



**Connections and  
Attachments**

## Apollo Roofing Solutions

**Head Office** 29 Corymbia Place,  
Parkinson QLD 4115

**Phone** (07) 3086 6060

**Website** [www.apolloroofingsolutions.com.au](http://www.apolloroofingsolutions.com.au)

## Document Control

**Date** 20 April 2026

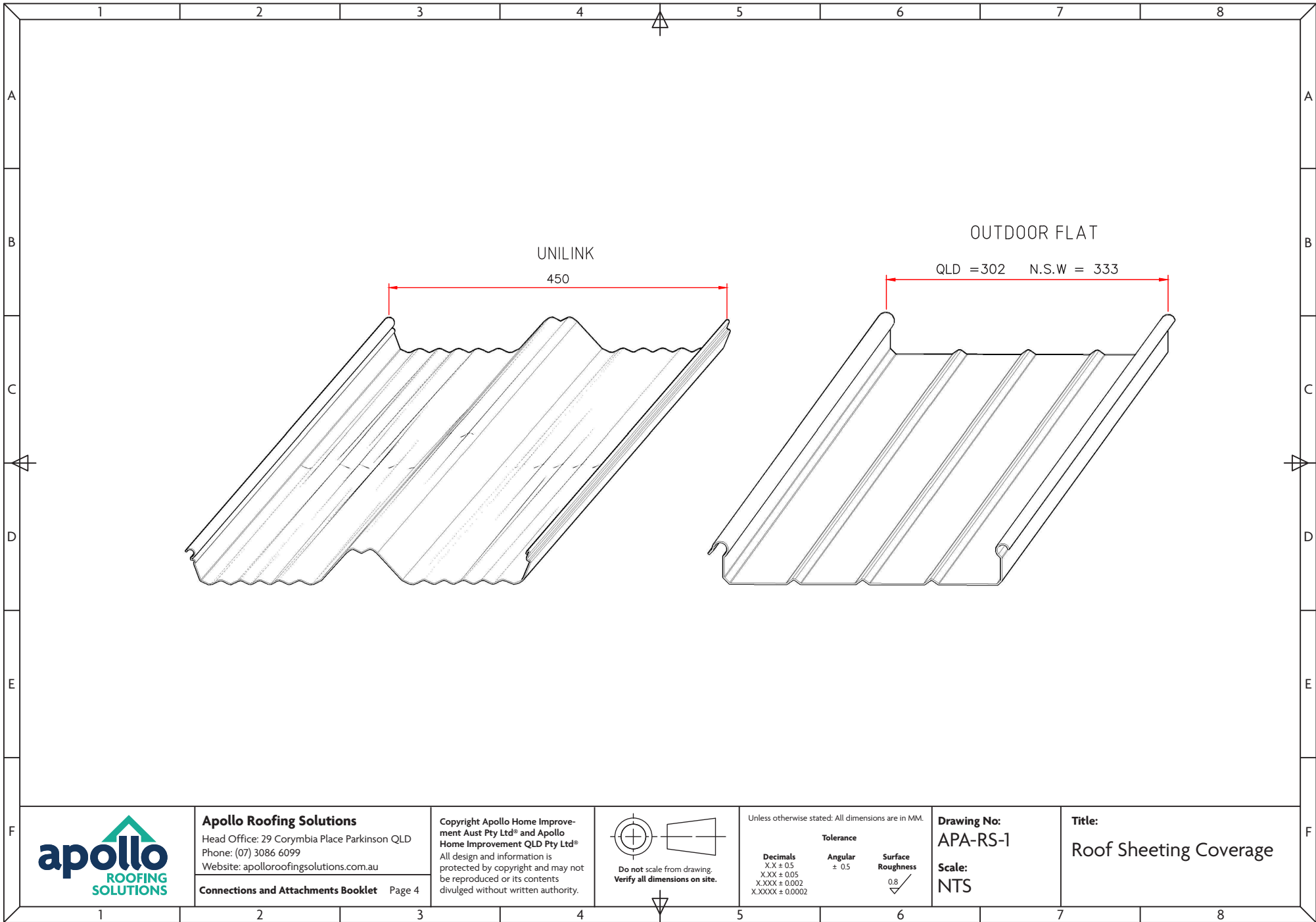
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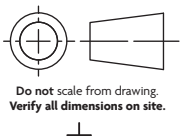
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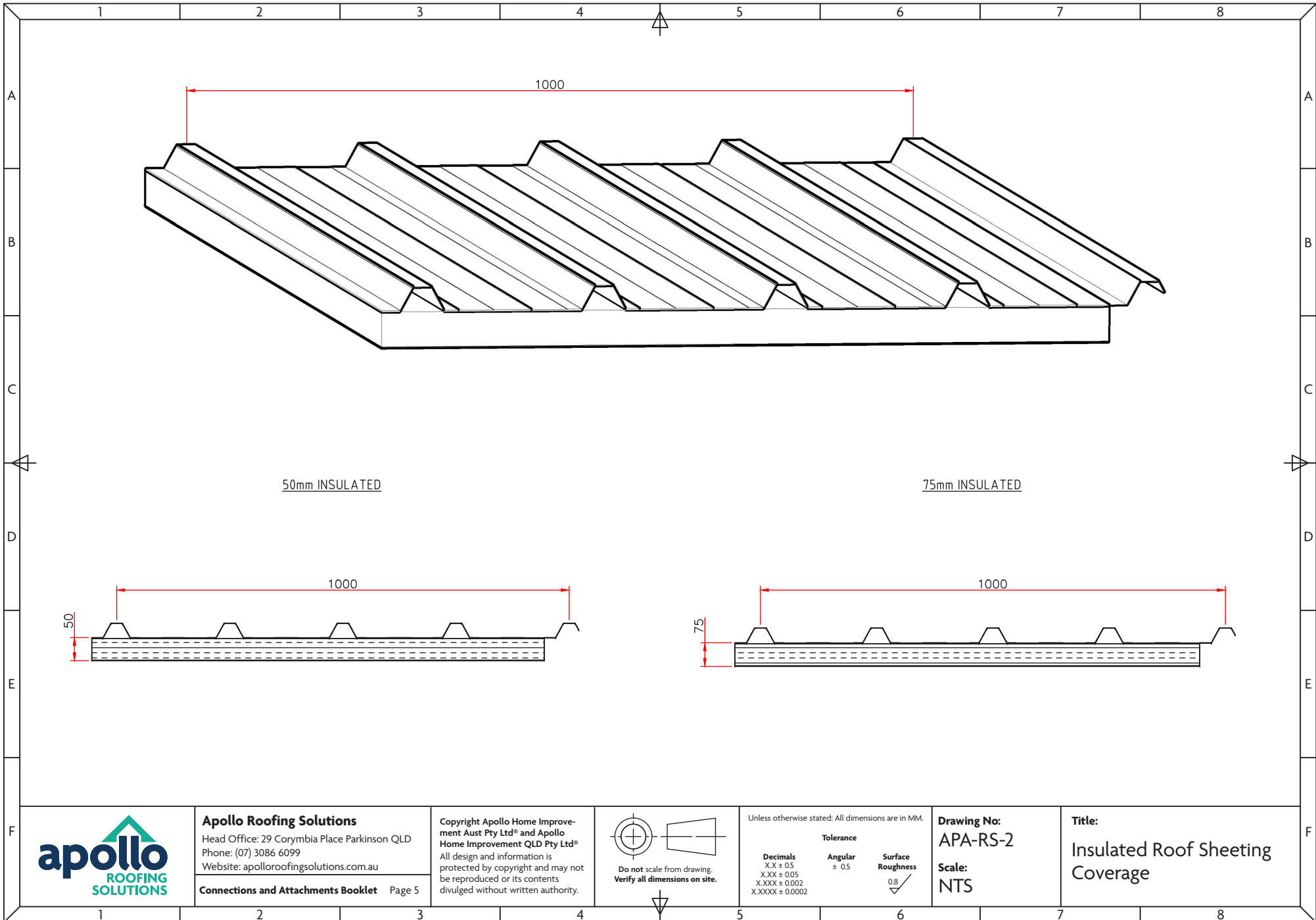


Unless otherwise stated: All dimensions are in MM.

Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8 ✓
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

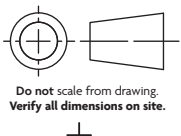
**Drawing No:**  
 APA-RS-1  
**Scale:**  
 NTS

**Title:**  
 Roof Sheetting Coverage



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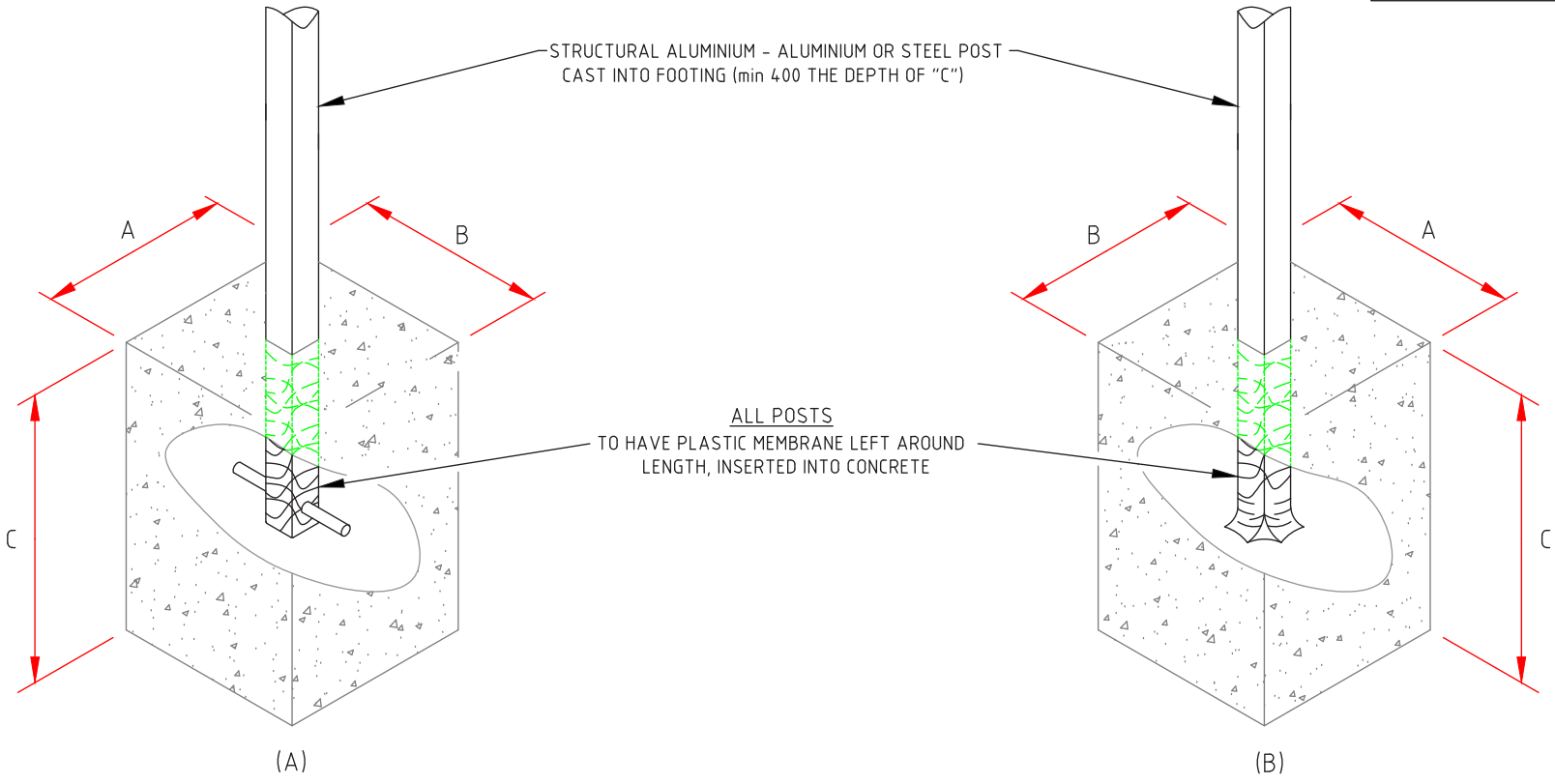
Unless otherwise stated: All dimensions are in MM.

Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8 ✓
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-RS-2  
**Scale:**  
 NTS

**Title:**  
 Insulated Roof Sheetting Coverage

Alex Milanovic BE, Grad.  
 Dip. Man., M.I.E. AUST  
 Reg. Engineer - No. 1188  
 Reg. Builder - No. 74741  
 Alex Milanovic & Associates



OPTION (A)  
 Ø16 BAR THROUGH POST 50mm FROM END.

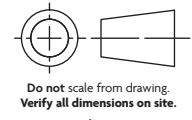
OPTION (B)  
 DEFORM END OF POST.

**NOTE**  
 All footings  
 to Standard  
 ANZFC01



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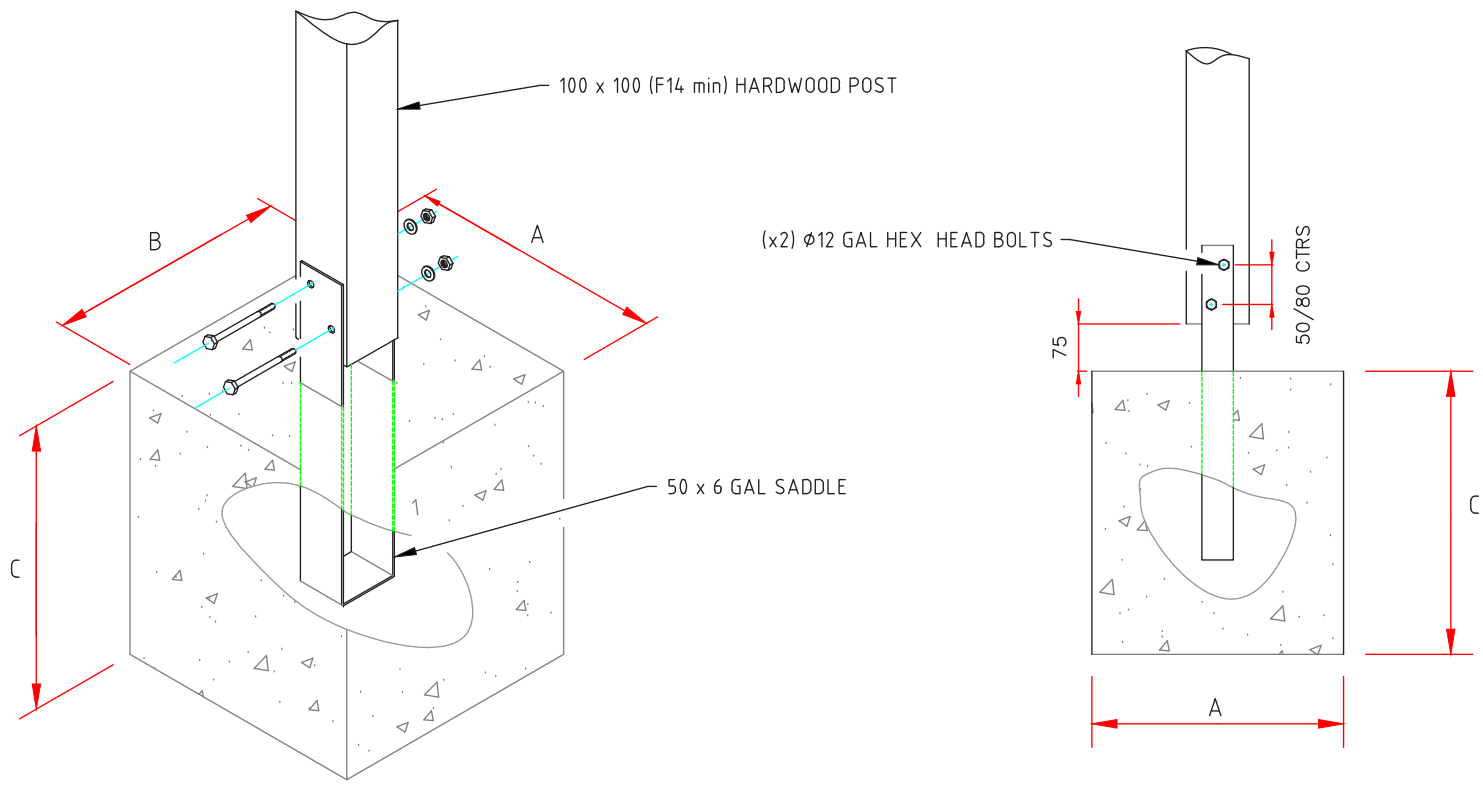
Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		0.4
X.XXX ± 0.002		0.2
X.XXXX ± 0.0002		0.1

**Drawing No:**  
 APA-PF-1  
**Scale:**  
 NTS

**Title:**  
 Steel/Aluminium Post to Footing

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 Dip. Man., M.I.E. AUST  
 Reg. Engineer - No. 1188  
 Reg. Builder - No. 74741  
 Alex Milanovic & Associates

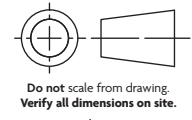


**NOTE**  
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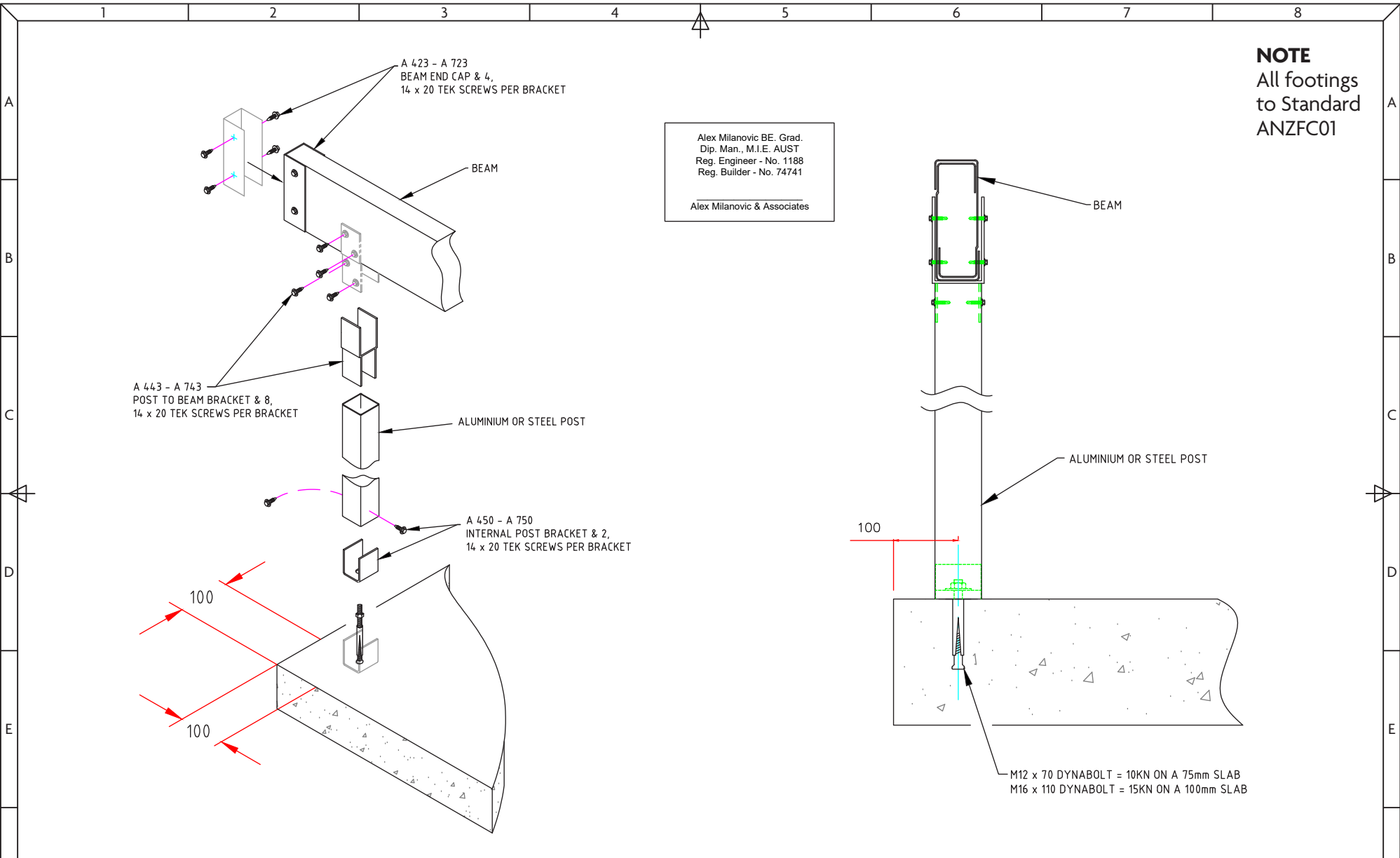


Unless otherwise stated: All dimensions are in MM.

Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-TPF-2  
**Scale:**  
 NTS

**Title:**  
 Timber Post to Footing



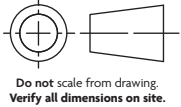
**NOTE**  
All footings  
to Standard  
ANZFC01

Alex Milanovic BE, Grad.  
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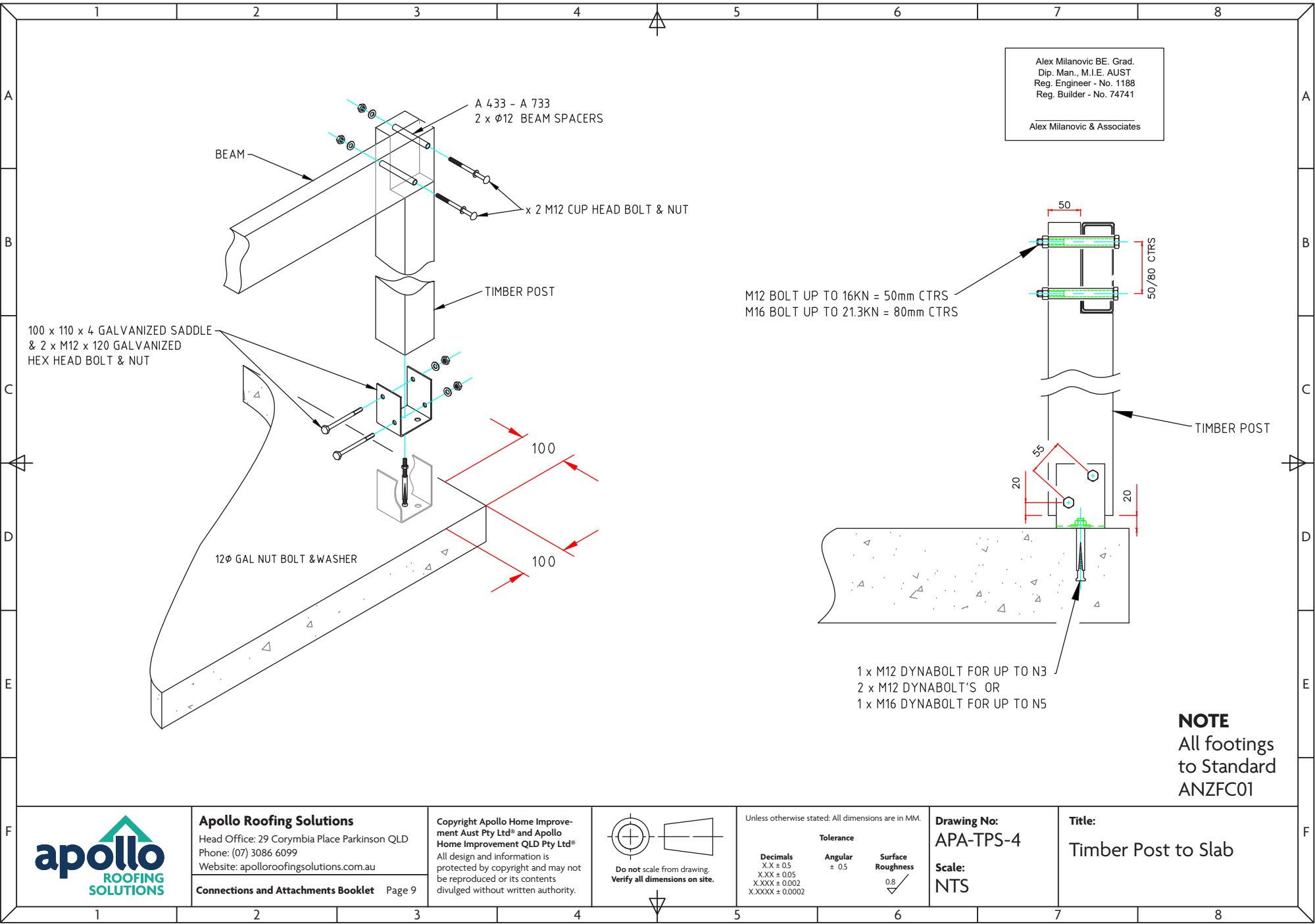


Unless otherwise stated: All dimensions are in MM.

Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
APA-PS-3  
**Scale:**  
NTS

**Title:**  
Steel/Aluminium Post to Slab



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M12 BOLT UP TO 16KN = 50mm CTRS  
 M16 BOLT UP TO 21.3KN = 80mm CTRS

50  
 50/80 CTRS

TIMBER POST

55  
 20

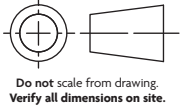
1 x M12 DYNABOLT FOR UP TO N3  
 2 x M12 DYNABOLT'S OR  
 1 x M16 DYNABOLT FOR UP TO N5

**NOTE**  
 All footings  
 to Standard  
 ANZFC01



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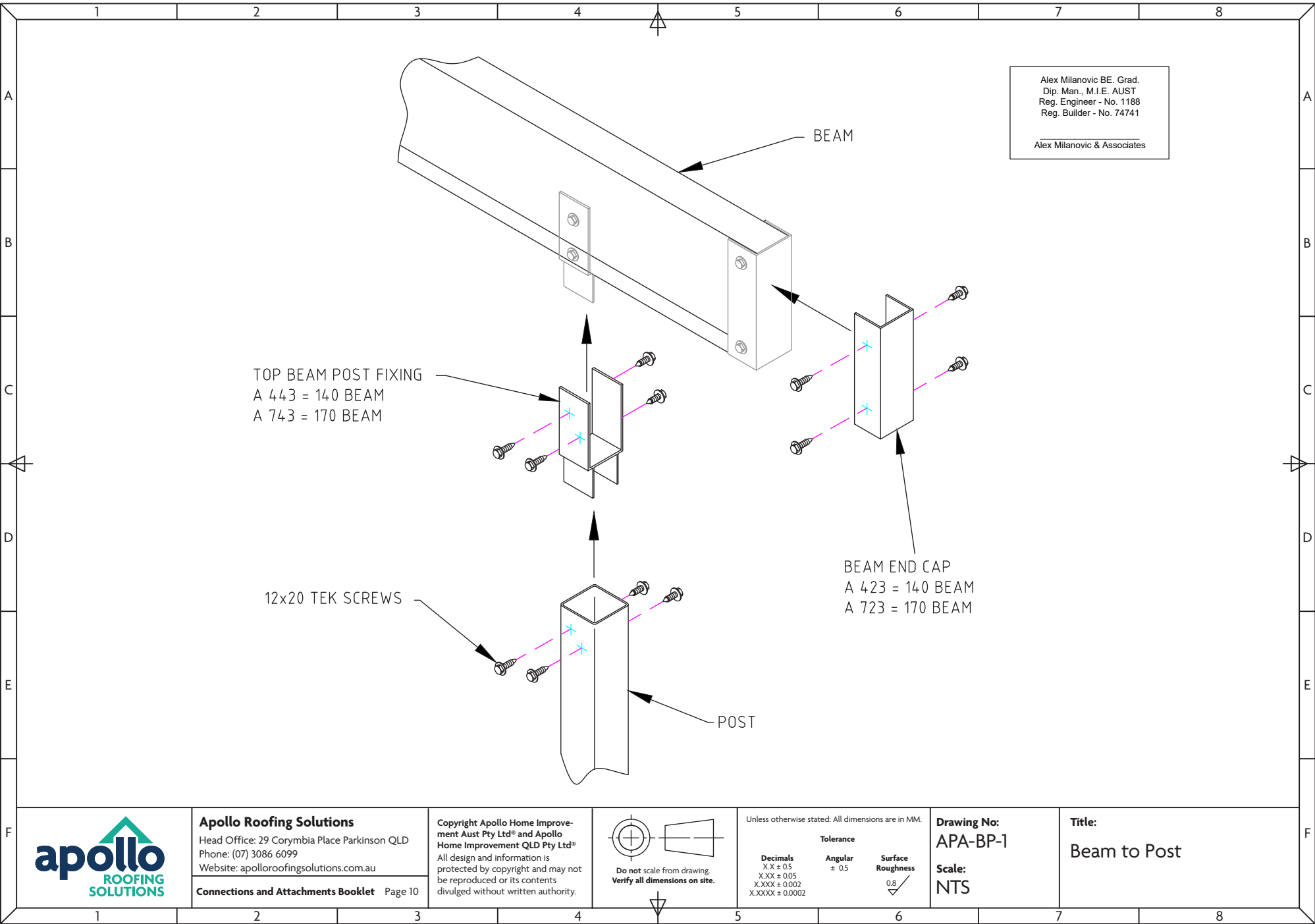


Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-TPS-4  
**Scale:**  
 NTS

**Title:**  
 Timber Post to Slab



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 Alex Milanovic & Associates

TOP BEAM POST FIXING  
 A 443 = 140 BEAM  
 A 743 = 170 BEAM

12x20 TEK SCREWS

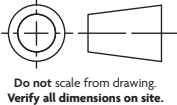
BEAM END CAP  
 A 423 = 140 BEAM  
 A 723 = 170 BEAM

POST



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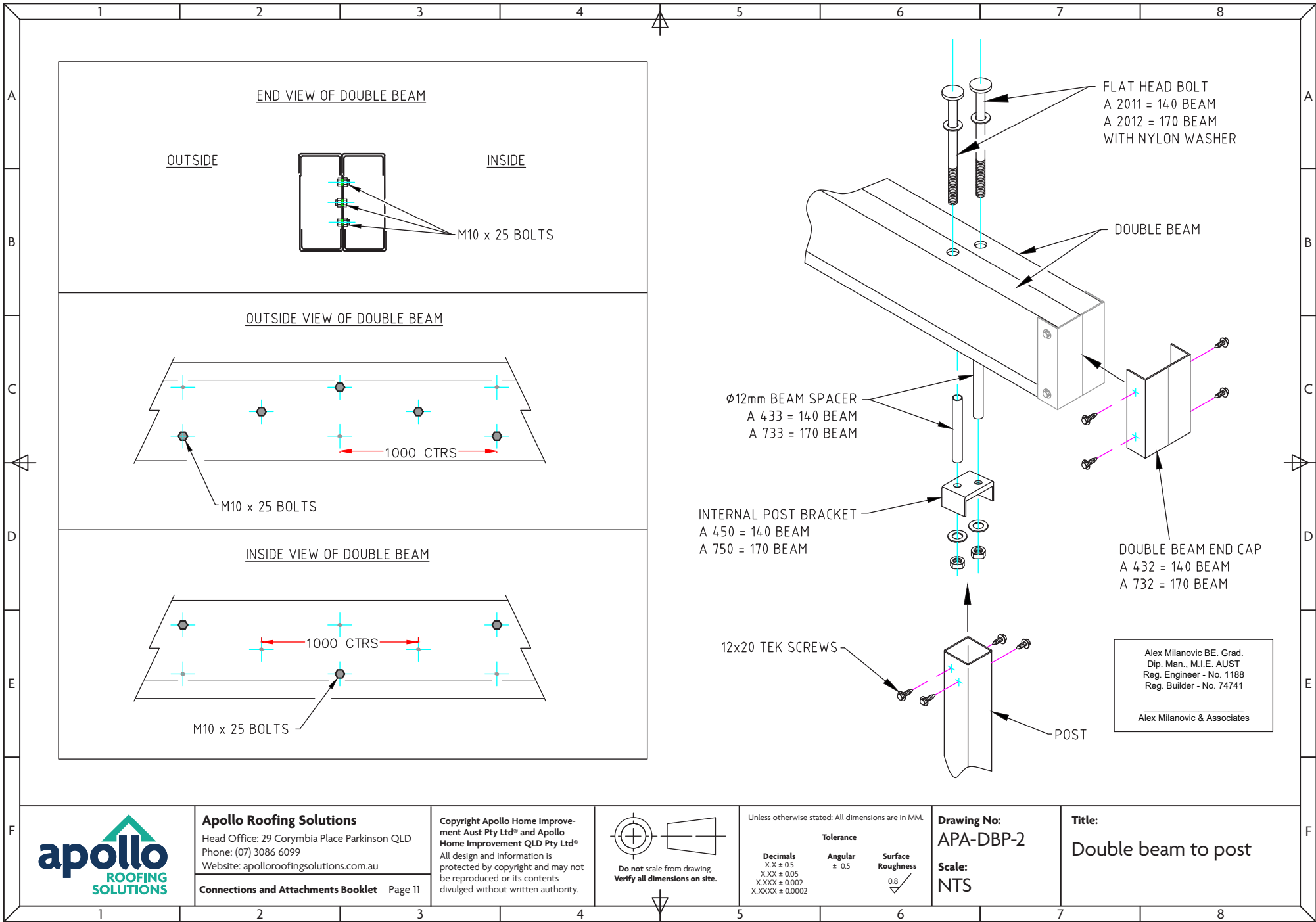


Unless otherwise stated: All dimensions are in MM.

Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-BP-1  
**Scale:**  
 NTS

**Title:**  
 Beam to Post



END VIEW OF DOUBLE BEAM

OUTSIDE

INSIDE

M10 x 25 BOLTS

OUTSIDE VIEW OF DOUBLE BEAM

1000 CTRS

M10 x 25 BOLTS

INSIDE VIEW OF DOUBLE BEAM

1000 CTRS

M10 x 25 BOLTS

FLAT HEAD BOLT  
A 2011 = 140 BEAM  
A 2012 = 170 BEAM  
WITH NYLON WASHER

DOUBLE BEAM

Ø12mm BEAM SPACER  
A 433 = 140 BEAM  
A 733 = 170 BEAM

INTERNAL POST BRACKET  
A 450 = 140 BEAM  
A 750 = 170 BEAM

DOUBLE BEAM END CAP  
A 432 = 140 BEAM  
A 732 = 170 BEAM

12x20 TEK SCREWS

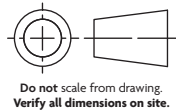
POST

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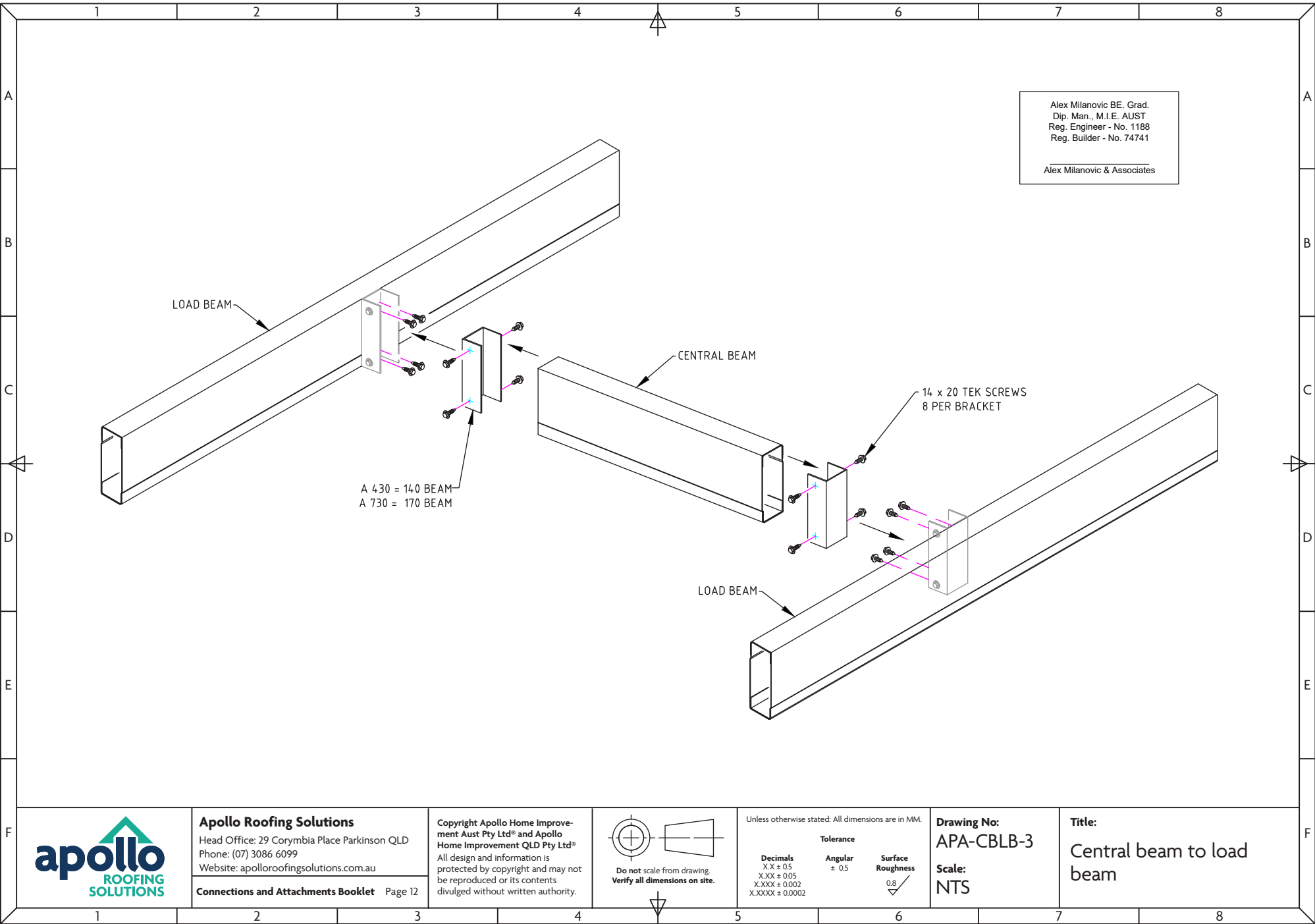


Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
APA-DBP-2  
**Scale:**  
NTS

