



OPERATIONS AND MAINTENANCE MANUALS

Regional Lagoons Manuals > ST59 Kalbar > Sheds

Builder
Thomas Coffey

Compiled
Feb 03, 2015

Table of Contents

Regional Lagoons Manuals	1
ST59 Kalbar	2
Electrical	3
Introduction	4
Assets	5
Maintenance	6
Operations & Tech Data	7
Warranties	8
Commissioning Information	9
Help & Contact	10
As Built Drawings	11
Hydraulic	12
Introduction	13
Assets	14
Maintenance	15
Operations & Tech Data	16
Warranties	17
Certificates	18
Commissioning Information	19
Help & Contact	20
As Built Drawings	21
Formwork/Reinforcement and Concrete	22
Certificates	23
Chemical dosing equipment	24
Introduction	25
Maintenance	26
Operations & Tech Data	27
Warranties	28
Certificates	29
Commissioning Information	30
Spares	31
Help & Contact	32
As Built Drawings	33
Documents	34
Sheds	35
Introduction	36
Maintenance	37
Operations & Tech Data	38
Warranties	39
Certificates	40
Help & Contact	41
As Built Drawings	42
Thomas Coffey Finalisation documents	43
Introduction	44
Warranties	45
Commissioning Information	46
Help & Contact	47
As Built Drawings	48

Introduction

Introduction

This manual has been prepared by Ausfab for the purpose of Operation and maintenance of the Kalbar portion of work of the Regional Lagoons Project. The work has been completed as per the Contract and Construction Drawings Supplied by Thomas Coffey.

Please find complete as-built Drawings in the Drawing Section of this manual.

The Following is a brief description of the scope of work.

1. Design and construction of the MF building.
2. Design and construction of the CO2 dosing building

Maintenance

Colorbond Maintenance

6 - Monthly

Simple maintenance of COLORBOND® steel and ZINCALUME® steel by regular washing with water, will not only enhance its life but maintain its attractiveness for longer periods thus protecting your asset. Applications where the paint finish is automatically washed by rainwater do not usually require this maintenance, e.g. roof cladding. Examples of applications requiring maintenance cleaning include wall cladding under eaves, garage doors and the underside of eave gutters.

Areas not regularly washed by rainwater should be hosed down at least every six months and more frequently in coastal areas where marine salt spray is prevalent, and in areas where high levels of industrial fallout occur.

In cases where the regular maintenance referred to above does not remove all dirt which may have adhered to the surface of the paint, the following procedure should be carried out:

Wash the surface with a mild solution of pure soap or mild non-abrasive kitchen detergent in warm water. Application should be with a sponge, soft cloth or soft bristle nylon brush, and should be gentle to prevent shiny spots.

The COLORBOND® steel and ZINCALUME® steel should be thoroughly rinsed with clean water immediately after cleaning to remove traces of detergent.

Never use abrasive or solvent type cleaners (turps, petrol, kerosene, paint thinners) on COLORBOND® steel and ZINCALUME® steel.

If cared for in accordance with these instructions, your building components made from COLORBOND® prepainted steel and ZINCALUME® steel will give many years of low maintenance life.

Leaf Beater Rainwater Head

1 - Monthly

The Clean Shield™ screen is mostly self cleaning. If cleaning is required simply lift the Clean Shield™ screen out by taking hold of the quick release tabs and pull the Clean Shield™ screen upwards and outwards, then hose or brush off.

Operations & Tech Data

Leaf Beater Rain Water Head

Linked Documents

 [Leaf_Beater_Original_Spec and Maintenance_Sheet.pdf](#)

Colorbond steel

Linked Documents

 [ColorbondSteelDatasheetRev13Dec2013.pdf](#)



Products: Leaf Beater® Original with Clean Shield™

Code: RHLB01 – 90mm
RHLB02 – 100mm

The Original Compact Rain Head - now
with Enhanced Performance

Product Description

Keeps your Rain Harvesting system free of mosquitoes, vermin and debris.

The Leaf Beater® Original + Clean Shield™ is the practical and versatile Rain Head, featuring the new patented Clean Shield™ (single screen) technology. The Leaf Beater® Original + Clean Shield™ Rain Head prevents debris from entering the Rain Harvesting system, improves water quality and reduces tank maintenance. The single screen incorporates Clean Shield™ technology which deflects leaves and debris away from the flow of water. This minimises maintenance and enhances catchment efficiency.

Features and Benefits

- Upgraded with new debris shedding single screen technology (Clean Shield™)
- Enhanced catchment efficiency – collect more rainwater
- Minimal maintenance – screen automatically sheds debris
- Higher flow rate performance
- Compact design suits smaller spaces
- A single mosquito proof stainless steel mesh screen with 0.955mm aperture
- Available in 90mm or 100mm outlet

Compliance

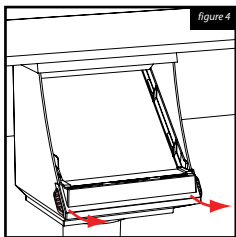
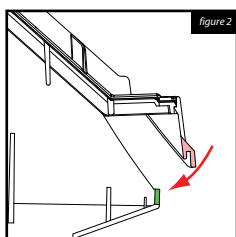
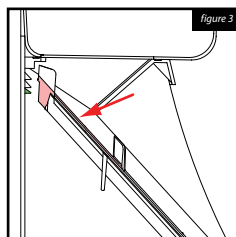
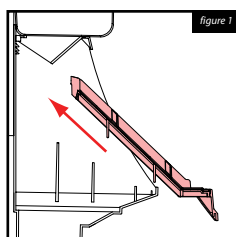
- Queensland Development Code MP 4.2 – Water Saving Targets
- AS/NZS 3500.3:2003 Plumbing and Drainage – Stormwater Drainage
- HB230:2008 Rainwater Tank Design and Installation Handbook
- enHealth Council – Guidance on the Use of Rainwater Tanks – Preventing Mosquitoes Breeding
- Queensland Health Regulations 1996 (Part 8 – Mosquito Prevention)

Installation

Gutter Installation

1. Remove the existing Gutter Outlet from the roof guttering system.
2. Hold the new Gutter Outlet #3 against the fascia and the bottom of the gutter where the new outlet hole is to be, then using the gutter outlet as a template, draw around the inside of the outlet to mark the underside of the gutter for the new hole and cut out with tin snips.
3. Refit the Gutter Outlet #3 to the main body #1 and place a small amount of sealant in the sealant groove in #3.
4. Remove the Clean Shield™ screen #2 whilst fitting the Leaf Beater® Original. Simply lift the Clean Shield™ screen out (figure 4) by taking hold of the quick release tabs (red) and pull them outwards and upwards.
5. Slide the Leaf Beater® Original up against the fascia and position the Outlet #3 over the gutter outlet hole. Fasten the unit to the fascia with two rivets or screws through the back of the body 1# and into the fascia.
6. Insert the Clean Shield™ screen #2 into the rain head at approx 45 degrees (figure 1) until the front rubber channel is nearly over the front lip of the body. TIP : Wetting the rubber seal will help the screen slide into place.
7. Fix the front of the Clean Shield™ screen #2 into place (figure 2) by sliding the rubber channel (red) over the front lip (green) of the body.
8. Reaching towards the back of the screen push down on the plastic frame (figure 3) so that the rear edge (red) is below the lowest notch (green) and firmly against the back wall of the Leaf Beater® Original.
9. The Leaf Beater® Original is now ready for connection to the downpipe. Do NOT glue the Leaf Beater® Original to the downpipe. SECURE with a screw for easy replacement.

NOTE: Where gutters are stretched out or out of square it may be necessary to rivet the Outlet #4 to the gutter. Take care to ensure the Outlet #4 is sealed to the gutter in all situations.



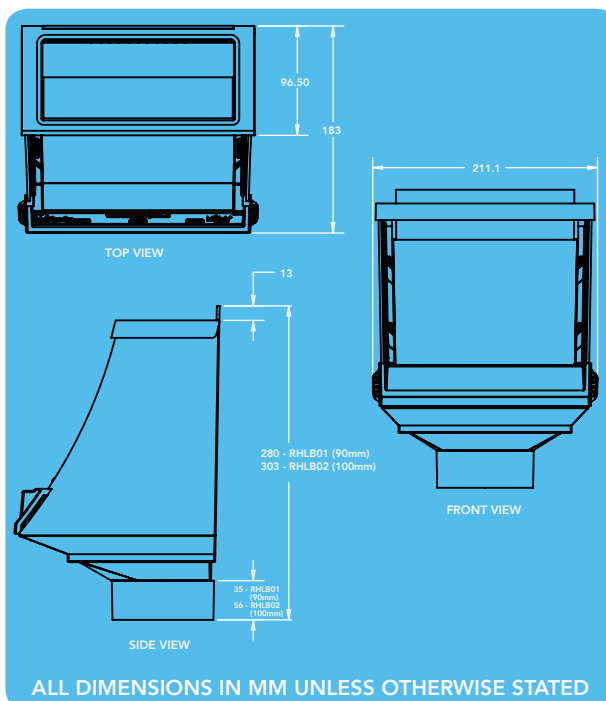
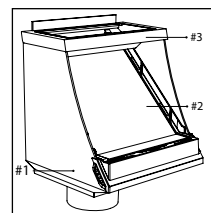
Mid-Mount Installation

To improve access for cleaning the Leaf Beater® Original Rain Head can be mounted down the wall at a convenient height.

It is important to note that when mid-mounting, the flow directional benefits of the rectangular gutter outlet supplied with the Leaf Beater® Original will be lost. However this is to be balanced with the benefits gained from easier access for maintenance.

For mid-mounting, discard the top flow-directional gutter outlet. Cut the entry downpipe and install so that the downpipe sits approximately 5mm below the inside top edge of the Leaf Beater® Original body. This ensures the end of the pipe is within the Leaf Beater® Original and water is directed onto the face of the screen.

Recommendation: When mounting the Leaf Beater® Original, make sure that it is mounted minimum of 1.2m above the discharge point when pushing water underground and then up into a tank. Long runs may require more than a 1.2m head depending on the pipe length and size of the pipe and the volume required to be moved.



Maintenance

The Clean Shield™ screen is mostly self cleaning. If cleaning is required simply lift the Clean Shield™ screen out by taking hold of the quick release tabs and pull the Clean Shield™ screen upwards and outwards, then hose or brush off.

PO237 DISCLAIMER This product specification is not a complete guide to product usage. Further information is available from Rain Harvesting Pty Ltd and from the Installation and Operating Instructions. This specification sheet must be read in conjunction with the Installation and Operating Instructions and all applicable statutory requirement. Product specifications may change without notice. © Rain Harvesting Pty Ltd

COLORBOND® steel

Revision 13 December 2013

This literature supersedes all previous issues



Prepainted - PP

GENERAL DESCRIPTION

COLORBOND® prepainted steel, specifically designed by BlueScope Steel Limited to provide a high durability, premier cladding and roofing material for general use. To determine if warranties apply, please visit the BlueScope Steel website or contact BlueScope Steel Direct for advice.

TYPICAL USES

Roofing and accessories, wall cladding, rain water goods. For material selection advice, please contact BlueScope Steel Direct.

AUSTRALIAN STANDARDS

Substrate - AS 1397

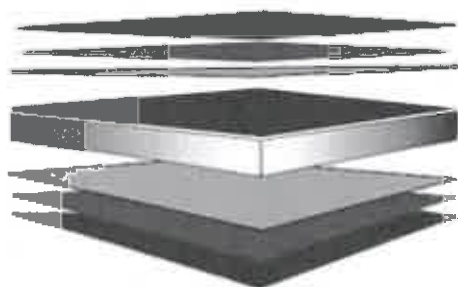
Paint Coating - AS/NZS 2728 Type 3-4

PREFERRED SUBSTRATES

ZINCALUME® G550S AM100 steel with Activate™ technology

ZINCALUME® G300S AM100 steel with Activate™ technology {Refer Note 8}

Please refer to current price list or BlueScope Steel Limited State Sales Office for availability of colours and dimensions.



CORSTRIP® protective film may be available on request {Refer Note 3}

- ← Finish Coat (Finish Coat + Primer = nominal 25µm) {Refer Notes 4 & 5}
- ← Universal Corrosion Inhibitive Primer
- ← Conversion Coating
- ← ZINCALUME®- Zinc/Aluminium alloy coated steel with Activate™ technology Substrate
- ← Conversion Coating
- ← Universal Corrosion Inhibitive Primer
- ← Backing Coat (Backing Coat + Primer = nominal 10µm total){Refer Note 6}

ATTRIBUTES TESTED DURING MANUFACTURE

Property	Test & Evaluation Method(s)	Results
Adhesion		
Reverse Impact	AS/NZS 2728 (App. E)	≥10 joules
T-bend	AS/NZS 2728 (App. F)	Maximum 6T. Refer Note 7.
Hardness		
Pencil	AS1580.405.1	HB or harder
Specular gloss		
60° meter	AS/NZS 1580.602.2; ASTM D523 (test & eval)	Nominal ± 10 units

Australia 1800 800 789

COLORBOND®, COLORBOND® Permigard®, COLORBOND® Coolmax®, AQUAPLATES®, CORSTRIP®, WHITEHAVEN®, BRITWITE®, DRUMSTOCK® and BlueScope are trade marks of BlueScope Steel Limited ABN 16 000 011 058

Please ensure you have the current data sheet for this product as displayed at steelproducts.bluescopesteel.com.au



COLORBOND® steel

Revision 13 December 2013

This literature supersedes all previous issues



Prepainted - PP

PRODUCT ATTRIBUTES

Property	Test & Evaluation Method(s)	Results
T-bend	ASTM D4145	Maximum 10T (no cracking) Refer Note 7
Resistance to abrasion		
Scratch	AS 2331 4 7 (test & eval)	Typically 2000g
Resistance to weathering		
Natural well washed exposure (10 yrs)	AS/NZS 1580 457 1	No flaking or peeling Refer Notes 9 & 10
Resistance to blistering		
Cleveland (500 hours)	ASTM D4545, AS/NZS 1580 481 1 9 (Blisters), AS1580 408 4 (Adhesion)	Blister density ≤ 3 . Blister size $\leq S2$ No loss of adhesion or corrosion
Resistance to corrosion		
Salt spray (1000 hours)	AS/NZS 2728 (App 1), ASTM B117, AS 2331 3 1, AS/NZS 1580 481 1 9 (Blisters), AS 1580 408 4 (Adhesion)	Blister density ≤ 2 Blister size $\leq S3$. Undercut from score ≤ 2 mm. No loss of adhesion or corrosion Refer Note 2
Kesternich (SO ₂) (50 cycles)	DIN 50018	Edge creep < 4 mm Refer Note 2
Resistance to colour change		
Natural well washed exposure (10 yrs)	AS/NZS 1580 457 1 & ASTM D2244 (Colour)	ΔE cielab 2000 Light colour ≤ 4 units, Intermediate colour ≤ 6 units, Dark colour ≤ 10 units Refer Notes 9 & 10
QUV (2000 hours)	ASTM G154 & ASTM D2244 (Colour)	ΔE cielab 2000 Intermediate colour ≤ 5 units
Resistance to chalking		
Natural well washed exposure (10 yrs)	AS/NZS 1580 457 1 & AS/NZS 1580 481 1 11 (Chalk Method B)	Chalk rating ≤ 4 . Refer Notes 9 & 10.
QUV (2000 hours)	ASTM G154 & AS/NZS 1580 481 1 11 (Chalk Method B)	Chalk rating ≤ 4
Resistance to delamination		
Exposure	ASTM D1308 (3 1 1) & ASTM D2244 (Colour), AS/NZS 1580 481 1 9 (Blisters)	No discolouration or blistering Refer Notes 9 & 11
Resistance to acids		
Exposure	ASTM D1308 (3 1 1) & ASTM D2244 (Colour), AS/NZS 1580 481 1 9 (Blisters)	No discolouration or blistering Refer Notes 2 & 11
Resistance to alkalis		
Exposure	ASTM D1308 (3 1 1) & ASTM D2244 (Colour), AS/NZS 1580 481 1 9 (Blisters)	No discolouration or blistering Refer Notes 2 & 11
Resistance to fire		
Exposure	AS/NZS 1530 3 (test & eval.)	Ignitability index 0 rating in scale of 0-20 Spread of Flame index 0 rating in scale of 0-10 Heat evolved index 0 rating in scale of 0-10 Smoke evolved index 0-1 rating in scale of 0-10
Resistance to heat		
Exposure 100°C continuous (500 hrs)	ASTM D2244 (Colour)	Colour change ΔE cielab 2000 ≤ 3 units

Australia 1800 800 789

COLORBOND®, COLORBOND® Prismaard®, COLORBOND® Coolmax®, AQUAPLATE®, CORSTRIPE®, WHITEHAVEN®, BRITWITE®, DRUMSTOCK® and BlueScope are trade marks of BlueScope Steel Limited ABN 18 000 011 058.

Please ensure you have the current data sheet for this product as displayed at steelproducts.bluescopesteel.com.au



COLORBOND® steel

Revision 13 December 2013

This literature supersedes all previous issues



Prepainted - PP

IMPORTANT NOTES

- 1 All warranties for a product, if any, are subject to eligibility. Terms and conditions apply. Nothing in this document is intended by BlueScope Steel to extend, modify or otherwise affect any stated product warranty. To find out more, please visit the BlueScope steel website or contact Steel Direct for advice.
- 2 Product may not be suitable if it is intended to use COLORBOND® steel in an exterior application within 1km of salt marine locations, severe industrial or abnormally corrosive environments; in areas not washed by rain, or in applications where it will be wholly or partly buried in the ground. For selection of the most appropriate COLORBOND® steel product, please refer to Technical Bulletins TB1a, TB1b, CTB16, CTB21 and CTB22. Before purchase, you should check on suitability by visiting the BlueScope Steel website or by contacting BlueScope Steel Direct for advice.
- 3 The CORSTRIP® protective film should be removed from the painted steel strip immediately on installation. Sunlight can increase adhesion of the protective film to the painted surface if left uncovered outside.
- 4 Finish Coat - the coating applied to the exposed surface of the prepainted coil which is expected to meet the Performance Requirements.
- 5 The product is supplied with a nominal 25 unit (60°) gloss Finish Coat
- 6 Backing Coat- a thin coating applied to the reverse surface of the prepainted coil. It also gives additional durability to the reverse surface during the service life of the product, but for aesthetic reasons is not recommended for exposure to sunlight. Performance Requirements are generally not applicable to backing coats. Where specific Performance Requirements are deemed necessary for the reverse surface coating, a "double sided" product should be specified, in which case a topcoat of full nominal thickness will be applied.
- 7 The minimum internal bend diameters for forming processes to achieve no paint cracking (visible using x10 magnification) and to avoid paint adhesion issues are specified by the T-bend flexibility and T-bend adhesion results respectively- where 1T equals the total coated thickness (tct) in mm of the material. These results are based on testing at 20-25°C.
- 8 For most products, the metallurgical ageing process which is inherent in the paint stoving cycle will result in some loss of ductility compared with unpainted product. However, minimum strength levels designated by relevant standards will still be applicable.
- 9 Improper storage or use of non-approved roll-forming lubricants may cause brand transfer and paint blushing, and may adversely affect colour and long term durability. Product in coil or sheet pack form must be kept dry. If the coil or sheet pack becomes wet, it must be separated and dried (refer AS/NZS 2728 Appendix L, and also Technical Bulletin TB7). Contact Steel Direct to obtain advice on appropriate rollforming lubricants.
- 10 Values quoted are for panels exposed in accordance with AS/NZS 2728. Variations for in-situ performance may occur due to complexity of building design and location.
- 11 COLORBOND® steel has good resistance to accidental spillage of solvents such as methylated spirits, white spirit, mineral turpentine, toluene, trichloroethylene and dilute mineral acids and alkalis. However, all spillages should be immediately removed by water washing and drying.

Australia 1800 800 789

COLORBOND®, COLORBOND® Permagard®, COLORBOND® Coolmax®, AQUAPLATE®, CORSTRIP®, WHITEHAVEN®, BRITEWHITE®, DRUMSTOCK® and BlueScope are trade marks of BlueScope Steel Limited ABN 16 000 011 058

Please ensure you have the current data sheet for this product as displayed at steelproducts.bluescopesteel.com.au



Warranties

Colorbond Warranty

AusFab Workmanship Warranty

Ausfab warrant their works from the date of practical completion for 12 months as per the terms and conditions of their contract with Thomas & Coffey.

Thomas & Coffey will warrant the works until the end of the defect liability period.

Certificates

Kalbar MF and Dosing Shed Form 15

Linked Documents

 [Kalbar - Shed Form 15.pdf](#)

Kalbar MF Building Form 16

Linked Documents

 [Kalbar MF Building- Form 16.pdf](#)

Kalbar pH Building Form 16

Linked Documents

 [Kalbar PH Building- Form 16.pdf](#)

Galvanizer Certificates

Linked Documents

 [Galvanizer Certificates.pdf](#)

Kalbar MF and Dosing Building Slab Design Form 15

Linked Documents

 [12687 Kalbar STP-FORM 15.pdf](#)

MF and Dosing Building Structure Design Form 15

Linked Documents

 [Shed Design- Form 15.pdf](#)

Compliance Certificate for building Design or Specification

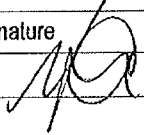
15

NOTE	<p>This is to be used for the purposes of section 10 of the <i>Building Act 1975</i> and/or section 46 of the <i>Building Regulation 2006</i>.</p> <p>RESTRICTION: A building certifier (class B) can only give a compliance certificate about whether building work complies with the BCA or a provision of the QDC. A building certifier (Class B) can not give a certificate regarding QDC boundary clearance and site cover provisions.</p>
<p>1. Property description This section need only be completed if details of street address and property description are applicable. EG. In the case of (standard/generic) pool design/shell manufacture and/or patio and carport systems this section may not be applicable.</p> <p>The description must identify all land the subject of the application. The lot & plan details (eg. SP / RP) are shown on title documents or a rates notice. If the plan is not registered by title, provide previous lot and plan details.</p>	<p>Street address (include no., street, suburb / locality & postcode)</p> <p>Heit Road</p> <p>KALBAR QLD Postcode 4309</p> <p>Lot & plan details (attach list if necessary)</p> <p>Lot 2</p> <p>In which local government area is the land situated?</p> <p>Scenic Rim Regional Council</p>
<p>2. Description of component/s certified Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.</p>	<p>Roof & Wall Framing, Wind Bracing, Tie-Down & Connections</p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p>
<p>3. Basis of certification Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.</p>	<p>AS 1170.1, AS 1170.2, AS 4100, AS 4600</p> <p>Structural Importance Level 3</p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p>

LOCAL GOVERNMENT USE ONLY

Date received		Reference Number/s		Approved form 15 Version 2 11/11
---------------	--	--------------------	--	-------------------------------------

Form 15 continued

<p>4. Reference documentation Clearly identify any relevant documentation, e.g. numbered structural engineering plans.</p>	<p>Drawing Nos: WK12-0541 / 1C, 2B</p> <p>by Osborn Lane Consulting Engineers</p>
<p>5. Building certifier reference number</p>	<p>Building certifier reference number</p>
<p>6. Competent person details A competent person for building work, means a person who is assessed by the building certifier for the work as competent to practise in an aspect of the building and specification design, of the building work because of the individual's skill, experience and qualifications in the aspect. The competent person must also be registered or licensed under a law applying in the State to practice the aspect.</p> <p>If no relevant law requires the individual to be licensed or registered to be able to give the help, the certifier must assess the individual as having appropriate experience, qualifications or skills to be able to give the help.</p> <p>If the chief executive issues any guidelines for assessing a competent person, the building certifier must use the guidelines when assessing the person.</p>	<p>Name (in full) Robert K Lane</p> <p>Company name (if applicable) Osborn Lane Consulting Engineers</p> <p>Contact person Robert Lane</p> <p>Phone no. business hours 07 4660 3300</p> <p>Mobile no. 0417 644 039</p> <p>Fax no. 07 4660 3310</p> <p>Email address warwick@osbornlane.com</p> <p>Postal address PO Box 495</p> <p>Warwick Qld Postcode 4370</p> <p>Licence or registration number (if applicable) RPEQ 4084</p>
<p>7. Signature of competent person This certificate must be signed by the individual assessed by the building certifier as competent.</p>	<p>Signature </p> <p>Date 08th March 2013</p>



Inspection Certificate / Aspect Certificate / QBSA Licensee Aspect Certificate

16

NOTE

This form is to be used for the purposes of section 10(c) and 239 of the *Building Act 1975* and/or sections 32, 35B, 43, 44 and 47 of the *Building Regulation 2006*.

1. Indicate the type of certificate

The stages of assessable building work are listed in section 24 of the *Building Regulation 2006* or as conditioned by the building certifier.

An aspect of building work is part of a stage (e.g. waterproofing).



Inspection Certificate for



Stage of building work (for single detached class 1a or class 10 building or structure)
(indicate the stage) _____



Aspect of building work
(indicate the aspect) _____

STRUCTURAL AND ROOFING KALBAR PH BUILDING



QBSA Licensee Aspect Certificate

Scope of the work

Scope of the work covered by the licence class under the *Queensland Building Services Authority Regulation 2003* for the aspect being certified, e.g. scope of work for a waterproofing licence is "installing waterproofing materials or systems for preventing moisture penetration". An aspect being certified may include "wet area sealing to showers".

THE SUPPLY AND INSTALL OF STRUCTURAL BEAMS AND ROOFING

2. Property description

The description must identify all land the subject of the application.

The lot & plan details (eg. SP / RP) are shown on title documents or a rates notice. If the plan is not registered by title, provide previous lot and plan details.

Street address (include no., street, suburb / locality & postcode)

Kalbar STP Lot 2 off Heil Rd KALBAR

Postcode 4309

Lot & plan details (Attach list if necessary)

In which local government area is the land situated?

3. Building/structure description

Building/structure description

Class of building / structure

CONTROL AND PROCESSING BUILDING

4. Description of component/s certified

Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.

BEAMS AND ROOFING

LOCAL GOVERNMENT USE ONLY

DATE RECEIVED

REFERENCE NUMBER/S

Approved form 16
Version 3.11/11

Form 16 continued

5. Basis of certification

Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.

ALL DRAWINGS AND WORK COMPLETED IN ACCORDANCE WITH AS1428, AS1554, AS1100, AS4100 & AS/NZS 4680

6. Reference documentation

Clearly identify any relevant documentation, e.g. numbered structural engineering plans.

AS BUILT DRAWINGS ATTACHED

7. Building certifier reference number and development approval number

Building certifier reference number

Development approval number

8. Building Certifier, competent person or QBSA licensee details

A **competent person** must be assessed as competent before carrying out the inspection.

The builder for the work cannot give a stage certificate of inspection.

A competent person is assessed by the building certifier for the work as competent to practice in an aspect of the building and specification design, because of the individual's skill, experience and qualifications. The competent person must be registered or licensed under a law applying in the State to practice the aspect.

If no relevant law requires the individual to be licensed or registered, the certifier must assess the individual as having appropriate experience, qualifications or skills to be able to give the help.

If the chief executive issues any guidelines for assessing a competent person, the building certifier must use the guidelines when assessing the person.

Name (in full)

NIGEL WEIS

Company name if applicable

AUSFAB CONSTRUCTIONS

Contact person

NIGEL WEIS

Phone no. business hours

1300 995 970

Mobile no.

0438 502 072

Fax no.

1300 998 983

Email address

nigel.weis@ausfabconstructions.com.au

Postal address

40 KENILWORTH STREET WARWICK

Postcode 4370

Licence class

STRUCTURAL STEEL

Licence number

1207479

Date approval to inspect received from building certifier

9. Signature of building certifier, competent person or QBSA licensee

Note: A building certifier must sign this form for temporary swimming pool fencing under section 4 of Schedule 1 of QDC MP 3.4.

Signature

Date

26/06/2013

INDUSTRIAL GALVANIZERS (BRIS.)

A division of Industrial Galvanizers Corporation Pty. Ltd.
ACN 000 545 415 ABN 40 000 545 415 010

You're better off with...

Telephone: (07) 3632 7700 Facsimile: (07) 3632 7797
Cnr. Boundary & Cobalt Streets, Carole Park, Queensland
Receiving/Despatch Office Facsimile: (07) 3718 2598
Cnr Holt St & Curtin Ave, Pinkenba, Queensland
Receiving/Despatch Office Facsimile: (07) 3632 7795
P O Box 1131
Eagle Farm Qld 4009



A valmont COMPANY

Q.A Compliance Status:

Dear Valued Customer,

Industrial Galvanizers (Brisbane) plants at Pinkenba and Carole Park are AS/ISO 9001: 2008 accredited.

All steel work received is processed for galvanizing as described within our Inspection Test Point (ITP) listed in our Quality Assurances System

Our quality plan is a visible inspection after galvanizing to determine that the coating is continuous and has adhered.

Weekly analysis of all chemical and zinc bath composition is undertaken to ensure our process are in accordance with AS/NZ 4680:2006.

Should you require any further information please contact the undersigned.

Yours Faithfully

A handwritten signature in blue ink, appearing to read 'G. C. Warner', is written over a horizontal line.

Industrial Galvanizers (BRISBANE)
Gavin Warner
QA Coordinator QLD.



CERTIFICATE OF REGISTRATION

This is to certify that:

Industrial Galvanizers Corporation Pty Ltd

ABN 40 000 545 415

Trading As

Industrial Galvanizers (Brisbane)

Cnr Holt Street & Curtin Avenue Pinkenba QLD 4008 AUSTRALIA

Commercial Avenue Bohle QLD 4814 AUSTRALIA

Cnr Boundary Road & Cobalt Street Carole Park QLD 4300 AUSTRALIA

operates a

QUALITY MANAGEMENT SYSTEM

which complies with the requirements of

ISO 9001:2008

for the following scope

The hot dip and centrifuge galvanizing of steel products, including a pick-up and delivery, same day and 24 hour service by arrangement.

Certificate No: QEC0916

Issued: 4 October 2012

Expires: 22 November 2015

Originally Certified: 9 July 1991

Current Certification: 3 October 2012

Samer Chaouk
Policy, Risk and Certification Manager

Tony Scotton
Chief Executive Officer



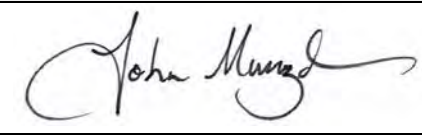
Registered by:

SAI Global Certification Services Pty Ltd (ACN 108 716 669) 286 Sussex Street Sydney NSW 2000 Australia with SAI Global Limited 286 Sussex Street Sydney NSW 2000 Australia ("SAI Global") and subject to the SAI Global Terms and Conditions for Certification. While all due care and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven negligence. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. To verify that this certificate is current please refer to SAI Global On-Line Certification register at <http://www.saiglobal.com>



Compliance Certificate for building Design or Specification

15

NOTE	This is to be used for the purposes of section 10 of the <i>Building Act 1975</i> and/or section 46 of the <i>Building Regulation 2006</i> .		
1. Property description This section need only be completed if details of street address and property description are applicable. EG. In the case of (standard/generic) pool design/shell manufacture and/or patio and carport systems this section may not be applicable. The description must identify all land the subject of the application.	Street address <i>(include no., street, suburb / locality & postcode)</i> <div>Kalbar Sewage Treatment Plant</div> <div>Heit Road, Kalbar, QLD</div> <div>Postcode 4309</div> Lot & plan details <i>(attach list if necessary)</i> <div></div> In which local government area is the land situated? <div></div>		
2. Description of component/s certified Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.	<div>Structural design of MF building & pH Dosing building slab on ground</div>		
3. Basis of certification Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.	<div>AS 1170.1; AS 1170.2; AS 1170.4; AS 2870; AS 3600; AS 3700; AS 4100</div>		
4. Reference documentation Clearly identify any relevant documentation, e.g. numbered structural engineering plans.	<div>Structural Drawings by 'Henry & Hymas Consulting' Job No. 12687-S1.00</div> <div>Geotechnical Report by 'Douglas Partners' Project No. 79887.00 Document 3</div>		
5. Building certifier reference number	Building certifier reference number <div></div>		
6. Competent person details A competent person for building work, means a person who is assessed by the building certifier for the work as competent to practise in an aspect of the building and specification design, of the building work because of the individual's skill, experience and qualifications in the aspect. The competent person must also be registered or licensed under a law applying in the State to practice the aspect. If no relevant law requires the individual to be licensed or registered to be able to give the help, the certifier must assess the individual as having appropriate experience, qualifications or skills to be able to give the help. If the chief executive issues any guidelines for assessing a competent person, the building certifier must use the guidelines when assessing the person.	Name <i>(in full)</i> <div>John Murazak</div> <div> Company name <i>(if applicable)</i> <div>H&H Consulting Engineers Pty Ltd</div> </div> <div> Contact person <div>John Murazak</div> </div> <div> Phone no. <i>business hours</i> <div>07 3262 7440</div> </div> <div> Mobile no. <div>0421 493118</div> </div> <div> Fax no. <div>07 3262 1168</div> </div> Email address <div>jmurazak@hhconsult.com.au</div> Postal address <div>8 Immarna Street</div> <div>Albion, QLD</div> <div>Postcode 4010</div> Licence or registration number <i>(if applicable)</i> <div>RPEQ 10156</div>		
7. Signature of competent person This certificate must be signed by the individual assessed by the building certifier as competent.	<div> Signature <div></div> </div> <div> Date <div>20-11-2012</div> </div>		

LOCAL GOVERNMENT USE ONLY

Date received		Reference Number/s		Approved form 15 Version 2 02/08
---------------	--	--------------------	--	-------------------------------------

Compliance Certificate for building Design or Specification

15

NOTE	<p>This is to be used for the purposes of section 10 of the <i>Building Act 1975</i> and/or section 46 of the <i>Building Regulation 2006</i>.</p> <p>RESTRICTION: A building certifier (class B) can only give a compliance certificate about whether building work complies with the BCA or a provision of the QDC. A building certifier (Class B) can not give a certificate regarding QDC boundary clearance and site cover provisions.</p>
<p>1. Property description</p> <p>This section need only be completed if details of street address and property description are applicable. EG. In the case of (standard/generic) pool design/shell manufacture and/or patio and carport systems this section may not be applicable.</p> <p>The description must identify all land the subject of the application. The lot & plan details (eg. SP / RP) are shown on title documents or a rates notice. If the plan is not registered by title, provide previous lot and plan details.</p>	<p>Street address <i>(include no., street, suburb / locality & postcode)</i></p> <div style="border: 1px solid black; padding: 2px;"> <p>Wind Region B, TC 2 & 3</p> <div style="border-bottom: 1px dashed black; width: 100%;"></div> <div style="text-align: right;">Postcode</div> </div> <p>Lot & plan details <i>(attach list if necessary)</i></p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>In which local government area is the land situated?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
<p>2. Description of component/s certified</p> <p>Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.</p>	<div style="border: 1px solid black; padding: 2px;"> <p>Roof & Wall Framing, Wind Bracing, Tie-Down & Connections</p> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> </div>
<p>3. Basis of certification</p> <p>Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.</p>	<div style="border: 1px solid black; padding: 2px;"> <p>AS 1170.1, AS 1170.2, AS 4100, AS 4600</p> <p>Structural Importance Level 3</p> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> <div style="border-bottom: 1px dashed black; height: 15px;"></div> </div>

LOCAL GOVERNMENT USE ONLY

Date received

Reference Number/s

 Approved form 15
Version 2 11/11

Form 15 continued

4. Reference documentation

Clearly identify any relevant documentation, e.g. numbered structural engineering plans.

Drawing Nos: WK12-0541 / 1C, 2B
by Osborn Lane Consulting Engineers
5. Building certifier reference number

Building certifier reference number

6. Competent person details

A competent person for building work, means a person who is assessed by the building certifier for the work as competent to practise in an aspect of the building and specification design, of the building work because of the individual's skill, experience and qualifications in the aspect. The competent person must also be registered or licensed under a law applying in the State to practice the aspect.

If no relevant law requires the individual to be licensed or registered to be able to give the help, the certifier must assess the individual as having appropriate experience, qualifications or skills to be able to give the help.

If the chief executive issues any guidelines for assessing a competent person, the building certifier must use the guidelines when assessing the person.

Name (in full)

Robert K Lane

Company name (if applicable)

Osborn Lane Consulting Engineers

Contact person

Robert Lane

Phone no. business hours

07 4660 3300

Mobile no.

0417 644 039

Fax no.

07 4660 3310

Email address

warwick@osbornlane.com

Postal address

PO Box 495
Warwick Qld

 Postcode **4370**

Licence or registration number (if applicable)

RPEQ 4084
7. Signature of competent person

This certificate must be signed by the individual assessed by the building certifier as competent.

Signature



Date

07th January 2013

Inspection Certificate / Aspect Certificate / QBSA Licensee Aspect Certificate

16

NOTE

This form is to be used for the purposes of section 10(c) and 239 of the *Building Act 1975* and/or sections 32, 35B, 43, 44 and 47 of the *Building Regulation 2006*.

1. Indicate the type of certificate

The stages of assessable building work are listed in section 24 of the *Building Regulation 2006* or as conditioned by the building certifier.

An aspect of building work is part of a stage (e.g. waterproofing).



Inspection Certificate for



Stage of building work (for single detached class 1a or class 10 building or structure)
(indicate the stage) _____



Aspect of building work
(indicate the aspect) _____

STRUCTURAL AND ROOFING KALBAR MF BUILDING



QBSA Licensee Aspect Certificate

Scope of the work

Scope of the work covered by the licence class under the *Queensland Building Services Authority Regulation 2003* for the aspect being certified, e.g. scope of work for a waterproofing licence is "installing waterproofing materials or systems for preventing moisture penetration". An aspect being certified may include "wet area sealing to showers".

THE SUPPLY AND INSTALL OF STRUCTURAL BEAMS AND ROOFING

2. Property description

The description must identify all land the subject of the application.

The lot & plan details (eg. SP / RP) are shown on title documents or a rates notice. If the plan is not registered by title, provide previous lot and plan details.

Street address (include no., street, suburb / locality & postcode)

Kalbar STP Lot 2 off Heit Rd KALBAR

Postcode 4309

Lot & plan details (Attach list if necessary)

In which local government area is the land situated?

3. Building/structure description

Building/structure description

CONTROL AND PROCESSING BUILDING

Class of building / structure

4. Description of component/s certified

Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.

BEAMS AND ROOFING

LOCAL GOVERNMENT USE ONLY

DATE RECEIVED

REFERENCE NUMBER/S

Approved form 16
Version 3, 11/11

Form 16 continued

5. Basis of certification

Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.

ALL DRAWINGS AND WORK COMPLETED IN ACCORDANCE WITH AS1428, AS1554, AS1100, AS4100 & AS/NZS 4680

6. Reference documentation

Clearly identify any relevant documentation, e.g. numbered structural engineering plans.

AS BUILT DRAWINGS ATTACHED

7. Building certifier reference number and development approval number

Building certifier reference number

Development approval number

8. Building Certifier, competent person or QBSA licensee details

A **competent person** must be assessed as competent before carrying out the inspection.

The builder for the work cannot give a stage certificate of inspection.

A competent person is assessed by the building certifier for the work as competent to practice in an aspect of the building and specification design, because of the individual's skill, experience and qualifications. The competent person must be registered or licensed under a law applying in the State to practice the aspect.

If no relevant law requires the individual to be licensed or registered, the certifier must assess the individual as having appropriate experience, qualifications or skills to be able to give the help.

If the chief executive issues any guidelines for assessing a competent person, the building certifier must use the guidelines when assessing the person.

Name (in full)

NIGEL WEIS

Company name if applicable

AUSFAB CONSTRUCTIONS

Contact person

NIGEL WEIS

Phone no. business hours

1300 995 970

Mobile no.

0438 502 072

Fax no.

1300 998 983

Email address

nigel.weis@ausfabconstructions.com.au

Postal address

40 KENILWORTH STREET WARWICK

Postcode 4370

Licence class

STRUCTURAL STEEL

Licence number

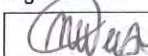
1207479

Date approval to inspect received from building certifier

9. Signature of building certifier, competent person or QBSA licensee

Note: A building certifier must sign this form for temporary swimming pool fencing under section 4 of Schedule 1 of QDC MP 3.4.

Signature



Date

26/06/2013

Help & Contact

Ausfab Design and Construction

Trade or Product: Shed Design and Construction

Contact & Address Details:

Steve Bartlett | Procurement/ Project supervisor

Postal: PO Box 3558, Tingalpa QLD 4173

Production & Delivery: 40 Kenilworth Street, Warwick QLD 4370

P: 1300 995 970 | F: 1300 998 983 | 0437 930 343 | E: steve@ausfabconstructions.com.au

As Built Drawings

MF/ pH Dosing Shed Framing Plan

Site: (ST059) Kalbar

Linked Documents

 [WK12-0541 1D.pdf](#)

Kalbar MF Shed Shop Drawing As-built

Site: (ST059) Kalbar

Linked Documents

 [Kalbar MF Building As-built.pdf](#)

Kalbar pH Building Shop Drawing As-built

Site: (ST059) Kalbar

Linked Documents

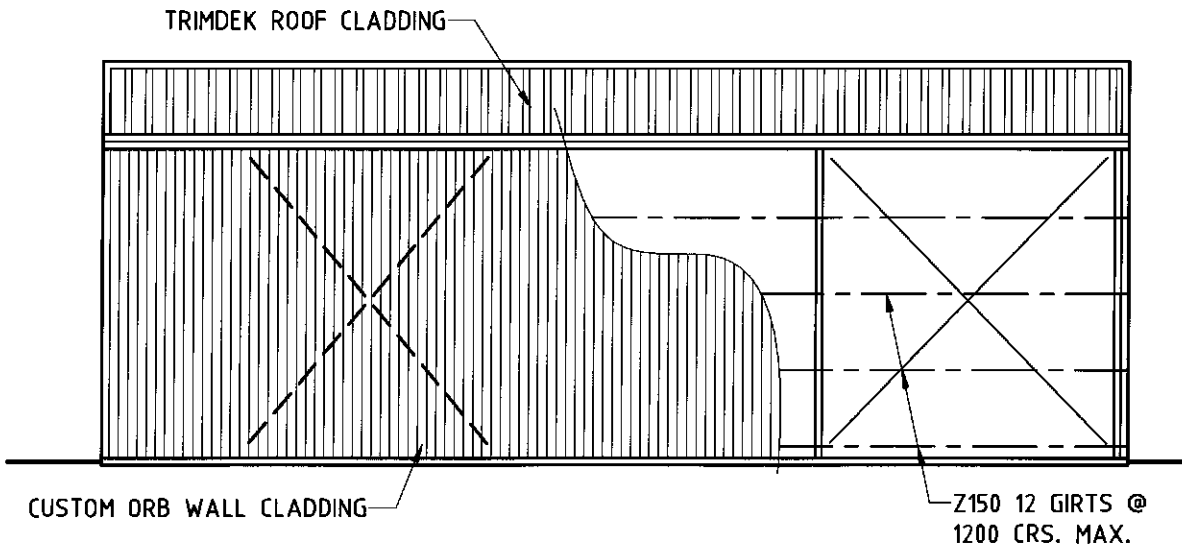
 [Kalbar pH Building As-built.pdf](#)

Kalbar MF and pH Shed Slab Design

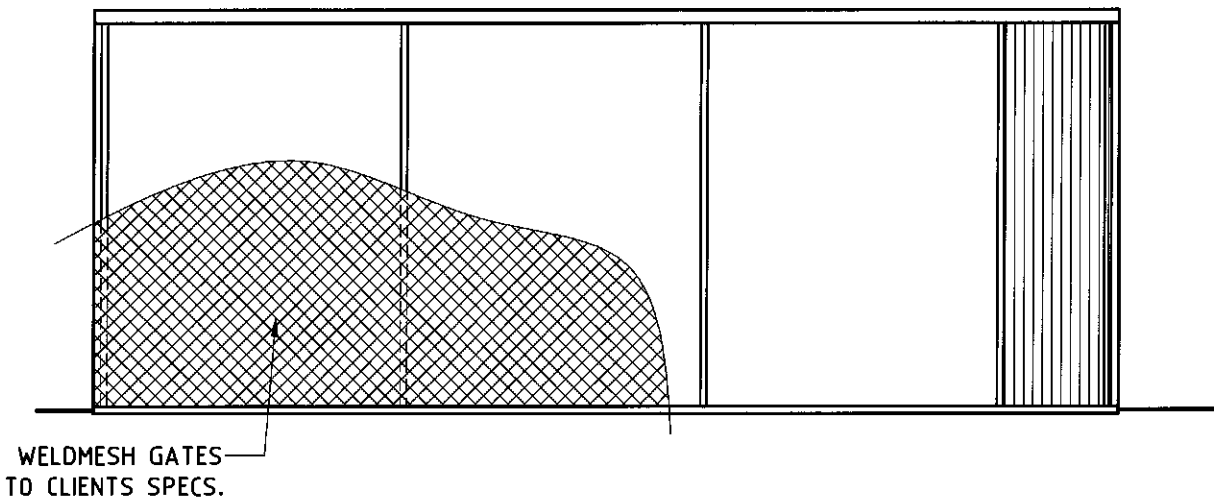
Site: (ST059) Kalbar

Linked Documents

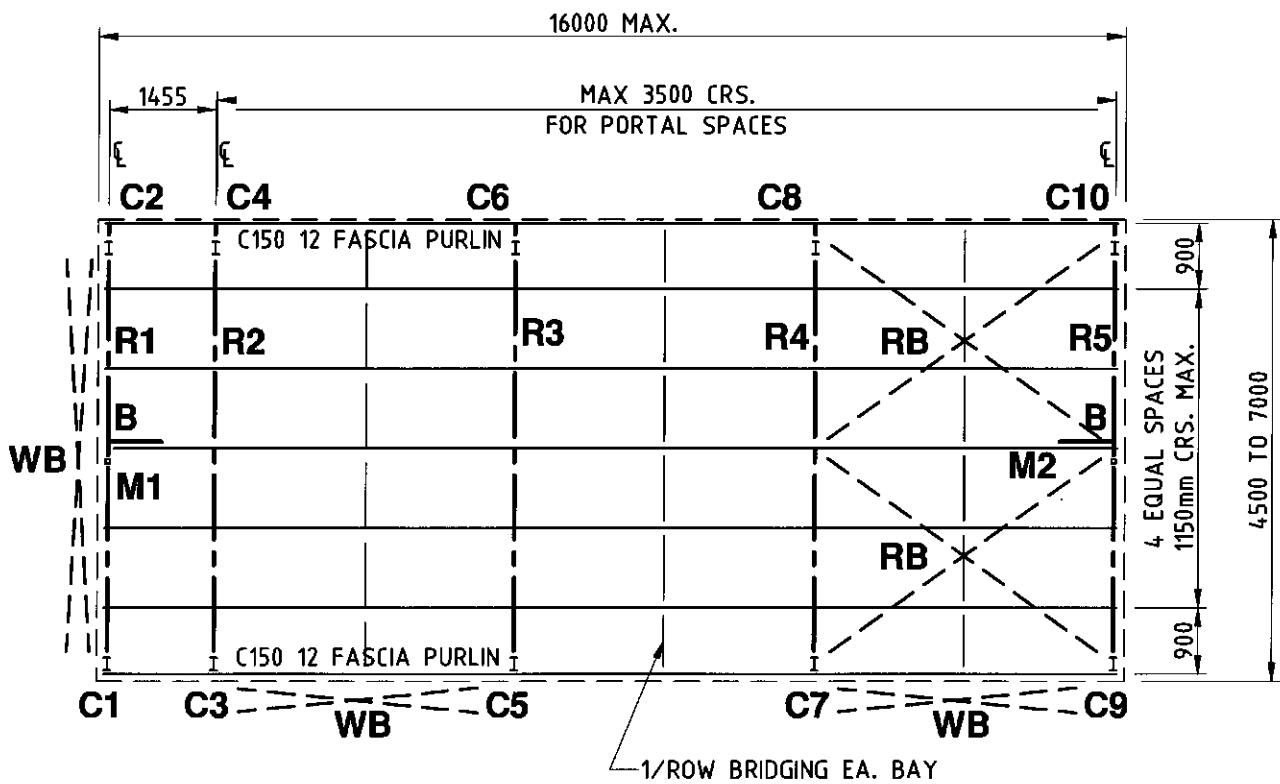
 [12687-S1- Kalbar MF and pH slab.pdf](#)



