# HIP ROOF SHELTERS SCHEDULE

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DIMENSIONS</th>
<th>POST HEIGHT</th>
<th>NO. OF BRACING EQUALLY SPACED ALONG FACIA/PURLIN LENGTH</th>
<th>ROOF</th>
<th>APEX</th>
<th>PURLINS</th>
<th>HIP RAPTER</th>
<th>POST CT</th>
<th>ANNEX</th>
<th>POST C2</th>
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<td>1904x5</td>
<td>1 1 - - no 1 780 140x45 170x45</td>
<td>100x6 SML 100x5 SML</td>
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Provide bracing with 140x45 timber grade same. * For spans greater than 3750 provide 2/170x45 with 2 No. M16 bolts equally spaced along the purlin, c/w washers and nuts thru purlin.

## STEELWORK NOTES

51. ALL WORKSHOPS & MATERIALS SHALL BE IN ACCORDANCE WITH AS1000 & AS/NZS1554.

52. ALL STEEL SHALL BE IN ACCORDANCE WITH AS1663 - FABRICATORS’ SPECIFICATIONS FOR RECTANGULAR AND SQUARE HOLLOW SECTION UNIONS.

53. ALL STEEL TO BE MILD 4.6/6.0 ASTM/AS1424 U.N.O.

54. ALL STEEL TO BE HIT GALVANISED TO AS1214 U.N.O.

55. ALL STEEL & GIRDERS SHALL BE 10MM PLATE TO AS/NZS3678 GRADE 500 U.N.O.

56. METAL ROOF CLADINGS TO BE 0.42mm LOCKSEAM CUSTOM ORG WITH A COLORBOND COLOUR AS APPROVED BY THE MANUFACTURER. COLORBOND COLOURS AS PER MANUFACTURER’S SPECIFICATIONS - COLORBOND COLOUR AS PER SPECIFICATION IN MAIVER ENVIRONMENT. PROVIDE COLORBOND ULTRA FINISH OR APPROVED EQUIVALENT.

57. ALL HEDGES TO BE 68MM CONTINUOUS FILLET HEELS (CPH) STRUCTURAL PURPOSE (SP) HEELS U.N.O. ALL HEDGES MUST BE MADE USING 345KPA OR W505 GRADE 1 (OR HIGHER) ELECTRODES TO AS/NZS 1554. CANNOT ALL CORNERS & HEELS SMOOTH.

58. ALL STEELWORK TO BE HIT GALVANISED IN ACCORDANCE WITH AS/NZS 2312. HIS0650 SPECIFICATION. CORROSION PROTECTION COATING TO SURFACE PREPARATION OF SUBSTRATE MATERIAL IF CLASS 2a TO AS 1627 AND PICKLED PRIOR GALVANISING. HIT DIFFER GALVANISED COATING SHALL BE IN ACCORDANCE WITH AS/NZS 4680.

## STAINLESS STEEL:

1. BEFORE FABRICATION SUPPLY COPIES OF SHOP DRAWINGS FOR REVIEW DETAILED DRAWINGS DO NOT INCLUDE DIMENSION CHECKING.

2. STAINLESS STEEL MATERIAL SHALL NOT BE STORED WITH CARBON STEEL.

3. TOOLS USED FOR CARBON STEEL SHALL NOT BE USED TO FABRICATE OR ASSEMBLE STAINLESS STEEL COMPONENTS.

4. THE STAINLESS STEEL SHALL BE WRAPPED OR OTHERWISE PROTECTED DURING TRANSPORT TO AVOID CORROSION BY FERROUS PRODUCTS.

5. WELDING TO BE IN ACCORDANCE WITH AS1554.6.


7. CHROMIC ACID AND POLISHING SOLUTIONS TO BE STORED AT 0° C.

8. ANY POST GALVANISING DAMAGE TO BE MADE GOOD WITH HIGH QUALITY TWO-PART EPOXY ZIP. FABRICANTE CONFORMING TO AS/NZS 3709.2 WITH A MINIMUM 100% FILME THICKNESS OF 100 MICS. SURFACE PREPARATION TO BE ACCORDING TO MANUFACTURER’S RECOMMENDATIONS.

9. THE ENDS OF ALL TUBULAR OR HOLLOW MEMBERS ARE TO BE SEATED WITH 5MM THICK PLATE AND CONTINUOUS FILLET WELDED WITHIN 20MM.

10. PROVIDE A FILM COATING TO BE USED AFTER ALL FABRICATION COMPLETED. NO REPAIRS TO BE CARRED OUT DURING OR AFTER APPLICATION OF COATING SYSTEM.

11. THE PRINCIPAL CONTRACTOR SHALL COMPLETE WITH THE FABRICATOR AND GALVANISER TO ENSURE THAT PROFILES ARE IN ACCORDANCE WITH AS/NZS 4680.

12. FOR WAVE ENVIRONMENTAL ZONES (WITHIN 1KM OF THE COASTLINE) ALL STEEL SPACERS, FASTENERS, INCLUDING SEALS, NUTS, AND BOLTS SHALL BE STAINLESS STEEL PLASTIC SEPARATORS SHALL BE PROVIDED TO AVOID CONTACT BETWEEN SIMILAR MATERIALS STAINLESS STEEL GRADE 316 TO BE USED.

13. CO-ORDINATE WITH LUMINIR PROTECTION DETAILS - REFER TO BSD-10133.

## STRUCTURAL DESIGN CERTIFICATION

BRISEBANE CITY COUNCIL STANDAR DRAWING

HIP ROOF SHELTER PARK - STRUCTURAL NOTES (PAGE 2 OF 2)

SHEET 2 OF 7

BD-10131

NOTE TO SCALE