STANDATA Variance 19-BCV-024

Building

Schedules of professional involvement

Date Issued: April 2022

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Purpose

This variance recognizes the attached schedules of professional involvement as an alternative solution to the requirements in Articles 2.4.3.1, 2.4.3.2. and 2.4.4.1. of Division C of the National Building Code – 2019 Alberta Edition (NBC(AE)).

Discussion

The schedules of professional involvement were first introduced in the 1997 Edition of the Alberta Building Code (ABC 1997) at the request of the Alberta Association of Architects (AAA) and the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Only minor revisions have been made to the schedules of professional involvement since their introduction 1997.

The requirements for the schedules of professional involvement are contained in Articles 2.4.3.1., 2.4.3.2. and 2.4.4.1. of Division C of the NBC(AE) and the schedules of professional involvement are provided in Appendix B of the NBC(AE).

AAA and APEGA reviewed the schedules of professional involvement in the NBC(AE) and provided Municipal Affairs with revised schedules of professional involvement for use in the Alberta safety codes system. The revised schedules of professional involvement contain major changes to the content, including a different process from what is required by Section 2.4. of Division C of the NBC(AE). AAA and APEGA also created a helpful user guide on the schedules of professional involvement that can be found on their respective association websites.

Unless stated otherwise, all Code references in this variance are to the National Building Code – 2019 Alberta Edition.

Issued by the Provincial Building Administrator

[Original Signed]
Paul Chang

alberta.ca/building-codes-and-standards.aspx



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Code References

Division C. Article 2.4.3.1. states:

2.4.3.1. Owner

1) Before beginning construction, the *owner* shall

- a) retain a coordinating registered professional to coordinate all design work and field reviews of the registered professionals required for the project in order to ascertain that
 - i) the design will comply with this Code and other regulations made pursuant to the Safety Codes Act, and
 - ii) the construction of the *project* will substantially comply with this Code and other regulations made pursuant to the Safety Codes Act,

(see Note A-2.4.3.1.(1)(a)),

- b) retain *registered professionals of record* to complete design *work* and *field review* required for the *project*, and
- c) provide the *authority having jurisdiction* with letters in the forms set out in Schedules A-1, A-2, B-1 and B-2 (see Note A-2.4.3.1.(1)(c)).

Division C, Article 2.4.3.2. states:

2.4.3.2. Authority Having Jurisdiction

1) Before issuing an *occupancy permit* or giving permission to occupy, the *authority having jurisdiction* shall receive assurance in the form set out in Schedule C-1 from the *coordinating registered professional* that the *building* or portion of the *building* to be occupied substantially complies with the requirements of this Code. (See Note A-2.4.3.2.(1).)

Division C, Article 2.4.4.1. states:

2.4.4.1. Registered Professional

- 1) The coordinating registered professional for the project shall ensure that
 - a) the design requirements are coordinated and comply with the requirements of this Code,
 - b) any corrective actions taken as a result of a *field review* are recorded and available to the *authority having jurisdiction* upon their request, and
 - c) the *authority having jurisdiction* is provided with a letter in the form set out in Schedule C-1 stating that the *project* for which *registered professionals* were retained substantially complies with this Code.
- 2) A registered professional of record shall
 - a) sign and seal the drawings required in support of the building permit application,
 - b) ensure that drawings comply with the requirements of this Code,
 - c) ensure that field reviews that are necessary to comply with Clause (b) are completed, and
 - d) provide a letter to the *coordinating registered professional* in the form set out in Schedule C-2 stating that components of the *project* for which the *registered professional* is responsible are constructed so as to substantially comply with
 - i) the plans and supporting documents, and
 - ii) the requirements of this Code.

Application

This variance applies to all projects where the schedules of professional involvement are required by Articles 2.4.3.1., 2.4.3.2. and 2.4.4.1. of Division C of the NBC(AE).



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Variance

This variance provides approximately equivalent or greater safety performance with respect to persons and property as that provided for by the *Safety Codes Act* and the NBC(AE).

The attached schedules of professional involvement provide approximately equivalent or greater safety as the requirements in Articles 2.4.3.1., 2.4.3.2. and 2.4.4.1. of Division C of the NBC(AE).

See Appendix A.

This VARIANCE is applicable throughout the Province of Alberta.



