

PART 1 -
GENERAL

- 1.1 REFERENCES
- .1 Canadian Standards Association (CSA International)
 - .1 CSA B111-1974 (R2003), Wire Nails, Spikes and Staples.
 - .2 CAN/CSA-G164-M92(R2003), Hot Dip Galvanizing of Irregularly Shaped Articles.
 - .3 CSA O121-M1978(R2003), Douglas Fir Plywood.
 - .4 CSA O141-05, Softwood Lumber.
 - .5 CSA O151-04, Canadian Softwood Plywood.
 - .6 CAN/CSA-O325.0-92(R2003), Construction Sheathing.
 - .2 National Lumber Grades Authority (NLGA)
 - .1 Standard Grading Rules for Canadian Lumber [2005].
- 1.2 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.
 - .3 Plywood, OSB and wood based composite panel construction sheathing identification: by grademark in accordance with applicable CSA standards.
- 1.3 DELIVERY, STORAGE, AND HANDLING
- .1 Waste Management and Disposal:
 - .1 Separate waste materials for reuse and recycling in accordance with Section 01355 - Waste Management and Disposal.

PART 2 -
PRODUCTS

- 2.3 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 Furring, blocking, nailing strips, grounds, rough bucks, curbs, fascia backing and sleepers:
 - .1 S2S is acceptable for all uses.
 - .2 Board sizes: "Standard" or better grade.
 - .3 Dimension sizes: "Standard" light framing or better grade.
 - .4 Post and timbers sizes: "Standard" or better grade.
- 2.4
- .1 Douglas fir plywood: to CSA O121, standard construction.

- PANEL .2 Canadian softwood plywood (CSP): to CSA O151, standard construction.
MATERIALS .3 Exterior grade gypsum wallboard as specified.
.4 Plywood, OSB and wood based composite panels: to CAN/CSA-O325.

- 2.5 .1 Nails, spikes and staples: to CSA B111.

- ACCESSORIES .2 Bolts: 12.5 mm diameter unless indicated otherwise, complete with nuts and washers.
.3 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.

- 2.6 .1 Galvanizing: to CAN/CSA-G164, use galvanized fasteners for exterior
FINISHES work interior, highly humid areas, pressure- preservative treated lumber.

PART 3 - EXECUTION

- 3.8 .1 Treat surfaces of material with wood preservative, before installation.
PREPARATION .2 Apply preservative by dipping, or by brush to completely saturate and maintain wet film on surface for minimum 3 minute soak on lumber and one minute soak on plywood.
.3 Re-treat surfaces exposed by cutting, trimming or boring with liberal brush application of preservative before installation.
.4 Treat material as follows:
.1 Wood cants, fascia backing, curbs, nailers, sleepers on roof deck.
.2 Wood furring on outside surface of exterior masonry and concrete walls as required.

- 3.9 .1 Comply with requirements of NBC 2010, supplemented by the following
INSTALLATION paragraphs.
.2 Install furring and blocking as required to space-out and support casework, cabinets, wall and ceiling finishes, facings, fascia, soffit, siding and other work as required.
.3 Align and plumb faces of furring and blocking to tolerance of 1:600.
.4 Install rough bucks, nailers and linings to rough openings as required to provide backing for frames and other work.
.5 Install wood cants, fascia backing, nailers, curbs and other wood supports as required and secure using galvanized fasteners.
.6 Install wood backing, dressed, tapered and recessed slightly below top surface of roof insulation for roof hopper.
.7 Install sleepers as indicated.
.8 Use caution when working with particle board. Use dust collectors and high quality respirator masks.
.9 Install solid 19 mm plywood or 38 mm framing members as required to

rigidly support washroom accessories and related devices where manufacturers do not supply backplates for installation.

3.10

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.

END OF SECTION