

**PART - 1 GENERAL**

**1.1 SUMMARY**

.1 Section Includes:

.1 Labour, Products, equipment and services necessary to complete the work of this Section.

**1.2 QUALITY ASSURANCE**

.1 Lumber identification: By grade stamp of an agency certified by Canadian Lumber Standards Accreditation Board.

.2 Fire-rated treated lumber: to ULC S102

.3 Plywood identification: By grade mark in accordance with applicable CSA standards.

.4 Align and plumb faces of furring and blocking to tolerance of 1:600.

.5 Regulatory requirements: Provide finished wall assemblies flame spread rating of not more than 150 and finished ceiling assemblies flame spread of not more than 25.

**1.3 SUBMITTALS**

.1 Test reports: Duplicate copies of flame spread classification test reports by independent testing agency to requirements of ULC S102.

**PART - 2 PRODUCTS**

**2.1 MATERIAL**

.1 Lumber: Acceptable to authorities having jurisdiction and unless specified otherwise, softwood, S4S, moisture content 19% or less in accordance with CSA-O141 and NLGA Standard Grading Rules for Canadian Lumber.

.2 Furring, blocking, nailing strips, grounds, and rough bucks: S2S, Standard or better grade.

.3 Douglas fir plywood: CSA O121, standard construction.

.4 Canadian softwood plywood: CSA O151, standard construction.

.5 Poplar plywood: CSA 0153, standard construction.

.6 Interior mat-formed wood particleboard: ANSI/NPA-A208.1

.7 Hardboard: CAN/CGSB-11.3.

.8 Nails, spikes and staples: CSA B111.

.9 Bolts: 12.5 mm diameter unless indicated otherwise, complete with nuts and washers.

.10 Galvanizing: CSA G164, use galvanized fasteners for interior highly humid areas, pressure-preservative and fire-retardant treated work.

.11 Fire retardant treated wood: To ULC S102, flame spread, fuel contributed and smoke developed ratings of 25 or less, pressure treated.

.1 Lumber and plywood: FirePro FRTW by Osmose, or Dricon FRT by Arch Wood Products Inc., or other acceptable equivalents.

.2 Particleboard: Duraf Flake FR by Weyerhaeuser, or other acceptable equivalents.

**PART - 3 EXECUTION**

**3.1 INSTALLATION - GENERAL**

- .1 Install members true to line, levels and elevations.
- .2 Construct continuous members from pieces of longest practical length.
- .3 Install spanning members with "crown-edge" up.
- .4 Install materials so that grade-marks and other defacing marks are not visible or are removed by sanding.

**3.2 FURRING AND BLOCKING**

- .1 Install furring and blocking as required to space-out and support casework, cabinets, wall and ceiling finishes, facings, washroom accessories, equipment and other work as required.

**3.3 NAILING STRIPS, GROUNDS AND ROUGH BUCKS**

- .1 Install rough bucks, nailers and linings to rough openings as required to provide backing for frames and other work.

**3.4 FASTENERS**

- .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.

**3.5 ELECTRICAL, DATA AND TELEPHONE EQUIPMENT BACKBOARD**

- .1 Provide fire retardant treated backboards for mounting electrical equipment as indicated. Use 19 mm thick plywood on 38 mm x 89 mm furring around perimeter and at maximum 300 mm intermediate spacing.

END OF SECTION