Provide a wall section to include footing and drainage detail, type of foundation, waterproofing etc. **1300.0130 Subpart 1 Submittal documents.**

Provide passive or active radon control location and details on plan for all floor levels **1303.2402 Requirements for passive radon control system. 1303.2403 Requirements for active radon control systems.**

Provide header sizes for windows, doors, blocking, and required jack studs. **1300.0130 Subpart 1 Submittal documents.**

Provide manufacturers information and design requirements on all engineered specific construction systems including Insulated Concrete Forms, I-Joists, Floor and Roof Trusses etc... **1300.0130 Subpart 1 Submittal documents.**

Provide insulation R-values to include ceiling/attic, walls, rim joists, etc. **1322.0103 ENERGY CODE CONSTRUCTION DOCUMENTS.**

See Prescriptive Residential Energy Code Requirements document attached

Provide type and size of window well to include height below grade and width and length. **R310.2 Window wells.** The minimum horizontal area of the window well shall be 9 square feet (0.9 m²), with a minimum horizontal projection and width of 36 inches (914 mm). The area of the window well shall allow the emergency escape and rescue opening to be fully opened.

**R310.2.1 Ladder and steps.** Window well with a vertical depths greater than 44 inches shall be equipped with a permanently affixed ladder or steps usable with the window in the fully open position. Ladders or steps required by this section shall not be required to comply with section R311.5 and R311.6. Ladders or rungs shall have and R311.6. Ladders or rungs shall have an inside width of at least 12 inches (305 mm), shall project at least 3 inches (76 mm) from the wall and shall be spaced not more than 18 inches (457 mm) on centre vertically for the full height of the window well.

Provide Stair rise and run detail. **R311.7.5 Stairs treads and risers.** Stair treads and risers shall meet the requirements of this section. For the purposes of this section all dimensions and dimensioned surfaces shall be exclusive or carpets, rugs or runners.

Provide detail for under-stair protection. **R302.7 Under-stair protection.** Enclosed
accessible space under stairs shall have walls, under-stair surface and any soffits protected on the enclosed side with \( \frac{1}{2} \)-inch (12.7 mm) gypsum board

Provide information on Hazardous Glazing Locations per R308 Glazing.

**R308.4 Hazardous locations.**
The locations specified in Sections R308.4.1 through R308.4.7 shall be considered specific hazardous locations for the purposes of glazing.

Provide Smoke and Carbon monoxide Alarm locations.

**R314.1 Smoke detection and notification.** All smoke alarms shall be listed and labeled in accordance with UL 217 and installed in accordance with the provisions of this code and the household fire warning equipment provisions of NFPA 72.

**Smoke detection**

**R315.1 Carbon monoxide alarms.** For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.

Provide Thermal and/or Ignition barrier on insulated concrete forms foam insulation inside basements.  

**R316.4 Thermal barrier.** Unless otherwise allowed in Section R316.5 or Section R316.6, foam plastic shall be separated from the interior of a building by an approved thermal barrier of minimum \( \frac{1}{2} \)-inch (12.7 mm) gypsum wallboard or a material that is tested in accordance with and meets the acceptance criteria of both the Temperature Transmission Fire Test and the Integrity Fire Test of NFPA 275.