

SCHEDULE B-2

Summary of Design and Field Review Requirements

See Subsection 2.4.3. of Division C of the Alberta Building Code

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 2011 or ABC 2014 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

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| 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> application..... |
| 3.7 | Review of all applicable shop drawings..... |
| 3.8 | Energy Efficiency, Mechanical Systems; NECB 2011 or ABC 2014 Division B Section 9.36 requirements..... |
| 3.9 | Energy Efficiency, Plumbing Systems; NECB 2011 or ABC 2014 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 penetration 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, Electric Power & Motors); NECB 2011 requirements..... |
| GEOTECHNICAL | |
| 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 B-1.
2. In this letter the words in italics are defined in the Alberta Building Code.
3. The constructor is responsible for safety to the public and workers at the project site.