

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 *fire dampers*.....
- 3.2 *Plumbing systems*; including potable water system, roof and storm drainage system, *sanitary drainage system*.....
- 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 *Swimming pool* 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 *care, treatment or detention occupancy* 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, *plumbing systems*; 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 *fire separation*.....
- 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 *Excavation*.....
- 5.2 Shoring and underpinning.....
- 5.3 Geotechnical aspects of *deep foundations*.....
- 5.4 Control of ground and subsurface water.....
- 5.5 Structural considerations of *soil*; including slope stability and seismic loading.....
- 5.6 Backfill and compaction of *fill*.....

- 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.