



**Disclaimer**

Please Note That Due To A Survey Not Being Performed By Broxap, The Position Of The Shelter Is To Be Advised By The Client

The Client Must Ensure That The Location In Which The Shelter Is To Be Installed Is Of Sufficient Size To Enable The Shelter To Be Fitted With Out Complication Or Impediment From Buildings, Walls Or Any Free Standing Structures In The Vicinity. The Is Also Responsible For The Legs Of The Shelter Being Positioned So Not To Foul With Any Drains, Services, Manhole Covers Or Underground Foundations.

Broxap Ltd May Be Contacted Should You Wish To Discuss Shelter Location Or Site Suitability, Alternatively Feel Free To Seek Independant Advice.

**General Notes:**  
All dimensions are to be checked on site with allowances for variations due to normal manufacturing tolerance.  
Drawing errors or omissions are to be reported and checked with the Design Office.  
Where items are drawn as assemblies these items must be trial assembled in workshop by manufacturer to ensure correct fit.  
None of the work content shown in this drawing for any company may proceed until approved copies are distributed and clearly marked "ISSUED FOR CONSTRUCTION"  
This drawing is copyright and no portion should be copied or reproduced without the consent of Broxap Limited

**Fabrication Tolerances**  
0mm - 1000mm = +/- 1.0mm  
1001mm - 2500mm = +/- 1.5mm  
2501mm - 5000mm = +/- 2.0mm  
5001mm - 10000mm = +/- 2.5mm  
Unless stated otherwise

**Project Specific Notes:**  
Shelter Galvanised In Accordance With BS EN ISO 1461:2009 & Powder Coated. Finish Colour To Be ...  
Roof Cladding To Be ... Finish Colour To Be ...  
Guttering / Downpipes To Be ... Finish To Be ...

**Material Grade - BS EN 10025-2:2004 S235JRH**  
All Hollow Sections To Be In Accordance With BS EN 10210-1:2006 Or BS EN 10219-1:2006  
All Welds To Be 5mm Fillet Welds Unless Otherwise Stated

**Installation Notes:**  
15mm Pack And Grout Required To Underside Of Baseplates  
Steelwork To Be Installed To BS 5606:1990  
Columns Position +/- 10mm Per Bay  
Column Vertically +/- 5mm  
Level At Eaves +/- 6mm  
O/all Length +/- 5mm

**Foundations To Be Installed**  
The Foundation Design Assumes That Passive Resistance Can Be Utilised From The Adjacent Well Compacted Hard-core Fill Around The Full Depth Of The Pads And The Net Allowable Ground Bearing Pressure Of 100 kN/m².

Concrete Grade To Be Gen 3 Min Strength C16/20 To BS 8500 (Equivalent To C20 Concrete. ....)

**Foundations To Be Installed To BS5606:1990**  
Foundation Position +/- 25mm Per Bay  
Foundation Level - +/- 10mm

All steel Sizes Are Subject To Structural Analysis

**Foundations By Others.**  
Do Not Lay Any Foundations At This Stage Of The Project

|      |                                      |       |          |
|------|--------------------------------------|-------|----------|
| C    |                                      |       |          |
| B    | Top runner detail amended            | JCO L | 15/07/21 |
| A    | Checked and issued for construction. | JRB   | 13/09/18 |
| Rev. | Description                          | Drawn | Checked  |

**Drawing Status:**  
Construction Issue

**broxap**  
Design & Head Office, Rowhurst Industrial Estate, Chesterton, Newcastle-under-Lyme, Staffordshire ST15 6BD  
Tel: +44 (0) 1782 564411 Fax: +44 (0) 1782 564312

**Client:**  
STD Products

**Project:**  
STD Products

**Drawing Title:**  
General Arrangement For 5m Anti-Vandal Wardale

**Drawn:** J.Beaford **Checked:** [Signature]

**Date:** 13/09/18 **Scale:** Varies @ A1

**Drawing No.:** BXMW-AV-WAR50 **Rev. No.:** B

Broxap Order No.: STD Products