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Appendix A

Schedules of Professional Involvement

Schedule A	 	 6 pag	jes
Schedule B		3 pag	jes
Schedule C-1		2 pag	jes
Schedule C-2		3 pag	jes
Schedule C-3		3 pag	ıes



Project Reference (for Coordinating Registered Professional)

National Building Code – 2019 Alberta Edition Schedule A

CONFIRMATION OF COMMITMENT BY OWNER AND COORDINATING REGISTERED PROFESSIONAL

Notes:

- (i) Italicized words contained in this schedule have the same meanings as defined in the National Building Code 2019 Alberta Edition (NBC(AE)).
- (ii) This schedule shall be submitted by the owner to the authority having jurisdiction before issuance of a building permit.
- (iii) If this schedule is signed by the owner's agent, a letter of appointment shall be attached to this schedule. If the *owner* is a corporation, the letter of appointment shall be signed by the owner's designated representative and the owner's designated representative shall set forth their position in the corporation.
- (iv) This schedule is endorsed by the Alberta Association of Architects (AAA) and the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Both associations have a user guide available on their website that provides information on the use of this schedule.

To: The authority having jurisdiction
Name of Authority Having Jurisdiction (Print)
Re:
Name of <i>Project</i> (Print)
Address of <i>Project</i> (Print)
Legal Survey Description of <i>Project</i> (Print)
The undersigned owner has retained
Name of Registered Professional
of
Name of AAA/APEGA Permit Holder (if applicable)

as a coordinating registered professional to coordinate the design and field reviews of the registered professionals of record required for this project. The undersigned owner has confirmed the coordinating registered professional has the

Project Reference (for Coordinating Registered Professional)

National Building Code – 2019 Alberta Edition Schedule A

relevant experience for the *project* and has confirmed the *coordinating registered professional* and the AAA/APEGA Permit Holder they are employed by (if applicable) are registered with AAA/APEGA.

The undersigned owner shall identify the constructor to the authority having jurisdiction as soon as possible.

Name of Constructor (if known)	
Constructor's Contact Information:	

The undersigned owner shall

- Ensure the relationship between the *coordinating registered professional* and the *constructor* is clear with regard to meeting the Safety Codes Act (SCA) related requirements of the *project*.
- Notify the authority having jurisdiction should the coordinating registered professional cease to be retained as the coordinating registered professional at any time during the project. Notification shall be given before the date the coordinating registered professional ceases to be retained; or if that is not possible, then as soon as possible.
- Cease work on the portion of the project for which the coordinating registered professional was responsible should the coordinating registered professional cease to be retained as the coordinating registered professional for the project, until such time as
 - o a new coordinating registered professional is retained, and
 - o a new schedule in the form set out in Schedule A is filed with the authority having jurisdiction.
- Notify the <u>authority having jurisdiction</u> should a <u>registered professional of record</u> cease to be retained as a <u>registered professional of record</u> at any time during the <u>project</u>. Notification shall be given before the date the <u>registered professional of record</u> ceases to be retained; or if that is not possible, then as soon as possible.
- Cease work on the portion of the project for which the registered professional of record was responsible should a
 registered professional of record cease to be retained as a registered professional of record for the project, until
 such time as
 - o a new registered professional of record is retained, and
 - o a new schedule in the form set out in Schedule B is filed with the authority having jurisdiction.

The undersigned coordinating registered professional shall

- Identify the *project* scope and the details of the *project*.
- Determine if professional involvement is required by the NBC(AE), SCA, Architects Act, Engineering and
 Geoscience Professions Act and authority having jurisdiction. A building code analysis to support the coordinating
 registered professional's determination of professional involvement shall be attached to this schedule or included
 with the plans, specifications and other documents submitted in support of the building permit application.

Project Reference (for Coordinating Registered Professional)

National Building Code – 2019 Alberta Edition Schedule A

- Document the registered professionals of record and the AAA/APEGA Permit Holder each registered professional
 of record is employed by (if applicable) that will perform the following engineering work and/or architectural work
 as applicable
 - Architectural/Licensed Interior Design
 - Structural
 - o Mechanical
 - Electrical
 - o Geotechnical.
- Identify all authorized entities involved in the project
 - o Authority Having Jurisdiction
 - Owner, Owner's Designated Representative and the Owner's Agent (if applicable)
 - o AAA/APEGA Permit Holders
 - Coordinating Registered Professional
 - Registered Professionals of Record.

The list of authorized entities shall be attached to this schedule or included with the plans, specifications and other documents submitted in support of the *building permit* application.

