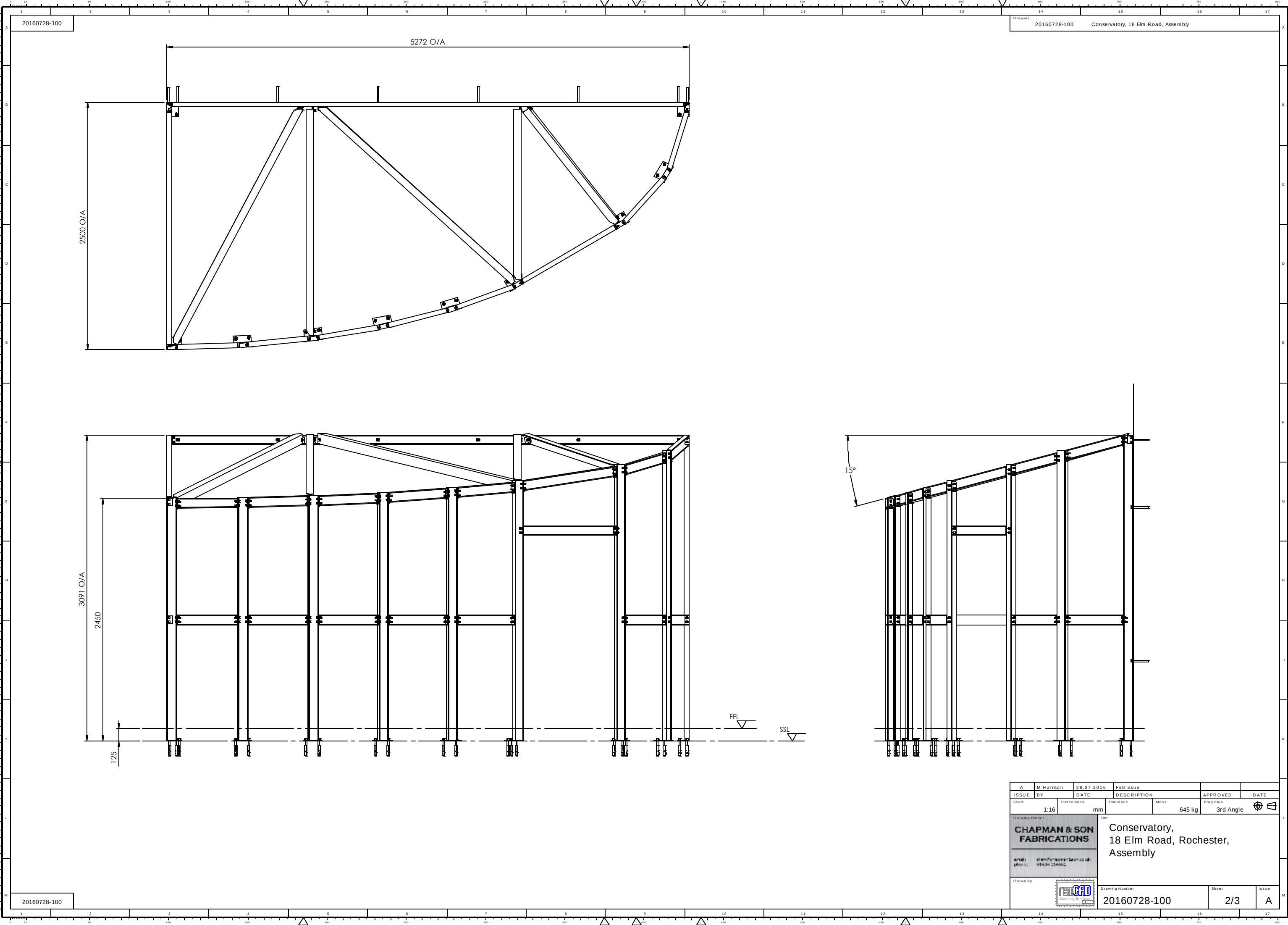
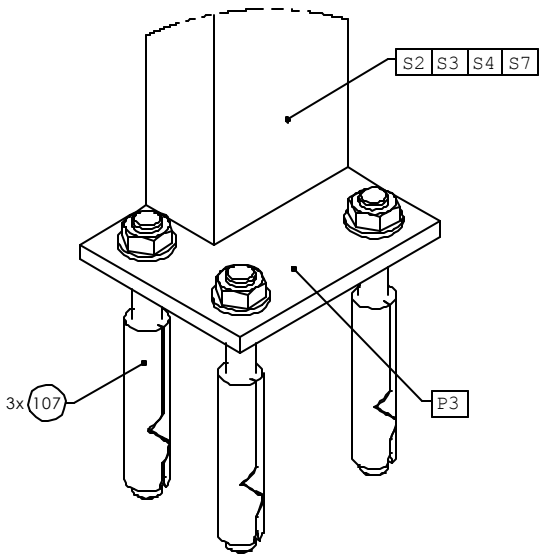