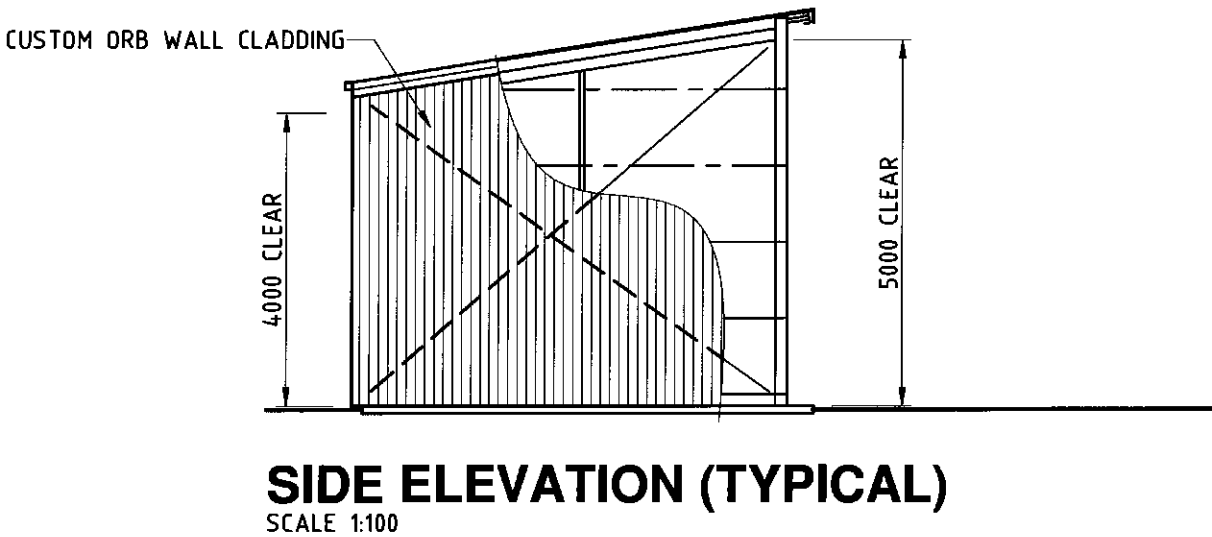
REAR ELEVATION
SCALE 1:100



FRONT ELEVATION
SCALE 1:100



ROOF FRAMING PLAN
SCALE 1:100



SIDE ELEVATION (TYPICAL)
SCALE 1:100

MEMBER SCHEDULE		
COLUMNS	(C1 - C10)	- 150 UB 18 (4500-6000)
		- 180 UB 16 (7000)
RAFTERS	(R1 - R5)	- 150 UB 18 (4500-6000)
		- 180 UB 16 (7000)
MULLIONS	(M1 - M2)	- 65x65x4.0 S.H.S. (NOT REQUIRED ON 3000)
PURLINS		- Z150 12 (CONTINUOUS)
ROOF BRACE (RB)		- R12 ROD SET MADE TAUT WITH TURNBUCKLES
WALL BRACE (WB)		- R12 ROD SET MADE TAUT WITH TURNBUCKLES
END WALL BRACE (B)		(REFER DETAIL - 1 PER END WALL)

STEELWORK NOTES

1. All work to be in accordance with current SAA codes and the Building Code of Australia.
2. Builder to verify all information and dimensions on site prior to commencement of construction.
3. Unless noted otherwise: Bolts to be M12 8.8/S. All fin, gusset & end plates to be 8 plate. Welds to be 6mm C.F.W. to mild steel and 3mm C.F.W. to cold-rolled steel.
4. Maintain stability of structure throughout erection.
5. All steel work to be power brushed & painted with two coats of red zinc oxide primer or hot dipped galvanized.
6. Design Wind Speed 54 m/s
7. Structural Importance Level 3

NOTE	1. Builder to verify all information & dimensions on site prior to commencement of construction.
	2. DO NOT SCALE DRAWINGS
	3. This drawing and the copyright thereof remains the property of OSBORN LANE Consulting Engineers A.B.N. 51 132 296 754

Revised wind speed	18/12/2012	C
Revised members	17/12/2012	B
Issued	4/12/2012	A
Drawing Revision		

OSBORN LANE

(Head Office)
148A Palmerin St.
Warwick Qld. 4370
Ph 07 4680 3300
Fax 07 4680 3310

25 Warwick Road
Ipswich Qld. 4305
Ph 07 3282 7770
Fax 07 3281 7237

99 Musgrave Road
Red Hill Qld. 4059
Ph 07 3510 8510
Fax 07 3876 3045

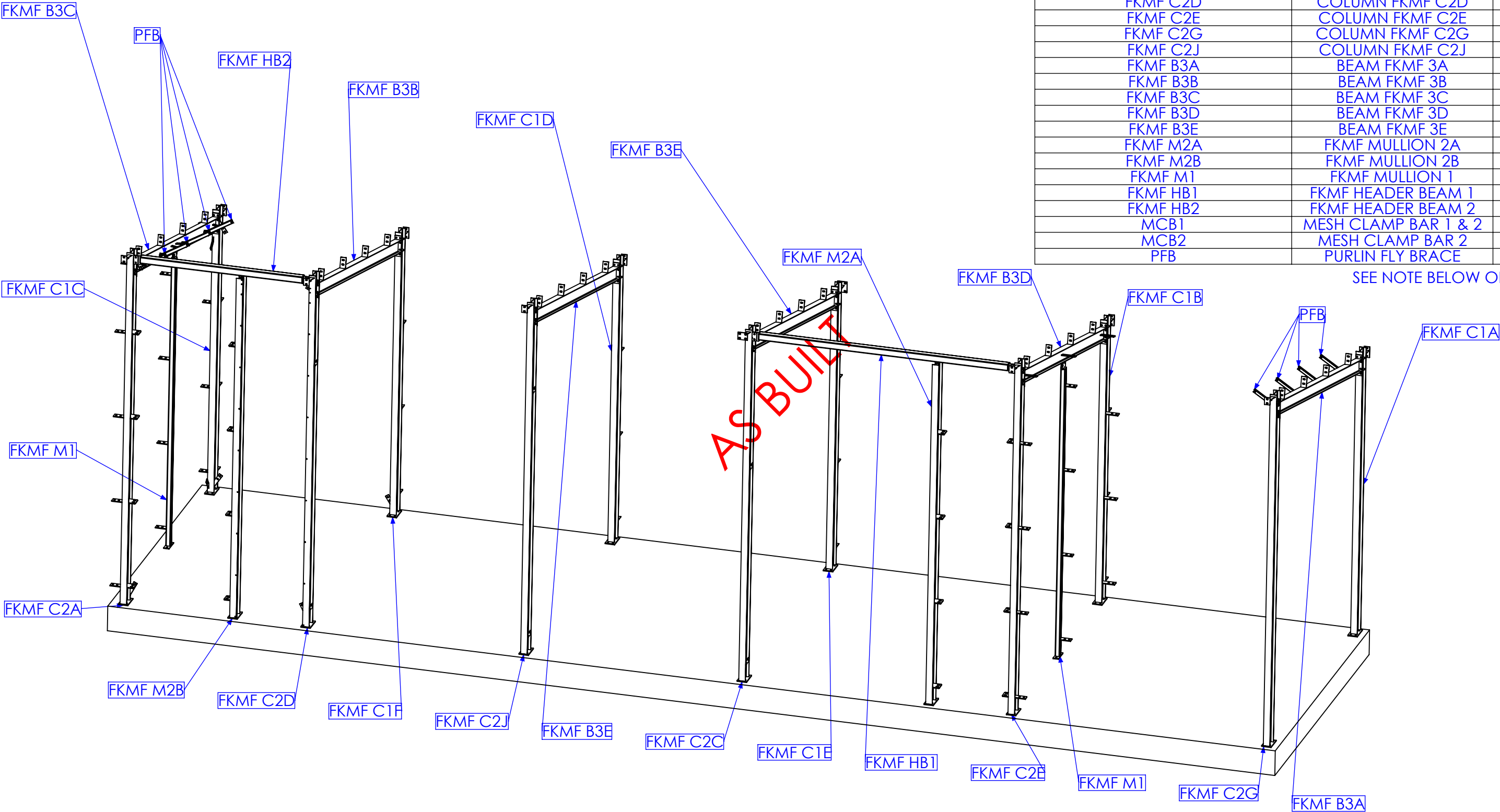
CONSULTING ENGINEERS

PROPOSED BUILDING FRAME TO DRAWING Nos. 5348-HD 1001 FOR AUSFAB CONSTRUCTIONS
--

ROOF FRAMING PLAN		
drawn: C.F.R.	checked: C.F.R.	rev: D
checked: <i>[Signature]</i>	RPEQ. 4084	
scale: As Shown	job no.: WK12-0541	dwg no: -1
SHEET 1 of 2		


Part No	DESCRIPTION	QTY
FKMF C1A	COLUMN FKMF C1A	1
FKMF C1B	COLUMN FKMF C1B	1
FKMF C1C	COLUMN FKMF C1C	1
FKMF C1D	COLUMN FKMF C1D	1
FKMF C1E	COLUMN FKMF C1E	1
FKMF C1F	COLUMN FKMF C1F	1
FKMF C2A	COLUMN FKMF C2A	1
FKMF C2C	COLUMN FKMF C2C	1
FKMF C2D	COLUMN FKMF C2D	1
FKMF C2E	COLUMN FKMF C2E	1
FKMF C2G	COLUMN FKMF C2G	1
FKMF C2J	COLUMN FKMF C2J	1
FKMF B3A	BEAM FKMF 3A	1
FKMF B3B	BEAM FKMF 3B	1
FKMF B3C	BEAM FKMF 3C	1
FKMF B3D	BEAM FKMF 3D	1
FKMF B3E	BEAM FKMF 3E	2
FKMF M2A	FKMF MULLION 2A	1
FKMF M2B	FKMF MULLION 2B	1
FKMF M1	FKMF MULLION 1	2
FKMF HB1	FKMF HEADER BEAM 1	1
FKMF HB2	FKMF HEADER BEAM 2	1
MCB1	MESH CLAMP BAR 1 & 2	2
MCB2	MESH CLAMP BAR 2	2
PFB	PURLIN FLY BRACE	8

SEE NOTE BELOW ON QTY REQ

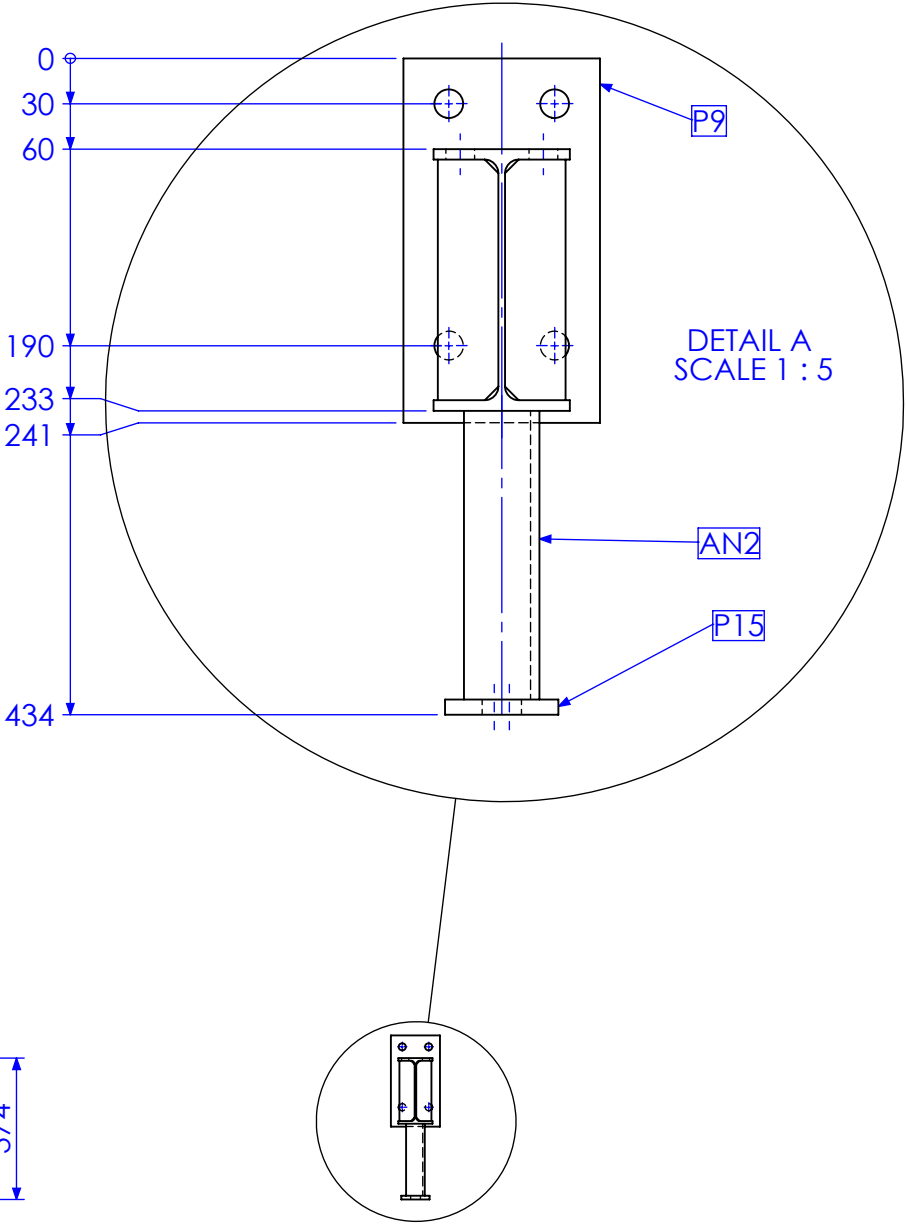
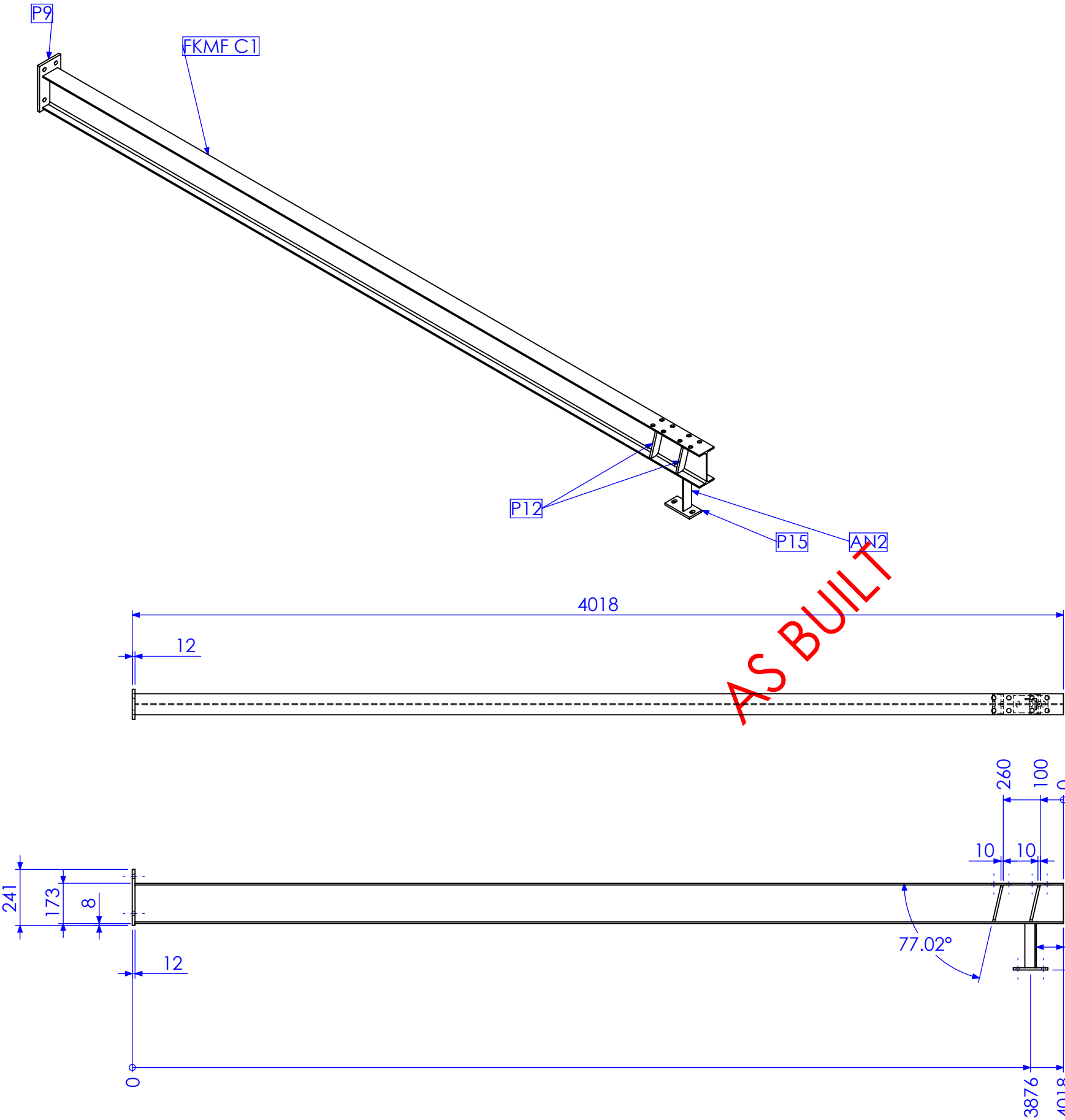


RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)	APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 2 X BOM TABLE QTYS
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015	DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	SCALE: 1:50 UNO DRAWN: SB 21/12/12 CHECK: EG/DB/NW - APPROVED: - -	DESCRIPTION: FORREST HILL & KALBAR MF FABRICATION DRAFTING No. 5248-DF-A1-A1
				AS1100 THIRD ANGLE PROJECTION SHEET 1 of 27 REV 03 PURPOSE OF DRAWING FABRICATION

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C1	1	180 UB 16.1	4006
AN2	1	50x50x6 EA	191
P15	1	75x10 FL	150
P12	4	40x10 FL	165.48



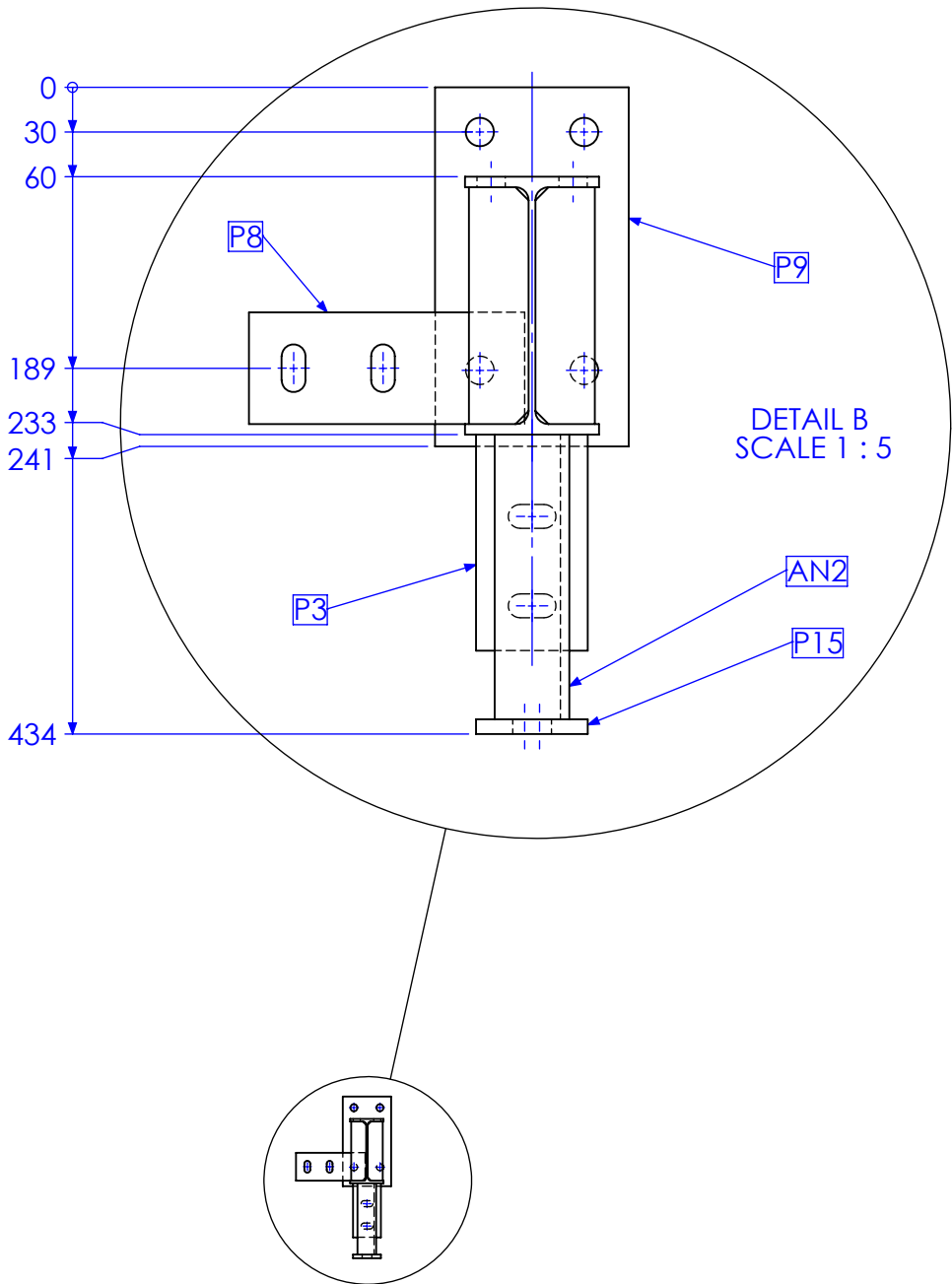
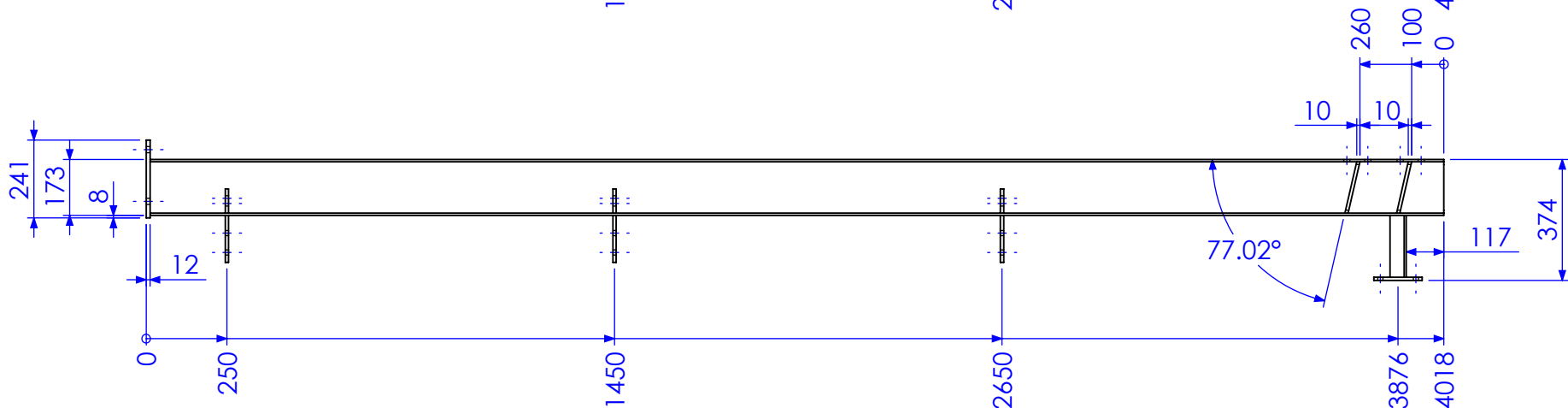
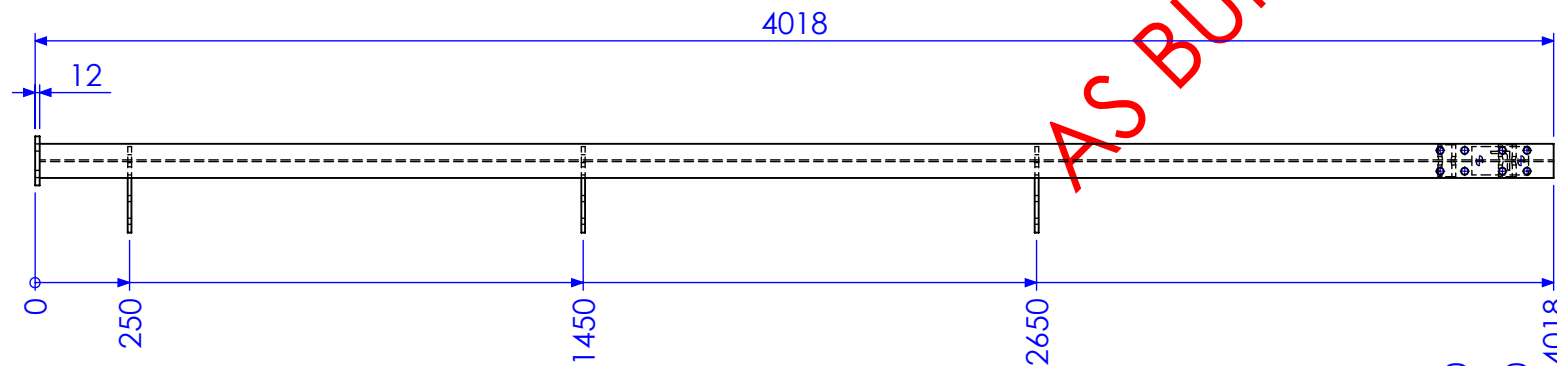
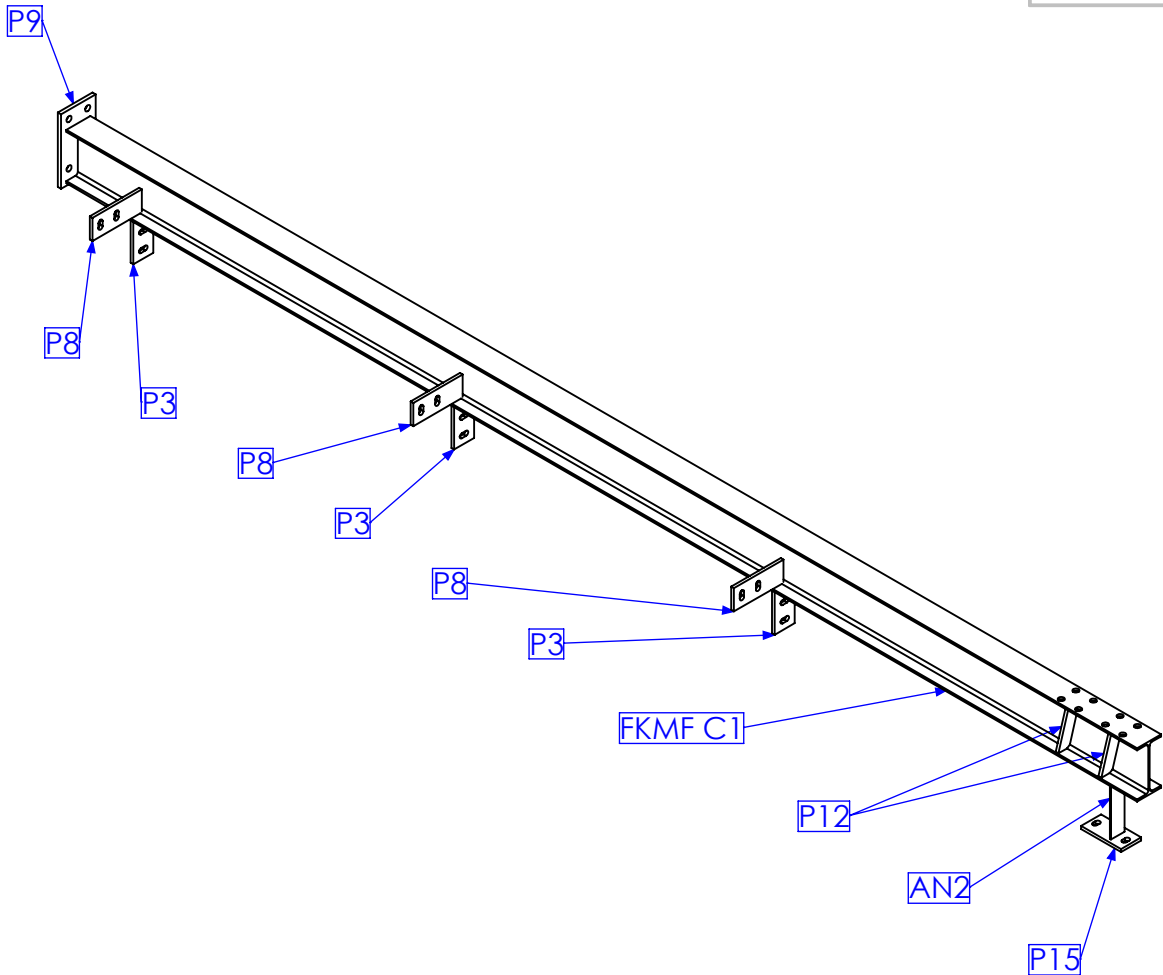
QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO		DESCRIPTION COLUMN FKMF C1A		AS1100 THIRD ANGLE PROJECTION SHEET 2 of 27 REV 03 PURPOSE OF DRAWING FABRICATION
AUSFAB CONSTRUCTIONS 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015		DRAWING No. FKMF C1A						


MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C1	1	180 UB 16.1	4006
P3	3	75x10 FL	145
P8	3	75x10 FL	185
AN2	1	50x50x6 EA	191
P15	1	75x10 FL	150
P12	4	40x10 FL	165.48



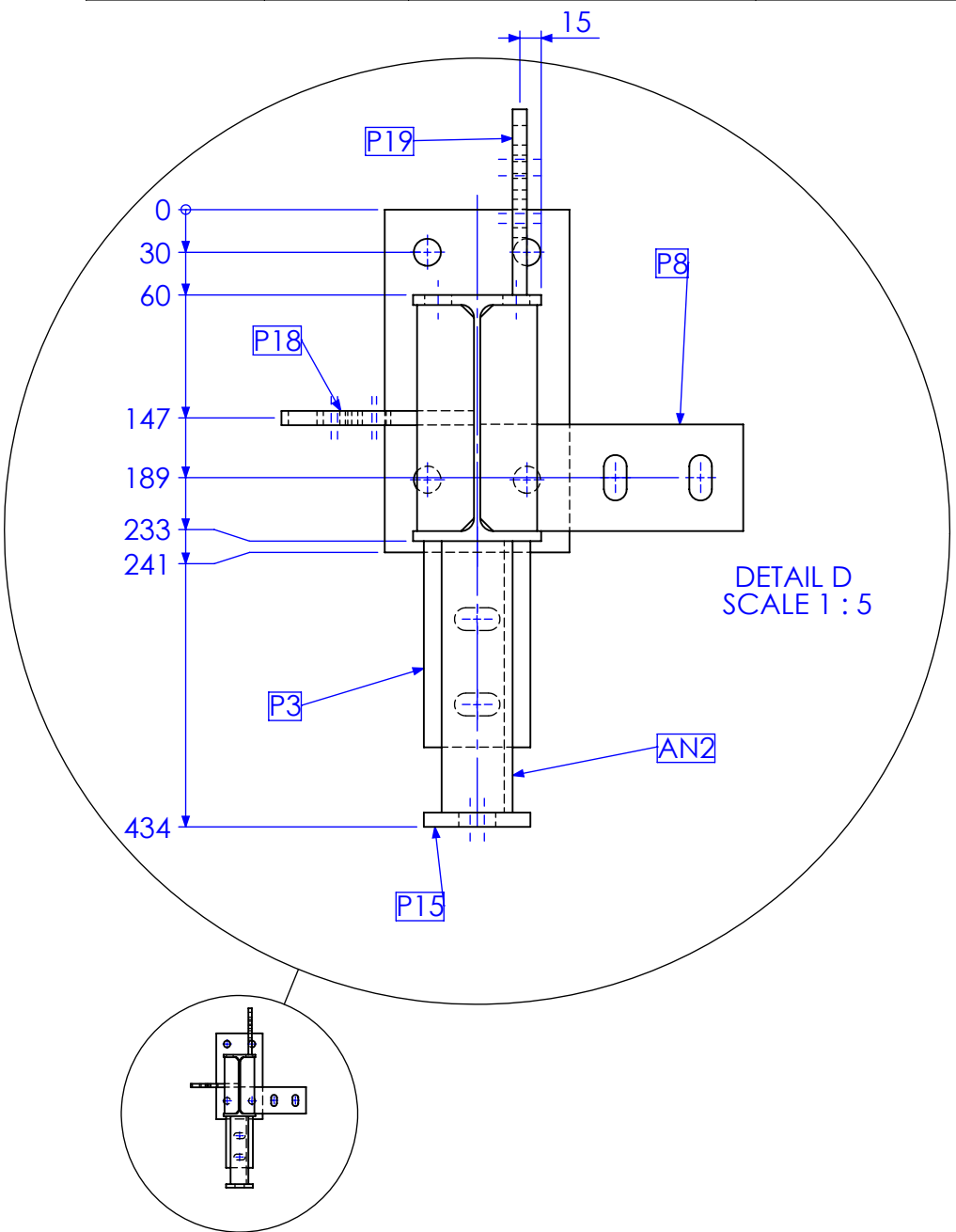
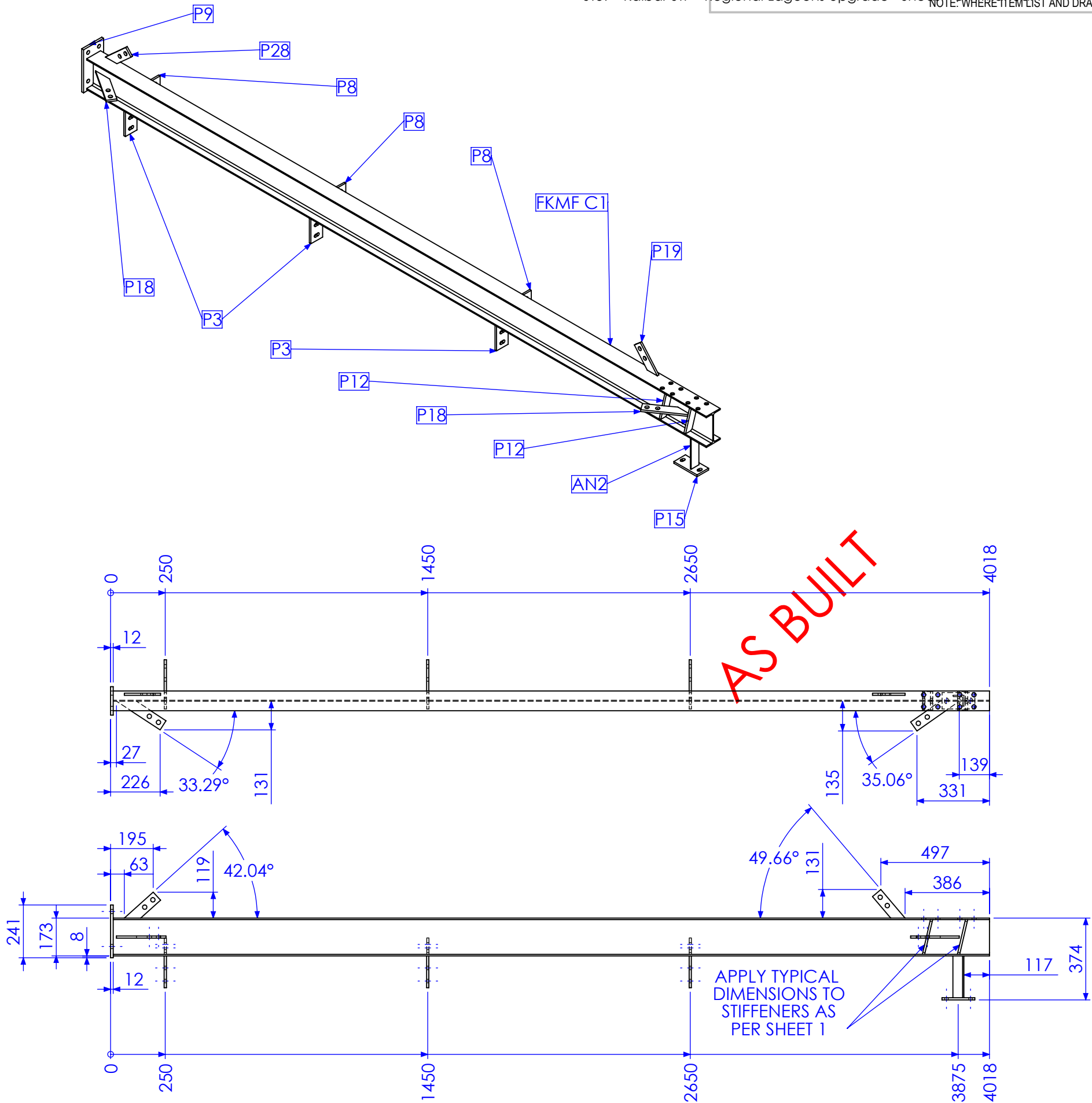
QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248		QTY: 2			
<div>PROPRIETARY NOTICE</div> <div>THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.</div>		<div><div>40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 e 15/05/2015</div></div>		<div>DRAWING NOTES:</div> <div>ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm</div>		<div>SCALE1:20 UNO</div> <div>DRAWNSB21/12/12</div> <div>CHECKEG/DB/NW-</div> <div>APPROVED--</div>		<div>DESCRIPTION</div> <div>COLUMN FKMF C1B</div> <div>DRAWING No. FKMF C1B</div>		<div>AS1100 THIRD ANGLE PROJECTION</div> <div>A3</div> <div>SHEET 3 of 27REV03</div> <div>PURPOSE OF DRAWING Page 29 of 72 FABRICATION</div>	

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C1	1	180 UB 16.1	4006
P3	3	75x10 FL	145
P8	3	75x10 FL	185
P18	2	50x10 FL	235.63
AN2	1	50x50x6 EA	191
P15	1	75x10 FL	150
P19	1	50x10 FL	171.23
P12	4	40x10 FL	165.48
P28	1	50x10 FL	177.73



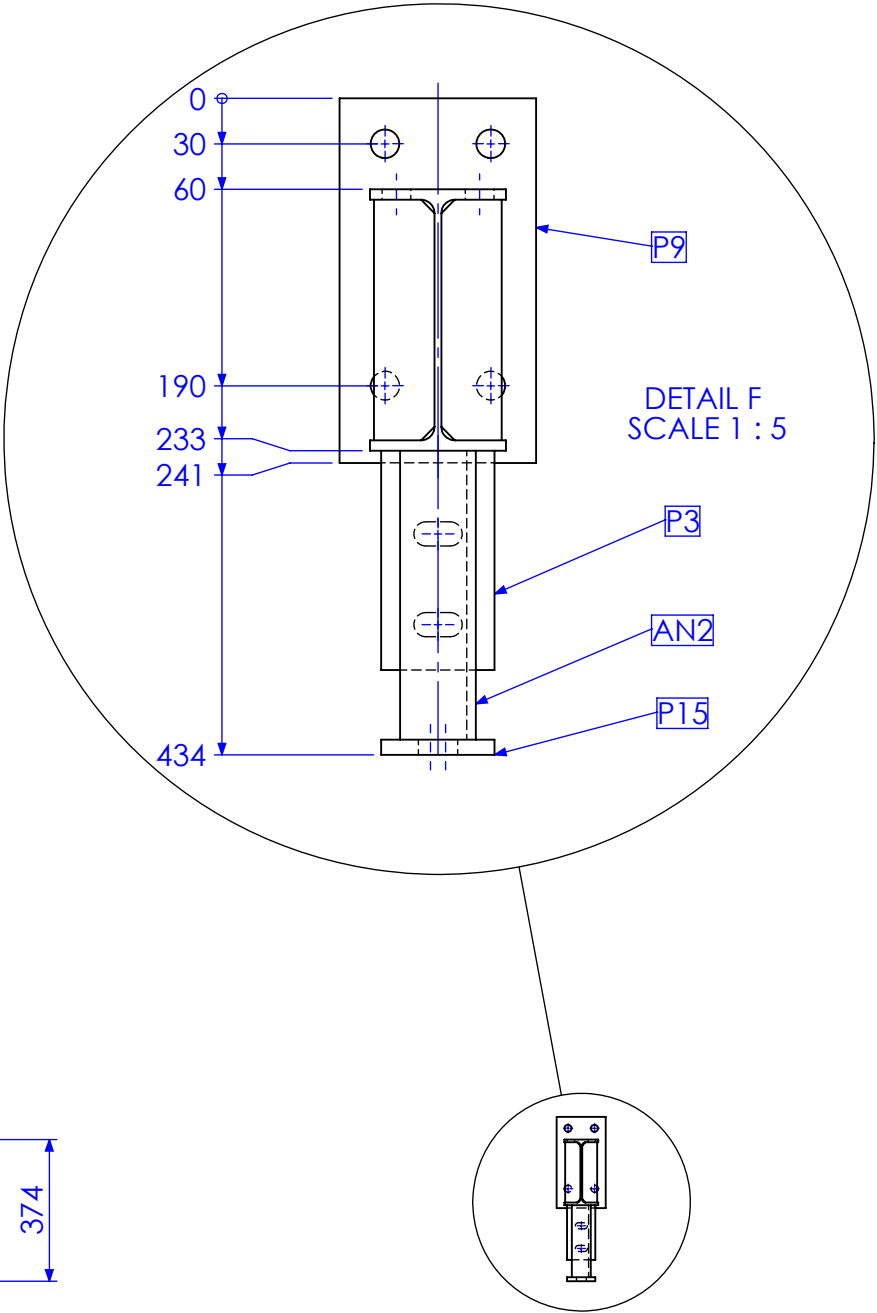
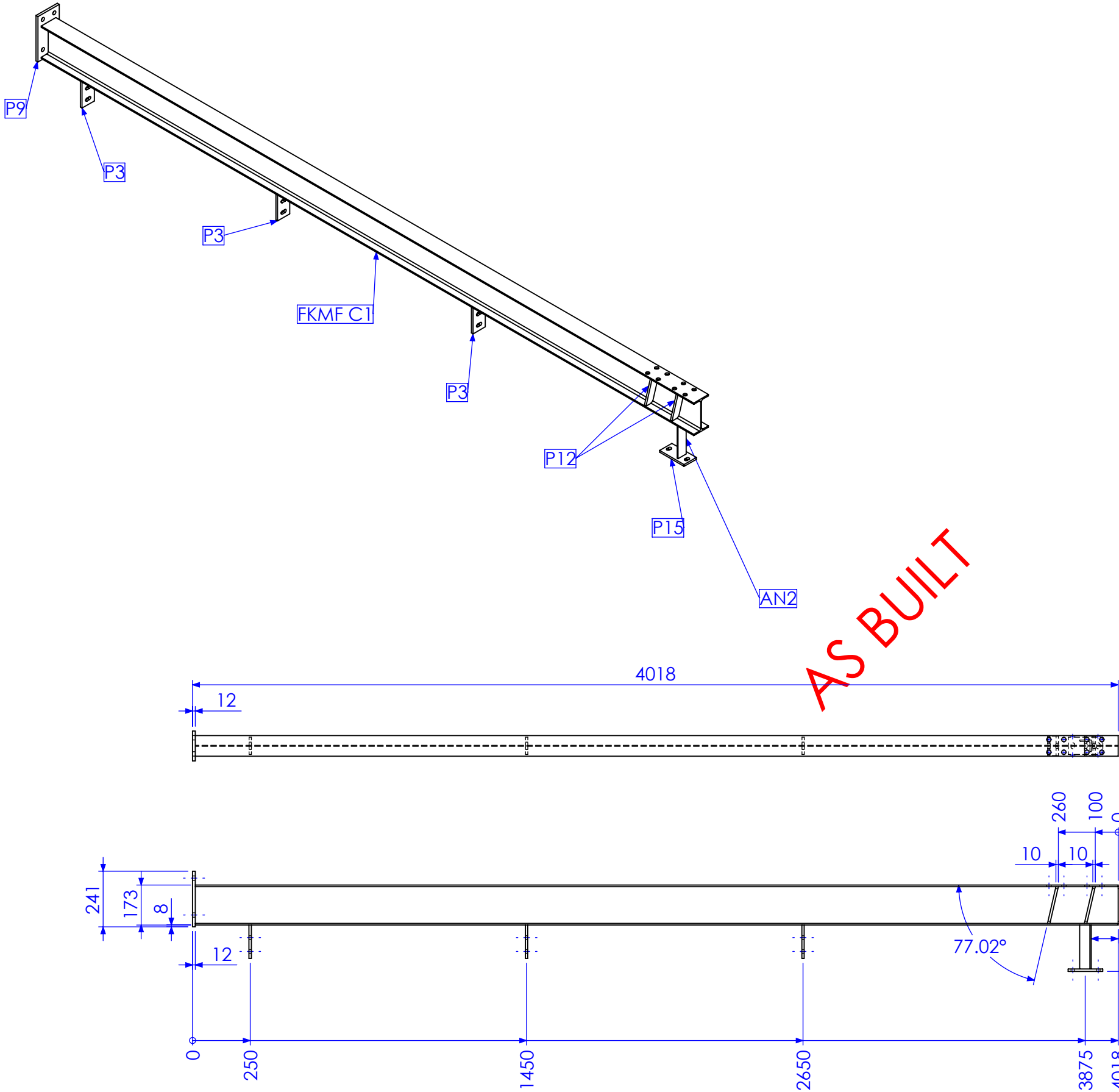
QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO		DESCRIPTION COLUMN FKMF C1C		AS1100 THIRD ANGLE PROJECTION SHEET 4 of 27 REV 03 PURPOSE OF DRAWING FABRICATION
AUSFAB CONSTRUCTIONS 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983		15/05/2015		DRAWN SB 21/12/12		DRAWING No. FKMF C1C		

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C1	1	180 UB 16.1	4006
P3	3	75x10 FL	145
AN2	1	50x50x6 EA	191
P17	1	130x10 FL	150
P12	4	40x10 FL	165.48

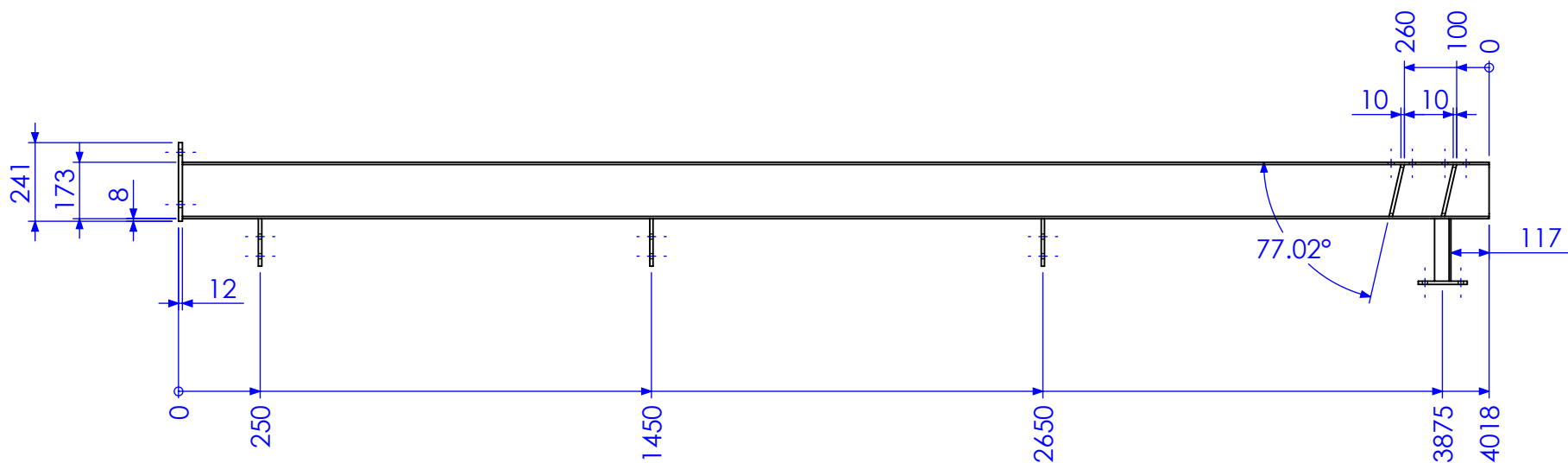
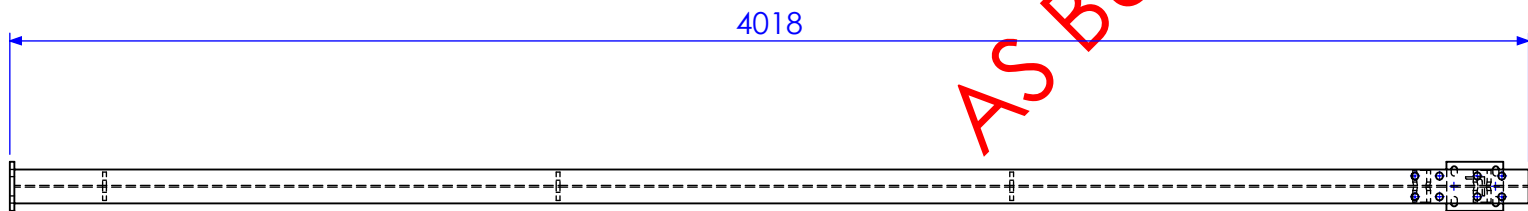
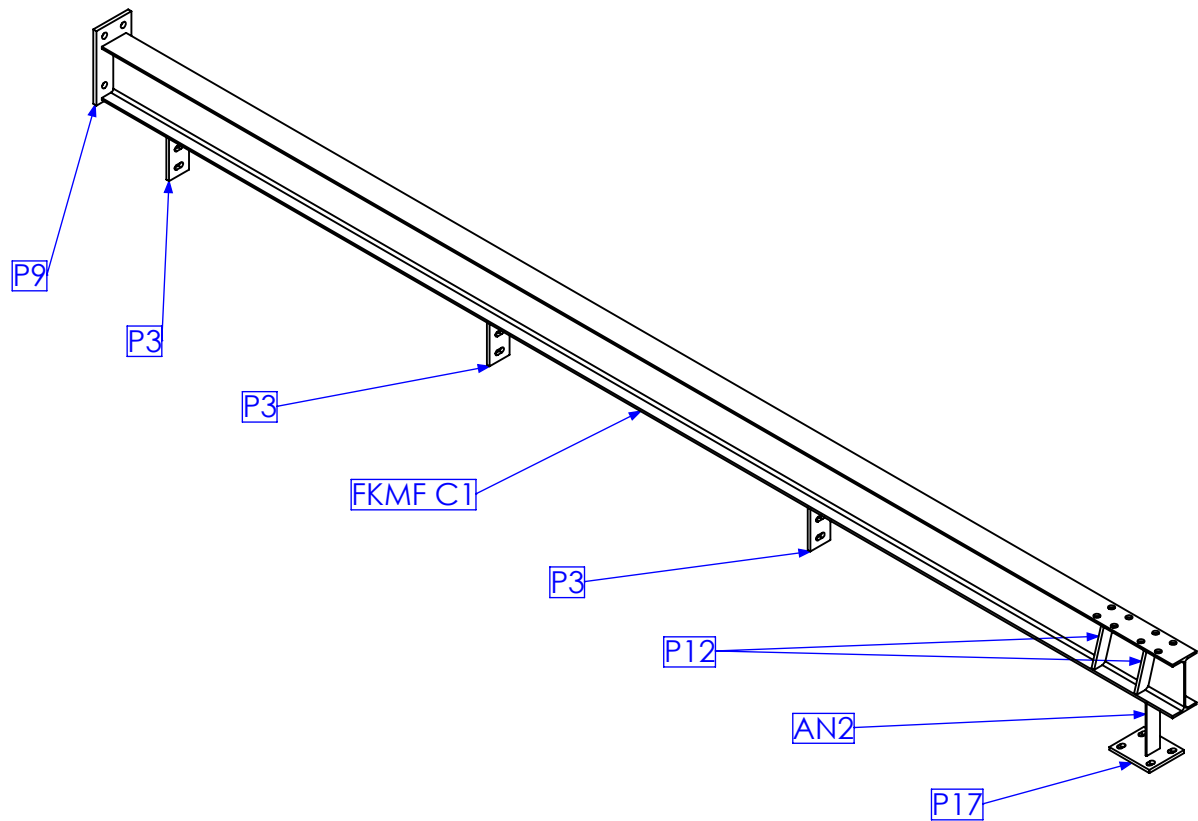


QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

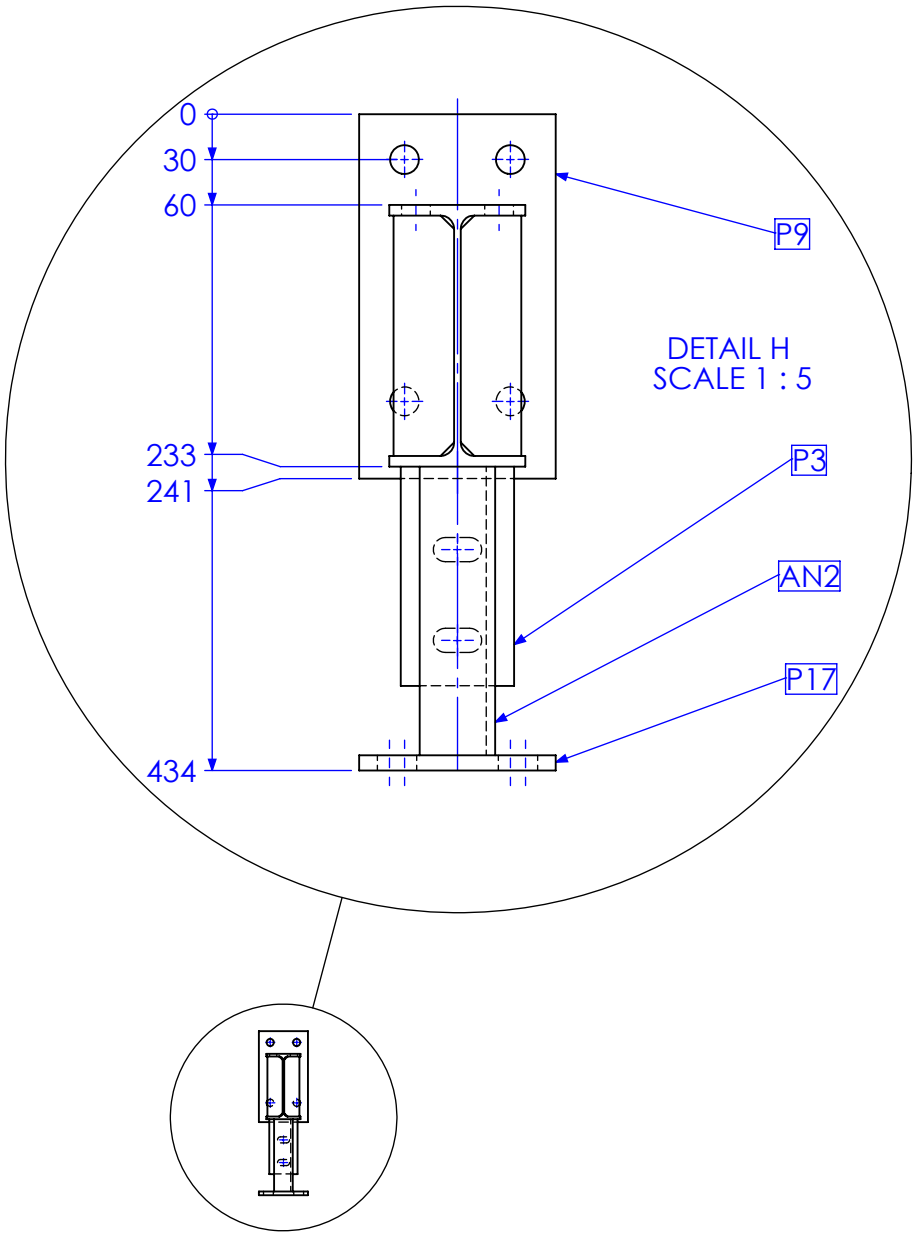
RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO		DESCRIPTION COLUMN FKMF C1D		AS1100 THIRD ANGLE PROJECTION SHEET 5 of 27 REV 03 PURPOSE OF DRAWING FABRICATION
AUSFAB CONSTRUCTIONS 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015		DRAWING No. FKMF C1D		APPROVED		DRAWING No. FKMF C1D		Page 31 of 72




MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C1	1	180 UB 16.1	4006
P3	3	75x10 FL	145
AN2	1	50x50x6 EA	191
P15	1	75x10 FL	150
P18	2	50x10 FL	235.63
P12	4	40x10 FL	165.48

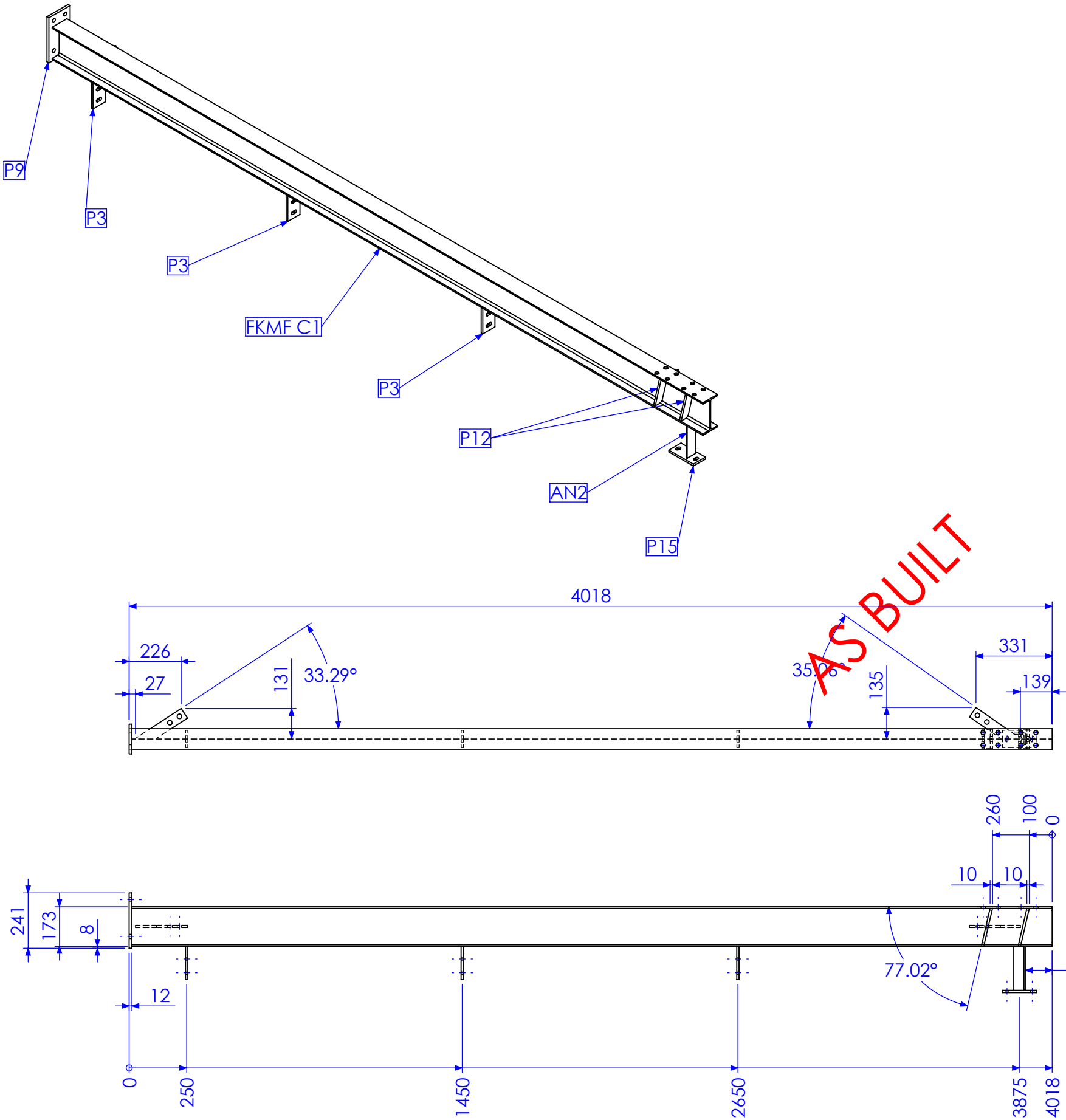


QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

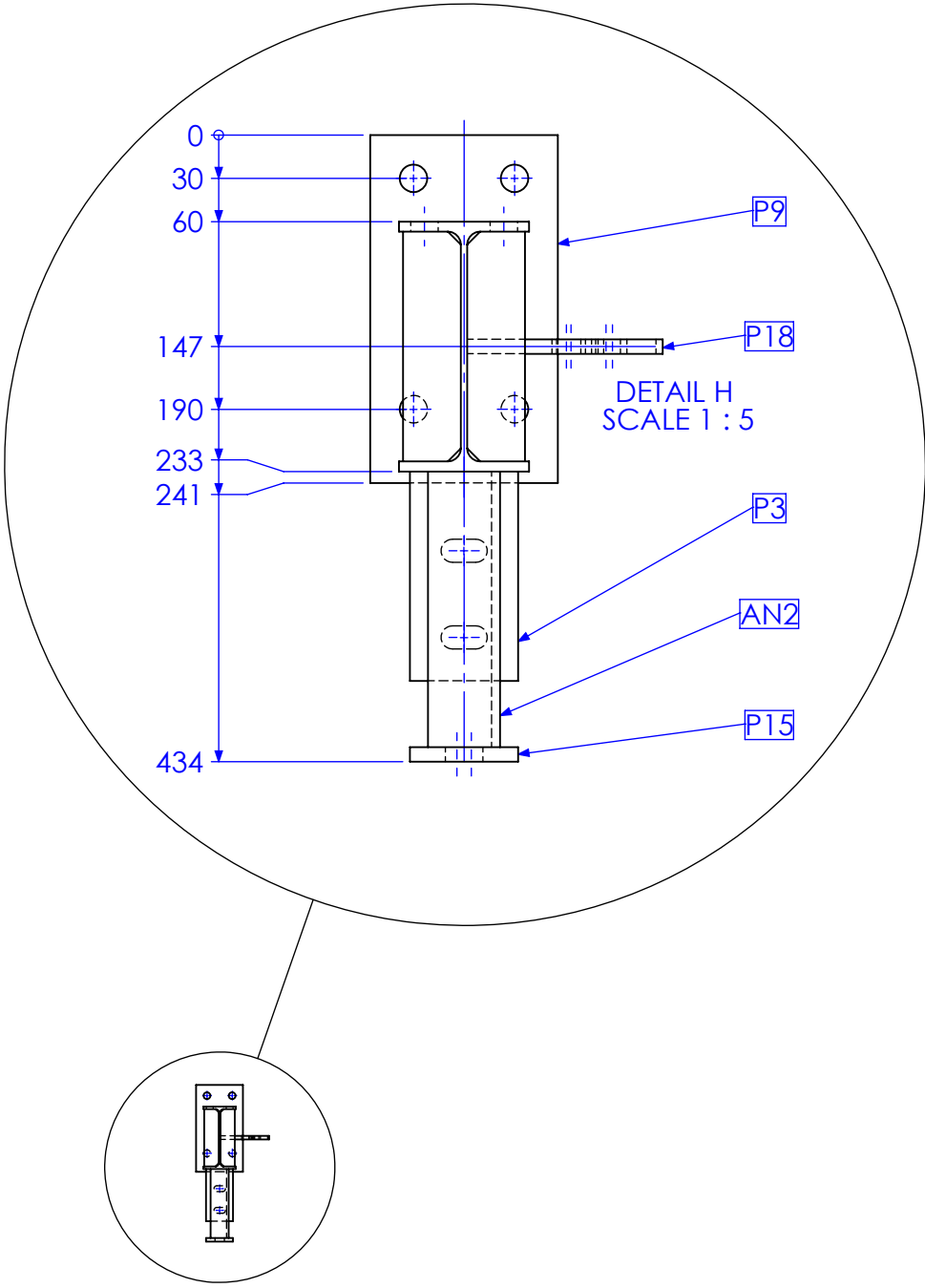
RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248		QTY: 2			
<div>PROPRIETARY NOTICE</div> <div>THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.</div>		<div><div>40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015</div></div>		<div>DRAWING NOTES:</div> <div>ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm</div>		<div>SCALE 1:20 UNO</div> <div>DRAWN SB 21/12/12</div> <div>CHECK EG/DB/NW -</div> <div>APPROVED - -</div>		<div>DESCRIPTION</div> <div>COLUMN FKMF C1E</div> <div>DRAWING No. FKMF C1E</div>		<div>AS1100 THIRD ANGLE PROJECTION</div> <div>A3</div> <div>SHEET 6 of 27 REV 03</div> <div>PURPOSE OF DRAWING FABRICATION</div>	



MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMFC1	1	180 UB 16.1	4006
P3	3	75x10 FL	145
AN2	1	50x50x6 EA	191
P15	1	75x10 FL	150
P18	2	50x10 FL	235.63
P12	4	40x10 FL	165.48

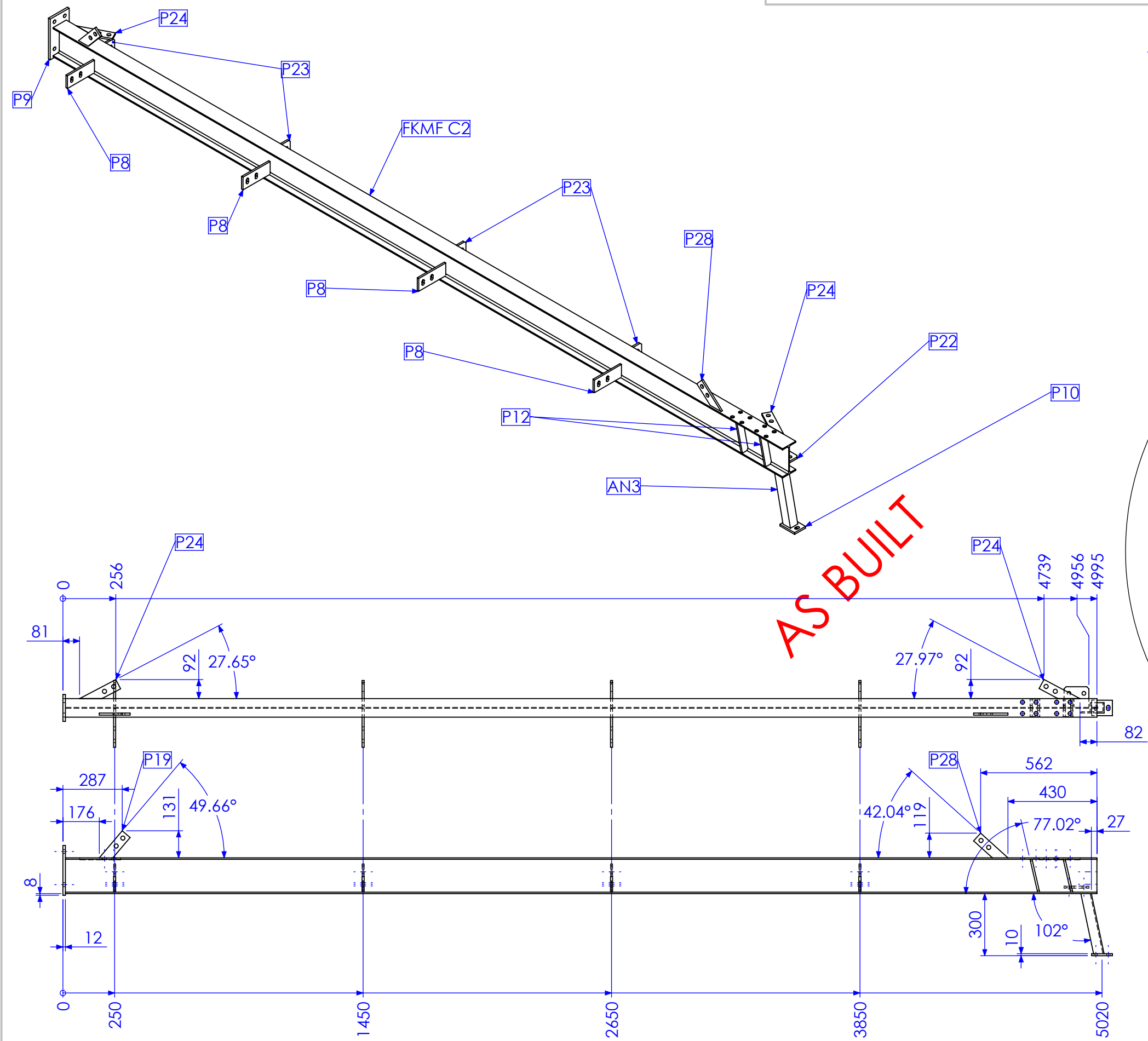


QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

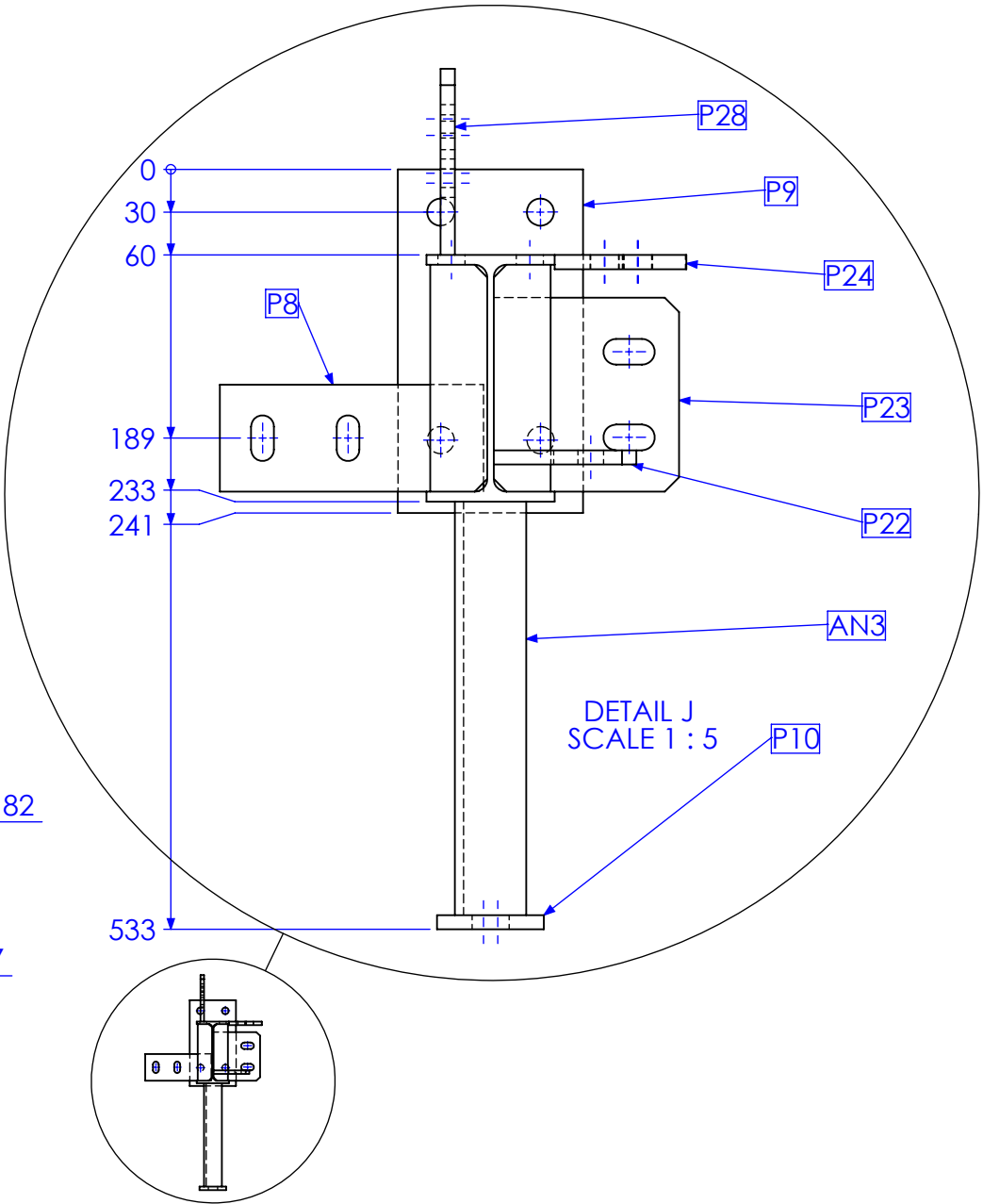
01	INITIAL ISSUE	21/12/2012	SDB
REV	AMMENDMENT	DATE	AMMENDED BY
1	TMS1174		

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)	APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 2
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	AusFAB CONSTRUCTIONS 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015	DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	SCALE 1:20 UNO DRAWN SB 21/12/12 CHECK EG/DB/NW - APPROVED - -	DESCRIPTION COLUMN FKMFC1F DRAWING No. FKMFC1F
				PURPOSE OF DRAWING FABRICATION



TYPE C

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C2	1	180 UB 16.1	4983
AN3	1	50x50x6 EA	307.11
P10	1	75x10 FL	100
P19	1	50x10 FL	171.23
P28	1	50x10 FL	177.73
P8	4	75x10 FL	185
P23	5	130x10 FL	136
P22	1	100x10 FL	120
P24	2	50x10 FL	197.73
P12	4	40x10 FL	165.48



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

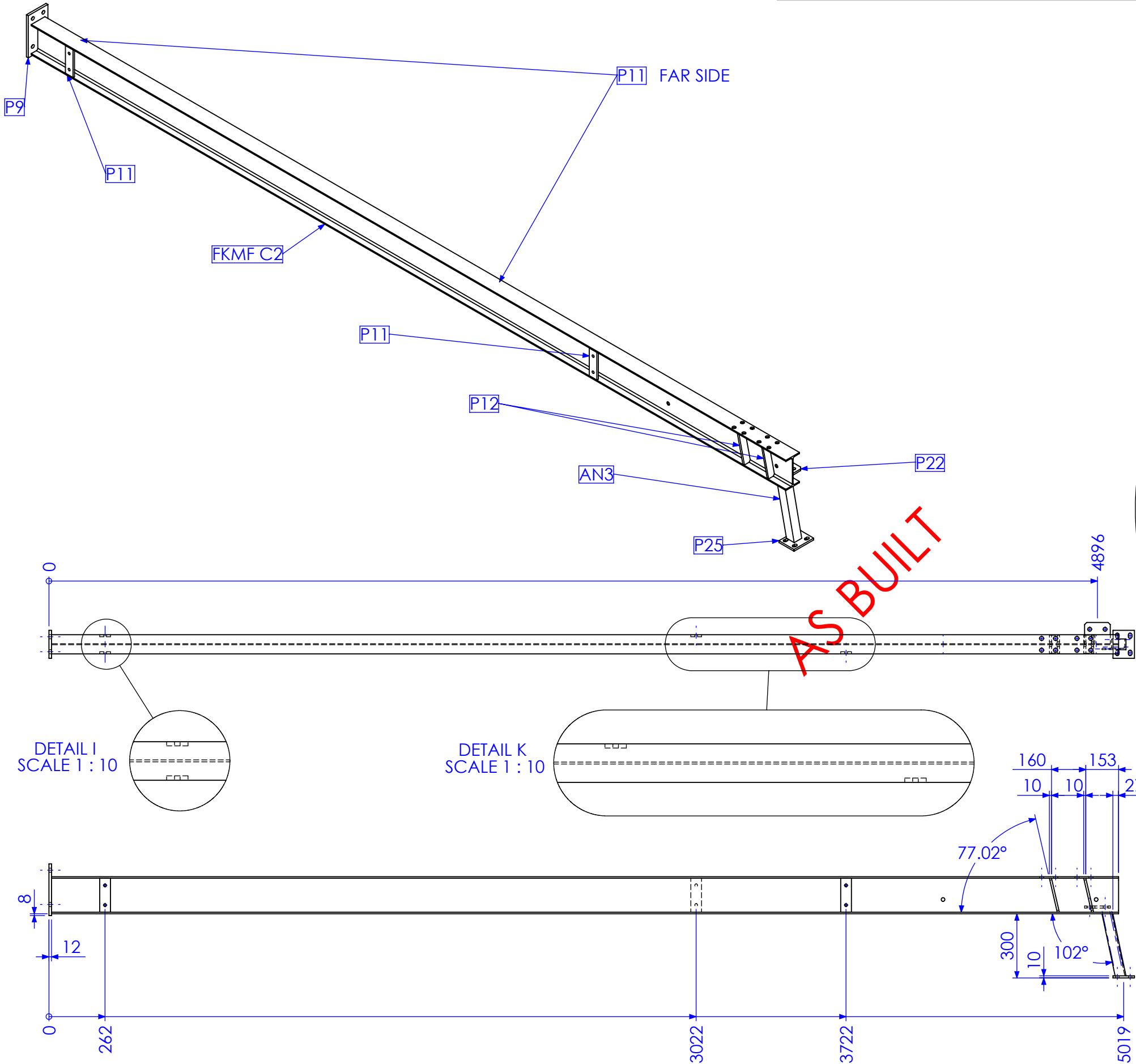
RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

Q-Pulse Id TMS1174

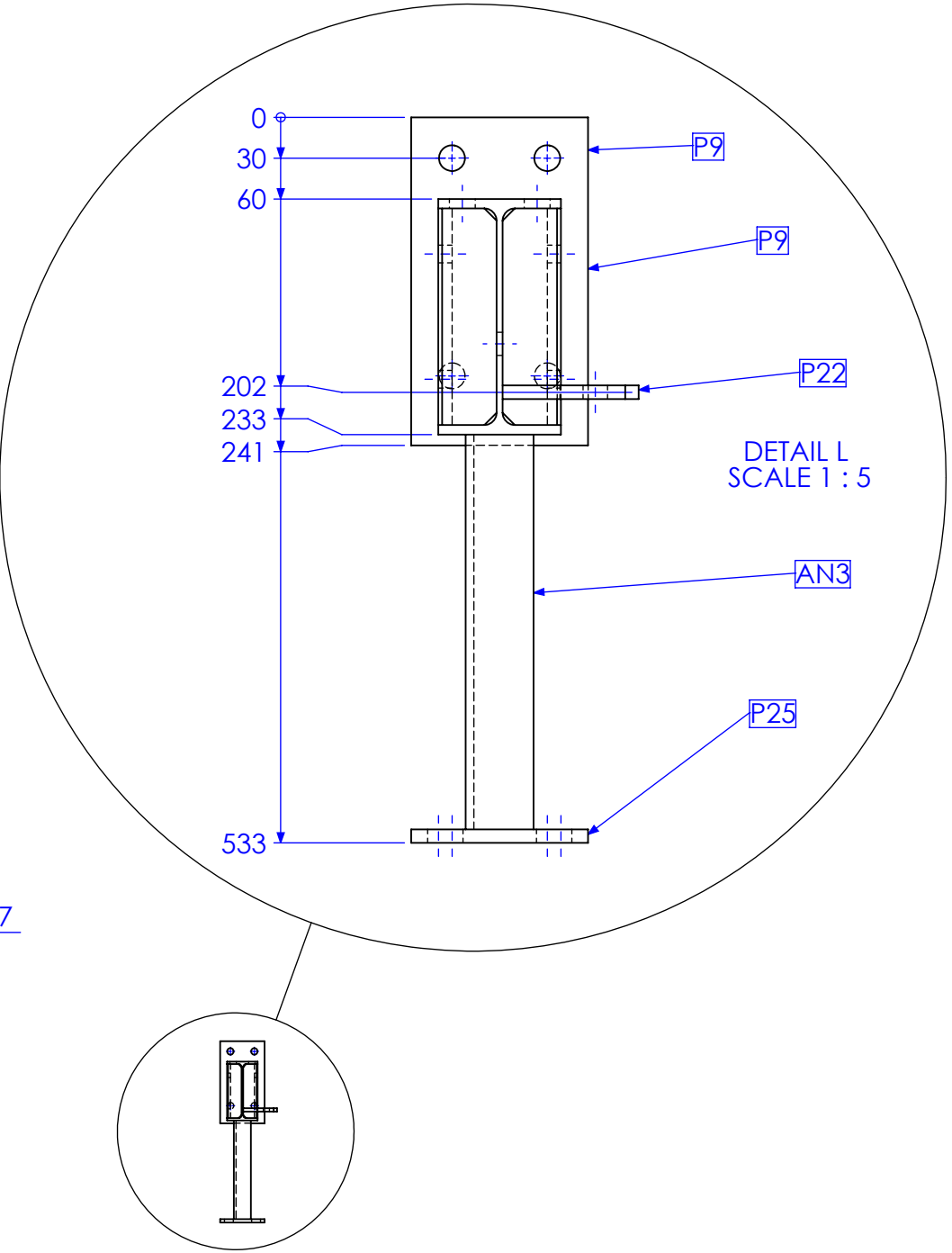
REVISIONS

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO		DESCRIPTION COLUMN FKMF C2A		AS1100 THIRD ANGLE PROJECTION SHEET 8 of 27 REV 03 PURPOSE OF DRAWING FABRICATION
AUSFAB CONSTRUCTIONS 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983		15/05/2015		DRAWN SB 21/12/12		DRAWING No. FKMF C2A		



MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C2	1	180 UB 16.1	4983
P25	1	130x10 FL	100
P22	1	100x10 FL	120
AN3	1	50x50x6 EA	307.11
P11	4	50x10 FL	159
P12	4	40x10 FL	165.48

TYPE A

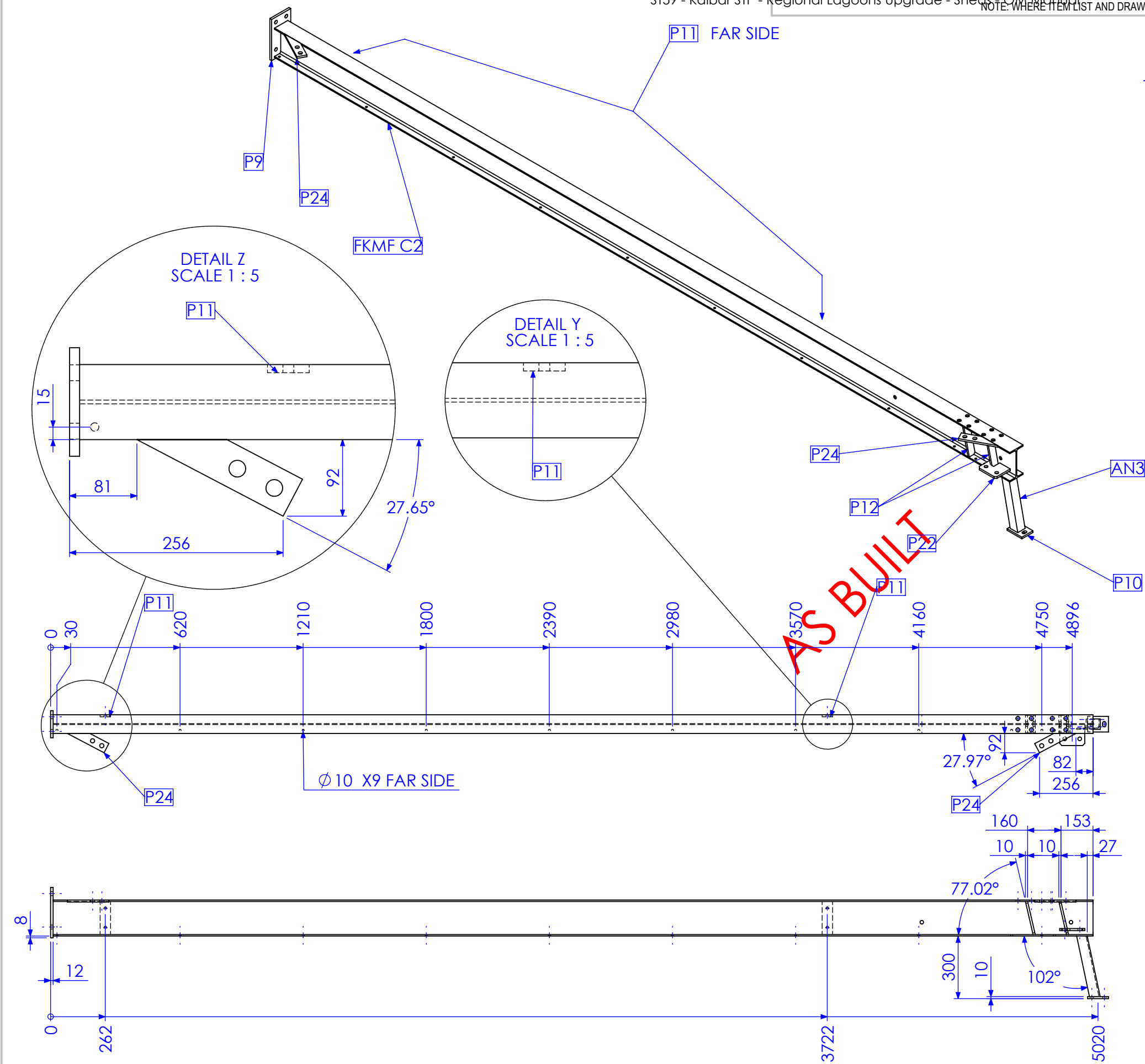


QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

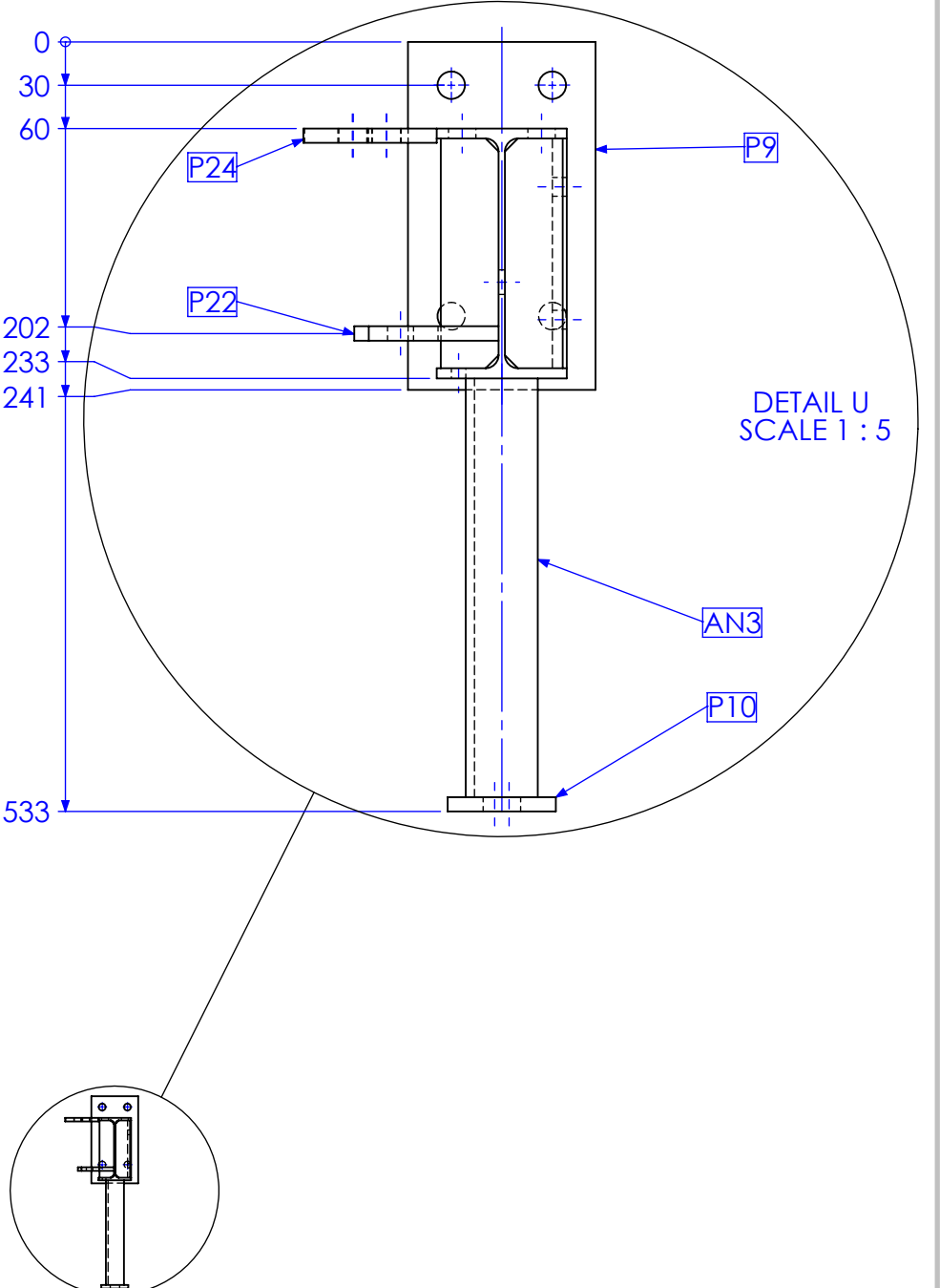
REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO		DESCRIPTION COLUMN FKMF C2C		AS1100 THIRD ANGLE PROJECTION SHEET 9 of 27 REV 03 PURPOSE OF DRAWING FABRICATION
AUSFAB CONSTRUCTIONS 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015		DRAWING No. FKMF C2C						



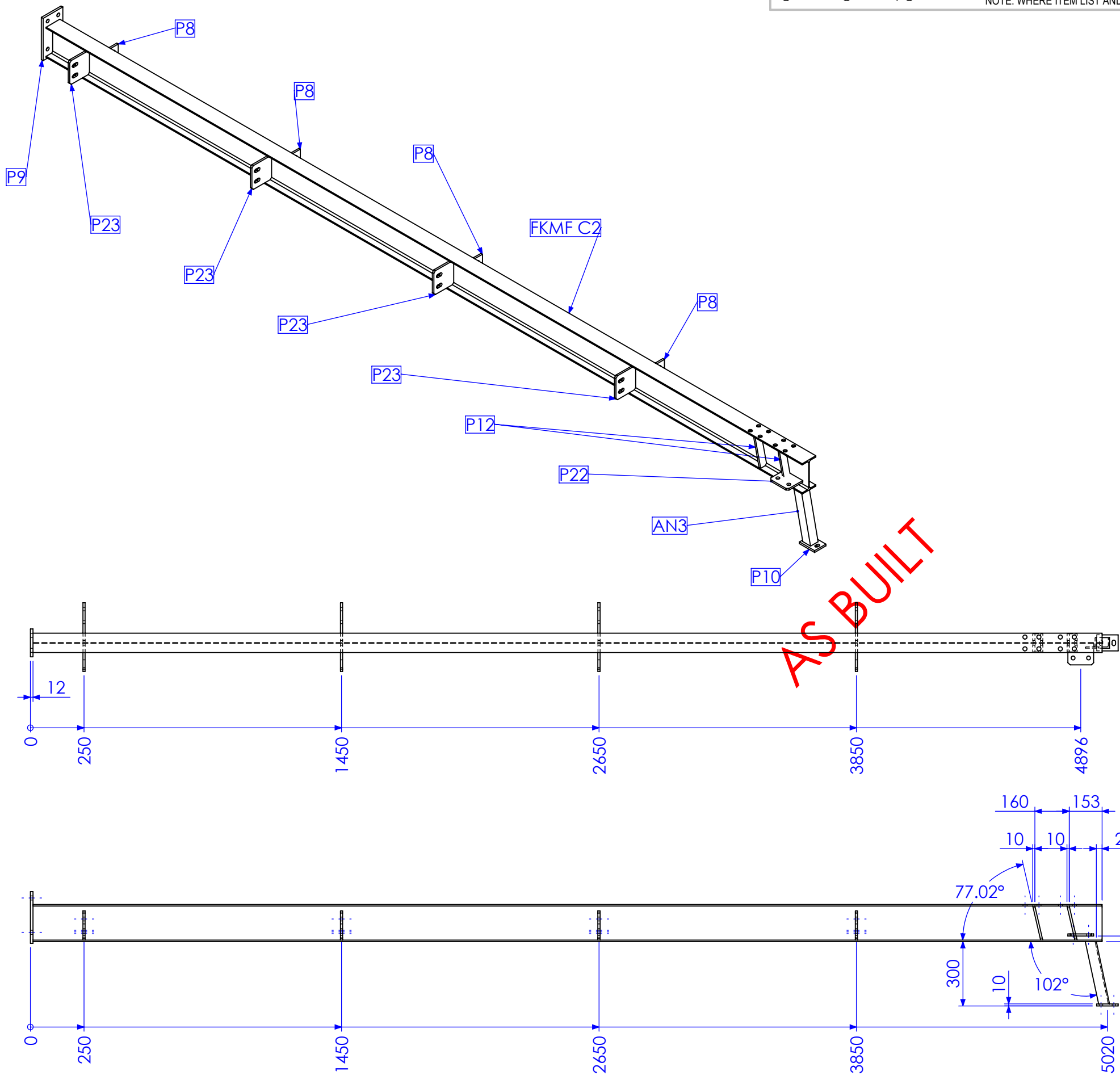
TYPE B

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C2	1	180 UB 16.1	4983
AN3	1	50x50x6 EA	307.11
P10	1	75x10 FL	100
P22	1	100x10 FL	120
P24	2	50x10 FL	197.73
P11	2	50x10 FL	159
P12	4	40x10 FL	165.48



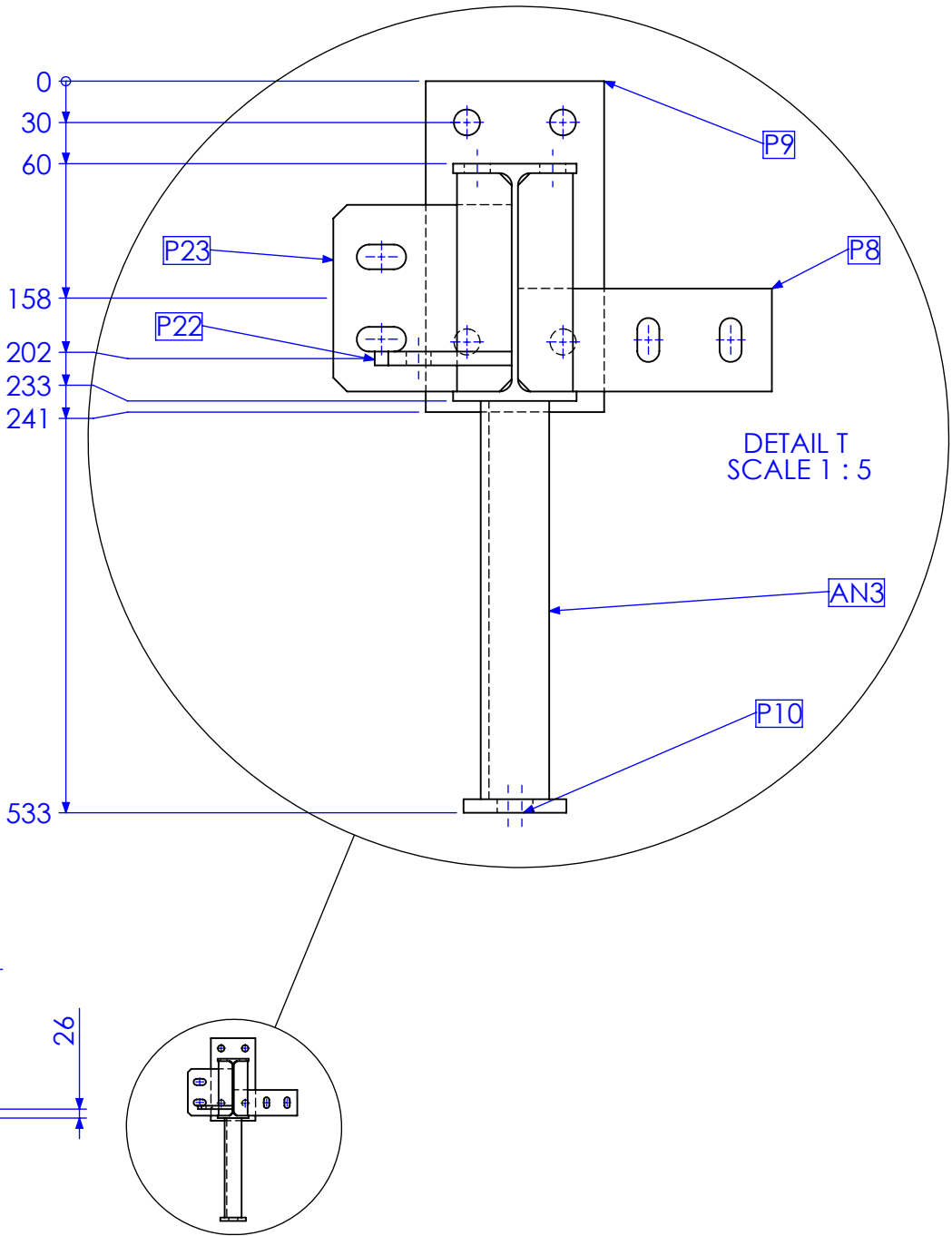
REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	15/05/2015	SDB

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248		QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO		DESCRIPTION COLUMN FKMFC2D		AS1100 THIRD ANGLE PROJECTION SHEET 10 of 27 REV 03 PURPOSE OF DRAWING FABRICATION	
40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983		15/05/2015		DRAWING No. FKMF C2D					



TYPE C

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C2	1	180 UB 16.1	4983
P8	4	75x10 FL	185
AN3	1	50x50x6 EA	307.11
P10	1	75x10 FL	100
P22	1	100x10 FL	120
P23	4	130x10 FL	136
P12	4	40x10 FL	165.48



