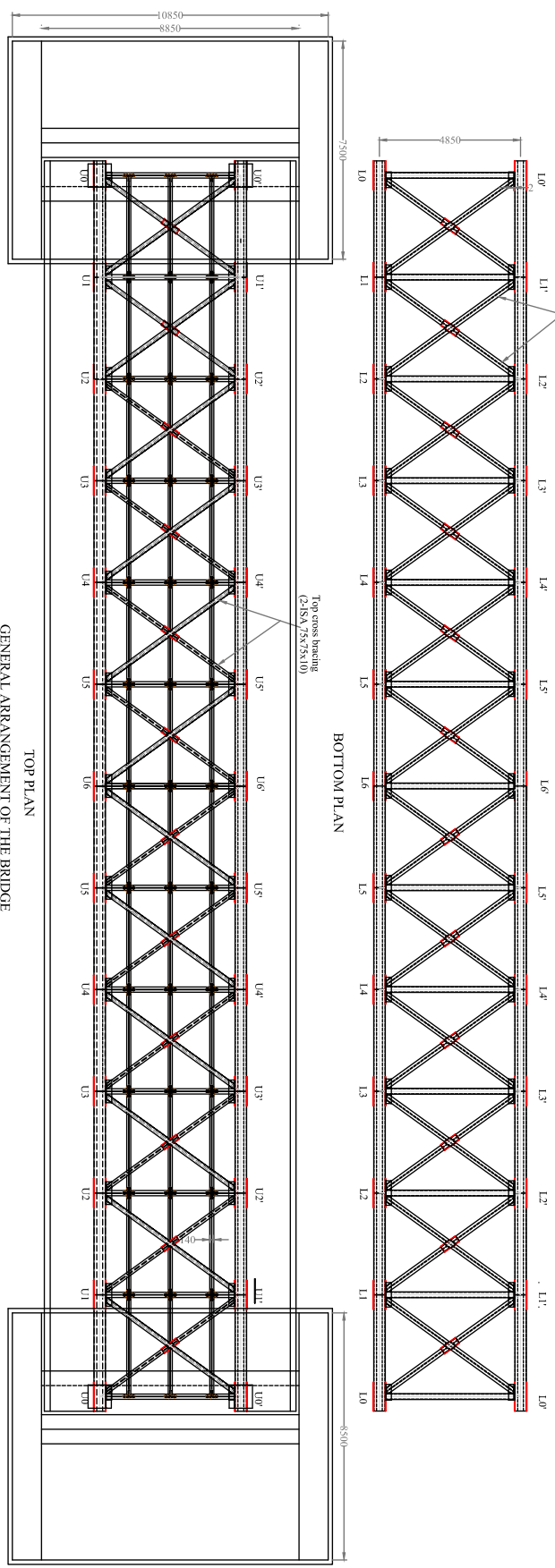
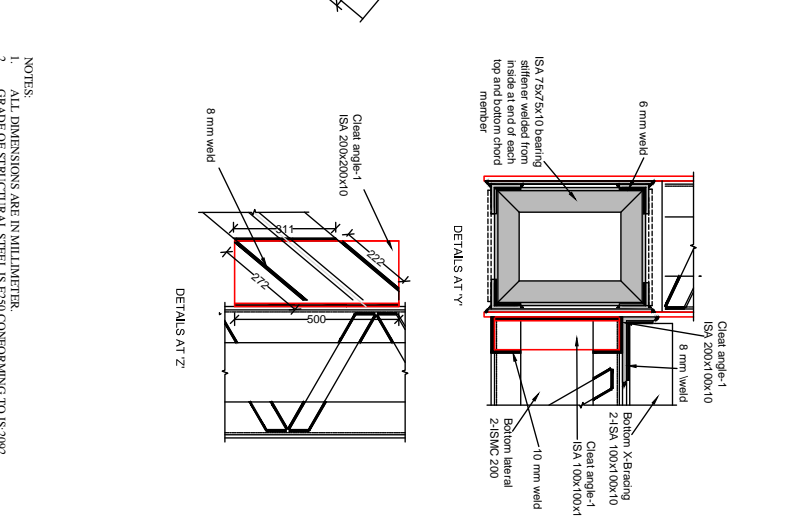
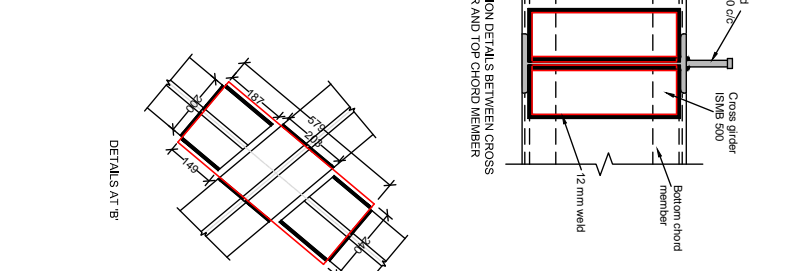