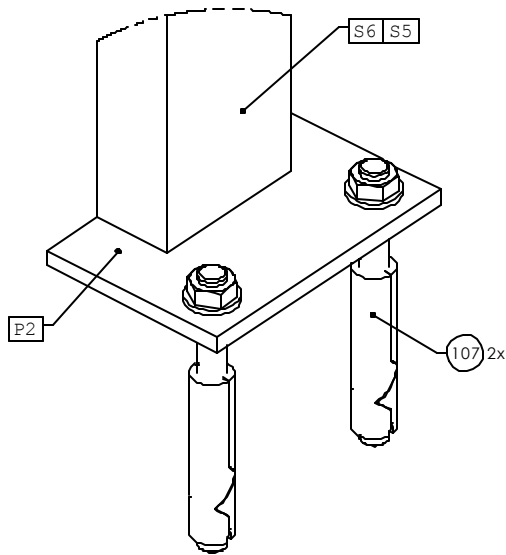
A		M Harrison	28.07.2016	First Issue		
ISSUE	BY	DATE		DESCRIPTION	APPROVED	DATE
Scale	1:16	Dimensions	mm	Tolerance	Mass	Projection
					645 kg	3rd Angle
Drawing Owner		Title				
CHAPMAN & SON FABRICATIONS		Conservatory, 18 Elm Road, Rochester, Assembly				
email: info@chaps-fab.co.uk phone: 01634 156400						
Drawn by		Drawing Number		Sheet	Issue	
		20160728-100		2/3	A	

20160728-100

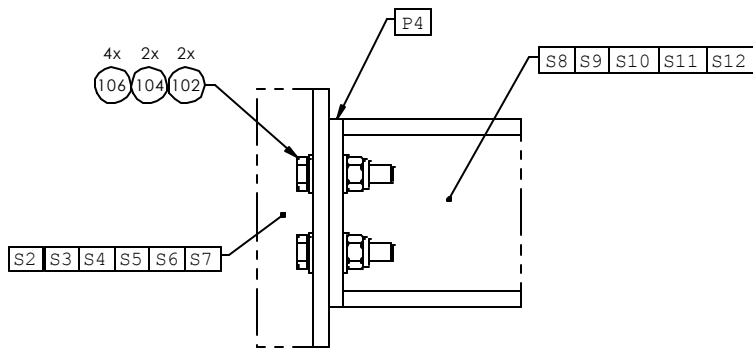
Drawing 20160728-100 Conservatory, 18 Elm Road, Assembly



