



## Ontario Building Code Data Matrix for Existing Buildings

**OBC  
Reference**

Project Description	Addition	Alteration	Change of Use	Part 3  <hr style="width: 50%; margin: auto;"/> Part 9  <hr style="width: 50%; margin: auto;"/> Part 11  <hr style="width: 50%; margin: auto;"/> Part 10
Major Occupancies				
Superimposed Major Occupancies	No	Yes		
Building Area	Existing		m <sup>2</sup>	
	Demolished		m <sup>2</sup>	
	New		m <sup>2</sup>	
	<hr style="width: 80%; margin-left: 0;"/>			
	Total		m <sup>2</sup>	
Gross Area (excludes basements)	Existing		m <sup>2</sup>	
	Demolished		m <sup>2</sup>	
	New		m <sup>2</sup>	
	<hr style="width: 80%; margin-left: 0;"/>			
	Total		m <sup>2</sup>	
Basement Area	Existing		m <sup>2</sup>	
	Demolished		m <sup>2</sup>	
	New		m <sup>2</sup>	
	<hr style="width: 80%; margin-left: 0;"/>			
	Total		m <sup>2</sup>	

Mezzanine(s) Area	Open Mezzanine(s)		Enclosed Mezzanine(s)			
	No	Yes	No	Yes		
	Existing	m <sup>2</sup>	Existing	m <sup>2</sup>		
	Demolished	m <sup>2</sup>	Demolished	m <sup>2</sup>		
	New	m <sup>2</sup>	New	m <sup>2</sup>		
	_____		_____			
	Total	m <sup>2</sup>	Total	m <sup>2</sup>		
	Area of <u>room</u> in which the mezz is located:	m <sup>2</sup>	Area of <u>suite</u> in which the mezz is located:	m <sup>2</sup>		
	Agg. mezz % of room:	%	Agg mezz % of suite:	%		
Number of Storeys	Above Grade					
	Below Grade					
Height of Building	m <sup>2</sup> (finished grade to floor level of top storey)					
Number of Streets/Access Routes	1 Street		2 Streets		3 Streets	
Building Classification	Group	Division	3.2.2.	or	Part 9	
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Construction Types	OBC Requirement (per applicable 3.2.2.):					
	Combustible permitted					
	Non-combustible required					
	Encapsulated Mass Timber					
	Actual:	Combustible				
		Non-combustible				
		Heavy Timber in accordance with 3.2.2.16.				
		Combination of combustible and non-combustible				
		Encapsulated Mass Timber				

<p>Sprinkler System</p>	<table border="0"> <tr> <td></td> <td style="text-align: center;">Required</td> <td style="text-align: center;">Not Required</td> </tr> <tr> <td colspan="3">Existing:</td> </tr> <tr> <td></td> <td colspan="2">Entire building</td> </tr> <tr> <td></td> <td colspan="2">Selected compartments</td> </tr> <tr> <td></td> <td colspan="2">Selected floor areas</td> </tr> <tr> <td></td> <td colspan="2">Basement only</td> </tr> <tr> <td></td> <td colspan="2">In lieu of roof rating</td> </tr> <tr> <td></td> <td colspan="2">None</td> </tr> <tr> <td colspan="3">Proposed:</td> </tr> <tr> <td></td> <td colspan="2">Entire building</td> </tr> <tr> <td></td> <td colspan="2">Selected compartments</td> </tr> <tr> <td></td> <td colspan="2">Selected floor areas</td> </tr> <tr> <td></td> <td colspan="2">Basement only</td> </tr> <tr> <td></td> <td colspan="2">In lieu of roof rating</td> </tr> <tr> <td></td> <td colspan="2">None</td> </tr> <tr> <td>NFPA</td> <td colspan="2">Edition:</td> </tr> <tr> <td>Notes:</td> <td colspan="2"></td> </tr> </table>		Required	Not Required	Existing:				Entire building			Selected compartments			Selected floor areas			Basement only			In lieu of roof rating			None		Proposed:				Entire building			Selected compartments			Selected floor areas			Basement only			In lieu of roof rating			None		NFPA	Edition:		Notes:			
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Fire Alarm	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">Required</td> <td style="width: 50%; text-align: center;">Not Required</td> </tr> <tr> <td colspan="2">Proposed:</td> </tr> <tr> <td style="text-align: center;">Single Stage</td> <td style="text-align: center;">Two-Stage</td> </tr> <tr> <td style="text-align: center;">None</td> <td style="text-align: center;">Other</td> </tr> </table> Notes:	Required	Not Required	Proposed:		Single Stage	Two-Stage	None	Other								
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Required Fire Resistance Ratings	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>Horizontal Assembly</u></th> <th style="text-align: center;"><u>Rating (hours)</u></th> <th style="text-align: left;"><u>Noncombustible in lieu of rating?</u></th> </tr> </thead> <tbody> <tr> <td>Floors over basement</td> <td style="text-align: center;">h</td> <td></td> </tr> <tr> <td>Floors</td> <td style="text-align: center;">h</td> <td></td> </tr> <tr> <td>Mezzanine</td> <td style="text-align: center;">h</td> <td></td> </tr> <tr> <td>Roof</td> <td style="text-align: center;">h</td> <td></td> </tr> </tbody> </table>	<u>Horizontal Assembly</u>	<u>Rating (hours)</u>	<u>Noncombustible in lieu of rating?</u>	Floors over basement	h		Floors	h		Mezzanine	h		Roof	h		
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Water Service / Supply is Adequate	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">No</td> <td style="width: 50%; text-align: center;">Yes</td> </tr> </table>	No	Yes														
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High Building (3.2.6.)	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">No</td> <td style="width: 50%; text-align: center;">Yes</td> </tr> </table>	No	Yes														
No	Yes																
Occupant Load	Existing:                                      persons Proposed Total:                                persons (Occupant Load info continued on next page...)																

