1.0 **GENERAL**

1.1 **Steel Construction – Structural Requirements**

.1 Design building structures and their structural components for a 100 year service life.

.2 Structural design to conform to Part 4 of the BC Building Code.

.3 Increase live loads for specific occupancies as per the BC Building Code section 4.1.6 and more specifically Table 2.2.2 in the Technical Guidelines. [https://technicalguidelines.ubc.ca/technical/structural_design_snow_loads.html](https://technicalguidelines.ubc.ca/technical/structural_design_snow_loads.html)

.4 Design light roofs for a minimum net factored uplift of 1.0 kPa.

.5 Refer to the UBC Vancouver Campus Plan – Part 3 Design Guidelines, Section 2.6.5 for guidelines relating to the design and choice of materials for screens and fences in the landscape.

1.2 **Materials**

.1 Ensure that the contract documents require all structural steel to be shop primed except for the appropriate exclusions.

.2 Exterior ledger angles and related components are to be galvanized for corrosion protection.

.3 Where decking is specified, use only galvanized steel decking as suitable for the exposure of the decking (interior or exterior).

***END OF SECTION***