DESIGN BRIEF

Submitted To:



Open Plan Architects Inc. 2305 Hillary Ave. Ottawa, ON K1H 7J2 613-883-5090



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Section I

This map has not been requested; however, the context is provided to assist with associating the vantage points used in the context photos and perspective massing views.

1.1 Context Plan:



Figure 1.1.1. Context map Refer to images 1.1.2. to 1.1.5. below which correspond with the vantage points shown.



Image 1.1.2. Looking north from corner of Gould St. and Rockhurst Rd. towards Scott St.



Image 1.1.3. Looking west from Scott St. towards Rockhurst Rd..



Image 1.1.4. Looking east from Scott St. towards Rockhurst Rd.



Image 1.1.5. (This area is outside of the study area shown on the context map) – looking west from Richmond Rd. near intersection of Western Ave. showing the vibrant main street, within walking distance of the proposed site. Shopping, services, and employment opportunities for tenants are easily accessible.

Section II - Design Proposal:

2.1 Massing and Scale – Building Massing and Views:



Figure 2.1.1 Perspective looking southwest from Scott St. toward site



Figure 2.1.2. Perspective looking south from Scott St. toward site.



Figure 2.1.3. Perspective from Rockhurst Rd. looking north to Scott St.



Figure 2.1.4. Perspective from Rockhurst Rd. toward entrance.



Figure 2.1.5. Perspective detail of building façade from Scott St. showing side exit.



Figure 2.1.5. Perspective detail of building entrance from corner of Scott St. and Rockhurst Rd.

2.2 Massing and Scale – Building Transition:



Figure 2.2.1 Building transition

The proposed building steps down towards the property at 49 Rockhurst. The roof parapet also slopes away from the neighbouring lot. Due to the site's location north of the low-density dwellings, the shadow impact is minor. Landscape elements including trees and planting soften the mass at the street level allowing a gentler fit.

The proposed intensification transitions appropriately between the 2-storey fabric to the south and the Tunney's Pasture site to the northeast (which includes high-rise buildings). Please also reference the streetscape section (figure 2.4.1. and a larger format version is included in the appendix).

2.3 Massing and Scale - Grading:

Please refer to the proposed grading plan prepared by Stantec, which is appended to this document.

2.4 Public Realm – Streetscape:



Figure 2.4.1 Streetscape Cross Section

The City of Ottawa's Urban Design Guidelines for Low-Rise Infill Housing were used in the development of this design. A selection of some of the guidelines to which this proposal adheres is highlighted below:

- 1. Contributes to an inviting, safe, and accessible streetscape. The development locates principal entries, windows, porches and key internal uses at street level and has no steps before the lobby to create a zero-step accessible building (s. 2.1);
- 2. Reflects the desirable aspects of the established streetscape character, including predominantly shallow front yard setbacks (s. 2.2);
- 3. Designs zero-step, accessible walkways, from private entrances to public sidewalks (s. 2.6);
- 4. A sense of separation is created between the proposed building and the sidewalk with planting, which defines the public spaces (sidewalk and road) and the semi-public space of the front yard along Rockhurst Road (s. 3.7); and
- 5. Ensures that the new building faces and animates the public streets. Ground floors with windows that face both Rockhurst Road and Scott Street, and principal entries face onto Rockhurst Road, contributing to the animation, safety and security of the streets (s. 4.1.1).

Please also refer to section 4.4 of the Planning Rationale, which provides a more detailed response to these guidelines.

2.5 Building Design:

Please refer to the large-format plans, elevations and shadow study appended to this document, when referring to the below explanation of the design.

The property borders sites generally characterized by 2-storey single-family homes and fronts Scott Street, a busy arterial street. Although no development proposals could be found in the immediate context, the wider context is indicative of a neighbourhood in flux, characterized by a modern-rather-than classical aesthetic.

The proposal will provide a variety of suite types to serve the important need for rental housing opportunities. It is to be located in a walkable community, with convenient access to shops and services (i.e. image 1.1.5. above) and is near the Tunney's Pasture LRT station, offering convenient commuter access to the city at large. The 16-unit apartment building is an appropriate intensification of this land that is of benefit to the community.

The building's expression is characterized by a playful aesthetic. Interest is generated through a rhythm of fenestration and solid wall panels, juxtaposed with the colour / texture of wood accent panels. The building mass remains within the proposed re-zoned building height, per the R4UD zone, and rises a modest two-to-three floors over the adjacent buildings. Owing to its location north of the low-rise neighbourhood, shadow impacts are minimal and affect primarily at early and late times of day.

