

# Contract Document's Completion Checklist Structural

The purpose of this document is to allow steel detailers & design consultants to determine that the engineering contract drawings are complete to acceptable industry standard.



Project:..... Project Number:..... Date:.....

Consultant:..... Drawing Numbers:.....

Item	Description	Yes / No	Comments
S.1	Are drawings co-ordinated with architectural and mechanical documents?		
S.2	Are all drawings, details & sections appropriately cross-referenced? Refer AISC Journal Vol.29 No.3 Section 3.3.5		
S.3	Are steelwork general notes complete, relevant & concise?		
S.4	Are areas of different surface treatment to steelwork clearly identified?		
S.5	Are all member sizes and orientations specified?		
S.6	Are HD Bolt details complete (embedment length, ligs, cog length etc) and top of footing RL's clearly shown?		
S.7	Are all steel connections nominated as ASI standardised structural connections U.N.O? (Australian Steel Institute)		
S.8	Are all non-standard connections adequately detailed?		
S.9	Are bracing work points and allowable offsets given?		
S.10	Are all purlin & girt details provided to suit specified cladding? Maximum spacing, lap length, bridging, bolts etc...		
S.1 1	Are beams and rafters requiring pre-cambering clearly identified?		
S.12	Are masonry anchors, grout & packers specified for interface with concrete?		
S.13	Is all secondary structural steelwork adequately described? A/C decks, grating, handrail etc...		
S.14	Are structural members for architectural requirements clearly indicated on design drawings?		
S.15	Is cladding edge trimming specified? Rakers, hip & valley trimmers, penetration trimmers etc...		
S.16			