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

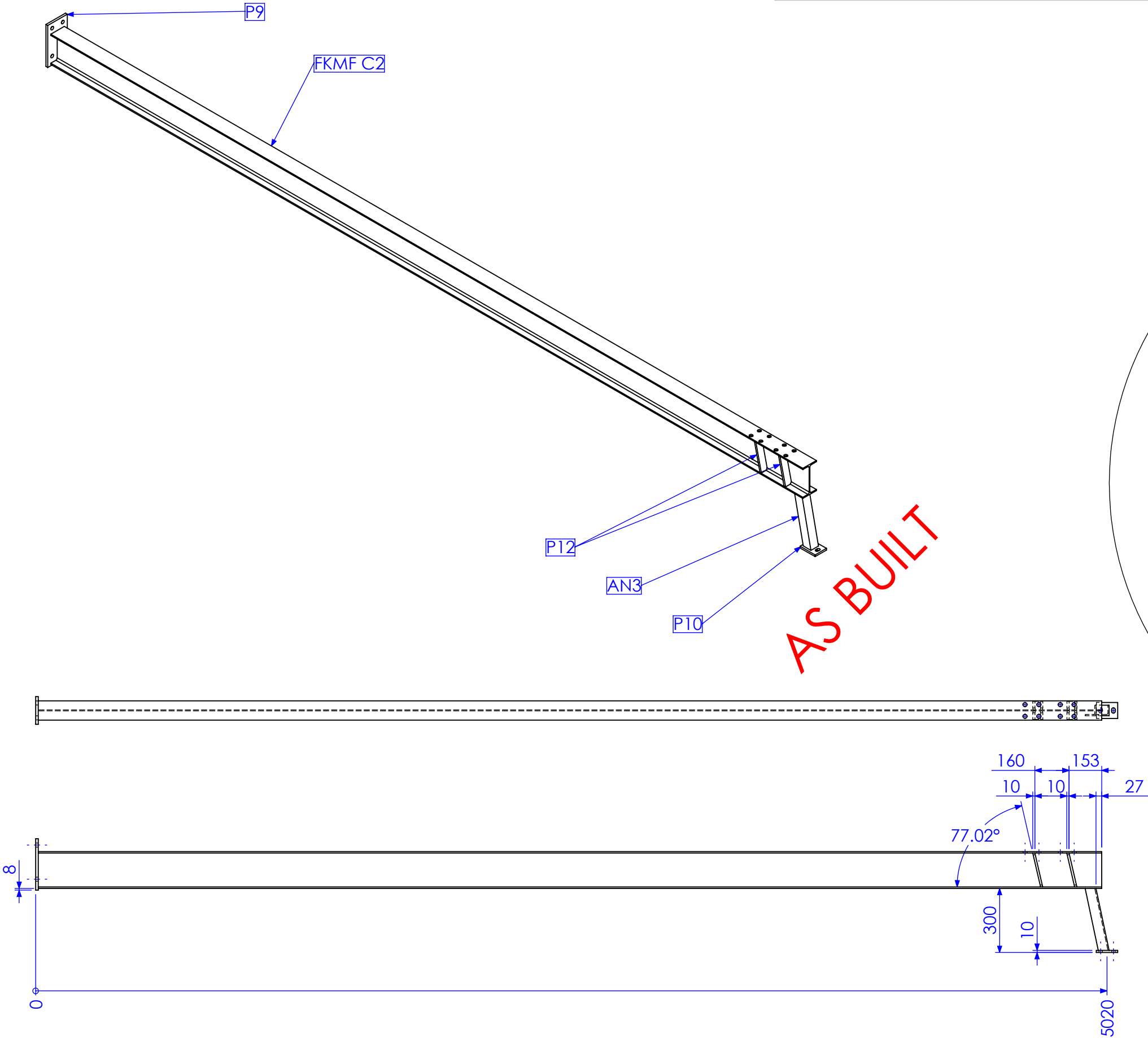
RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS-	HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)	APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 2
PROPRIETARY NOTICE	AUSFAB CONSTRUCTIONS	DRAWING NOTES:	SCALE 1:20 UNO	DESCRIPTION	AS1100 THIRD ANGLE PROJECTION A3
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983	ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	DRAWN SB 21/12/12	COLUMN FKMF C2E	SHEET 11 of 27 REV 03
			CHECK EG/DB/NW -	DRAWING No. FKMF C2E	PURPOSE OF DRAWING FABRICATION
			APPROVED - -		

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C2	1	180 UB 16.1	4983
AN3	1	50x50x6 EA	307.11
P10	1	75x10 FL	100
P12	4	40x10 FL	165.48

TYPE C



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

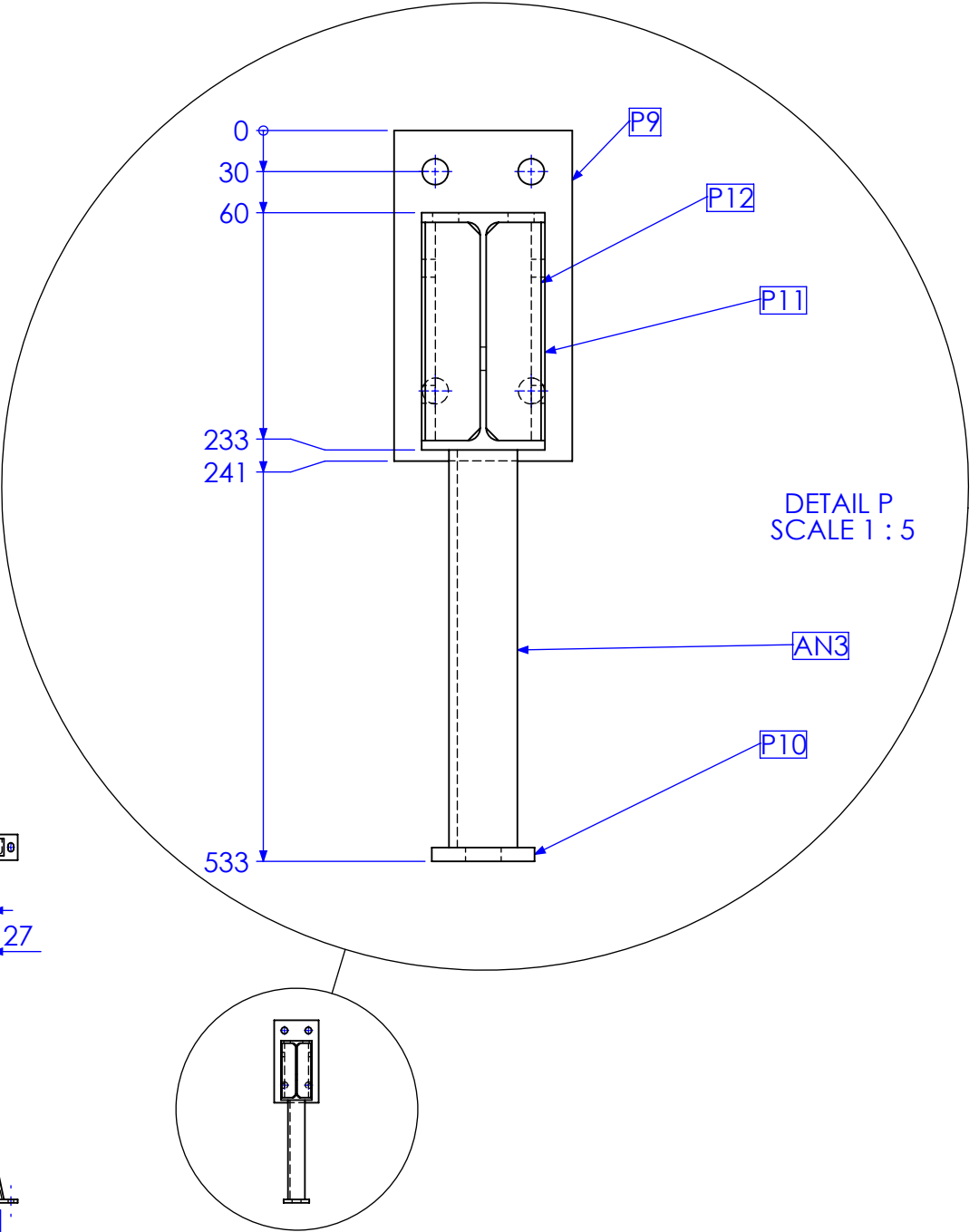
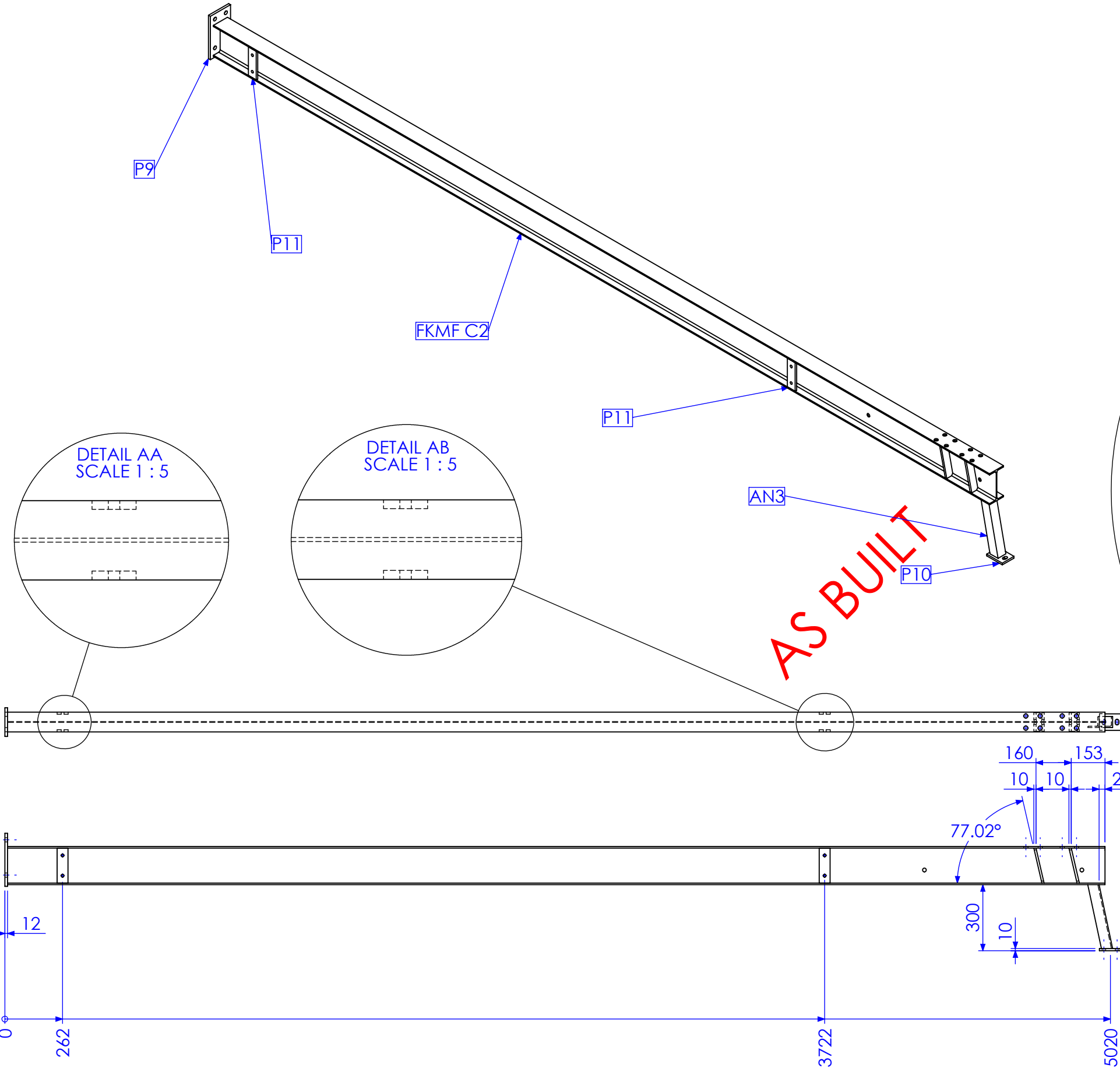
RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

FINISH REQUIREMENTS-	HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)	APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 2
PROPRIETARY NOTICE	AusFAB CONSTRUCTIONS	DRAWING NOTES:	SCALE 1:20 UNO	DESCRIPTION	AS1100 THIRD ANGLE PROJECTION A3
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983	ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	DRAWN SB 21/12/12	COLUMN FKMF C2G	SHEET 12 of 27 REV 03
			CHECK EG/DB/NW -	DRAWING No. FKMF C2G	PURPOSE OF DRAWING FABRICATION
			APPROVED - -		

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKMF C2	1	180 UB 16.1	4983
AN3	1	50x50x6 EA	307.11
P10	1	75x10 FL	100
P11	4	50x10 FL	159
P12	4	40x10 FL	165.48

TYPE A



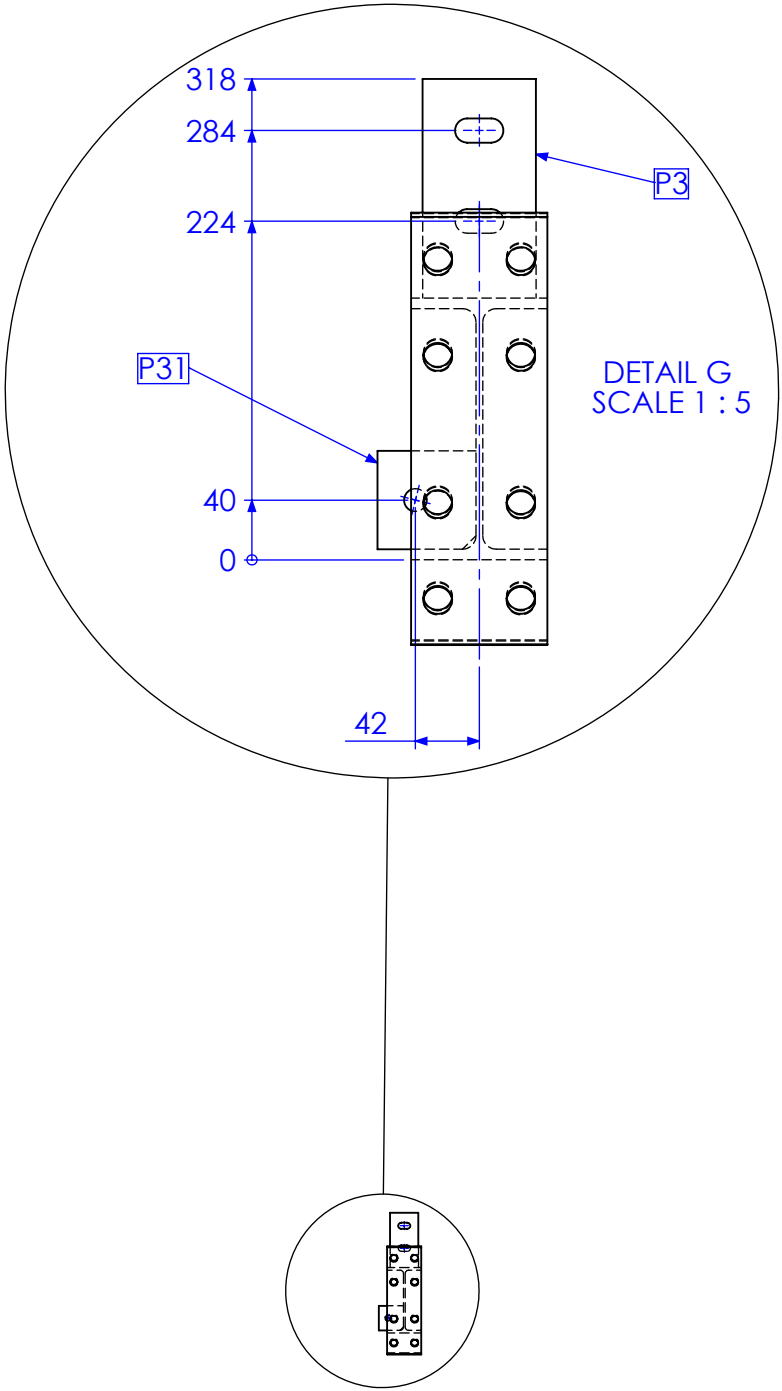
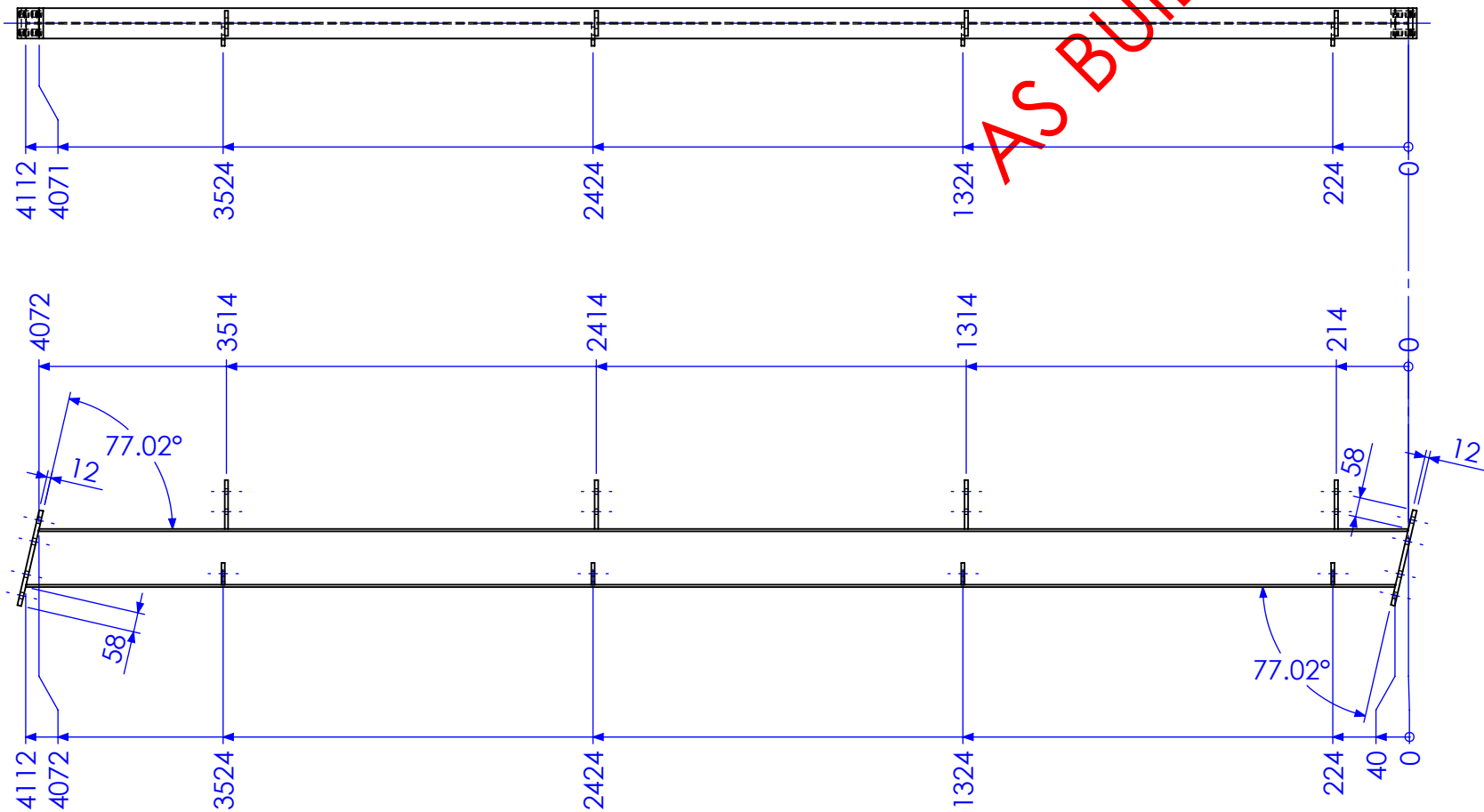
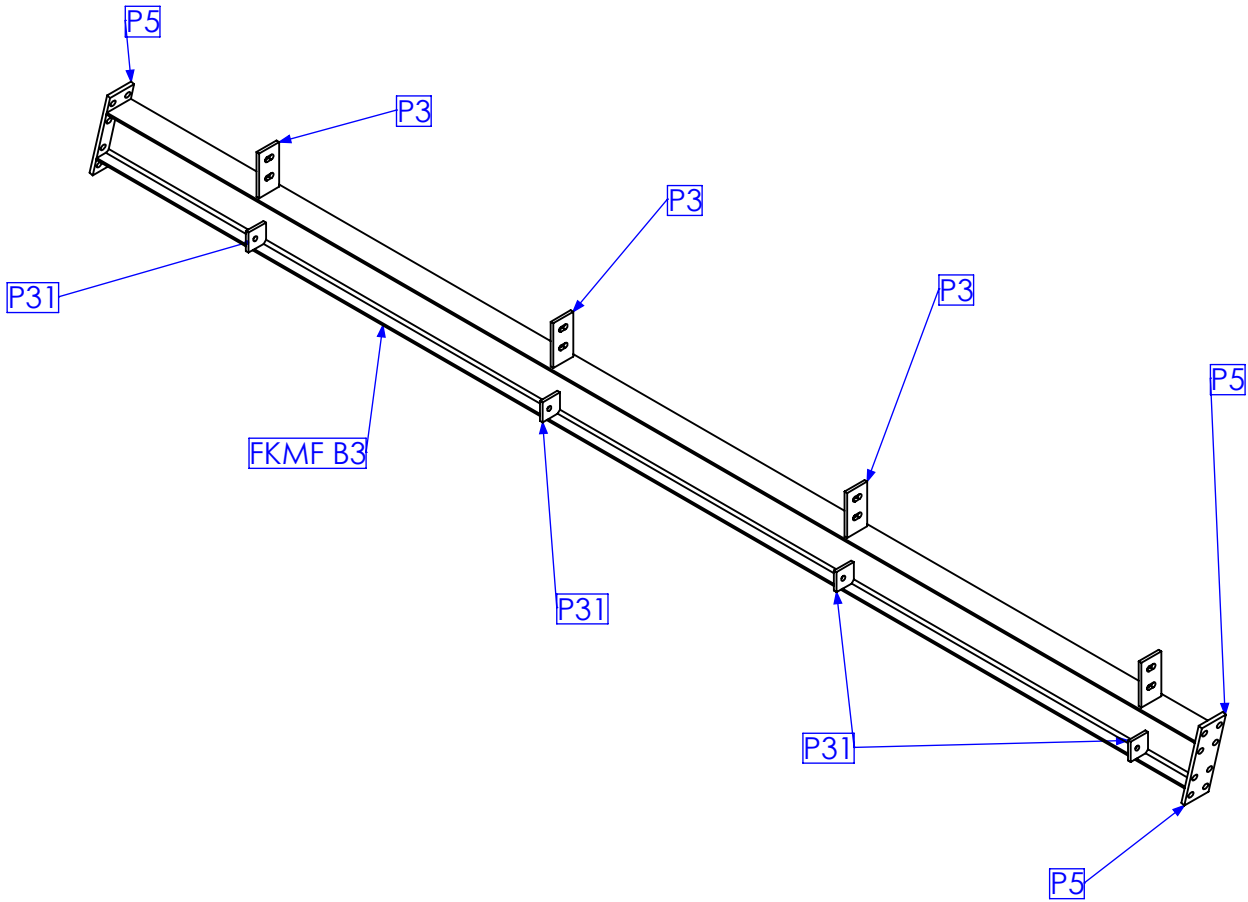
QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO		DESCRIPTION COLUMN FKMF C2J		AS1100 THIRD ANGLE PROJECTION SHEET 13 of 27 REV 03 PURPOSE OF DRAWING FABRICATION
AUSFAB CONSTRUCTIONS 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015		DRAWING No. FKMF C2J		DRAWING No. FKMF C2J		DRAWING No. FKMF C2J		

MARK NO.	QTY.	DESCRIPTION	LENGTH
P5	2	90x12 FL	290
FKMF B3	1	180 UB 16.1	4111.95
P3	4	75x10 FL	145
P31	4	65x10 FL	65

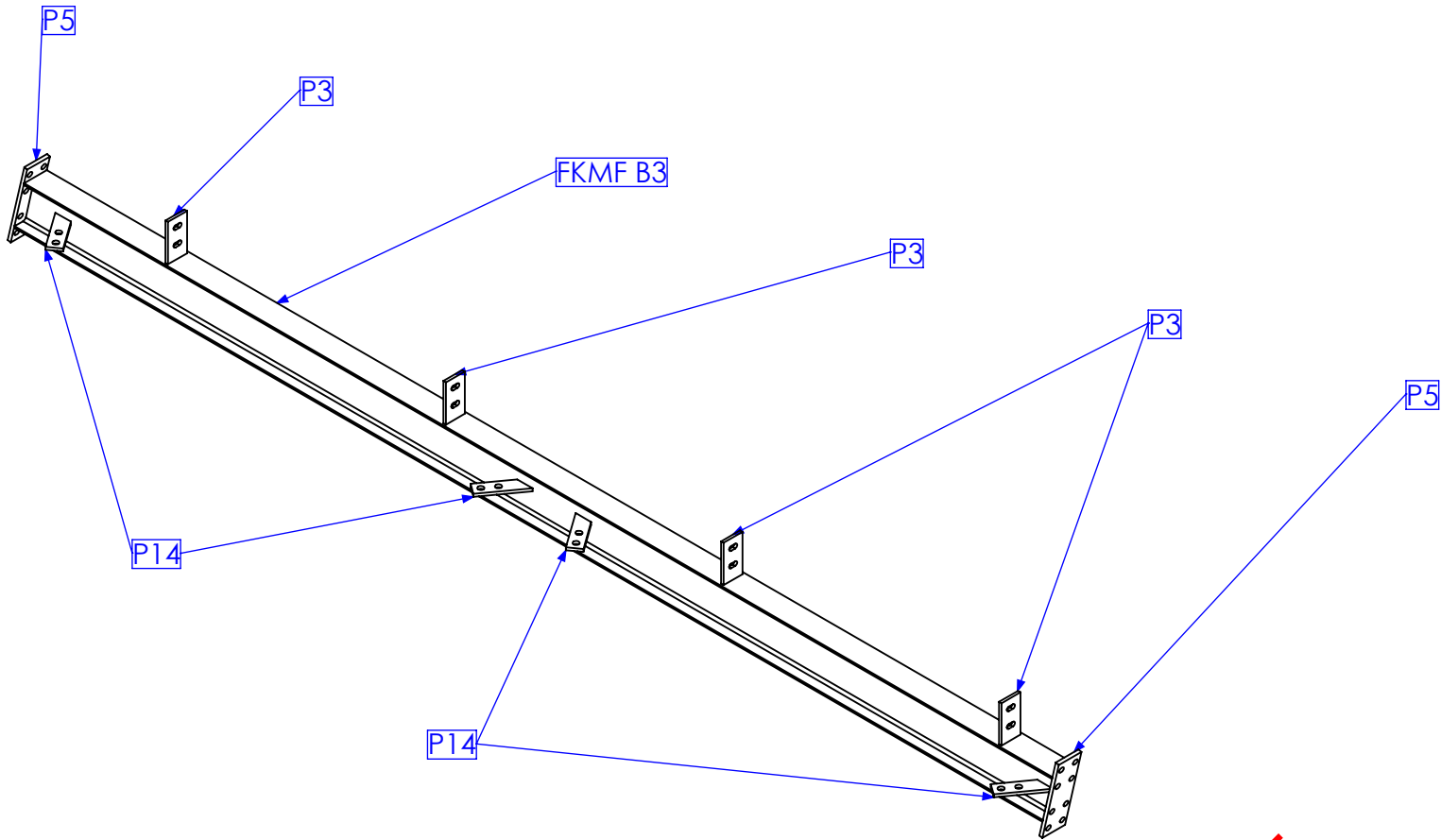


QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

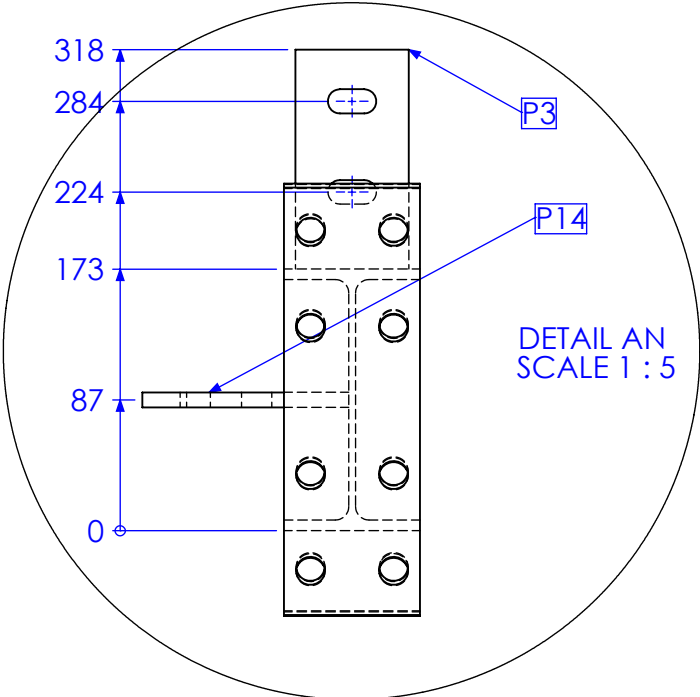
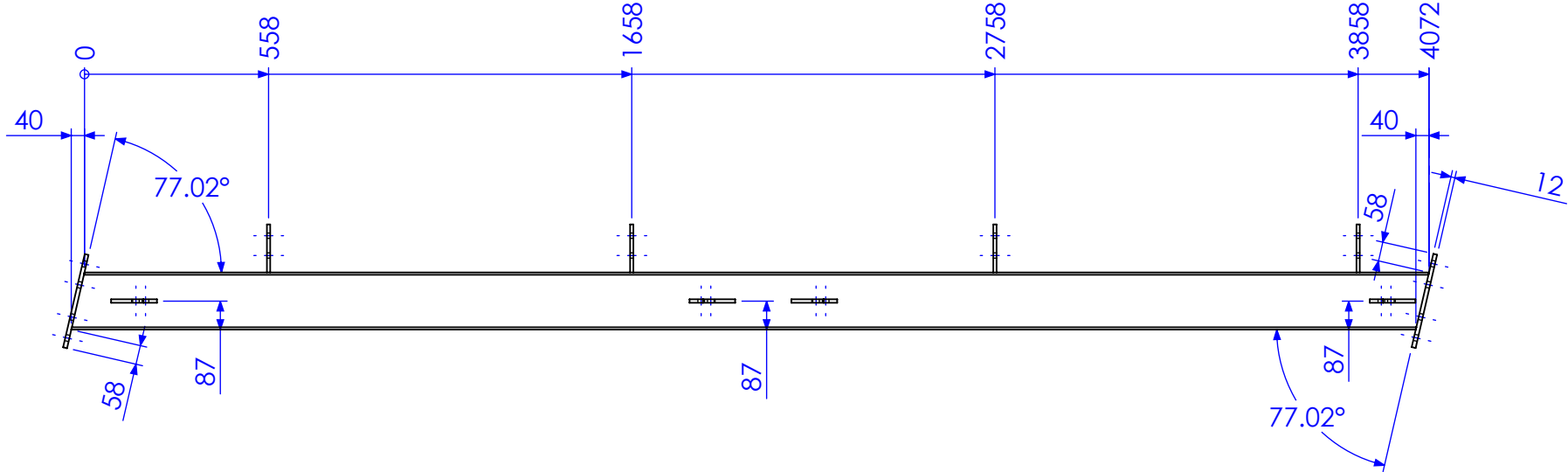
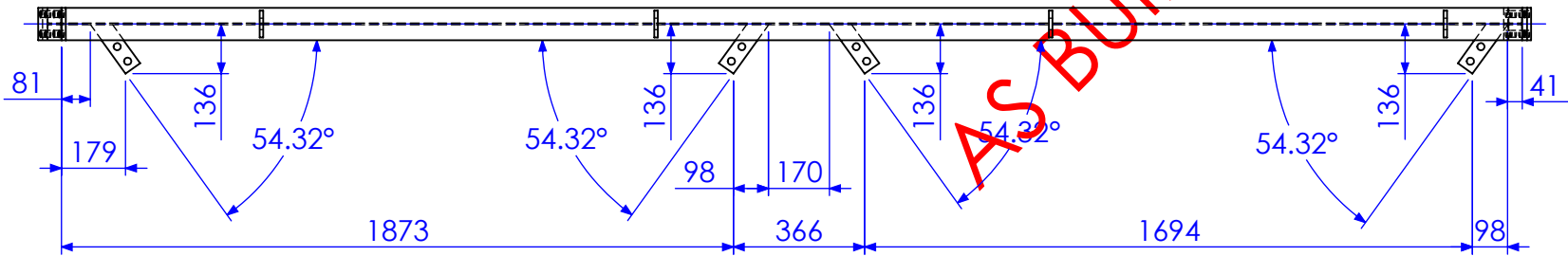
RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		AUSFAB CONSTRUCTIONS 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO DRAWN SB 21/12/12 CHECK EG/DB/NW - APPROVED - -		DESCRIPTION BEAM FKMF 3A DRAWING No. FKMF B3A
AS1100 THIRD ANGLE PROJECTION		SHEET 14 of 27		REV 03		PURPOSE OF DRAWING FABRICATION		




MARK NO.	QTY.	DESCRIPTION	LENGTH
P5	2	90x12 FL	290
FKMF B3	1	180 UB 16.1	4111.95
P3	4	75x10 FL	145
P14	4	50x10 FL	167.95

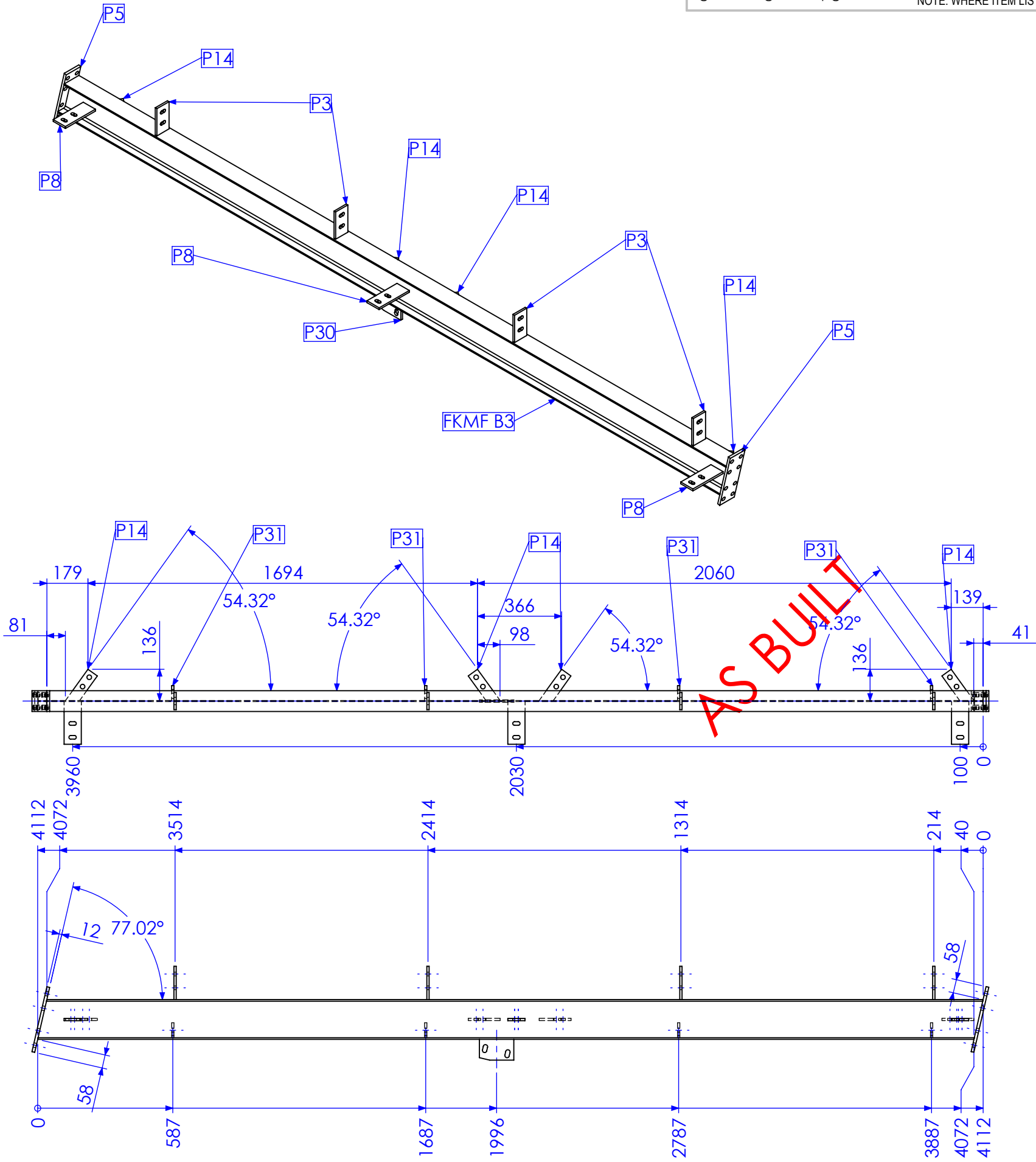


QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

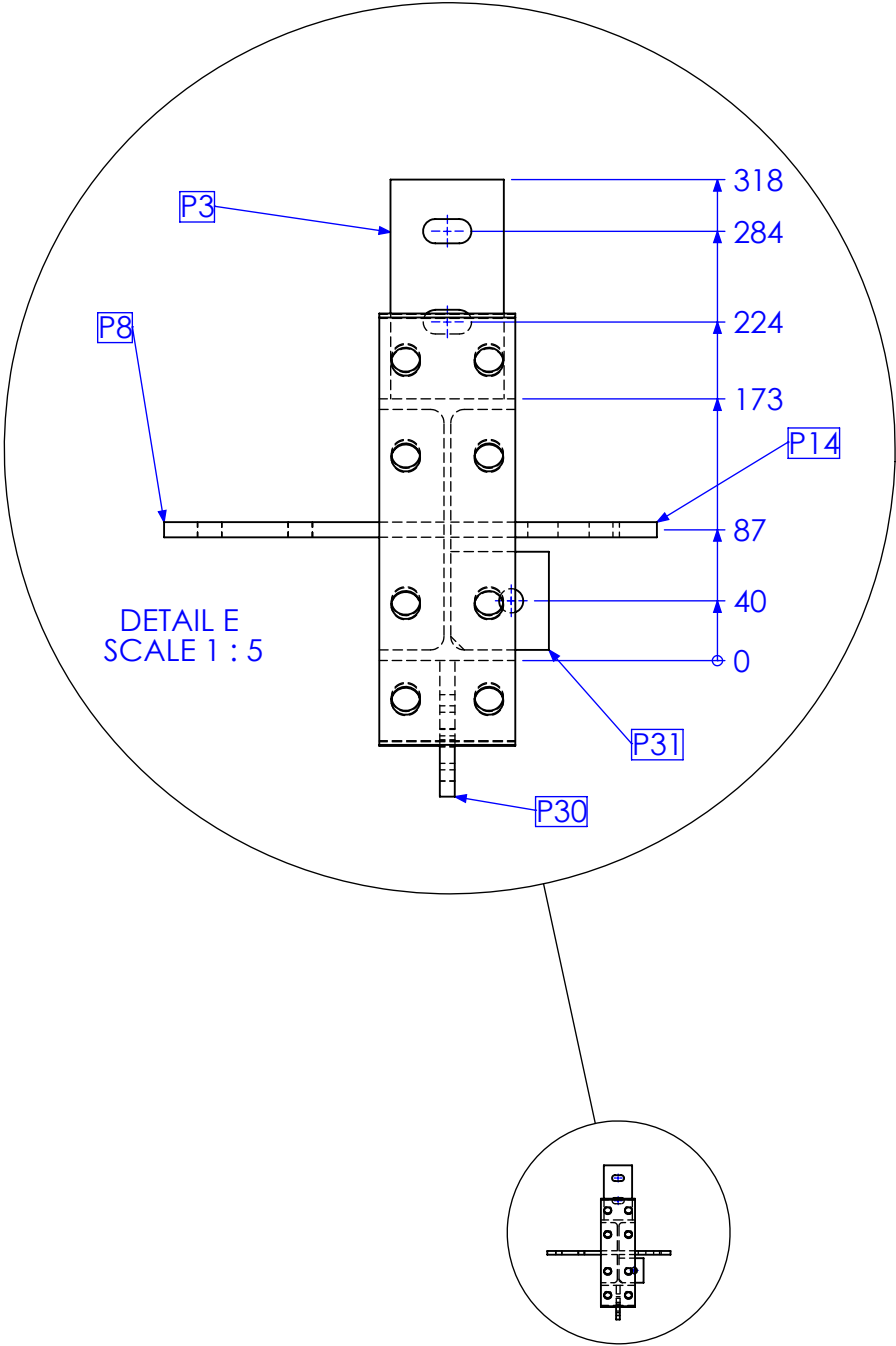
RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	21/12/2012	SDB
REV	AMMENDMENT	DATE	AMMENDED BY
Pulse Id TMS1174			
REVISIONS			

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		DESCRIPTION BEAM FKMF 3B		AS1100 THIRD ANGLE PROJECTION A3
				SCALE 1:20 UNO		DRAWN SB 21/12/12		SHEET 15 of 27
				CHECK EG/DB/NW -		APPROVED -		REV 03
				DRAWING No. FKMF B3B		PURPOSE OF DRAWING FABRICATION		Page 41 of 72



MARK NO.	QTY.	DESCRIPTION	LENGTH
P5	2	90x12 FL	290
FKMF B3	1	180 UB 16.1	4111.95
P3	4	75x10 FL	145
P14	4	50x10 FL	167.95
P30	1	90x10 FL	150
P8	3	75x10 FL	185
P31	4	65x10 FL	65



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

FINISH REQUIREMENTS-
HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)

PROPRIETARY NOTICE

THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.

40 Kenilworth Street,
Warwick, Queensland, Australia 4011
Phone: 1300 995 970
Fax: 1300 998 983

APPROX. MASS:
kg

DRAWING NOTES:
ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1.
FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY:
FABRICATION ± 2.0mm
MACHINING ± 0.25mm

DO NOT SCALE IF IN DOUBT - ASK

SCALE: 1:20 UNO

DRAWN: SB 21/12/12

CHECK: EG/DB/NW -

APPROVED: - -

JOB NUMBER: 5248

DESCRIPTION: BEAM FKMFB 3C

DRAWING No. FKMFB 3C

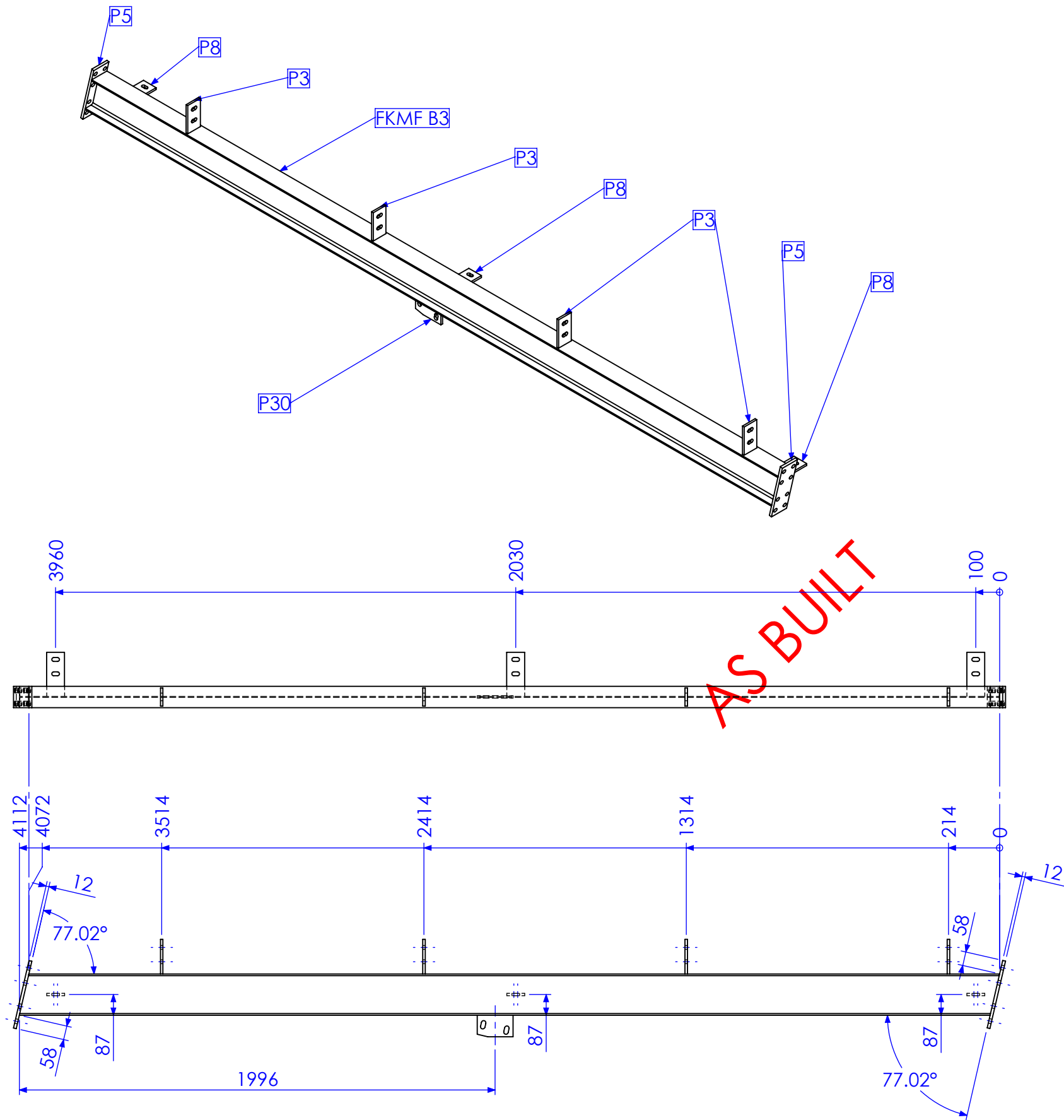
QTY: 2

AS1100 THIRD ANGLE PROJECTION

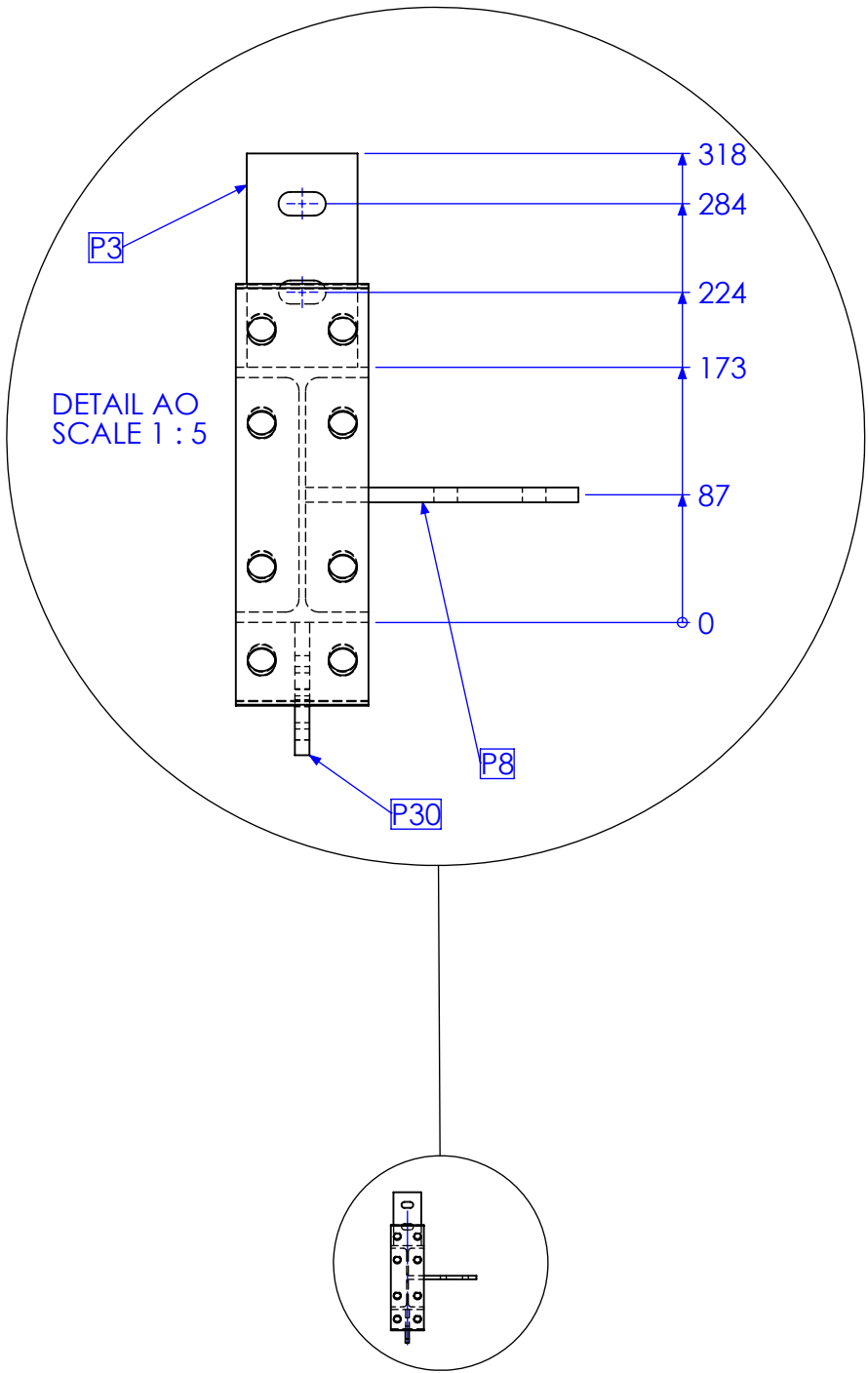
SHEET 16 of 27

REV 03

PURPOSE OF DRAWING: FABRICATION



MARK NO.	QTY.	DESCRIPTION	LENGTH
P5	2	90x12 FL	290
FKMF B3	1	180 UB 16.1	4111.95
P3	4	75x10 FL	145
P30	1	90x10 FL	150
P8	3	75x10 FL	185

