

Ontario Building Code Design Information

Proposed: OPA/ZBA Submission - TH (10 UNITS)
Location: 63 Albany St, Oshawa, ON L1H 2Z2
Permit Application No.:
Site Plan Application No.:
Oshawa Snow Load Map Received: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Major Occupancy: <input type="checkbox"/> A-_____ <input type="checkbox"/> B-_____ <input checked="" type="checkbox"/> C- <u>3.2.2.42</u> <input type="checkbox"/> D-_____ <input type="checkbox"/> E-_____ <input type="checkbox"/> F-_____
F-3 Combustible content of <input type="checkbox"/> _____ kg/sq. m (lb/sq. ft.) <input type="checkbox"/> _____ MJ/sq. m (BTU/sq. ft.)
Building Area: Existing - _____ sq. m Proposed <u>548.10</u> sq. m Total <u>548.10</u> sq. m
Gross Area: Existing - _____ sq. m Proposed <u>1587.5</u> sq. m Total <u>1587.5</u> sq. m
Building Height: Storeys <u>3</u> Height <u>10.3</u> m Level(s) of basement _____
Building Divided by Firewalls: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Building A _____ sq. m Building B _____ sq. m Building C _____ sq. m
Firewall Construction: <input type="checkbox"/> Concrete <input type="checkbox"/> Masonry _____ Hours FRR, extended _____ mm above roof
Proposed Mezzanines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Open mezzanine: _____ sq. m located in _____ Enclosed mezzanine: _____ sq. m located in _____
Building is required to face: <input checked="" type="checkbox"/> <u>1</u> _____ OBC defined public street(s) <input type="checkbox"/> _____ access route(s) for Fire Department vehicles
Fire Hydrant located within: <u>44</u> m <input type="checkbox"/> from building entrance <input checked="" type="checkbox"/> from Fire Department connection
Fire Sprinkler System Proposed: <input type="checkbox"/> Entire Building <input type="checkbox"/> Addition Only <input type="checkbox"/> Basement Only <input type="checkbox"/> In Lieu of Roof Rating <input checked="" type="checkbox"/> Not Proposed
Governing OBC Article: <input type="checkbox"/> 3.2.2. _____ <input checked="" type="checkbox"/> Table 9.10.8.1. <input type="checkbox"/> 3.2.2. _____ <input type="checkbox"/> High Building 3.2.6.
Permitted Construction: <input checked="" type="checkbox"/> Combustible <input type="checkbox"/> Noncombustible <input type="checkbox"/> Both
Actual Construction: <input checked="" type="checkbox"/> Combustible <input type="checkbox"/> Noncombustible <input type="checkbox"/> Both
Energy Efficient Design Standard: <input checked="" type="checkbox"/> To Be Determined at Building Permit Application <input type="checkbox"/> Exceed 13% of SB10 Div.2 or 4 <input type="checkbox"/> ASHRAE 189.1-2014 <input type="checkbox"/> ASHRAE 90.1-2013+SB10 <input type="checkbox"/> NECB-2015+SB10 <input type="checkbox"/> SB10 Div. 5 (Part 9 Non-Residential) <input type="checkbox"/> SB12 Chapter 1 and 3 (Part 9 Residential) <input type="checkbox"/> Exceed 15% of SB12 Chapter 2 <input type="checkbox"/> Exempt from Energy Efficiency – Explanation: _____

Proposed:

Total Occupant Load: 2 persons based on: (2 Person/Bedroom)
 _____ sq. m /person not found in OBC T.3.1.17.1.

Fire Alarm System: Yes No
If No, Explain _____

Standpipe and Hose System: Yes No
If No, Explain: _____

Barrier-Free Design: Yes No
If No, Explain: _____

Required Fire Resistance Rating (FRR) (Note: Optional for Site Plan Application)

Horizontal Assemblies FRR Hours: Floors <u>3/4</u> hours Roof <u>0</u> hours Mezzanine <u>n/a</u> hours	FRR of Supporting Members Floors <u>3/4</u> hours Roof <u>0</u> hours Mezzanine <u>n/a</u> hours
Listed Design No. or Description Floors _____ hours Roof _____ hours Mezzanine _____ hours	ULC Design No. or Description Floors _____ hours Roof _____ hours Mezzanine _____ hours

Spatial Separation - Construction of Exterior Walls (submit calculations if required)

Wall	Area of EBF (m ²)	L.D. (m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	Comb. Const.	Comb.Constr. Noncomb. Cladding	Noncomb. Constr.
North	82.4	1.2		7%	0%					
South	82.4	1.5		5%	0%					
East	62.8	18.0		100%						
West	62.8	8.7		65%						

Design & Review By: OAA P. Eng. CET MAATO BCIN

Name: BERARDO E. GRAZIANI	BCIN #
Firm: GRAZIANI + CORAZZA ARCHITECTS INC.	BCIN #
Phone: 905.795.2601	Email: bgraziani@gc-architects.com
Date: 2024/09/26	Signature:

Note: Every building or part thereof described in OBC Division C, Table 1.2.1.1. shall be designed and reviewed by an architect, professional engineer or both.

Reference: 2012 Ontario Building Code, as amended