

GENERAL NOTES

These documents show the general arrangement of the building and include some items not supplied (refer to the quotation for nomination of all items to be provided). All items not nominated therein shall be supplied and installed by others.

The plans provided here are the latest at the time of print. Earlier plans provided may have become outdated due to engineering changes and should not be used. The plans and drawings are extensive and give all the information needed for a competent person to erect the building. The building is not designed to stand up by itself when it is partially complete. Consequently, construction bracing is critical during erection.

The owner has been requested to check off the BOM after the building delivery. You should check that you are able to locate all materials nominated in the BOM. You should also confirm that the length and size (including thickness), nominated in the BOM is what has been provided. Any missing items are the responsibility of the client once correct delivery has been confirmed as per Terms and Conditions of Sale.

DESIGN CRITERIA

These building plans have been prepared to comply with the standards nominated in the engineer's letter. All plans are not to Scale.

ADDITIONAL DOCUMENTATION TO BE SUPPLIED BY PURCHASER/OWNER

The Purchaser/Owner is responsible for:

- *Provision of Soils Report for the site and in the building area on which the building is to be erected
- *Site Plan and Drainage Plans
- *Any other plans not covered by these engineering plans requested by the local Council or the authority

RAINWATER AND DRAINAGE

All Rainwater and drainage designs are the responsibility of the purchaser/owner. Residential gutters and downpipes where supplied are based on average rainfall for the state and may not be sufficient for your building size or usage. Please speak to your building designer or contractor to ensure gutters are fit for purpose.

BUILDING CONSTRUCTION REQUIREMENTS

The Builder and Purchaser are to ensure that all construction is carried out in accordance with the Plans, the Construction Manual and the Bill of Materials (BOM).

It is the responsibility of the builder to ensure that they are familiar with the operational risks and their obligations in carrying out construction work.

The builder must ensure that they have an appropriate Health & Safety Plan (The Plan) compliant with and as required by their local, state and federal regulations. The Plan will need to take into account the site conditions, the size of the building and the experience of the construction personnel. The Plan will, most likely, differ for each project.

The builder must ensure that The Plan is adhered to. Particular attention should be paid to the requirements to ensure that any person working at heights are properly trained and following the requirements as set out by The Plan.

It is recommended that you check with the appropriate authority in your area as to your responsibilities.

TEMPORARY SUPPORT, LIFTING AND SHORING

The design of temporary propping shoring, lifting and support during construction has not been undertaken and is not included in our engagement. This work is the responsibility of the Contractor undertaking the construction of the building.

SLAB AND/OR PIER DETAILS - GENERAL

* The minimum size of Piers under the columns and End Wall Mullions are nominated on the Material Specifications Plan. When the slab and piers are poured as one pour, the depth of the pier is to the top of the slab.

* Pier Reinforcement: for any piers over 1100mm, deformed bar to within 100mm of base and minimum 75mm top cover. Minimum side cover 75mm, maximum 100mm. Rod to be caged horizontally at least twice and at a maximum of 300mm spacing. Tie with a minimum of 6mm diameter cage tie. Where pier diameter is less than 450mm diameter, use 4 N12. For diameters equal to and over 450mm, use 4 N16.* Where columns or end wall mullions have been removed, piers are not required.

* End wall mullion spacing may move due to location of openings or doors. Check layout and component position plan, and relocate piers as required.

* The Slab Plan indicates those parts of the slab which are 50mm below main slab/piers.

* Footings and slabs, including internal and edge beams, must be founded on natural soil with a minimum allowable bearing capacity of 100kPa. Design covers soil classifications of A, S, M, H1 or H2 for a class 10 building.

* The footing designs have been calculated with adhesion values of 0kPa, 25kPa and 50kPa for clay soils and dense sand soils only.

* A site specific geotechnical investigation has not been performed. The builder will need to verify the soil type and conditions.

* Site conditions different to those specified require a modified design.

* Sub grade shall be excavated and compacted to a minimum of 100% standard dry density ratio and within 2% of the OMC to comply with AS2159.

* Designs are in accordance with AS 3600:2018

* All concrete to be in accordance with AS 3600:2018. Minimum 25 Mpa, with 80mm slump.

* Concrete should be cured for 7 days before commencing construction of the building.

Concrete Slab

For Class A, S or M Sites

* Slab thickness to be a minimum of 100mm with SL 72 mesh and 40mm top cover.

* Concrete piers under Roller Doors Jambs to be a minimum size as below:

C15015 - 300mm dia x 375mm deep, centered to the C Section

Where heavy traffic is to go through the roller doors, it is recommended that the slab edge should be thickened to 200mm deep by 300mm wide for the length between the mullions. Place an additional section of SL 72 mesh, 50mm from the base in all thickenings.

For Class H1 or H2 Sites

* Slab thickness to be a minimum of 100mm with SL 82 mesh and 40mm top cover.

* Perimeter beams 400mm deep x 300mm wide with Y12 3 bar Trench Mesh to the perimeter of the building.

* Internal beams 400mm deep by 300mm wide with Y12 3 bar Trench Mesh at a max spacing of 6.2m.

* Concrete piers under Roller Doors Jambs to be a minimum size as below: C15015 - 300mm dia x 500mm deep, centered to the C Section

Concrete Piers Only

For Class A, S or M Sites

* Concrete piers under Roller Door Jambs to be a minimum size as below: C15015 - 300mm dia x 750mm deep, centered to the C Section

For Class H1 or H2 Sites

* Concrete piers under Roller Door Jambs to be a minimum size as below: C15015 - 300mm dia x 1000mm deep, centered to the C Section

SHEETED PORTALS AND MULLIONS

All end and dividing wall mullions provide critical support to portal frames and cannot be repositioned or removed under any circumstances without engineering approval.

BRACING NOTES

* Refer to Connection Details.

* Knee bracing clearance from FFL is X = Main Building: 2.489m.


* All Cross Bracing is achieved with 1.2mm Strap G450.

* Cross bracing is to be fixed taut and secured with 14.20 x 22 frame screws at each end, quantity as per connection details.

* Fly bracing to be fixed to the purlins/girts on all mid portal rafters, columns and end wall mullions. Fly bracing is to be fitted to every second purlin/girt, or, on every one, where the spacing between fly braces would exceed the maximum specified below for the relevant column/rafter size:

- C150 - maximum 1800mm spacing
- C200, C250 - maximum 2200mm spacing
- C300 - maximum 2800mm spacing
- C350 - maximum 2800mm spacing
- C400 - maximum 2800mm spacing

Initial measurement is from the haunch of the column/rafter, and from the rafter for any end wall mullions.

Revision	Date	Initial	Purchaser Name: David Condon		General Notes	Seller: THE Shed Company Mudgee Name: S & K Lincoln Pty Ltd Phone: (02) 6372 7755 Fax: (02) 6372 7700 Email: mudgeeadmin@theshedcompany.com.au	Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers Signature:  John Ronaldson Date: 20/10/22
			Site Address: 57 Rifle Range Rd Mudgee NSW 2850 Australia				
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* Open bays to have fly bracing fitted to every available girt supporting the header sheets.
* All bracing strap ends to be located as close as practical to structural member's (columns, rafters, mullions) centerline.

BOLTS


* Unless otherwise nominated, all bolts are grade 4.6
* All tensioned bolts shall be tensioned using the part turn method (refer to AS4100). For the erector, full details are in the construction manual.

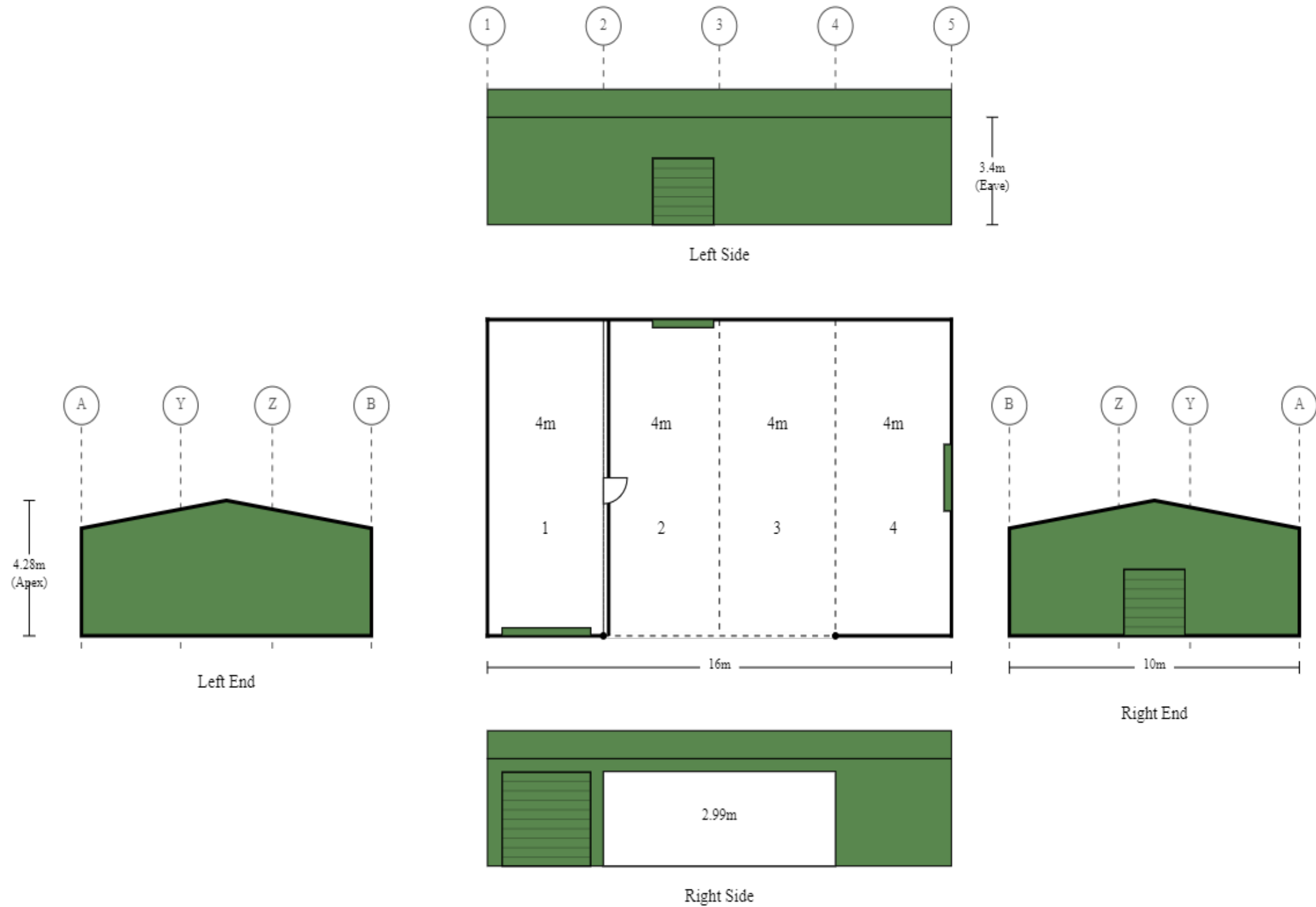
ROLLER DOORS

All comments regarding roller doors are referenced from inside the building looking out.

OTHER MATERIALS NOTES

* All Sheeting, Flashing and framing screws are Climaseal 4.
* All purlin material has Z350 zinc coating with minimum strength of 450MPa.

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Purchaser Name: David Condon

Site Address: 57 Rifle Range Rd Mudgee NSW 2850 Australia

Drawing # TMJD223017 - 3

Print Date: 20/10/22

Layout
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Signature:

John Ronaldson

John Ronaldson

Date: 20/10/22

MATERIAL SPECIFICATIONS

For further information regarding the tabulated values shown, refer to the General Notes

Building Dimensions

Categories	Span	Length	Pitch	Height	Grid(s)	Portal(s)
Main Building	10	16	10	3.4	A - B	1 - 5

Portal Frame Elements


Grid / Portal Number		1	2	3	4	5
Columns	A	C15015	C20024	C20024	C25024	C15019
	B	C15015	2C20019	-	2C20015	C15019
Rafters	A - Apex	C15012	C20019	C20019	C20015	C15015
	Apex - B	C15012	C20019	C20019	C20015	C15015
End Wall Mullions	Y	C15012	C15015	-	-	C15015
	Z	C15012	C15015	-	-	C15015
Apex Braces	Apex	-	-	C15015 @ 3m	C15012 @ 3m	-
Knee Braces	A - Apex			C15012 @ 1.71m	C20015 @ 1.71m	
	Apex - B				C20015 @ 1.71m	

Bay Section Elements

Grid / Bay Number		1	2	3	4	Maximum
Bay Widths		4	4	4	4	
Roof Purlins (refer to Purlin And Girt Plan)		Z100	Z100	Z100	Z100	
Roof Purlin Spacing (End)	A - Apex	0.9	0.9	0.9	0.9	0.900
	Apex - B	0.9	0.9	0.9	0.9	0.900
Roof Purlin Spacing (Internal Spans)	A - Apex	1.033	1.033	1.033	1.033	1.200
	Apex - B	1.033	1.033	1.033	1.033	1.200
Eave Purlin	A	XC15012	XC15012	XC15012	XC15012	
	B	XC15012	-	-	XC15012	
Beam Overs	B	-	2C20019	2C20019	-	
Side Girts (refer to Purlin And Girt Plan)		Z100	Z100	Z100	Z100	
Side Girt Bridging (Rows)	A	YES (1)	-	YES (1)	YES (1)	
	B	-	-	-	YES (1)	
Side Girts Spacing (End)	A	1.585	1.585	1.585	1.585	1.700
	B	1.585	1.7	1.7	1.585	1.700
Side Girts Spacing (Internal)	A	1.585	1.585	1.585	1.585	1.700
	B	1.585	1.7	1.7	1.585	1.700
Roller Door Header	A	-	C10010	-	-	
	B	C10010	-	-	-	
Roller Door Jambs	A	-	C15015	-	-	
	B	C15015	-	-	-	

End Bay Section Elements

Grid / Portal Number		1	2	5	Maximum
End Girts (refer to Purlin And Girt Plan)		Z100	Z100	Z100	
End Girt Bridging (Rows)	A - Y	-	-	YES (1)	
	Y - Z	-	-	YES (1)	
	Z - B	-	-	YES (1)	
End Girts Spacing (End)	A - Y	1.585	1.585	1.057	1.700
	Y - Z	1.585	1.585	1.057	1.700
	Z - B	1.585	1.585	1.057	1.700
End Girts Spacing (Internal)	A - Y	1.585	1.585	1.057	1.700
	Y - Z	1.585	1.585	1.057	1.700
	Z - B	1.585	1.585	1.057	1.700
Roller Door Header	Y - Z	-	-	HEADER2	
	Z - B	-	-	-	

