



Ontario Building Code Data Matrix for New Buildings

**OBC
Reference**

Project Description				Part 3 Part 9	
Major Occupancies					
Superimposed Major Occupancies	No	Yes			
Building Area	Proposed	m ²			
Gross Area (excludes basements)	1 st Floor	m ²			
	2 nd Floor	m ²			
	<u>3rd Floor</u>	<u>m²</u>			
	Total	m ²			
Basement Area	Proposed	m ²			
Mezzanine(s) Area	Open Mezzanine(s)		Enclosed Mezzanine(s)		
	Yes	No	Yes	No	
	Proposed	m ²	Proposed	m ²	
	Area of <u>room</u> in which the mezz is located:	m ²	Area of <u>suite</u> in which the mezz is located:	m ²	
Agg. mezz % of room:	%	Agg mezz % of suite:	%		
Number of Storeys	Above Grade				
	Below Grade				
Height of Building	m ² (finished grade to floor level of top storey)				
Number of Streets/Access Routes					
	1 Street	2 Streets	3 Streets		

Importance Category	Low	Normal	High	Post-disaster		
Building Classification	Group	Division	3.2.2.	or Part 9		
	Group	Division	3.2.2.	or Part 9		
Construction Types	<p>OBC Requirement (per applicable 3.2.2.):</p> <p style="padding-left: 40px;">Combustible permitted</p> <p style="padding-left: 40px;">Non-combustible required</p> <p style="padding-left: 40px;">Encapsulated Mass Timber</p> <p>Actual:</p> <p style="padding-left: 40px;">Combustible</p> <p style="padding-left: 40px;">Non-combustible</p> <p style="padding-left: 40px;">Heavy Timber in accordance with 3.2.2.16.</p> <p style="padding-left: 40px;">Combination of combustible and non-combustible</p> <p style="padding-left: 40px;">Encapsulated Mass Timber</p>					
Sprinkler System	<p style="padding-left: 40px;">Required</p> <p style="padding-left: 120px;">Not Required</p> <p>Proposed:</p> <p style="padding-left: 40px;">Entire building</p> <p style="padding-left: 40px;">Selected compartments</p> <p style="padding-left: 40px;">Selected floor areas</p> <p style="padding-left: 40px;">Basement only</p> <p style="padding-left: 40px;">In lieu of roof rating</p> <p style="padding-left: 40px;">None</p> <p>NFPA</p> <p style="padding-left: 120px;">Edition:</p> <p>Notes:</p>					

Standpipe	<p style="text-align: center;">Required Not Required</p> <p>Proposed:</p> <p style="padding-left: 40px;">Entire building</p> <p style="padding-left: 40px;">Selected floor areas</p> <p style="padding-left: 40px;">Basement only</p> <p style="padding-left: 40px;">None</p> <p style="padding-left: 40px;">NFPA 14 Edition:</p> <p>Notes:</p>																
Fire Alarm	<p style="text-align: center;">Required Not Required</p> <p>Proposed:</p> <p style="padding-left: 40px;">Single Stage Two-Stage</p> <p style="padding-left: 40px;">None Other</p> <p>Notes:</p>																
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		
<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																
Water Service / Supply is Adequate	<p style="text-align: center;">No Yes</p>																
High Building (3.2.6.)	<p style="text-align: center;">No Yes</p>																

Occupant Load	<p>Proposed Total: _____ persons</p> <p>Based on:</p> <p>Table 3.1.17.1. - _____ m²/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>Yes _____ No _____</p> <p>If no, explain:</p>	
Concealed space (floor or ceiling) used as a plenum	<p>Yes _____ No _____</p>	
Hazardous Substances	<p>Yes _____ No _____</p> <p>If yes, explain:</p>	

Spatial Separations

Applicable Tables: _____ and _____

Wall	Area of EBF (m ²)	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				%	%				

Confirmation of Designer Completing Matrix:

Name:

Signature: