



### Application for Alternative Solution Evaluation

Alternative Solution Title:

Owner Project ID:

#### A. PROJECT INFORMATION

Permit No. (Internal):

BUILDING INFO	Building Address / Location	Legal Description
	Building / Project Name	
	Additional Reports / Documentation / Drawings to support Alternative Solution (include draft version and date):	

OWNER / OWNER'S AGENT	Contact Name		Company Name	
	Address	City	Province	Postal Code
	Phone No.	Fax No.	Email	

DESIGN PROFESSIONAL	Contact Name		Company Name	
	Address	City	Province	Postal Code
	Phone No.	Fax No.	Email	

#### B. SUBMISSION REQUIREMENTS – See Division C, 2.3.1.1.; National Building Code of Canada, 2015.

Ensure ALL of the required information listed in this table has been submitted.	Submitted	Received (Office Use)	Date (Office Use)
1. DESCRIPTION of the proposed Alternative Solution.	<input type="checkbox"/>	<input type="checkbox"/>	
2. QUALIFICATIONS of the Design Professional responsible for the design.	<input type="checkbox"/>	<input type="checkbox"/>	
3. DETAILED BUILDING CODE ANALYSIS, including:	<input type="checkbox"/>	<input type="checkbox"/>	
a. Identification of applicable Division B provisions.	<input type="checkbox"/>	<input type="checkbox"/>	
b. Identification of applicable Objective and Functional Statements.	<input type="checkbox"/>	<input type="checkbox"/>	
c. An evaluation of the performance level of applicable Division B provisions.	<input type="checkbox"/>	<input type="checkbox"/>	
d. An evaluation of the performance level of the proposed Alternative Solution.	<input type="checkbox"/>	<input type="checkbox"/>	
e. Identification of any assumptions, limiting, and restricting factors.	<input type="checkbox"/>	<input type="checkbox"/>	
f. Identification of testing procedures, engineering studies, building performance parameters, etc. to support the assessment for compliance.	<input type="checkbox"/>	<input type="checkbox"/>	
4. DOCUMENTATION of operational or maintenance requirements necessary after the building is constructed.	<input type="checkbox"/>	<input type="checkbox"/>	
5. OTHER SUPPORTING DOCUMENTATION	<input type="checkbox"/>	<input type="checkbox"/>	

#### C. DECLARATION AND SIGNATURES

By signing this form, the owner (or owner's agent) acknowledges that:

- The owner has knowledge of, and is in agreement with, this request for evaluation of an alternative solution, including the supporting documentation submitted with the request,
- The alternative solution being requested is intended to provide an alternative to the prescriptive requirements of the National Building Code of Canada and / or the standards and regulations thereunder as set out in the *Uniform Building and Accessibility Standards Act*, and
- It is the responsibility of the owner to provide and maintain safety in accordance with the alternative solution.

I certify that I have read and agree to the conditions set out in this application, including the Appendix, and that all information contained with this application is correct.

Signature of Owner / Owner's Agent

Name of Owner / Owner's Agent (Print)

Date

# Alternative Solution Evaluation – Explanatory Appendix

This section is intended to provide assistance in the completion of this application form, and further explain the requirements set out, as well as the owner's responsibilities.

## Section A – PROJECT INFORMATION

In addition to the basic information regarding the project's location in regards to the civic or legal address, and information regarding the building owner, the information regarding the Design Professional is also required. Alternative Solutions are only accepted from architects or engineers licensed to practice in the Province of Saskatchewan. An owner, owner's consultant, or contractor may apply for an alternative solution, however, the required documentation must be prepared by an architect or engineer, and the information being provided must include the designer's professional seal. Where the design of the building and its systems and components includes proposed Alternative Solutions that involve more than one design professional responsible for different components of the design, the applicant for the permit shall identify a single person to co-ordinate the preparation of the design, Code analysis and documentation referred to herein as per Sentence 2.3.1.1.(6), Division C of the *National Building Code of Canada, 2015*.

## Section B – SUBMISSION REQUIREMENTS

This section is intended to provide the applicant and design team with information regarding the minimum amount of supporting information required with the Application. BuildTECH reserves the right to request additional information during review to support any proposed alternative solution.

1. **Description of the proposed Alternative Solution:** Documentation shall be provided to demonstrate that the proposed Alternative Solution complies with the NBC as stated in Division C, Article 2.3.1.1.
2. **Qualifications of the Design Professional:** The *Uniform Building and Accessibility Standards Regulations* require an architect or engineer licensed to practice in the Province of Saskatchewan for the development of an Alternative Solution.
3. **Detailed Building Code Analysis:** This code analysis must outline the analytical methods and rationales used to determine that a proposed Alternative Solution will achieve at least the level of performance required by Clause 1.2.1.1(1)(b) of Division A. All information in the Code Analysis shall be in sufficient detail to convey the design intent and to support the validity, accuracy, relevance and precision of the Code Analysis as per Division C, Sentence 2.3.1.1(5). The detailed Code Analysis shall include the following:
  - a. **Identification of applicable Division B provisions:** Provide all applicable Division B, "Acceptable Solution" requirements that would typically apply, and that the proposed Alternative Solution is attempting to satisfy by an alternative method.
  - b. **Identification of applicable Objective and Functional Statements:** Identify the objectives and functional statements associated with these Building Code requirements.
  - c. **An evaluation of the performance level of applicable Division B provisions:** Address the performance level that the NBC is attempting to achieve with the referenced requirements in Division B, "Acceptable Solutions".
  - d. **An evaluation of the performance level of the proposed Alternative Solution:** Evaluate how the proposed Alternative Solution will meet the performance level expected for the referenced Division B requirements.
  - e. **Identification of any assumptions, limiting, or restricting factors:** Identify the assumptions, limiting, or restricting factors involved in the evaluation of the proposed Alternative Solution.
  - f. **Identification of testing procedures, engineering studies, building performance parameters, etc. to support the assessment for compliance:** Provide all other pertinent information to support the application.
4. **Documentation of operational or maintenance requirements necessary after the building is constructed:** Provide details for all the specialized building or system maintenance, or special operational requirements that have been identified in order to achieve the performance levels that the Alternative Solution has been designed to achieve. This includes any building component commissioning requirements. The building must be maintained in compliance with the codes under which it was built, which includes Alternative Solutions used.
5. **Other supporting documentation:** This includes other information or items that may be helpful in the review of the proposed alternative solution, including:
  - A list of submitted documents.
  - A reason for the proposed Alternative Solution.
  - A list of the applicable sections of referenced standards.

## Section C – DECLARATION AND SIGNATURES

Take notice that, if the alternative solution is permitted:

- Failure to comply with the specifications of the Alternative Solution is an offence under the *Uniform Building and Accessibility Standards Act*;
- Terms of the Alternative Solution shall not be subject to review or appeal pursuant to *UBASA*;
- A decision to refuse approval of an alternative solution is not subject to review or an appeal pursuant to *UBASA*;
- The granting of an Alternative Solution is case specific and is of no binding effect in respect to subsequent applications.