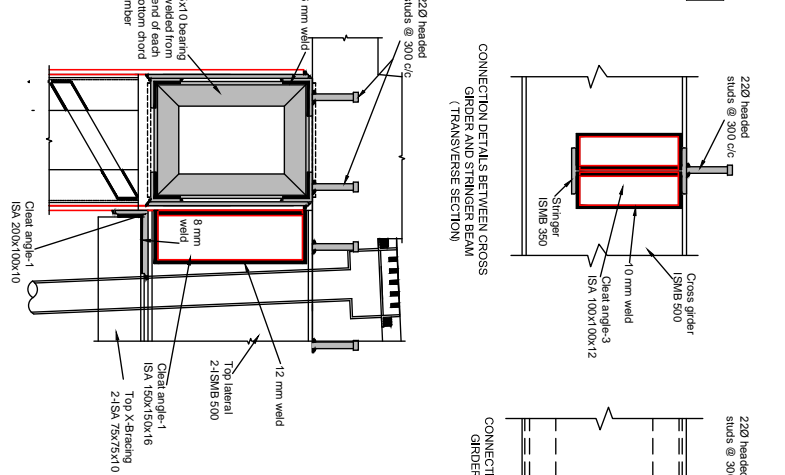
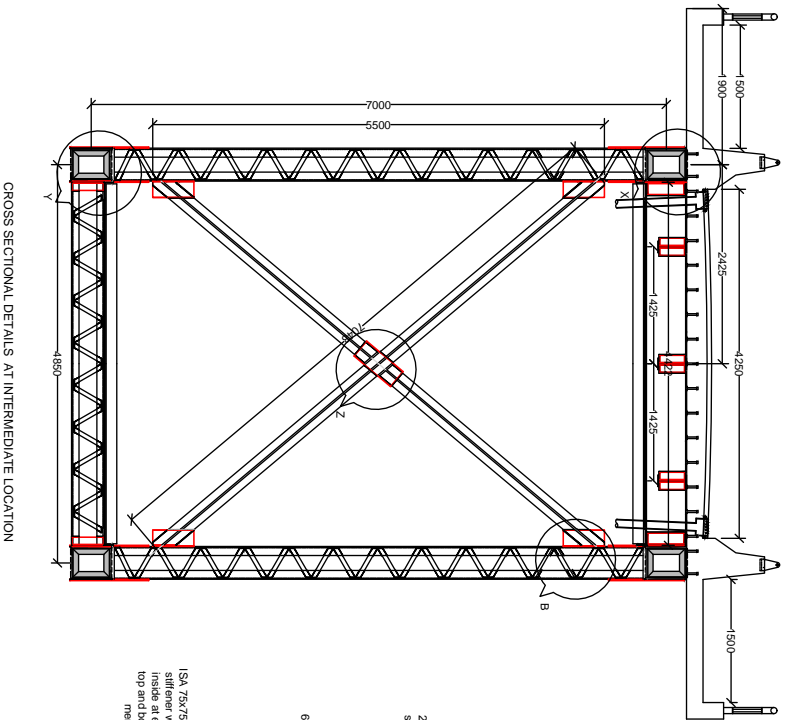


NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETER.

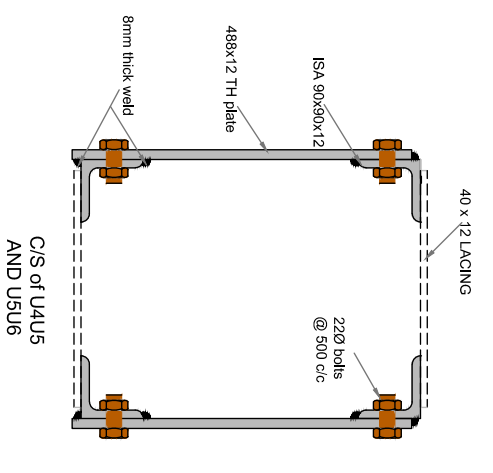
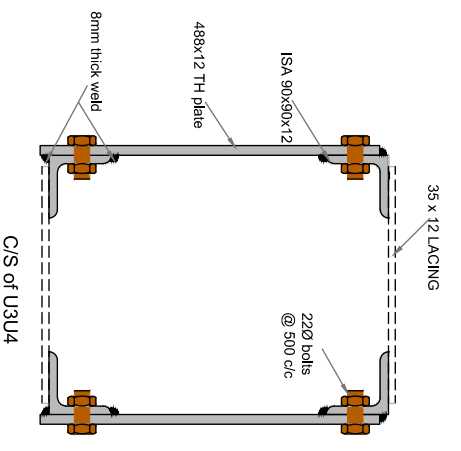
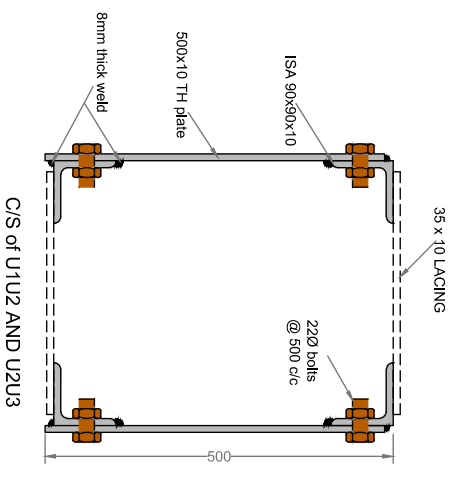
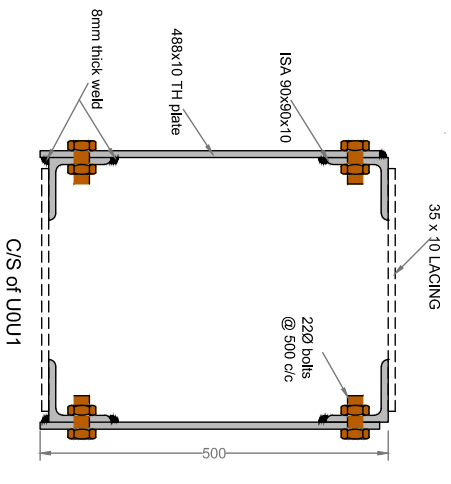