Revision	Date	Initial	Purchaser Name: David Condon		Specification Sheet	Seller: THE Shed Company Mudgee Name: S & K Lincoln Pty Ltd Phone: (02) 6372 7755 Fax: (02) 6372 7700 Email: mudgeeadmin@theshedcompany.com.au	Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers Signature:  John Ronaldson Date: 20/10/22
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MATERIAL SPECIFICATIONS

For further information regarding the tabulated values shown, refer to the General Notes

End Bay Section Elements (Continue)

Grid / Portal Number		1	2	5	Maximum
Roller Door Jambs	Y - Z	-	-	C15015	
	Z - B	-	-	-	

Cladding Elements

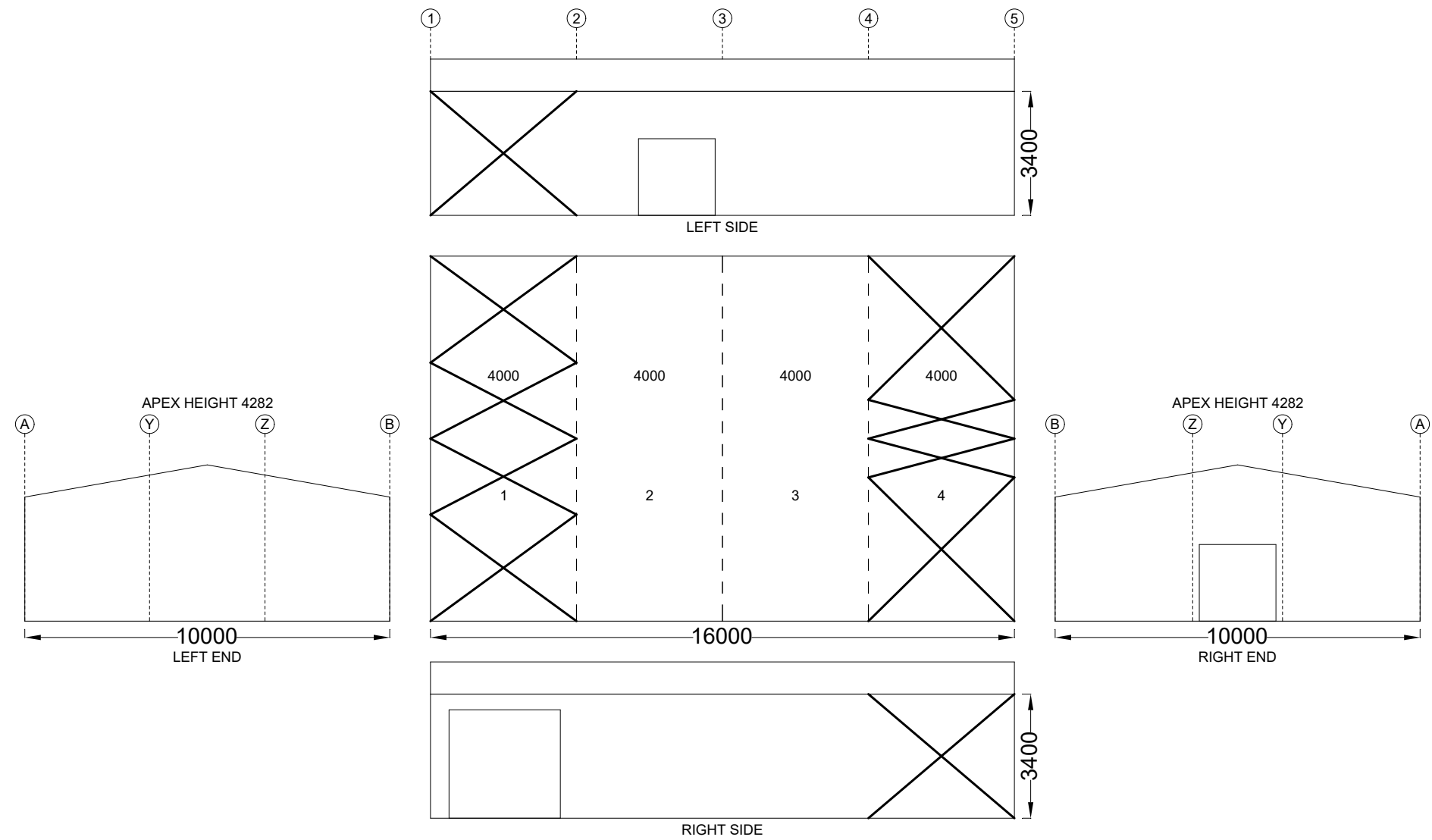
Category	Colour	Product
Roof Sheetting	COLORBOND® steel	CORODEK® 0.42 BMT (0.47TCT)
Roof Flashings	COLORBOND® steel	BlueScope 0.55 BMT
Wall Sheetting	COLORBOND® steel	CORODEK® 0.42 BMT (0.47TCT)
Wall Flashing	COLORBOND® steel	BlueScope 0.55 BMT


Pier Sizes

Adhesion (kPa)	Soil Description	Diameter (m)	Depth (m) - when NO Slab							Depth (m) - with Slab						
			BP1	BP2	BP3	BP4	BP5	BP6	BP7	BP1	BP2	BP3	BP4	BP5	BP6	BP7
0	Sandy Soil	0.3	1.2	-	-	-	-	-	1.6	0.45	-	-	-	-	-	0.9
		0.45	0.8	1.6	1.6	1.6	1.6	1.6	1.1	0.45	0.7	0.8	0.7	0.7	0.7	0.5
		0.6	0.6	1.2	1.2	1.2	1.2	1.2	0.9	0.45	0.45	0.45	0.45	0.45	0.45	0.45
25	Soft to Firm Clay	0.3	0.8	-	-	-	-	-	0.9	0.45	-	-	-	-	-	0.6
		0.45	0.8	1.1	1.1	1.1	1.1	1.1	0.9	0.45	0.7	0.7	0.7	0.7	0.7	0.5
		0.6	0.6	1.1	1.1	1.1	1.1	1.1	0.9	0.45	0.45	0.45	0.45	0.45	0.45	0.45
50	Stiff to Very Stiff Clay	0.3	0.7	-	-	-	-	-	0.9	0.45	-	-	-	-	-	0.6
		0.45	0.7	1	1	1	1	1	0.9	0.45	0.7	0.7	0.7	0.7	0.7	0.5
		0.6	0.6	1	1	1	1	1	0.9	0.45	0.45	0.45	0.45	0.45	0.45	0.45

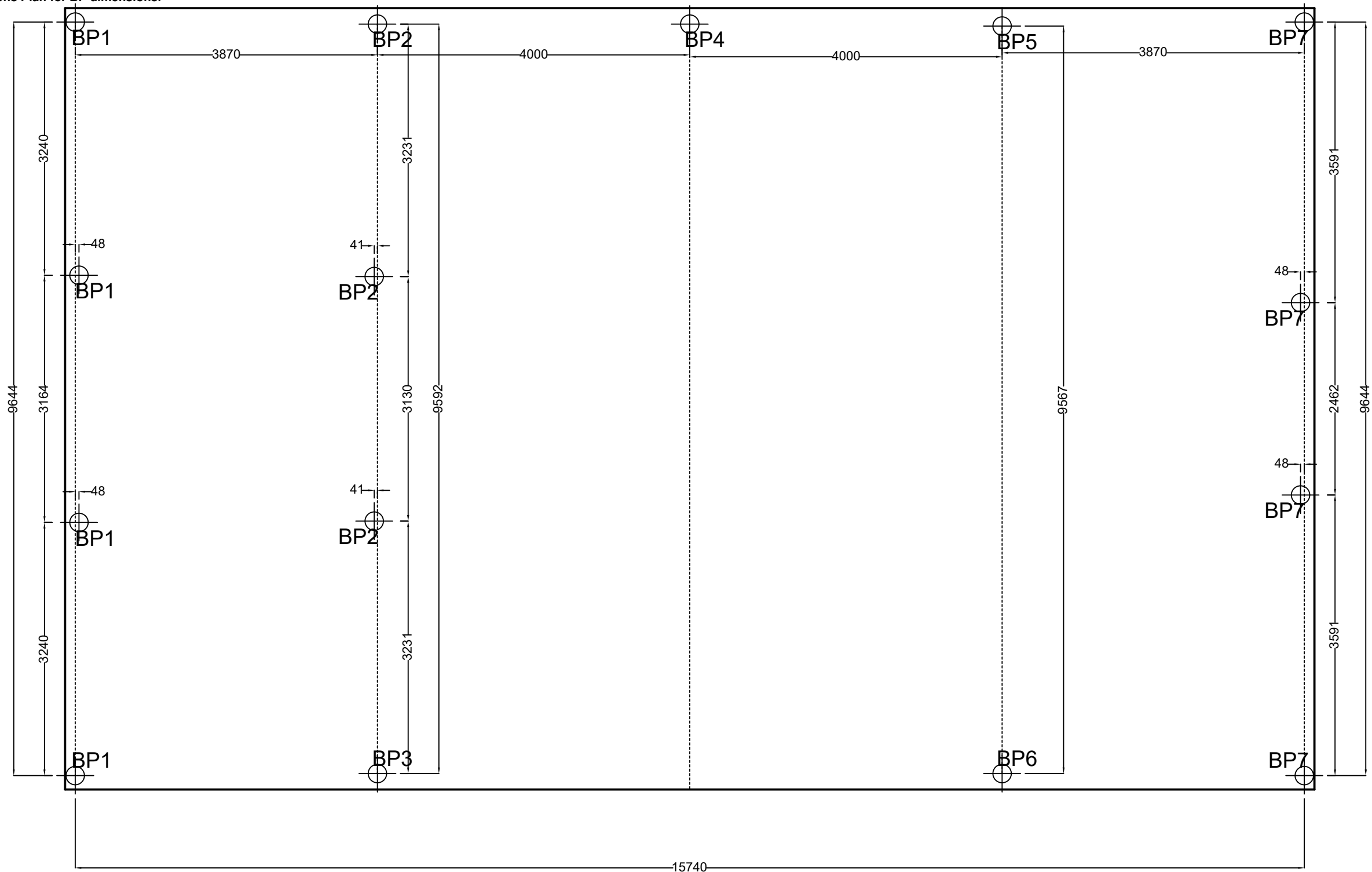
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Cross Bracing is achieved with 1.2mm Strap. Refer to Connection Details.
Cross bracing in the roof is to the purlin nearest to the end wall mullions, where applicable.



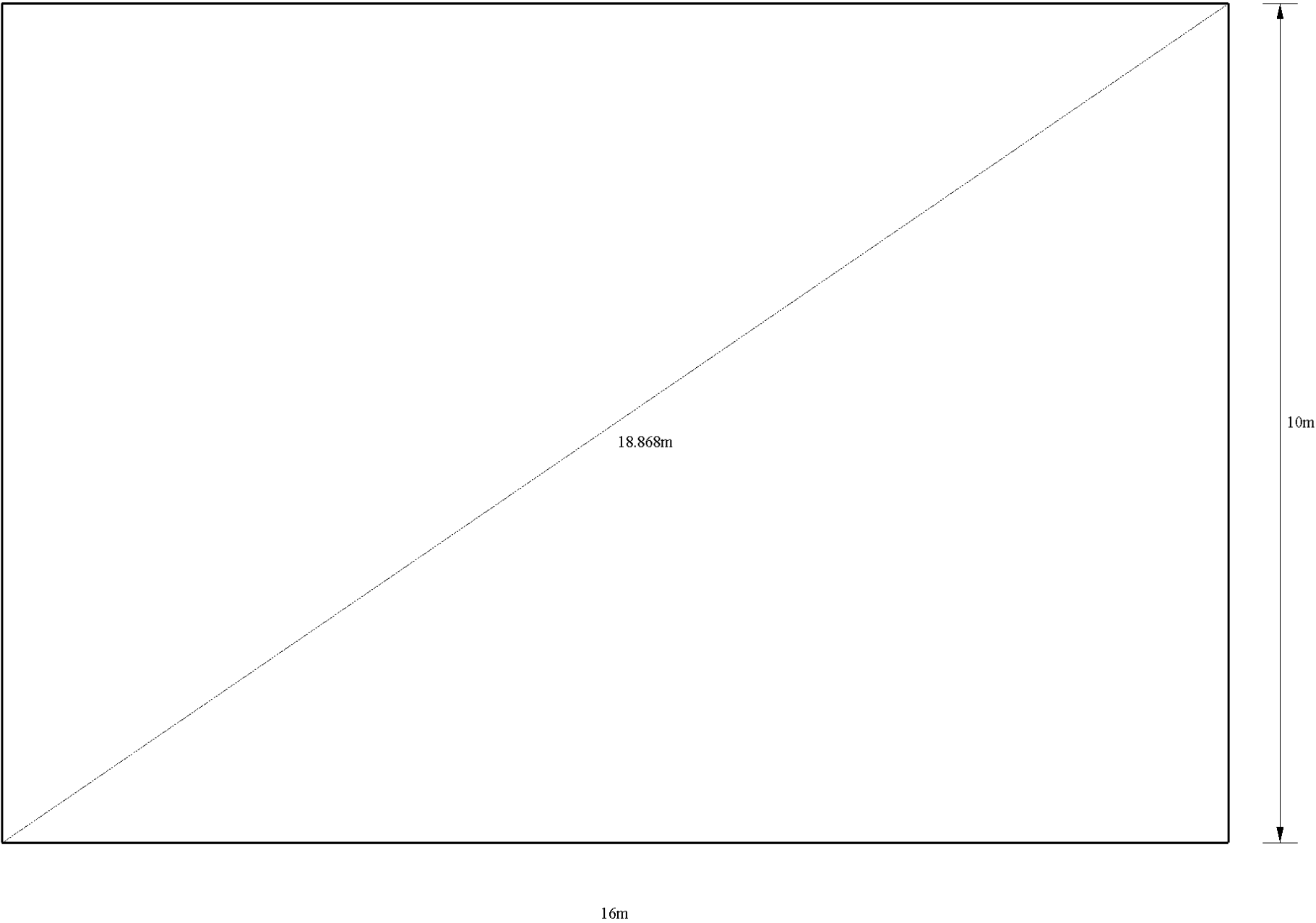
Revision	Date	Initial	Purchaser Name: David Condon		<div>Bracing</div> <div>NOT TO SCALE</div> <div>Page 1 of 1</div> <div>©Copyright Steelx IP Pty Ltd</div>	<div>Seller: THE Shed Company Mudgee</div> <div>Name: S & K Lincoln Pty Ltd</div> <div>Phone: (02) 6372 7755</div> <div>Fax: (02) 6372 7700</div> <div>Email: mudgeeadmin@theshedcompany.com.au</div>	<div>Apex Engineering Group PTY LTD</div> <div>ACN 632 588 562</div> <div>MIE Aust. (Registered NER Structural) 5276680</div> <div>QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES;</div> <div>Practising Professional Structural & Civil Engineers</div> <div>Signature:  John Ronaldson</div> <div>Date: 20/10/22</div>
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These dimensions are provided as a guide only. It is the responsibility of the concreter to confirm that all dimensions are correct.
Refer to Material Specifications Plan for BP dimensions.