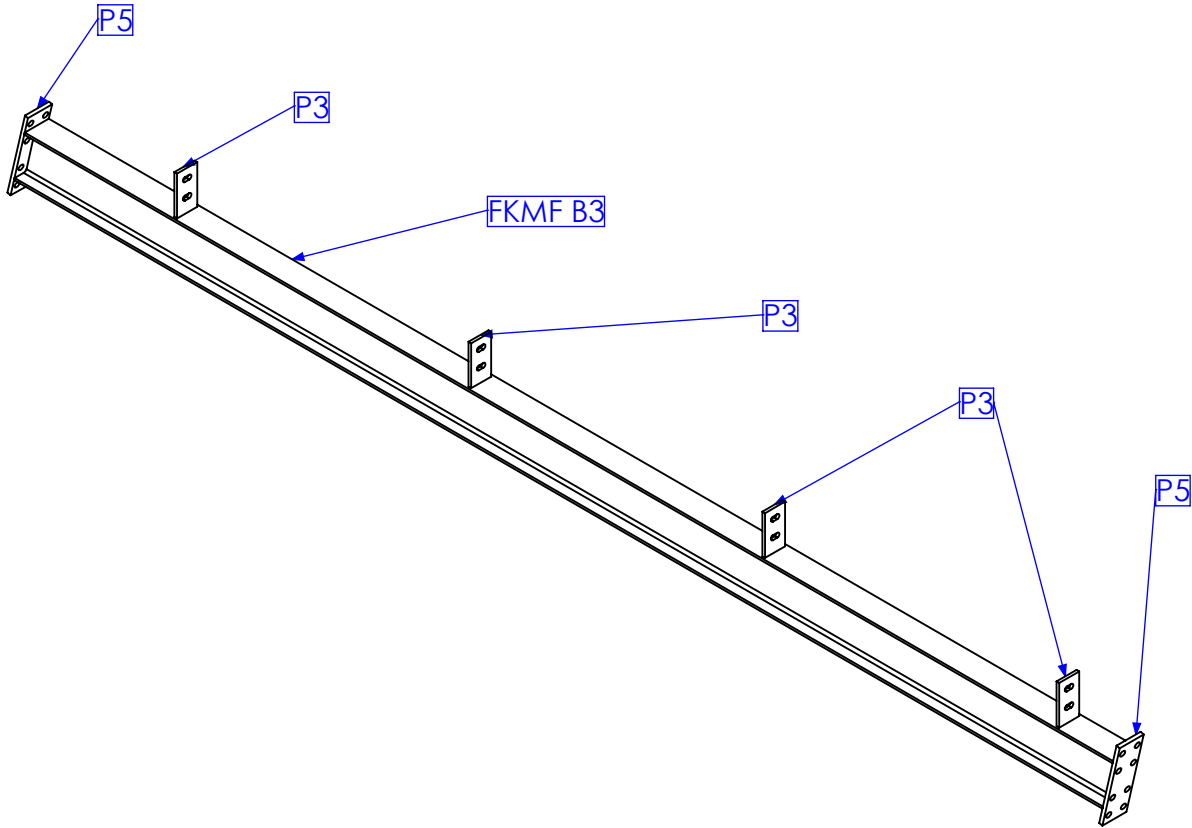


QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

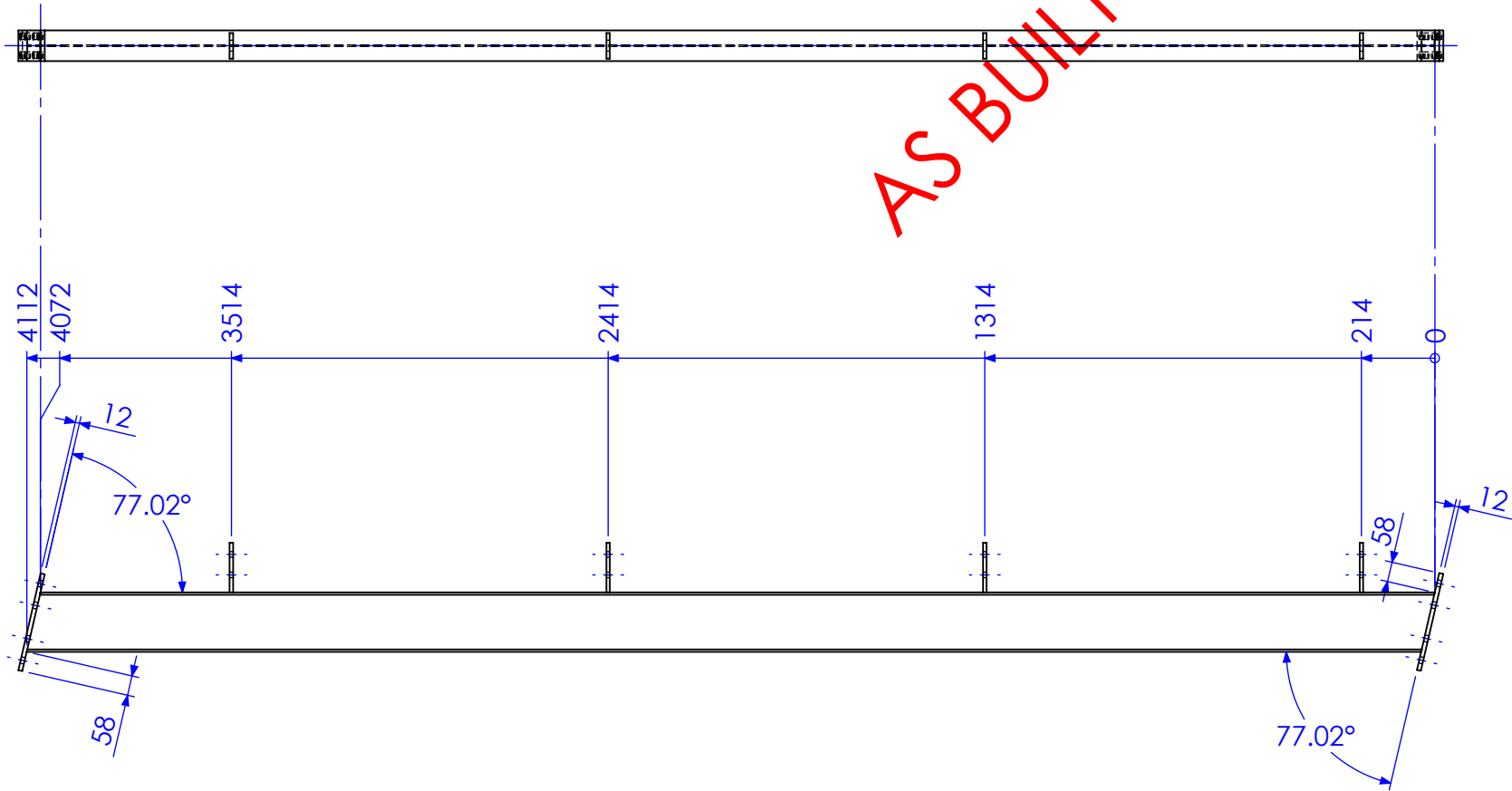
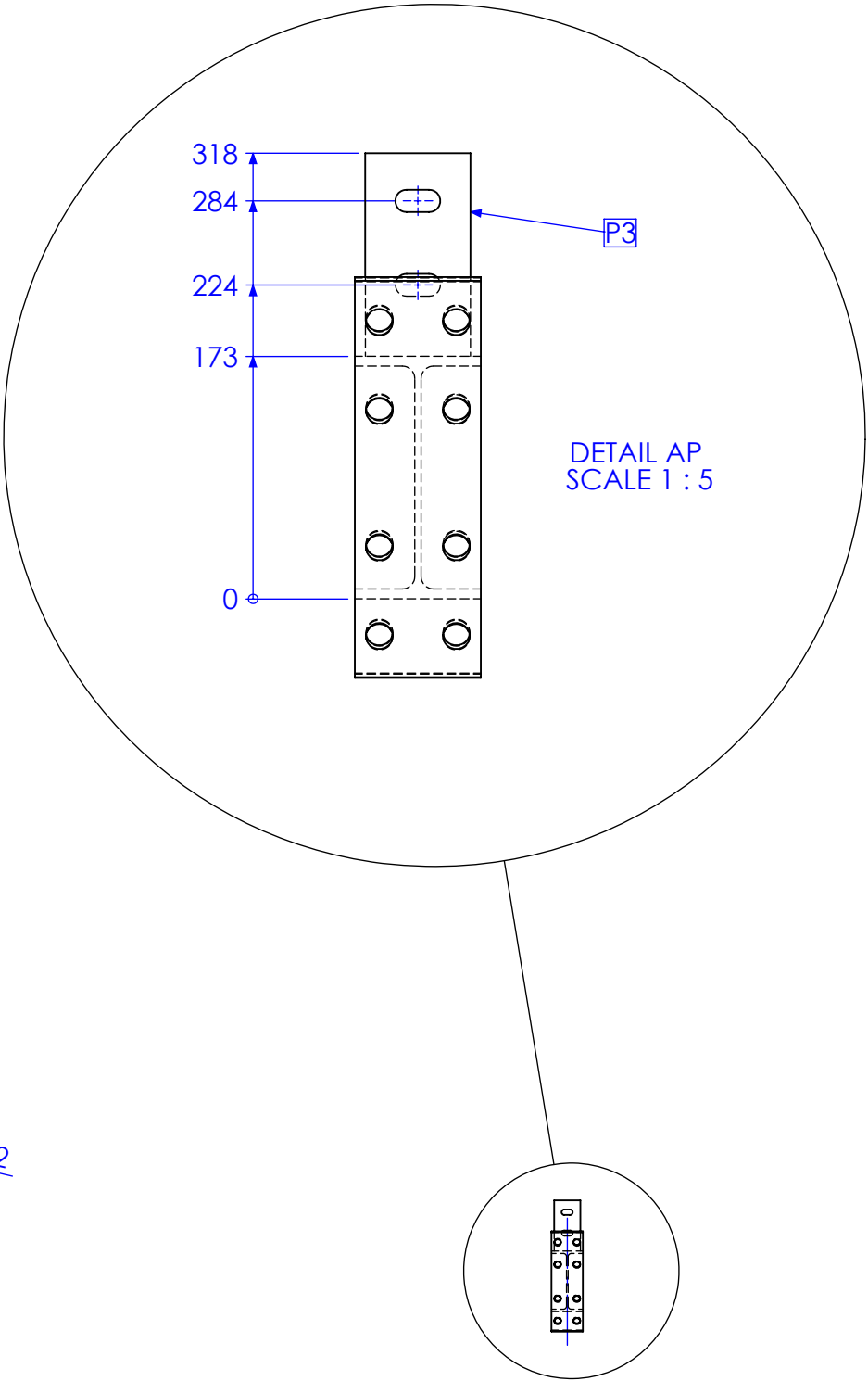
RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 2	
PROPRIETARY NOTICE		DRAWING NOTES:		SCALE 1:20 UNO		DESCRIPTION		AS1100
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		DRAWN SB 21/12/12		BEAM FKMF 3D		A3
AUSFAB CONSTRUCTIONS		40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983		CHECK EG/DB/NW -		DRAWING No. FKMF B3D		SHEET 17 of 27
15/05/2015		APPROVED -		PURPOSE OF DRAWING FABRICATION		REV 03		Page 43 of 72



MARK NO.	QTY.	DESCRIPTION	LENGTH
P5	2	90x12 FL	290
FKMF B3	1	180 UB 16.1	4111.95
P3	4	75x10 FL	145



AS BUILT

QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

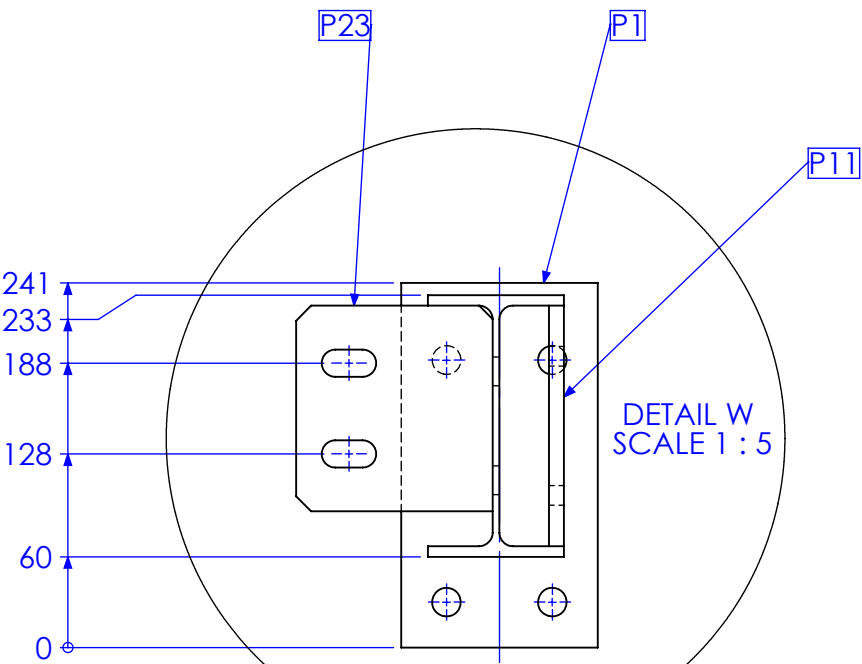
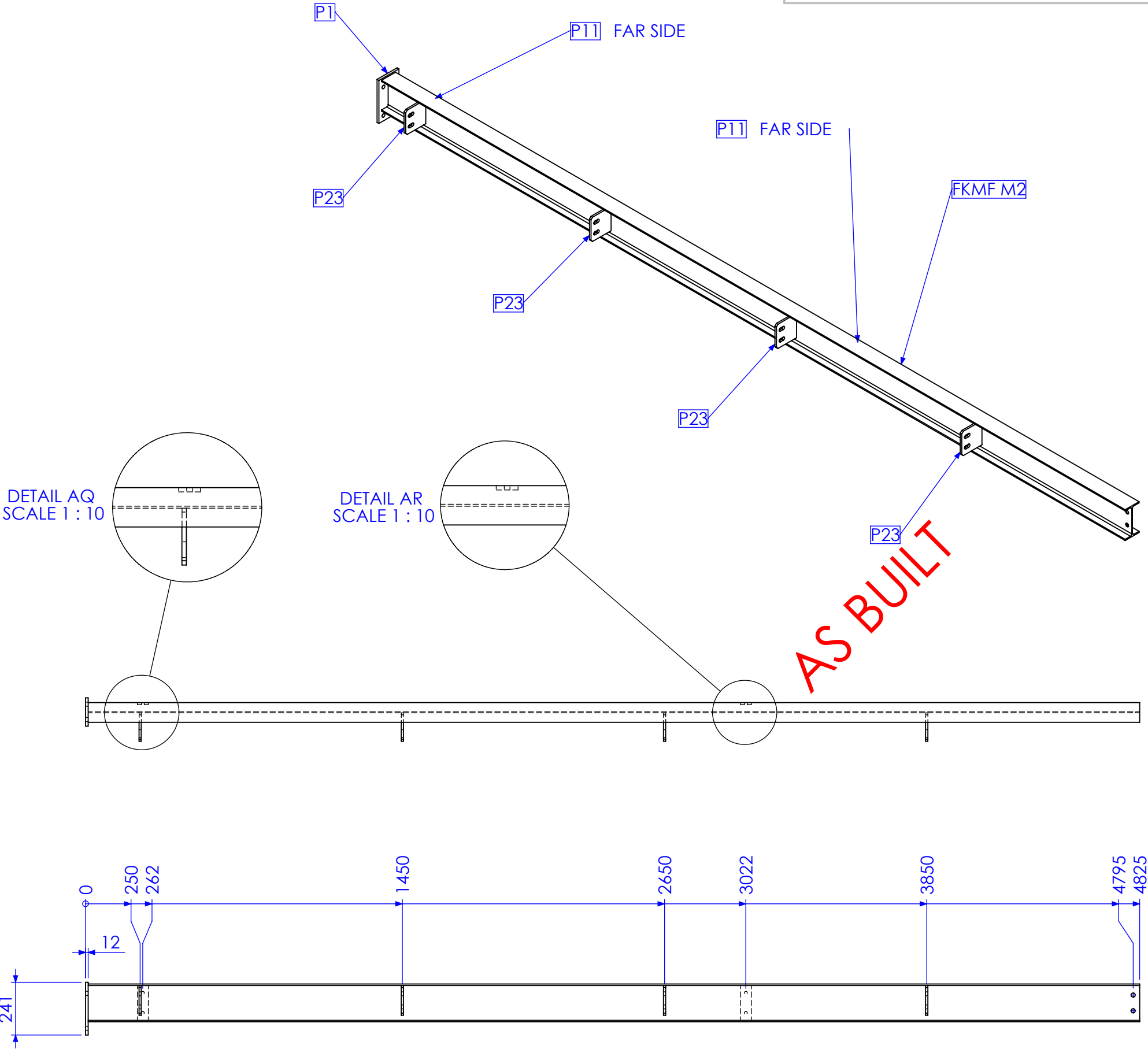
REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

Q-Pulse Id TMS1174 REVISIONS

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 4	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.				DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO DRAWN SB 21/12/12 CHECK EG/DB/NW - APPROVED - -		DESCRIPTION BEAM FKMF 3E
		40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 Date 15/05/2015				DRAWING No. FKMF B3E		AS1100 THIRD ANGLE PROJECTION A3 SHEET 18 of 27 REV 03 PURPOSE OF DRAWING FABRICATION

TYPE A

MARK NO.	QTY.	DESCRIPTION	LENGTH
FKMF M2	1	180 UB 16.1	4813
P1	1	130x12 FL	241
P23	4	130x10 FL	136
P11	2	50x10 FL	159



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)

PROPRIETARY NOTICE

THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.

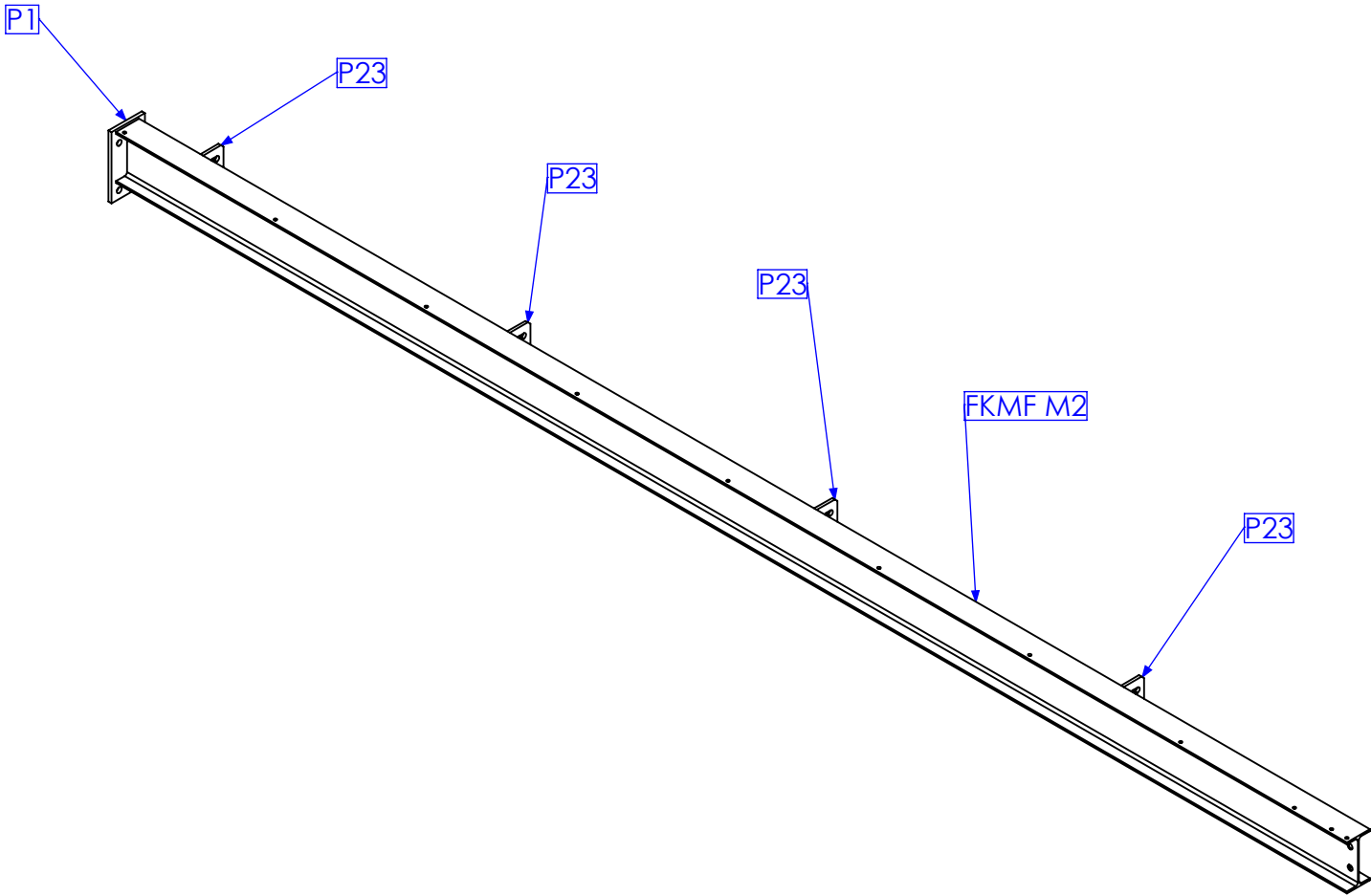
AUSFAB CONSTRUCTIONS

40 Kenilworth Street, Warwick, Queensland, Australia 4011
Phone: 1300 995 970
Fax: 1300 998 983

15/05/2015

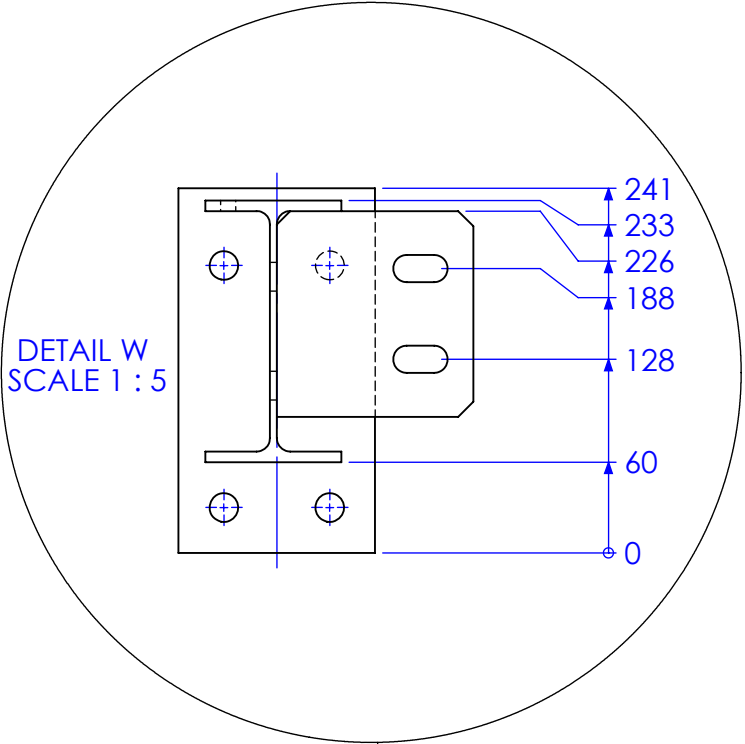
APPROX. MASS: kg		
DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		
SCALE	1:20 UNO	
DRAWN	SB	21/12/12
CHECK	EG/DB/NW	-
APPROVED	-	-

JOB NUMBER:	5248	QTY: 2
DESCRIPTION		
FKMF MULLION 2A		
PURPOSE OF DRAWING		
FABRICATION		
DRAWING No.	FKMF M2A	

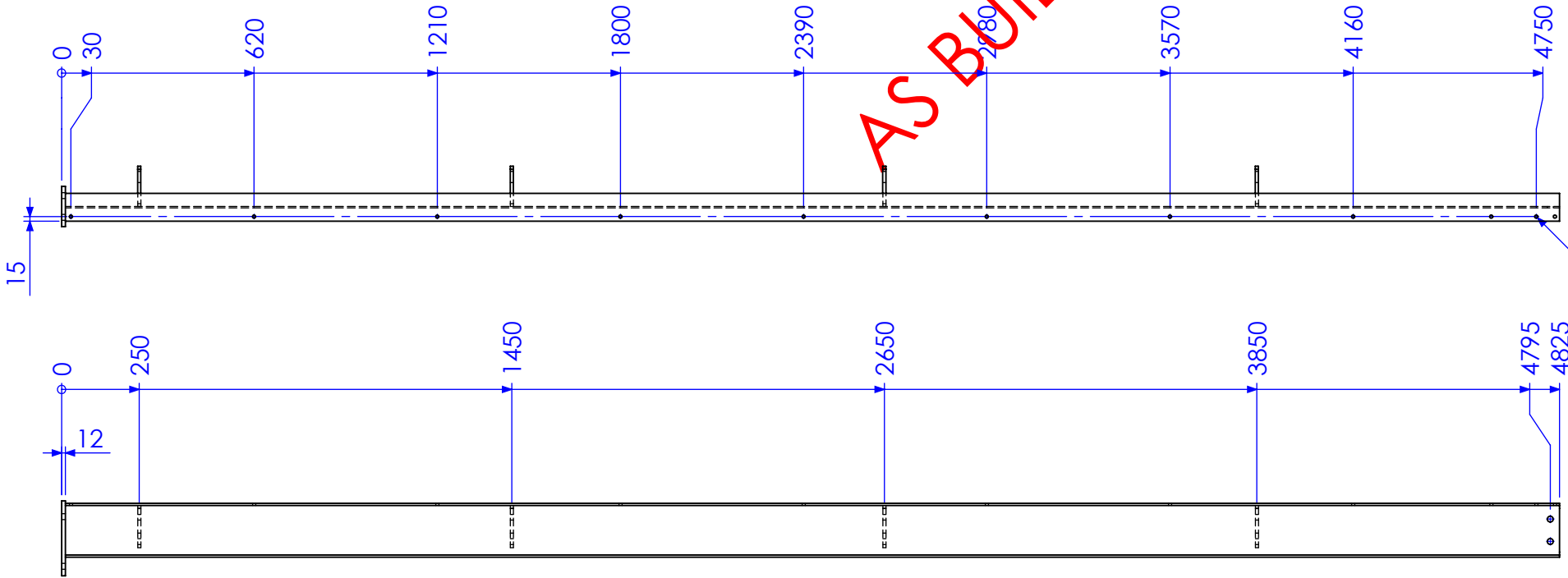


TYPE B

MARK NO.	QTY.	DESCRIPTION	LENGTH
FKMF M2	1	180 UB 16.1	4813
P1	1	130x12 FL	241
P23	8	130x10 FL	136



DETAIL W
SCALE 1 : 5




Ø 10 X QTY 9

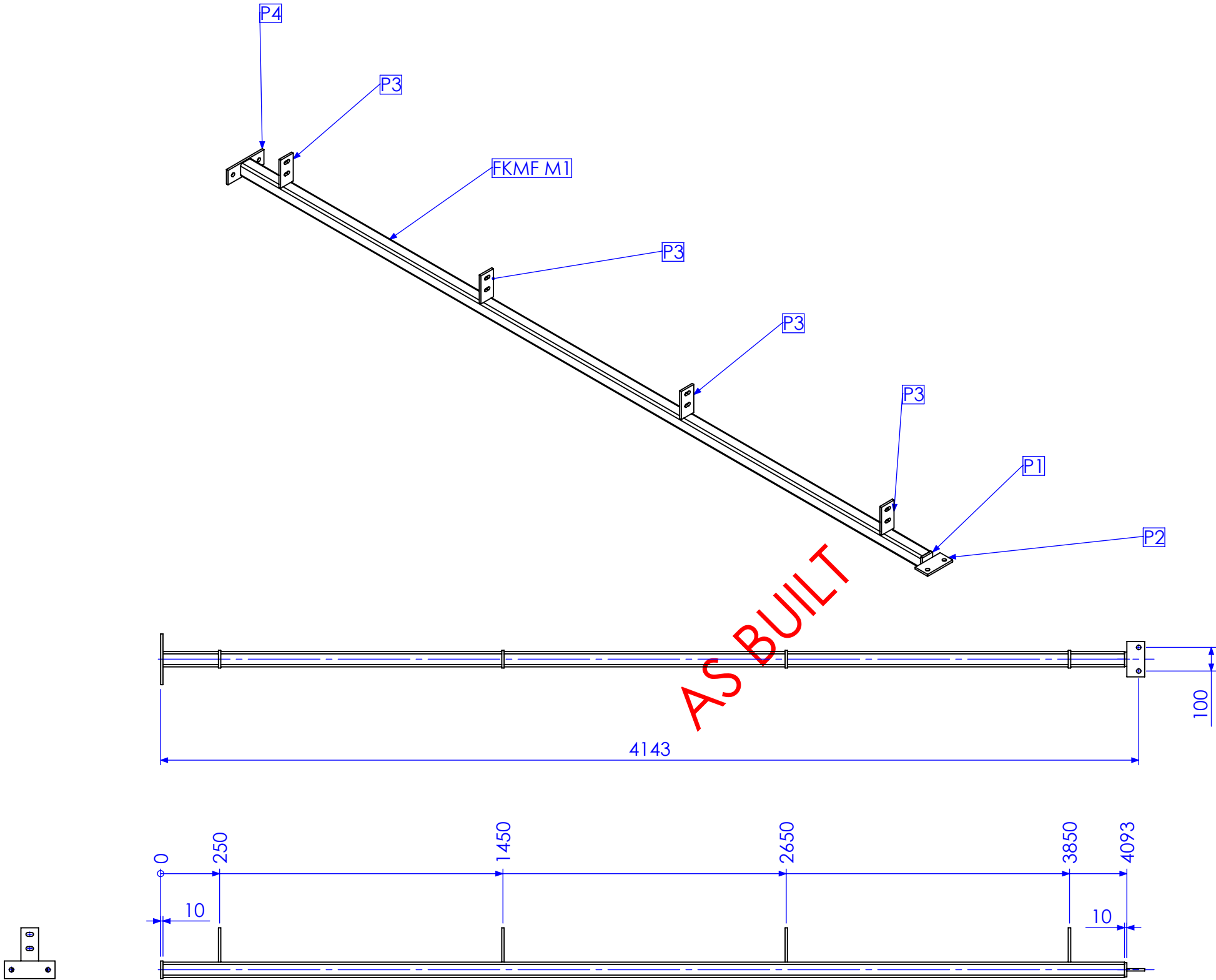
QTY BELOW REFLECTS COMBINED TOTAL REQUIRED
FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248		QTY: 2			
<div>PROPRIETARY NOTICE</div> <div>THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.</div>		<div></div> <div>40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015</div>		<div>DRAWING NOTES:</div> <div>ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm</div>		<div>SCALE</div> <div>1:20 UNO</div> <div>DRAWN</div> <div>SB 21/12/12</div> <div>CHECK</div> <div>EG/DB/NW -</div> <div>APPROVED</div> <div>- -</div>		<div>DESCRIPTION</div> <div>FKMF MULLION 2B</div> <div>DRAWING No.</div> <div>FKMF M2B</div>		<div>AS1100</div> <div>THIRD ANGLE PROJECTION</div> <div>A3</div> <div>SHEET 20 of 27</div> <div>REV</div> <div>03</div> <div>PURPOSE OF DRAWING</div> <div>FABRICATION</div>	

MARK NO.	QTY.	DESCRIPTION	LENGTH
FKMF M1	1	65x65x4 SHS	4073.31
P4	1	75x10 FL	215
P1	1	10MM CAP PLATE	61 X 61
P2	1	75x10 FL	150
P3	4	75x10 FL	145



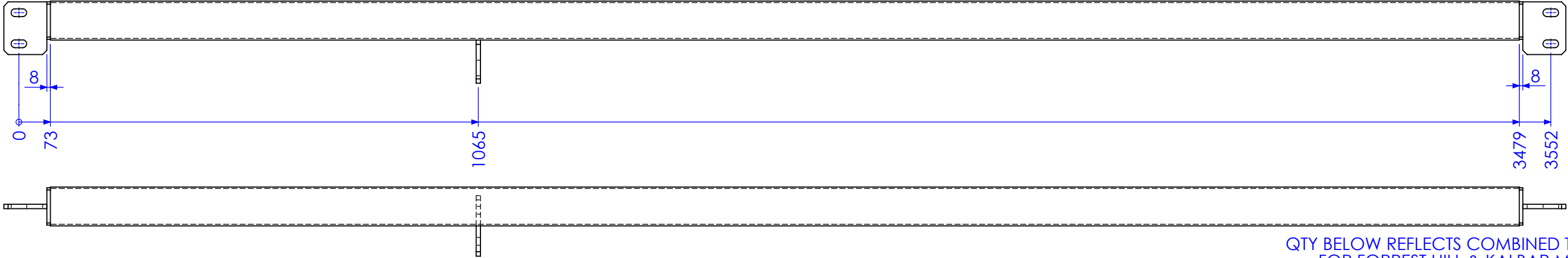
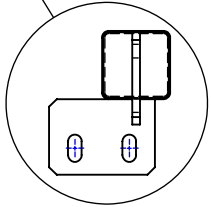
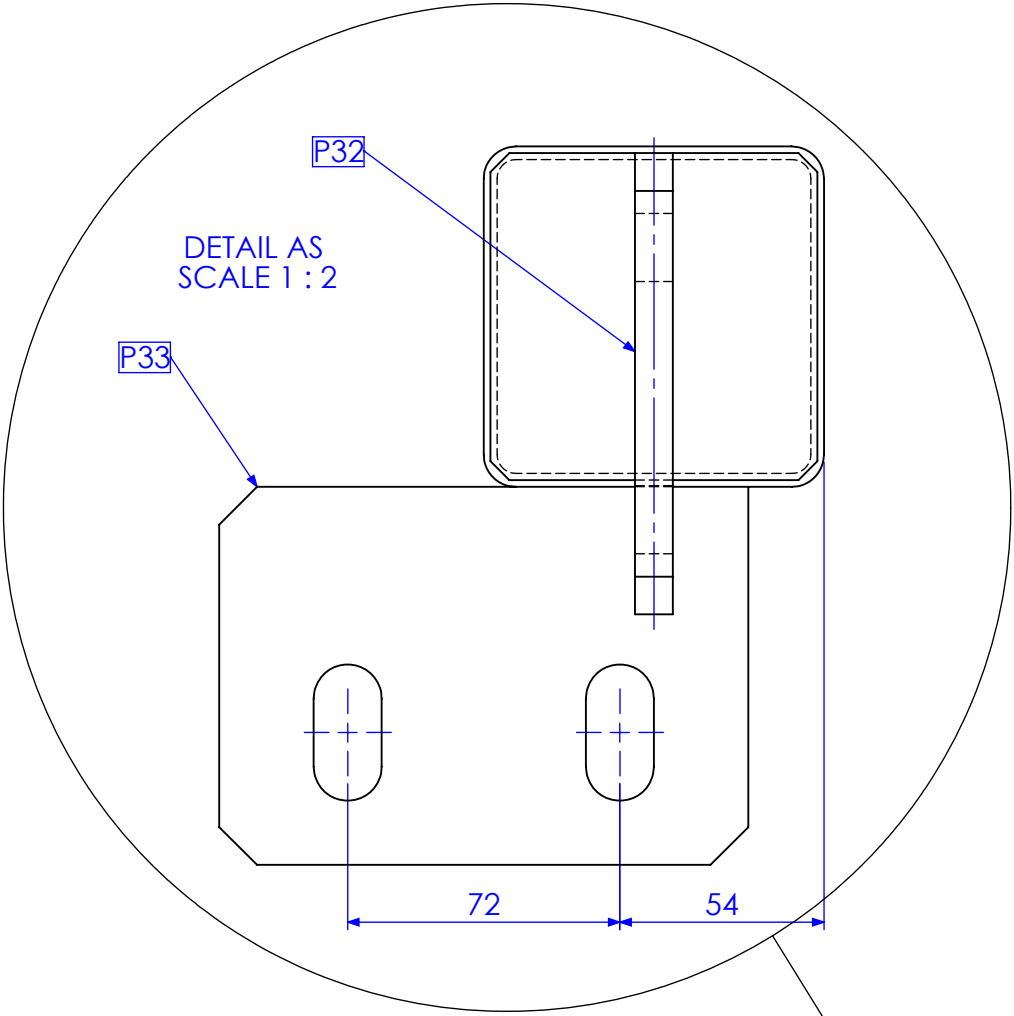
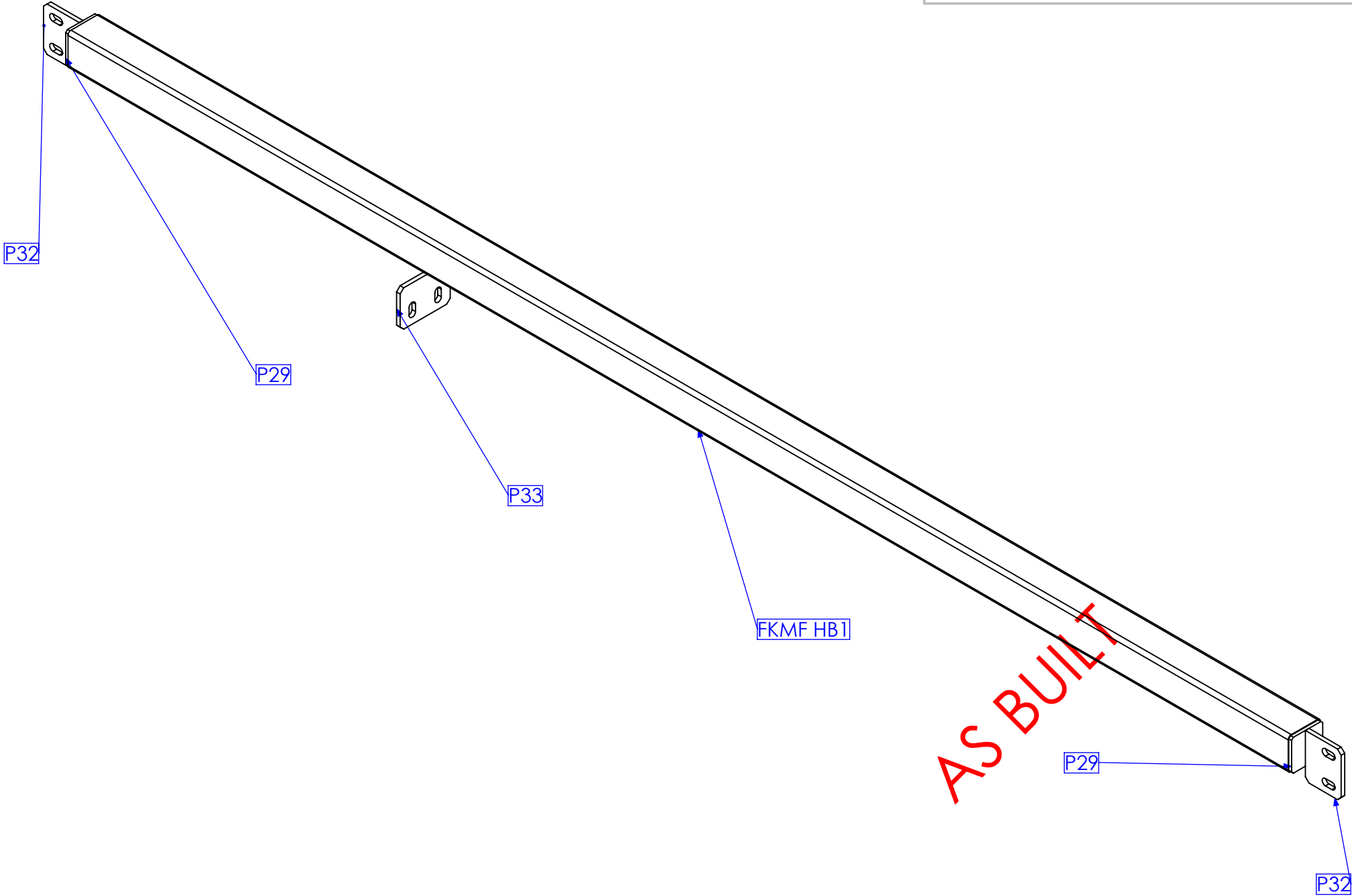
QTY BELOW REFLECTS COMBINED TOTAL REQUIRED
FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 4	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO	DESCRIPTION FKMF MULLION 1		AS1100 THIRD ANGLE PROJECTION	A3
40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983		15/05/2015		DRAWN SB 21/12/12	SHEET 21 of 27		REV 03	PURPOSE OF DRAWING FABRICATION
DRAWING No.		FKMF M1		APPROVED		-		

MARK NO.	QTY.	DESCRIPTION	LENGTH
FKMF HB1	1	90x90x3.50 SHS	3405.5
P32	2	100x10 FL	122
P33	1	100x10 FL	140
P29	2	8MM CAP PLATES	86.50 X 86.50



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED
FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

Q-Pulse Id TMS1174

REVISIONS

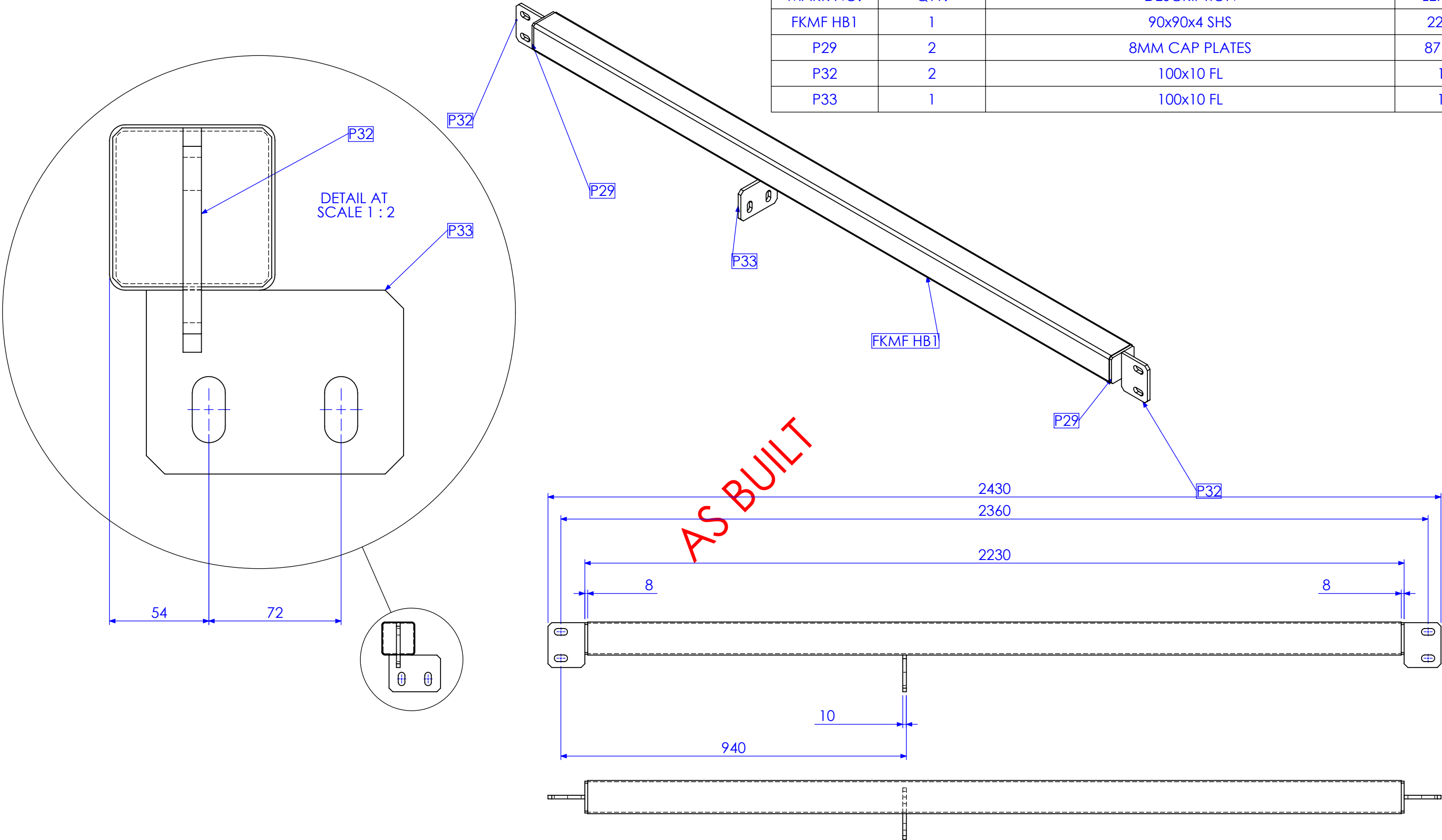
FINISH REQUIREMENTS-		HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER:	5248	QTY: 2	
PROPRIETARY NOTICE		THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES:		SCALE		DESCRIPTION		AS1100	
				ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY:		DRAWN		THIRD ANGLE PROJECTION		A3	
				FABRICATION ± 2.0mm		CHECK		FKMF HEADER BEAM 1		SHEET 22 of 27	
				MACHINING ± 0.25mm		APPROVED		DRAWING No.		REV 03	
								FKMF HB1		PURPOSE OF DRAWING	
										FABRICATION	



40 Kenilworth Street,
Warwick, Queensland, Australia 4011
Phone: 1300 995 970
Fax: 1300 998 983

15/05/2015

MARK NO.	QTY.	DESCRIPTION	LENGTH
FKMF HB1	1	90x90x4 SHS	2213.5
P29	2	8MM CAP PLATES	87 X 87
P32	2	100x10 FL	122
P33	1	100x10 FL	140



