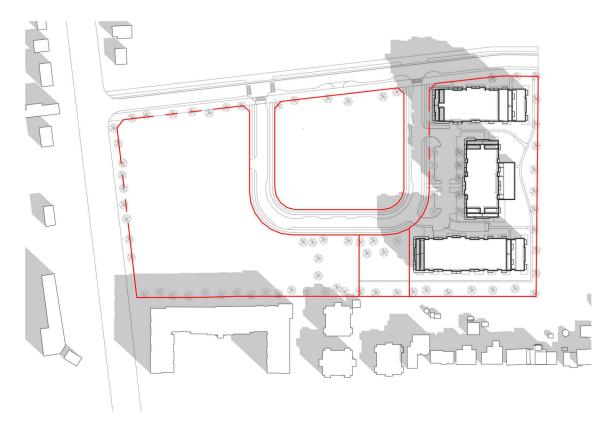










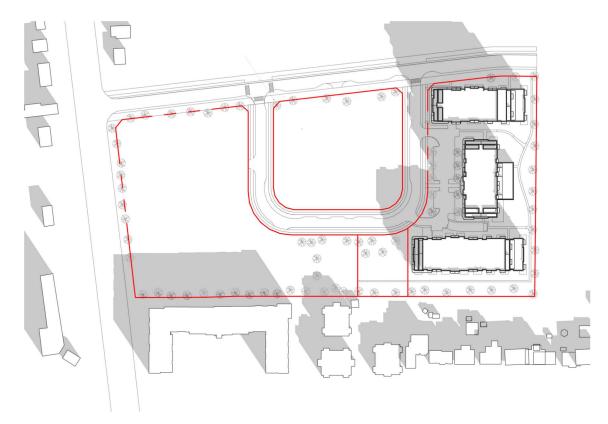


December 21st - 13:00

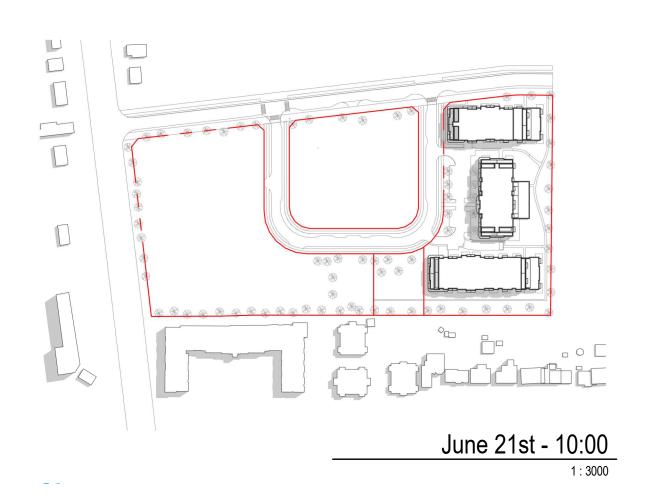
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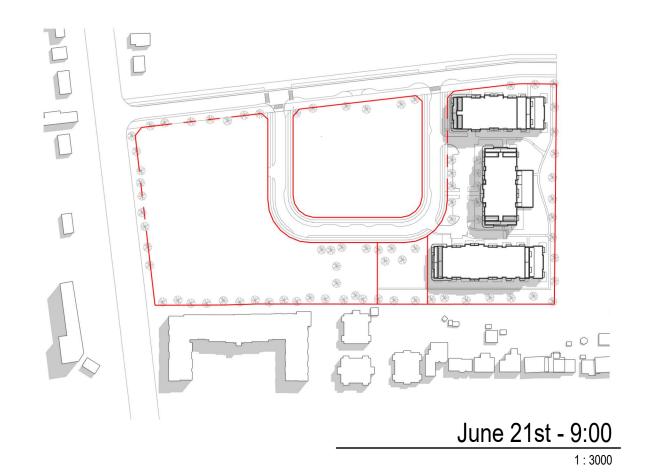
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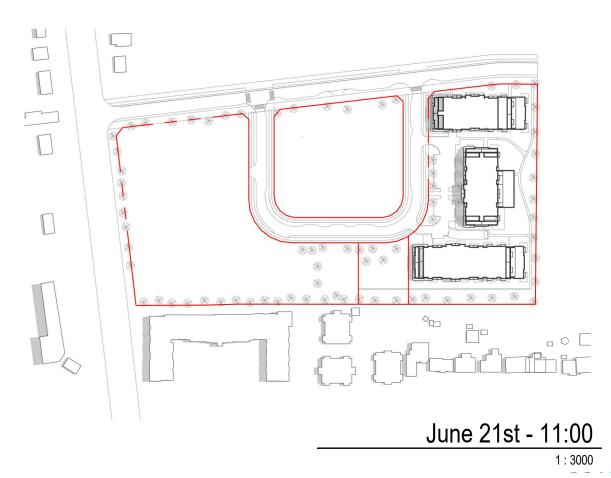
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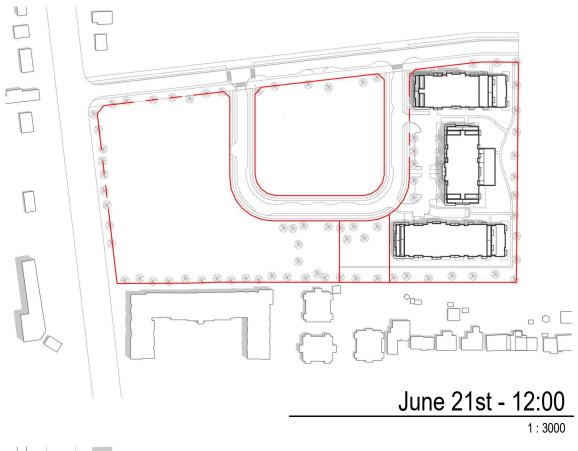