Revision	Date	Initial	Purchaser Name: David Condon		<div>Concrete Piers</div> <div>PIER MEASUREMENT ONLY</div> <div>NOT TO SCALE</div> <div>Page 1 of 1</div> <div>©Copyright Steelx IP Pty Ltd</div>	<div>Seller: THE Shed Company Mudgee</div> <div>Name: S & K Lincoln Pty Ltd</div> <div>Phone: (02) 6372 7755</div> <div>Fax: (02) 6372 7700</div> <div>Email: mudgeeadmin@theshedcompany.com.au</div>	<div>Apex Engineering Group PTY LTD</div> <div>ACN 632 588 562</div> <div>MIE Aust. (Registered NER Structural) 5276680</div> <div>QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES;</div> <div>Practising Professional Structural & Civil Engineers</div> <div>Signature:  John Ronaldson</div> <div>Date: 20/10/22</div>
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Slab Dimensions
Also refer to Concrete Piers Plan
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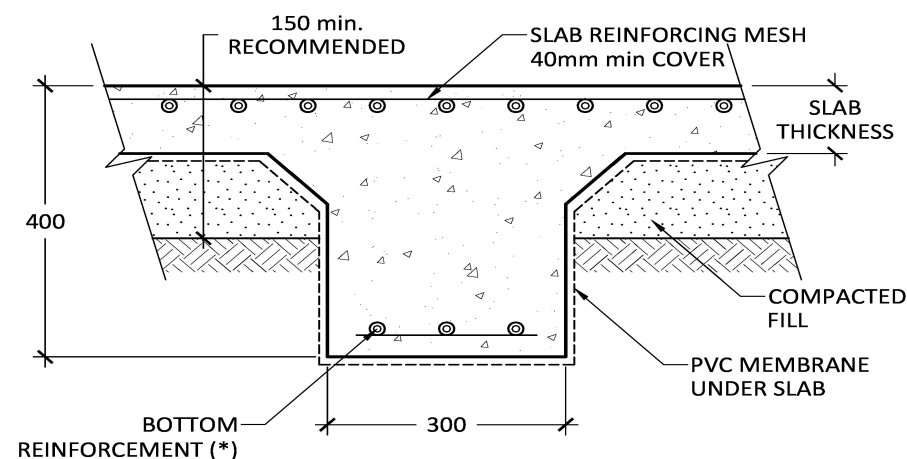
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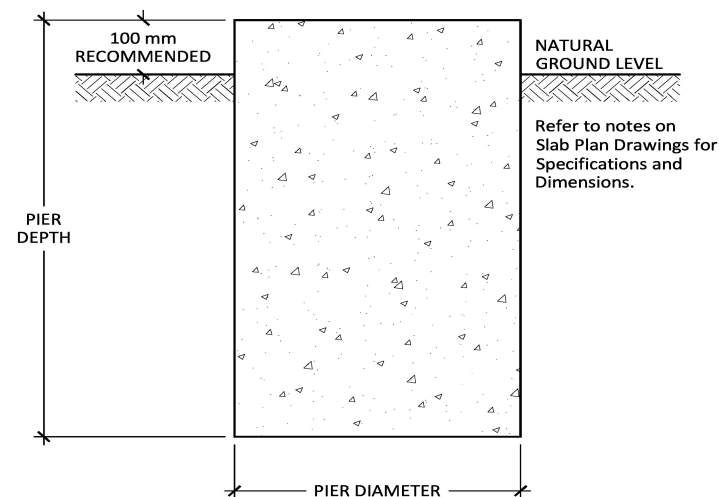
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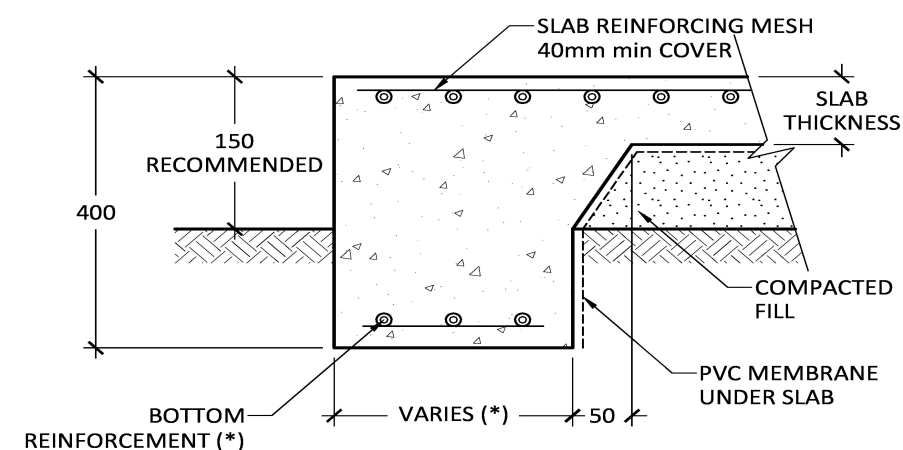


(*) REFER TO GENERAL NOTES FOR SPECIFICATION

INTERNAL BEAM
(H1 & H2 SOIL TYPE, OPTIONAL A, S & M)

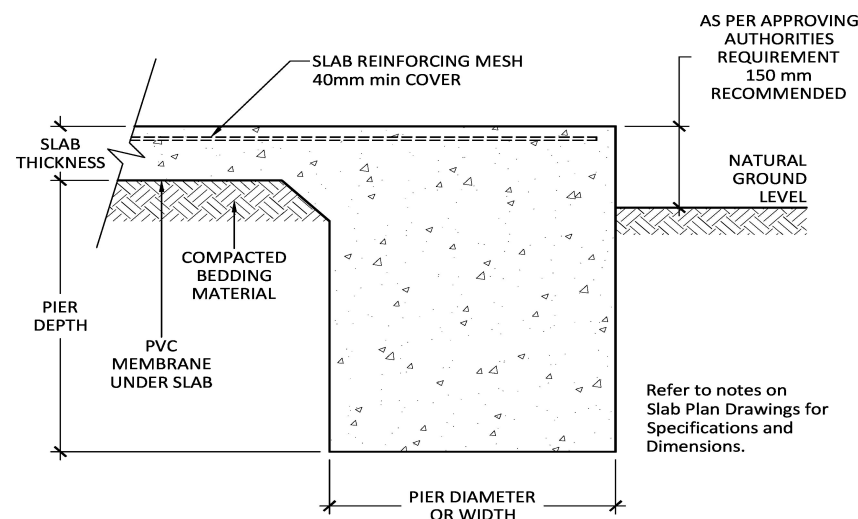
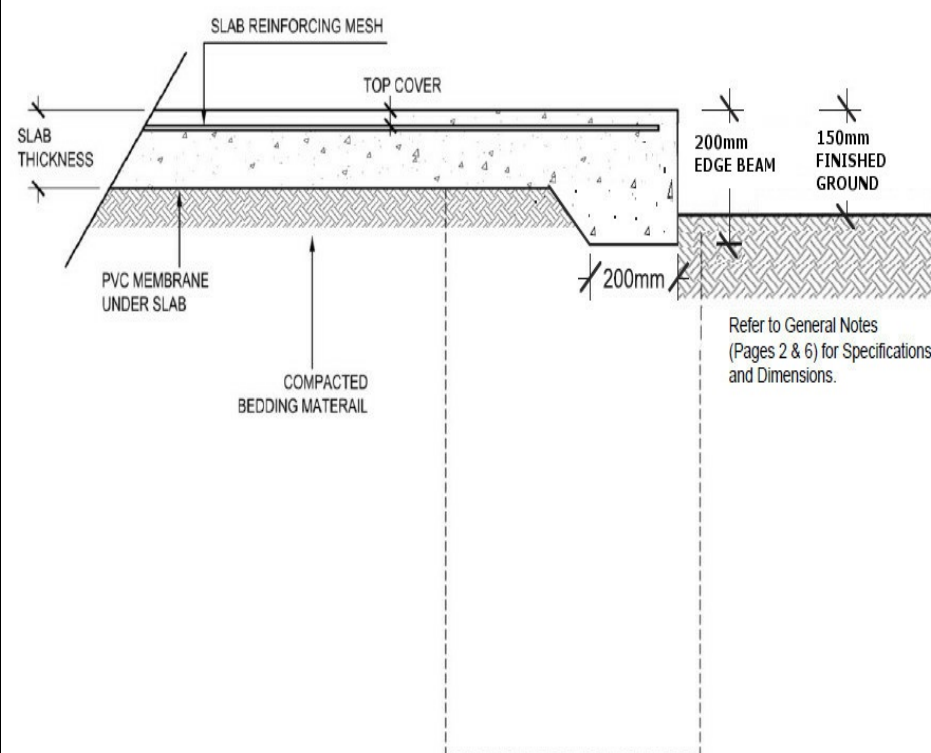


BORED PIER

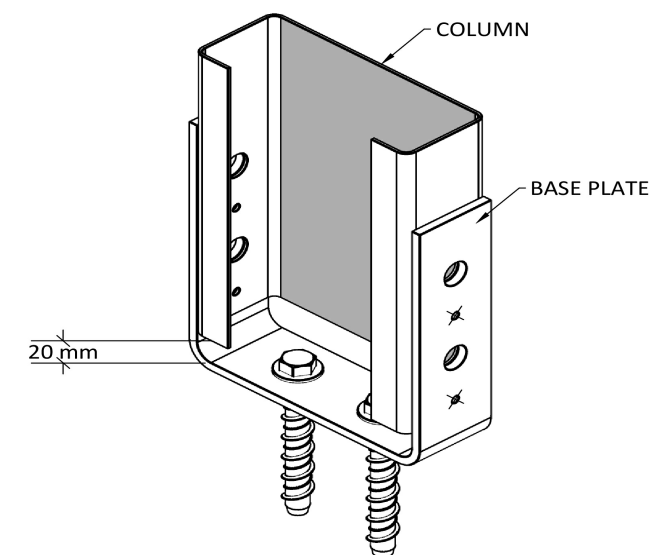


(*) REFER TO GENERAL NOTES FOR SPECIFICATION

PERIMETER BEAM
(H1 & H2 SOIL TYPE, OPTIONAL A, S & M)



SLAB AND PIER DETAIL



FIXING BOLTS - 2 of M12 x 100 SCREWBOLT
 ○ FIXING BOLTS - 4 of M12 x 30 Galv.
 × FIXING SCREWS - 4 of 12.24 x 38 Series 500
C150 COLUMN FIXING (BF)

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Connection Details

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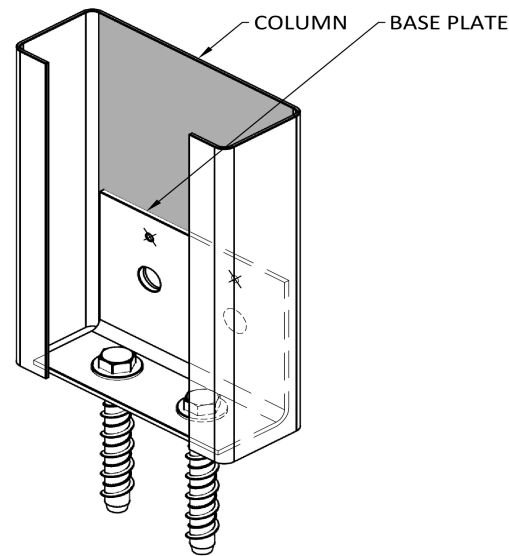
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John Ronaldson

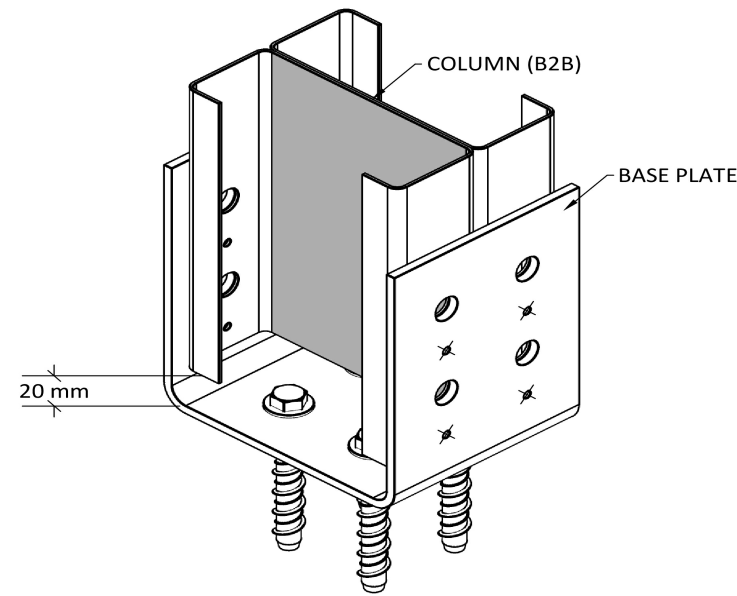
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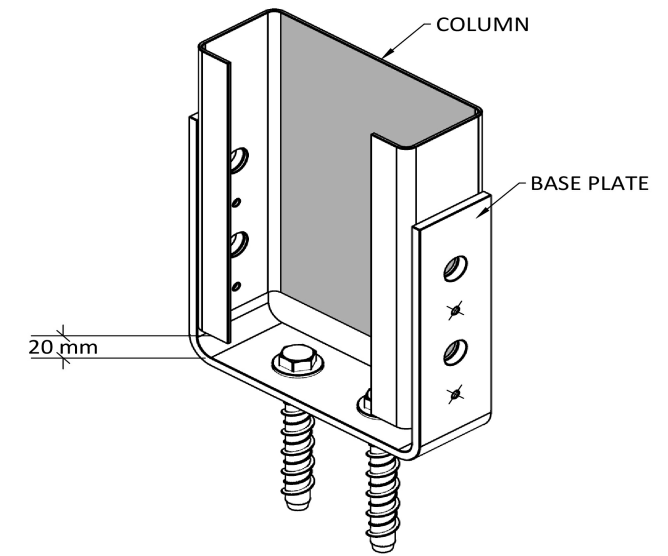
FIXING BOLTS - 2 of M12 x 100 SCREWBOLTS
 ○ FIXING BOLTS - 2 of M12 x 30 Galv.
 × FIXING SCREWS - 2 of 14.20 x 22

C150 MULLION BASE PLATE (B)



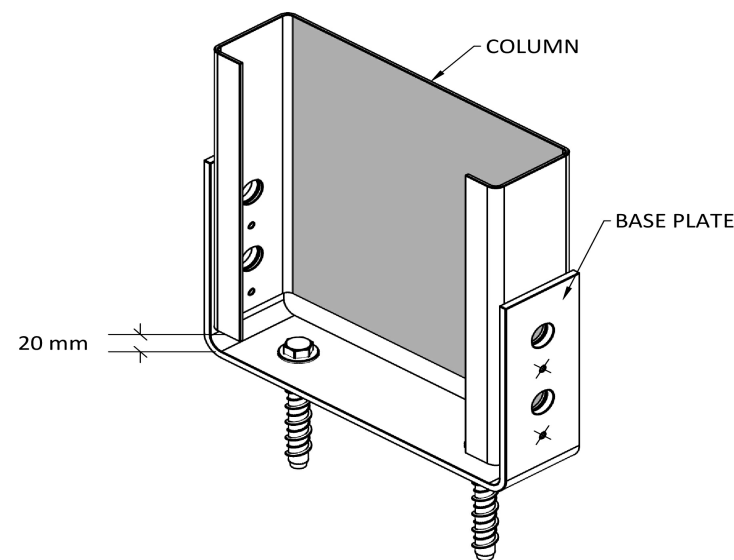
FIXING BOLTS - 4 of M12 x 100 SCREWBOLT
 ○ FIXING BOLTS - 8 of M12 x 30 Galv.
 × FIXING SCREWS - 8 of 12.24 x 38 Series 500

2C200 COLUMN FIXING (BF)



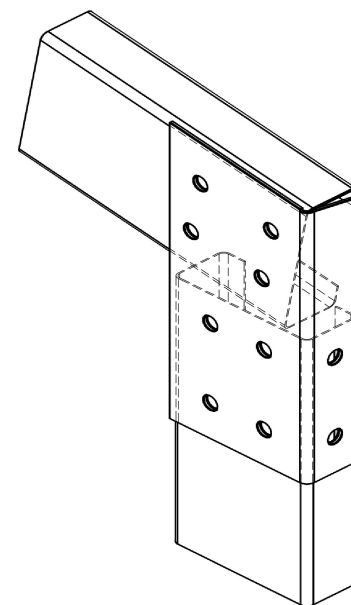
FIXING BOLTS - 2 of M12 x 100 SCREWBOLT
 ○ FIXING BOLTS - 4 of M12 x 30 Galv.
 × FIXING SCREWS - 4 of 12.24 x 38 Series 500

C200 COLUMN FIXING (BF)



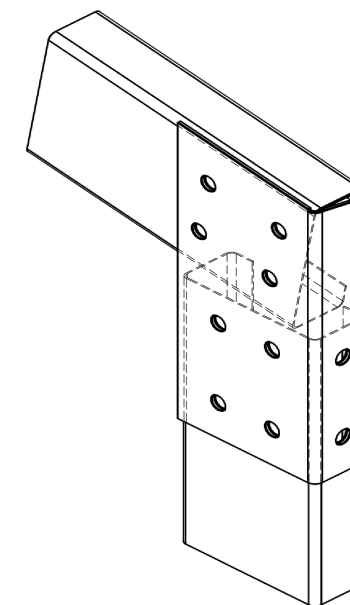
FIXING BOLTS - 2 of M16 x 150 SCREWBOLTS
 ○ FIXING BOLTS - 4 of M16 x 40 (8.8)
 × FIXING SCREWS - 4 of 12.24 x 38 Series 500

C250 COLUMN FIXING (BF)



○ FIXING BOLTS - 10 of M12 x 30 (8.8)

FLAT PLATE HAUNCH BRACKET (X&Y) - C150, 10°



○ FIXING BOLTS - 10 of M12 x 30 (8.8)

FLAT PLATE HAUNCH BRACKET (X&Y) - C200, 10°

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Connection Details

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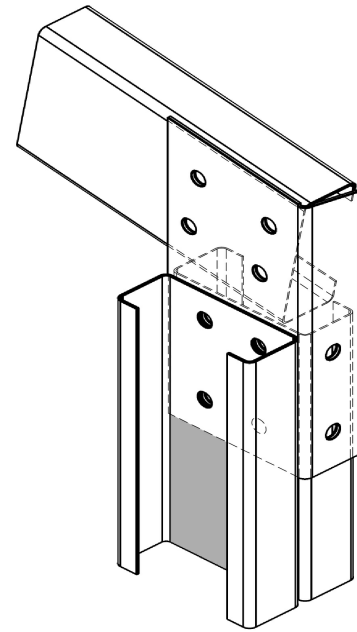
Seller: THE Shed Company Mudgee
 S & K Lincoln Pty Ltd
 Phone: (02) 6372 7755
 Fax: (02) 6372 7700
 Email: mudgeeadmin@theshedcompany.com.au

Apex Engineering Group PTY LTD
 ACN 632 588 562
 ME Aust. (Registered NER Structural) 5276680
 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T.: 303557ES;
 Practising Professional Structural & Civil Engineers

Signature:

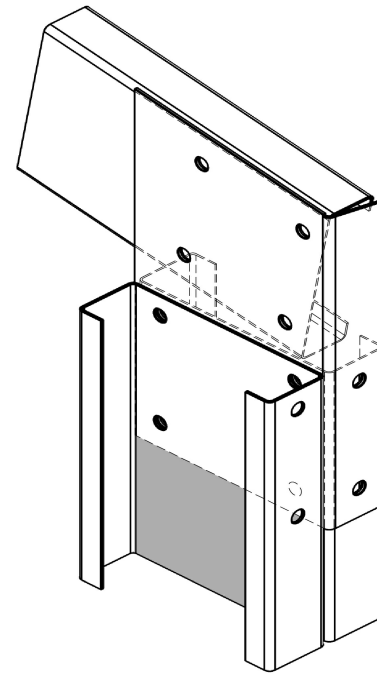
John Ronaldson

Date: 20/10/22



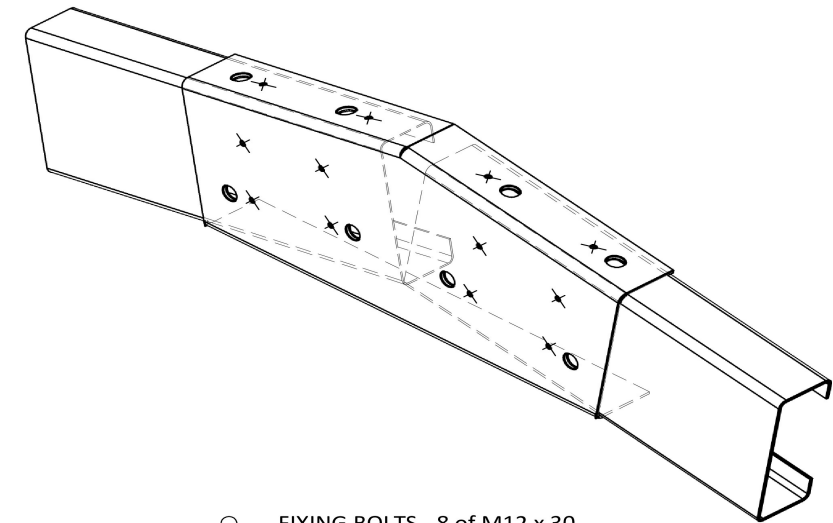
○ FIXING BOLTS - 10 of M12 x 40 (8.8)

FLAT PLATE HAUNCH BRACKET (X&Y) - 2C200-C200, 10°



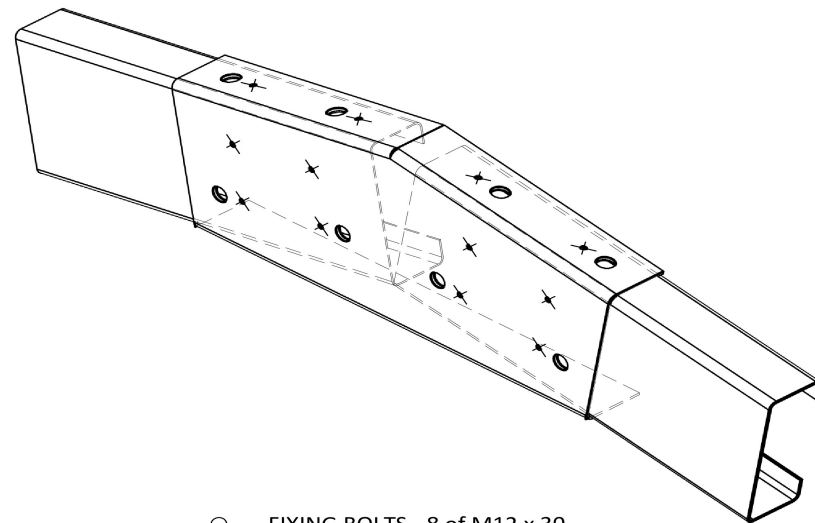
○ FIXING BOLTS - 10 of M16 x 40 (8.8)

FLAT PLATE HAUNCH BRACKET (X&Y) - 2C250-C200, 10°



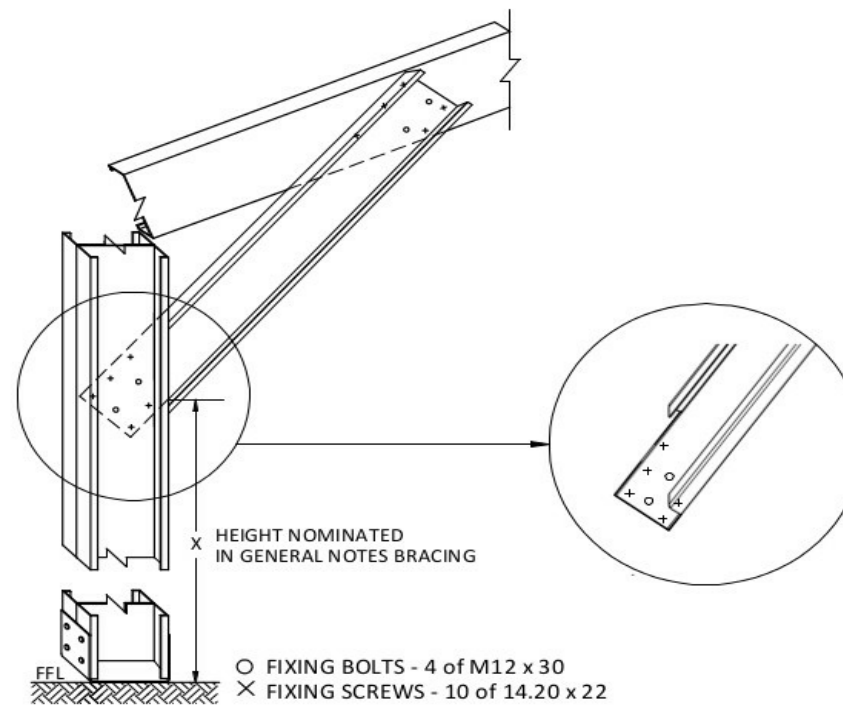
○ FIXING BOLTS - 8 of M12 x 30
× FIXING SCREWS - 12 of 14.20 x 22

APEX PLATE, C150, 10°



○ FIXING BOLTS - 8 of M12 x 30
× FIXING SCREWS - 12 of 14.20 x 22

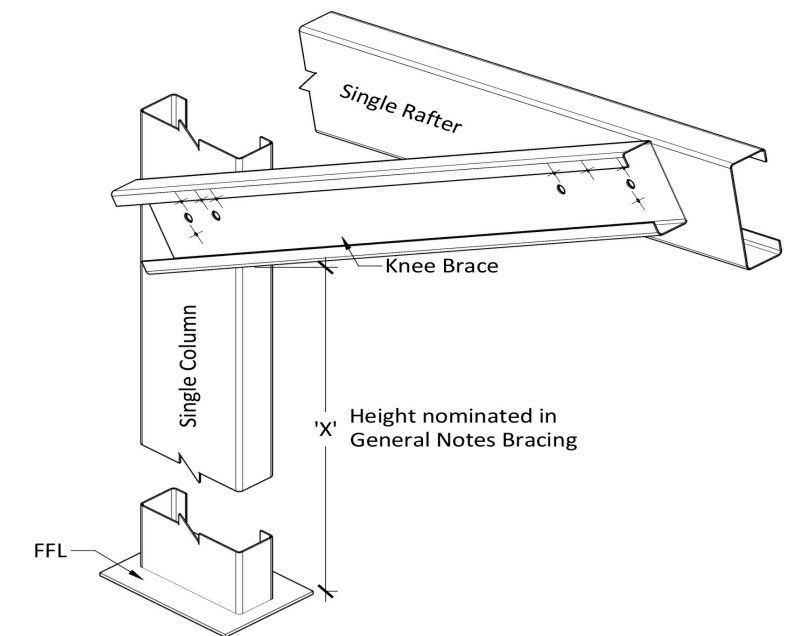
APEX PLATE, C200, 10°



HEIGHT NOMINATED
IN GENERAL NOTES BRACING

○ FIXING BOLTS - 4 of M12 x 30
× FIXING SCREWS - 10 of 14.20 x 22

KNEE BRACE FOR C200 COLUMN
BACK TO BACK COLUMN - SINGLE RAFTER



○ FIXING BOLTS - 4 of M12 x 30
× FIXING SCREWS - 8 of 14.20 x 22

C200 KNEE BRACE FOR
SINGLE COLUMN + SINGLE RAFTER

Purchaser Name: David Condon

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Drawing # TMJD223017 - 8

Print Date: 20/10/22

Connection Details

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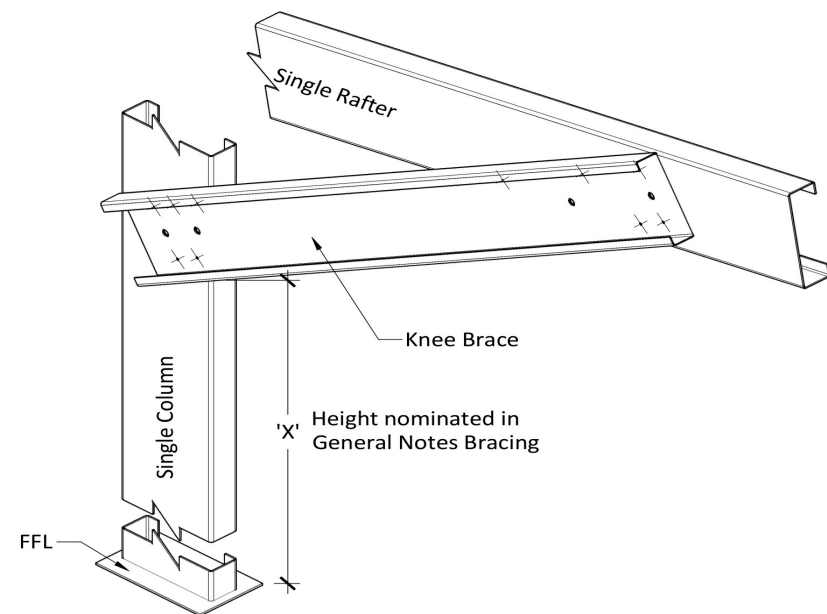
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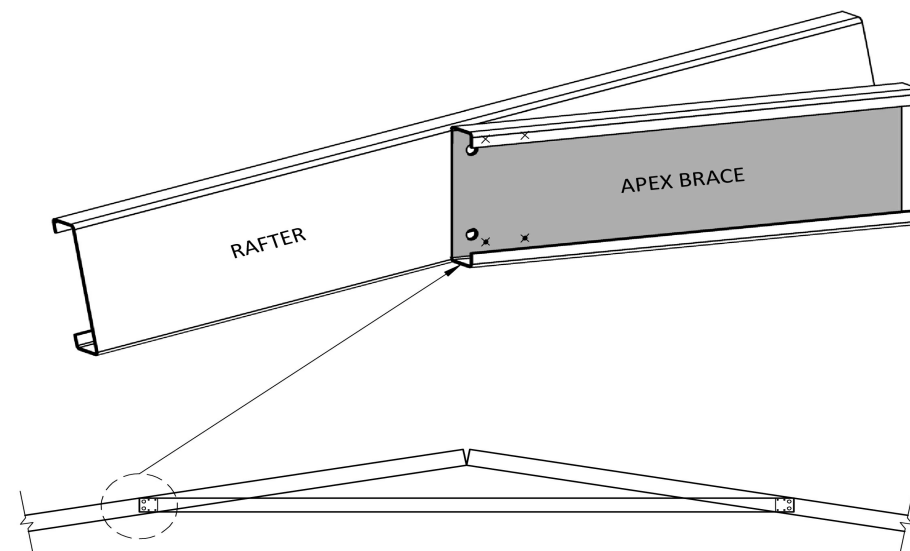
John Ronaldson

