

Part 1- General

1.1 RELATED
SECTIONS

.1 Section 07 92 00 - Joint Sealants.

1.2 REFERENCES

- .1 CAN/CSA-A82.27 Gypsum Board.
- .2 CSA B111 Wire Nails, spikes and Staples.
- .3 CAN/CSA-G164 Hot Dip Galvanizing of Irregularly Shaped Articles.
- .4 CSA O112.10-08(R2013)- Standards for Wood Adhesives.
- .5 CSA O121-08(R2013)- Douglas Fir Plywood.
- .6 CAN/CSA-O141-05(R2014) - Softwood Lumber.
- .7 CSA O151-09(R2014)- Canadian Softwood Plywood.
- .8 CSA O153-M13 - Popular Plywood.

1.3 QUALITY
ASSURANCE

- .1 Lumber identification: by grade stamp of an agency certified by Canadian Lumber Standards Accreditation Board.
- .2 Plywood identification: by grade mark in accordance with applicable CSA standards.

PART 2 - PRODUCTS

2.1 LUMBER MATERIAL

- .1 Lumber: unless specified otherwise, softwood, S4S, moisture content 19% or less in accordance with following standards:
 - .1 CAN/CSA-O141.
 - .2 NLGA Standard Grading Rules for Canadian Lumber.

- .2 Glued end-jointed (finger-jointed) lumber is not acceptable.
- .3 Framing and board lumber: in accordance with NBC.
- .4 Furring, blocking, nailing strips, grounds, rough bucks, cants, curbs, fascia backing and sleepers:
 - .1 Board sizes: "Standard" or better grade.
 - .2 Dimension sizes: "Standard" light framing or better grade.
 - .3 Post and timbers sizes: "Standard" or better grade.

2.2 PANEL MATERIALS

- .1 Douglas fir plywood (DFP): to CSA 0121 standard construction.
- .2 Canadian softwood plywood (CSP): to CSA 0151, standard construction.

2.3 ACCESSORIES

- .1 General purpose adhesive: PL375 by Loctite or an approved alternate.
- .2 Nails, spikes and staples: to CSA B111.
- .3 Bolts: 13mm diameter unless indicated otherwise, complete with nuts and washers.
- .4 Proprietary fasteners: toggle bolts, expansion shields and lag bolts, screws and lead or inorganic fibre plugs, explosive actuated fastening devices, recommended for purpose by manufacturer.
- .5 Vapour barrier: 6 mil polyethylene.

2.4 FINISHES

- .1 Galvanizing: to CAN/CSA-G164, use galvanized fasteners for exterior work.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Install members true to line, levels and elevations, square and plumb.
- .2 Construct continuous members from pieces of longest practical length.
- .3 Select exposed framing for appearance. Install panel materials so that grade-marks and other defacing marks are concealed or are removed by sanding where materials are left exposed.
- .4 Install 13mm plywood backer board at all electrical panels. Fire coat all sides.

3.2 ERECTION

- .1 Frame, anchor, fasten, tie and brace members to provide necessary strength and rigidity.
- .2 Countersink bolts where necessary to provide clearance for other work.
- .3 Use nailing disks for soft sheathing as recommended by sheathing manufacturer.

END OF SECTION