

# STEELWORK NOTES

- S1. ALL WORKMANSHIP & MATERIALS SHALL BE IN ACCORDANCE WITH AS4100 & AS/NZS1554.
- S2. ALL STEEL SHALL BE IN ACCORDANCE WITH:  
AS1163 GRADE C350L0 FOR RECTANGULAR AND SQUARE HOLLOW SECTIONS UNO
- S3. ALL BOLTS TO BE METRIC HEXAGONAL TO AS 1252 U.N.O.  
ALL BOLTS TO BE M16 4.6/S TO AS/NZS 1252 U.N.O.  
ALL BOLTS TO BE HOT DIP GALVANISED TO AS 1214 U.N.O.
- S4. ALL CLEATS AND GUSSETS SHALL BE 10mm PLATE TO AS/NZS3678 GRADE 250 U.N.O.
- S5. METAL ROOF CLADDING TO BE 0.42 BMT LYSAGHT CUSTOM ORB WITH A COLORBOND FINISH OR APPROVED EQUAL FIXED AS PER MANUFACTURER'S SPECIFICATIONS – COLORBOND COLOUR AS PER SPECIFICATION.
- S6. ALL WELDS TO BE 6mm CONTINUOUS FILLET WELDS (CFW) STRUCTURAL PURPOSE (SP) WELDS U.N.O. ALL WELDS TO BE MADE USING E48XX OR W50X GRADE 1 (OR BETTER) ELECTRODES TO AS/NZS 1554. GRIND ALL CORNERS & WELDS SMOOTH.
- S7. ALL STEELWORK TO BE HOT DIP GALVANISED IN ACCORDANCE WITH AS/NZS 2312 HDG600 SPECIFICATION. SURFACE PREPARATION FOR CORROSION PROTECTION COATING IS TO BE CLASS 2½ TO AS 1627 AND PICKLED PRIOR GALVANISING. HOT DIPPED GALVANISED COATING SHALL BE IN ACCORDANCE WITH AS/NZS 4680.
- S8. ANY POST GALVANISING DAMAGE TO BE MADE GOOD WITH HIGH QUALITY TWO PACK EPOXY ZINC RICH PAINT CONFORMING TO AS/NZS 3750.9 WITH A MINIMUM DRY FILM THICKNESS OF 100 MICRONS. SURFACE PREPARATION TO BE ACCORDING TO PAINT MANUFACTURER'S RECOMMENDATIONS.
- S9. THE ENDS OF ALL TUBULAR OR HOLLOW MEMBERS ARE TO BE SEALED WITH 6mm THICK PLATES AND CONTINUOUS FILLET WELDED U.N.O.
- S10. PROTECTIVE COATINGS TO BE APPLIED AFTER ALL FABRICATION COMPLETED. NO WELDING ETC TO BE CARRIED OUT DURING OR AFTER APPLICATION OF COATING SYSTEM.
- S11. THE PRINCIPAL CONTRACTOR SHALL CONFER WITH THE FABRICATOR AND GALVANISER TO ENSURE VENT HOLES ARE PROVIDED IN ACCORDANCE WITH AS/NZS 4680.

STEEL MEMBER SCHEDULE	
MARK	MEMBER
C1	100 x 4 SHS COLUMN
C2	150 x 6 SHS COLUMN
P1	100 x 50 x 4 RHS PURLINS, 900 MAX. INTERNAL CRS. U.N.O.
R1	100 x 4 SHS RAFTER
R2	150 x 6 SHS RAFTER
S1	100 x 4 SHS STRUT

STRUCTURAL DESIGN CERTIFICATION		
DESIGN	DESIGN CHECK	AUTHORISED FOR ISSUE
<small>Zhuangzhi Hu RPEQ 13885 2014.11.26 15:37:50+10'00'</small>	<small>D. Bateup RPEQ 13095 2014.11.26 16:13:12+10'00'</small>	<small>Bala Balakumar RPEQ 3963 2014.11.27 08:37:41+10'00'</small>
BRISBANE CITY COUNCIL STANDARD DRAWING		
<b>SMALL/MEDIUM/LARGE SHELTERS NATURAL AREA – GENERAL NOTES</b>		SCALE N.T.S
<b>SHEET 2 OF 5</b>		DWG No. <b>BSD-10145</b>
ORIGINAL SIZE A3	REVISION B	

DRAWING AUTHORISED FOR PUBLICATION				
				<small>Inga Condric 2015.06.04 15:23:50+10'00'</small>
				<small>for ASSET ENGINEERING MANAGER STRATEGIC ASSET MANAGEMENT</small>
				DESIGN APPROVED
				<small>C.Wood</small>
				SENIOR CO-ORDINATOR NATURAL ENVIRONMENT ASSET SERVICES/BRISBANE INFRASTRUCTURE
				DESIGN CPO - P&D DATE NOV '14
				DRAWN CPO - P&D DATE NOV '14
				CHECKED BI - FSG - AS DATE NOV '14
				DRAWING FILENAME BSD-10145 BI_Small_Medium_Large shelters - Natural area - General notes - Sheet 2 of 5.dwg
				ASSOCIATED PLANS BSD-10145-Sheets 1,3,4 & 5

