1.0 **GENERAL**

1.1 Access to roof is required for the purpose of *roof and parapet* maintenance and for servicing mechanical equipment where applicable.

1.2 **Coordination Requirements**

   .1 Worksafe BC OHS Regulations.

1.3 **Performance Requirements**

   .1 General

   .1 All roofs to be provided with access from interior of building, as follows:

   .1 Roofs with no rooftop equipment requiring maintenance may be accessed using an internal *ship’s ladder* and roof hatch, size 3’0” x 2’-6”, insulated integral curb and flashing, *c/w* externally mounted safety grab handle, non-removable pin (NRP) hinges, and guards with a self-closing gate.

   .2 Roofs having rooftop equipment requiring occasional maintenance may be accessed using an internal *ship’s ladder* and roof hatch, size 2’ 6” x 4’ 6” or a *service stair and roof hatch* size 2’ 6” x 8’ 0”. *Hatch to have*, insulated integral curb, and flashing, externally mounted safety grab handle, non-removable pin (NRP) hinges, and guards with a self-closing gate.

   .3 Roofs having rooftop equipment requiring regular maintenance or to a penthouse are to be accessed via normal stairway extending to the roof.

   .4 *All guards around roof hatches are to be a permanent (side-mounted and bolted) OSHA and Worksafe compliant roof hatch guardrail system with a self-closing safety gate.* Roof hatch guardrail to be of anodized aluminum or galvanized steel.

1.4 **Prescriptive Requirements**

   .1 Safety Note

   .1 Where maintenance personnel would need to work close to parapets, as per TG section 07 00 10, 1,070 mm (3’ 6”) high insulated or thermally broken parapets or guardrails are to be provided. Alternatively, fall restraint and fall arrest systems are to be used only if the design cannot accommodate parapets or guardrails; (refer to Section 11 81 29 Facility Fall Protection).

***END OF SECTION***