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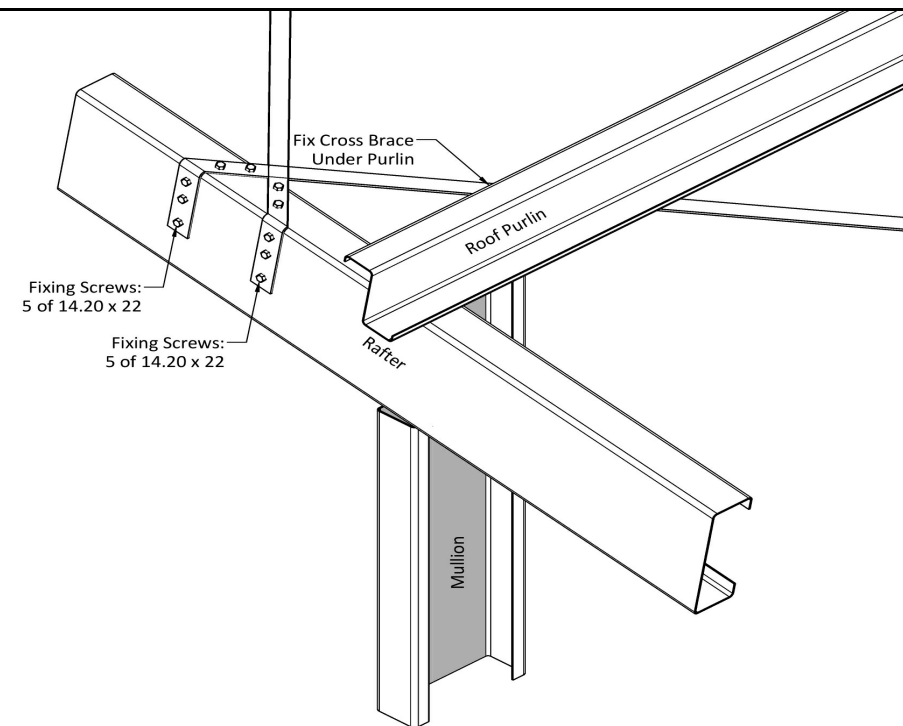
- FIXING BOLTS - 4 of M16 x 30 (8.8)
- × FIXING SCREWS - 10 of 14.20 x 22

C250 KNEE BRACE FOR SINGLE COLUMN + SINGLE RAFTER

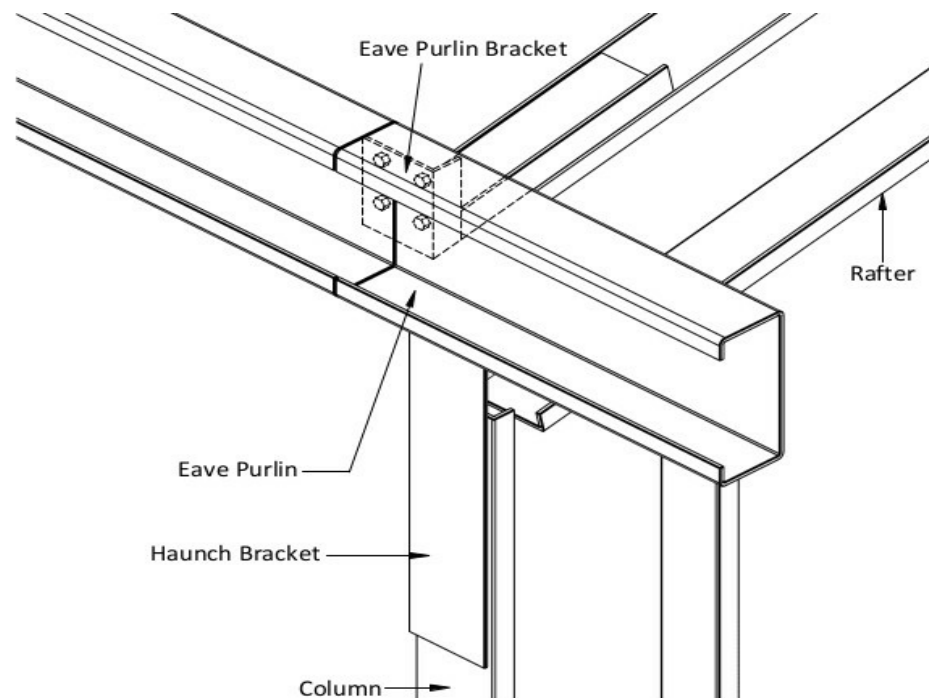


- FIXING BOLTS - 2 of M12 x 30 (8.8)
- × FIXING SCREWS - 4 of 14.20 x 22

APEX BRACE FOR SINGLE RAFTER - C200-C150

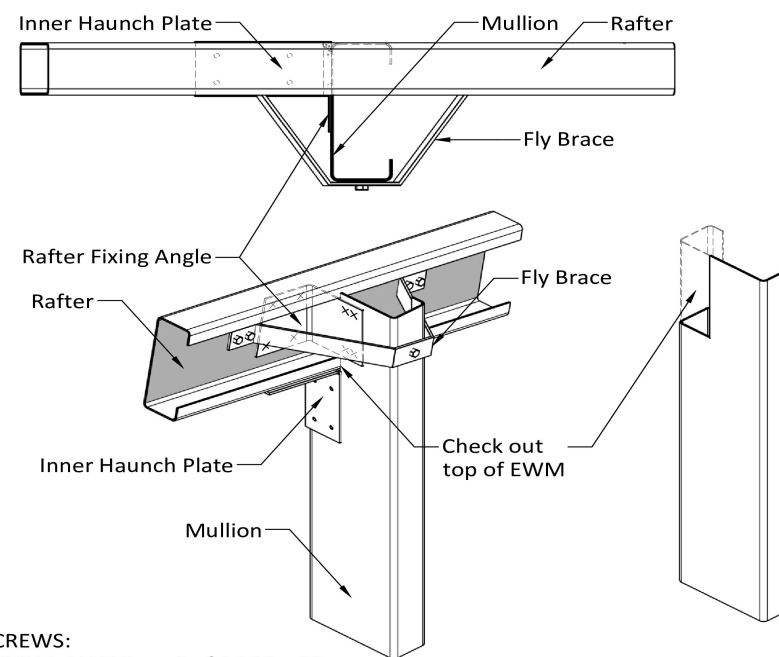


BRACING CONNECTION



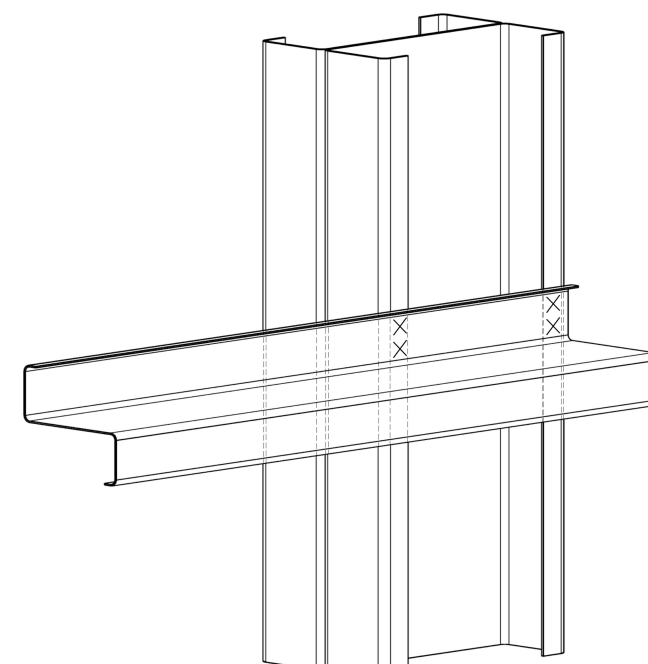
- FIXING SCREWS - 4 of 14.20 x 22

EAVE PURLIN TO EAVE PURLIN BRACKET



- FIXING SCREWS:
- RAFTER FIXING ANGLE - 8 of 14.20 x 22
- INNER HAUNCH PLATE - 8 of 14.20 x 22
- FLY BRACE - 5 of 14.20 x 22

END WALL MULLION TO RAFTER



- × FIXING SCREWS - 4 of 14.20 x 22

GIRT FIXING TO B2B COLUMN - Z

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Site Address: 57 Rifle Range Rd Mudgee NSW 2850 Australia

Drawing # TMJD223017 - 8

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Connection Details

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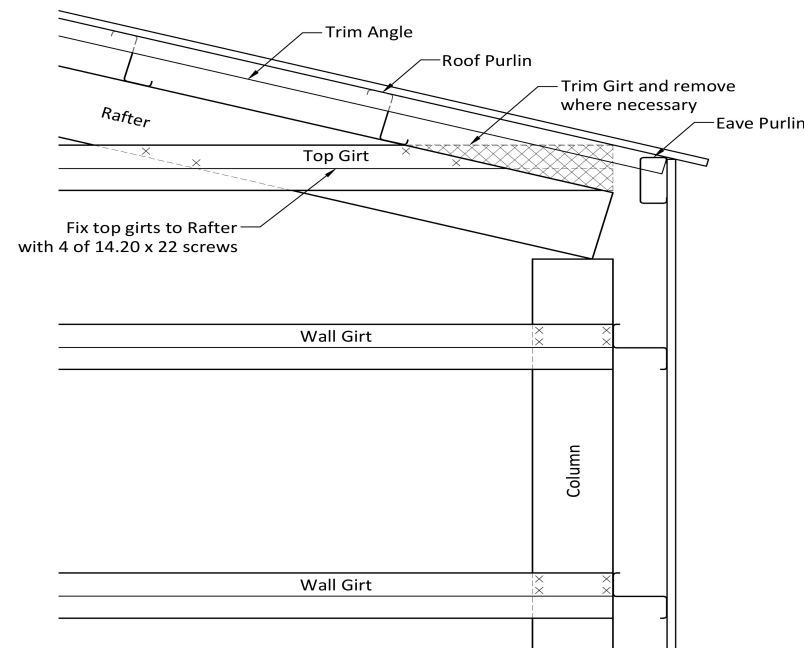
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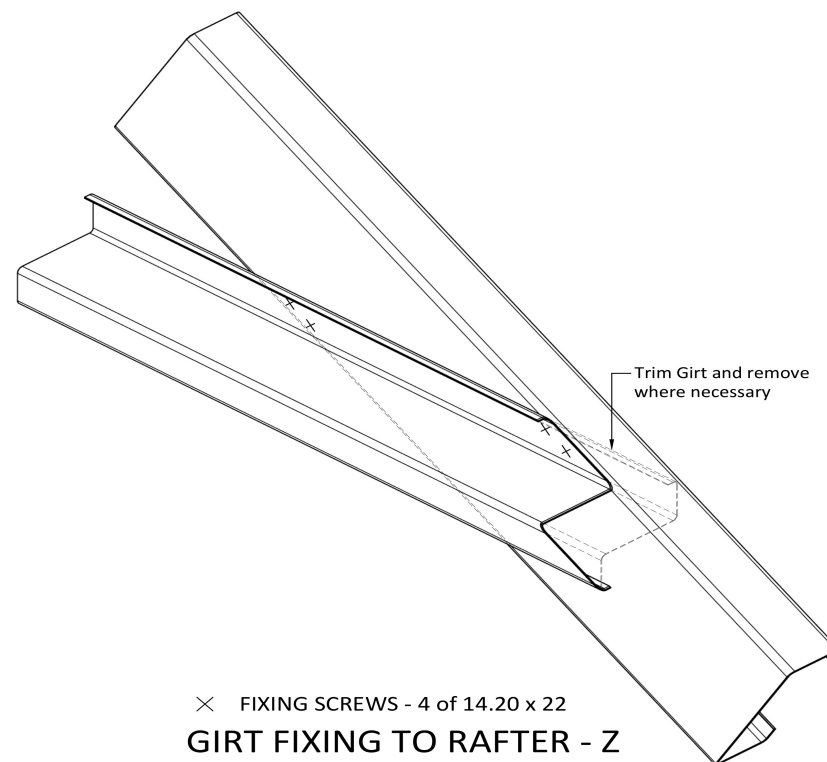
Signature:

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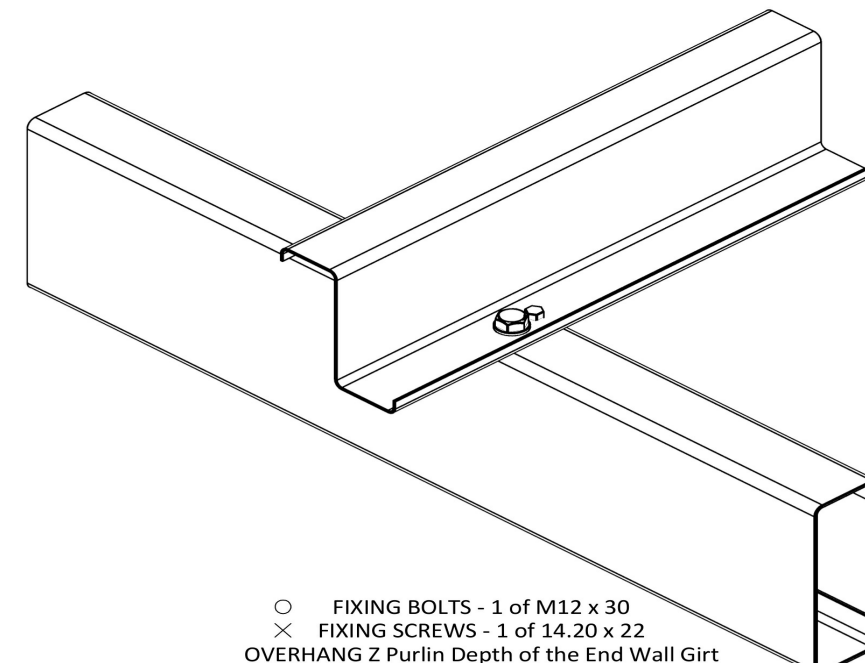
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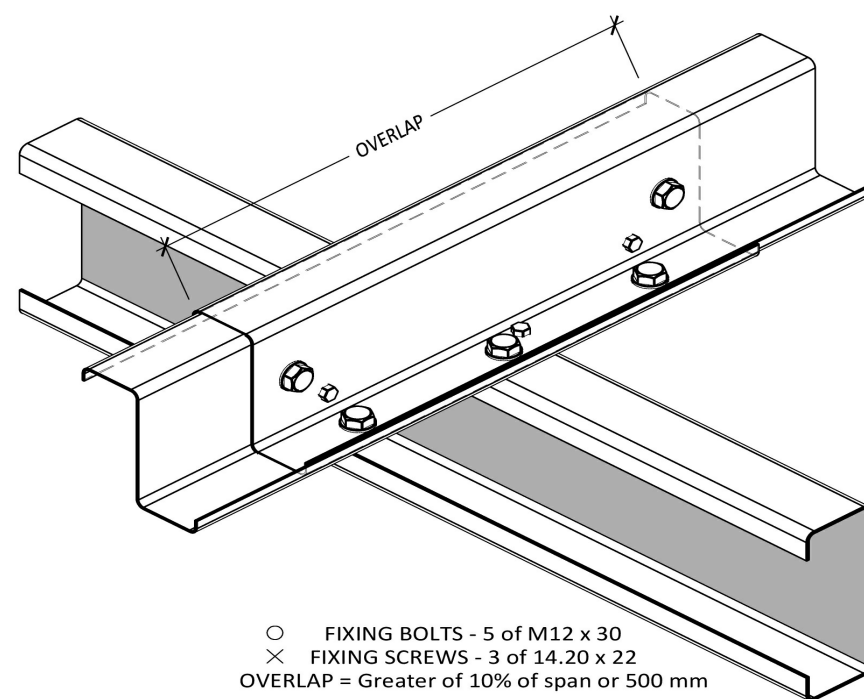
GABLE END TOP GIRT FIXING - Z



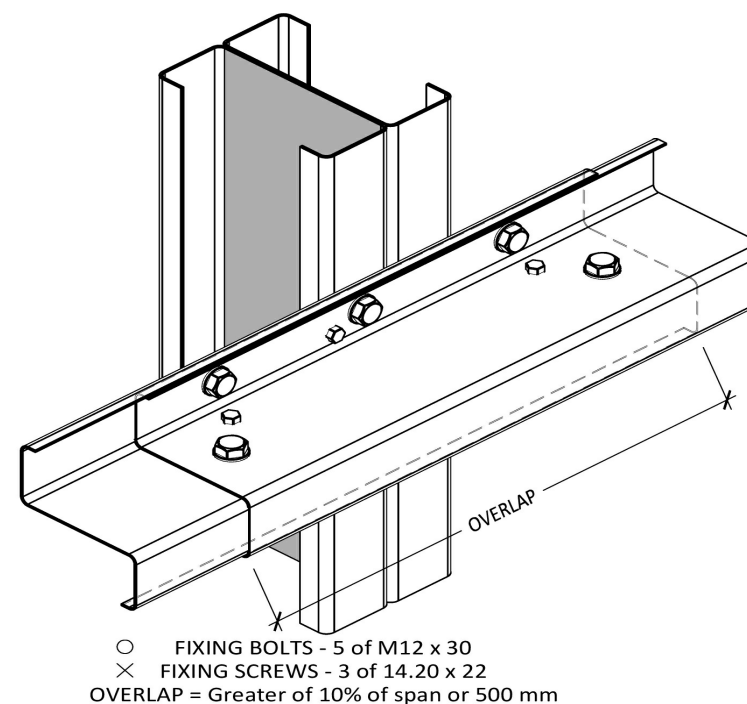
GIRT FIXING TO RAFTER - Z



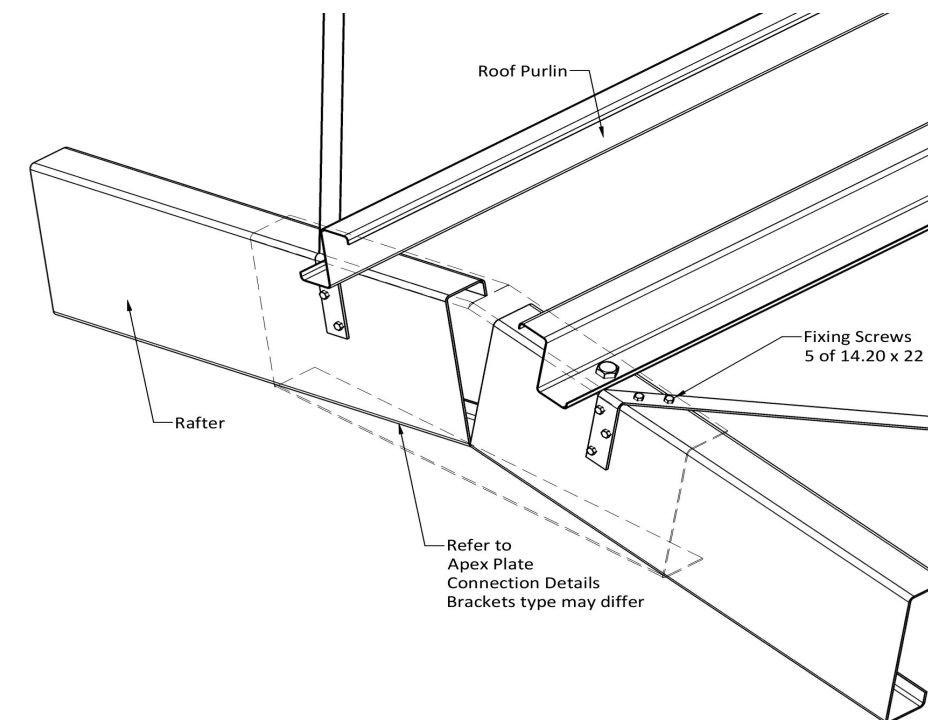
PURLIN & SIDE GIRT END WALL FIXING
Z PURLIN - SINGLE COLUMN OR RAFTER



PURLIN/GIRT FIXING
SINGLE C SECTION COLUMNS OR RAFTERS



PURLIN/GIRT FIXING BACK TO BACK
C SECTION COLUMNS (WITH SINGLE RAFTER)



BRACING CONNECTION AT APEX

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Drawing # TMJD223017 - 8

Print Date: 20/10/22

Connection Details

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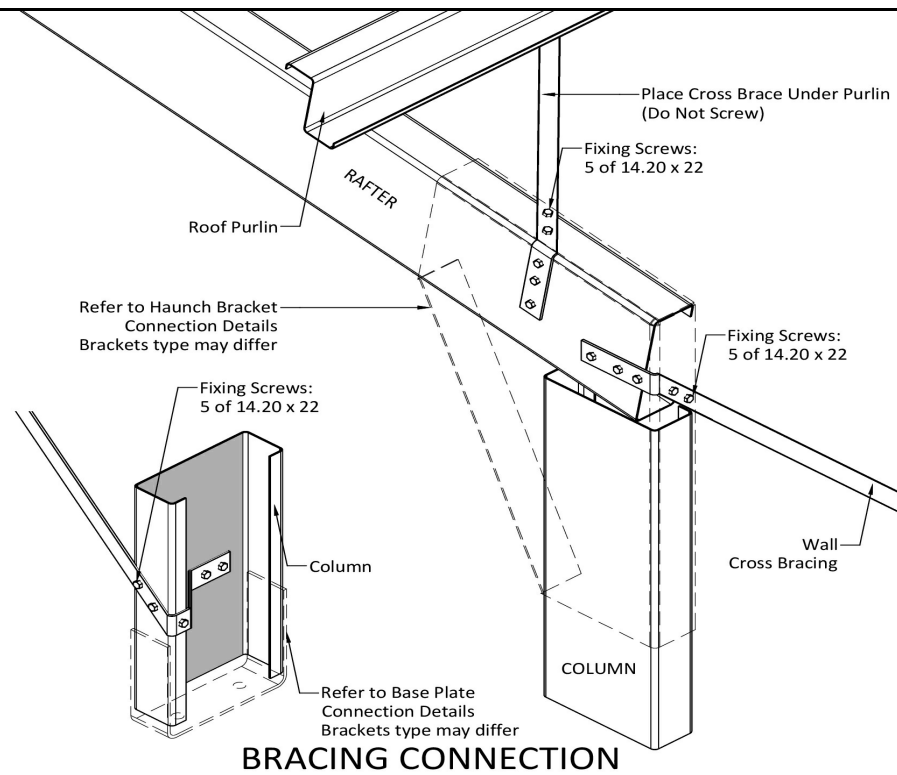
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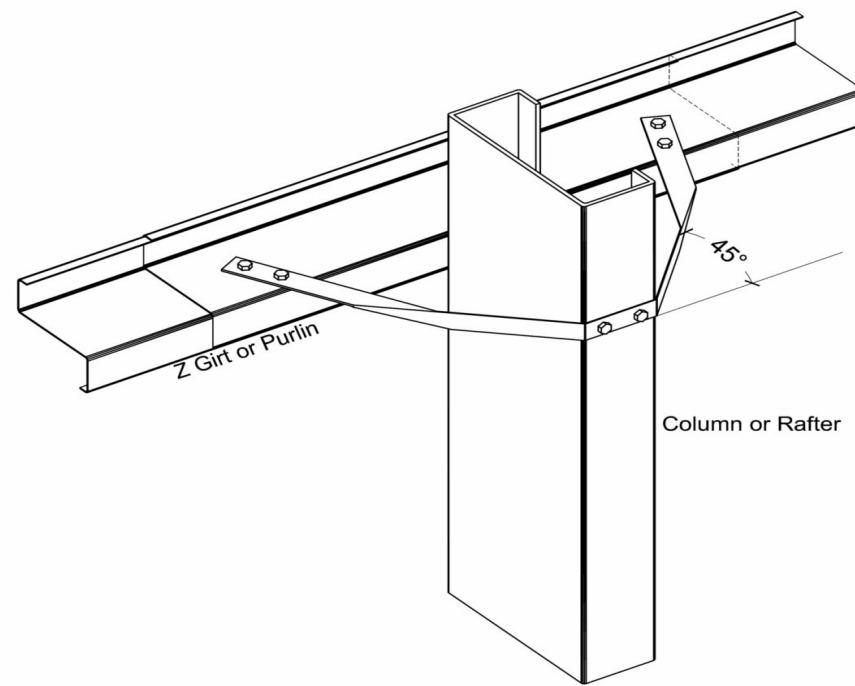
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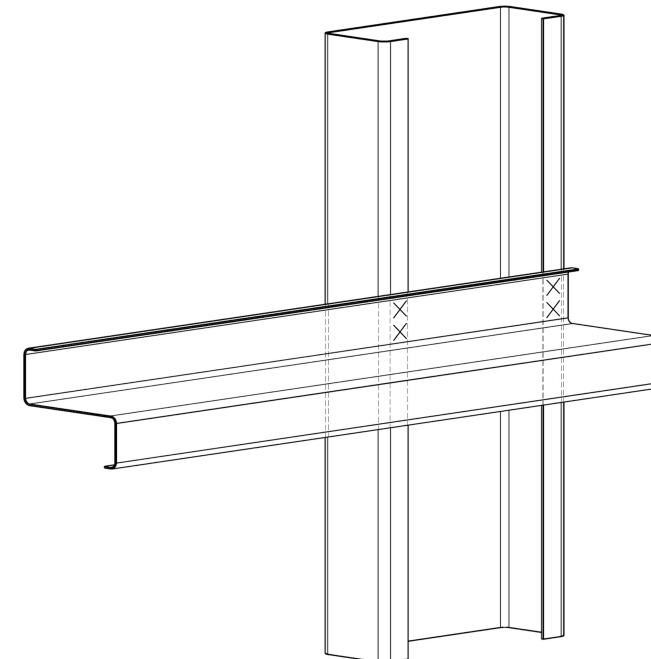
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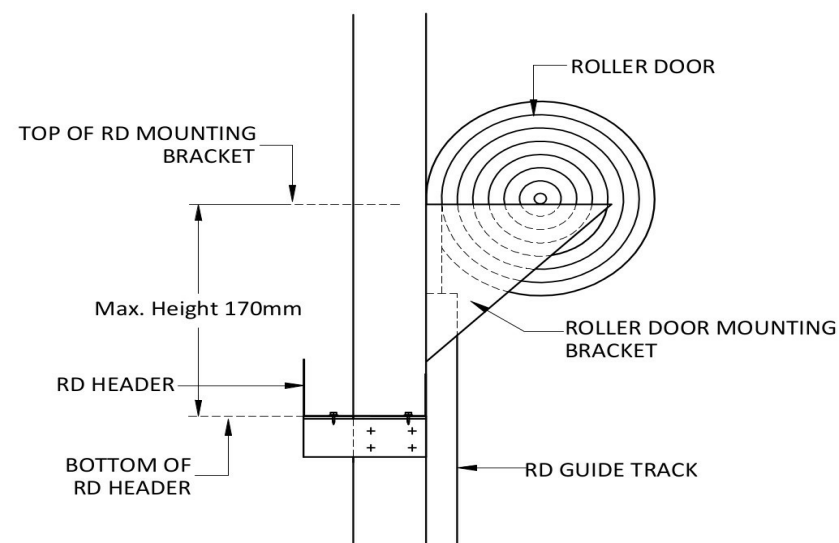
BRACING CONNECTION