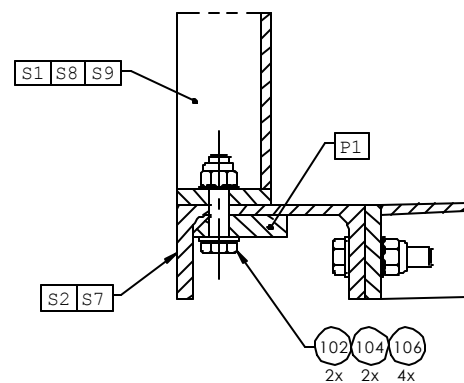
CONNECTION DETAIL T1
TYP 5 POSN



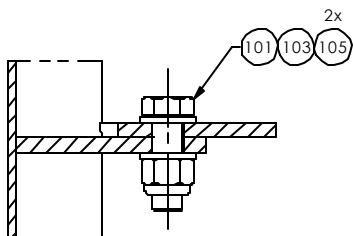
CONNECTION DETAIL T2
TYP 5 POSN



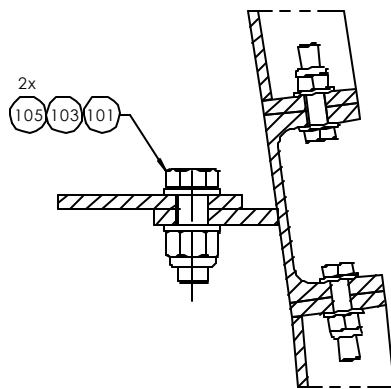
CONNECTION DETAIL T3
TYP 34 POSN



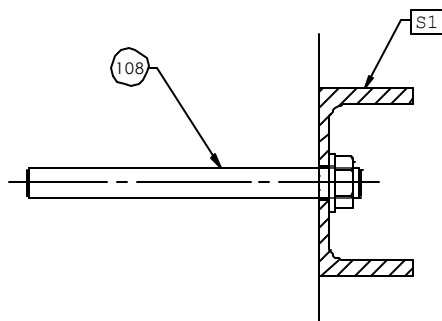
CONNECTION DETAIL T4
TYP 4 POSN
3 AS DRAWN
1 OPPOSITE HAND



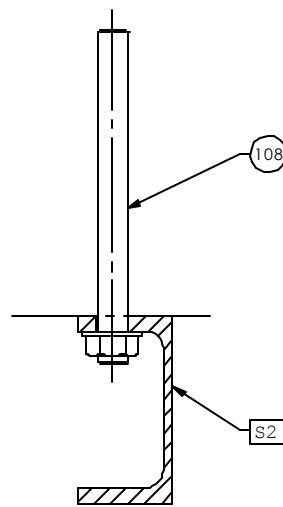
CONNECTION DETAIL T5
TYP 5 POSN



CONNECTION DETAIL T6
TYP 5 POSN



CONNECTION DETAIL T7
TYP 6 POSN



CONNECTION DETAIL T8
TYP 4 POSN

A	M Harrison	28.07.2016	First Issue	APPROVED	DATE
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Scale	Dimensions	Tolerance	Mass	Projection	
1:2	mm			3rd Angle	
Drawing Owner			Title		
CHAPMAN & SON FABRICATIONS			Conservatory, 18 Elm Road, Rochester, Assembly		
Drawn by			Drawing Number		
20160728-100			3/3		
A			A		

MATERIAL

TOTAL LENGTH (m)