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

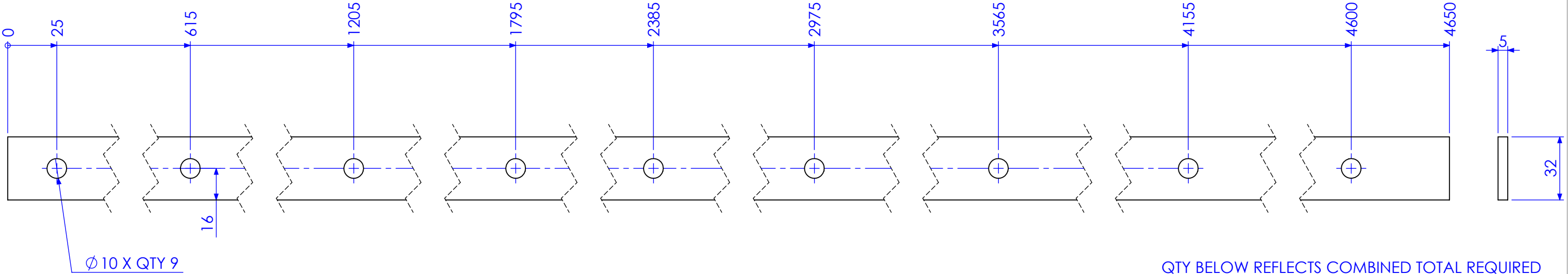
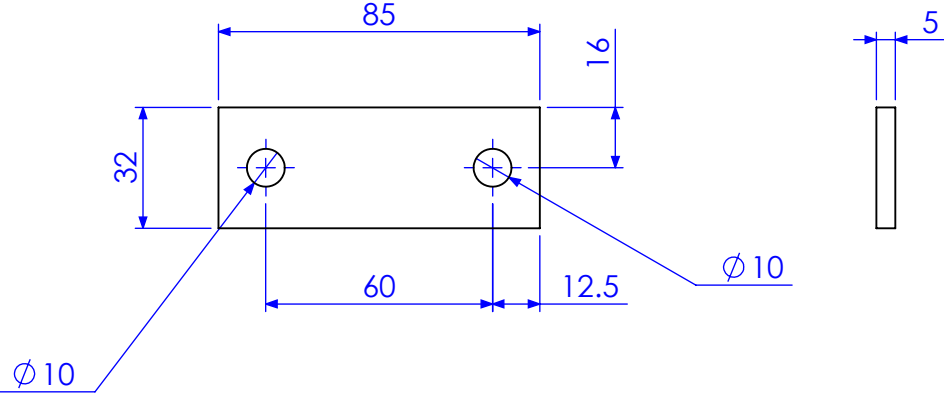
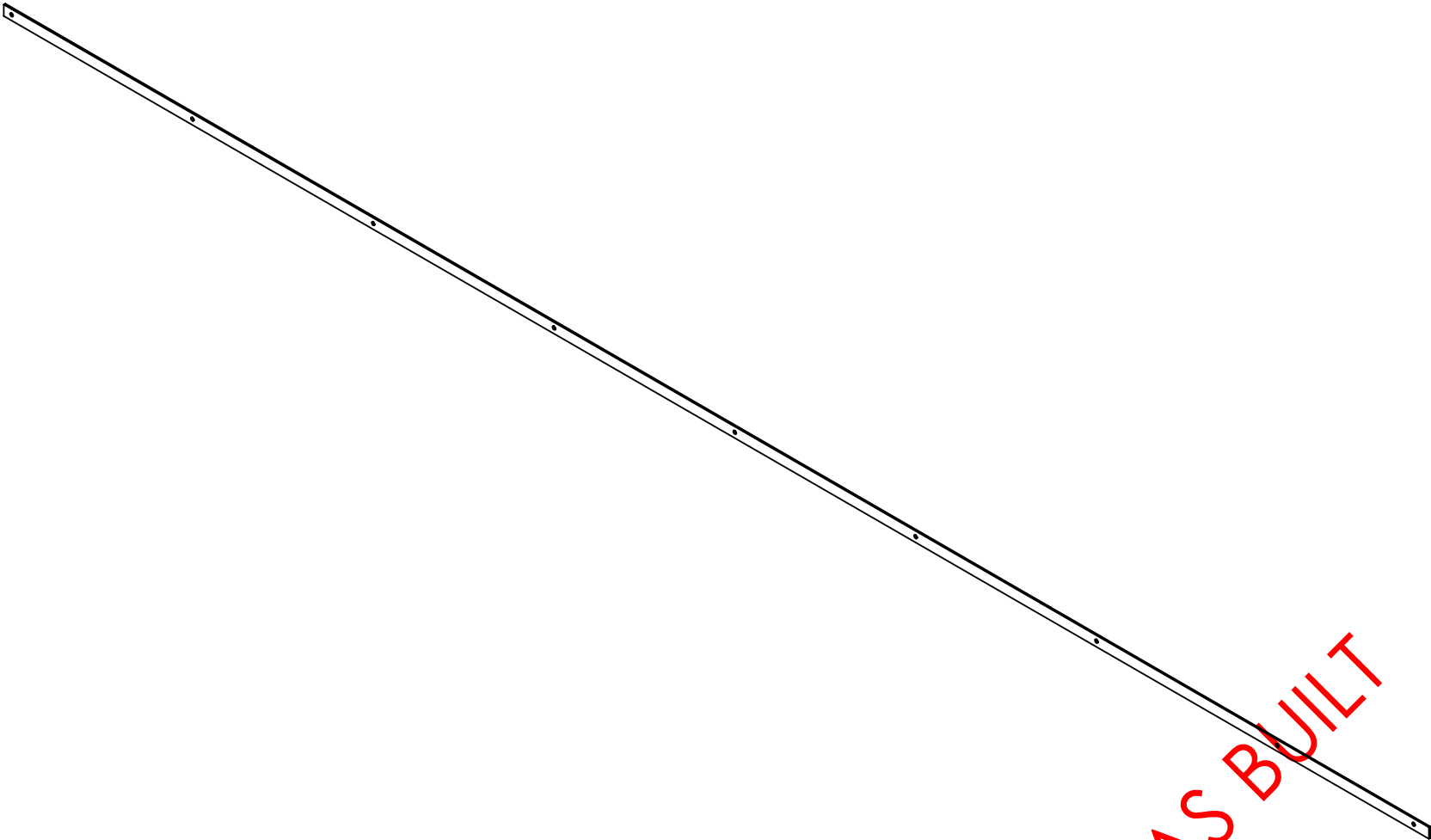
FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)	APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 2
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015	DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	SCALE 1:10 UNO DRAWN SB 21/12/12 CHECK EG/DB/NW - APPROVED - -	DESCRIPTION FKMF HEADER BEAM 2 DRAWING No. FKMF HB2
PURPOSE OF DRAWING FABRICATION				AS1100 THIRD ANGLE PROJECTION SHEET 23 of 27 REV 03

DESCRIPTION	MARK NO.	LENGTH
32x5 FL	FKMF MCB1	4650

ST59 - Kalbar STP - Regional Lagoons Upgrade - Sheds - OM Manual

NOTE: WHERE ITEM LIST AND DRAWING CONFLICT, CONTACT AUSFAB CONSTRUCTIONS 1300 995 970

MARK NO.	DESCRIPTION	LENGTH
FKMF MCB2	32x5 FL	85

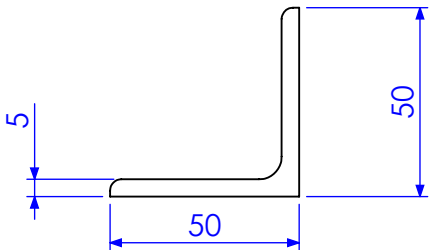
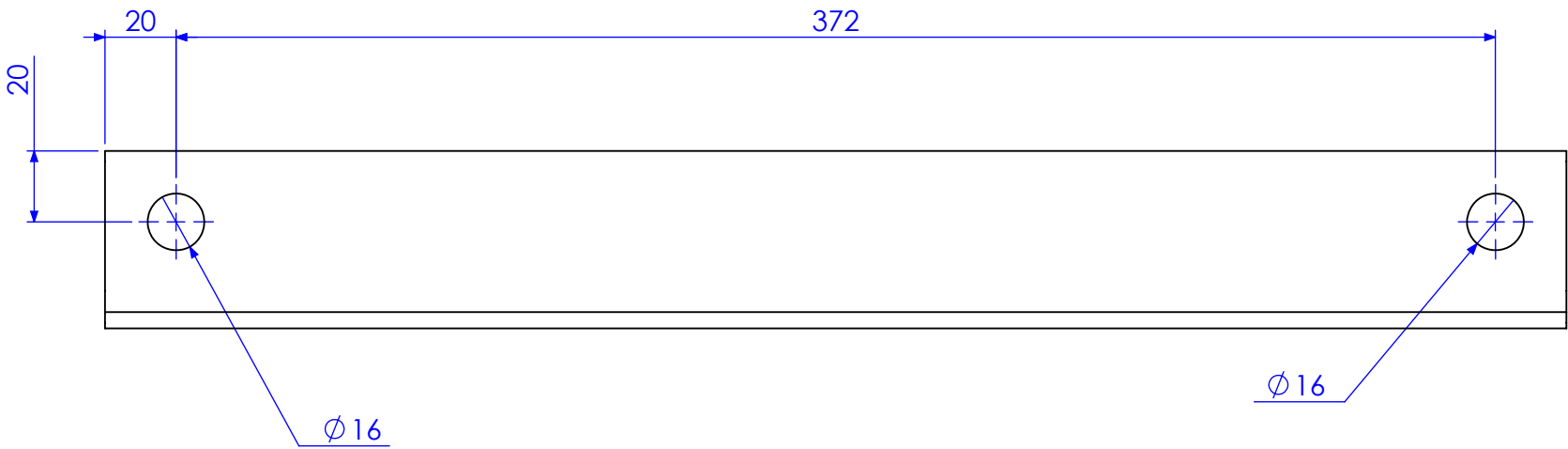
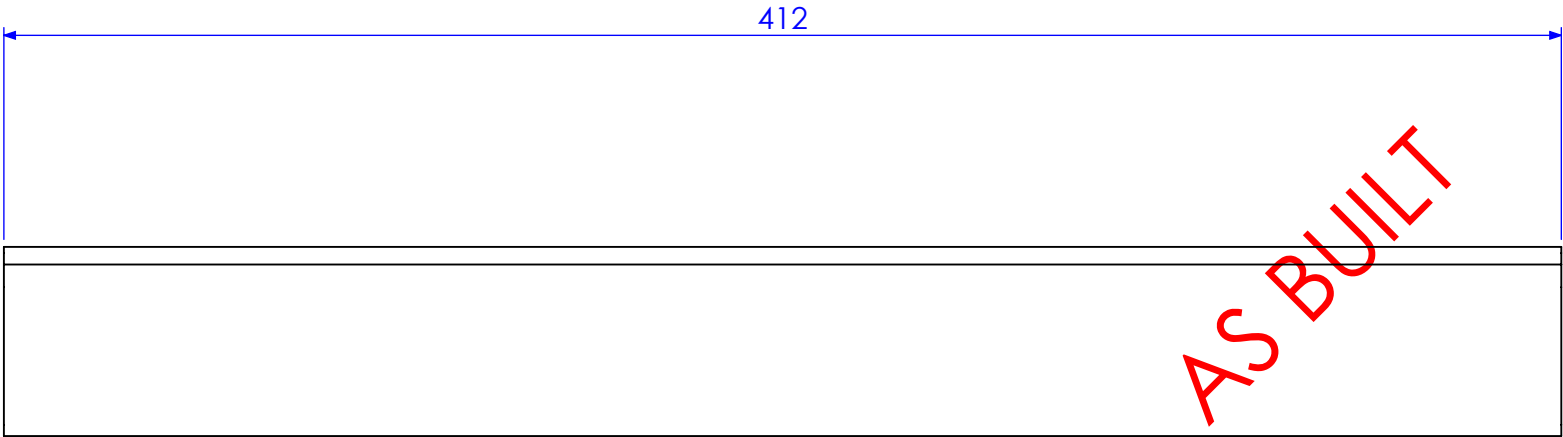
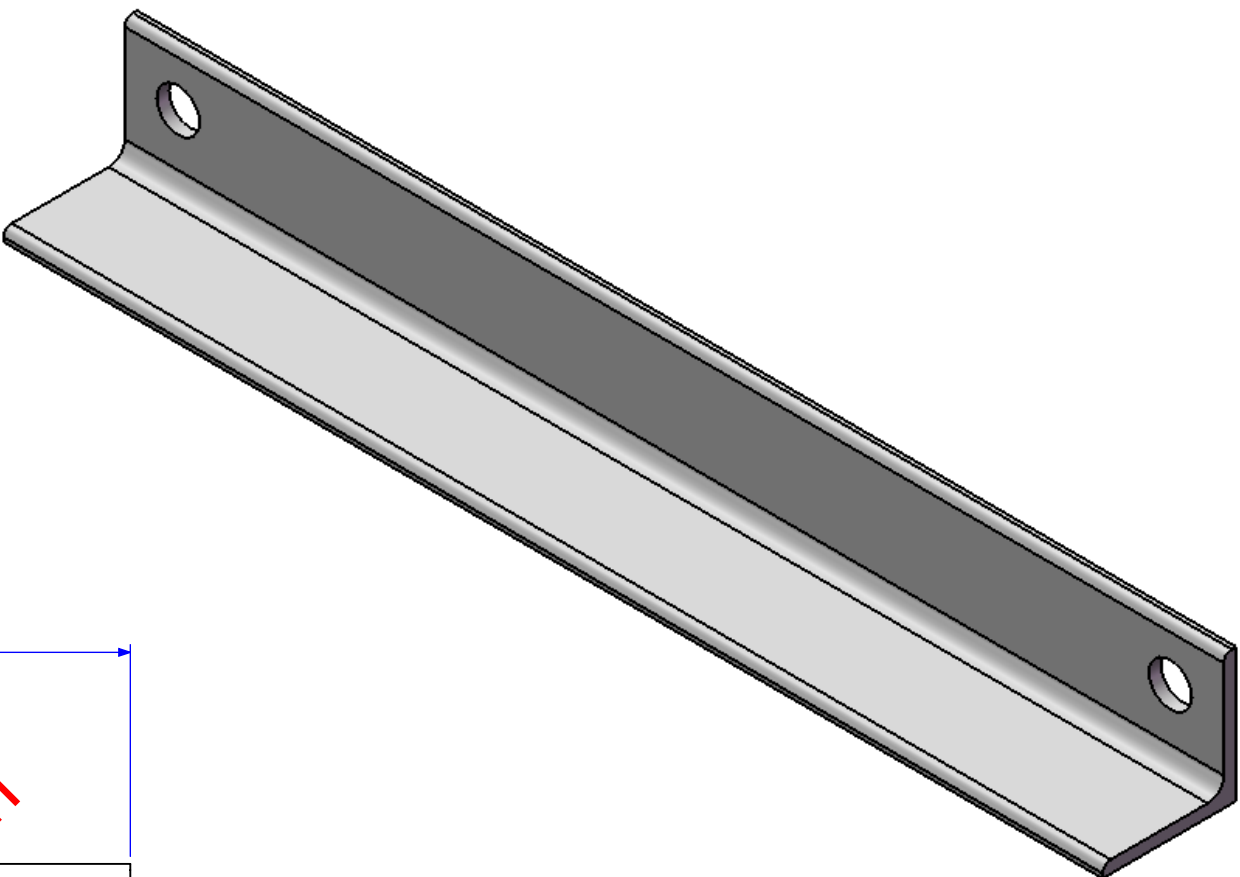


QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248	QTY: 8 OF EACH	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:2 UNO		DESCRIPTION MESH CLAMP BAR 1 & 2		AS1100 THIRD ANGLE PROJECTION A3
AUSFAB CONSTRUCTIONS 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 Date: 15/05/2015		CHECK EG/DB/NW -		APPROVED -		DRAWING No. MCB1		SHEET 24 of 27 REV 03 PURPOSE OF DRAWING FABRICATION



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED
FOR FORREST HILL & KALBAR MF BUILDINGS

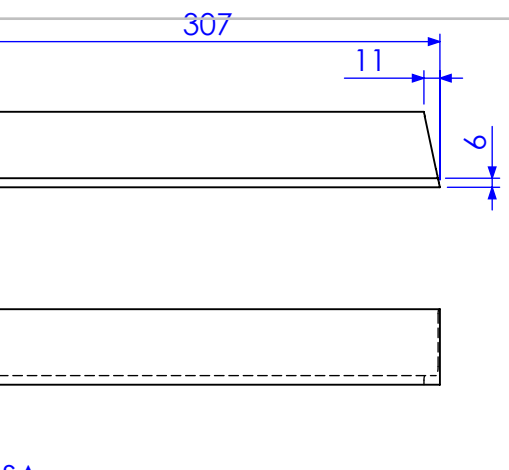
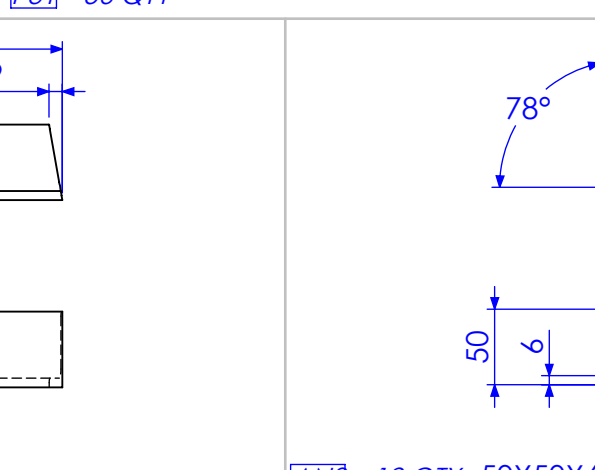
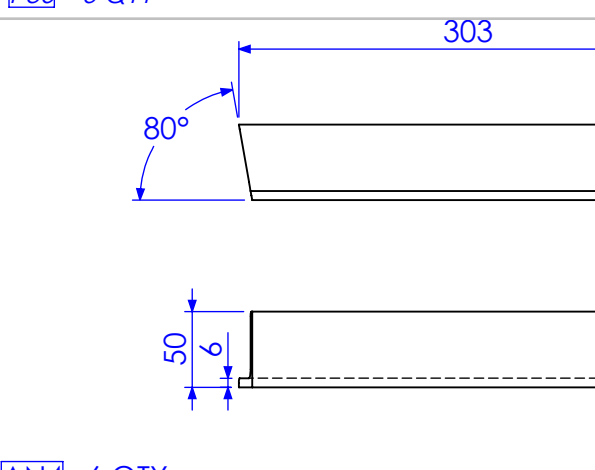
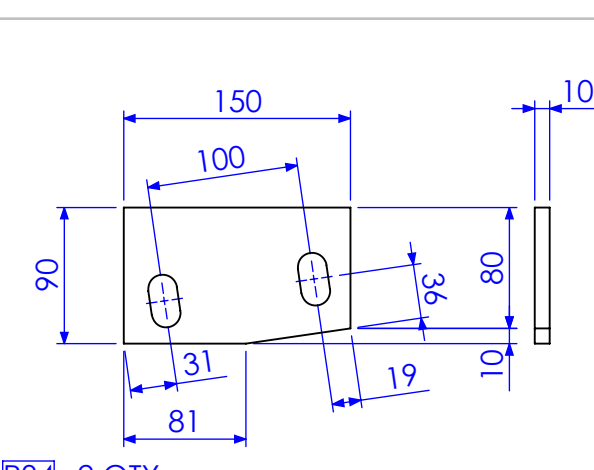
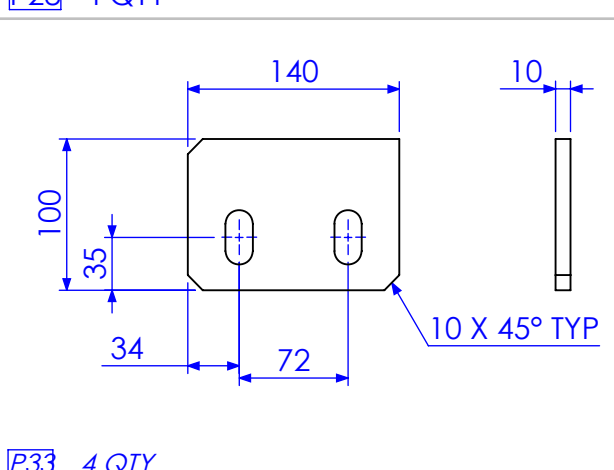
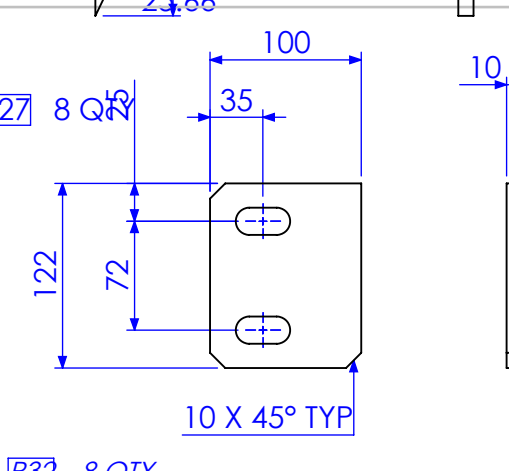
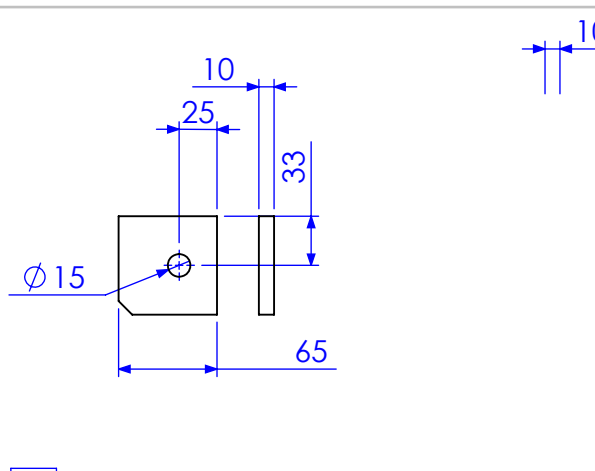
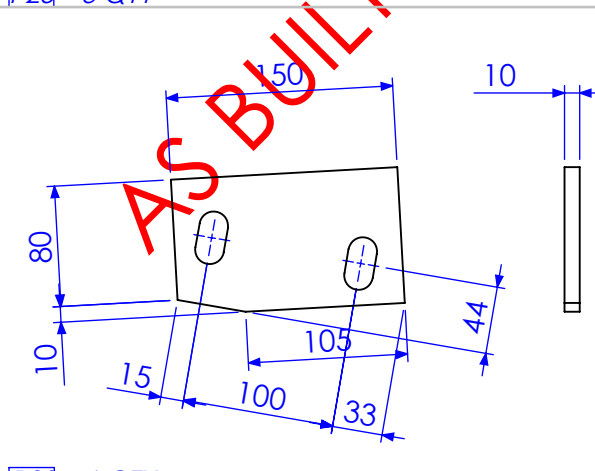
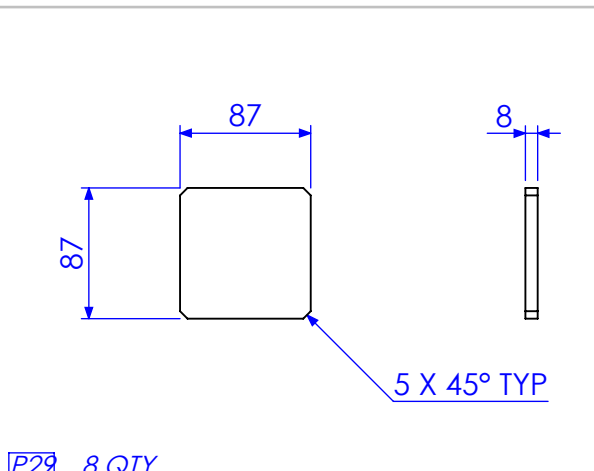
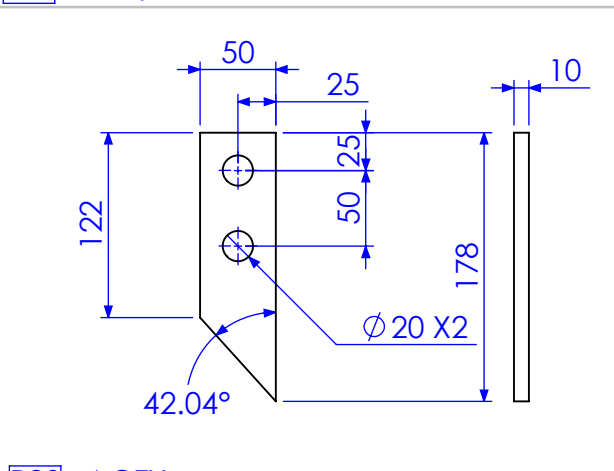
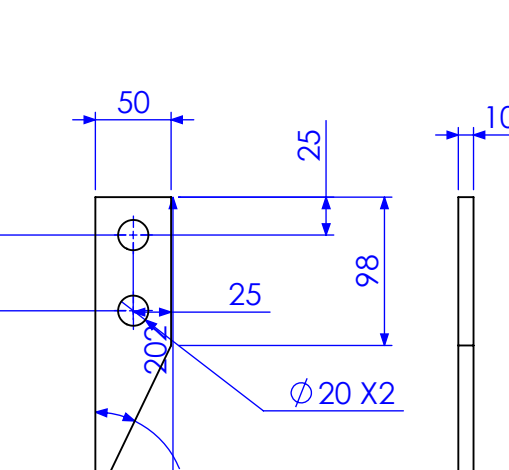
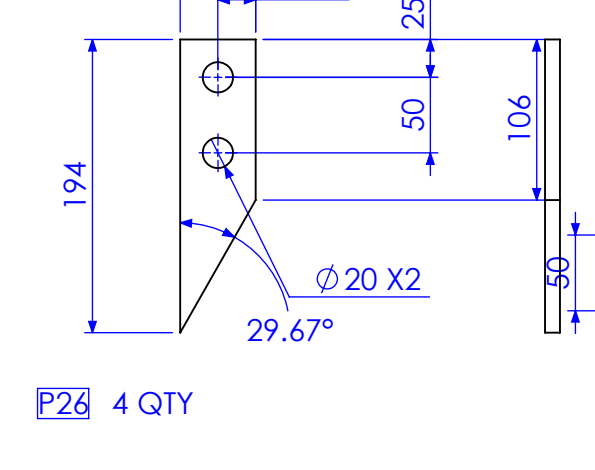
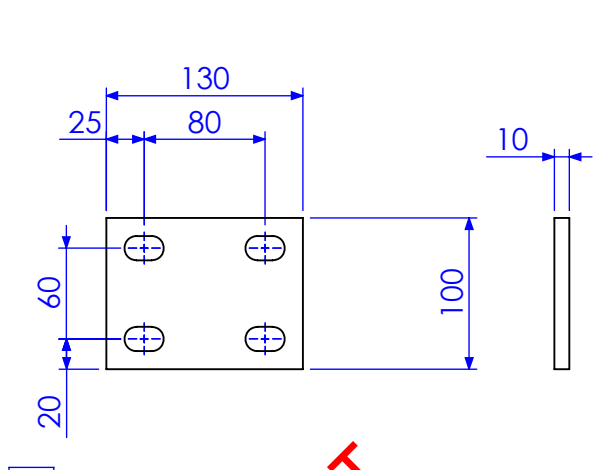
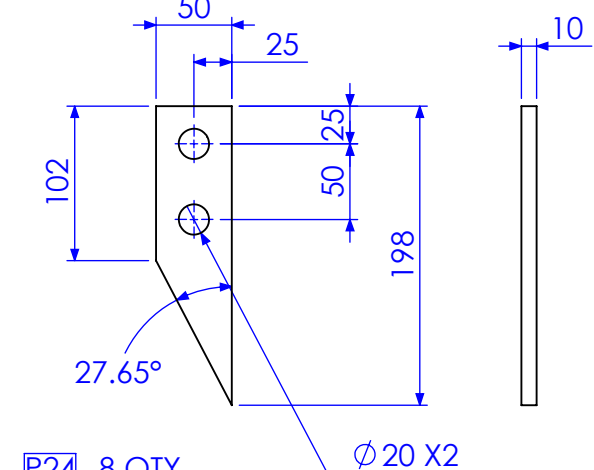
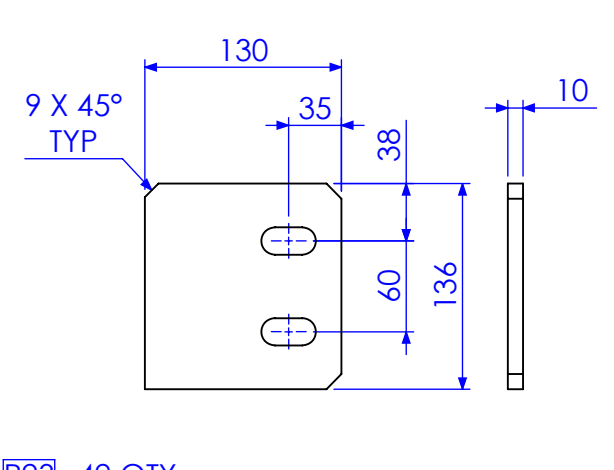
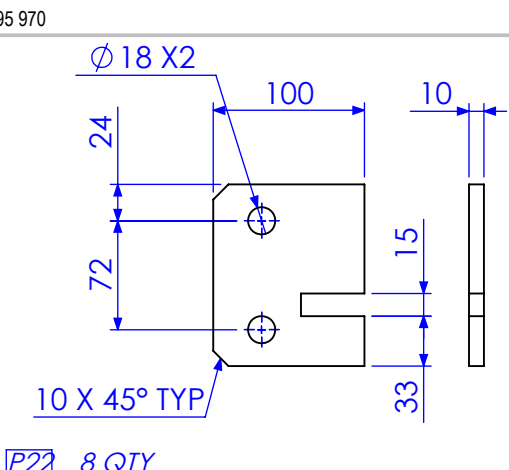
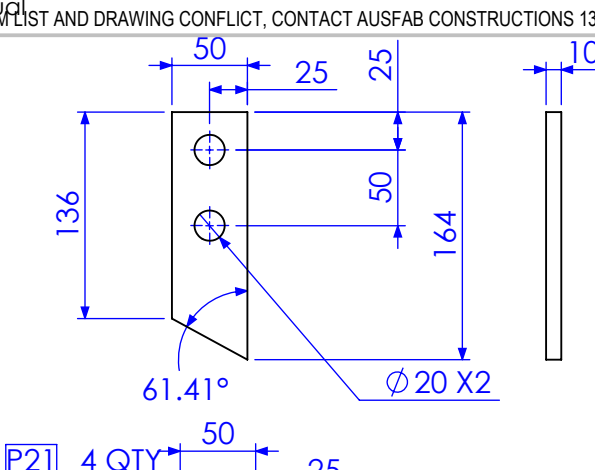
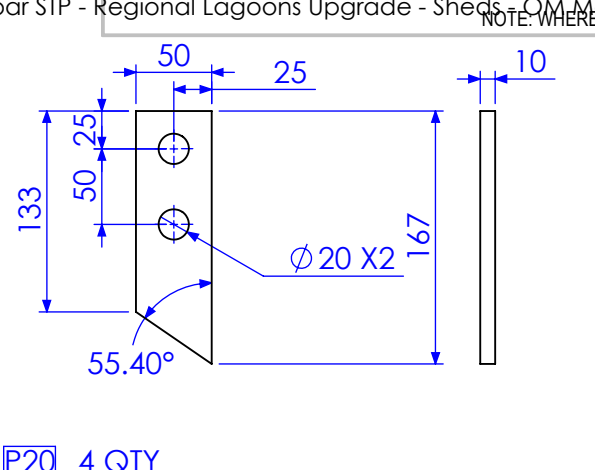
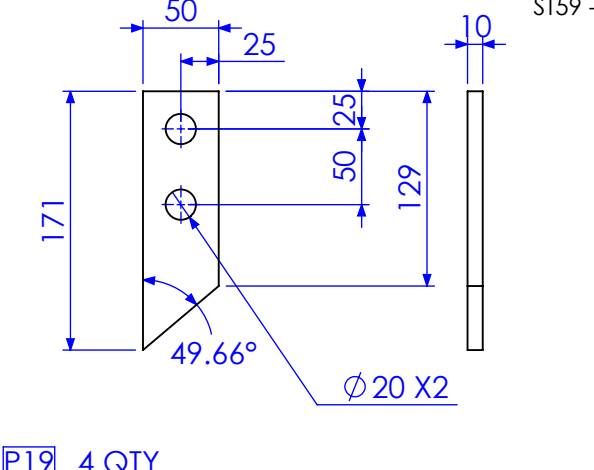
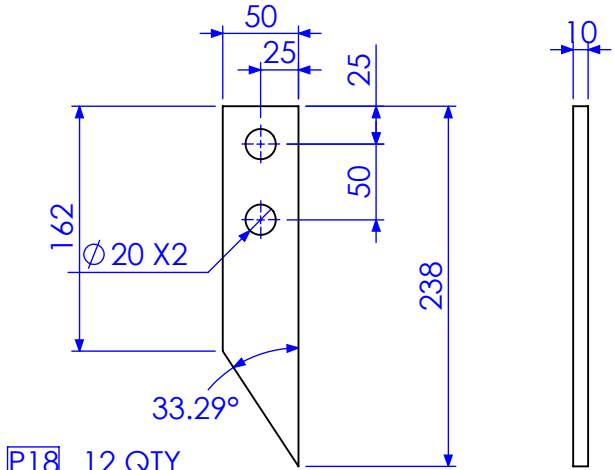
RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT		

Q-Pulse Id TMS1174

REVISIONS

FINISH REQUIREMENTS-	HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)	APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 16
PROPRIETARY NOTICE	AusFAB CONSTRUCTIONS	DRAWING NOTES:	SCALE 1:5 UNO	DESCRIPTION	AS1100 THIRD ANGLE PROJECTION A3
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983	ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	DRAWN SB 21/12/12	PURLIN FLY BRACE	SHEET 25 of 27 REV 03
			CHECK EG/DB/NW -	DRAWING No. PFB	PURPOSE OF DRAWING FABRICATION
			APPROVED - -		



RELEASED FOR MANUFACTURE

NOTE: ALL SLOTS ARE 16X32 UNO.
(32 DIM. MAY BE +/- 2MM IF PUNCH NOT AVAILABLE).

REVISIONS

FINISH REQUIREMENTS- HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)

PROPRIETARY NOTICE
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.

AUSFAB CONSTRUCTIONS
40 Kenilworth Street,
Warwick, Queensland, Australia 4011
Phone: 1300 995 970
Fax: 1300 998 983

APPROX. MASS: kg

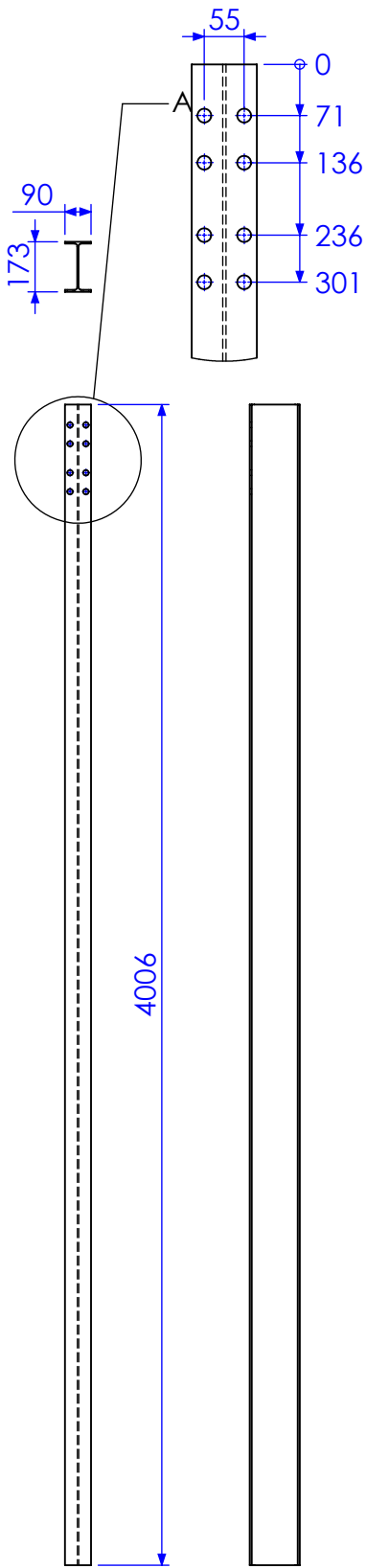
DRAWING NOTES:
ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1.
FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY:
FABRICATION ± 2.0mm
MACHINING ± 0.25mm

DO NOT SCALE IF IN DOUBT - ASK
SCALE 1:5 UNO
DRAWN SB 21/12/12
CHECK EG/DB/NW -
APPROVED - -

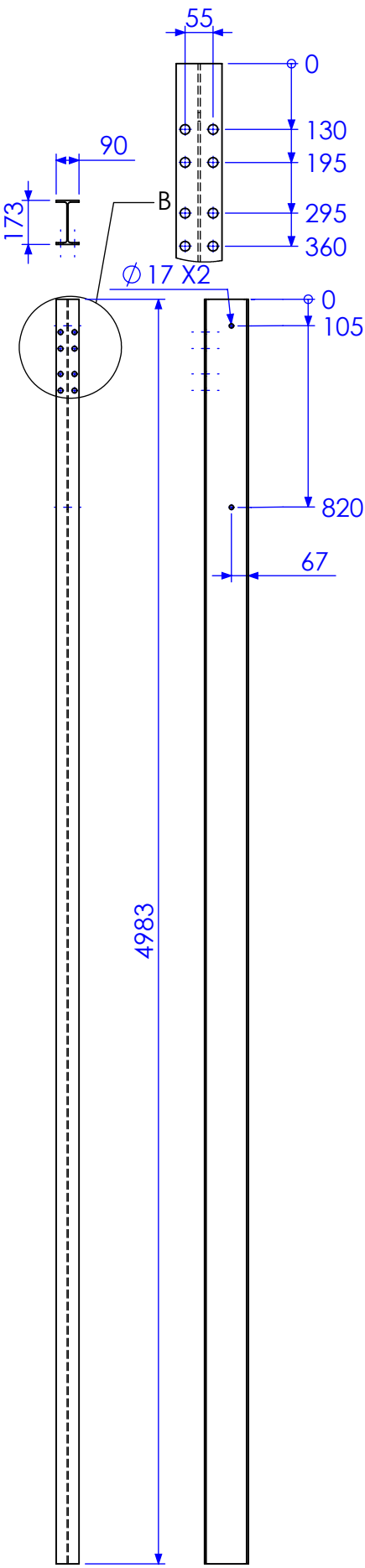
JOB NUMBER: 5248
DESCRIPTION: PLATE SIZES AND QTYS FOR REG LAGOON SHEDS
DRAWING No. PLATE SIZES AND QTYS

QTY: SEE INDIVIDUAL QTYS

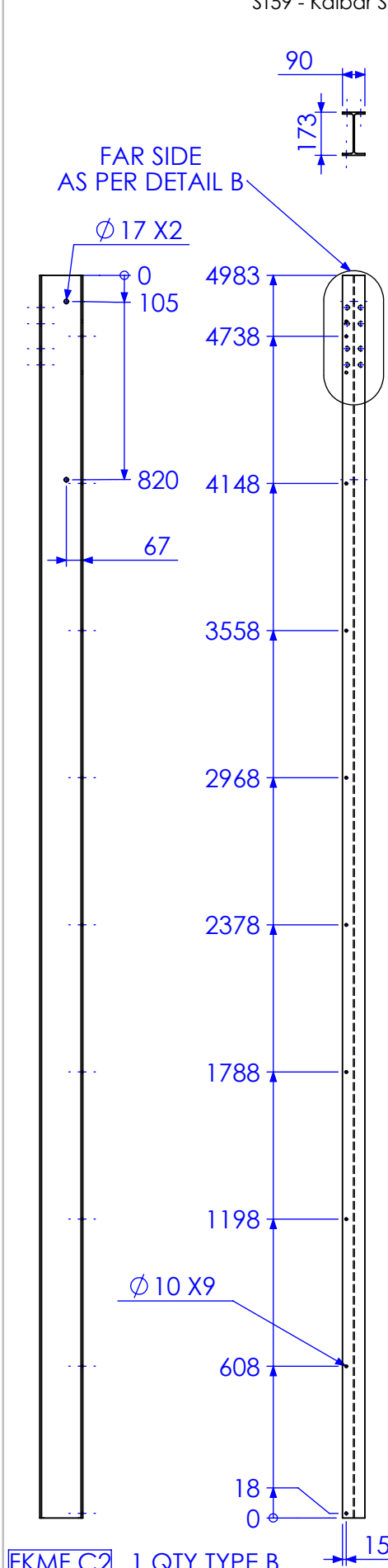
AS1100
THIRD ANGLE PROJECTION
SHEET 2
REV 03
PURPOSE OF DRAWING: FABRICATION



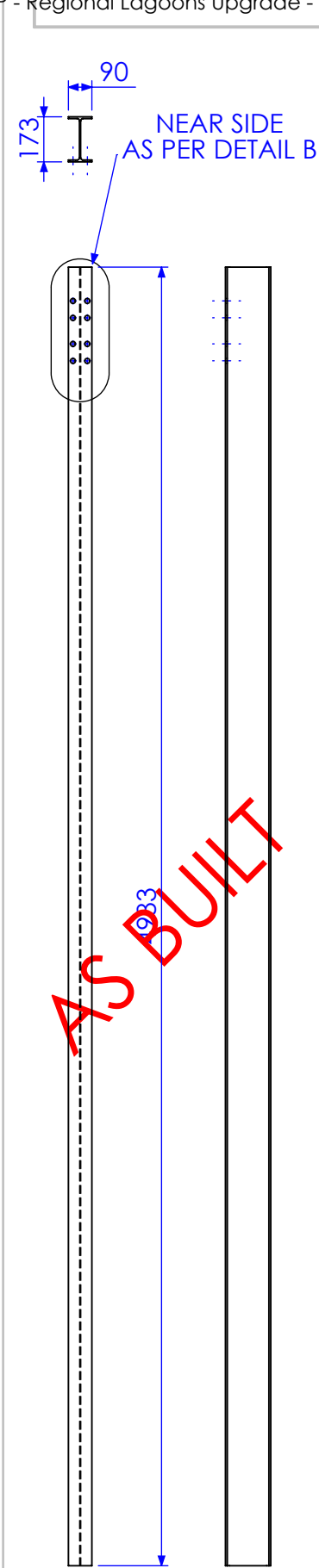
FKMF C1 6 QTY
180 UB 16.1



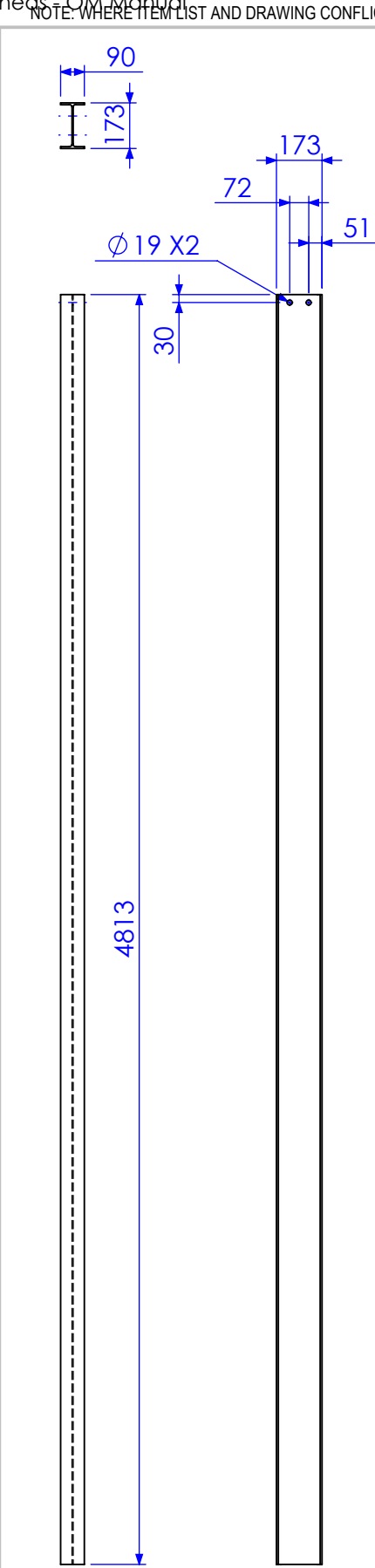
FKMF C2 2 QTY TYPE A
180 UB 16.1



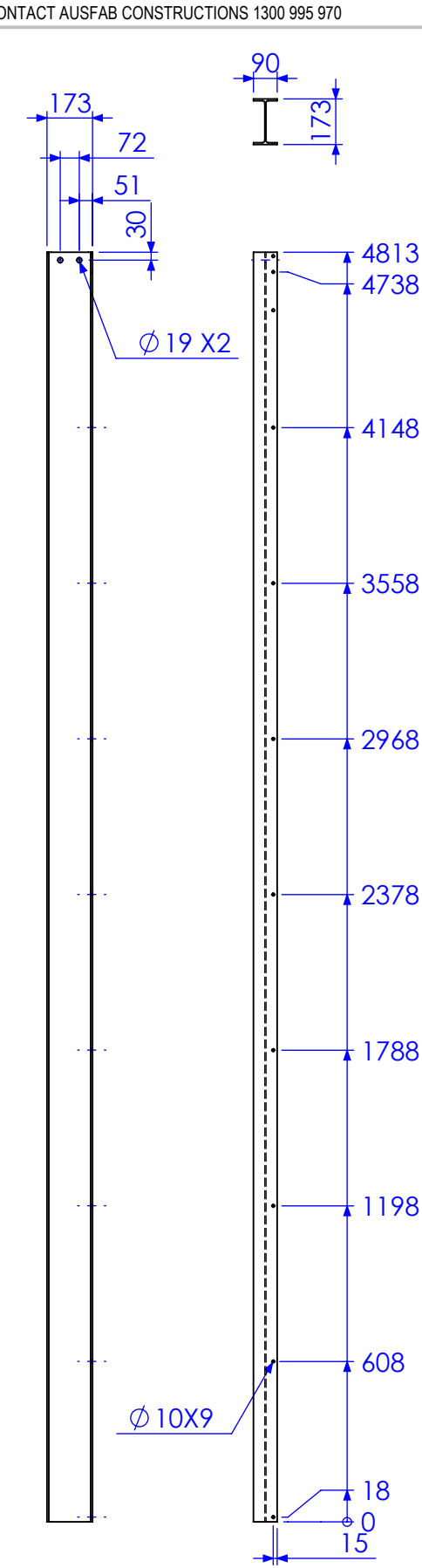
FKMF C2 1 QTY TYPE B
180 UB 16.1



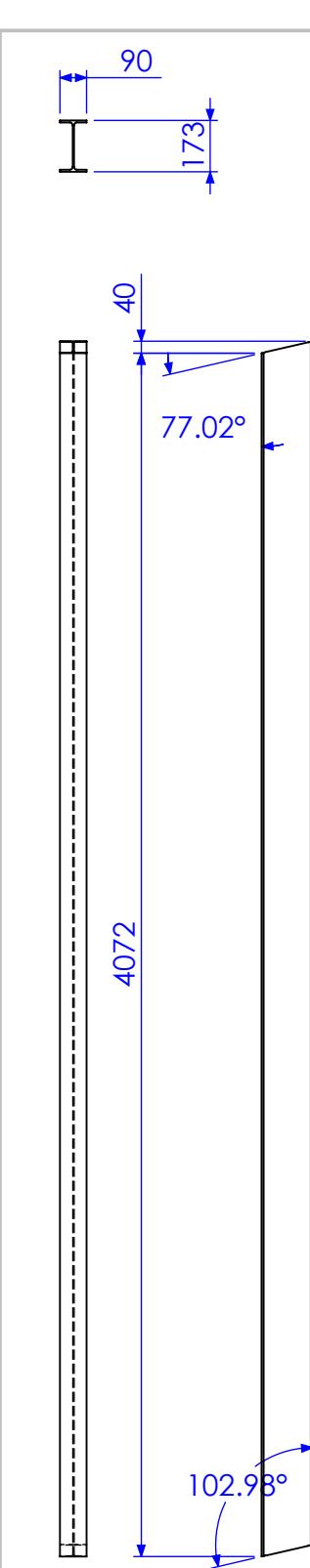
FKMF C2 3 QTY TYPE C
180 UB 16.1



FKMF M2 1 QTY TYPE A
180 UB 16.1



FKMF M2 1 QTY TYPE B
180 UB 16.1



FKMF B3 6 QTY
180 UB 16.1

RELEASED FOR MANUFACTURE

REV	DESCRIPTION	DATE	AMENDED BY
01	INITIAL ISSUE	21/12/2012	SDB
02	REMOVE DUPLICATE MARK NO.	15/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS-	HOT DIPPED GALVANISED (ALLOW FOR DRAINAGE WHERE APPLICABLE)
PROPRIETARY NOTICE	AUSFAB CONSTRUCTIONS
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015