FIXING SCREWS - 6 of 14.20 x 22
FLY BRACING



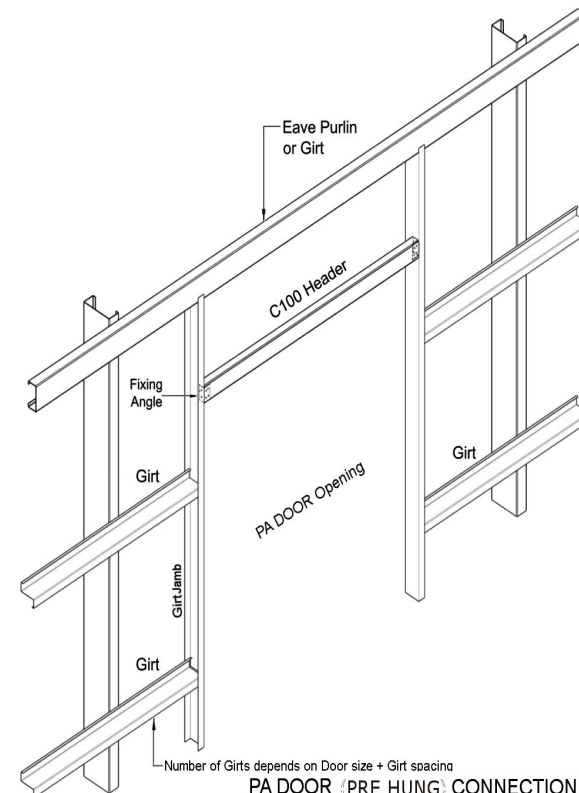
GIRT FIXING - Z



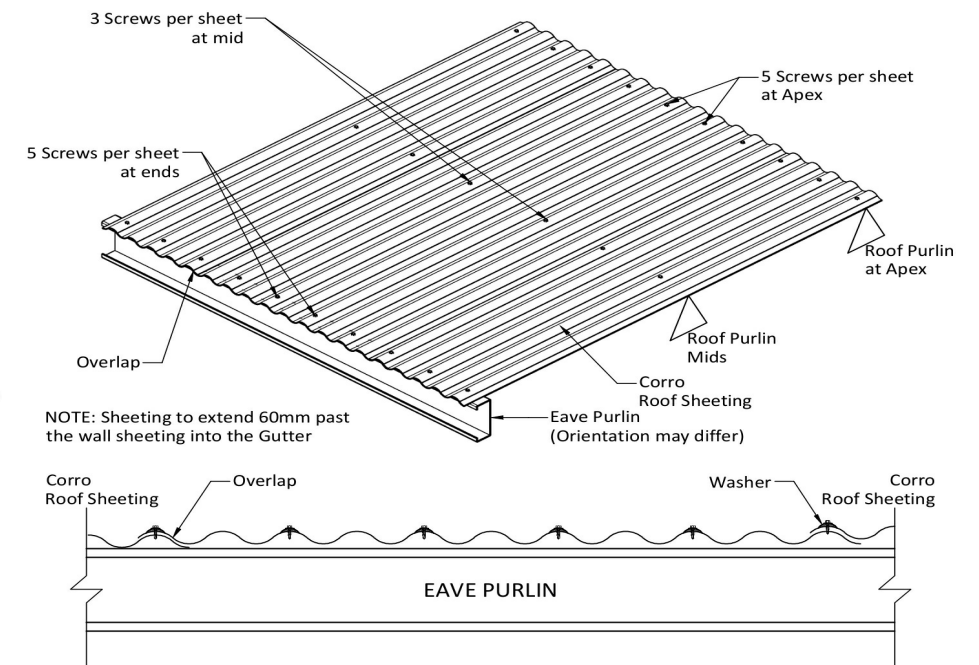
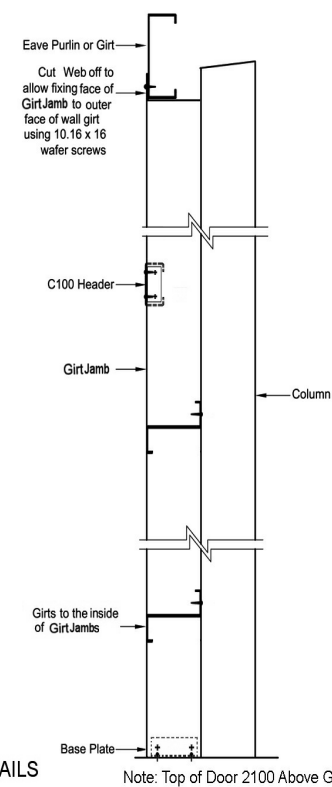
WARNING

FIXING THE ROLLER DOOR MOUNTING BRACKET HIGHER THAN 170mm WILL CAUSE PROBLEMS WITH THE DOOR BARREL. PRETENSION ON 2100 HIGH DOORS IS A MAXIMUM OF 1 3/4 TURNS ONLY

(2100 ROLLER DOORS MOUNTING BRACKET HEIGHT ABOVE HEAD)



PA DOOR (PRE HUNG) CONNECTION DETAILS



Roofing Screws - 12.14 x 35 Hex Seal High Grip with Cyclonic Washer

CORRO ROOF SHEET FIXING

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Drawing # TMJD223017 - 8

Print Date: 20/10/22

Connection Details

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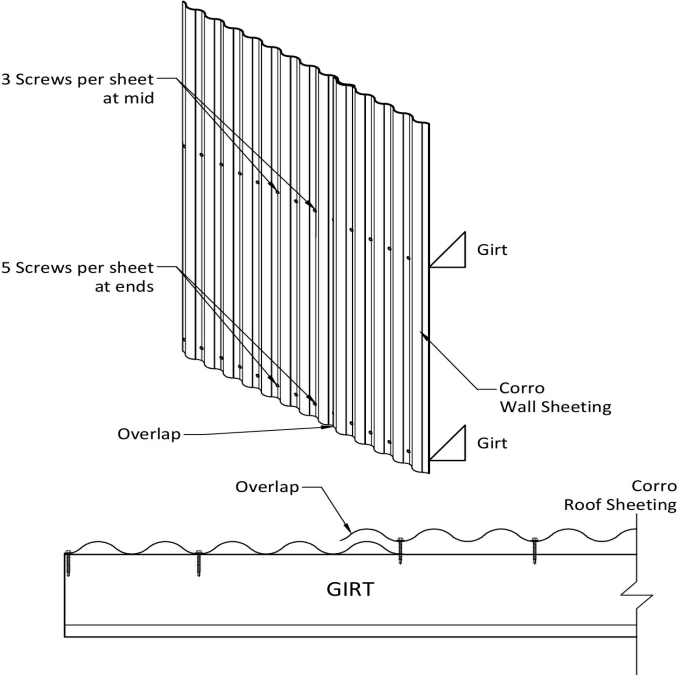
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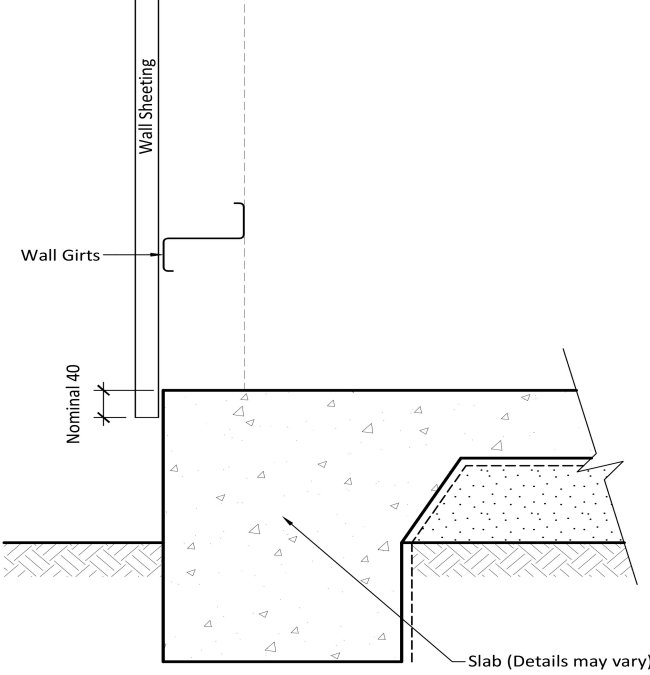
John Ronaldson

John Ronaldson

Date: 20/10/22

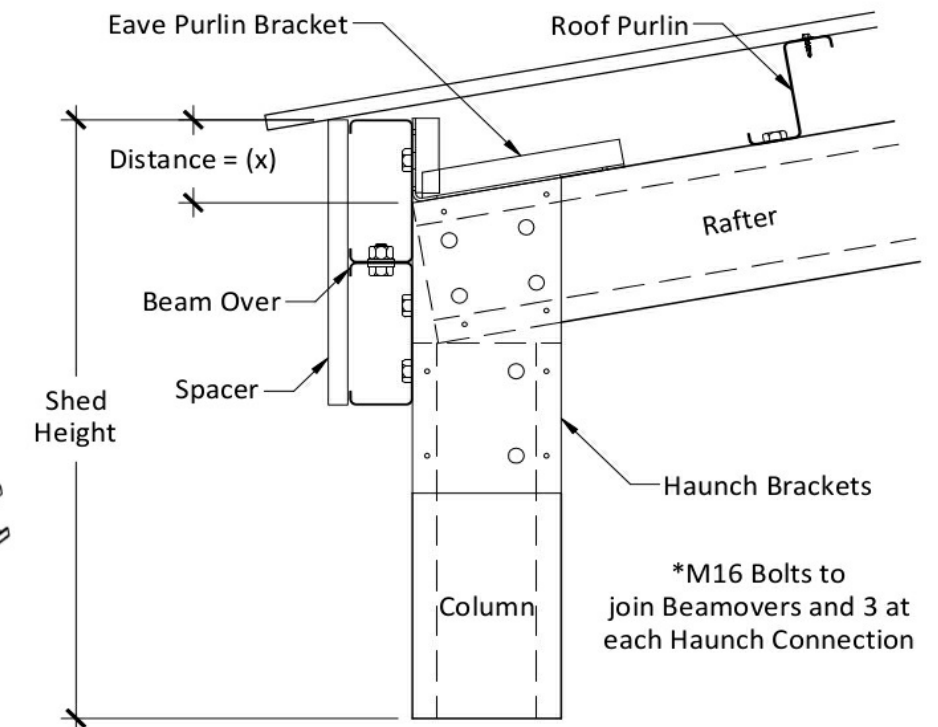
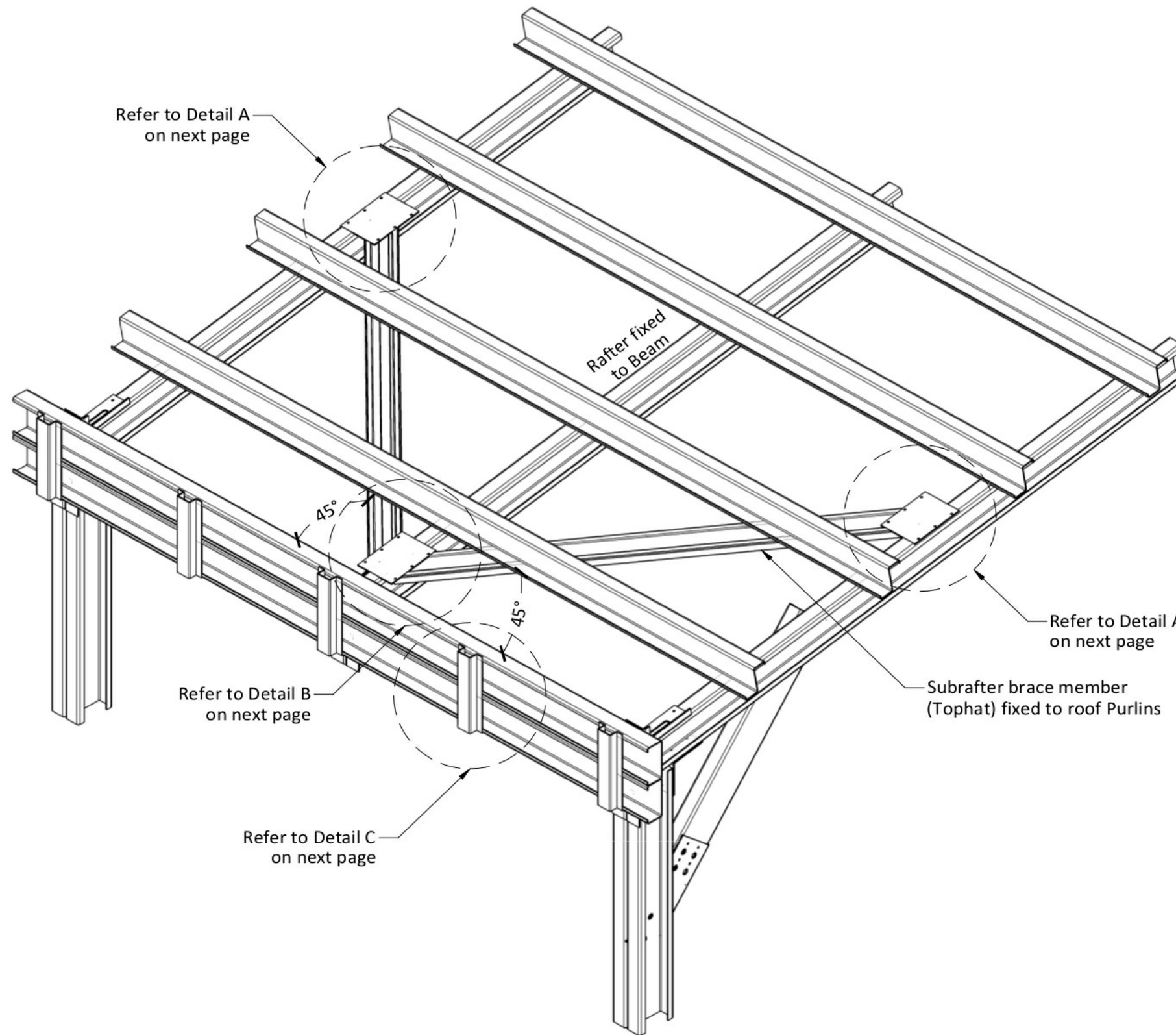


Wall Screws - 10.16 x 16 Hex
WALL SHEETING CONNECTION DETAILS



WALL SHEET OVERHANG DETAIL

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Site Address: 57 Rifle Range Rd Mudgee NSW 2850 Australia				
Drawing # TMJD223017 - 8	Print Date: 20/10/22			



Values of (x)

Roof Purlins	Beam Over				
	6°	10°	15°	22.5°	30°
Z100	92 mm	86 mm	79 mm	68 mm	59 mm
TH120	108 mm	101 mm	92 mm	80 mm	69 mm
Z150	137 mm	127 mm	117 mm	102 mm	88 mm
Z200	183 mm	171 mm	156 mm	135 mm	117 mm

