PART 1 - GENERAL

1.1 RELATED WORK

.1 Section 06 10 00: Rough Carpentry

1.2 DESCRIPTION OF WORK

.1 The work of this Section comprises the furnishing of all labour, materials and equipment necessary for the supply and installation of items of work specifically listed under Part 2 - PRODUCTS of this Section.

1.3 MEASUREMENT FOR PAYMENT

.1 Measurement of Payment for structural steel shall be as per Section 01 10 10.

.2 Measurement of Payment for ladders shall be as per Section 01 10 10.

.3 Measurement for Payment of all other items shall be as per Section 01 10 10.

PART 2 - PRODUCTS

2.1 MISCELLANEOUS METAL

.1 Steel sections and plates: to CAN/CSA G40.21, Grade 350W except where specified otherwise.

.2 Ladder rungs: to CSA C-40.21 round bars to size indicated.

.3 Welding materials: to CSA W59.

.4 Bolts and anchor bolts: to ASTM A307.

2.2 GALVANIZING

.1 Hot dip galvanize anchor bolts (into concrete) and holdfasts unless

otherwise specified, staples, cable clamps, pipe sleeves, spikes and nails to CAN/CSA-G164. All indicated steel materials shall be hot dipped galvanized (min. 610gr/m2) suitable for marine environment.

PART 3 - EXECUTION

3.1 LADDERS

.1 Install at locations indicated on drawings.

3.2 MISCELLANEOUS METALS

.1 Do miscellaneous steel work in accordance with CAN/CSA S16.1.

.2 Welding in accordance with CSA W59. Install miscellaneous site items as indicated on drawings.

3.3 FABRICATION GENERAL

.1 Fabricate steel, as indicated, in accordance with CAN/CSA-S16.1 and in accordance with reviewed shop drawings.

.2 Fabricate work square, true, straight and accurate to required size, with joints closely fitted and properly secured.

.3 Use welded connections for both interior and exterior metal work unless otherwise indicated or approved by Departmental Representative.

.4 Where possible, fit and shop assemble work, ready for erection.

.5 Ensure exposed welds are continuous for length of each joint. File or grind exposed welds smooth and flush.

.6 Grind and polish all exposed edges and corners to leave smooth surface free from burrs or other sharp protrusions.

.7 All holes shall be punched or drilled. Burning holes in any steel member is NOT permitted.

.8 Hot dip galvanize anchor bolts (into concrete) and holdfasts.

3.4 CONNECTION TO EXISTING WORK

.1 Verify dimensions, alignment, elevations and condition of existing work before commencing fabrication and report any discrepancies and potential problem areas to Departmental Representative and await instructions.

END OF SECTION