- Confirm, through documentation, that all *registered professionals of record* and AAA/APEGA Permit Holders involved in the *project* are competent to perform their responsibilities and are registered with AAA/APEGA.
- Document changes to the authorized entities involved in the project and to the scope of the project.
- Coordinate the design done by the *registered professionals of record* to ensure that the design will substantially comply with the NBC(AE) and the SCA.
- Obtain Schedule C-2 from each *registered professional of record* with supporting Schedules C-3 (if applicable) attached to ensure that *field reviews* have been completed and the final design of the *project* (including approved changes) substantially complies with the NBC(AE) and SCA.
- Ensure authenticated documents submitted to the *coordinating registered professional* are authenticated by a *registered professional* in accordance with the enactments that govern their professions.
- Notify the owner and authority having jurisdiction should the coordinating registered professional cease to be
 retained as the coordinating registered professional at any time during the project. Notification shall be given
 before the date the coordinating registered professional ceases to be retained; or if that is not possible, then as
 soon as possible.
- Notify the owner and authority having jurisdiction should a registered professional of record cease to be retained as a registered professional of record at any time during the project. Notification shall be given before the date the registered professional of record ceases to be retained; or if that is not possible, then as soon as possible.

All information required above shall be fully transparent and readily available to all authorized entities involved in the *project*.

The undersigned AAA/APEGA Permit Holder understands that should the undersigned *coordinating registered professional* cease to be retained as the *coordinating registered professional* at any time during the *project* that the AAA/APEGA Permit Holder shall notify the *owner* and *authority having jurisdiction* of the date the *coordinating registered professional* will cease to be retained. Notification shall be given before the date the *coordinating registered professional* ceases to be retained; or if that is not possible, then as soon as possible.

Project Reference (for Coordinating Registered Professional)

National Building Code – 2019 Alberta Edition Schedule A

The undersigned *owner* and *coordinating registered professional* confirm they have read and understand Part 1 of Division A and Part 2 of Division C of the NBC(AE).

The undersigned *coordinating registered professional* gives assurance of competence in the necessary fields of expertise to undertake the *project* and that they are a *registered professional* as defined in the NBC(AE).



Project Reference (for Coordinating Registered Professional)

National Building Code – 2019 Alberta Edition Schedule A

AAA/APEGA Permit Holder (if applicable)

AAA/APEGA Permit Holder's Phone Number	
AAA/APEGA Permit Holder's e-mail (Print) Coordinating Registered Professional	AAA/AREGA Permit Holder's Validation
Coordinating Registered Professional's Legal Name (Print)	
Coordinating Registered Professional's Address (Print)	
Coordinating Registered Professional's Phone Number	
Coordinating Registered Professional's e-mail (Print)	Coordinating Registered Professional's Authentication

Project Reference (for Coordinating Registered Professional)

National Building Code – 2019 Alberta Edition Schedule A

Owner	
Owner's Legal Name (Print)	
Owner's Designated Representative's or Agent's Legal Name (Print)	
Owner's Address (Print)	
Owner's Phone Number	Owner's, Owner's Designated Representative's or Agent's Signature
Owner's e-mail (Print)	Date

Project Reference / Components (for Registered Professional of Record)

National Building Code – 2019 Alberta Edition Schedule B

ASSURANCE OF PROFESSIONAL DESIGN INVOLVEMENT AND COMMITMENT FOR FIELD REVIEWS BY THE REGISTERED PROFESSIONAL OF RECORD

Notes:

- (i) Italicized words contained in this schedule have the same meanings as defined in the National Building Code 2019 Alberta Edition (NBC(AE)).
- (ii) This schedule shall be submitted by each *registered professional of record* to the *coordinating registered professional* before the application for a *building permit* is submitted.
- (iii) This schedule is endorsed by the Alberta Association of Architects (AAA) and the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Both associations have a user guide available on their website that provides information on the use of this schedule.

To: the coordinating registered professional Name of Coordinating Registered Professional (Print) Re: Name of *Project* (Print) Address or Legal Survey Description of *Project* (Print) The undersigned registered professional of record hereby gives assurance that The design of the (Instructions: Mark only the component(s) listed below that the undersigned registered professional of record is responsible for) Architectural/Licensed Interior Design Structural Mechanical Electrical Geotechnical components of the project described on the plans, specifications and other documents, prepared by the undersigned registered professional of record in support of the application for a building permit, substantially

They shall confirm, through documentation, that *registered professionals* and the AAA/APEGA Permit Holder each *registered professional* is employed by (if applicable) that have been delegated design and *field reviews* are

complies with the NBC(AE) and the Safety Codes Act (SCA).

competent to perform their responsibilities.