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Connection Details

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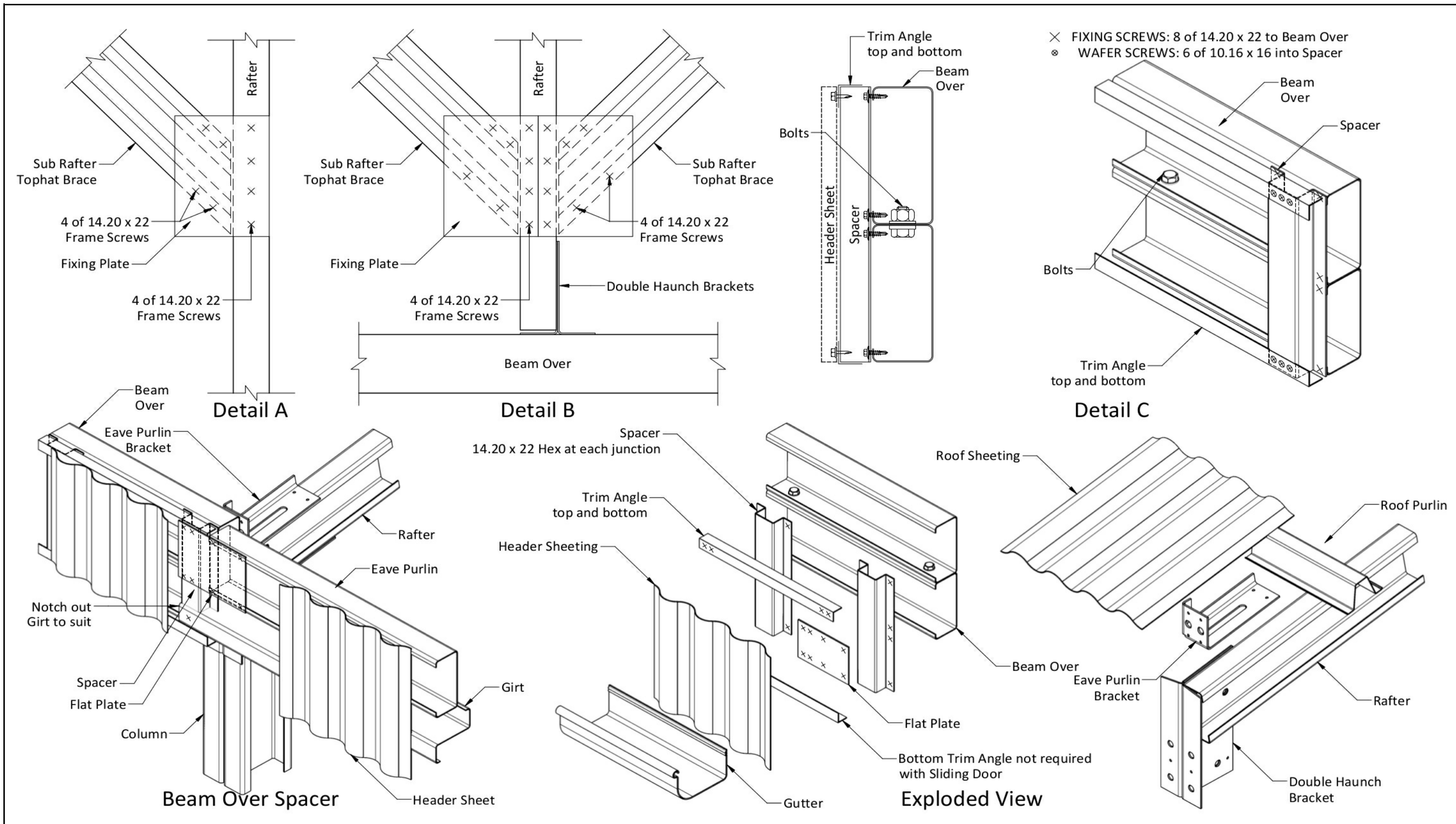
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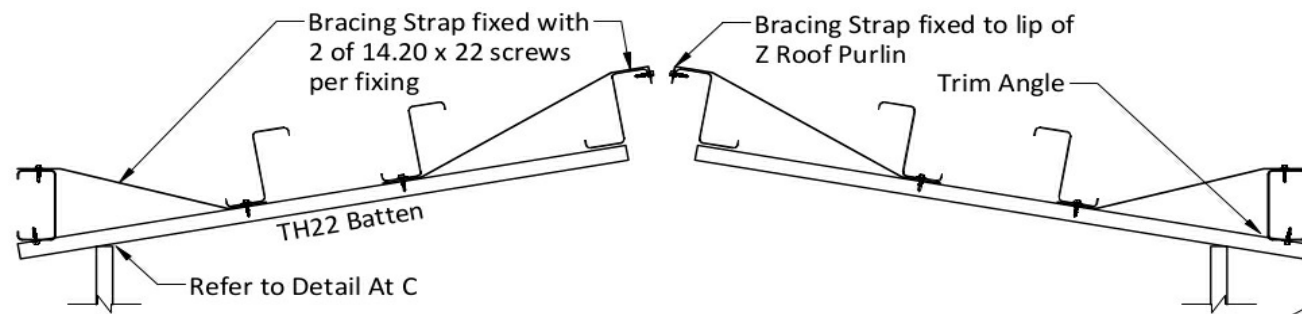
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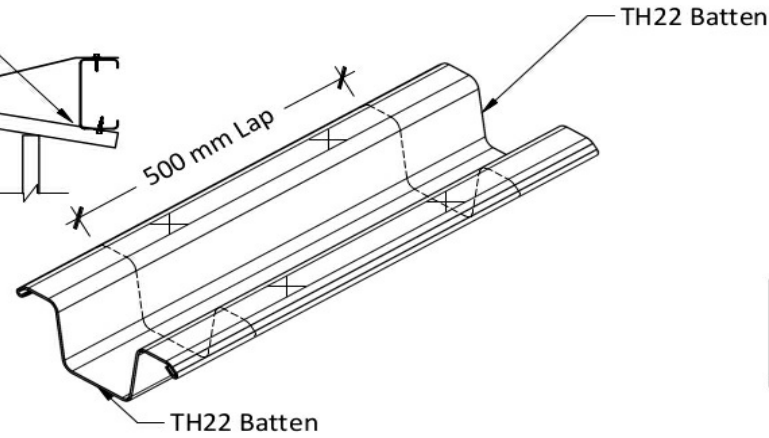
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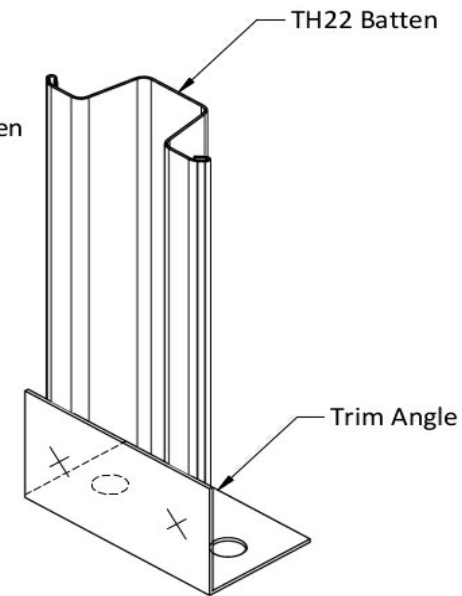


Note: Fix Bracing Strap first, then fix batten over Bracing Strap to maintain line.



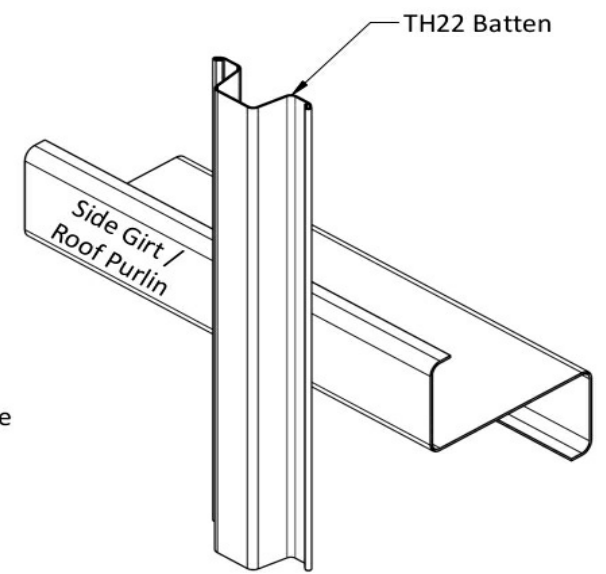
BATTEN OVERLAP

To extend battens,
Lap battens 500 mm with 4 screws



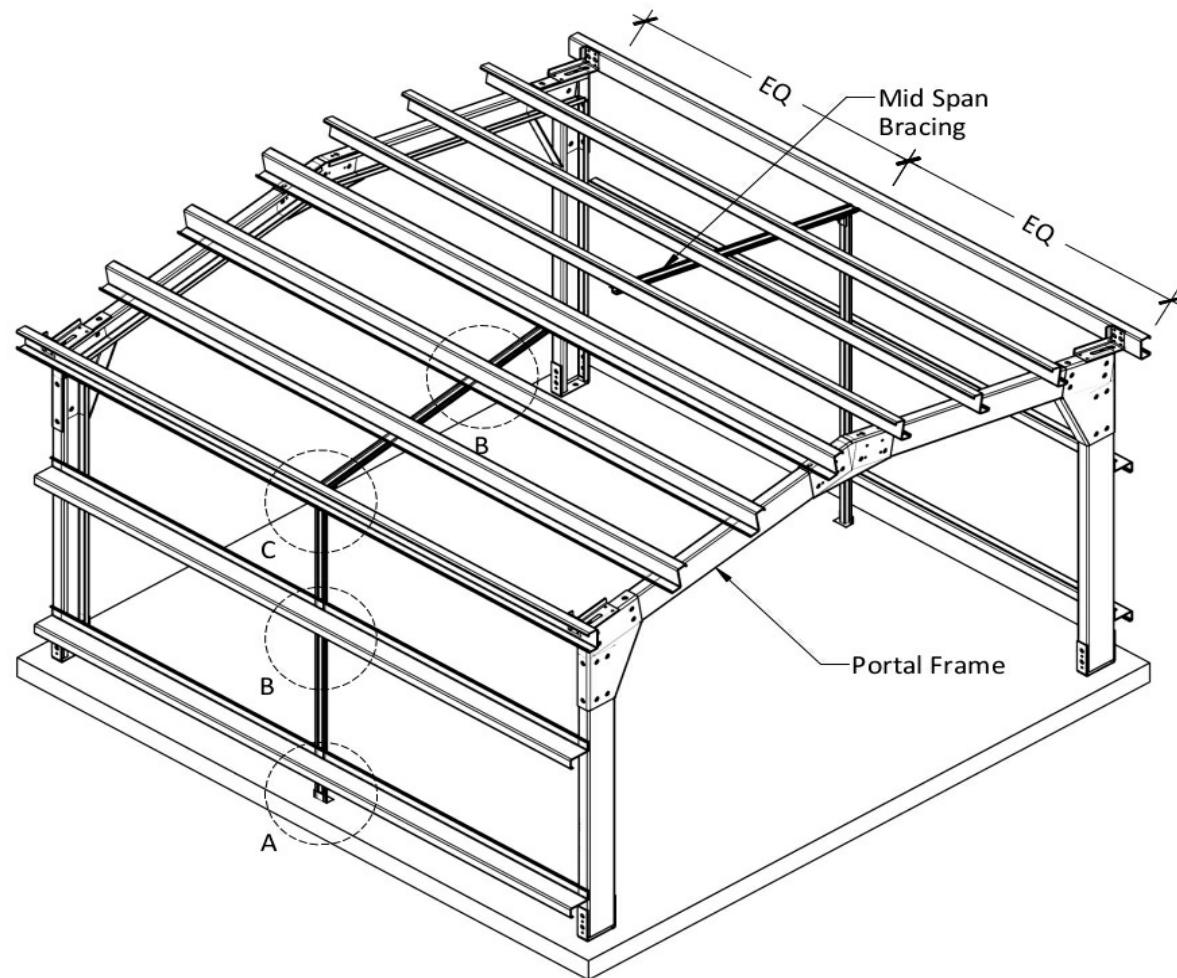
DETAIL AT A

FIXING SCREWS: 2 of 14.20 x 22 to Bracket
FIXING BOLTS: 2 of M8 x 40 Dynabolts to Concrete
PIERS ONLY FINISH AT BOTTOM GIRT

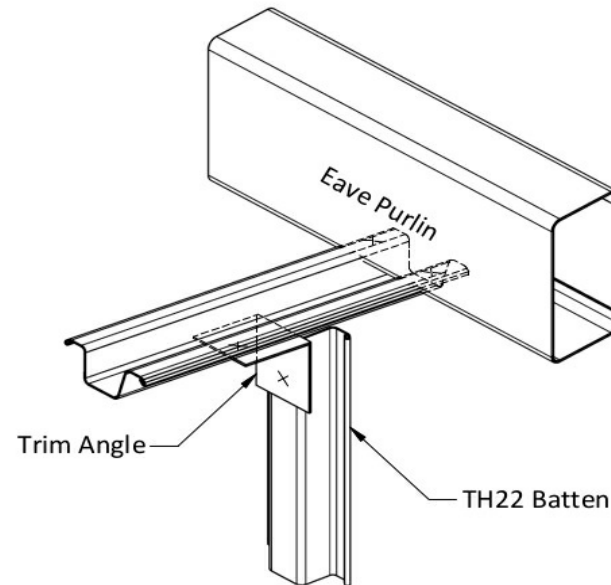


DETAIL AT B

FIXING SCREWS: 2 of 14.20 x 22
to each Wall Girt or Roof Purlin

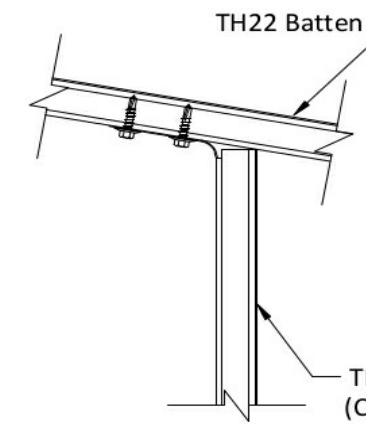


Illustrative Only:
Refer to specsheet for Bridging requirements and locations.
Bridging may not be required on both roof and walls as shown.
If Bridging is not in the specifications table it is not required



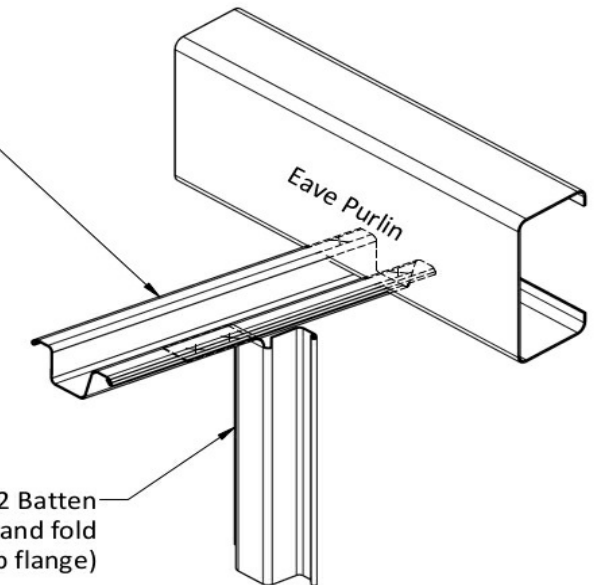
Trim Angle Option:

FIXING SCREWS: 2 of 14.20 x 22 to Bracket
FIXING SCREWS: 2 of 14.20 x 22 to Eave Purlin



Tag and Fold Option Side View:

DETAIL AT C



FIXING SCREWS: 2 of 14.20 x 22 to Batten
FIXING SCREWS: 2 of 14.20 x 22 to Eave Purlin

Where possible, use Trim Angle or attach the Roof Bridging to the Eave Purlin

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