

SCHEDULE B-2

Summary of Design and Field Review Requirements

See Subsection 2.4.3. of Division C of the National Building Code – 2019 Alberta Edition

Submitted by: _____ Date: _____

(Initial applicable responsibilities and cross out and initial non-applicable items within the list of Code activities)

ARCHITECTURAL _____ initial to indicate overall responsibility

- 1.1 Development *permit* requirements and conditions.....
- 1.2 Requirements to prevent fire spread and collapse;
building height, building area, building classification, street access.....
- 1.3 Spatial separation requirement;
limiting distance, unprotected openings, construction characteristics.....
- 1.4 Exterior walls and roofs, including exterior glazing;
dampproofing/waterproofing of walls or slabs below *grade*, wall cladding.....
- 1.5 Determining the need for fire detection, alarm notification and suppression; including emergency
power and lighting.....
- 1.6 Provision for firefighting.....
- 1.7 Requirements pertaining to *interconnected floor spaces* and high *buildings*.....
- 1.8 Safety within *floor areas*; including interim wall *partitions* and finishes, *access to exits, guards* and
handrails, sound control, specific requirements related to function.....
- 1.9 Egress systems, *occupant loads*, stairs and *exits*.....
- 1.10 *Barrier-free* requirements.....
- 1.11 Vertical transportation.....
- 1.12 Service facilities; horizontal and vertical *service spaces*.....
- 1.13 Health requirements; including functional design, i.e. washrooms, food preparation areas, *swimming
pools*.....
- 1.14 Structural capacity of architectural components; including anchorage and seismic
restraint.....
- 1.15 Site development and landscaping.....
- 1.16 Review of all applicable shop drawings.....
- 1.17 Energy efficiency, building envelope; NECB 2017 or NBC(AE) 2019 Division B Section 9.36.
requirements.....

STRUCTURAL _____ initial to indicate overall responsibility

- 2.1 Structural capacity of structural components of *buildings*; including anchorage and seismic
restraint.....
- 2.2 Structural aspects of *deep foundations*.....
- 2.3 Qualification of welded steel fabricators and erectors.....
- 2.4. Review of all applicable shop drawings.....

Schedule B-2 - Continued

MECHANICAL	_____ initial to indicate overall responsibility
3.1	HVAC systems; including fire stopping of service penetrations and placement of <i>fire dampers</i>
3.2	<i>Plumbing systems</i> ; including potable water system, roof and storm drainage system, <i>sanitary drainage system</i>
3.3	Fire protection systems; including automatic sprinkler and other fire suppression systems; standpipe and hose systems, evaluation of necessary water supply demand.....
3.4	<i>Swimming pool</i> mechanical systems; including pool circulation and disinfection systems, ventilation in pool areas and chlorine rooms.....
3.5	Medical gas piping systems.....
3.6	Smoke control systems in high-rise and <i>care, treatment or detention occupancy</i> applications.....
3.7	Review of all applicable shop drawings.....
3.8	Energy efficiency, mechanical systems; NECB 2017 or NBC(AE) 2019 Division B Section 9.36. requirements.....
3.9	Energy efficiency, <i>plumbing systems</i> ; NECB 2017 or NBC(AE) 2019 Division B Section 9.36. requirements.....
ELECTRICAL	_____ initial to indicate overall responsibility
4.1	Electrical transformers vaults, switching devices and motors, including anchorage and seismic restraints.....
4.2	Electrical system and devices; including fire stopping of penetrations through <i>fire separation</i>
4.3	Fire alarms; including voice communication system.....
4.4	Mechanical interface with controls and alarms.....
4.5	Emergency power and lighting systems.....
4.6	Fire protection of wiring for emergency systems.....
4.7	Review of all applicable shop drawings.....
4.8	Energy efficiency, electrical systems (Lighting, Electrical Power Systems and Motors); NECB 2017 requirements.....
GEOTECHNICAL	_____ initial to indicate overall responsibility
5.1	<i>Excavation</i>
5.2	Shoring and underpinning.....
5.3	Geotechnical aspects of <i>deep foundations</i>
5.4	Control of ground and subsurface water.....
5.5	Structural considerations of <i>soil</i> ; including slope stability and seismic loading.....
5.6	Backfill and compaction of <i>fill</i>

- Note:
1. Schedule B-2 must be attached to Schedule B-1
 2. In this letter the words in italics are defined in the National Building Code – 2019 Alberta Edition.
 3. The *constructor* is responsible for safety to the public and workers at the *project* site.