

1 GENERAL

- 1.1 Use products of one manufacturer for material and equipment of same type or classification unless otherwise specified. Use new material and equipment unless otherwise required.
- 1.2 Within 7 days of written request by Owner, submit following information for materials and equipment proposed for supply:
 - 1.2.1 Name and address of manufacturer.
 - 1.2.2 Trade name, model and catalogue number.
 - 1.2.3 Performance, descriptive and test data.
 - 1.2.4 Manufacturers installation or application instructions.
- 1.3 Provide Canadian-made materials and products wherever possible.

2 Y2K COMPLIANCE

- 2.1 Building control systems, including elevators, heating ventilation and air conditioning systems, security systems, fire detection systems, and other operating systems may be affected by Y2K. Problems with computer systems, and services and products which are driven by software or 'microcode', may occur as a result of date-sensitive programming.
- 2.2 The Design Builder is responsible for providing a fully Y2K compliant building which will function accurately without interruptions and process date/time (including, but not limited to, calculating, comparing and sequencing) from, into and between the 20th and 21st Centuries and leap year calculations. Provide a written statement of warranty of compliancy from all manufacturers and consultants for all work affected by Y2K compliance.

3 MANUFACTURERS INSTRUCTIONS

- 3.1 Unless otherwise specified, comply with manufacturers latest printed instructions for materials and installation methods.

4 FASTENINGS - GENERAL

- 4.1 Provide metal fastenings and accessories in same texture, colour and finish as base metal in which they occur. Prevent electrolytic action between dissimilar metals. Use hot dipped galvanized, corrosion resistant metal filled polymer coating, or stainless steel fasteners, anchors and spacers for securing exterior work.
- 4.2 Space anchors within limits of load bearing or shear capacity and ensure that they provide positive permanent anchorage.
- 4.3 Conceal fasteners where possible. Space evenly and lay out neatly. Do not utilize

fastenings which cause spalling or cracking of material to which anchorage is made. Obtain Owners approval before using, explosive actuated fastening devices. If approval is obtained comply with CSA Z166-1975.

5 FASTENINGS - EQUIPMENT

- 5.1 Use fastenings of standard commercial sizes and patterns. Provide fasteners of material and finish suitable for service.
- 5.2 Use heavy hexagon heads, semi-finished unless otherwise specified. Use No. 304 stainless steel for exterior areas. Bolts may not project more than one diameter beyond nuts.
- 5.3 Use plain type washers on equipment. Use sheet metal and soft gasket lock type washers where vibrations occur. Use resilient washers with stainless steel.

6 DELIVERY AND STORAGE

- 6.1 Deliver, store and maintain packaged material and equipment with manufacturers seals and labels intact. Store material and equipment in accordance with suppliers instructions.
- 6.2 Prevent damage, adulteration and soiling of material and equipment during delivery, handling and storage. Immediately remove rejected material and equipment from site.
- 6.3 Touch-up damaged factory finished surfaces. Use primer or enamel to match original. Do not paint over name plates.

7 CONSTRUCTION EQUIPMENT AND PLANT

- 7.1 On request, prove to the satisfaction of Owner that the construction equipment and plant are adequate to manufacture, transport, place and finish work to quality and production rates specified. If inadequate, replace or provide additional equipment or plant as directed.
- 7.2 Maintain construction equipment and plant in good operating order.