Project Reference / Components (for Registered Professional of Record)

National Building Code – 2019 Alberta Edition Schedule B

- They shall conduct or coordinate field reviews during construction of the above referenced components to verify
 the final design of the components (including approved changes) substantially complies with the NBC(AE) and
 SCA.
- They shall notify the *coordinating registered professional* should they cease to be retained as a *registered professional of record* at any time during the *project*. Notification shall be given before the date the *registered professional of record* ceases to be retained; or if that is not possible, then as soon as possible.
- They are competent in the necessary fields of expertise to undertake the project and they are a registered professional as defined in the NBC(AE).

The design and *field reviews* delegated to other *registered professionals* are described in the plans, specifications and other supporting documents prepared by the undersigned *registered professional of record* and the following Schedules C-3 shall be provided after substantial completion of the *project*. The undersigned *registered professional of record* will review or coordinate the review of all applicable shop drawings.

Schedules C-3 required:	

The *constructor* is responsible under the SCA to ensure that the *work* complies with the plans, specifications and supporting documents.

The undersigned AAA/APEGA Permit Holder understands that should the undersigned *registered professional of record* cease to be retained as a *registered professional of record* at any time during the *project* that the AAA/APEGA Permit Holder shall notify the *coordinating registered professional* of the date the *registered professional of record* will cease to be retained. Notification shall be given before the date the *registered professional of record* ceases to be retained; or if that is not possible, then as soon as possible.

Project Reference / Components (for Registered Professional of Record)

National Building Code – 2019 Alberta Edition Schedule B

AAA/APEGA Permit Holder (if applicable)

AAA/APEGA Permit Holder's Phone Number	
AAA/AFEGA Femili noidel s Fhohe Number	
AAA/APEGA Permit Holder's e-mail (Print) Registered Professional of Record	AAA/AREGA Permit Holder's Validation
Registered Professional of Record's Legal Name (Print)	
Registered Professional of Record's Address (Print)	
Registered Professional of Record's Phone Number	
Registered Professional of Record's e-mail (Print)	Registered Professional of Record's Authentication

Project Reference (for Coordinating Registered Professional)

National Building Code – 2019 Alberta Edition Schedule C-1

ASSURANCE OF COMPLIANCE BY THE COORDINATING REGISTERED PROFESSIONAL

Notes:

- (i) Italicized words contained in this schedule have the same meanings as defined in the National Building Code 2019 Alberta Edition (NBC(AE)).
- (ii) This schedule shall be submitted by the *coordinating* registered professional to the authority having jurisdiction after substantial completion of the *project* and before permission to occupy is given by the authority having jurisdiction.
- (iii) This schedule is endorsed by the Alberta Association of Architects (AAA) and the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Both associations have a user guide available on their website that provides information on the use of this schedule.

To. The authority having jurisdiction
Name of Authority Having Jurisdiction (Print)
Re:
Name of <i>Project</i> (Print)
Address or Legal Survey Description of <i>Project</i> (Print)

The undersigned coordinating registered professional hereby gives assurance that

- They have fulfilled their obligations for coordinating the *field reviews* as outlined in Sentence 2.4.4.1.(1) of Division C of the NBC(AE) and as agreed to in the previously submitted Schedule A.
- If requested by the *authority having jurisdiction*, they will make available all documents supporting all approved changes to the plans, specifications and other documents on which the *building permit* was issued for this *project*.
- The final design of the project (including approved changes) substantially complies with the NBC(AE) and Safety Codes Act.
- They are a registered professional as defined in the NBC(AE).

Attached are Schedules C-2 from all the registered professionals of record that have signed a Schedule B.

Attached are Schedules C-3 from *registered professionals* that have been delegated responsibility for design and *field reviews* as described on Schedules B.

Project Reference (for Coordinating Registered Professional)

National Building Code – 2019 Alberta Edition Schedule C-1

AAA/APEGA Permit Holder (if applicable)

AAA/APEGA Permit Holder's Phone Number	
AAA/APEGA Permit Holder's e-mail (Print) Coordinating Registered Professional	AAA/AREGA Permit Holder's Validation
Coordinating Registered Professional's Legal Name (Print)	
Coordinating Registered Professional's Address (Print)	
Coordinating Registered Professional's Phone Number	
Coordinating Registered Professional's e-mail (Print)	Coordinating Registered Professional's Authentication

To: the coordinating registered professional

Project Reference / Components (for Registered Professional of Record)

National Building Code – 2019 Alberta Edition Schedule C-2

ASSURANCE OF FIELD REVIEWS AND COMPLIANCE BY THE REGISTERED PROFESSIONAL OF RECORD

Notes:

- (i) Italicized words contained in this schedule have the same meanings as defined in the National Building Code 2019 Alberta Edition (NBC(AE)).
- (ii) This schedule shall be submitted by each registered professional of record to the coordinating registered professional after substantial completion of the project and before permission to occupy is given by the authority having jurisdiction.
- (iii) This schedule is endorsed by the Alberta Association of Architects (AAA) and the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Both associations have a user guide available on their website that provides information on the use of this schedule.