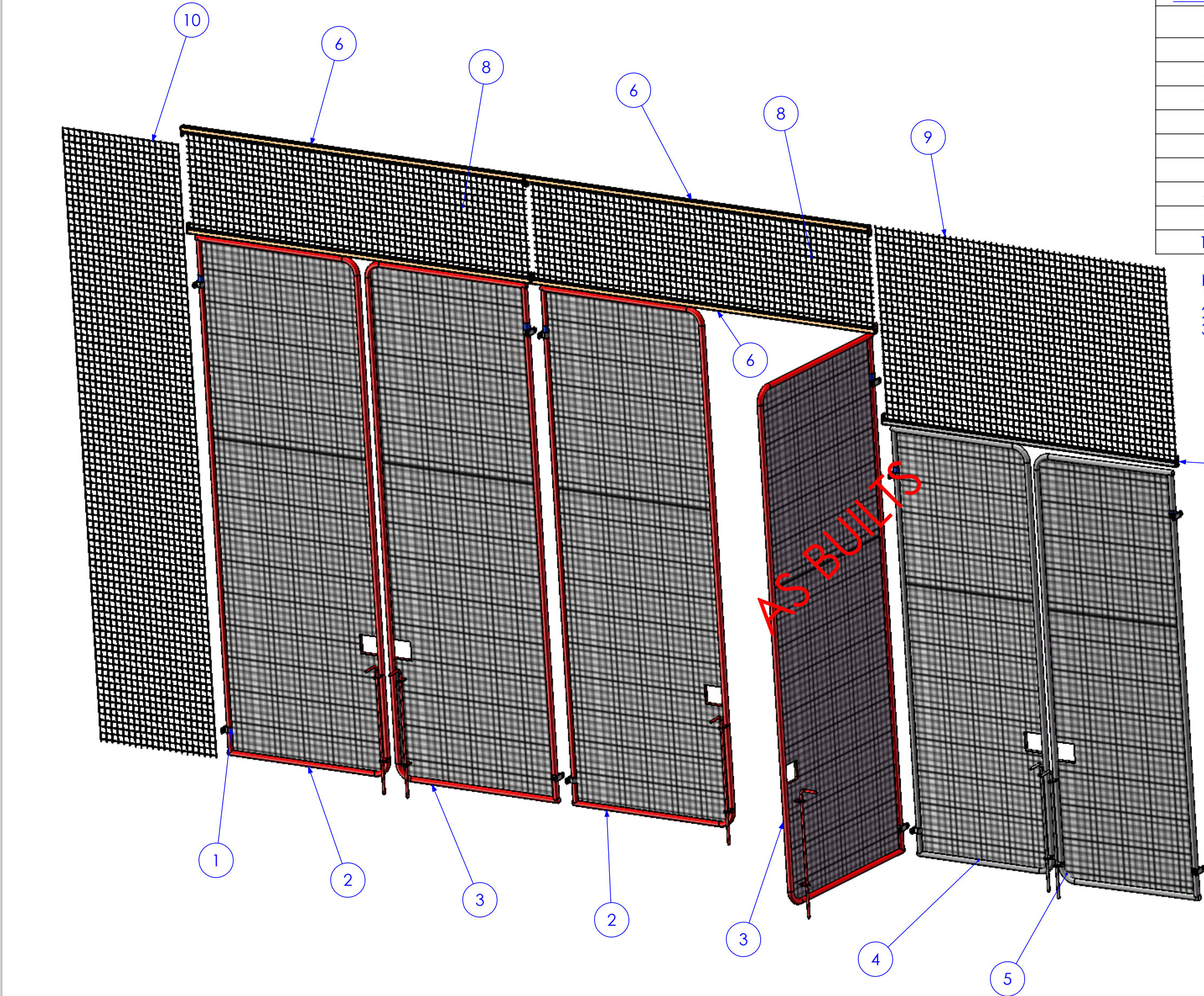
APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK
DRAWING NOTES:	SCALE 1:5 UNO
ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1.	DRAWN SB 21/12/12
FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY:	CHECK EG/DB/NW -
FABRICATION ± 2.0mm	APPROVED - -
MACHINING ± 0.25mm	

JOB NUMBER:	5248
DESCRIPTION	COLUMN FKMF C1B
DRAWING No.	FKMF C1B

QTY: 2 X ABOVE QTYS	AS1100	A3
SHEET 27 of 27	REV 03	
PURPOSE OF DRAWING	FABRICATION	

ITEM NO.	DESCRIPTION	QTY	Part No
1	JORY ASSEMBLY S4/AA/BP4	12	S4/AA/BP4
2	GATE 1A	2	5248-D-A1-A3-P3
3	GATE 1B	2	5248-D-A1-A3-P3
4	GATE 2A	1	5248-D-A1-A3-P3
5	GATE 2B	1	5248-D-A1-A3-P3
6	MESH SUPPORT 1	4	5248-D-A1-A3-P2
7	MESH SUPPORT 2	1	5248-D-A1-A3-P2
8	MESH SECTION 1	2	5248-D-A1-A3-P6
9	MESH SECTION 2	1	5248-D-A1-A3-P6
10	MESH SECTION 3	1	5248-D-A1-A3-P8

- NOTES-
- JORY PARTS STANDARD OUT OF JORY CATALOGUE
 - GATE 1B IS OPPOSITE HAND TO GATE 1A
 - GATE 2B IS OPPOSITE HAND TO GATE 2A



RELEASED FOR MANUFACTURE

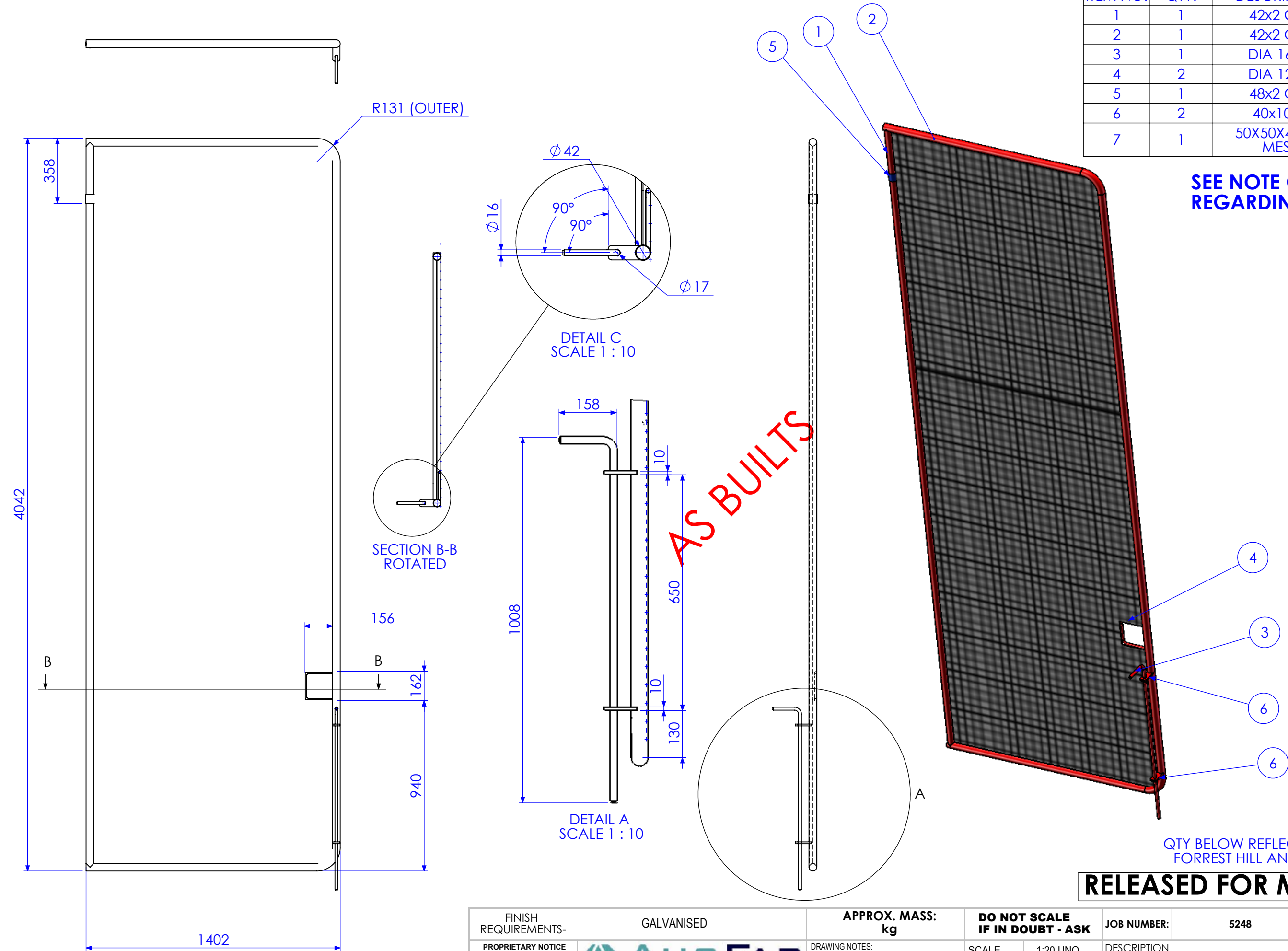
01	INITIAL ISSUE	7/01/2013	SDB
02	FINAL DIMS	8/05/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

REVISIONS

FINISH REQUIREMENTS-	GALVANISED	APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 2 X BOM TABLE QTYs
PROPRIETARY NOTICE	AusFAB CONSTRUCTIONS	DRAWING NOTES:	SCALE 1:30 UNO	DESCRIPTION	AS1100
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983	ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	DRAWN SB 7/01/13	FORREST HILL & KALBAR GATES AND MESH SECTIONS	THIRD ANGLE PROJECTION A3
			CHECK EG/NW 7/01/13		SHEET 1 of 8 REV 03
			APPROVED - -	DRAWING No. 5248-A-A1-A3	PURPOSE OF DRAWING FABRICATION

ITEM NO.	QTY.	DESCRIPTION	LENGTH
1	1	42x2 CHS	4000
2	1	42x2 CHS	6667.98
3	1	DIA 16 RB	1137.12
4	2	DIA 12 RB	461.17
5	1	48x2 CHS	50
6	2	40x10 FL	89.17
7	1	50X50X4 GAL MESH	3958 X 1318

SEE NOTE ON SHEET 1
REGARDING GATE 1B




QTY BELOW REFLECTS TOTAL REQUIRED FOR
FORREST HILL AND KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	7/01/2013	SDB
02	FINAL DIMS	8/05/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

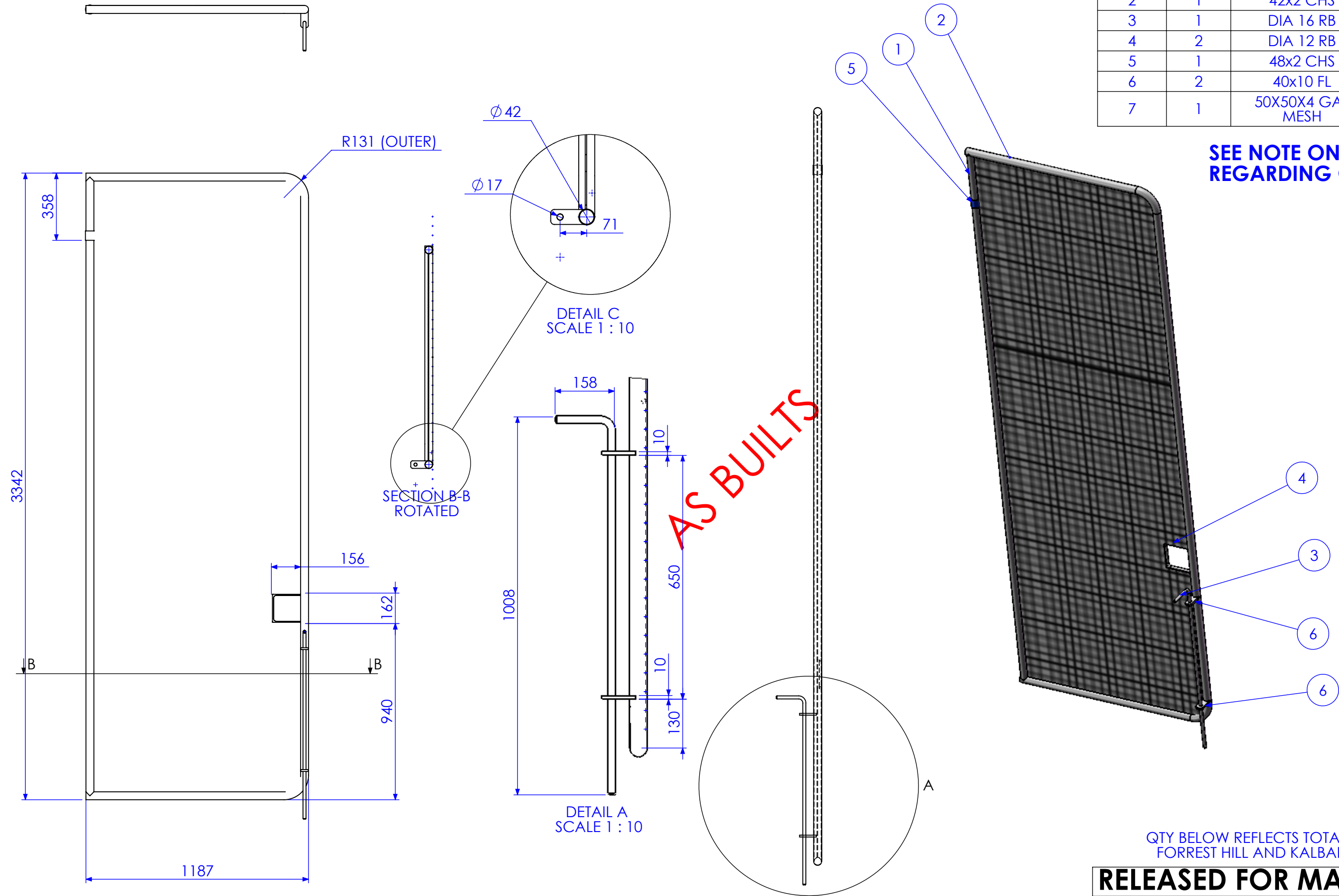
Q:\Pulse Id TMS1174

REVISIONS

FINISH REQUIREMENTS-		GALVANISED		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK			JOB NUMBER:		5248		QTY: 4				
<div>PROPRIETARY NOTICE</div> <div>THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.</div>		<div></div> <div>40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015</div>		<div>DRAWING NOTES:</div> <div>ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm</div>		SCALE		1:20 UNO		DESCRIPTION				AS1100		A3	
						DRAWN		SB 7/01/13						THIRD ANGLE PROJECTION			
						CHECK		EG/NW 7/01/13		GATE 1A				SHEET 2 of 8		REV 03	
						APPROVED		- -						DRAWING No.		5248-D-A1-A3-P3	
														FABRICATION			

ITEM NO.	QTY.	DESCRIPTION	LENGTH
1	1	42x2 CHS	3300
2	1	42x2 CHS	5537.98
3	1	DIA 16 RB	1137.12
4	2	DIA 12 RB	461.17
5	1	48x2 CHS	50
6	2	40x10 FL	89.17
7	1	50X50X4 GAL MESH	3258 X 1103

SEE NOTE ON SHEET 1
REGARDING GATE 2B



QTY BELOW REFLECTS TOTAL REQUIRED FOR
FORREST HILL AND KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	7/01/2013	SDB
02	FINAL DIMS	8/05/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS- GALVANISED

PROPRIETARY NOTICE

THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.

AusFAB CONSTRUCTIONS

40 Kenilworth Street, Warwick, Queensland, Australia 4011
Phone: 1300 995 970
Fax: 1300 998 983

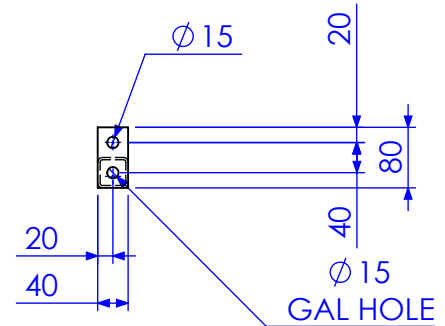
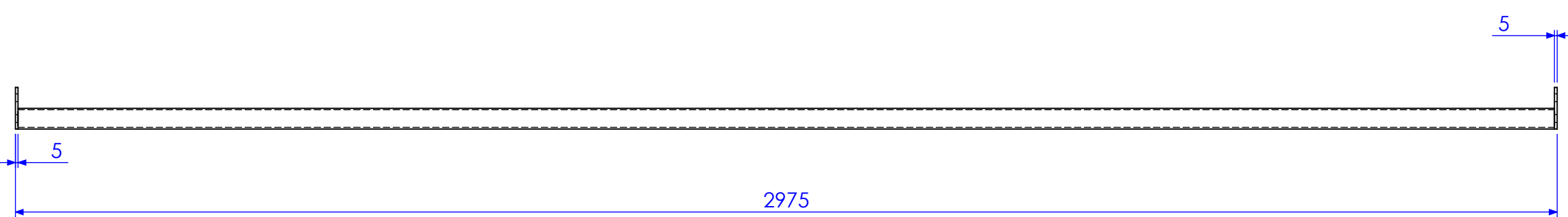
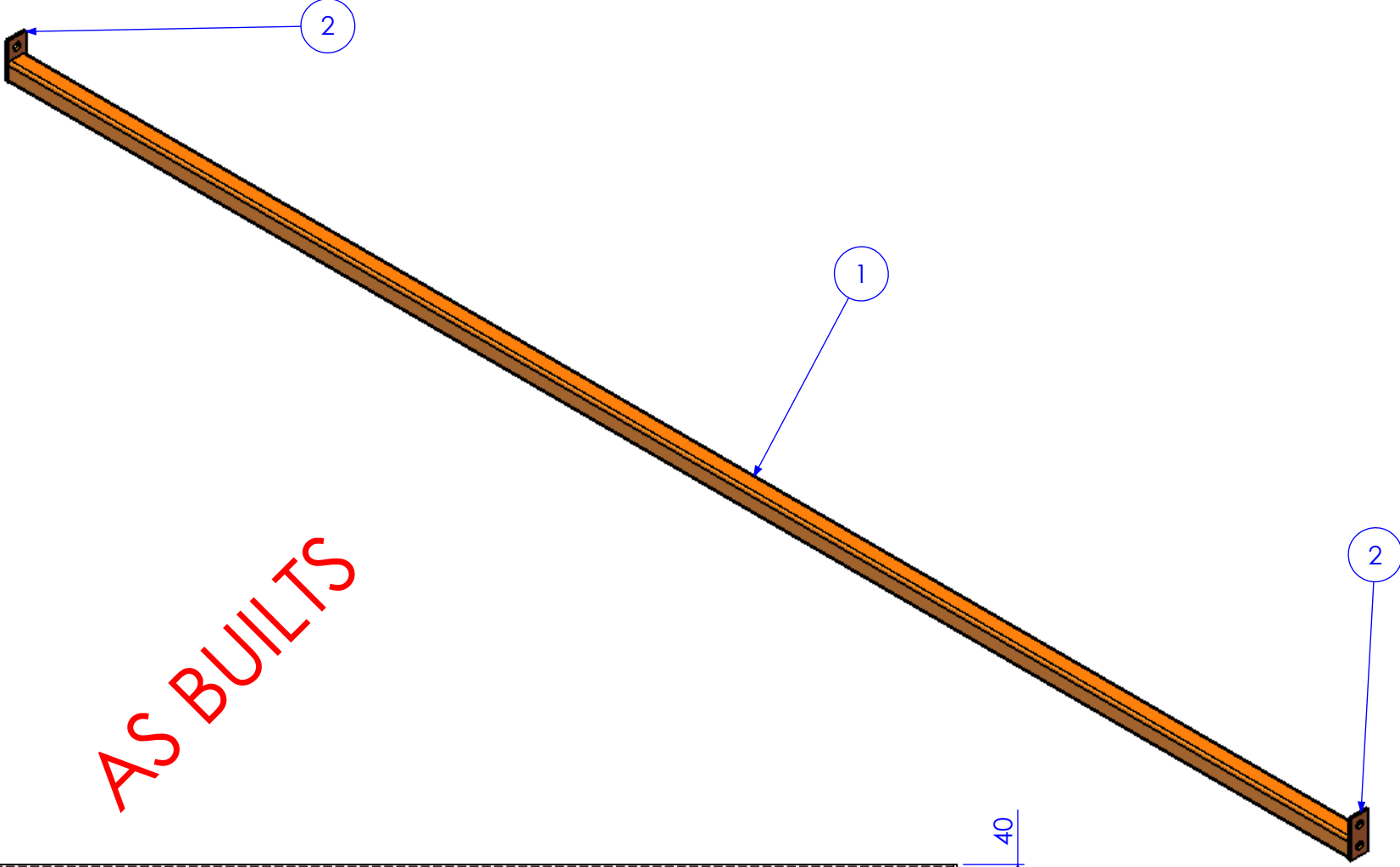
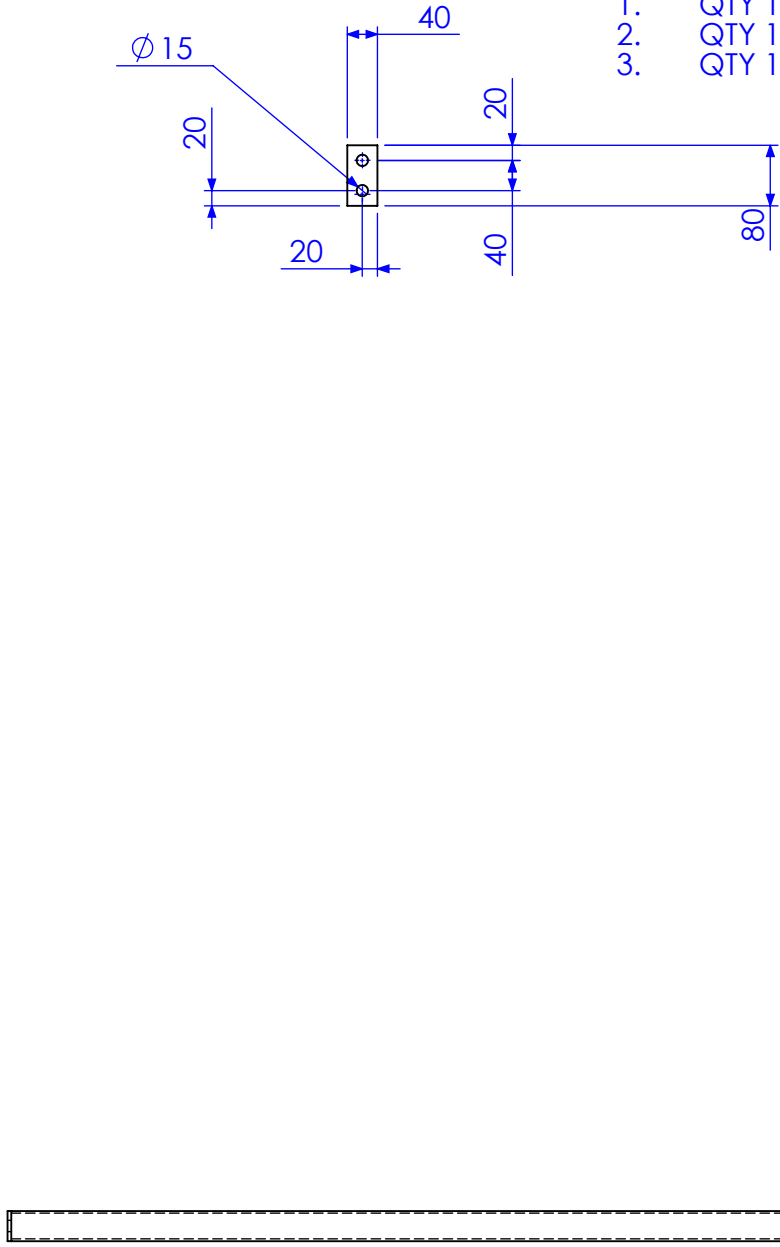
APPROX. MASS: kg

DRAWING NOTES:
ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1.
FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY:
FABRICATION ± 2.0mm
MACHINING ± 0.25mm

DO NOT SCALE IF IN DOUBT - ASK			JOB NUMBER:	5248	QTY: 4
SCALE	1:20 UNO	DESCRIPTION GATE 2A			
DRAWN	SB 7/01/13				
CHECK	EG/NW 7/01/13				
APPROVED	-				
			DRAWING No.	5248-D-A1-A3-P3	PURPOSE OF DRAWING FABRICATION

ITEM NO.	QTY.	DESCRIPTION	LENGTH
1	1	40x40x3 SHS	2964.5
2	2	40x5 FL	80

PACKERS REQUIRED
1. QTY 12 IN 2MM
2. QTY 12 IN 3MM
3. QTY 12 IN 5MM




QTY BELOW REFLECTS TOTAL REQUIRED FOR
FORREST HILL AND KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

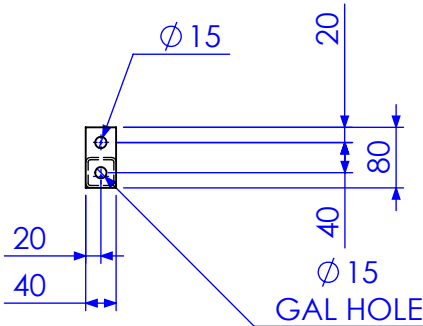
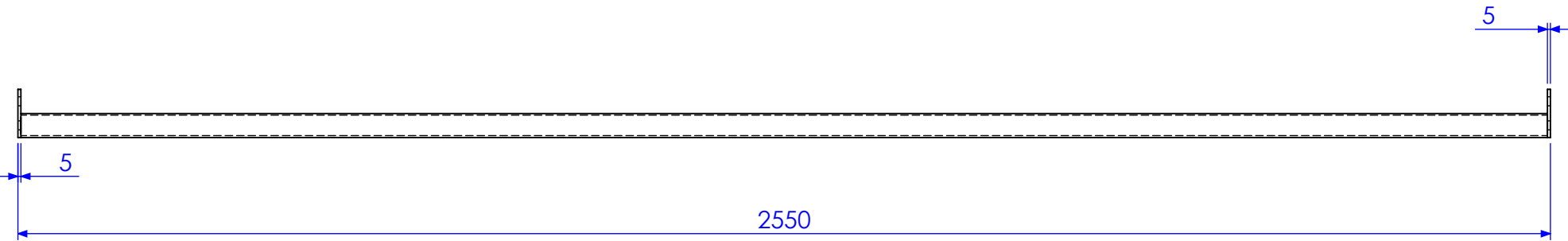
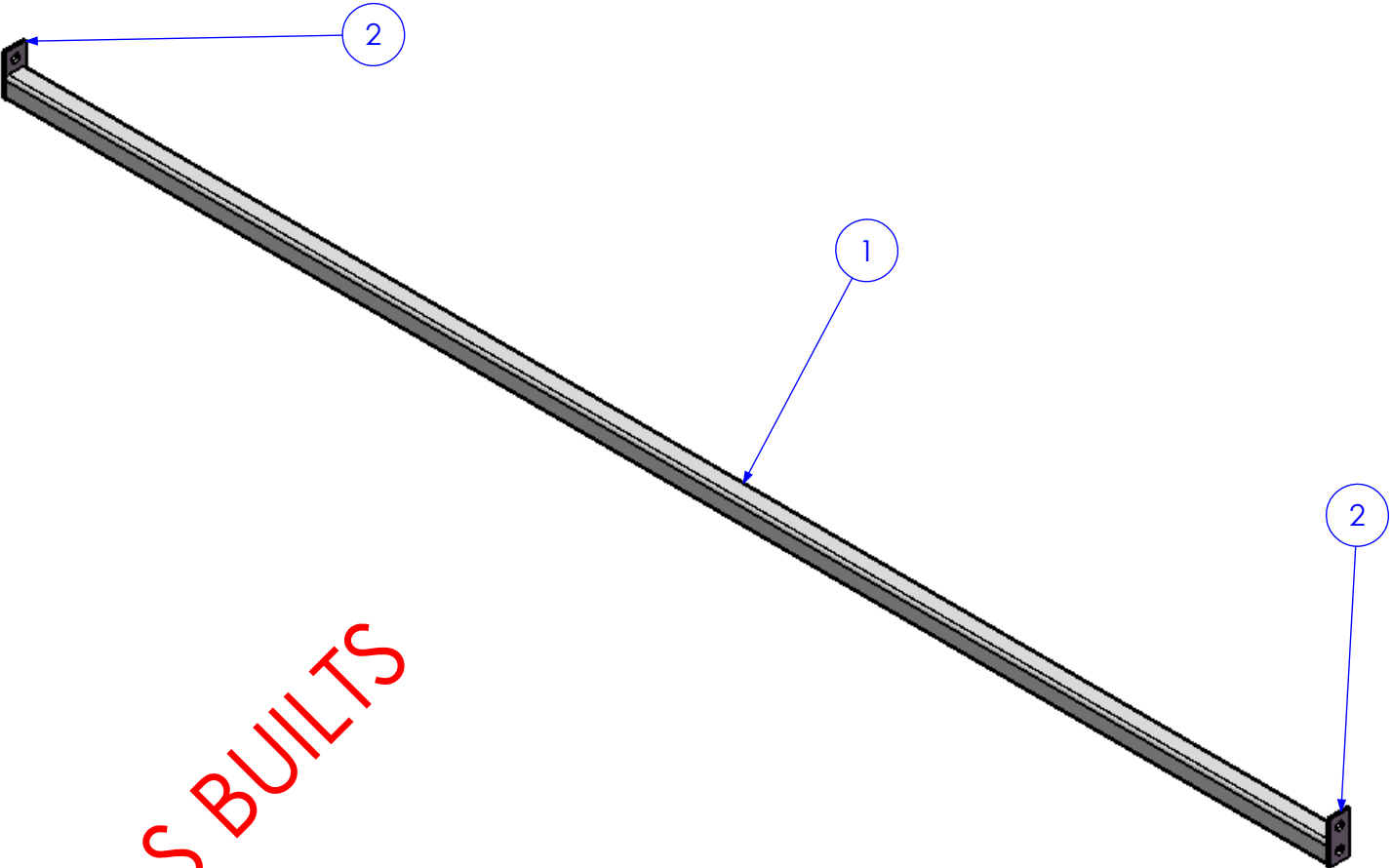
01	INITIAL ISSUE	7/01/2013	SDB
02	FINAL DIMS	8/05/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

Q:\Pulse Id TMS1174

REVISIONS

FINISH REQUIREMENTS-	GALVANISED	APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 8
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	 40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015	DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	SCALE 1:10 UNO DRAWN SB 7/01/13 CHECK EG/NW 7/01/13 APPROVED - -	DESCRIPTION MESH SUPPORT 1 DRAWING No. 5248-D-A1-A3-P2	AS1100 THIRD ANGLE PROJECTION SHEET 4 of 8 REV 03 PURPOSE OF DRAWING FABRICATION

ITEM NO.	QTY.	DESCRIPTION	LENGTH
1	1	40x40x3 SHS	2539.5
2	2	40x5 FL	80

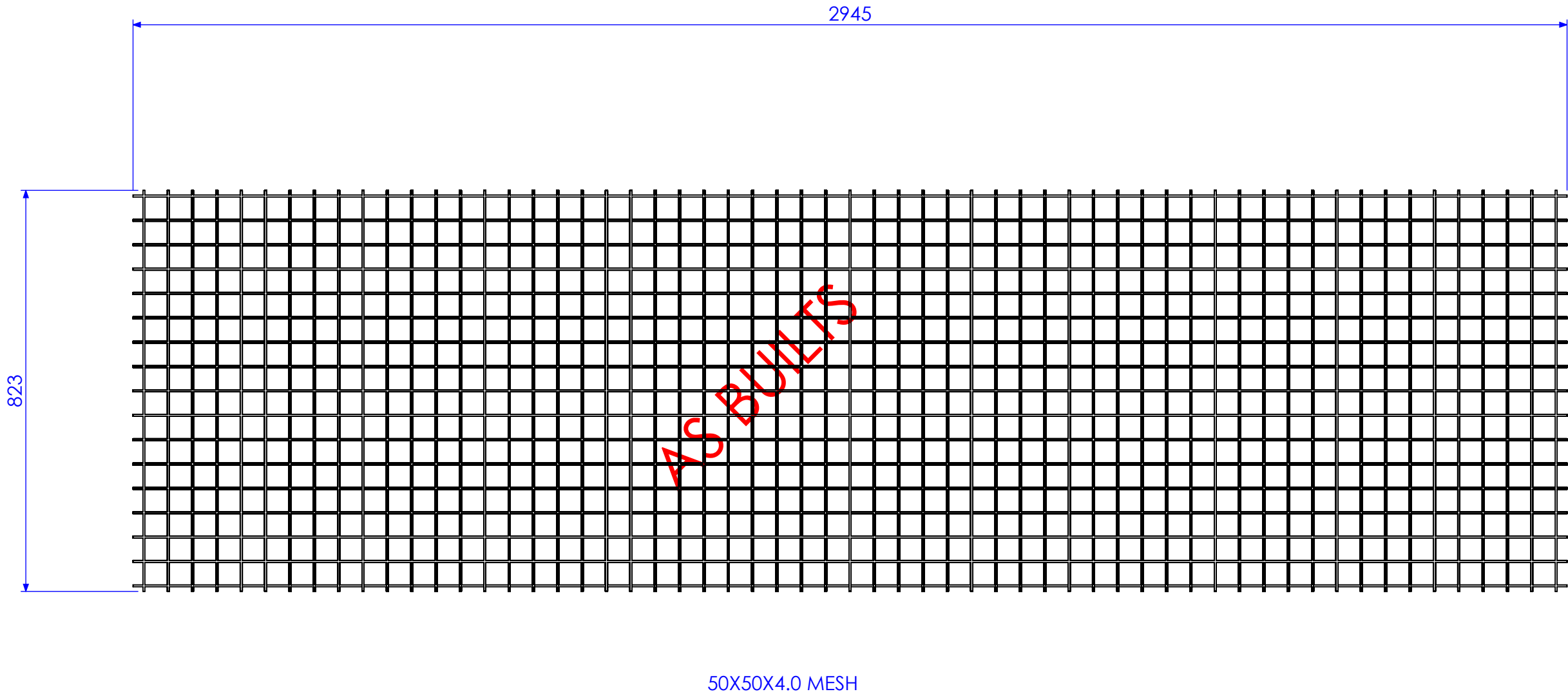


QTY BELOW REFLECTS TOTAL REQUIRED FOR
FORREST HILL AND KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	7/01/2013	SDB
02	FINAL DIMS	8/05/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY


FINISH REQUIREMENTS-	GALVANISED	APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 4
PROPRIETARY NOTICE	AusFAB CONSTRUCTIONS	DRAWING NOTES:	SCALE 1:10 UNO	DESCRIPTION	AS1100 THIRD ANGLE PROJECTION A3
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983	ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	DRAWN SB 7/01/13 CHECK EG/NW 7/01/13 APPROVED - -	MESH SUPPORT 2	SHEET 5 of 8 REV 03
				DRAWING No. 5248-D-A1-A3-P2	PURPOSE OF DRAWING FABRICATION

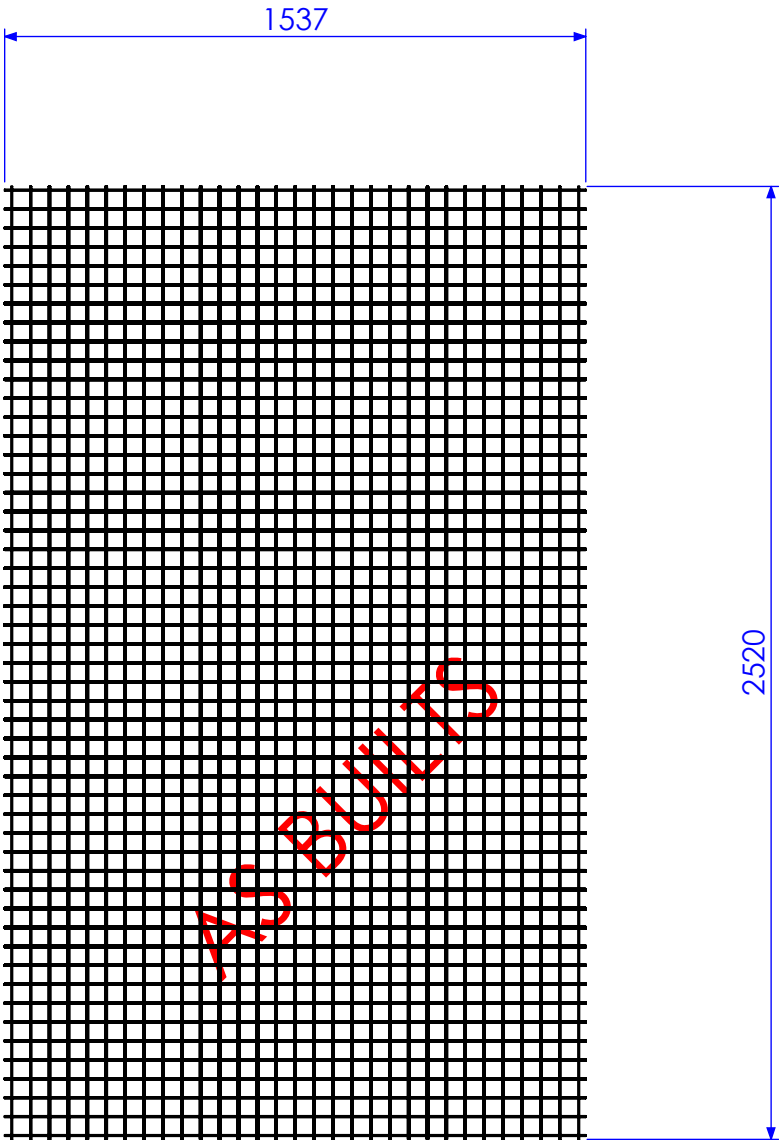


QTY BELOW REFLECTS TOTAL REQUIRED FOR
FORREST HILL AND KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	7/01/2013	SDB
02	FINAL DIMS	8/05/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY
Revisions			

FINISH REQUIREMENTS-		GALVANISED		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK			JOB NUMBER:		5248		QTY: 4				
<div>PROPRIETARY NOTICE</div> <div>THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.</div>		<div></div> <div>40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983</div> <div>15/05/2015</div>		<div>DRAWING NOTES:</div> <div>ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1.</div> <div>FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY:</div> <div>FABRICATION ± 2.0mm</div> <div>MACHINING ± 0.25mm</div>		SCALE		1:10 UNO		<div>DESCRIPTION</div> <div>MESH SECTION 1</div>				AS1100		A3	
DRAWN		SB		7/01/13		THIRD ANGLE PROJECTION											
CHECK		EG/NW		7/01/13		SHEET 6 of 8		REV						03			
APPROVED		-		-		PURPOSE OF DRAWING		FABRICATION									
DRAWING No.		5248-D-A1-A3-P6										Page 59 of 72					




50X50X4.0 MESH

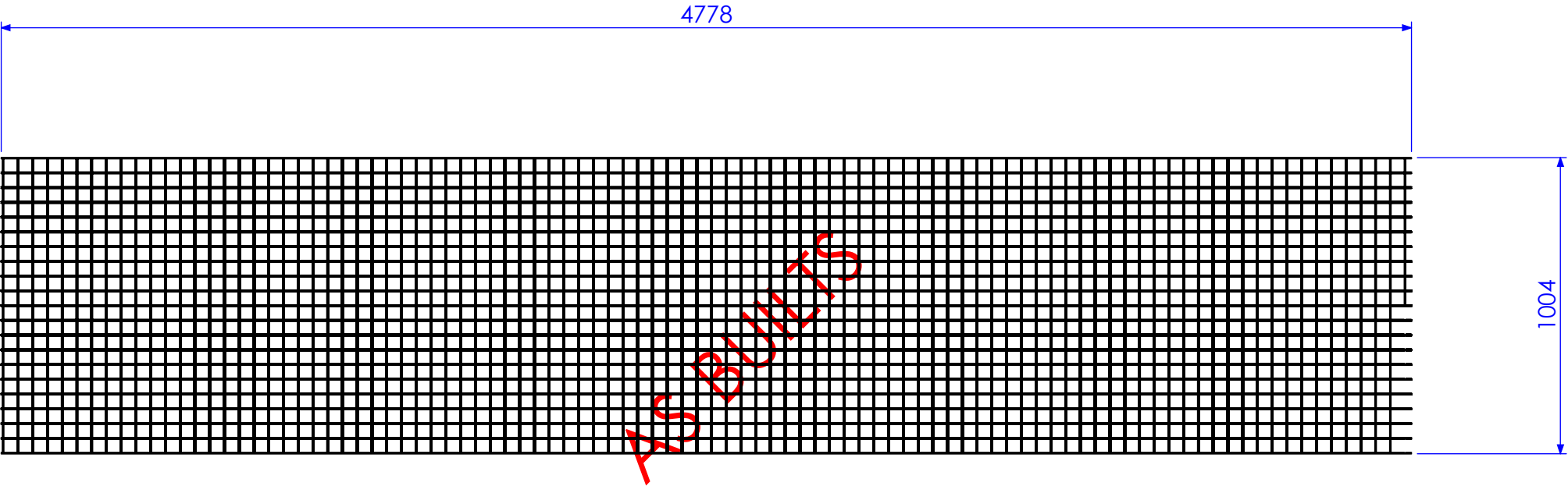
QTY BELOW REFLECTS TOTAL REQUIRED FOR
FORREST HILL AND KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	7/01/2013	SDB
02	FINAL DIMS	8/05/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY
REVISIONS			

QPL Use Id TMS1174

FINISH REQUIREMENTS-		GALVANISED		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK			JOB NUMBER:		5248		QTY: 2				
<div>PROPRIETARY NOTICE</div> <div>THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.</div>		<div></div> <div>40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983</div> <div>15/05/2015</div>		<div>DRAWING NOTES:</div> <div>ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm</div>			SCALE		1:20 UNO		<div>DESCRIPTION</div> <div>MESH SECTION 2</div>				AS1100		A3
							DRAWN		SB 7/01/13						THIRD ANGLE PROJECTION		
							CHECK		EG/NW 7/01/13						SHEET 7 of 8		
							APPROVED		-		-		DRAWING No.		5248-D-A1-A3-P6		PURPOSE OF DRAWING FABRICATION




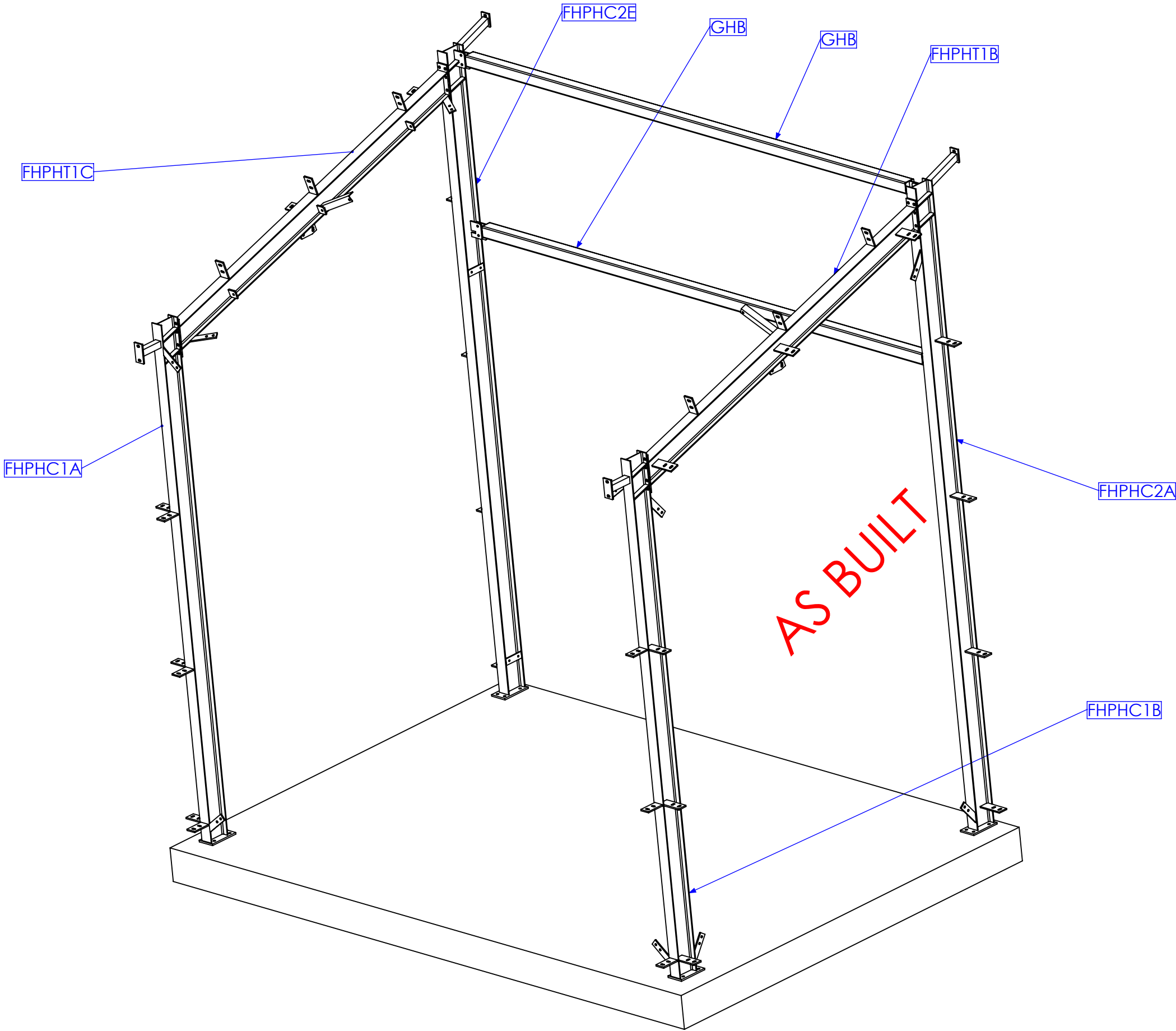
50X50X4.0 MESH

QTY BELOW REFLECTS TOTAL REQUIRED FOR
FORREST HILL AND KALBAR MF BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	7/01/2013	SDB
02	FINAL DIMS	8/05/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY
REVISIONS			

FINISH REQUIREMENTS-		GALVANISED		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK			JOB NUMBER:		5248		QTY: 2				
<div>PROPRIETARY NOTICE</div> <div>THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.</div>		<div></div> <div>40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983</div> <div>15/05/2015</div>		<div>DRAWING NOTES:</div> <div>ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1.</div> <div>FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY:</div> <div>FABRICATION ± 2.0mm</div> <div>MACHINING ± 0.25mm</div>		SCALE		1:20 UNO		<div>DESCRIPTION</div> <div>MESH SECTION 3</div>				AS1100		A3	
						DRAWN		SB 7/01/13						THIRD ANGLE PROJECTION			
						CHECK		EG/NW 7/01/13						SHEET 8 of 8		REV 03	
						APPROVED		- -						PURPOSE OF DRAWING			
DRAWING No.		5248-D-A1-A3-P8		Page 61 of 72		FABRICATION											



MARK NO.	DESCRIPTION	QTY
FHPHC1A	COLUMN NO.1A	1
FHPHC1B	COLUMN NO.1B	1
FHPHC2A	COLUMN NO.2A	1
FHPHC2E	COLUMN NO.2E	1
FHPHT1C	BEAM 1C	1
FHPHT1B	BEAM 1B	1
PFB	PURLIN FLY BRACE	2
GHB	GATE HEADER BEAM	2

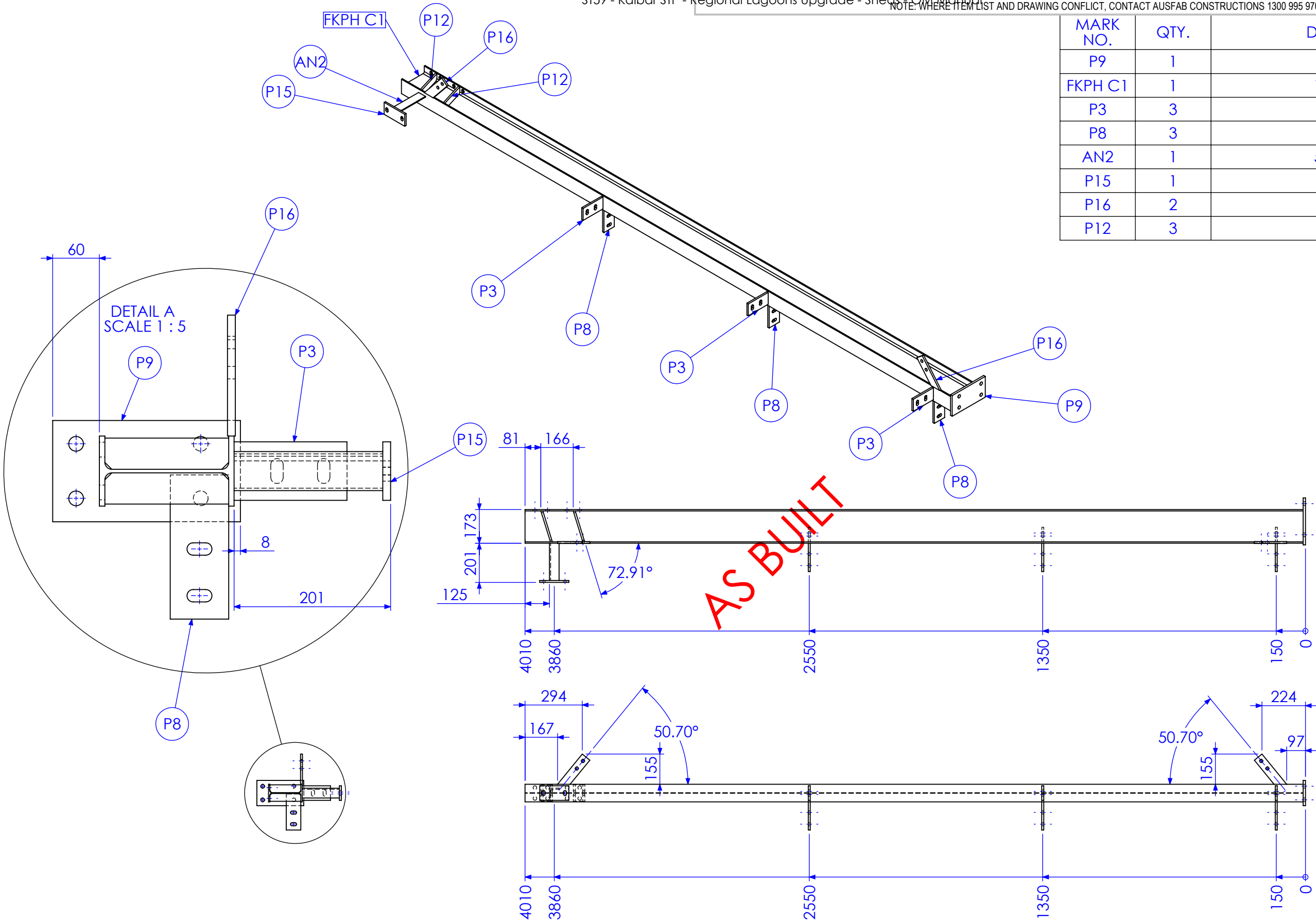
RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	6/02/2013	SDB
02	REMOVE MIDDLE PORTAL AND ADD STRUTS	25/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY
Revised to TMS1174			
REVISIONS			

