

Part 1 General

1.1 RELATED SECTIONS

- .1 Section 05 50 00 – Metal Fabrications.

1.2 REFERENCES

- .1 American Society for Testing and Materials International (ASTM)
 - .1 ASTM D1761, Standard Test Methods for Mechanical Fasteners in Wood.
- .2 Canadian Standards Association (CSA) / CSA International
 - .1 CAN/CSA 080-F08, Wood Preservation.
- .3 National Commission Lumber Grades (NLGA)
 - .1 Classification Rules for Canadian Lumber, 2008.

1.3 DOCUMENTS/SAMPLES TO SUBMIT

- .1 Submit documents and samples in accordance with Section 01 33 00 - Submittal Procedures.

1.4 QUALITY ASSURANCE

- .1 Marking wood engraving classification of a body recognized by the Council Accreditation of Canadian Standards Commission lumber.

1.5 DELIVERY, STORAGE AND HANDLING

- .1 Waste management and disposal
 - .1 Separate waste materials for reuse/reuse and recycling in accordance with Section 01 74 21 – Construction//Demolition Waste Management and Disposal.

Part 2 Products

2.1 MATERIALS

- .1 All wood species shall conform to the requirements of the 2012 entitled NLGA “Classification Rules for Canadian Lumber”. The quality of the wood will be No.1 or standard. In the standard quality, no decay will not be tolerated.
- .2 All wood used on each piece must have the seal of the AMBSQ. The Contractor shall provide to the Departmental Representative certificate quality, AMBSQ.
- .3 The wood used in the construction will be Douglas fir Coast or hemlock Pacific Coast of eastern hemlock, red pine and jack pine.
- .4 The Coast Douglas fir and hemlock Pacific Coast meet the requirements the British Columbia Lumber Manufacturers’ Association entitled “Standard Specifications for Construction Grade”.

- .5 All wood used is pressure treated in accordance with CAN/CSA SERIES 080-09. All bevels are cut before treatment.
- .6 The wood is cut square before treatment after NLGA standard 748-B.
- .7 In any case, spruce and balsam fir only be accepted when treated wood is specified.
- .8 Any material pressure treated requiring cutting to be adjusted will be coated, while it is dry, three (3) layers of condoms as required in the standard CAN/CSA 080-09 SERIES. All holes in pieces of wood will be treated in this manner.

2.2 PRODUCT TREATMENT OF WOOD

- .1 Preservative applied under pressure, according to CAN/CSA 080-08 SERIES. The wood is treated with chromated copper arsenate (CCA) with a retention rate minimum: ACC 24.0 kg/m³.
- .2 All materials pressure treated, requiring cutting to be adjusted, will be coated, while it is still dry, three (3) layers of preservative as required in the standard CAN/CSA-080-M. All holes in pieces of wood will be treated that way.

Part 3 Execution

3.1 PREPARATION

- .1 Store wood and derivatives.

3.2 WHEEL GUARD

- .1 Wheel guard with two (2) pieces of treated wood 254 x 254 mm will be built as indicated on the plan.
- .2 The wheel guard will be bolted to a galvanized steel plate PI 450 x 150 x 15.8 mm liable to the concrete wall with anchor bolts as indicated on the plan.
- .3 The wheel guard shall be liable to piles by mechanical galvanized steel bolts 19 mm diameter and right length, as indicated on the plan.
- .4 The wheel guard is bolted to a steel plate galvanized PI 455 x 150 x 15.8 mm welded two steel sections L 200 x 100 x 10 mm continuous galvanized steel.
- .5 Galvanized steel bolts of 19 mm will be used to attach the wheel guard on the steel pile. Provide steel shims to ensure enlignement right wheel guard.
- .6 All head bolts will be covered with a sealer Dymeric type or equivalent.

END OF SECTION