1.1  GENERAL

1.2  Steel Construction – Structural Requirements

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

.2 Structural design to conform to BC Building Code.

.3 Drawings to include a summary of the structural systems and to provide supplementary information as required.

.4 Sustainable design principles have been considered for the project. LEED requirements selected by SFU have been satisfied.

.5 Live loads for specific occupancies as per the BC Building Code.

.6 Ensure that the design and field review of non-structural components is covered in the contract documents (drawings and/or specifications).

.7 Ensure that the independent structural concept review has been completed. Concept reviewer to submit a sealed letter to SFU Facilities confirming completion of the review.

1.3  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).

.4 Finishes and cleaning of metals must be considered when selecting materials. SFU Facilities must be consulted during selection.

***END OF SECTION***