FINISH REQUIREMENTS-	GALVANISED (ALLOW DRAINAGE ON ALL ITEMS) DRAIN HOLES NOT SHOWN ON DRAWING
PROPRIETARY NOTICE	AUSFAB CONSTRUCTIONS
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	
40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983	
15/05/2015	

APPROX. MASS: kg	DO NOT SCALE IF IN DOUBT - ASK	JOB NUMBER: 5248	QTY: 2 X BOM TABLE QTYS
DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm	SCALE 1:30 UNO	DESCRIPTION PH BEAMS & COLUMNS FABRICATION FOR FOREST HILL & KALBAR	AS1100 THIRD ANGLE PROJECTION A3
DRAWN SB 6/02/13	CHECK EG 6/02/13	DRAWING No. 5248-E-A1-A1	SHEET 1 of 10 REV 03
APPROVED	-		PURPOSE OF DRAWING PROCUREMENT

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKPH C1	1	180 UB 16.1	3998
P3	3	75x10 FL	145
P8	3	75x10 FL	185
AN2	1	50x50x6 EA	191
P15	1	75x10 FL	150
P16	2	50x10 FL	200.46
P12	3	40x10 FL	169.42



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR PH BUILDINGS

RELEASED FOR MANUFACTURE

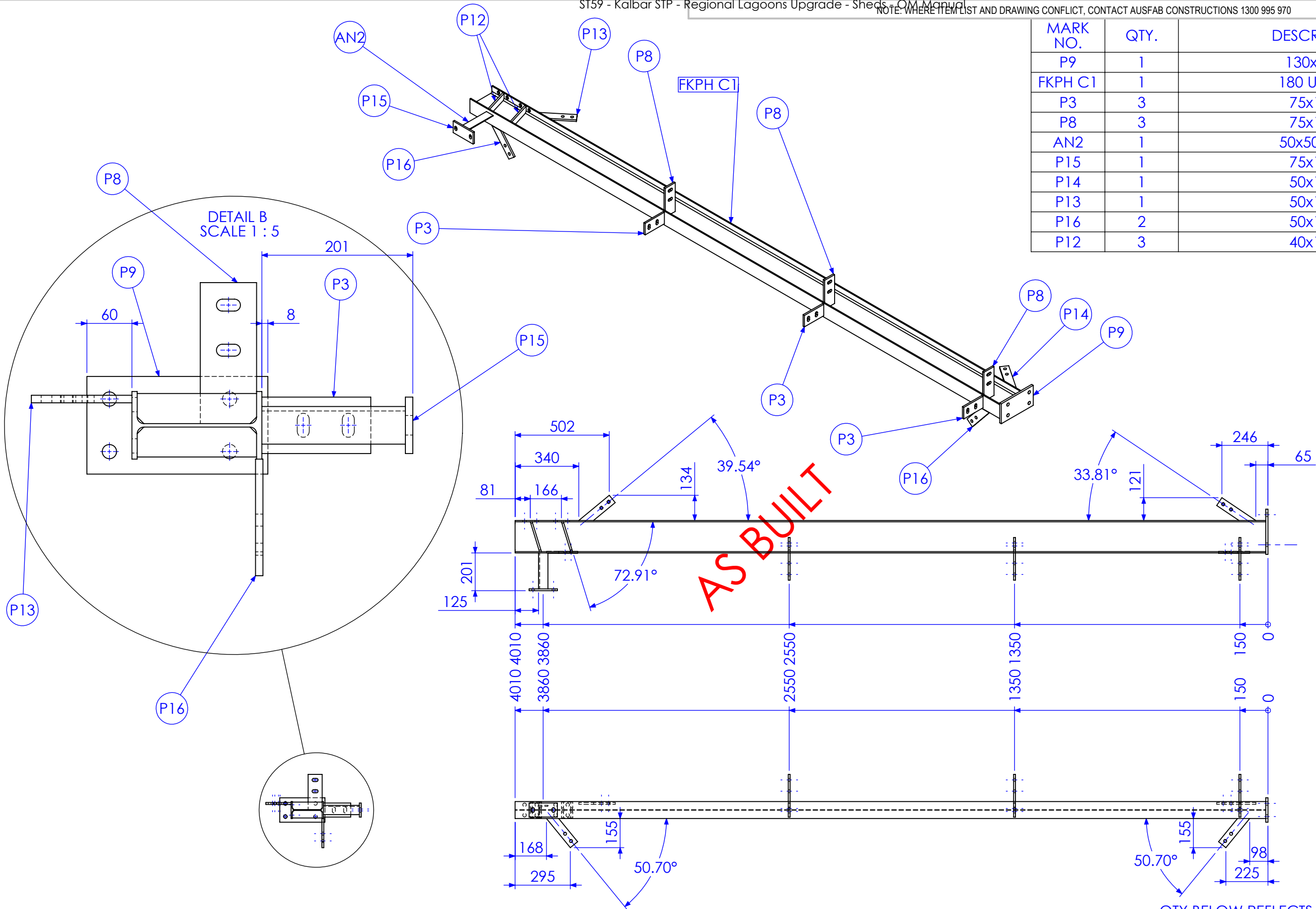
01	INITIAL ISSUE	6/02/2013	SDB
02	REMOVE MIDDLE PORTAL AND ADD STRUTS	25/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

FINISH REQUIREMENTS-	GALVANISED (ALLOW DRAINAGE ON ALL ITEMS) DRAIN HOLES NOT SHOWN ON DRAWING
PROPRIETARY NOTICE	AUSFAB CONSTRUCTIONS THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.
	40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983

APPROX. MASS:	kg
DO NOT SCALE IF IN DOUBT - ASK	
DRAWING NOTES:	ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm
SCALE	1:20 UNO
DRAWN	SB 6/02/13
CHECK	EG 6/02/13
APPROVED	-

JOB NUMBER:	5248
QTY:	2
DESCRIPTION	AS1100 THIRD ANGLE PROJECTION SHEET 2 of 10 REV 03
PURPOSE OF DRAWING	PROCUREMENT
DRAWING No.	FHPHC1A

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKPH C1	1	180 UB 16.1	3998
P3	3	75x10 FL	145
P8	3	75x10 FL	187.75
AN2	1	50x50x6 EA	191
P15	1	75x10 FL	150
P14	1	50x10 FL	217.32
P13	1	50x10 FL	210.28
P16	2	50x10 FL	200.46
P12	3	40x10 FL	169.42



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR PH BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	6/02/2013	SDB
02	REMOVE MIDDLE PORTAL AND ADD STRUTS	25/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY
REVISIONS			

FINISH REQUIREMENTS-	GALVANISED (ALLOW DRAINAGE ON ALL ITEMS) DRAIN HOLES NOT SHOWN ON DRAWING
PROPRIETARY NOTICE	AUSFAB CONSTRUCTIONS
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	
40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983	
15/05/2015	

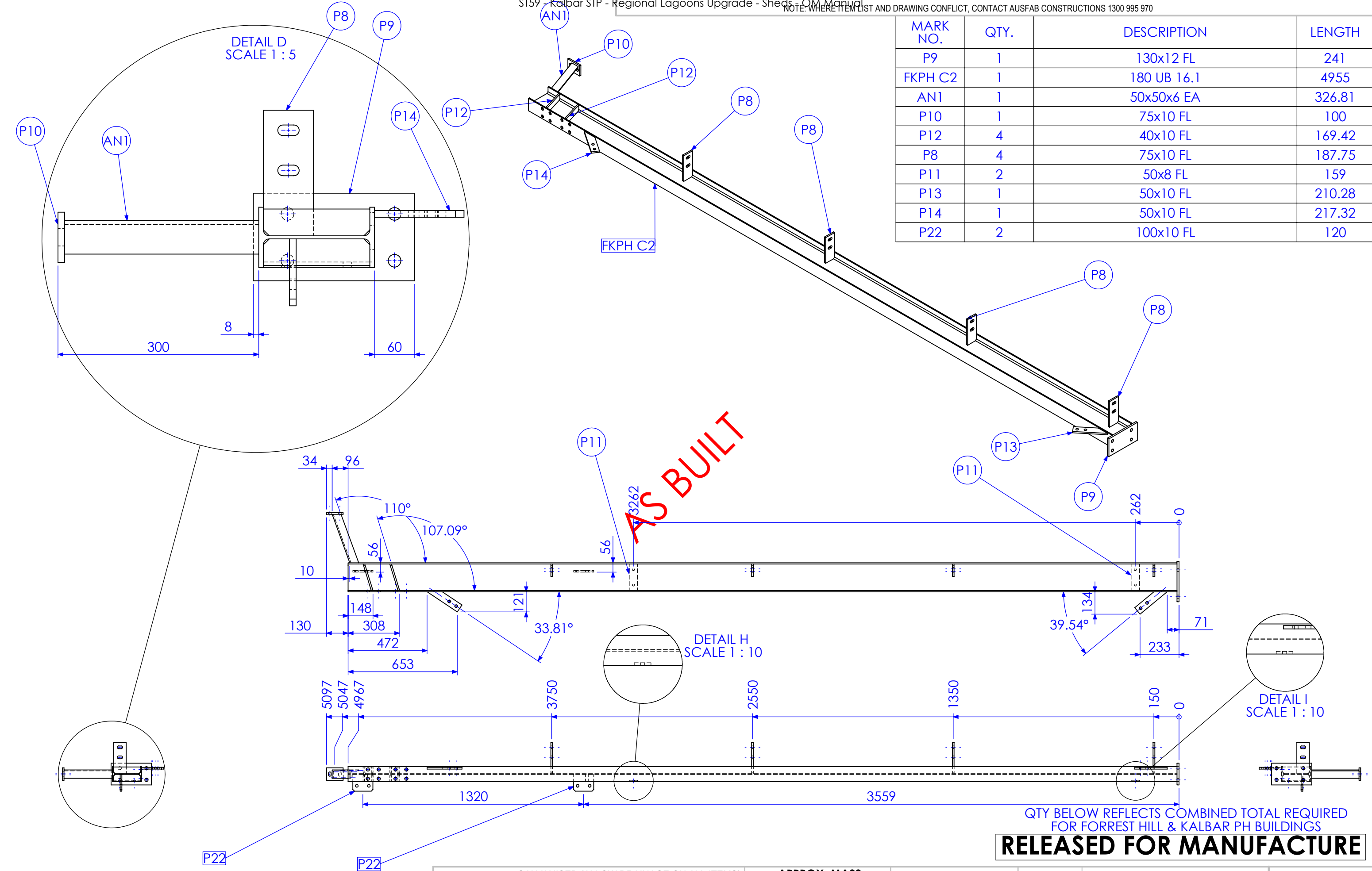
APPROX. MASS:	kg
DRAWING NOTES:	ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm

DO NOT SCALE IF IN DOUBT - ASK	SCALE	1:20 UNO
DRAWN	SB	6/02/13
CHECK	EG	6/02/13
APPROVED	-	-

JOB NUMBER:	5248
DESCRIPTION	COLUMN NO.1B
DRAWING No.	FHPHC1B

QTY: 2	AS1100	A3
SHEET 3 of 10	REV	03
PURPOSE OF DRAWING	PROCUREMENT	

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKPH C2	1	180 UB 16.1	4955
AN1	1	50x50x6 EA	326.81
P10	1	75x10 FL	100
P12	4	40x10 FL	169.42
P8	4	75x10 FL	187.75
P11	2	50x8 FL	159
P13	1	50x10 FL	210.28
P14	1	50x10 FL	217.32
P22	2	100x10 FL	120



01	INITIAL ISSUE	6/02/2013	SDB
02	REMOVE MIDDLE PORTAL AND ADD STRUTS	25/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

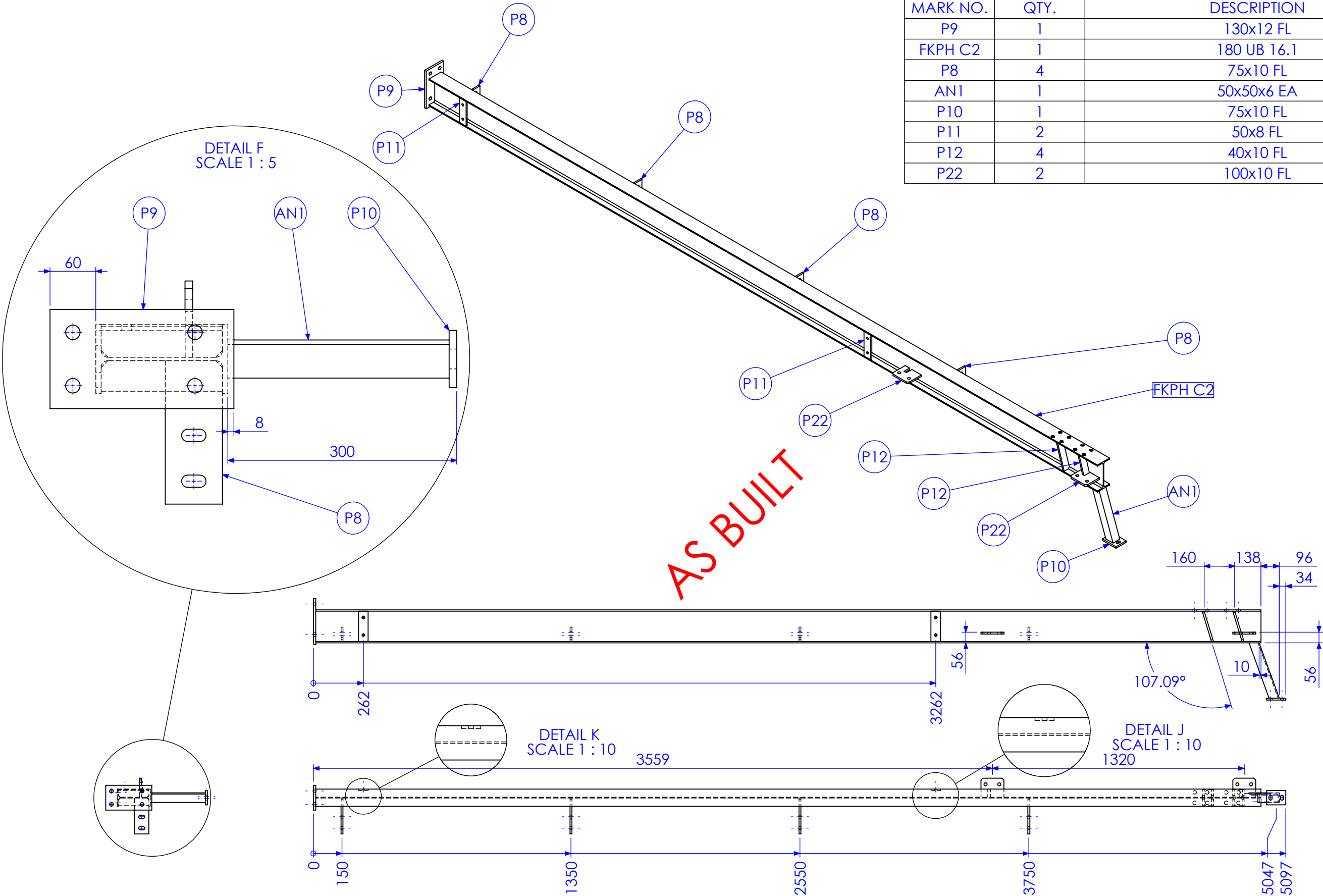
FINISH REQUIREMENTS-	GALVANISED (ALLOW DRAINAGE ON ALL ITEMS) DRAIN HOLES NOT SHOWN ON DRAWING
PROPRIETARY NOTICE	AUSFAB CONSTRUCTIONS
THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.	40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983

APPROX. MASS:	kg
DRAWING NOTES:	ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm

DO NOT SCALE IF IN DOUBT - ASK	SCALE	1:20 UNO
	DRAWN	SB 6/02/13
	CHECK	EG 6/02/13
	APPROVED	-

JOB NUMBER:	5248	QTY: 2
DESCRIPTION	COLUMN NO.2A	AS1100 THIRD ANGLE PROJECTION SHEET 4 of 10 REV 03
DRAWING No.	FHPHC2A	PURPOSE OF DRAWING PROCUREMENT

MARK NO.	QTY.	DESCRIPTION	LENGTH
P9	1	130x12 FL	241
FKPH C2	1	180 UB 16.1	4955
P8	4	75x10 FL	187.75
AN1	1	50x50x6 EA	326.81
P10	1	75x10 FL	100
P11	2	50x8 FL	159
P12	4	40x10 FL	169.42
P22	2	100x10 FL	120

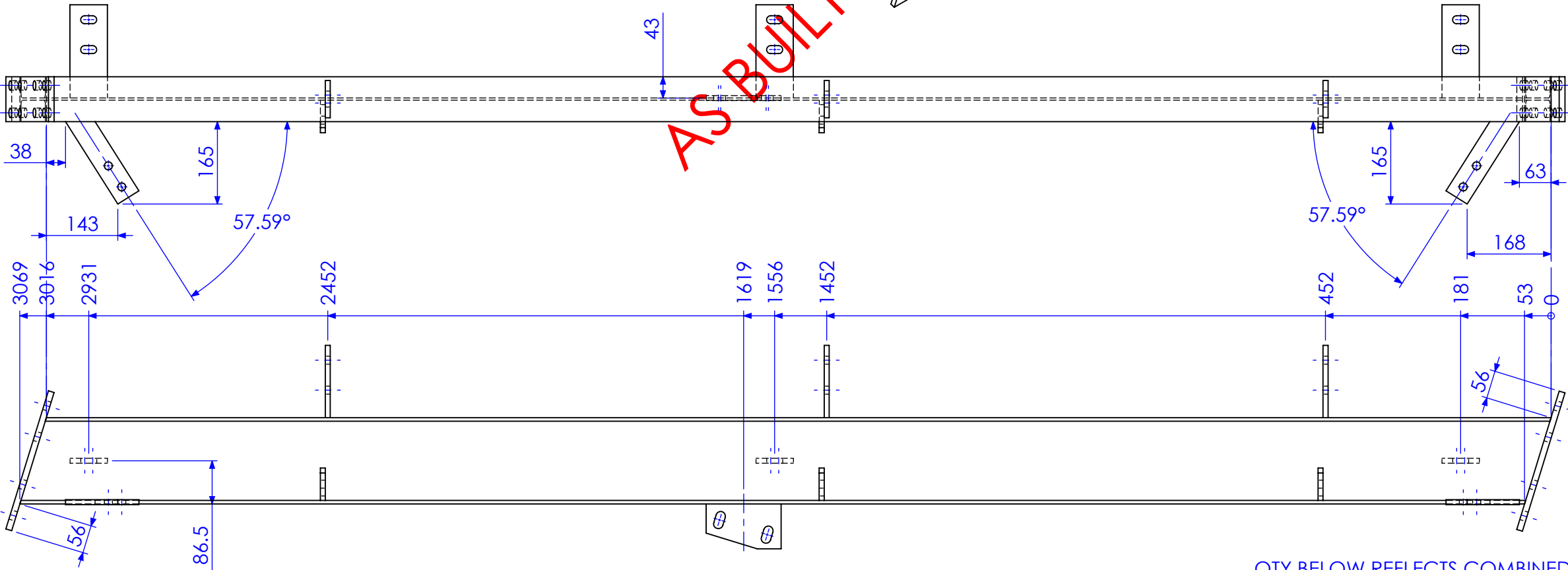
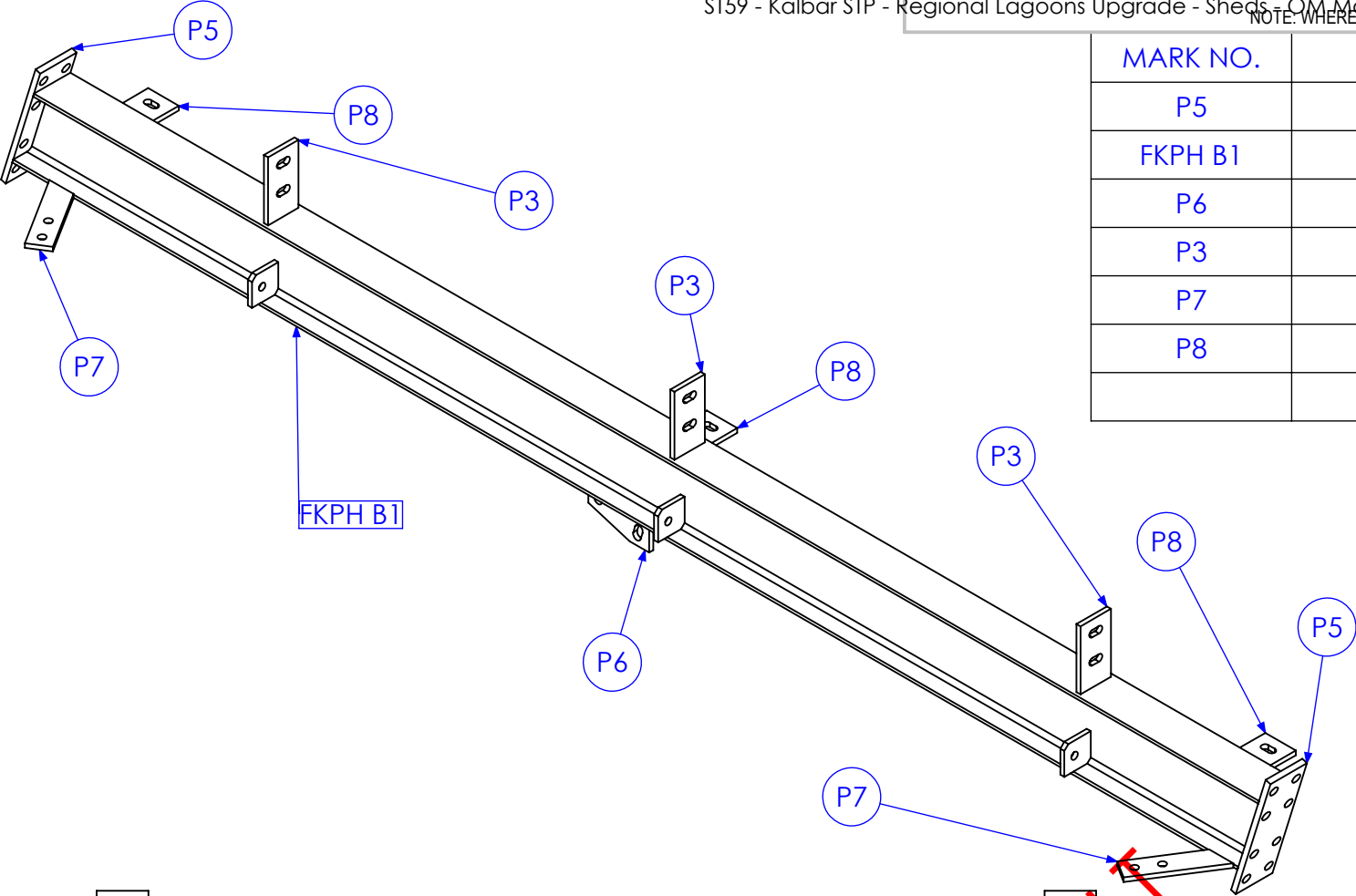


QTY BELOW REFLECTS COMBINED TOTAL REQUIRED
FOR FORREST HILL & KALBAR PH BUILDINGS
RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	6/02/2013	SDB
02	REMOVE MIDDLE PORTAL AND ADD STRUTS	25/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY
Revised to TMS1174			
REVISIONS			

FINISH GALVANISED (ALLOW DRAINAGE ON ALL ITEMS) REQUIREMENTS- DRAIN HOLES NOT SHOWN ON DRAWING		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER:	5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		AUSFAB CONSTRUCTIONS		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:20 UNO		DESCRIPTION	
				DRAWN SB 6/02/13		CHECK EG 6/02/13		APPROVED - -	
				DRAWING No.		FHPHC2E		COLUMN NO.2E	
				AS1100 THIRD ANGLE PROJECTION		SHEET 5 of 10		REV 03	
				PURPOSE OF DRAWING		PROCUREMENT		Page 66 of 72	

MARK NO.	QTY.	DESCRIPTION	LENGTH
P5	2	90x12 FL	290
FKPH B1	1	180 UB 16.1	3069.33
P6	1	90x10 FL	150
P3	3	75x10 FL	145
P7	2	50x10 FL	195.87
P8	3	75x10 FL	187
	3	65x10 FL	65



QTY BELOW REFLECTS COMBINED TOTAL REQUIRED
FOR FORREST HILL & KALBAR PH BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	6/02/2013	SDB
02	REMOVE MIDDLE PORTAL AND ADD STRUTS	25/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY
Revised to TMS1174			
REVISIONS			

FINISH REQUIREMENTS- GALVANISED (ALLOW DRAINAGE ON ALL ITEMS)
DRAIN HOLES NOT SHOWN ON DRAWING

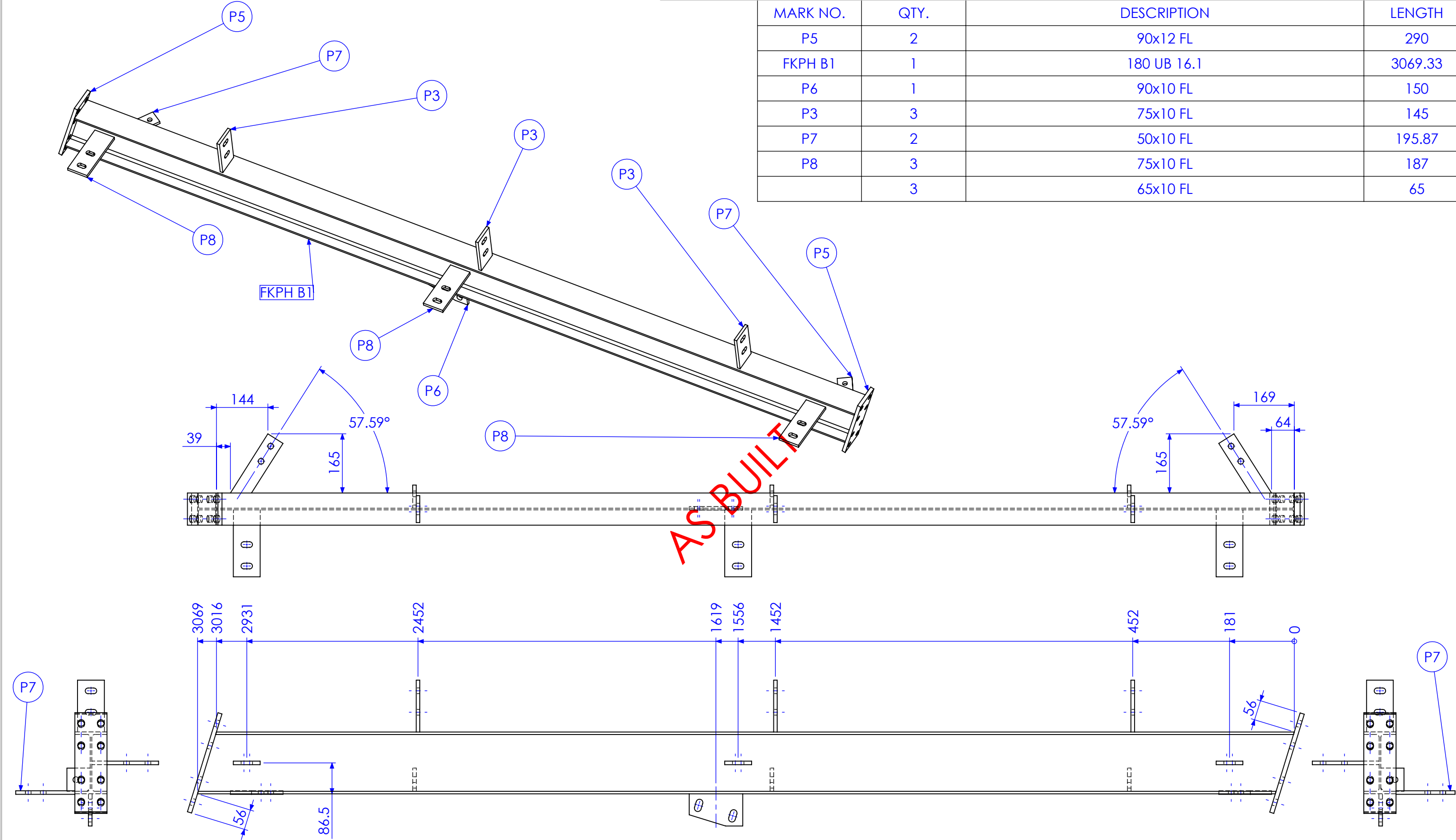
PROPRIETARY NOTICE

THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.

40 Kenilworth Street,
Warwick, Queensland, Australia 4011
Phone: 1300 995 970
Fax: 1300 998 983

APPROX. MASS: kg			DO NOT SCALE IF IN DOUBT - ASK			JOB NUMBER:	5248	QTY: 2
DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm			SCALE	1:10 UNO	DESCRIPTION			
			DRAWN	SB 6/02/13	BEAM 1C			
			CHECK	EG 6/02/13				
			APPROVED	-				
			DRAWING No.		FHPHT1C			
					AS1100 THIRD ANGLE PROJECTION SHEET 6 of 10 REV 03 PURPOSE OF DRAWING PROCUREMENT			

MARK NO.	QTY.	DESCRIPTION	LENGTH
P5	2	90x12 FL	290
FKPH B1	1	180 UB 16.1	3069.33
P6	1	90x10 FL	150
P3	3	75x10 FL	145
P7	2	50x10 FL	195.87
P8	3	75x10 FL	187
	3	65x10 FL	65



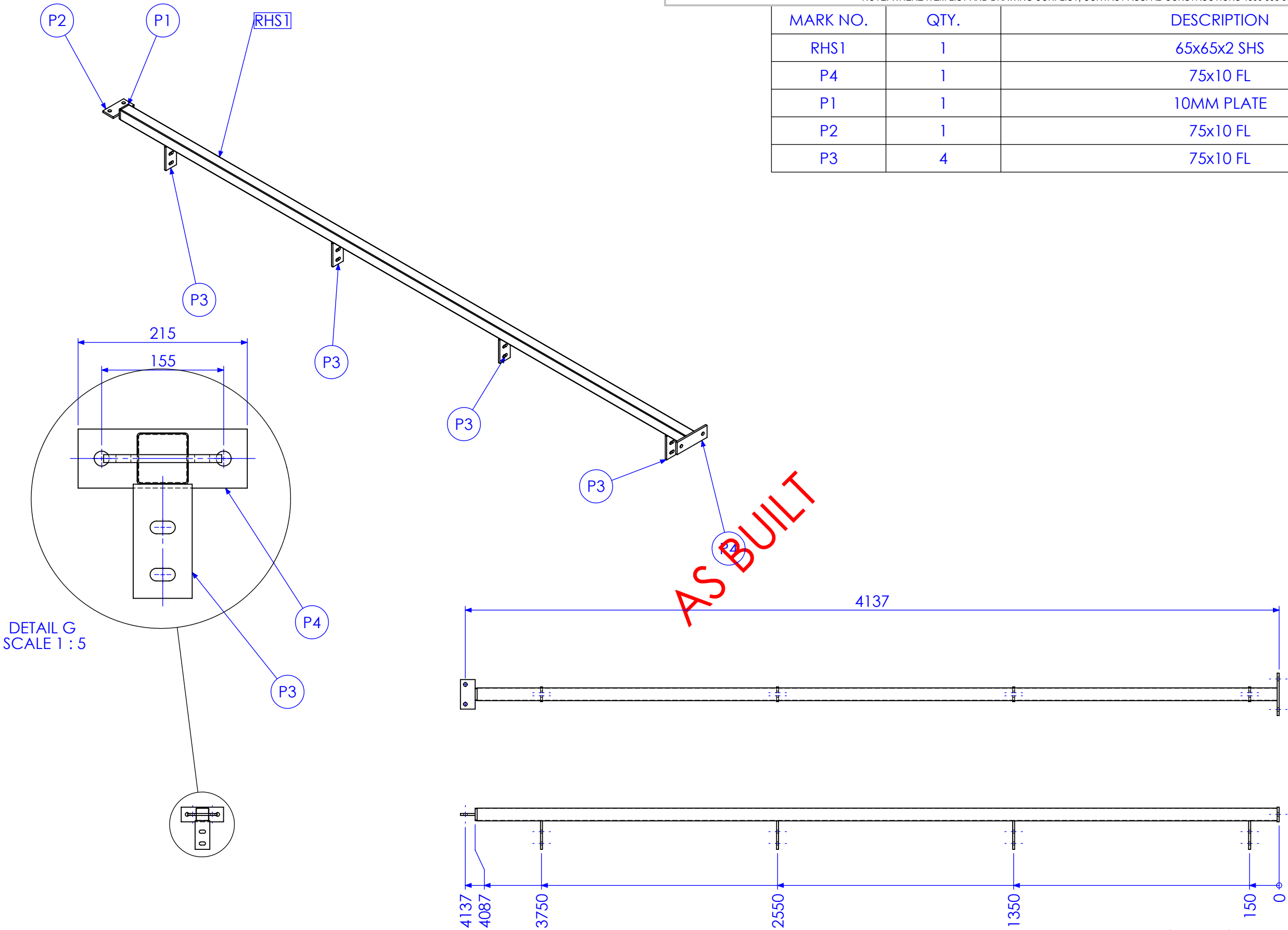
QTY BELOW REFLECTS COMBINED TOTAL REQUIRED
FOR FORREST HILL & KALBAR PH BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	6/02/2013	SDB
02	REMOVE MIDDLE PORTAL AND ADD STRUTS	25/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY
Revised to TMS1174			
REVISIONS			

FINISH GALVANISED (ALLOW DRAINAGE ON ALL ITEMS) REQUIREMENTS- DRAIN HOLES NOT SHOWN ON DRAWING		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER:	5248	QTY: 2	
PROPRIETARY NOTICE THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		DRAWING NOTES: ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm		SCALE 1:10 UNO		DESCRIPTION BEAM 1B		AS1100 THIRD ANGLE PROJECTION SHEET 7 of 10 REV 03	
AUSFAB CONSTRUCTIONS		40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983		15/05/2015		DRAWING No.		FHPHT1B	
PURPOSE OF DRAWING PROCUREMENT		Page 68 of 72							

MARK NO.	QTY.	DESCRIPTION	LENGTH
RHS1	1	65x65x2 SHS	4067.24
P4	1	75x10 FL	215
P1	1	10MM PLATE	63 X 63
P2	1	75x10 FL	150
P3	4	75x10 FL	145




QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR PH BUILDINGS

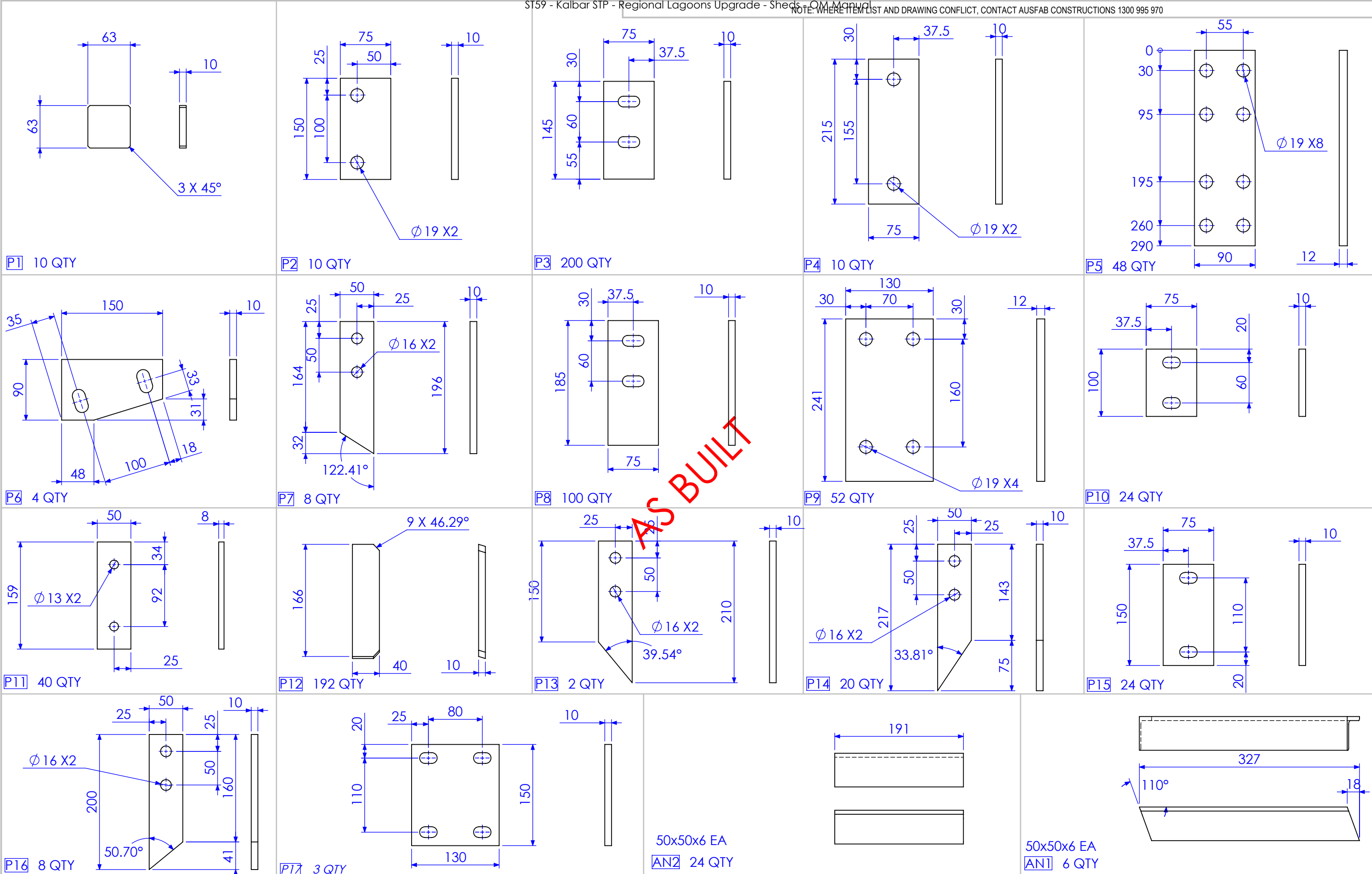
RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	6/02/2013	SDB
02	REMOVE MIDDLE PORTAL AND ADD STRUTS	25/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY

Drawn to TMS1174

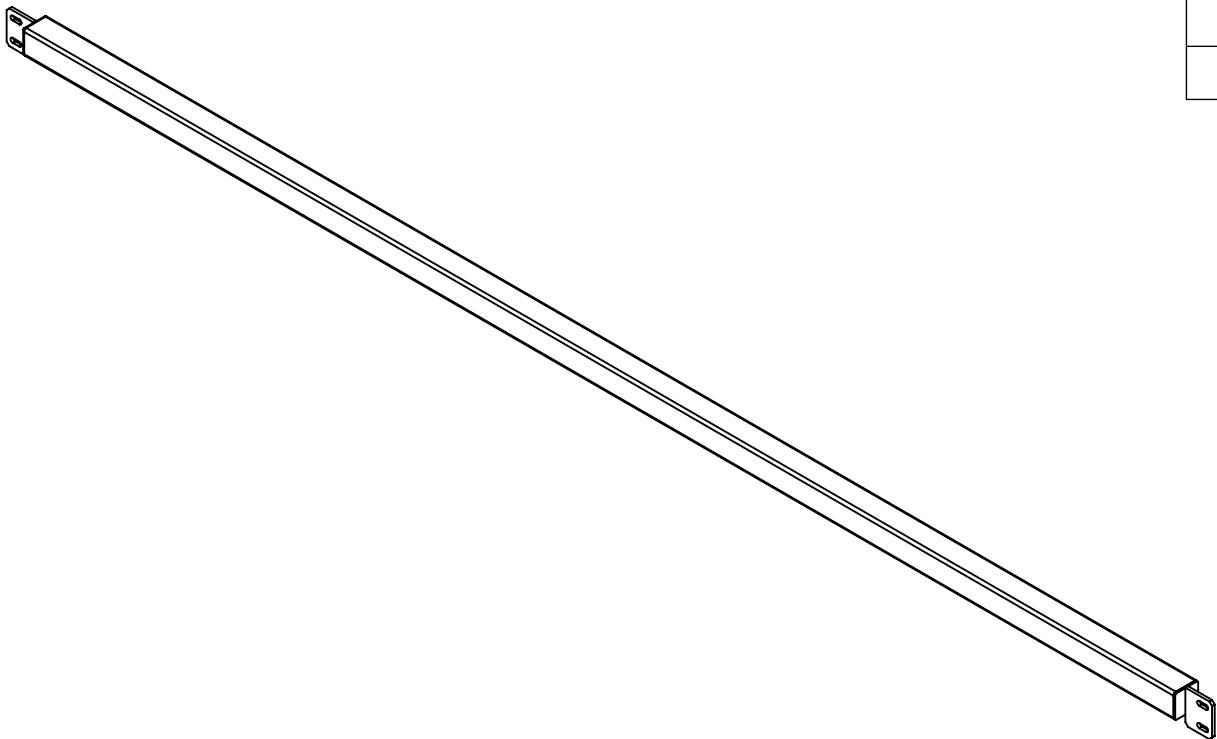
REVISIONS

FINISH GALVANISED (ALLOW DRAINAGE ON ALL ITEMS) REQUIREMENTS- DRAIN HOLES NOT SHOWN ON DRAWING		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER:		5248		QTY: 4					
<div>PROPRIETARY NOTICE</div> <div>THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.</div> <div><div>40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983 15/05/2015</div></div>		<div>DRAWING NOTES:</div> <div>ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm</div>		SCALE		1:20 UNO		<div>DESCRIPTION</div> <div>END MULLION</div>				AS1100		A3	
				DRAWN		SB 6/02/13						THIRD ANGLE PROJECTION			
				CHECK		EG 6/02/13						SHEET 8 of 10			REV
								APPROVED		-		-		DRAWING No.	
												Page 69 of 72			

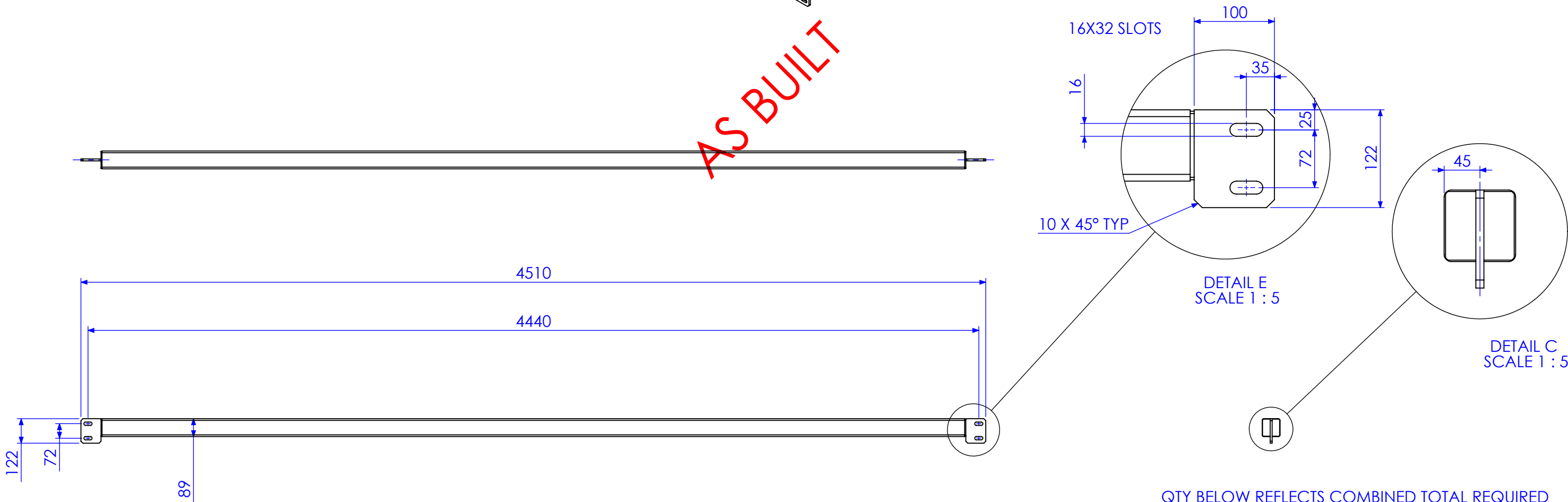


ALL SLOTS TO BE 16X32MM				FINISH REQUIREMENTS- N/A FOR THIS DRAWING		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248		QTY: AS PER ABOVE QTY	
RELEASED FOR MANUFACTURE				PROPRIETARY NOTICE		DRAWING NOTES:		SCALE 1:5 UNO		DESCRIPTION		AS1100	
				THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.		ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY:		DRAWN SB 6/02/13		PLATES SIZES & QTYs FOR REG LAGOON BUILDINGS		THIRD ANGLE PROJECTION A	
				AUSFAB CONSTRUCTIONS		40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983		CHECK EG 6/02/13				SHEET 1 REV C	
01 INITIAL ISSUE 6/02/2013 SDB								APPROVED - -		DRAWING No. FHPHC1A		PURPOSE OF DRAWING	
02 REMOVE MIDDLE PORTAL AND ADD STRUTS 25/02/2013 SDB												Page 70 of 72	
03 AS BUILT DRGS 28/06/2013 SDB												PROCUREMENT	
04 AMMENDMENT DATE AMMENDED BY													

MARK NO.	QTY.	DESCRIPTION	LENGTH
P29	2	5MM PLATE	85.50 X 85.50
GHB SHS	1	89x89x3.50 SHS	4300
P32	2	100x10 FL	122



AS BUILT




QTY BELOW REFLECTS COMBINED TOTAL REQUIRED FOR FORREST HILL & KALBAR PH BUILDINGS

RELEASED FOR MANUFACTURE

01	INITIAL ISSUE	6/02/2013	SDB
02	REMOVE MIDDLE PORTAL AND ADD STRUTS	25/02/2013	SDB
03	AS BUILT DRGS	28/06/2013	SDB
04	AMMENDMENT	DATE	AMMENDED BY
REVISIONS			

Drawn to TMS1174

FINISH GALVANISED (ALLOW DRAINAGE ON ALL ITEMS) REQUIREMENTS- DRAIN HOLES NOT SHOWN ON DRAWING		APPROX. MASS: kg		DO NOT SCALE IF IN DOUBT - ASK		JOB NUMBER: 5248		QTY: 2			
<div>PROPRIETARY NOTICE</div> <div>THIS DRAWING IS THE PROPERTY OF AUSFAB CONSTRUCTIONS. COPYRIGHT IS RESERVED. THIS DRAWING MAY NOT BE COPIED OR USED IN ANY MANNER EXCEPT AS AGREED TO BY AUSFAB CONSTRUCTIONS. THE DRAWINGS, IDEAS & INVENTIONS SHOWN SHALL NOT BE DISCLOSED TO OTHER PARTIES.</div>		<div></div> <div>40 Kenilworth Street, Warwick, Queensland, Australia 4011 Phone: 1300 995 970 Fax: 1300 998 983</div> <div>15/05/2015</div>		<div>DRAWING NOTES:</div> <div>ALL WELDING TO BE IN ACCORDANCE WITH AS1554 PART 1. FOR UNTOLERANCED DIMENSIONS THE FOLLOWING LIMITS SHALL APPLY: FABRICATION ± 2.0mm MACHINING ± 0.25mm</div>		<div>SCALE</div> <div>1:20 UNO</div> <div>DRAWN</div> <div>SB</div> <div>6/02/13</div> <div>CHECK</div> <div>EG</div> <div>6/02/13</div> <div>APPROVED</div> <div>-</div> <div>-</div>		<div>DESCRIPTION</div> <div>AS1100 THIRD ANGLE PROJECTION</div> <div>BEAMS & COLUMNS</div> <div>SHEET 10 of 10</div> <div>REV 03</div> <div>PURPOSE OF DRAWING</div> <div>PROCUREMENT</div>			
						DRAWING No.		5248-E-A1-A1-P5			
						Page 71 of 72					