PFC, 100x50x10

47.54

Unequal Angle, 100x75x8

11.06

Plate, 12x50

0.32

Plate, 10x120

1.65

Plate, 8x50

3.97

Plate, 8x60

0.83

NOTES

1. Lengths listed are total used lengths; no allowance is made for cutting or waste material.

A

M Harrison

29.07.2016

First issue

ISSUE

BY

DATE

DESCRIPTION

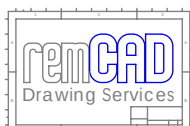
APPROVED

DATE

Drawing Owner

**CHAPMAN & SON
FABRICATIONS**email: matt@chapman&son.co.uk
phone: 01634 256482

Drawn by



Title

**Conservatory,
18 Elm Road, Rochester,
Assembly,
Material List**

Drawing Number

20160728-100-ML

Sheet

1/1

Issue

A

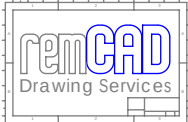
A4

0 10 50 100 150 170

1 2 3 4

ITEM	PART No.	DESCRIPTION	LENGTH	QTY
1	20160728-B1	PFC, 100x50x10	5156	1
2	20160728-B2.1	PFC, 100x50x10	3081	1
3	20160728-B2.2	PFC, 100x50x10	3081	1
4	20160728-B3.1	PFC, 100x50x10	2781	1
5	20160728-B3.2	PFC, 100x50x10	2619	1
6	20160728-B4.1	PFC, 100x50x10	2927	1
7	20160728-B4.2	PFC, 100x50x10	2549	1
8	20160728-B4.3	PFC, 100x50x10	2501	1
9	20160728-B4.4	PFC, 100x50x10	2467	1
10	20160728-B4.5	PFC, 100x50x10	2446	1
11	20160728-B5	PFC, 100x50x10	2453	1
12	20160728-B6	PFC, 100x50x10	2443	1
13	-	PFC, 100x50x10	2334	1
14	20160728-B7.1	PFC, 100x50x10	647	1
15	20160728-B7.2	PFC, 100x50x10	633	1
16	20160728-B7.3	PFC, 100x50x10	1098	1
17	20160728-B7.4	PFC, 100x50x10	613	1
18	20160728-B7.5	PFC, 100x50x10	609	1
19	20160728-B7.6	PFC, 100x50x10	607	1
20	20160728-B7.7	PFC, 100x50x10	604	1

A	M Harrison	29.07.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE

Drawing Owner CHAPMAN & SON FABRICATIONS		Title Conservatory, 18 Elm Road, Rochester, Assembly, Cutting List			
email: matt@chapman&son.co.uk phone: 01634 256482					
Drawn by 		Drawing Number 20160728-100-CL		Sheet 1/2	Issue A

1 2 3 4

0 10 50 100 150 170

29.07.2016

20160728-100

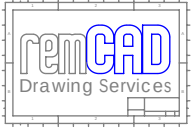
remcaddrsgservices@gmail.com

www.remCAD.com

A4

0 10 50 100 150 170

ITEM	PART No.	DESCRIPTION	LENGTH	QTY
21	20160728-B7.8	PFC, 100x50x10	602	1
22	-	PFC, 100x50x10	1075	1
23	20160728-B8.1	PFC, 100x50x10	602	1
24	20160728-B8.2	PFC, 100x50x10	602	1
25	20160728-B8.3	PFC, 100x50x10	602	1
26	20160728-B8.4	PFC, 100x50x10	601	1
27	20160728-B8.5	PFC, 100x50x10	602	1
28	20160728-B8.6	PFC, 100x50x10	602	2
29	20160728-B9.1	Unequal Angle, 100x75x8	2681	1
30	20160728-B9.2	Unequal Angle, 100x75x8	2763	1
31	20160728-B10.1	Unequal Angle, 100x75x8	2356	1
32	20160728-B10.2	Unequal Angle, 100x75x8	1489	1
33	20160728-B10.3	Unequal Angle, 100x75x8	1775	1
34	20160728-P1	Plate, 12x50	80	4
35	20160728-P2	Plate, 10x120	180	5
36	20160728-P3	Plate, 10x120	150	5
37	20160728-P4.1	Plate, 8x50	110	16
38	20160728-P4.2	Plate, 8x50	105	2
39	20160728-P4.3	Plate, 8x50	100	20
40	20160728-P5	Plate, 8x60	100	5
41	20160728-P6	Plate, 8x60	65	5

A	M Harrison	29.07.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Drawing Owner CHAPMAN & SON FABRICATIONS email: matt@chapmanandson.co.uk phone: 01634 256482			Title Conservatory, 18 Elm Road, Rochester, Assembly, Cutting List		
Drawn by 			Drawing Number 20160728-100-CL	Sheet 2/2	Issue A