Occupant Load (continued)	<p>Based on:</p> <p>Table 3.1.17.1. - m<sup>2</sup>/person</p> <p>Design of Building</p> <p>Two persons per sleeping room</p> <p># of fixed seats in assembly occupancy</p>	
Washrooms	<p>Number of Fixtures Required</p> <p>Male: Female:</p> <p>Staff:</p> <p>Universal Washrooms:</p> <p>Number of Fixtures Provided</p> <p>Male: Female:</p> <p>Staff:</p> <p>Universal Washrooms:</p>	
Barrier-Free Design	<p>No Yes</p> <p>If no, explain:</p>	
Concealed space (floor or ceiling) used as a plenum	<p>No Yes</p>	
Hazardous Substances	<p>No Yes</p> <p>If yes, explain:</p>	

Spatial Separations:  
 Applicable Tables: \_\_\_\_\_ and \_\_\_\_\_

Wall	Area of EBF (m <sup>2</sup> )	L.D. (m)	L/H or H/L	Permitted max % of UPO	Proposed % of UPO	FRR	Listed Design	Type of Const Req'd	Type of Cladding Req'd
North				%	%				
South				%	%				
East				%	%				
West				%	%				

Part 10/11 - Change of Use and/or Performance Level Evaluation of Existing Buildings				OBC Reference	
Building Classification	<b>Existing Building Classification</b>			3.1.2.1. / 9.10.2.1. T.11.2.1.1. T.11.2.1.1. (footnotes) T. 11.2.1.1. T. 11.2.1.1 A	
	Major Occupancy Classification:				
	Describe Use:				
	Building Size:	Small	Medium	Large	>Large
	Hazard Index:				
	Construction Index:				
	<b>Proposed Building Classification</b>			3.1.2.1. / 9.10.2.1. T. 11.2.1.1. T. 11.2.1.1. (footnotes) T. 11.2.1.1.	
	Major Occupancy Classification:				
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	Building Size:	Small	Medium	Large	>Large
	Hazard Index:				
Renovation Type	Basic Renovation			11.3.3.1.	
	Extensive Renovation			11.3.3.2.	
Reduction in Performance Level	Structural:	No	Yes	11.4.2.1.	
	By Increase in Occupancy Load:	No	Yes	11.4.2.2.	
	By Change in Major Occupancy:	No	Yes	11.4.2.3.	
	Plumbing:	No	Yes	11.4.2.4.	
	Sewage-System:	No	Yes	11.4.2.5.	
	Extension of Combustible Construction:	No	Yes	11.4.2.6.	

Compensating Construction	Structural:	No	Yes	11.4.3.2.
	By Increase in Occupancy Load:	No	Yes	11.4.3.3.
	By Change in Major Occupancy:	No	Yes	11.4.3.4.
	Plumbing:	No	Yes	11.4.3.5.
	Sewage-System:	No	Yes	11.4.3.6.
	Extension of Combustible Construction:	No	Yes	11.4.3.7.
Compliance Alternatives Proposed:	No	Yes		11.5.1.
Notes:				
Confirmation of Designer Completing Matrix:				
Name:		Signature:		