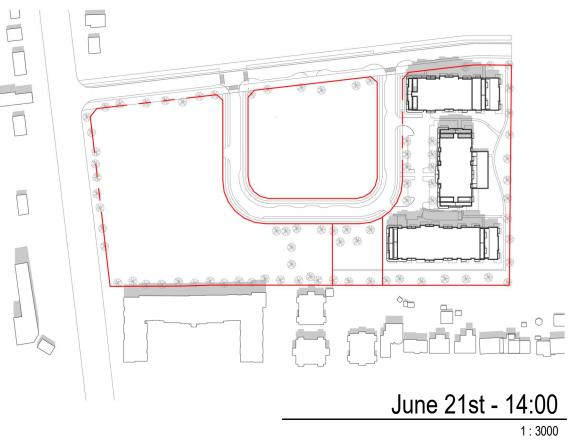
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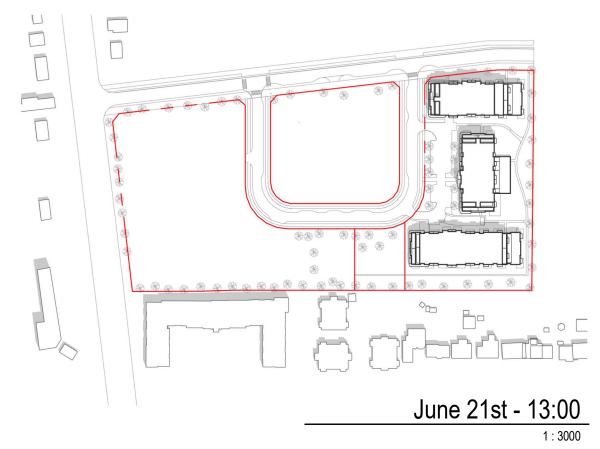