**Title:**  
Double beam to post



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 Reg. Builder - No. 74741

Alex Milanovic & Associates

A 430 = 140 BEAM  
 A 730 = 170 BEAM

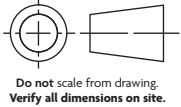
14 x 20 TEK SCREWS  
 8 PER BRACKET



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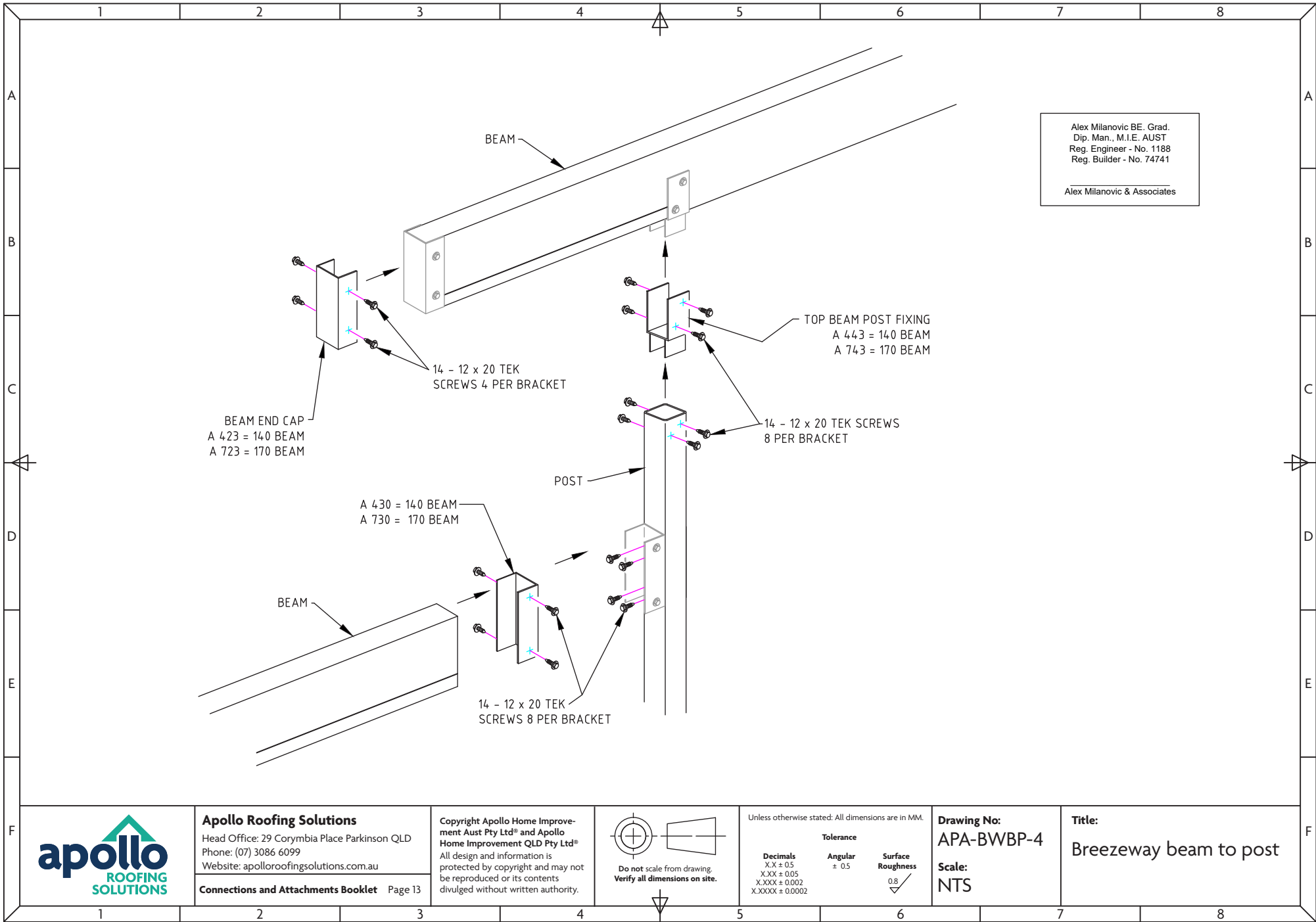
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Decimals	Tolerance	Surface Roughness
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X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-CBLB-3

**Scale:**  
 NTS

**Title:**  
 Central beam to load beam



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 Reg. Builder - No. 74741

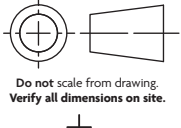
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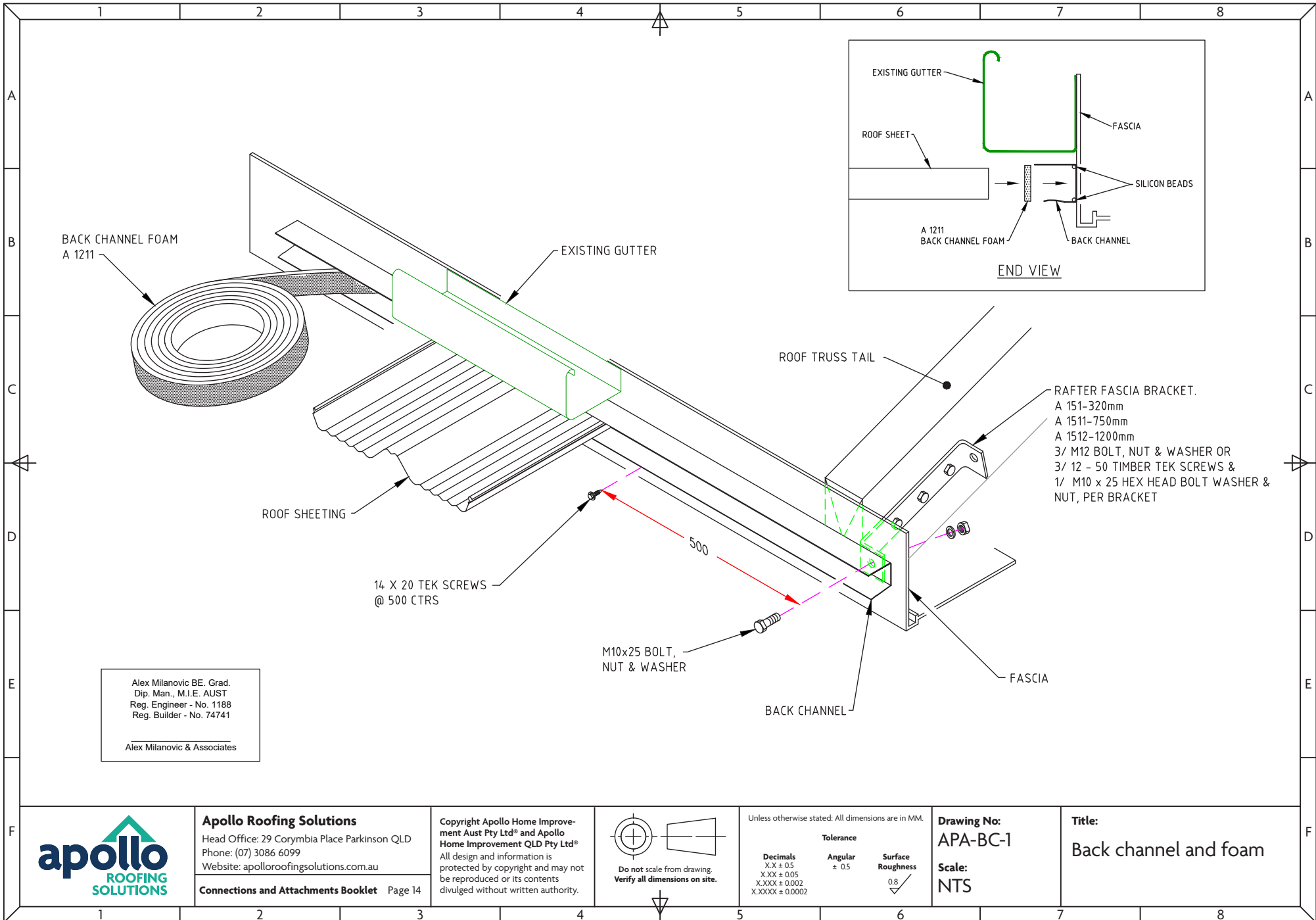
Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-BWBP-4

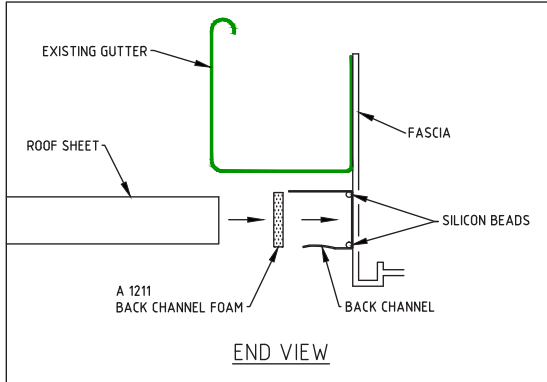
**Scale:**  
 NTS

**Title:**  
 Breezeway beam to post



BACK CHANNEL FOAM  
A 1211

EXISTING GUTTER



END VIEW

ROOF TRUSS TAIL

- RAFTER FASCIA BRACKET:  
 A 151-320mm  
 A 1511-750mm  
 A 1512-1200mm  
 3/ M12 BOLT, NUT & WASHER OR  
 3/ 12 - 50 TIMBER TEK SCREWS &  
 1/ M10 x 25 HEX HEAD BOLT WASHER &  
 NUT, PER BRACKET

ROOF SHEETING

14 X 20 TEK SCREWS  
@ 500 CTRS

500

M10x25 BOLT,  
NUT & WASHER

FASCIA

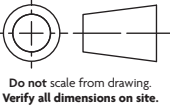
BACK CHANNEL

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 Reg. Builder - No. 74741  
 Alex Milanovic & Associates



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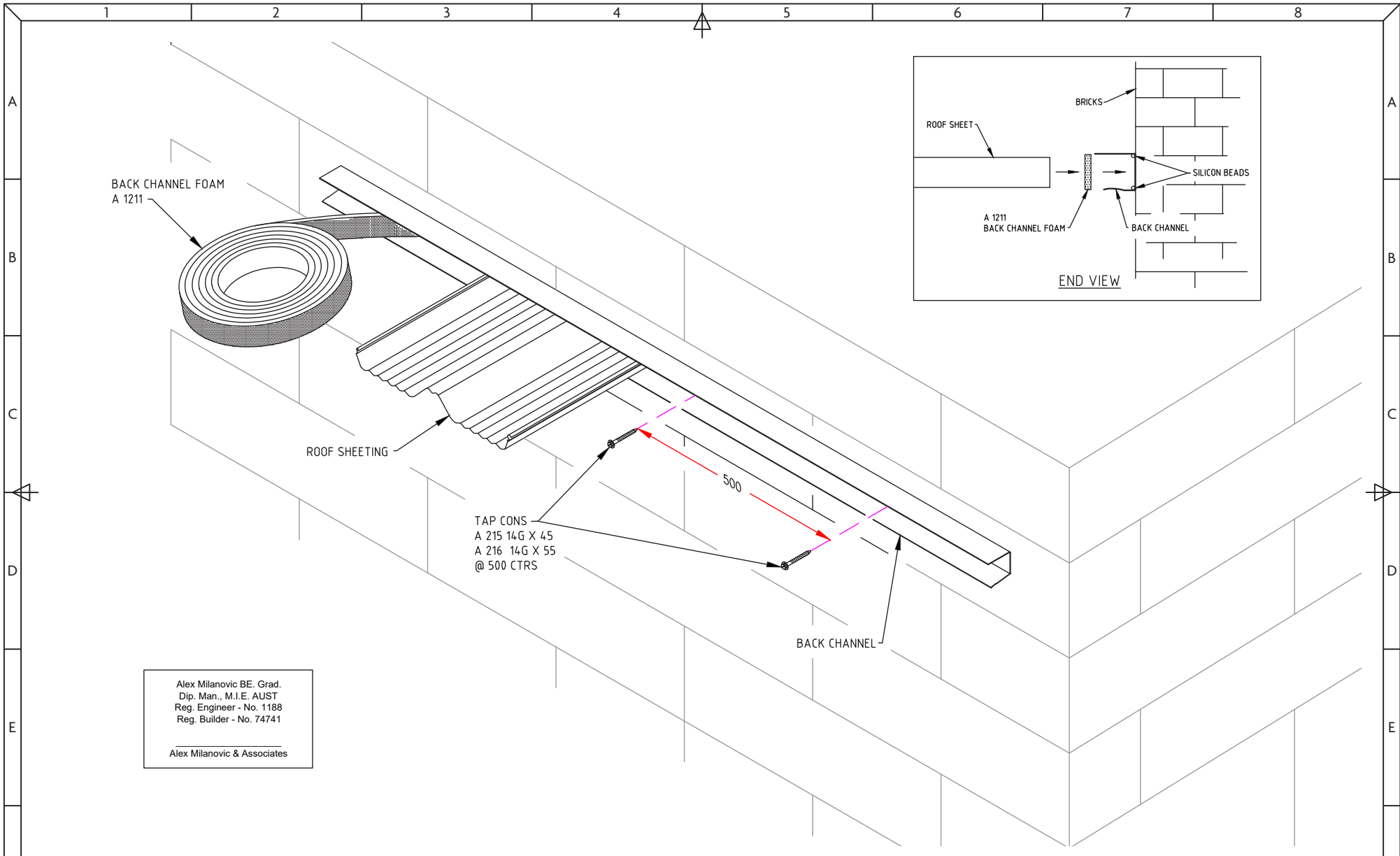


Unless otherwise stated: All dimensions are in MM.

Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
**APA-BC-1**  
**Scale:**  
**NTS**

**Title:**  
**Back channel and foam**



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 Reg. Engineer - No. 1188  
 Reg. Builder - No. 74741

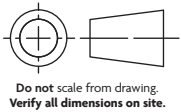
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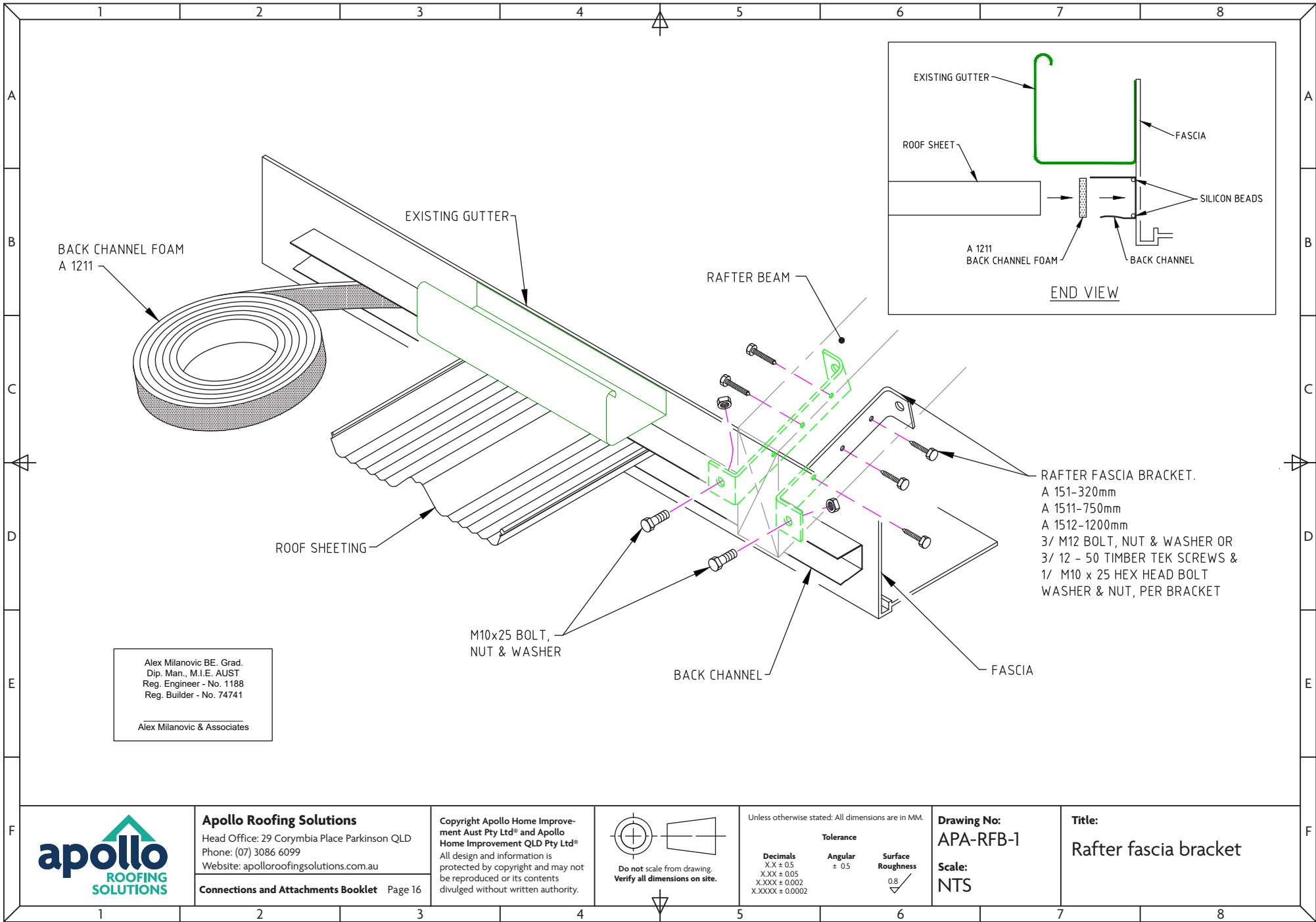
Unless otherwise stated: All dimensions are in MM.

Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-BC-2

**Scale:**  
 NTS

**Title:**  
 Back channel, tap cons,  
 and foam



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 Reg. Engineer - No. 1188  
 Reg. Builder - No. 74741

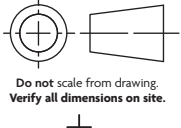
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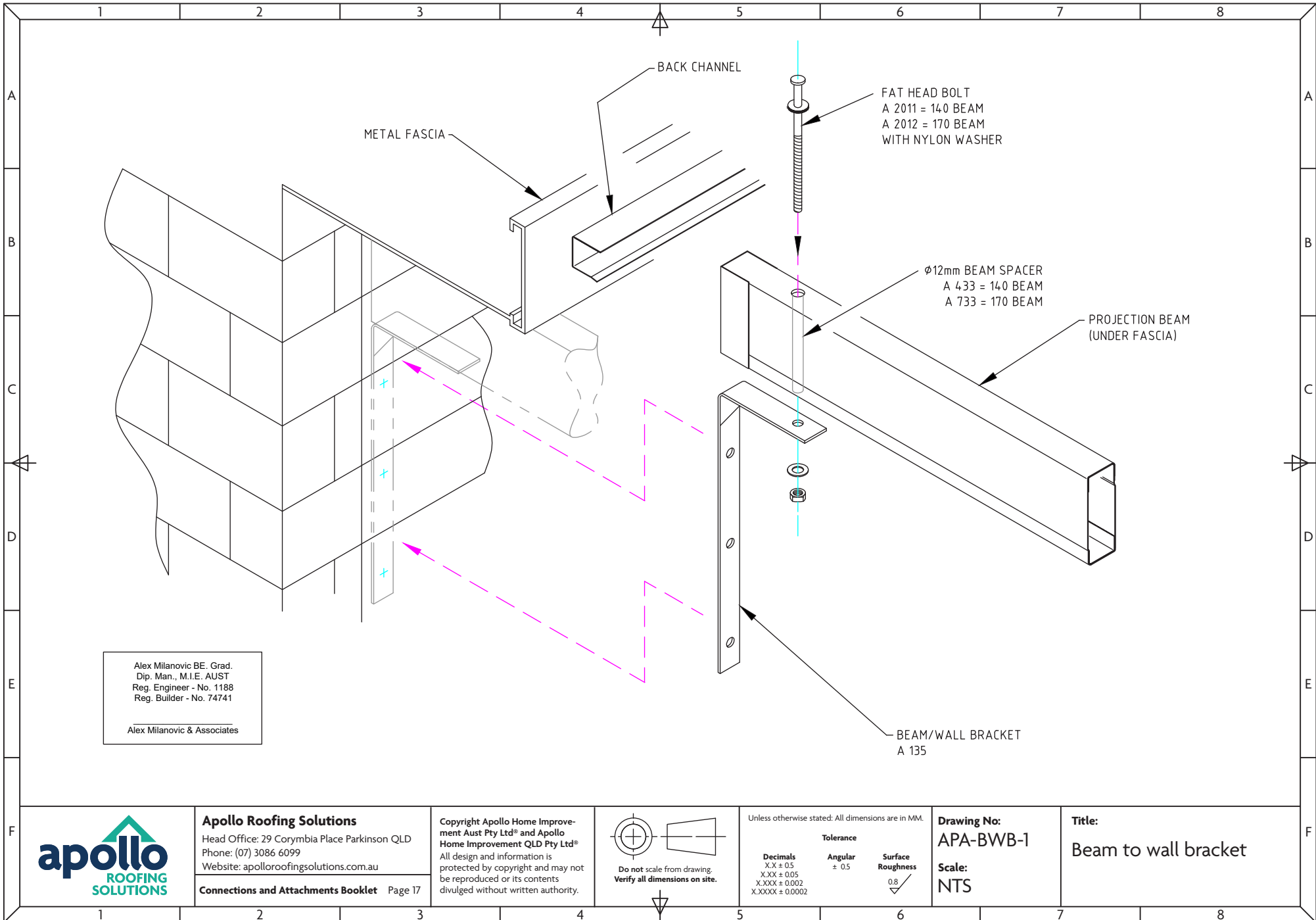
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Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-RFB-1

**Scale:**  
 NTS

**Title:**  
 Rafter fascia bracket



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 Reg. Builder - No. 74741

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Alex Milanovic & Associates

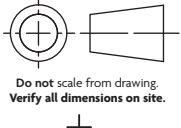


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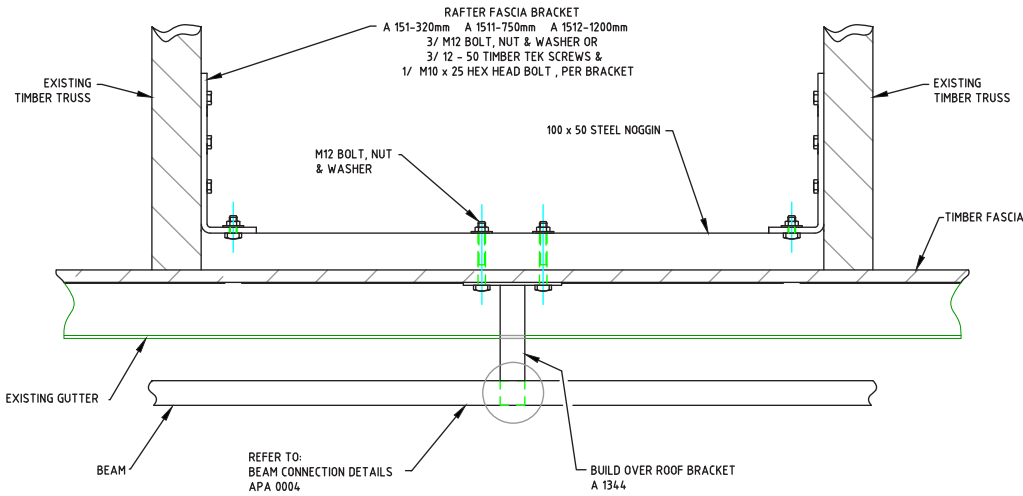
Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8 ✓
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

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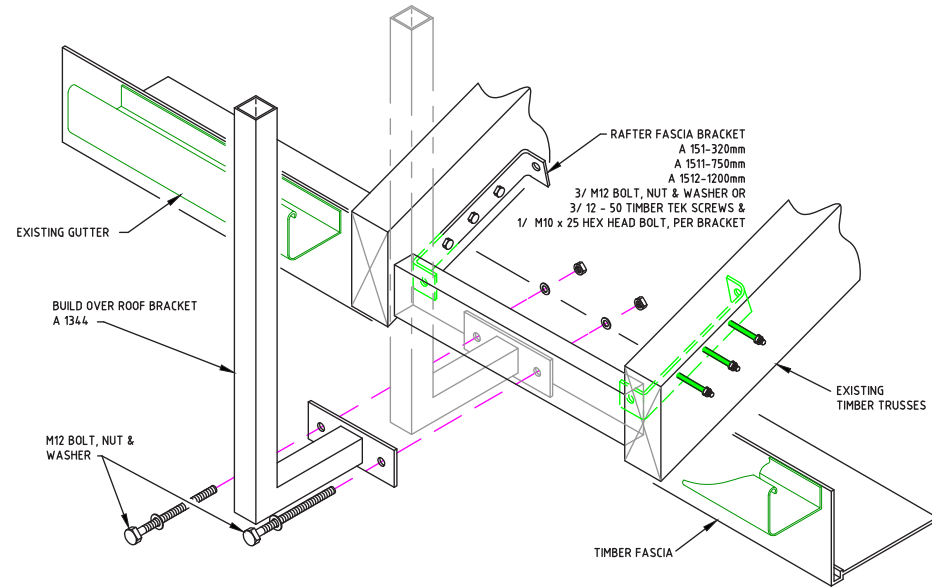
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**Scale:**  
 NTS

**Title:**  
 Beam to wall bracket



PLAN VIEW



ISOMETRIC VIEW

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Reg. Engineer - No. 1188  
Reg. Builder - No. 74741

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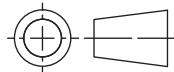


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Do not scale from drawing.  
Verify all dimensions on site.

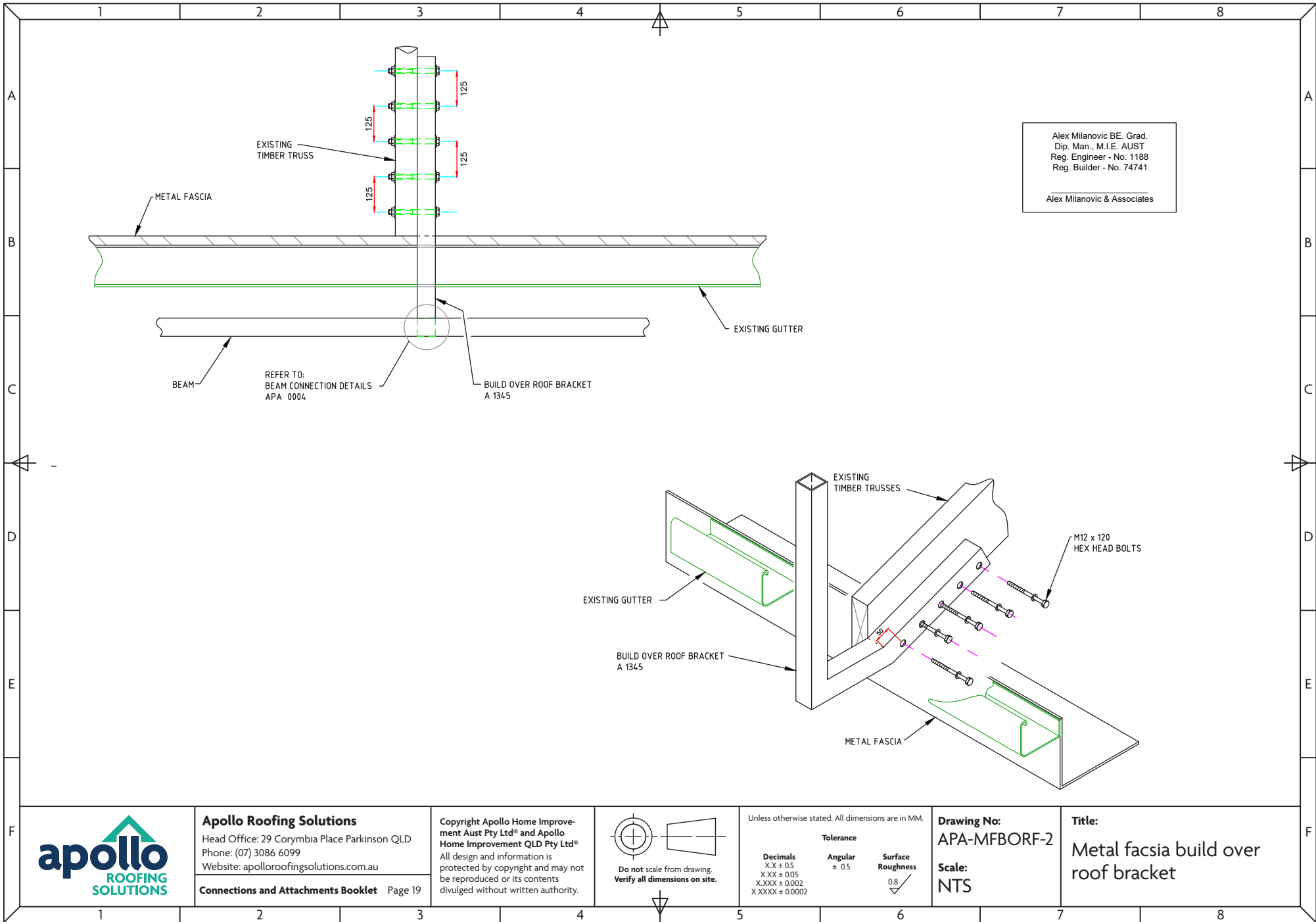
Unless otherwise stated: All dimensions are in MM.

Tolerance		
Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

Drawing No:  
APA-TFBORV-1

Scale:  
NTS

Title:  
Timber fascia build over roof bracket



Alex Milanovic BE. Grad.  
 Dip. Man., M.I.E. AUST  
 Reg. Engineer - No. 1188  
 Reg. Builder - No. 74741

---

Alex Milanovic & Associates

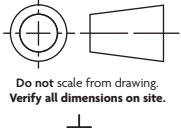


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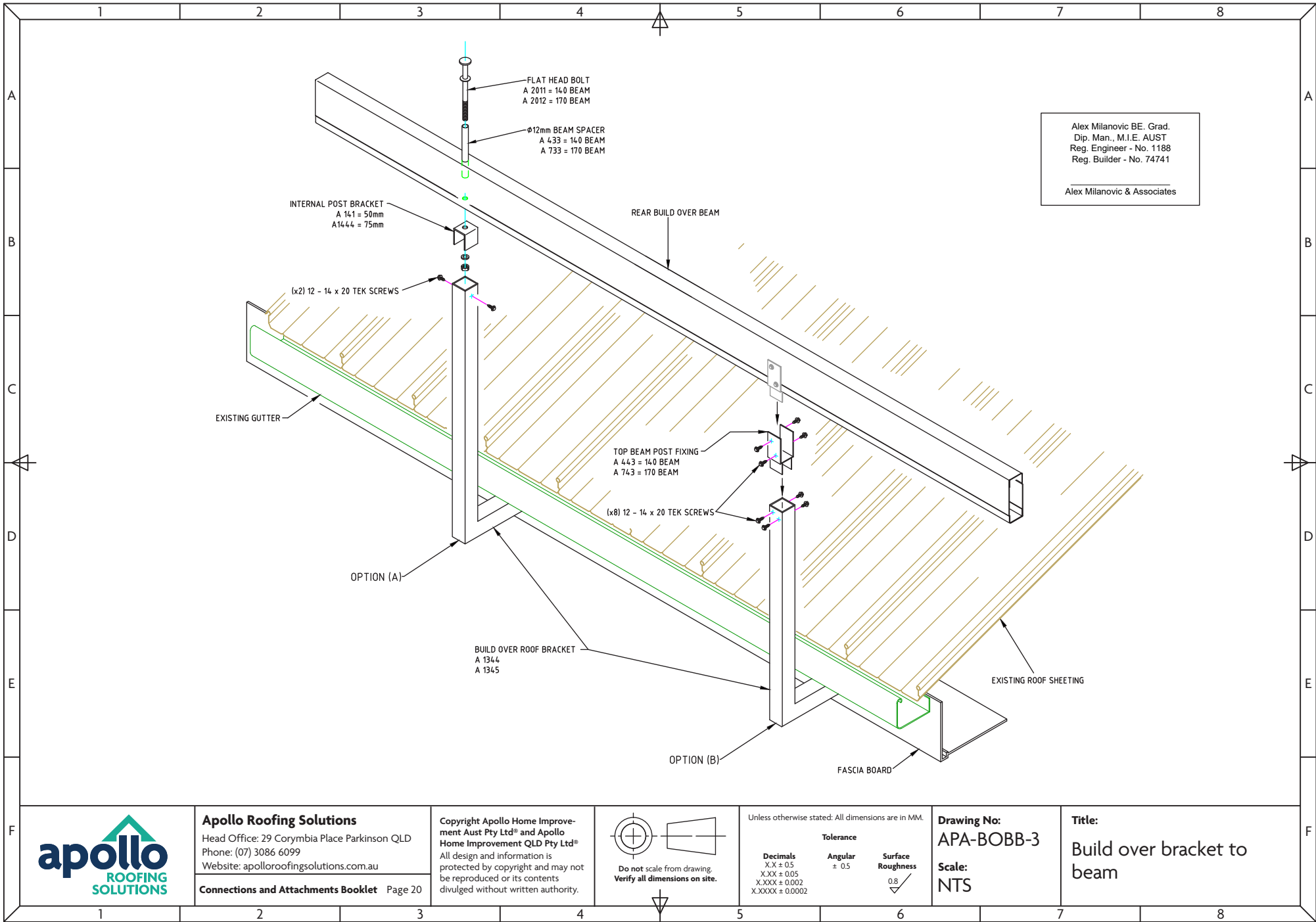
<b>Decimals</b>	<b>Tolerance</b>	<b>Surface Roughness</b>
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-MFBORF-2

---

**Scale:**  
 NTS

**Title:**  
 Metal fascia build over roof bracket



Alex Milanovic BE, Grad.  
Dip. Man., M.I.E. AUST  
Reg. Engineer - No. 1188  
Reg. Builder - No. 74741

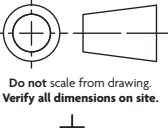
Alex Milanovic & Associates



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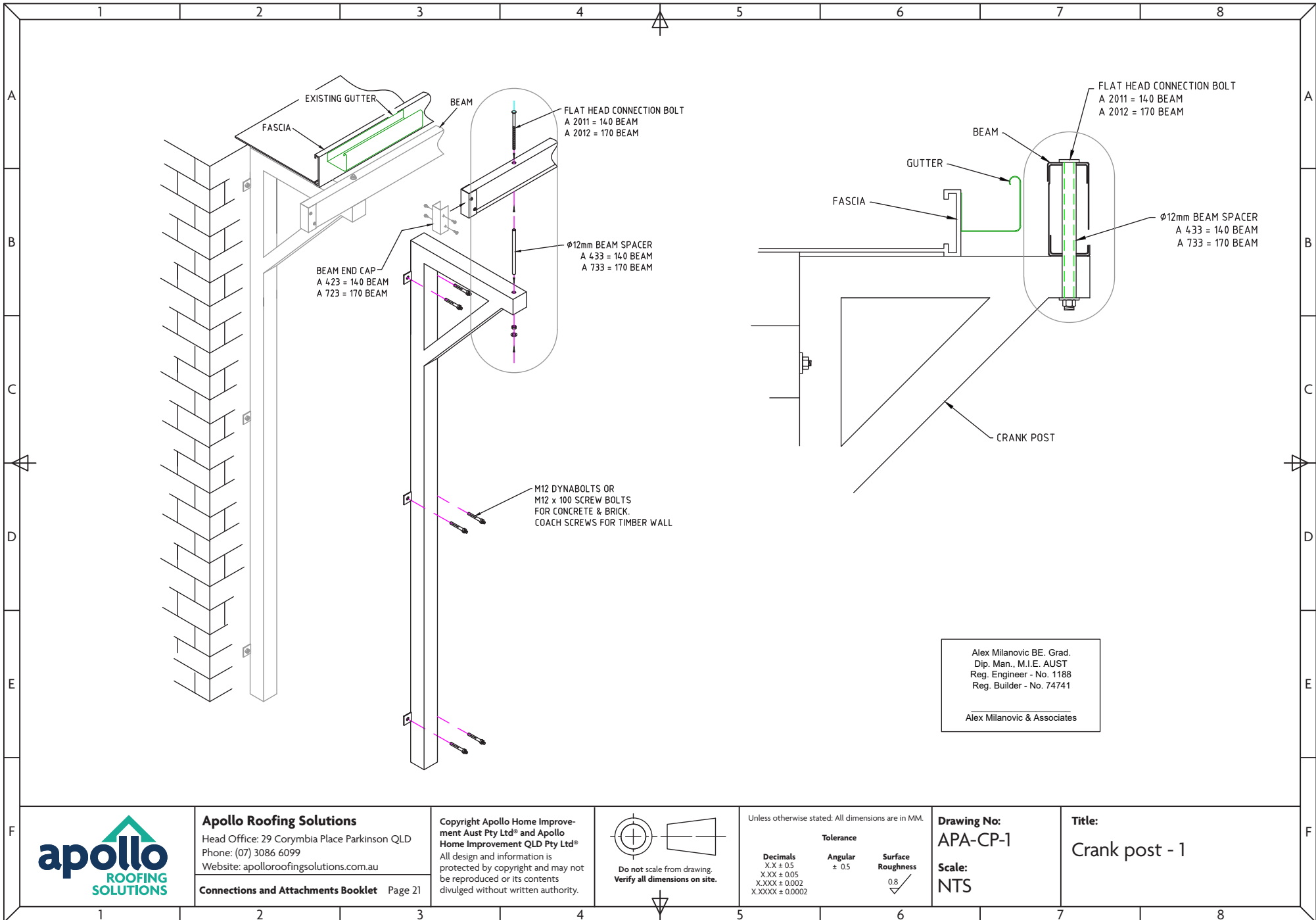
Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
APA-BOBB-3

**Scale:**  
NTS

**Title:**  
Build over bracket to beam

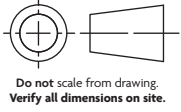


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 Alex Milanovic & Associates



