

Request for the Evaluation of an Alternative Solution (2015 National Building Code of Canada) Information and Drawing Requirements

SECTION A - BASIC PROJECT INFORMATION

CLASS OF WORK (Please Indicate Type)	NEW <input type="checkbox"/>	ALTERATION <input type="checkbox"/>	ADDITION <input type="checkbox"/>	RELOCATION <input type="checkbox"/>	FILE # (49North Use)
	REPAIR <input type="checkbox"/>	DEMOLITION <input type="checkbox"/>	REMOVAL <input type="checkbox"/>	OTHER <input type="checkbox"/>	

PROJECT INFORMATION	Civic Address <u>AND</u> Legal Land Location of Project Location		
	Work Description	Existing Use	Proposed Use
	Municipality (City / Town / R.M.)		

OWNER	Contact Name		Company Name (If Applicable)		
	Address		City / Town / R.M.	Province	Postal Code
	Phone Number (with Area Code)		Fax Number (with Area Code)		Email Address (Required)

DESIGN PROFESSIONAL	Contact Name		Company Name (If Applicable)		
	Address		City / Town / R.M.	Province	Postal Code
	Phone Number (with Area Code)		Fax Number (with Area Code)		Email Address (Required)

SECTION B - SUBMISSION REQUIREMENTS FOR ALTERNATIVE SOLUTION

APPLICATION REQUIREMENTS	SUBMITTED (Yes / No or N/A)	RECEIVED 49North (Yes / No)
3 COMPLETE SETS OF PLANS REQUIRED FOR ALL APPLICATIONS		
DESCRIPTION of the Proposed Alternative Solution		
QUALIFICATIONS of the Architect or Professional Engineer responsible for the design		
DETAILED BUILDING CODE ANALYSIS which includes:		
1 Identification of applicable Division B provisions.		
2 Identification of applicable objectives and functional statements		
3 An evaluation of the performance level of applicable Division B provisions		
4 An evaluation of the performance level of the proposed Alternative Solution		
5 Identification of any assumptions, limiting or restricting factors		
6 Identification of testing procedures, engineering studies, building performance parameters, etc. to support the assessment for compliance		
DOCUMENTATION of operational or maintenance requirements necessary after the building is constructed		
OTHER SUPPORTING DOCUMENTATION (see Section D for examples)		
COMMITMENT LETTER FOR FIELD REVIEW (see Section D – required upon request)		

Request for the Evaluation of an Alternative Solution (2015 National Building Code of Canada)
Information and Drawing Requirements

SECTION C - DECLARATION AND SIGNATURES

BY SIGNING THIS FORM, THE OWNER OR THE OWNER'S AGENT EXPRESSLY 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;
- That the alternative solution being requested is intended to provide an alternative to the strict provisions of the requirements of the National Building Code 2015, and/or the standards and regulations there under; and
- That it is the responsibility of the owner to provide and maintain safety in accordance with the alternative solution.

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 (UBASA);
- Terms of the alternative solution shall not be subject to review or appeal pursuant to UBASA;
- The granting of an alternative solution is case specific and is of no binding effect in respect of subsequent applications.

FURTHER TAKE NOTICE THAT a decision to refuse approval of an alternative solution is not subject to review or an appeal pursuant to UBASA.

I certify that I have read and agree to abide by the conditions above, and that all information contained within this application is correct.

NAME OF OWNER / OWNER'S AUTHORIZED AGENT (PRINT)

SIGNATURE OF OWNER / OWNER'S AUTHORIZED AGENT

DATE SIGNED

SECTION D - GENERAL INFORMATION

This section is intended to provide assistance in the completion of this application form. Please read this information thoroughly when completing this application.

SECTION A – PROJECT INFORMATION

This section is intended to provide general information on the specific project being applied for. The information in this section is required in order for a request for evaluation of an alternative solution to be reviewed by the Building Official.

- **WORK DESCRIPTION** – Provide a brief description of the scope of work, including the type of building to be constructed or altered.
- **DESIGN PROFESSIONAL** – Alternative solutions are only accepted from Architects or Professional Engineers licensed to practice in the province of Saskatchewan. All submitted Alternative solutions shall be signed and sealed by either an Architect or Professional Engineer licensed to practice in the province of Saskatchewan. An owner or contractor may apply for an alternative solution; however, the required documentation must be prepared by an Architect or Professional Engineer. Where the design of a building includes proposed alternative solutions that involve more than one person taking responsibility for different aspects of the design, the applicant for the permit shall identify a single person to co-ordinate the

Request for the Evaluation of an Alternative Solution (2015 National Building Code of Canada) Information and Drawing Requirements

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 (NBC) 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 Request for the Evaluation of an Alternative Solution. The Building Official reserves the right to request further information during review in support of any proposed alternative solution.

- **DESCRIPTION OF THE PROPOSED ALTERNATIVE SOLUTION:** Documentation must be provided to demonstrate that the proposed alternative solution complies with the NBC as stated in Division C, Article 2.3.1.1.
- **QUALIFICATIONS OF THE ARCHITECT OR ENGINEER RESPONSIBLE FOR THE DESIGN:** The Uniform Building and Accessibility Standards Regulations require an Architect or Professional Engineer licensed to practice in the province of Saskatchewan in the development of an alternative solution.
- **DETAILED BUILDING CODE ANALYSIS:** This code analysis is much more detailed than that contained in the Building Code Analysis Sheet. It 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 Sentence 2.3.1.1(5) of Division C. The detailed Code Analysis must include the following:
 - **IDENTIFICATION OF APPLICABLE DIVISION B PROVISIONS:** Reference the requirements in Division B of the NBC that would typically apply, and that the proposed alternative solution is attempting to satisfy by an alternate method.
 - **IDENTIFICATION OF APPLICABLE OBJECTIVES AND FUNCTIONAL STATEMENTS:** Identify the objectives and functional statements associated with these Building Code requirements.
 - **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.
 - **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 requirements.
 - **IDENTIFICATION OF ANY ASSUMPTIONS, LIMITING OR RESTRICTING FACTORS:** Identify the assumptions, limiting or restricting factors involved in the evaluation of the proposed alternative solution.
 - **IDENTIFICATION OF TESTING PROCEDURES, ENGINEERING STUDIES, BUILDING PERFORMANCE PARAMETERS, ETC. TO SUPPORT THE ASSESSMENT FOR COMPLIANCE**
- **DOCUMENTATION OF OPERATIONAL OR MAINTENANCE REQUIREMENTS NECESSARY AFTER THE BUILDING IS CONSTRUCTED:** Information concerning any special maintenance or operational requirements, including any building component commissioning requirements, that are necessary for the alternative solution to achieve compliance with the Code after the building is constructed must be provided (Division C, Clause 2.3.1.1(2)(b)). The building must be maintained in compliance with the codes under which it was built, which includes any alternative solutions used.
- **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 applicable sections of referenced standards
 - **COMMITMENT LETTER FOR FIELD REVIEW:** A commitment letter for field review may be requested at the discretion of the Building Official for the alternative solution to ensure that the construction complies with the design professional's design.