The building engages the street level using planting beds filled with shrubs, with the addition of 6 new trees, and quality treatments such as precast pavers, all to soften the transition between the walls and ground plane. Together with the accent-coloured entrance canopy and door, which signal the main entrance, these high-quality landscape interventions also serve to establish a human scale for the building (refer to image 2.1.5. and 2.1.6.) and create a pleasant place where residents can recreate and interact.



Figure 2.5.1 East Front Elevation



Figure 2.5.2 West Rear Elevation



Fig. 2.5.3 South Elevation



Fig. 2.5.4 North Elevation

2.6 Sustainability:

The proposal offers a compact building footprint with a high-density of dwelling units as compared with the building it replaces. It is within close proximity to public transit and within walking distance to local retail establishments, all consistent with the City's infill priorities, and which reduces dependency on personal vehicles.

The building typology by virtue of its compactness and shared walls (minimization of exterior wall surface area) will have improved energy performance over a less compact form.

The size and diversity of units (bachelor, 1-bed, 1-bed-plus-den, and 2-bed units) also supports social sustainability with a range of high-quality rental options being available to renters.

Finally, the site will benefit from a net increase in the number trees after development, which together with a light-coloured roof membrane, will contribute to mitigation of heat-island effect.

2.7 Response to City Urban Design comments:

Comment 1:

Site layout/amenity: This is the first change in an existing context of low-rise single detached houses and will be better understood/supported if the modelling includes the existing context and the surrounding future context. One of the measures we use to determine an appropriate level of intensification is the size of site and how well it can accommodate the requirements of the development;

Response: The revised context massing images are included below and illustrate the existing surrounding buildings. No applications for infill buildings in the immediate context area could be found.

It is also worth nothing that at four 4 storeys, the proposed development is considered low-rise. It therefore fits into the existing and future context of the broader neighbourhood. Moreover, the lot size is a sufficient size to accommodate this proposed infill building.

Comment 2:

Balconies: Although we appreciate the articulation these provide to the stark massing they should be reasonably designed to mitigate over-look on neighbouring properties and not negatively impinge on the street facing facade. Perhaps the columns could be removed?

Response: The balconies, which were previously facing west, have been reoriented to the south. The balcony columns have been removed in favour of cantilevered balconies as recommended.

Additionally, the 7.5-metre setback to the south helps to mitigate concerns related to overlook, as it provides a suitable buffer between the proposed building and the adjacent neighbour.

Comment 3:

Garbage/bike storage: In a context as sensitive as this we recommend the storage of garbage and bikes be internal to the building envelope;

Response: Waste and bicycle storage rooms have been reintegrated into the interior of the building and are positioned at grade level to make circulation most effective.

Comment 4:

General massing: We appreciate the creative use of material to help break down the form, however, we believe further articulation to soften the box expression may benefit the design such as providing stepping on the facade and/or setting back portions of the upper floors to help the jump in scale fit into the context;

Response: The fourth level and balconies have been stepped back by 0.4 m. Together with the parapet, which slopes downward towards the lower lying buildings south of the site,p these measures will assist with the desired visual transition.

Please also see the Planning Rationale, which responds to policies related to façade recession per s. 161(15)(h) in the Zoning By-law and provides a rationale for seeking relief from this performance standard.

Comment 5:

Rear yard amenity/landscaping: We recommend this area be clearly defined for how it will be used and visually protected from the street;

Response: Fencing will define the amenity area with respect to the neighbouring sites, and to soften the transition to the road and parking spaces, landscaping beds have been added.

Comment 6:

Trees: We recommend efforts be made to preserve existing trees and for the Site Plan to indicate these and provide locations for new trees on the site.

Response: 3 existing trees will be preserved (please refer to landscape plan) and the proposal includes a plan to add 7 additional trees. These will be located along Scott Street (3 new trees), at Rockhurst (3 small deciduous trees) and in the interior side yard (1 small deciduous tree).

