

**Part 1           General**

**1.1           REFERENCES**

- .1 Canadian Standards Association (CSA)
  - .1 CSA B111-1974, Wire Nails, Spikes and Staples.
  - .2 CAN/CSA-G164-M92, Hot Dip Galvanizing of Irregularly Shaped Articles.
  - .3 CAN/CSA-O80 SERIES-97, Wood Preservation.
  - .4 CAN/CSA-O141-91, Softwood Lumber.
  - .5 CSA O151-M1978, Canadian Softwood Plywood.
  - .6 CAN3-O437 Series-93, Standards on OSB and Waferboard.
- .2 American Society for Testing and Materials (ASTM).
  - .1 ASTM C645-04 - Specifications for Non-Structural Steel Framing Members.
- .3 National Lumber Grades Authority (NLGA)
  - .1 Standard Grading Rules for Canadian Lumber 2010.

**1.2           QUALITY ASSURANCE**

- .1 Refer to Section 01 45 00 – Quality Control.

**Part 2           Products**

**2.1           LUMBER MATERIALS**

- .1 Framing Lumber: to CSA O141, softwood, S4S, S-dry moisture control 19% or less, grade stamped in accordance with NLGA and scheduled for use as follows:
  - .1 Dimension sizes: Stud or No. 2.
- .2 Furring, blocking, nailing strips, grounds, rough bucks, curbs, fascia backing and sleepers:
  - .1 Dimension sizes: Standard light framing or better grade.

**2.2           PANEL MATERIALS**

- .1 Canadian softwood plywood (CSP): to CSA O151, exterior grade, thickness as indicated, grade stamped in accordance with CANPLY and as follows:
  - .1 General use, gypsum wall backing, concrete curb forms and equipment mounting boards: Sheathing (SHG).

**2.3           ACCESSORIES**

- .1 Nails, spikes and staples: to CSA B111.

- .2 Anchors: Toggle bolt type for anchorage to hollow masonry, expansion shield and lag bolt type for anchorage to solid masonry or concrete, bolts or ballistic fasteners for anchorages to steel.
- .3 Fastener Finish: Hot dipped galvanized steel for exterior, high humidity and treated wood locations, plain finish elsewhere.

**Part 3 Execution**

**3.1 FRAMING**

- .1 Erect wood framing and blocking members level and plumb, unless indicated otherwise. Place horizontal members laid flat, crown side up. Construct members full length without splices.

**3.2 OPENINGS**

- .1 Frame and block openings for support of door and window frames, and other equipment, as indicated.

**3.3 BLOCKING, CURBS, AND CANTS**

- .1 Provide solid blocking in walls where required for support of wall mounted fixtures and assemblies.

**END OF SECTION**