GENERAL ARRANGEMENT DRAWING FOR 42.0M SPAN SEMI DECK TYPE COMPOSITE TRUSS BRIDGE

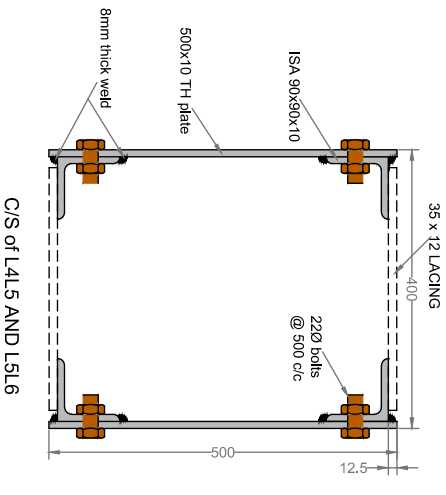
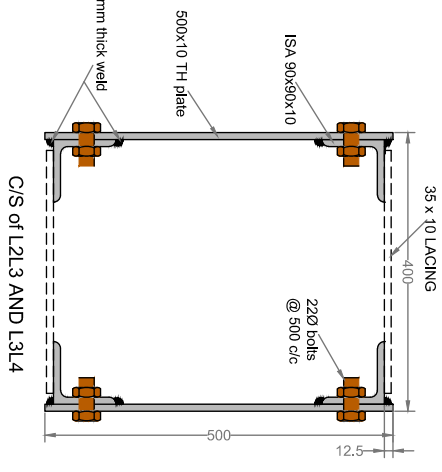
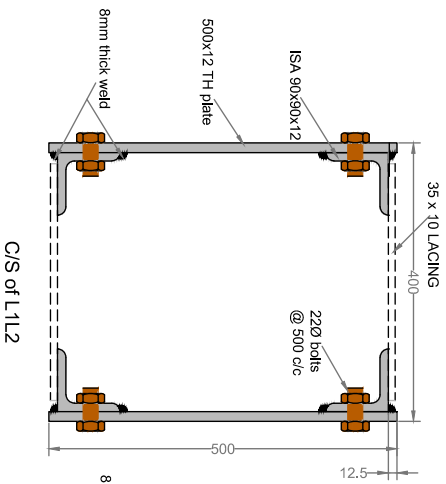
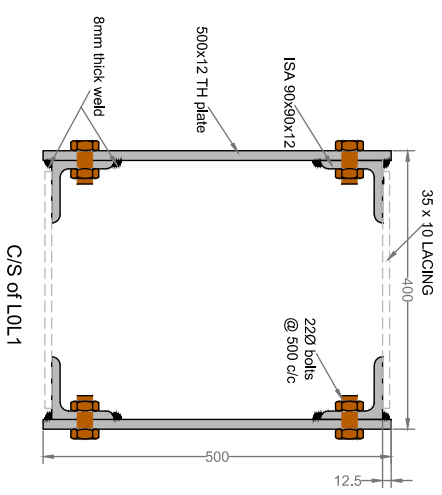


CROSS SECTIONAL DETAILS AT INTERMEDIATE LOCATION FOR 42.0m SPAN SEMI DECK TYPE COMPOSITE TRUSS BRIDGE

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETER.
 2. GRADE OF STRUCTURAL STEEL IS E250 CONFORMING TO IS:2092
 3. GRADE OF CONCRETE IS M20.
 4. GRADE OF REBARS IS Fe-500.
 5. ALL TACKLING BOLTS ARE M2 ISFG CLASS 8.8 BOLTS OF 22mm DIAM IN 23.5MM DIA HOLES CONFORMING TO IS: 3757:1985.
 6. LAGNINGS ARE PROVIDED AT AN ANGLE OF 60° WITH THE AXIS OF MEMBER.
 7. ONLY CERTIFIED WELDERS SHALL BE EMPLOYED AND ALL WELDS SHALL BE MADE AS PER IS:817.
 8. FLUX COATED ELECTRODES COMPLYING WITH IS:2879, IS:1395, AND IS:814 SHALL BE USED.
 9. ALL WELDS SHALL BE CONTINUOUS OF 8mm SIZE UNLESS SPECIFIED OTHERWISE.
 10. FABRICATION SHALL BE DONE AS PER IRC:24-2001.