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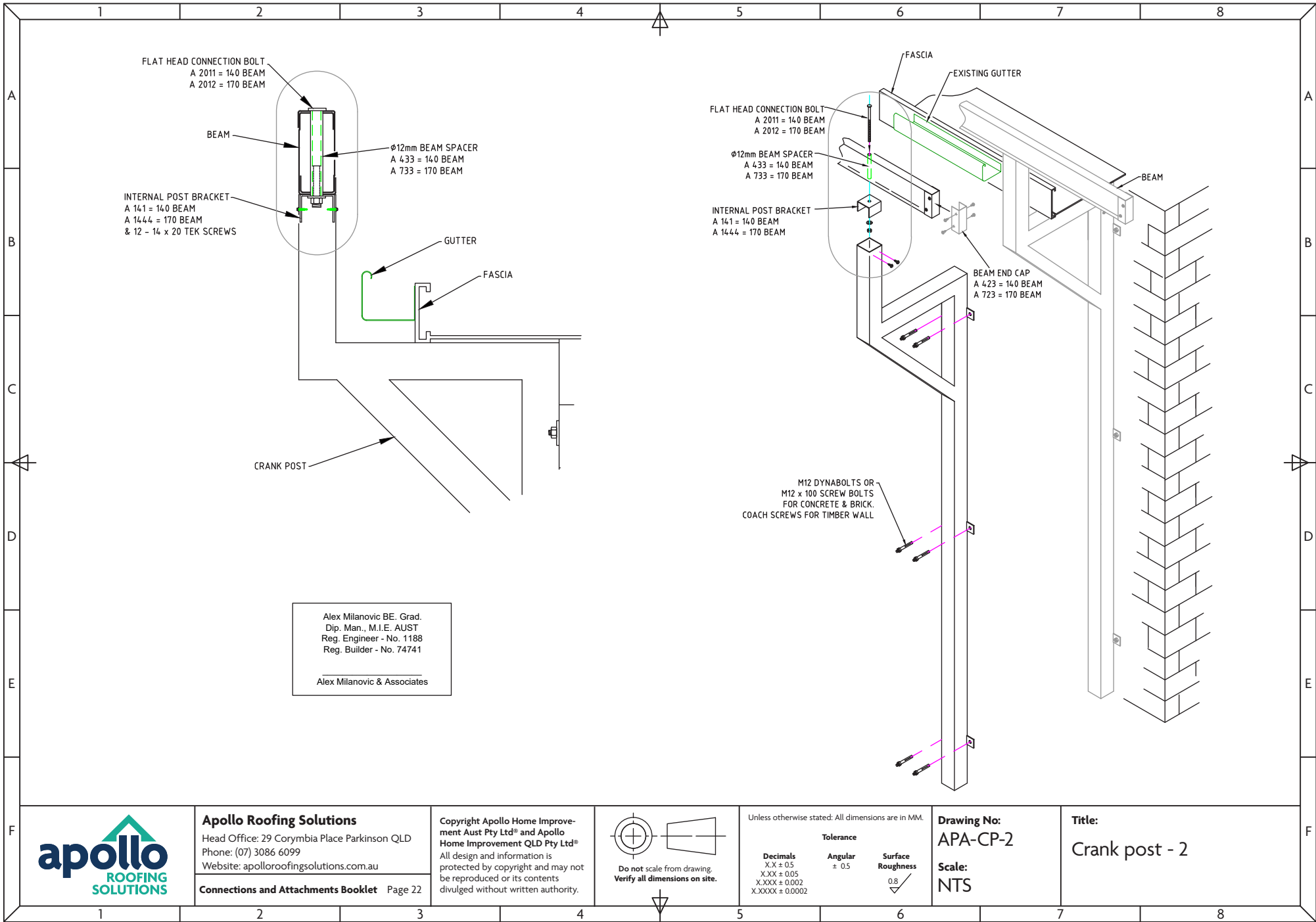
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Unless otherwise stated: All dimensions are in MM.  
**Tolerance**  
 Decimals X.X ± 0.5  
 X.XX ± 0.05  
 X.XXX ± 0.002  
 X.XXXX ± 0.0002  
 Angular ± 0.5  
 Surface Roughness 0.8

**Drawing No:**  
 APA-CP-1  
**Scale:**  
 NTS

**Title:**  
 Crank post - 1



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Dip. Man., M.I.E. AUST  
Reg. Engineer - No. 1188  
Reg. Builder - No. 74741

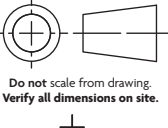
Alex Milanovic & Associates



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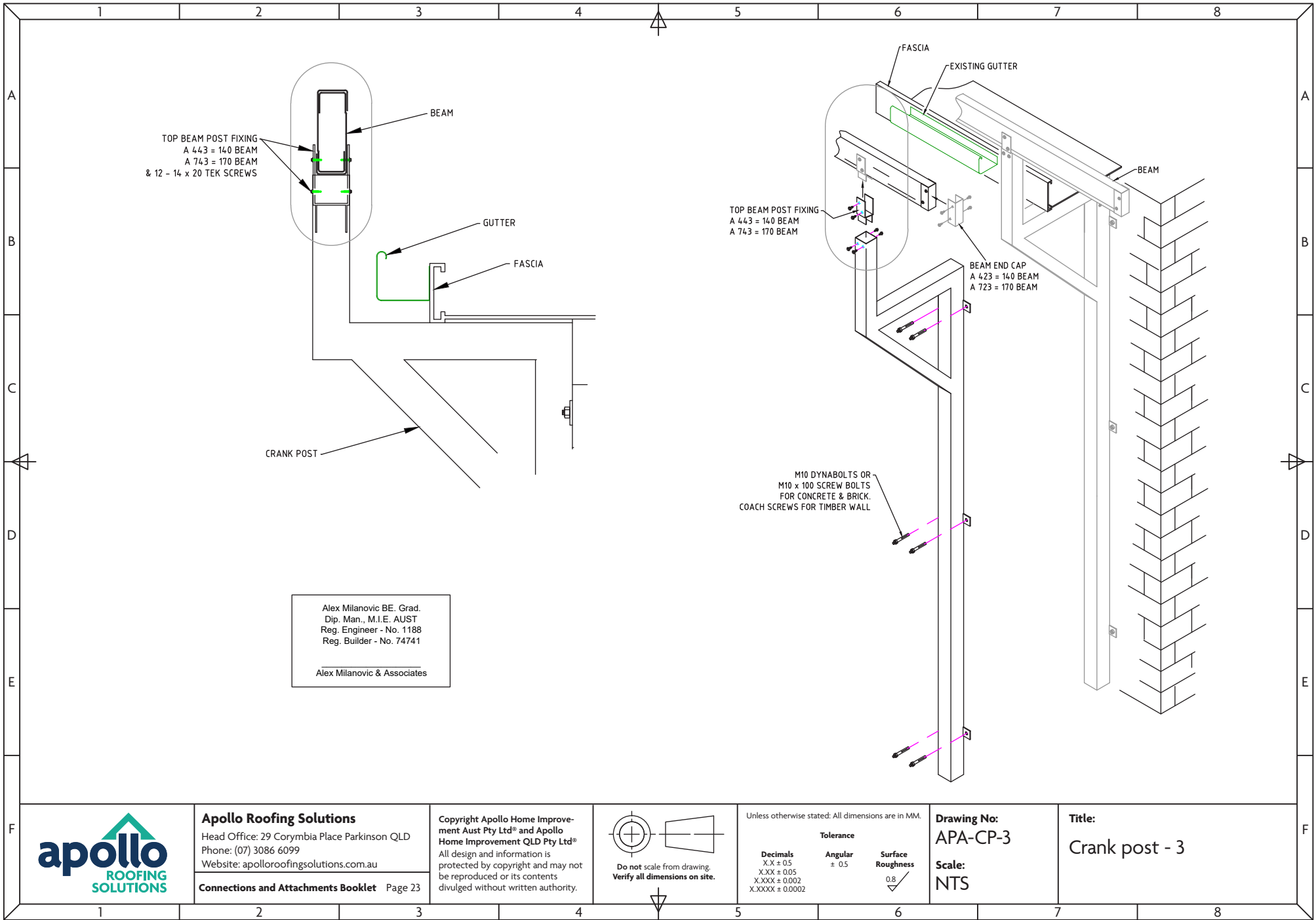
Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
APA-CP-2

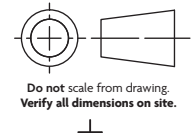
**Scale:**  
NTS

**Title:**  
Crank post - 2



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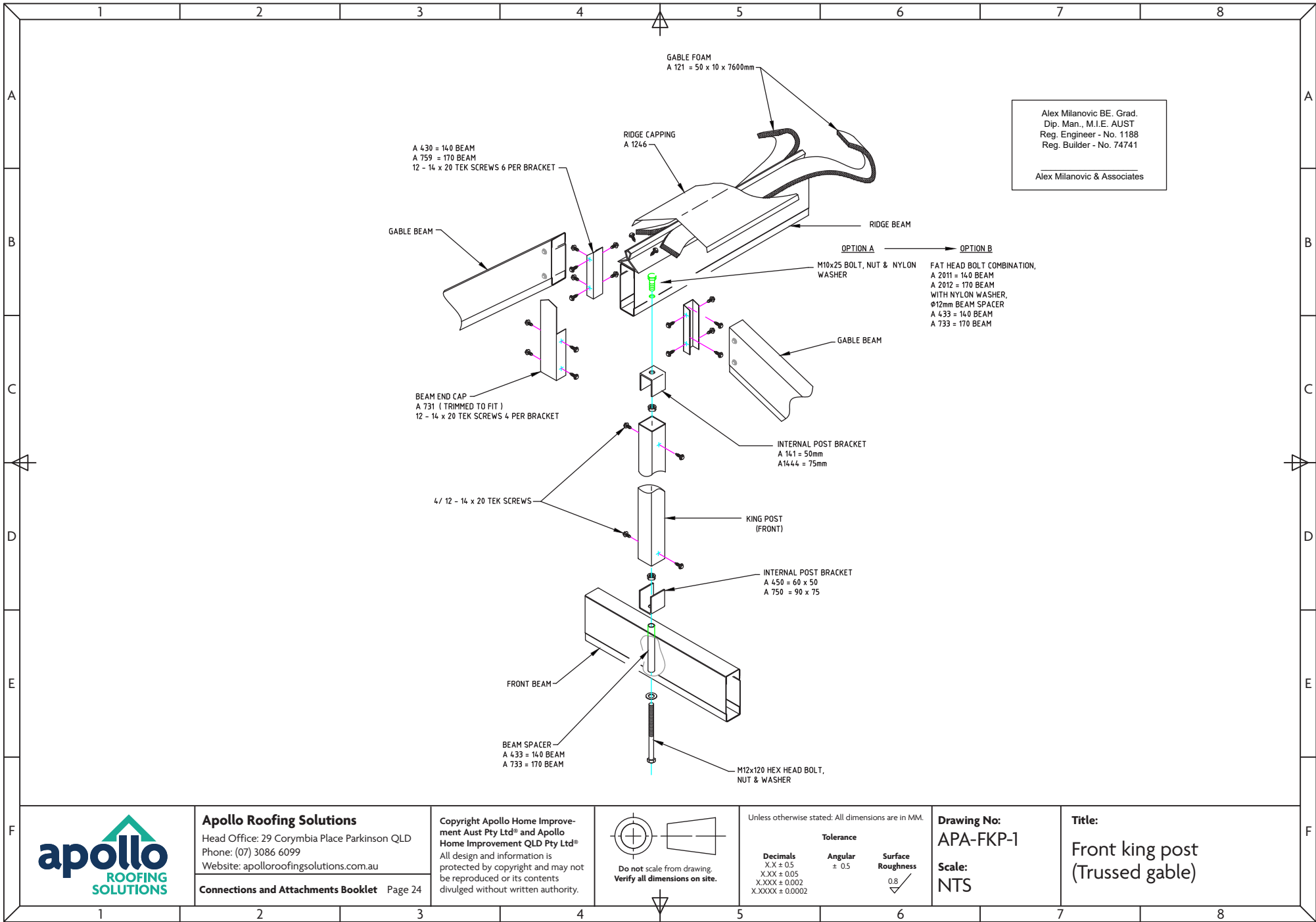


Unless otherwise stated: All dimensions are in MM.

<b>Decimals</b>	<b>Tolerance</b>	<b>Surface Roughness</b>
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
**APA-CP-3**  
**Scale:**  
**NTS**

**Title:**  
**Crank post - 3**



Alex Milanovic BE, Grad.  
Dip. Man., M.I.E. AUSTR  
Reg. Engineer - No. 1188  
Reg. Builder - No. 74741

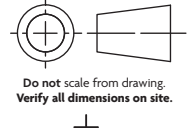
Alex Milanovic & Associates



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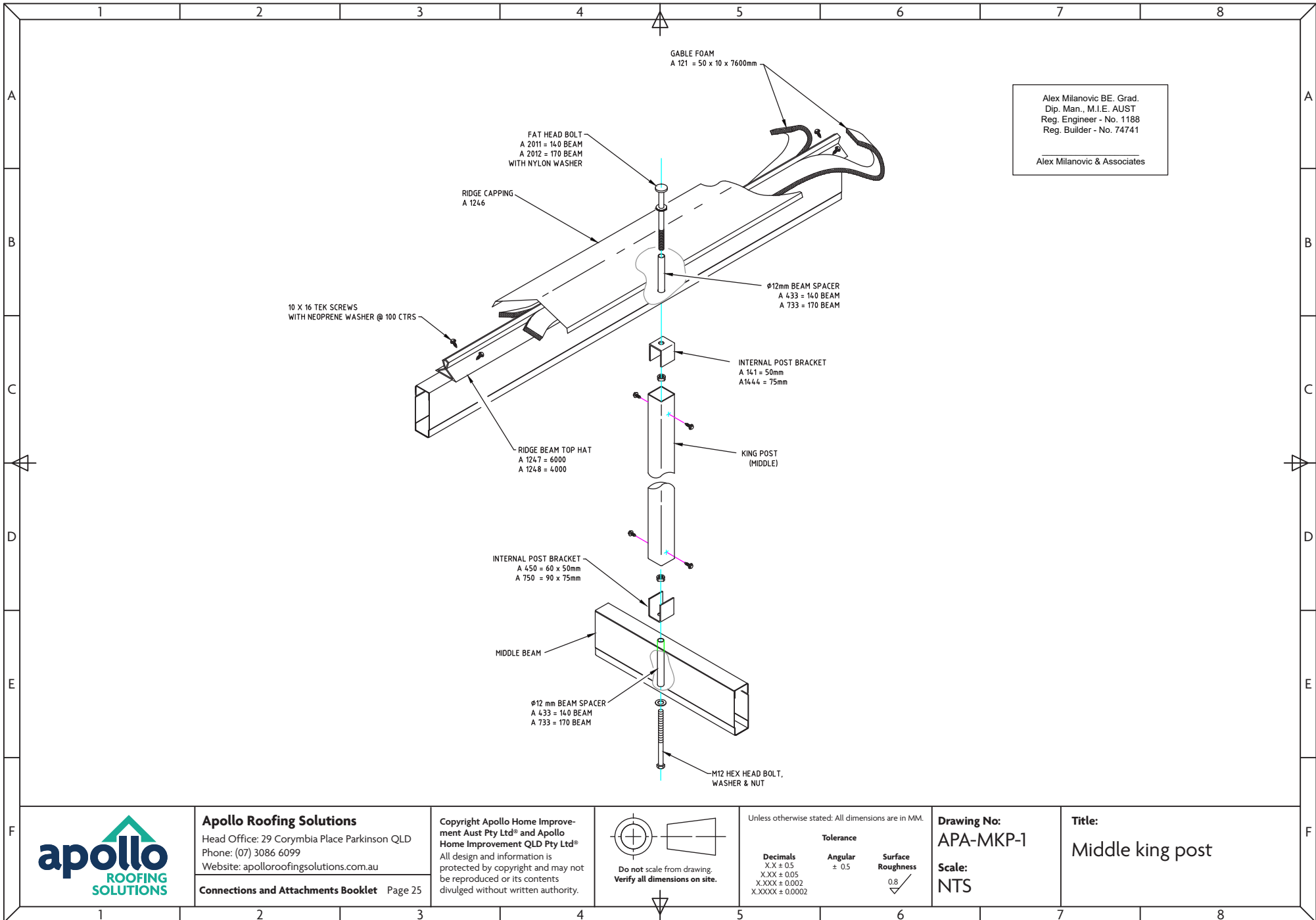
Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
APA-FKP-1

**Scale:**  
NTS

**Title:**  
Front king post  
(Trussed gable)

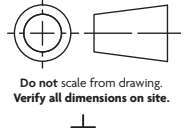


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Dip. Man., M.I.E. AUST  
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Reg. Builder - No. 74741  
  
Alex Milanovic & Associates



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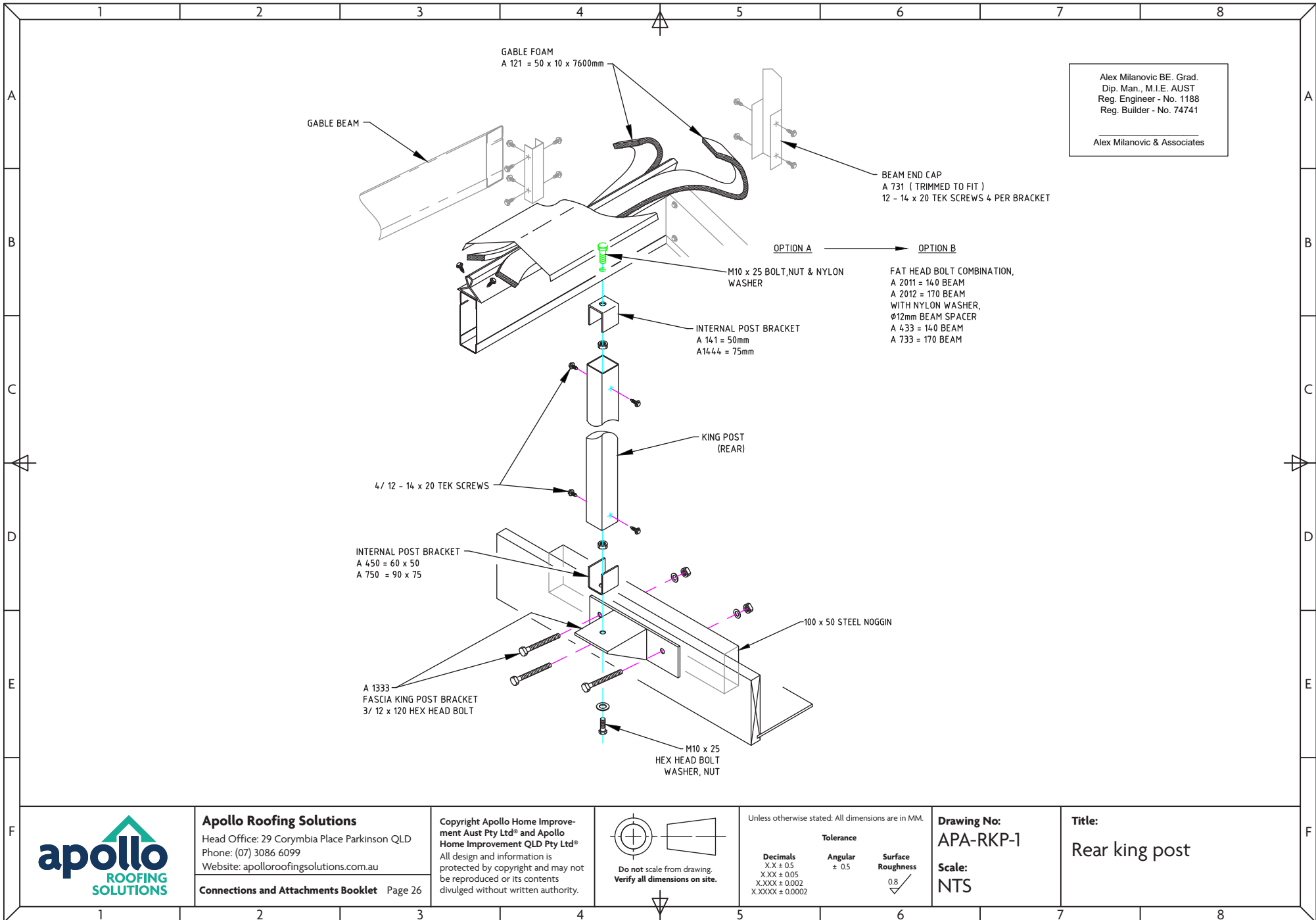


Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
APA-MKP-1  
  
**Scale:**  
NTS

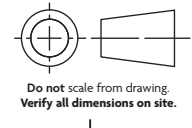
**Title:**  
Middle king post



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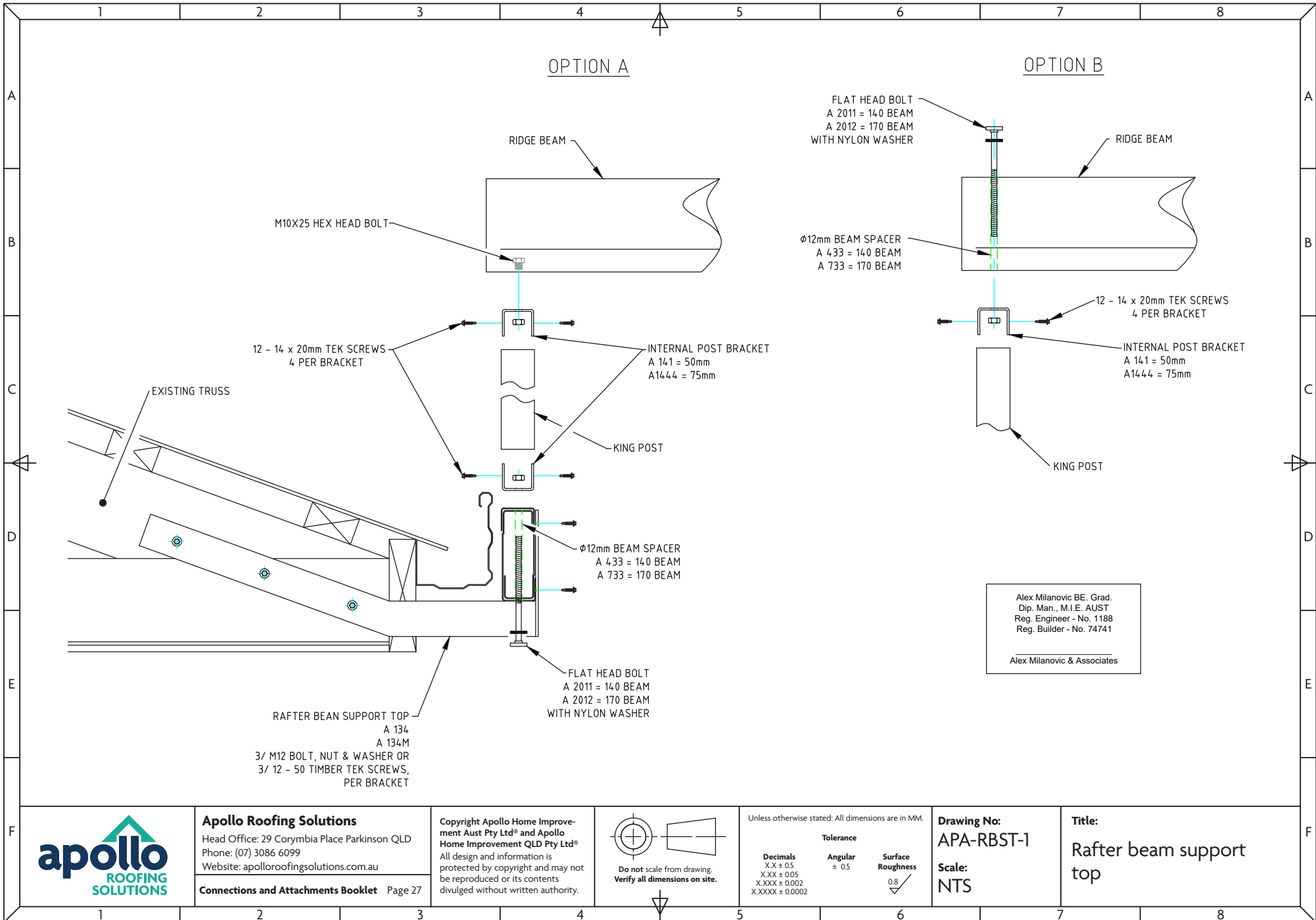
Unless otherwise stated: All dimensions are in MM.

<b>Decimals</b>	<b>Tolerance</b>	<b>Surface Roughness</b>
X.X ± 0.5	Angular ± 0.5	0.8 ✓
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
APA-RKP-1

**Scale:**  
NTS

**Title:**  
Rear king post



OPTION A

OPTION B

M10X25 HEX HEAD BOLT

RIDGE BEAM

12 - 14 x 20mm TEK SCREWS  
4 PER BRACKET

INTERNAL POST BRACKET  
A 141 = 50mm  
A1444 = 75mm

KING POST

Ø12mm BEAM SPACER  
A 433 = 140 BEAM  
A 733 = 170 BEAM

FLAT HEAD BOLT  
A 2011 = 140 BEAM  
A 2012 = 170 BEAM  
WITH NYLON WASHER

RAFTER BEAM SUPPORT TOP  
A 134  
A 134M  
3/ M12 BOLT, NUT & WASHER OR  
3/ 12 - 50 TIMBER TEK SCREWS,  
PER BRACKET

FLAT HEAD BOLT  
A 2011 = 140 BEAM  
A 2012 = 170 BEAM  
WITH NYLON WASHER

RIDGE BEAM

Ø12mm BEAM SPACER  
A 433 = 140 BEAM  
A 733 = 170 BEAM

12 - 14 x 20mm TEK SCREWS  
4 PER BRACKET

INTERNAL POST BRACKET  
A 141 = 50mm  
A1444 = 75mm

KING POST

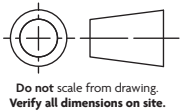
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Dip. Man., M.I.E. AUST  
Reg. Engineer - No. 1188  
Reg. Builder - No. 74741

Alex Milanovic & Associates



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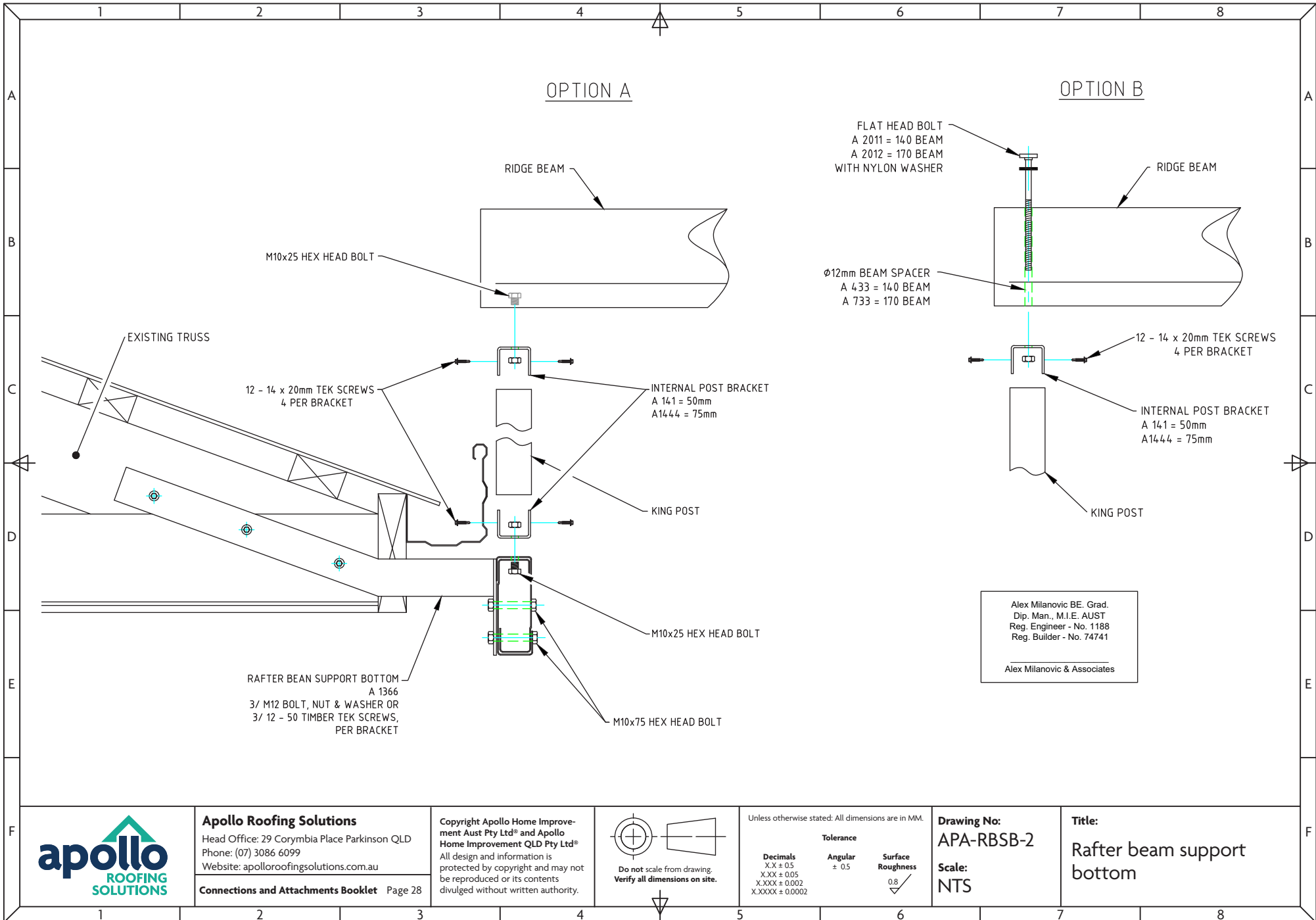


Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

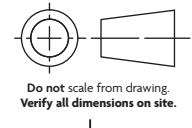
**Drawing No:**  
APA-RBST-1  
**Scale:**  
NTS

**Title:**  
Rafter beam support top



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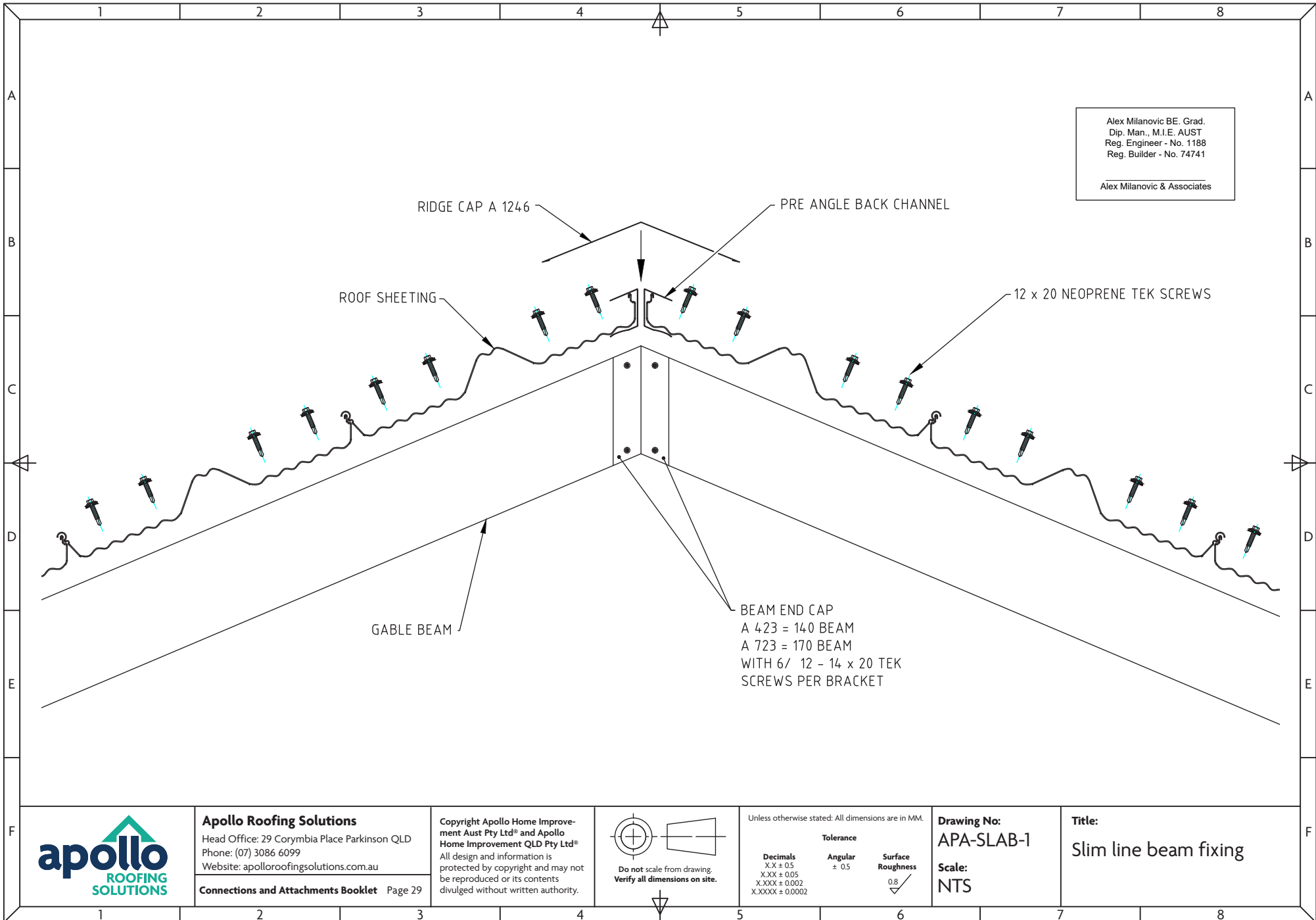


Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
**APA-RBSB-2**  
**Scale:**  
**NTS**

**Title:**  
**Rafter beam support bottom**





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 Reg. Engineer - No. 1188  
 Reg. Builder - No. 74741

Alex Milanovic & Associates

ROOF TRUSS

100 x 50 STEEL NOGGIN

FASCIA HANGING BRACKET  
 A 453 = 140 BEAM  
 A 753 = 170 BEAM

TIMBER FASCIA

PRE-ANGLED BEAM CAP  
 A 481 = 140 BEAM  
 A 782 = 170 BEAM

4 / 12 X 20 TEK SCREWS

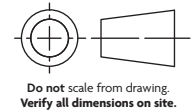
PROJECTION BEAM

UNILINK FLAT OUTDOOR ROOF SHEET 302 (QLD) &  
 333 (NSW) COVERAGE PER SHEET WITH  
 12 X 20 TEK SCREWS WITH NEOPRENE WASHER  
 3 PER SHEET



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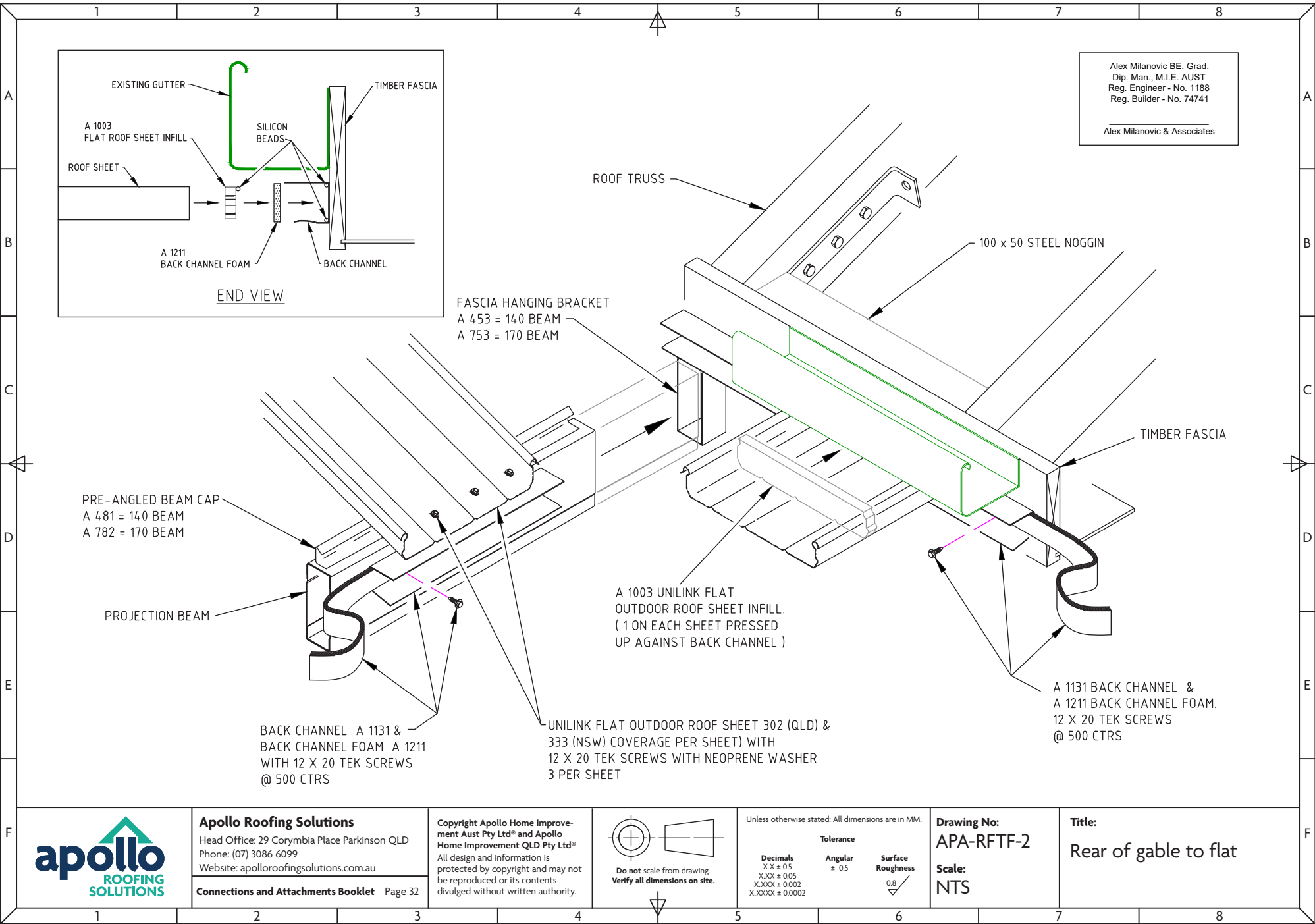


Unless otherwise stated: All dimensions are in MM.

