PART 1 GENERAL

1.1 RELATED SECTIONS

.1 Section 07 55 50 PROTECTED MEMBRANE ROOFING

.2 Section 07 62 00 SHEET METAL FLASHING AND TRIM

1.2 REFERENCES

.1 CSA B111-1974(R1998) Wire Nails, Spikes and Staples.

.2 CAN/CSA-G164- M92 Hot Dip Galvanizing of Irregularly Shaped Articles.

.3 CSA O121- 08 Douglas Fir Plywood.

.4 CAN/CSA-O141- 05 Softwood Lumber.

.5 CSA O80 Series-97 (R2002), CSA Standards for Wood Preservation.

.6 National Lumber Grades Authority (NLGA) Standard Grading Rules for Lumber.

1.3 QUALITY ASSURANCE

.1 All lumber to be in accordance with NLGA Standard Grading Rules for Canadian Lumber and shall bear the grading stamp of an agency certified by Canadian Lumber Standards Accreditation Board.

.2 All lumber to be marked at mill and end-marked, delivered to site with certificates as to species, grades, stress grades, required by the Consultant to show compliance with specifications.

.3 All lumber to be properly air dried and seasoned and shall not exceed a maximum moisture content of 19% for exterior use and 12%

.4 All plywood types and grades to be in accordance with CSA and COFI requirements and shall bear the registered certification

.5 All preservative treated lumber shall be in accordance with CAN/CSA-080 requirements and shall bear the stamp of an approved

.6 Only qualified journeymen carpenterswho have a "Tradesman Qualification Certificate of Proficiency" from a recognized trade school with a minimum of three (3) years of local experience provided they work under the direct supervision of a qualified journeyman in accordance
with trade regulations.

1.4 DELIVERY AND STORAGE

.1 Arrange for materials delivery in accordance with construction

.2 Protect materials from weather during transit to the job site.

.3 Store materials on site in a manner that protects them from damage and exposure to moisture.

1.5 WASTE MANAGEMENT AND DISPOSAL

.1 Separate and recycle waste materials in accordance with Section 01 74 19 - Construction Waste Management and Disposal.

.2 Do not dispose of unused materials into landfill.

.3 Divert unused materials from landfill to recycling facility.

.4 Collect and separate for disposal packaging material for recycling in accordance with Construction Waste Management Plan.

PART 2 PRODUCTS

2.1 MATERIALS

.1 Lumber: As shown on Structural and/or Architectural drawings; unless specified otherwise, softwood, S4S, moisture content maximum 12% for interior 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, cants,
.1 Board sizes: "Standard" or better grade.
.2 Dimension sizes: "Standard" light framing or better grade.

2.2 ACCESSORIES

.1 Nails, spikes and staples: to CSA B111, galvanized or stainless the moisture barrier.

.2 Bolts, washers, driftpins, dowels, etc. to CSA B33.1, galvanized treated wood.

.3 General purpose adhesive: to CSA 0112 Series.

.4 Proprietary fasteners: toggle bolts, expansion shields and lag inorganic fibre plugs, recommended for purpose by manufacturer.

2.3 FINISHES

.1 Galvanizing: to CAN/CSA-G164, use stainless steel fasteners for preservative treated lumber.

2.4 WOOD PRESERVATIVE

.1 Pressure Impregnation Wood Preservative:

.1 Lumber: CAN/CSA - 080.20, non-arsenic, non-chromium pressure produced in accordance with ACQ Preserve standard ACQ-01-02 appropriate AWPA Standards.
.2 Plywood: CAN/CSA - 080.27.

.2 Wood in contact with concrete: Pressure retention rate minimum 4.0 - 6.4 kg/metre3 to
Material to bear Canadian Wood Preservers Bureau (CWPB) stamps.

.3 Use Hem-Fir incised lumber for treatment.

.4 Treat cut surfaces with two brush coats of copper napthanate preservative.

.5 Where work to follow may be adversely affected by staining or other problems.
use of preservatives, follow manufacturer's recommendations and apply a sealer or
aluminum paint to treated wood in preparation for other trades.

PART 3 EXECUTION

3.1 INSTALLATION

.1 Comply with requirements of British Columbia Building Code, following paragraphs.

.2 Install members true to line, levels and elevations, square and

.3 Construct continuous members from pieces of longest practical

.4 Install spanning members with 'crown edge' up.

.5 Select exposed framing for appearance. Install lumber and panel marks and other defacing marks are concealed or are removed by sanding where materials are left exposed.

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

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

.8 Frame, anchor, fasten, tie and brace members to provide necessary strength and rigidity.

.9 Countersink bolts where necessary to provide clearance for other work.

.10 Re-treat preservative treated surfaces exposed by cutting, brush application of preservative before installation.

3.2 CLEAN UP

.1 As work proceeds and at the completion of the work clean up and debris and left over materials resulting from the work of this section.

.2 Dispose of materials in conformance with Construction Waste Management Plan.

END OF SECTION