



**ENGINEERS &
GEOSCIENTISTS**
BRITISH COLUMBIA

**IN THE MATTER OF THE *PROFESSIONAL GOVERNANCE ACT*
S.B.C. 2018, CHAPTER 47**

and

**IN THE MATTER OF PETER KIDDIE, P.ENG., STRUCT.ENG.
ENGINEERS AND GEOSCIENTISTS BC FILE NO. T22-082(A)**

CONSENT ORDER

Background

1. On February 29, 2024, pursuant to section 66(1) of the *Professional Governance Act*, S.B.C. 2018, c. 47 (the “PGA”), the appointed Investigators of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, doing business as Engineers and Geoscientists BC, issued an investigation report (the “Report”) regarding Peter Alan Kiddie. The Report was provided to the Investigation Committee pursuant to section 9.7.6(1) of the *Bylaws* of Engineers and Geoscientists BC.
2. The Report concerned Mr. Kiddie’s engineering services for a five-storey apartment building in Duncan, BC (the “Building”). Mr. Kiddie was the original structural Engineer of Record and was responsible for the design of the Building.
3. On February 29, 2024, the Investigation Committee appointed a Resolution Subcommittee to attempt to resolve this matter by means of a Consent Order.
4. The Investigation Committee and Mr. Kiddie wish to resolve this matter by consent pursuant to section 73(2) of the *PGA* to avoid the need for a disciplinary hearing.
5. Mr. Kiddie consents to the disposition set out below.

Legislation

6. On February 5, 2021, the *Engineers and Geoscientists Act*, R.S.B.C. 1996, c. 116 (the “*EGA*”) was repealed and replaced by the *PGA*.
7. The conduct of Mr. Kiddie took place at a time when the *EGA* was in force. As a result, the conduct in question is considered pursuant to sections 30(9)(b) and 30(9)(c) of the *EGA*, and the *Bylaws* and *Code of Ethics* under the *EGA*.
8. Pursuant to sections 35(2) and 36(1)(c) of the *Interpretation Act*, R.S.B.C. 1996, c. 238, investigations commenced under the *EGA* carry on procedurally under the *PGA*.

Admissions

9. Mr. Kiddie admits that he demonstrated unprofessional conduct in relation to the engineering services he provided for the structural design of the Building, which was not designed in accordance with the requirements set out in the 2012 British Columbia Building Code (“BCBC 2012”) and CSA A23.3-14 Standard for the Design of Concrete Structures. In particular, Mr. Kiddie admits that he:
 - a. failed to adequately design the suspended slab, including failing to:
 - i. ensure that the punching shear capacity was adequate, including that the slab was sufficiently thick, the headed studs in the slab were an adequate length, and the shear reinforcement met the BCBC 2012 shear stress limits;
 - ii. ensure the slab reinforcement for flexure capacity was adequate to resist required loads and meet the requirements of the BCBC 2012;
 - iii. ensure the concrete pad footings were adequately sized;
 - iv. indicate the structural integrity reinforcement details in the design; and
 - v. provide adequate reinforcement in the column strips.
 - b. failed to include details in the structural design such as:
 - i. the summation of the design load for the ground floor;
 - ii. the order of placement of the reinforcing bars in the suspended slab; and
 - iii. adequate reinforcement in the bottom mat of the suspended slab.
 - c. failed to adequately design the wood frame components in the structural design including:

- i. ensure adequate shear walls;
 - ii. adequately detail the shear walls, including hold downs; and
 - iii. prepare a stud wall schedule that was consistent with the actual vertical loads applied to the walls rather than a stud wall schedule that resulted in walls that had far more capacity than required and others with inadequate capacity.
- d. failed to undertake an adequate design process, including adequately distribute the reinforcement necessary for a flat plate, accounting for the load of the Building;
- e. failed to complete adequate calculations and analysis to support the structural design for the Building;
- f. signed and sealed documents confirming the structural design for the Building substantially complied with the BCBC 2012 in circumstances where the design did not comply;
- g. failed to ensure a check of the structural design was conducted, or in the alternative, documented; and
- h. failed to ensure an independent review of the structural design was completed prior to the construction of the Building, or in the alternative, documented.
10. The conduct set out above at paragraph 9 is contrary to Principle 1 of the Engineers and Geoscientists BC Code of Ethics, as it stood at the time, which required that all members and licensees shall hold paramount the safety, health and welfare of the public, the protection of the environment and promote health and safety within the workplace.
11. The conduct set out above at paragraph 9 is contrary to Principle 2 of the Engineers and Geoscientists BC Code of Ethics, as it stood at the time, which required that all members and licensees shall undertake and accept responsibility for professional assignments only when qualified by training or experience.
12. The conduct set out above at paragraph 9(g) and (h) is contrary to section 14(b) of the Engineers and Geoscientists BC Bylaws, as it stood at the time, which required that members and licensees shall establish and maintain documented quality management processes for their practices, including documented field reviews by, or under the direct supervision of, members or licensees, of their domestic projects during implementation or construction.

Disposition

13. By consent, this Consent Order is made pursuant to section 73 of the *PGA*.

- 14. Mr. Kiddie’s registration in Engineers and Geoscientists BC is cancelled effective February 3, 2025. Mr. Kiddie agrees not to re-apply for registration with Engineers and Geoscientists BC at any time in the future.
- 15. Mr. Kiddie will pay \$5,000 to Engineers and Geoscientists BC contemporaneous with the execution of this Consent Order as a contribution towards the legal and investigative costs incurred in this matter.

Consequences of the Consent Order

- 16. The full text of this Consent Order will be published on the website of Engineers and Geoscientists BC, and a summary will be published in print and electronic publications, including in public communications.
- 17. This Consent Order has the same force and effect as an Order made under section 75 of the *PGA*.
- 18. Mr. Kiddie agrees that Engineers and Geoscientists BC has recommended that he receive independent legal advice regarding the Consent Order and that Engineers and Geoscientists BC has given him the opportunity to obtain independent legal advice
- 19. Mr. Kiddie and Engineers and Geoscientists BC agree that this Consent Order may be executed in counterparts and delivered as an electronic document.

This Consent Order is approved and accepted by Mr. Kiddie and the Investigation Committee this 30 day of January 2025.

<original signed by>

 Peter Alan Kiddie, P.Eng., Struct.Eng.

Caroline Kiddie

 Name of Witness

<original signed by>

 Signature of Witness

The Investigation Committee of the Association
 of Professional Engineers and Geoscientists
 of the Province of British Columbia

<original signed by>

 Per: Peter Helland, P.Eng.
 Chair, Investigation Committee