Decimals	Tolerance	Surface Roughness
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

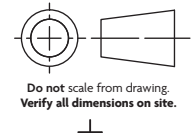
**Drawing No:**  
 APA-RG-1  
**Scale:**  
 NTS

**Title:**  
 Rear of gable



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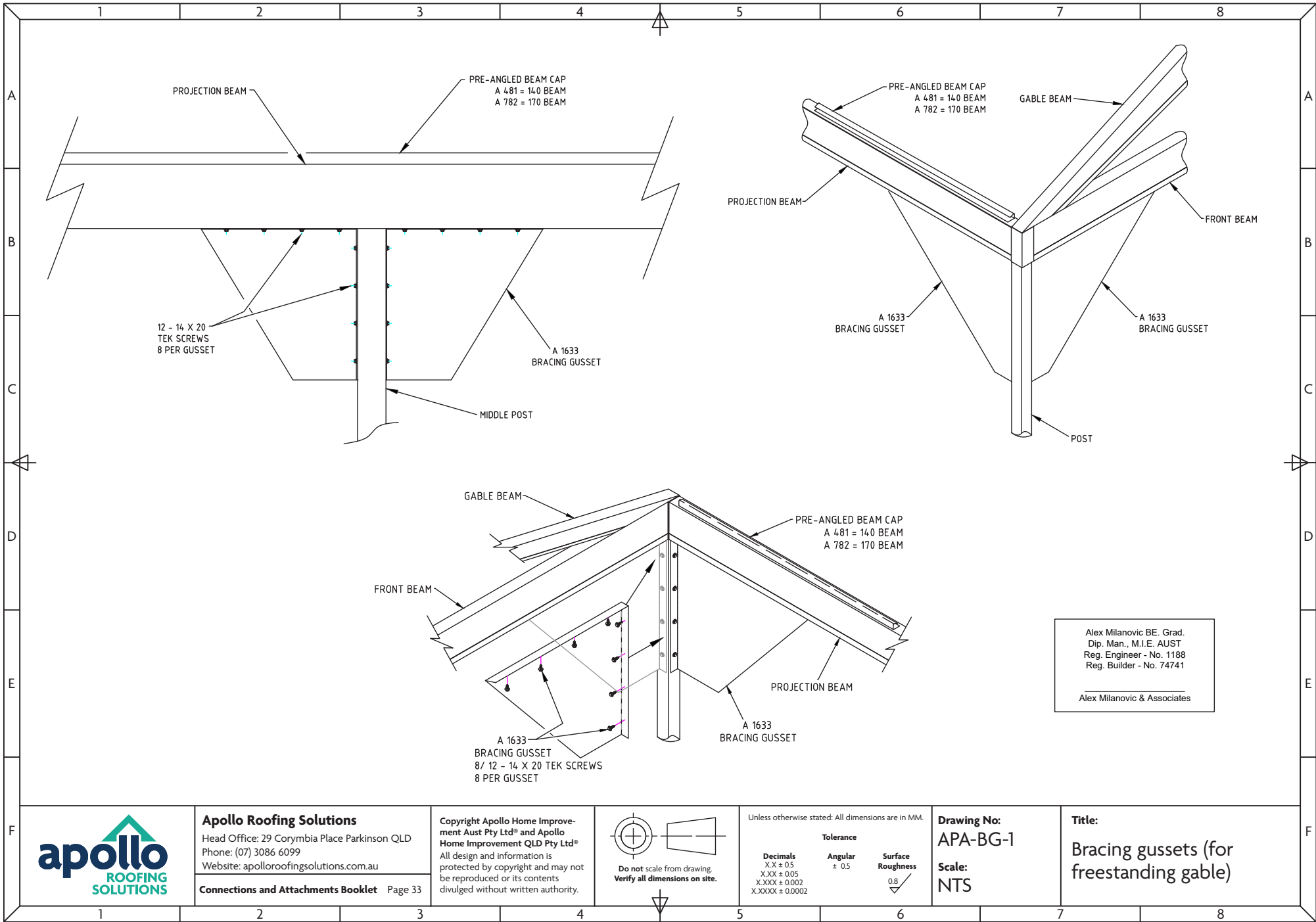


Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
**APA-RFTF-2**  
**Scale:**  
**NTS**

**Title:**  
**Rear of gable to flat**



Alex Milanovic BE. Grad.  
 Dip. Man., M.I.E. AUST  
 Reg. Engineer - No. 1188  
 Reg. Builder - No. 74741

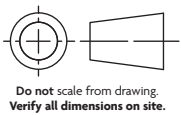
Alex Milanovic & Associates



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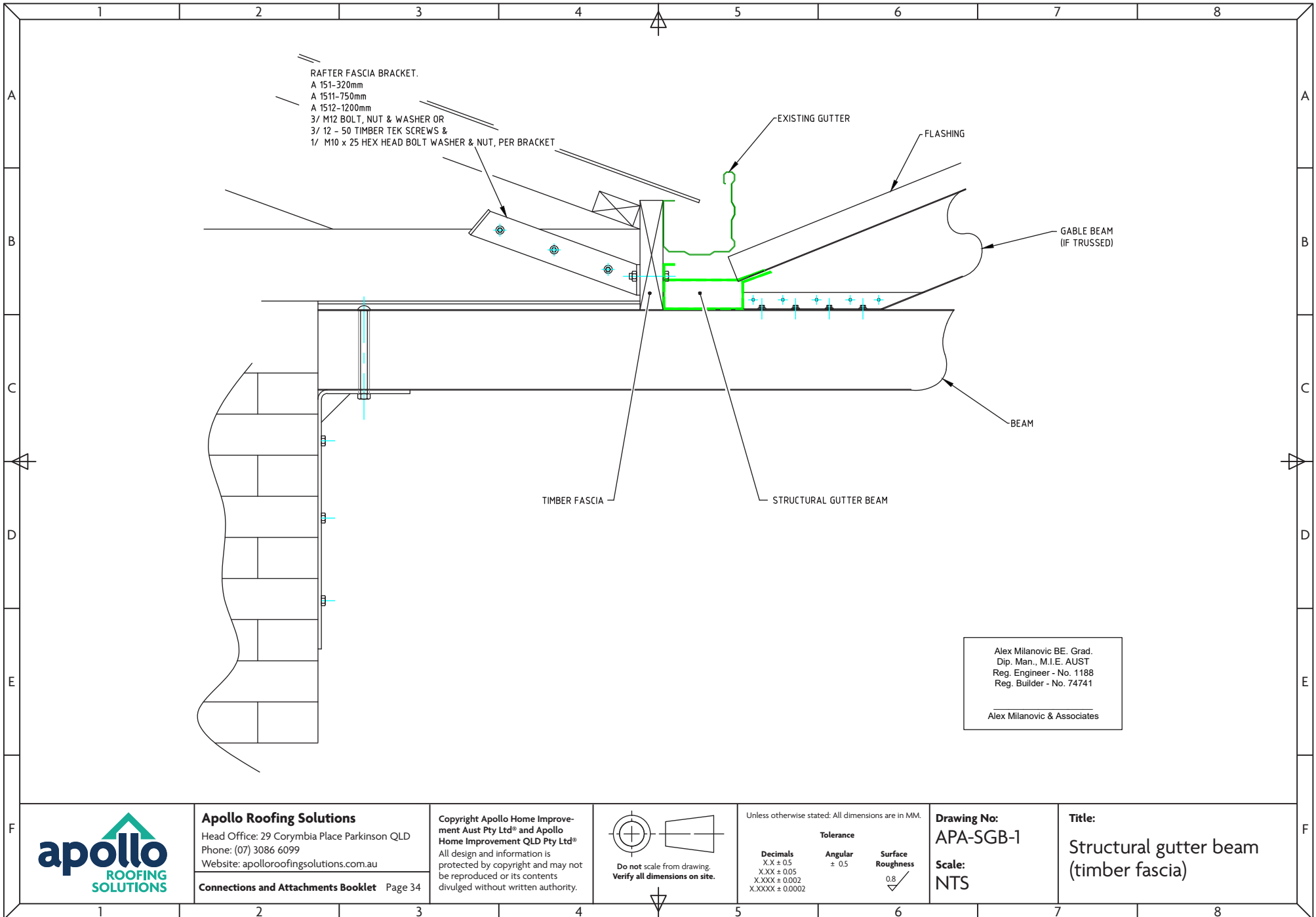
Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-BG-1

**Scale:**  
 NTS

**Title:**  
 Bracing gussets (for freestanding gable)



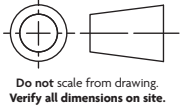
RAFTER FASCIA BRACKET.  
 A 151-320mm  
 A 1511-750mm  
 A 1512-1200mm  
 3/ M12 BOLT, NUT & WASHER OR  
 3/ 12 - 50 TIMBER TEK SCREWS &  
 1/ M10 x 25 HEX HEAD BOLT WASHER & NUT, PER BRACKET

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 Dip. Man., M.I.E. AUST  
 Reg. Engineer - No. 1188  
 Reg. Builder - No. 74741  
 Alex Milanovic & Associates



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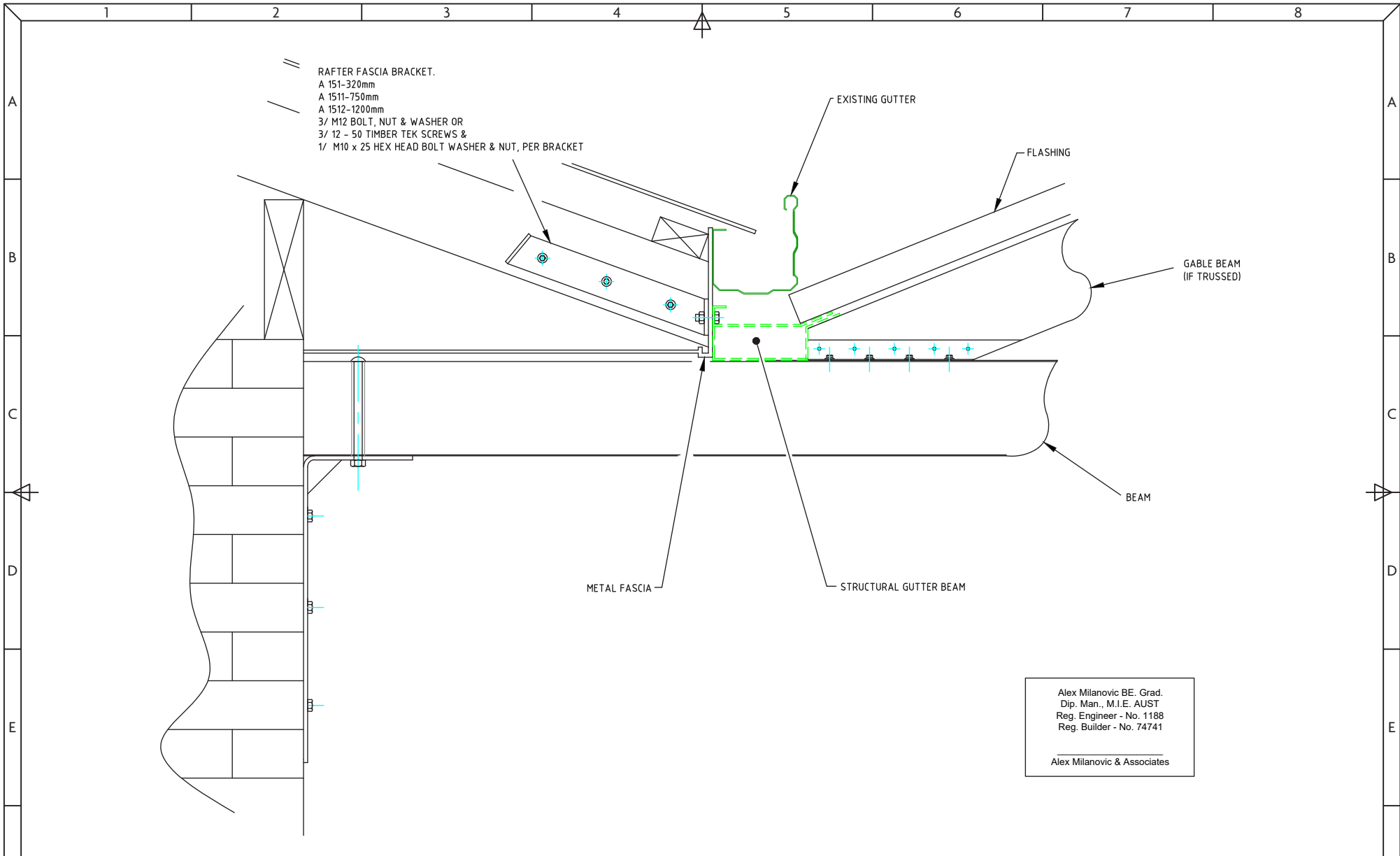


Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8 ✓
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-SGB-1  
**Scale:**  
 NTS

**Title:**  
 Structural gutter beam  
 (timber fascia)

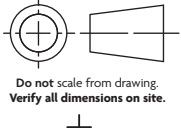


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 Reg. Builder - No. 74741  
 Alex Milanovic & Associates



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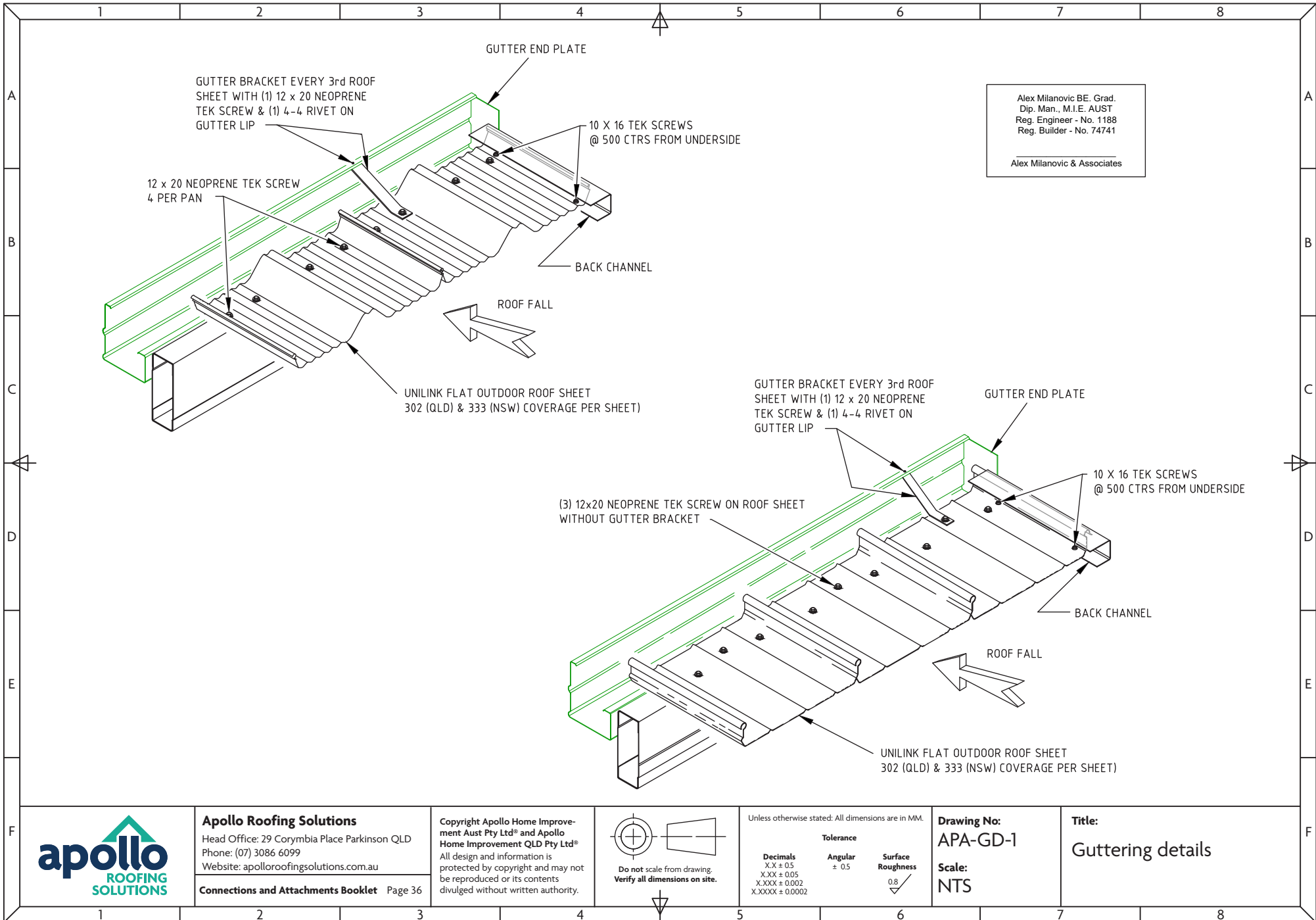
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**Tolerance**  
 Decimals  
 X.X ± 0.5  
 X.XX ± 0.05  
 X.XXX ± 0.002  
 X.XXXX ± 0.0002  
 Angular  
 ± 0.5  
 Surface Roughness  
 0.8 ✓

**Drawing No:**  
 APA-SGB-1  
**Scale:**  
 NTS

**Title:**  
 Structural gutter beam  
 (metal fascia)



Alex Milanovic BE, Grad.  
 Dip. Man., M.I.E. AUST  
 Reg. Engineer - No. 1188  
 Reg. Builder - No. 74741  
 Alex Milanovic & Associates

GUTTER BRACKET EVERY 3rd ROOF SHEET WITH (1) 12 x 20 NEOPRENE TEK SCREW & (1) 4-4 RIVET ON GUTTER LIP

12 x 20 NEOPRENE TEK SCREW 4 PER PAN

10 X 16 TEK SCREWS @ 500 CTRS FROM UNDERSIDE

UNILINK FLAT OUTDOOR ROOF SHEET 302 (QLD) & 333 (NSW) COVERAGE PER SHEET

GUTTER BRACKET EVERY 3rd ROOF SHEET WITH (1) 12 x 20 NEOPRENE TEK SCREW & (1) 4-4 RIVET ON GUTTER LIP

GUTTER END PLATE

(3) 12x20 NEOPRENE TEK SCREW ON ROOF SHEET WITHOUT GUTTER BRACKET

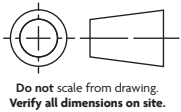
10 X 16 TEK SCREWS @ 500 CTRS FROM UNDERSIDE

UNILINK FLAT OUTDOOR ROOF SHEET 302 (QLD) & 333 (NSW) COVERAGE PER SHEET



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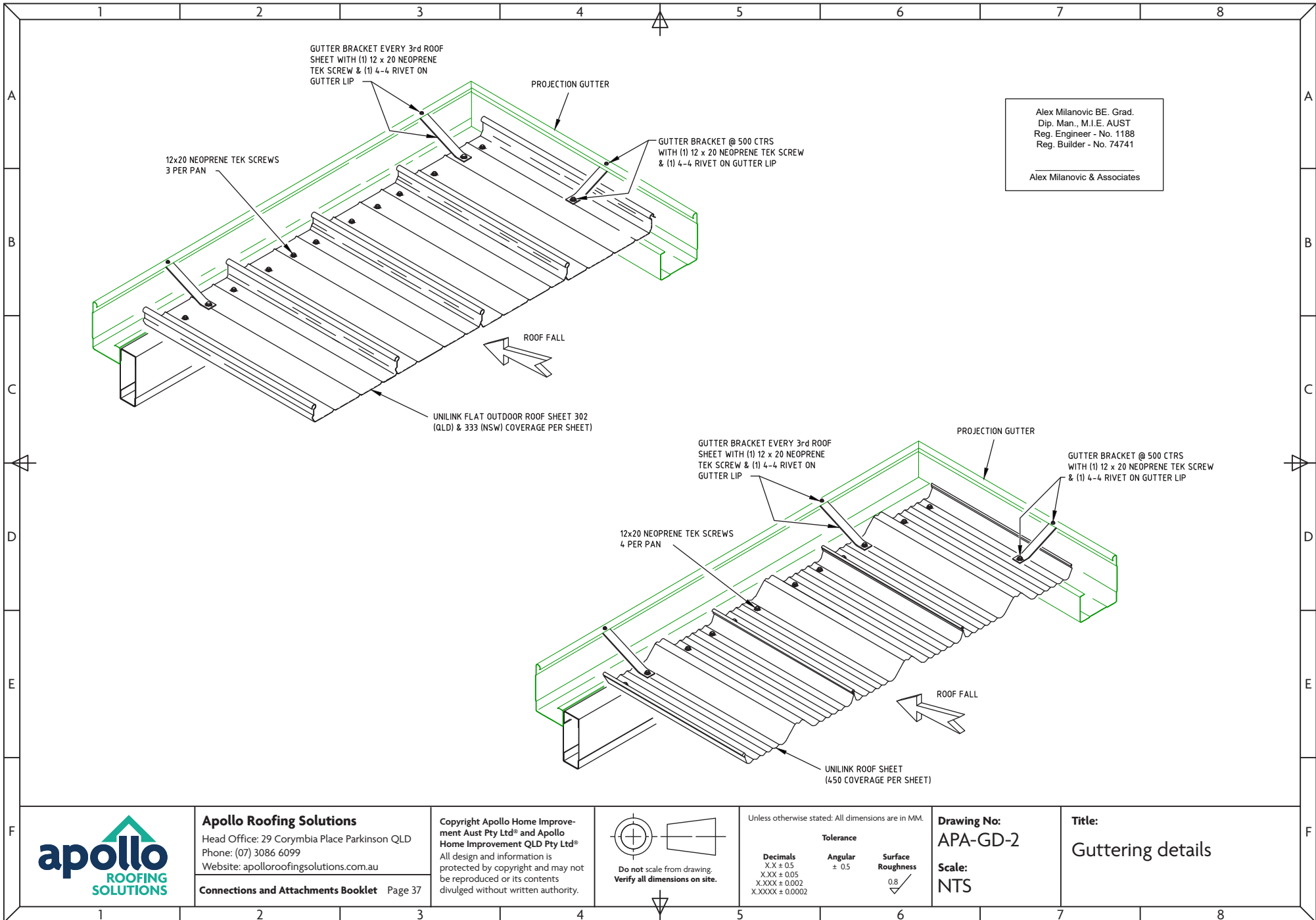


Unless otherwise stated: All dimensions are in MM.

