



CITY OF WELLAND

Infrastructure and Development Services NO. _____
 Building Division
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ALTERNATIVE SOLUTION/OBJECTIVE BASED CODE DESIGN

Required for Submission of a Proposed Alternative Solution/Objective Based Code Design		Submitted	
		YES	NO
1	A description of the proposed <i>alternative solution</i> [Div. A, 1.2.1.1.(1)(b)]	<input type="checkbox"/>	<input type="checkbox"/>
2	Proponent(s) name, company, address, contact information	<input type="checkbox"/>	<input type="checkbox"/>
3	Designer's qualification appear on Schedule 1, or Architect or P. Eng.	<input type="checkbox"/>	<input type="checkbox"/>
4	Code Analysis (documentation under Div. C, Article 2.1.1.1.) Establish on the basis of past performance, tests described in Div. C Article 2.1.1.2., or other evaluation that the proposed <i>alternative solution</i> will achieve the level of performance required under Div. B, by way of Div. A, Article 1.2.1.1.		
A	Identification of applicable Division B provisions (acceptable solutions)	<input type="checkbox"/>	<input type="checkbox"/>
B	Identification of applicable linked pairs of <i>objectives</i> and <i>functional</i> statements	<input type="checkbox"/>	<input type="checkbox"/>
C	An evaluation of the level of performance of applicable Division B provisions	<input type="checkbox"/>	<input type="checkbox"/>
D	An evaluation of the level of performance of the proposed <i>alternative solution</i>	<input type="checkbox"/>	<input type="checkbox"/>
E	Identification of any assumptions, limiting or restricting factors	<input type="checkbox"/>	<input type="checkbox"/>
F	Identification of testing procedures, engineering studies, building performance parameters etc. to support the assessment of compliance	<input type="checkbox"/>	<input type="checkbox"/>
5	Information concerning any special maintenance or operation requirements, including commissioning, necessary for the integrity of the <i>alternative solution</i> after construction is complete	<input type="checkbox"/>	<input type="checkbox"/>
Optional Items That Would Be Helpful In The Review			
6	A list of submitted documents: These could include a concept report, calculations, fire modelling, test reports, precedents, fire scenario evaluation, alternate Codes and standards, drawings, etc.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
7	A reason for the proposed alternative solution	<input type="checkbox"/>	<input type="checkbox"/>
8	A list of applicable sections of referenced documents (standards)	<input type="checkbox"/>	<input type="checkbox"/>
9	Resume of designer with details of qualifications	<input type="checkbox"/>	<input type="checkbox"/>
10	A list of other projects where a similar Alternative Solution or Building Code Commission proposal, etc. was accepted.	<input type="checkbox"/>	<input type="checkbox"/>
11	Other: (specify)	<input type="checkbox"/>	<input type="checkbox"/>

WORKSHEET FOR THE EVALUATION OF ALTERNATIVE SOLUTIONS

Project Location:				
Project Information and Contacts:				
Owner/Designer/Agent:				
Summary of Proposal: Provide brief description below to summarize proposal which is attached in more detail as required in Item 4.				
Applicable Division B Provisions:				
Numeric Reference	Summary of Provision			
Objectives/Functional Statements/"Areas of Performance"				
Sentence	F.S.	Obj.	Summary of "Areas of Performance"	N/A?

“AREAS OF PERFORMANCE” WORKSHEET

Applicable Provisions	FS	OBJ	Functional Statement		LINK	Objective	
			To <function>	What/from		People/building	Not <harmed> due to OR can <action>
					<i>so that</i>		
					<i>so that</i>		
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FOR OFFICE USE ONLY

Confirmation of Level of Performance of:

<p align="center">Division B Provisions</p> <p>What is the level of performance of Division B in the “areas of performance” defined by the applicable <i>objectives</i> and <i>functional statements</i>?</p>	<p align="center">Proposed Alternative Solution</p> <ul style="list-style-type: none"> • What is the level of performance of the proposed <i>alternative solution</i> that is established by the applicant? • Does the supporting documentation adequately support this level of performance? • Do you agree with the established level of performance?

Evaluation:

Conditions of Approval, if any

Circulation of Accepted Alternative Solution				
Proponent		Province		Other (specify)
Chief Building Official		Central Registry		
Inspector		File		
Fire Department		Owner		
Accepted by:		BCIN:		Date:

APPLYING THE 2006 BUILDING CODE COMPENDIUM (*OBC)