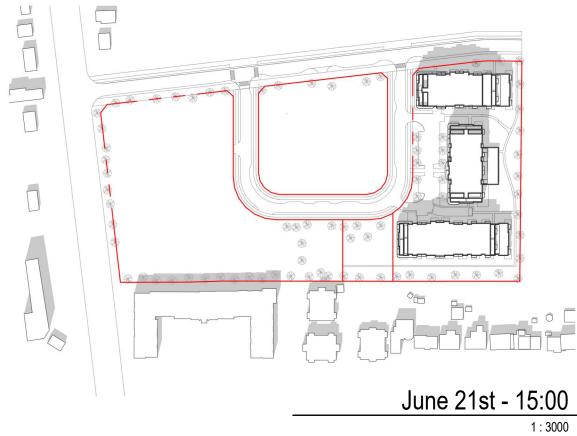


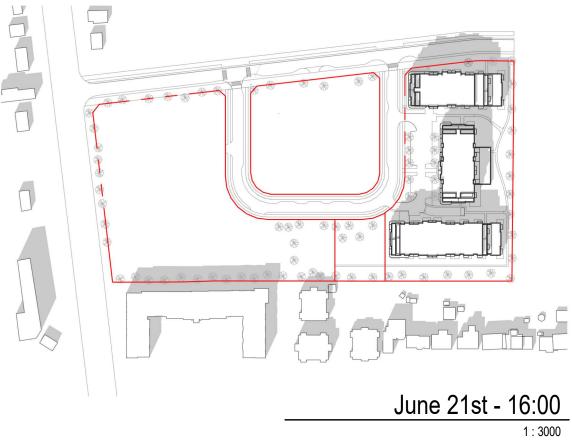




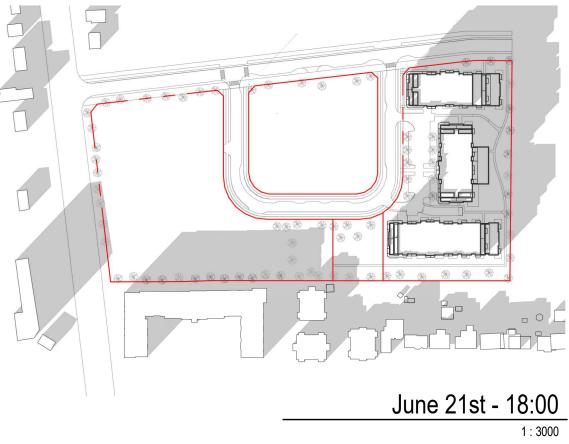


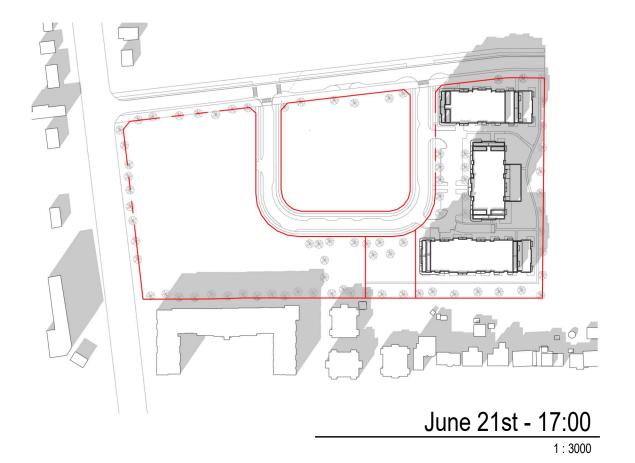












GROSS AREA BLOCK 1					
Gross A	rea				
BLOCK	BUILDING		GROS	S AREA	FOOTPRINT
			m²	sq.ft	m²
BLOCK 1	Building A Building B Building C		12 047 m ² 10 926 m ² 11 282 m ²	129 678 ft² 117 604 ft² 121 442 ft²	2 203 m ² 1 963 m ² 1 860 m ²
TOTAL			34 256 m²	368 724 ft²	6 027 m²

UNIT COUNT BLOCK 1			
PAVILION A	PAVILION B	PAVILION C	TOTAL
105 UNITS	81 UNITS	99 UNITS	285 UNITS

GENERAL STATISTICS

LOT AREA	51 806	m²
	557 635	sq.ff
MUNICIPAL ROAD	6 180	m²
	66 521	sq.fl
NET DEVELOPMENT AREA	45 626	m²
	491 114	sq.fl

DEVELOPMENT BLOCK 1		
BLOCK 1 (DEVELOPMENT AREA)	15 736	m²
	169 381	sq.ft
STREET AREA (DLOCK 4)	3 507	m²
STREET AREA (BLOCK 1)	37 749	sq.ft
	1 968	m²
BLOCK 4 (PARK FOR BLOCK 1)	21 183	sq.ft
	21 211	m²
TOTAL	228 313	sq.ft

FUTURE DEVELOPMENT BLOCK 2	9 180 98 813	m² sq.ft
FUTURE DEVELOPMENT BLOCK 3	18 742 201 737	m² sq.ft
STREET AREA BLOCK 2 + 3	2 673 28 783	m² sq.ft

PARK RATE FOR RESIDENTIAL AND MIXED USE BLOCK 1 (10 %): 1 574 m²

PARK BLOCK 4 (REQUIRED BY THE CITY) : 1 960 m² STREET AREA BLOCK 1 : 3 507 m²

PARK AREA PROVIDED : 1 968 m²

DENSITY	FOOTPRINT / ZONE AREA
BLOCK 1	38.2%

	1 ANDOGADED ADEA
BLOCK 1	2.17
DENSITY PER ZONE	GROSS CONSTRUCTED AREA / DEVELOPABLE ZONE AREA

	LANDSCAPED AREA
BLOCK 1	8 000 m² 86 111 sq.ft