Signature of Architect Representative,

Open Plan Architects Inc.:

p23 November 2022

Date

Kristopher Benes, OAA,

Principal Architect



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Architectural site plan



Landscape plan



Grading plan



Stantec

Stantec Consulting Ltd. 400 - 1331 Clyde Avenue Ottawa ON Tel. 613.722.4420 www.stantec.com

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ORIGINAL GROUND ELEVATION

PROPOSED LOT CORNER ELEVATION

EXISTING ELEVATION AT LOT CORNER

FLOW DIRECTION AND GRADE

FINISHED FIRST FLOOR ELEVATION

TOP OF FOUNDATION ELEVATION

TERRACING 3:1 SLOPE MAXIMUM

(UNLESS OTHERWISE SHOWN)

DIRECTION OF EMERGENCY

OVERLAND FLOW ROUTE

PROPOSED VALVE BOX

DEPRESSED CURB LOCATION

PROPOSED DOOR LOCATIONS

UNDERSIDE OF FOOTING ELEVATION

PROPOSED ELEVATION

Legend

imes 99.99 $\times^{99.99}$ 2.0% FF=99.99 TF=99.99

USF=99.99 3:1











PROPOSED CATCHBASIN MANHOLE AND COVER

PROPOSED LANDSCAPE CATCH BASIN AS PER \$30,\$31

Notes

TOPOGRAPHIC SURVEY AND BENCHMARK COMPLETED FARLEY, SMITH & DENIS SURVEYING LTD. COMPLETED JAN 04, 2022, REGISTERED ON JAN 17, 2022 BENCHMARK LOCATION, TOP OF SPINDLE ELEVATION ON HYDRANT AT INTERSECTION OF SCOTT STREET AND ROCKHURST ROAD. ELEVATION=63.62

2. SITE PLAN PREPARED BY OPEN PLAN ARCHITECT, DATED NOV 1, 2022.

1 ISSUED FOR REVIEW		JP	AG	22.11.17
Revision		Ву	Appd.	YY.MM.DD
File Name: 160401438-DB	JP	AG	JP	22.08.05
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

2851944 Ontario Inc. 14 Breadner Blvd.

4 STOREY APARTMENT 1806 SCOTT STREET OTTAWA, ONTARIO

Title GRADING PLAN

Project No. Scale ₀ 160401747 1:100 Drawing No. Sheet Revision GP-1 3 of 6

Floor plans



<u>CLIENT / OWNER</u> : GABRIELA GODINEZ-LAVERTY AND COLIN LAVERTY 14 BREADNER BOULEVARD, TRENTON, ON K8V 1E2 613-274-2872

STRUCTURAL ENGINEER ALTIRA DESIGN AND CONSTRUCTION LTD. 2445 CLOVER STREET OTTAWA, ON K1V 8G4

613-697-6974

CONSULTING PLANNER & LANDSCAPE ARCHITED

FOTENN 396 COOPER STREET, SUITE 300 OTTAWA, ON K2P 2H7 613-730-5709

<u>SURVEYOR</u> : FARLEY SMITH & DENIS SURVEYING LTD. 1331 CLYDE AVENUE, SUITE 300 OTTAWA, ON K2C 3G4 613-722-4420

<u>CIVIL ENGINEER :</u> STANTEC 30 COLONNADE ROAD, SUITE 275 OTTAWA, ON K2E 7J6 613-727-8226

01	ISSUED FOR SITE PLAN CONTROL & ZBA	23 NOV. 2022
rev. / issue	description	date MM/DD/YY

THE ARCHITECT WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS, AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE ARCHITECT'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON SITE AND PROMPTLY REPORT ALL ERRORS AND/OR OMISSIONS TO THE CONSULTANT BEFORE WORK COMMENCES.

ALL WORK IS TO FOLLOW THE OBC 2012 AND ANY OTHER APPLICABLE CODES AND REGULATIONS.

do not scale drawings.

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Kristopher D. Benes, OAA, MRAIC, LEED AP



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project

1806 SCOTT STREET, OTTAWA **RENTAL APARTMENT BUILDING**

drawing

FLOOR PLANS **BASEMENT & GROUND**

drawn	KDB	date	JANUARY 2022
approved	KDB	revision	
project no.	2120	scale	1 : 50
drawing no.			





01	ISSUED FOR SITE PLAN CONTROL & ZBA	23 NOV. 2022
rev. / ssue	description	date MM/DD/YY

drawn	KDB	date	JANUARY 2022
approved	KDB	revision	$\sqrt{0}$
project no.		scale	1 . 50
	2120		
drowing no			

Building Elevations













01	ISSUED FOR SITE PLAN CONTROL & ZBA	23 NOV. 2022
rev. / ssue	description	date MM/DD/YY

drawing no.

drawn	KDB	date	JULY 2022
approved	KDB	revision	
project no.	2120	scale	1 : 150

Shadow Study

September / March 21st

12:00

16:00

December 21st

10:00

12:00

16:00

14:00

June 21st

08:00

12:00

16:00

10:00

14:00

18:00

Streetscape Cross Section