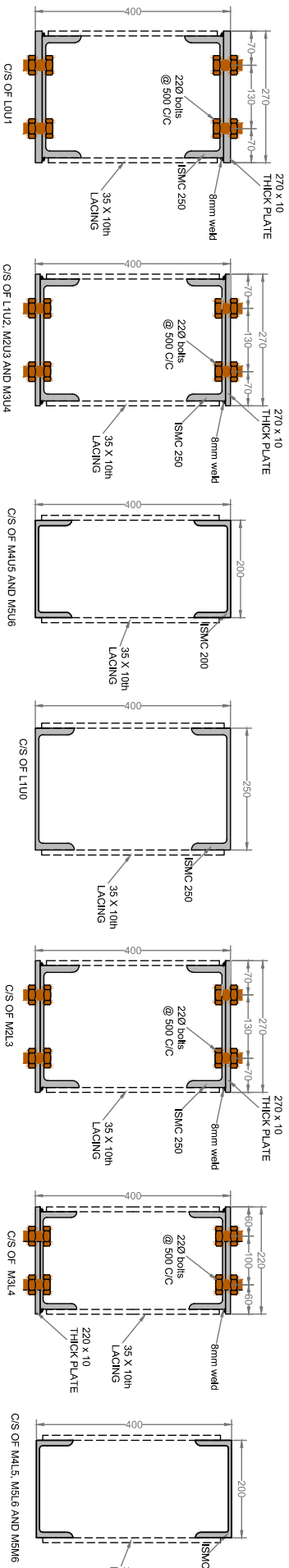


CROSS SECTIONAL DETAILS OF TOP CHORD MEMBERS

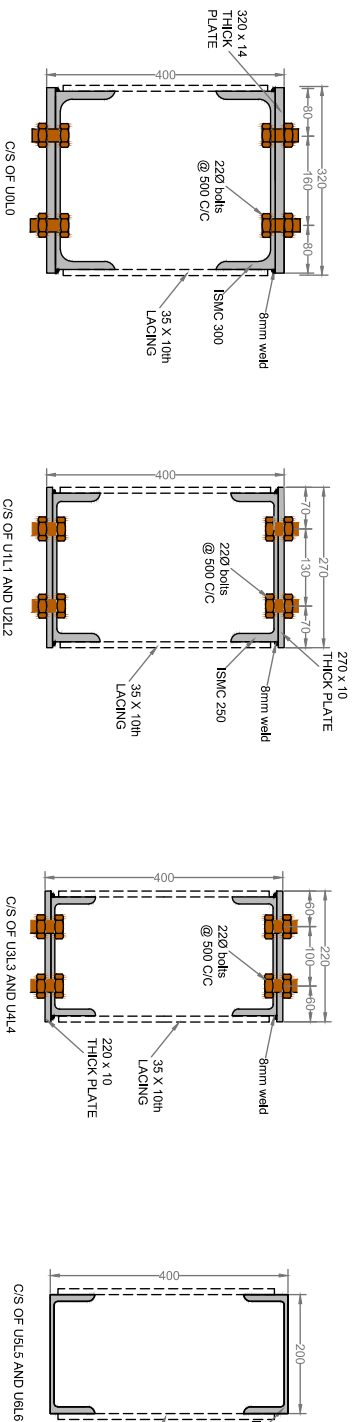


CROSS SECTIONAL DETAILS OF BOTTOM CHORD MEMBERS

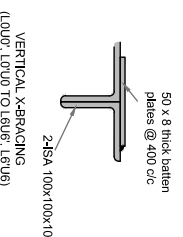
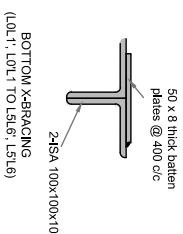
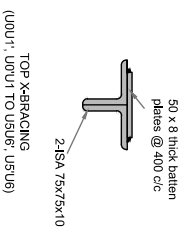
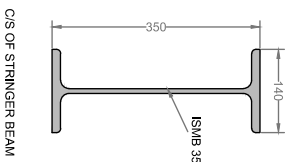
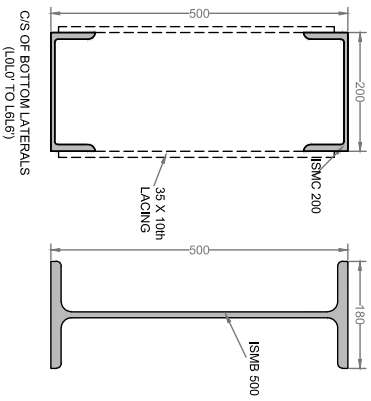
CROSS SECTIONAL DETAILS OF TOP CHORD AND BOTTOM CHORD MEMBERS



CROSS SECTIONAL DETAILS OF DIAGONAL MEMBERS



CROSS SECTIONAL DETAILS OF VERTICAL MEMBERS



DETAILS OF CROSS GIRDER, STRINGER BEAM, BOTTOM LATERAL AND CROSS BRACINGS

CROSS SECTIONAL DETAILS OF VERTICAL AND DIAGONAL MEMBERS