1. All workmanship and materials shall be in accordance with other specifications as outlined.

2. The Contractor shall submit a separate Signed Certificate confirming that all welding works have been performed and certified as complying with AS/NSZ 1554 by a qualified welding inspector approved by the Contractor to the Superintendent for approval prior to the steelwork being galvanized.

3. All steelwork shall be hot dip galvanized in accordance with AS/NSZ 6820 after fabrication, protective coating system and surface finish for structural elements as follows:
   1. VW/MS support post - hot dip galvanized to ISO 1461 specification in AS/NSZ 2321.
   2. VW/MS cantilever frame - hot dip galvanized to ISO 1461 specification in AS/NSZ 2321.
   3. Pulley hoist to be painted black, powder coat to last 10 years. Powder hoist surfaces as per AS 4587 prior to powder coat.

4. The steelwork fabrication contractor shall prepare and submit detailed fabrication drawings to the Engineer for approval prior to commencing work. Allow minimum 10 working days for engineer's approval.

5. Prior to commencing work, the steelwork fabrication contractor shall verify all design data information on site. The support post shall be located coincidently over the footing.

6. Unless noted otherwise on the drawings, the steel shall comply with the following:
   - H1 Hot rolled steel sections - Grade 350 to AS/NZS 3679.1
   - H2 Hot rolled steel plate - Grade 350 to AS/NZS 3678
   - H3 Square and rectangular hollow sections - Grade C350 to AS/NZS 1163
   - Circular hollow sections - Grade C350 to AS/NZS 1163

7. Carry out welding in accordance with AS1554 and as follows:
   - All welds to be complete penetration butt welds.
   - Welds to be shop welded U.O.D.
   - Welds to be category 2P.
   - Suitability tested as open on the drawings shall be complete penetration welds.
   - Welds to be classification: U.O.D.
   - Extent of weld inspection and testing to be as per AS 4587.

8. Bolts at splice connection shall be Grade 8.8/7F high strength structural bolts, nuts and washers to AS/NZS 1525.
   - Grade 8.8/7F
   - Grade 8.8/7F
   - Grade 8.8/7F
   - Grade 8.8/7F
   - Grade 8.8/7F

9. Bolt types and testing procedure are designated. Number of required bolts and spacing. Procedure to be as per AS 1525.

10. The bolt type and testing procedure is designated. Number of required bolts and spacing. Procedure to be as per AS 1525.

11. Ensure welds are completed before painting. Finish of painted surfaces to be as per AS 1525.

12. Steel members shall be made from wide flanges.

13. Prior to vent/door holes in accordance with AS1407 as required. Vent/door holes are to be detailed on the workshop drawings for approval by the Engineer. All vent/door holes are to be sealed with approved plastic plugs prior to delivery of the steelwork to site.