<b>Decimals</b>	<b>Tolerance</b>	<b>Surface Roughness</b>
X.X ± 0.5	Angular ± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-GD-1  
**Scale:**  
 NTS

**Title:**  
 Guttering details

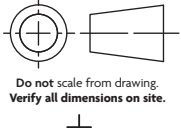


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 Reg. Builder - No. 74741  
 Alex Milanovic & Associates



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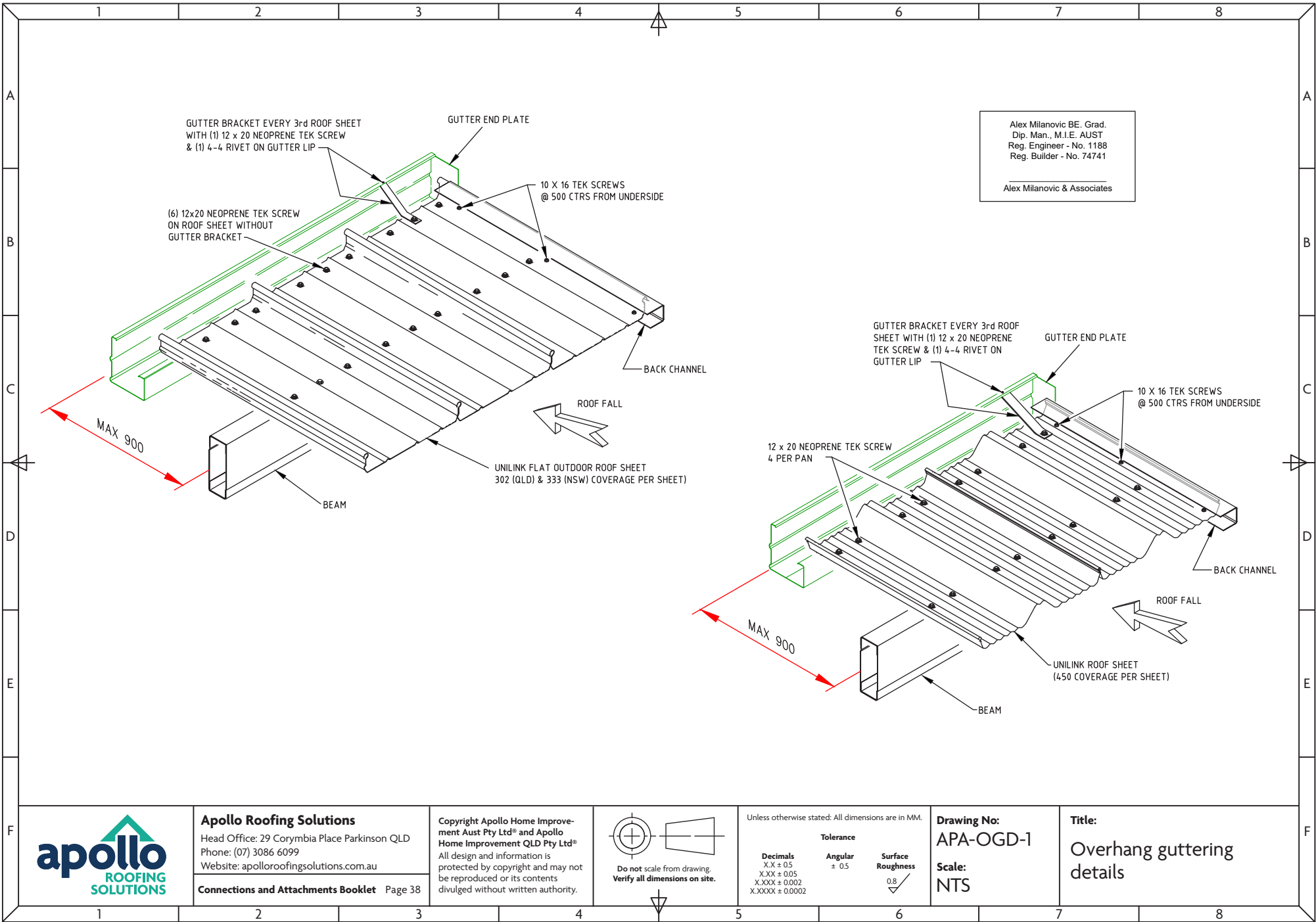


Unless otherwise stated: All dimensions are in MM.

Tolerance	Angular	Surface Roughness
Decimals X.X ± 0.5 X.XX ± 0.05 X.XXX ± 0.002 X.XXXX ± 0.0002	± 0.5	0.8

**Drawing No:**  
 APA-GD-2  
**Scale:**  
 NTS

**Title:**  
 Guttering details

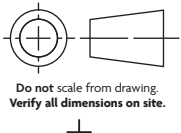


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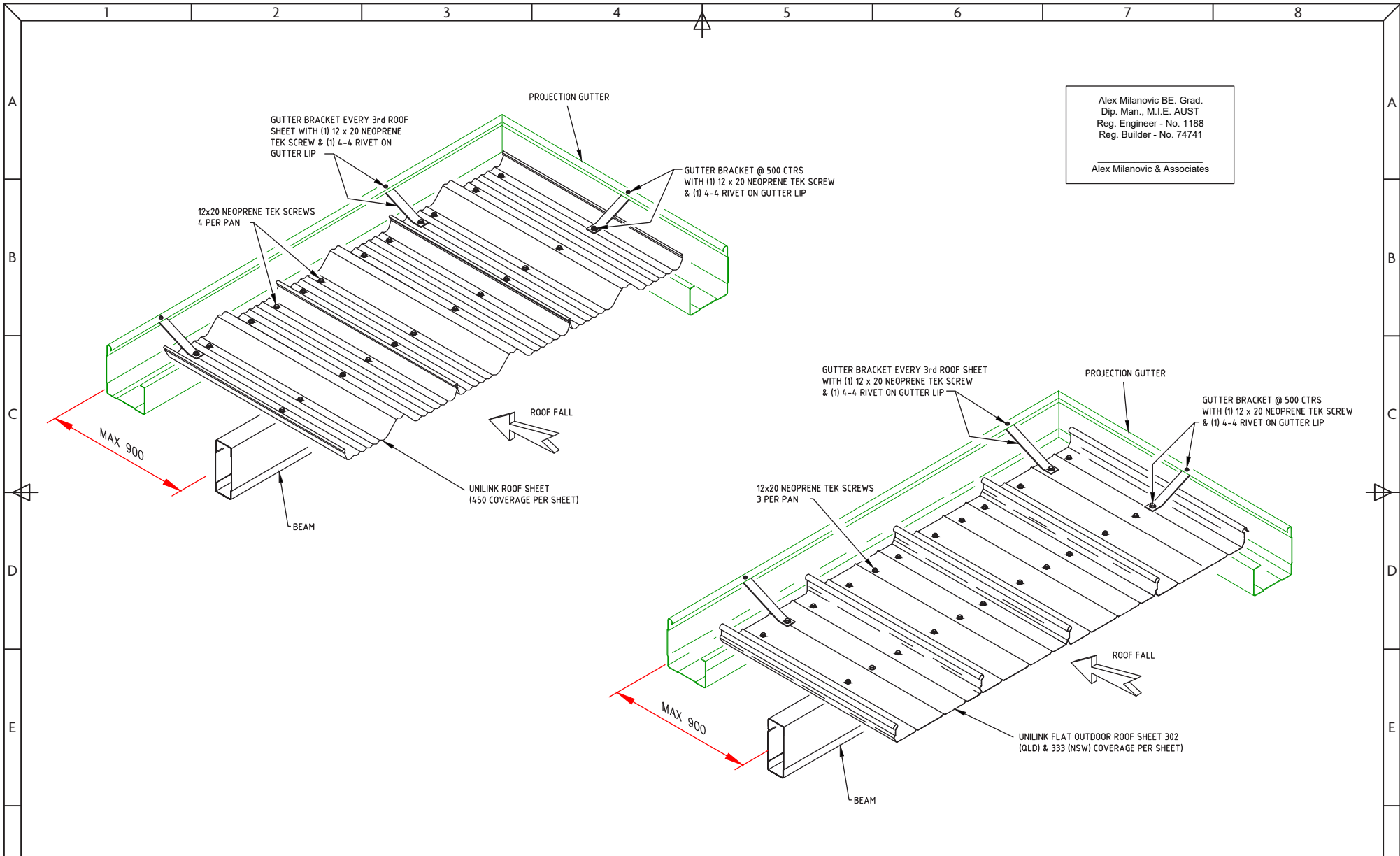


Unless otherwise stated: All dimensions are in MM.

Tolerance		
Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-OGD-1  
**Scale:**  
 NTS

**Title:**  
 Overhang guttering details



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---

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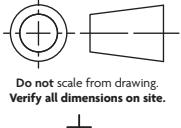


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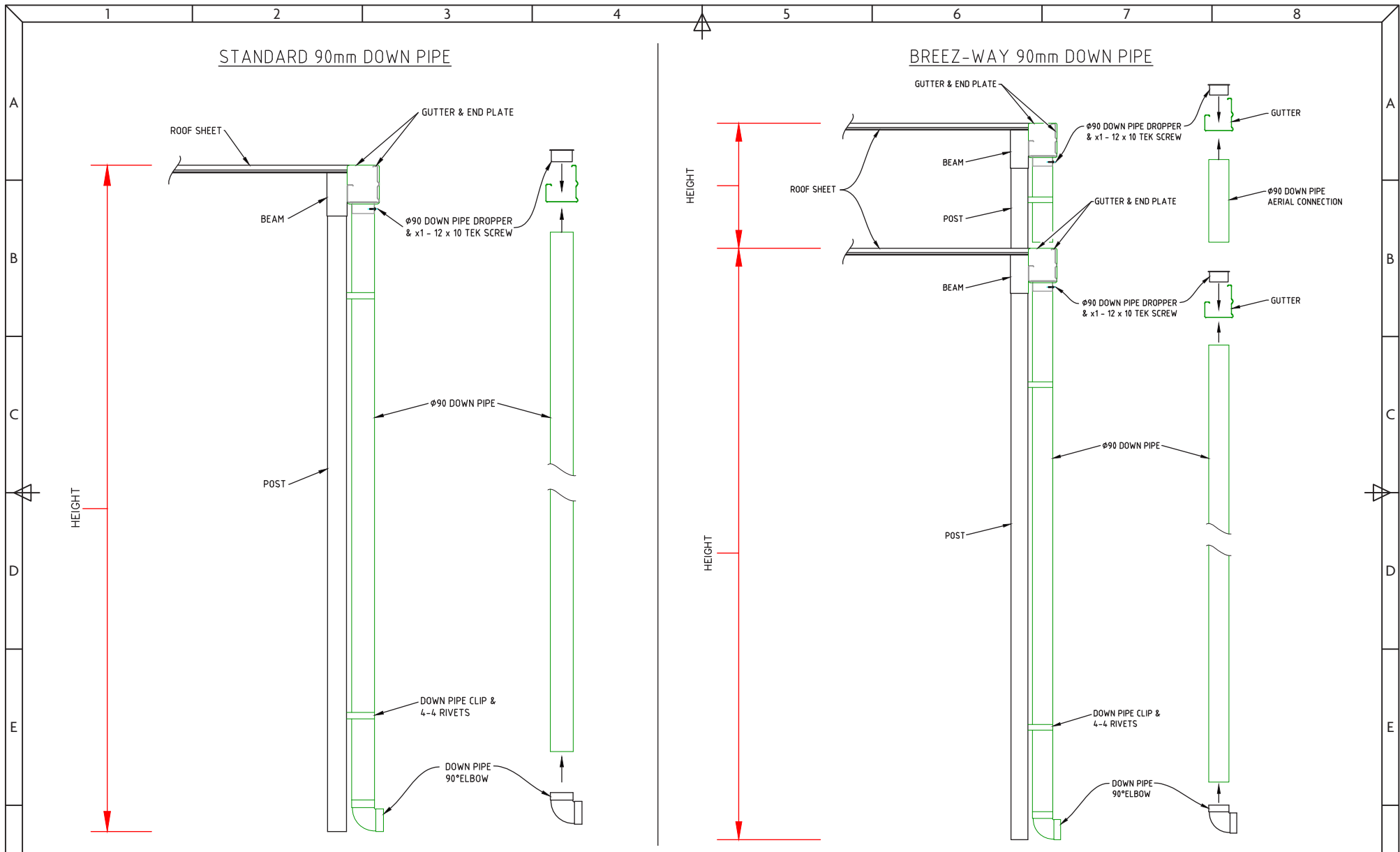
Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		
X.XXX ± 0.002		
X.XXXX ± 0.0002		

**Drawing No:**  
 APA-OGD-2

---

**Scale:**  
 NTS

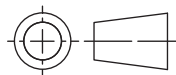
**Title:**  
 Overhang guttering details



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Do not scale from drawing.  
 Verify all dimensions on site.

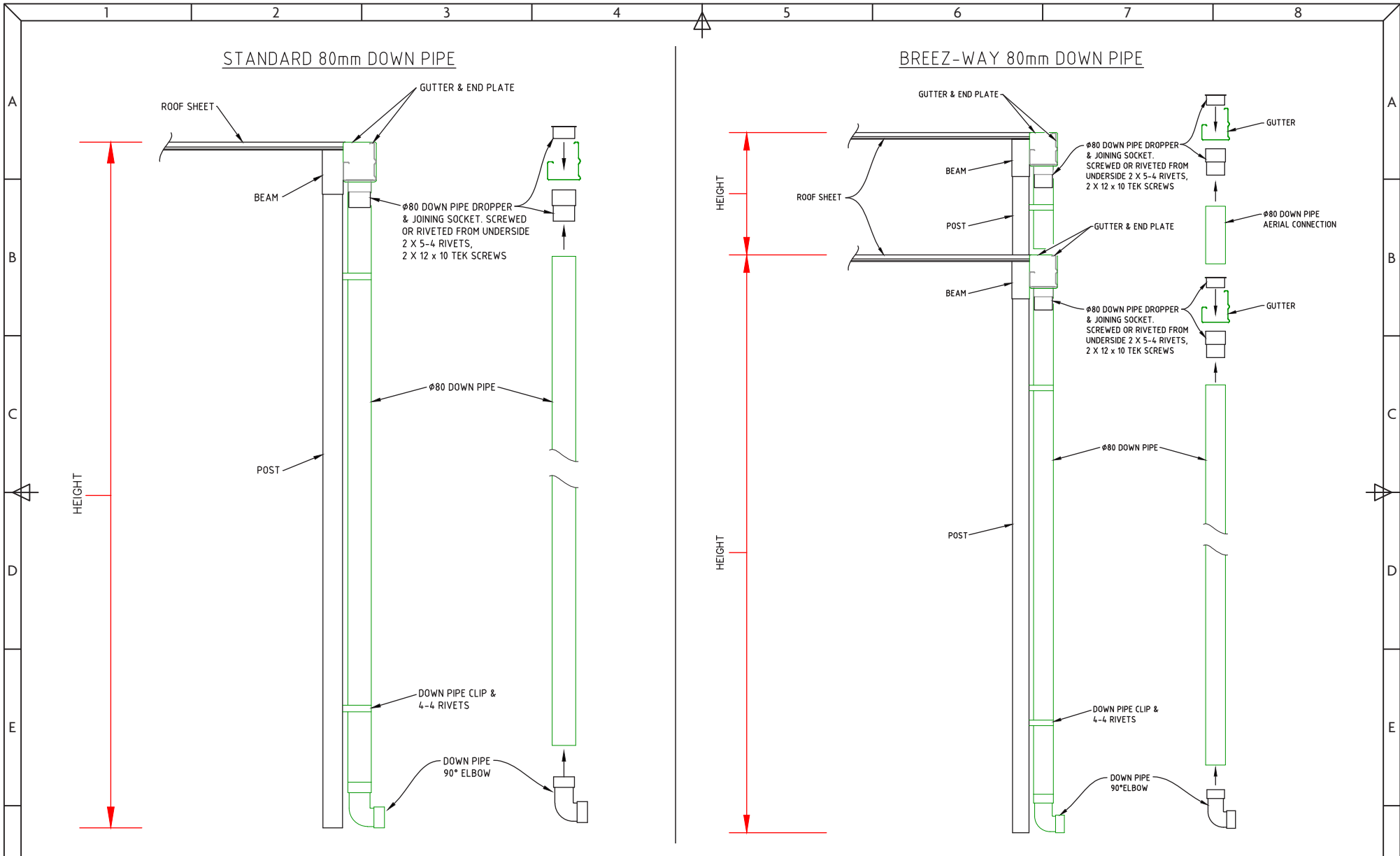
Unless otherwise stated: All dimensions are in MM.

Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		✓
X.XXX ± 0.002		
X.XXXX ± 0.0002		

Drawing No:  
**APA-DPA-1**

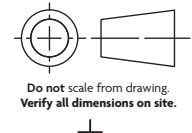
Scale:  
**NTS**

Title:  
**90mm down pipe assembly**



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Decimals	Angular	Surface Roughness
X.X ± 0.5	± 0.5	0.8
X.XX ± 0.05		0.4
X.XXX ± 0.002		0.2
X.XXXX ± 0.0002		0.1

**Drawing No:**  
 APA-DPA-2  
**Scale:**  
 NTS

**Title:**  
 80mm down pipe assembly