Name of Coordin	nating Registered Professional (Print)
Re:	
Name of <i>Project</i>	(Print)
The undersigned They have NBC(AE) They have changes in issued for the final	registered professional of record hereby gives assurance that the fulfilled their obligations for field reviews as outlined in Sentence 2.4.4.1.(2) of Division C of the and as agreed to in the previously submitted Schedule B. The made available to the coordinating registered professional, all documents supporting all approved to the plans, specifications and other documents prepared by them on which the building permit was this project. I design of the lans, and other documents below that the undersigned registered professional of record is the for)
- - -	Architectural/Licensed Interior Design Structural Mechanical Electrical Geotechnical

Project Reference / Components (for Registered Professional of Record)

National Building Code – 2019 Alberta Edition Schedule C-2

components of the *project* described on the plans, specifications and other documents on which the *building permit* was issued (including approved changes) for this project substantially complies with requirements of the NBC(AE) and the SCA.

• They are a registered professional as defined in the NBC(AE).

Attached are the following Schedules C-3 from *registered professionals* that have been delegated responsibility for design and *field reviews* as described on Schedule B.

Schedules C-3 attached:	

Project Reference / Components (for Registered Professional of Record)

National Building Code – 2019 Alberta Edition Schedule C-2

Schedule C-2

AAA/APEGA Permit Holder (if applicable)

AAA/APEGA Permit Holder's Phone Number	
AAA/APEGA Permit Holder's e-mail (Print)	AAA/APEGA Permit Holder's Validation
Registered Professional of Record	
Registered Professional of Record's Legal Name (Print)	
Registered Professional of Record's Address (Print)	
Registered Professional Record's Phone Number	
Registered Professional of Record's e-mail (Print)	Registered Professional of Record's Authentication

To: the registered professional(s) of record

Project Reference / Components (for Registered Professional of Record)

National Building Code – 2019 Alberta Edition Schedule C-3

ASSURANCE OF DELEGATED DESIGN COMPLIANCE AND FIELD REVIEWS BY THE DELEGATED PROFESSIONAL

Notes:

- (i) Italicized words contained in this schedule have the same meanings as defined in the National Building Code 2019 Alberta Edition (NBC(AE)).
- (ii) This schedule shall be submitted by each registered professional, that has been delegated responsibility for design and field reviews of specific building components, to the registered professional(s) of record after substantial completion of the applicable project work and before permission to occupy is given by the authority having jurisdiction.
- (iii) This schedule is endorsed by the Alberta Association of Architects (AAA) and the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Both associations have a user guide available on their website that provides information on the use of this schedule.

Name of Registered Professional(s) of Record (Print)
Re:
Name of <i>Project</i> (Print)
Address or Legal Survey Description of Project (Print)
The undersigned registered professional hereby gives assurance that
The submitted design of the
Enter specific components here:

components of the *project* described on the plans, specifications and other documents prepared by them substantially complies with the NBC(AE) and the Safety Codes Act (SCA).

- They have made available to the *registered professional(s)* of *record* submittals showing the intended design of the components identified above for review prior to construction.
- They have fulfilled their obligations for *field reviews*.

National Building Code – 2019 Alberta Edition Schedule C-3

- They have made available to the *registered professional(s)* of *record*, all documents supporting all approved changes made during construction.
- The final design of the components described above (including approved changes) substantially complies with the NBC(AE) and SCA.
- They are a registered professional as defined in the NBC(AE).



Project Reference / Components (for Registered Professional of Record)

National Building Code – 2019 Alberta Edition Schedule C-3

AAA/APEGA Permit Holder (if applicable)

AAA/APEGA Permit Holder's Phone Number	
AAA/APEGA Permit Holder's e-mail (Print)	AAA/AREGA Permit Holder's Validation
Registered Professional	
Registered Professional's Legal Name (Print)	
Registered Professional's Address (Print)	
Registered Professional's Phone Number	
Registered Professional's e-mail (Print)	Registered Professional's Authentication