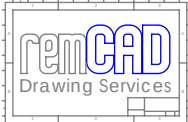
1 2 3 4

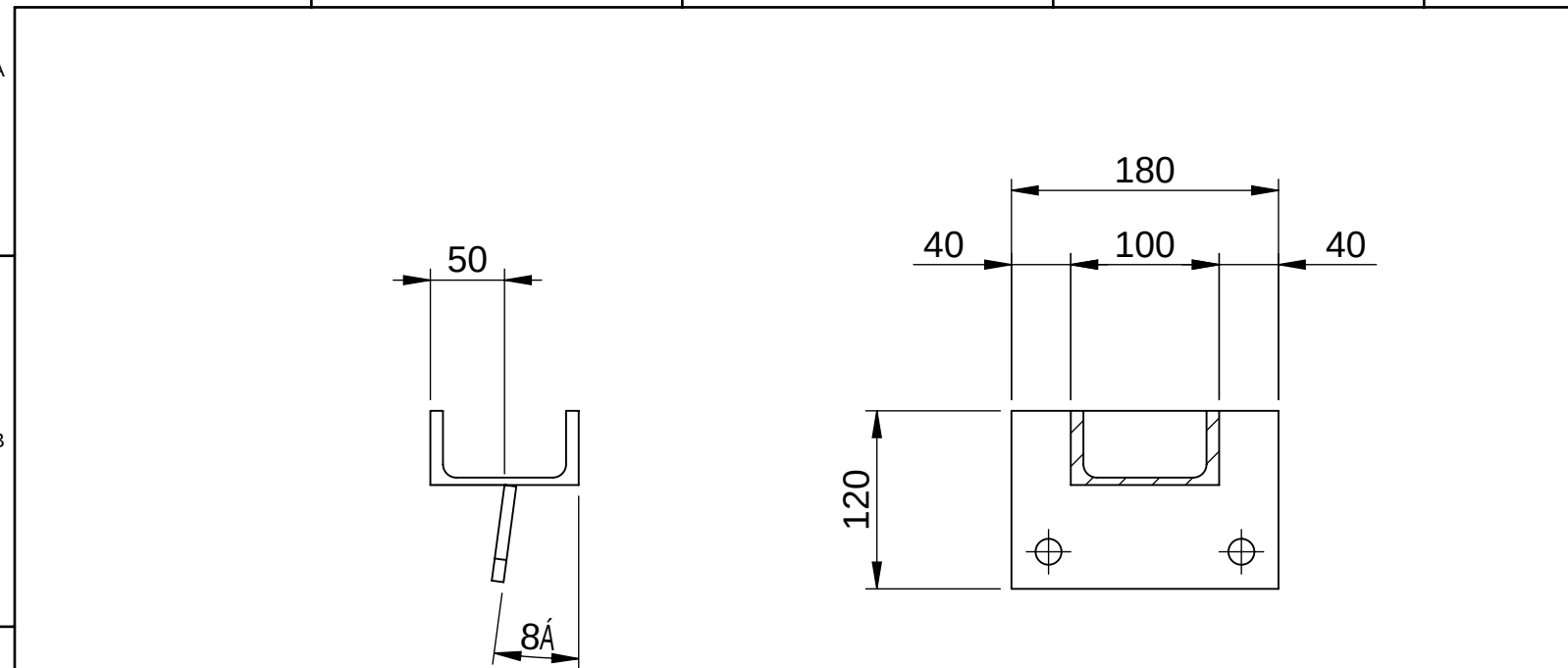
0 10 50 100 150 170

ITEM	PART No.	DESCRIPTION	QTY
101	BS EN 24014	Hex Head Screw, M16 x 50	10
102	BS EN 24227	Hex Head Screw, M10 x 45	76
103	ISO 7040	Prevailing Torque Nut, M16	10
104	ISO 7040	Prevailing Torque Nut, M10	76
105	BS 4320	M16 Plain Washer (Form A)	20
106	BS 4320	M10 Plain Washer (Form A)	152
107	-	Anchor Bolt, M16	25
108	-	Resin Anchor Bolt, M16	10

NOTES

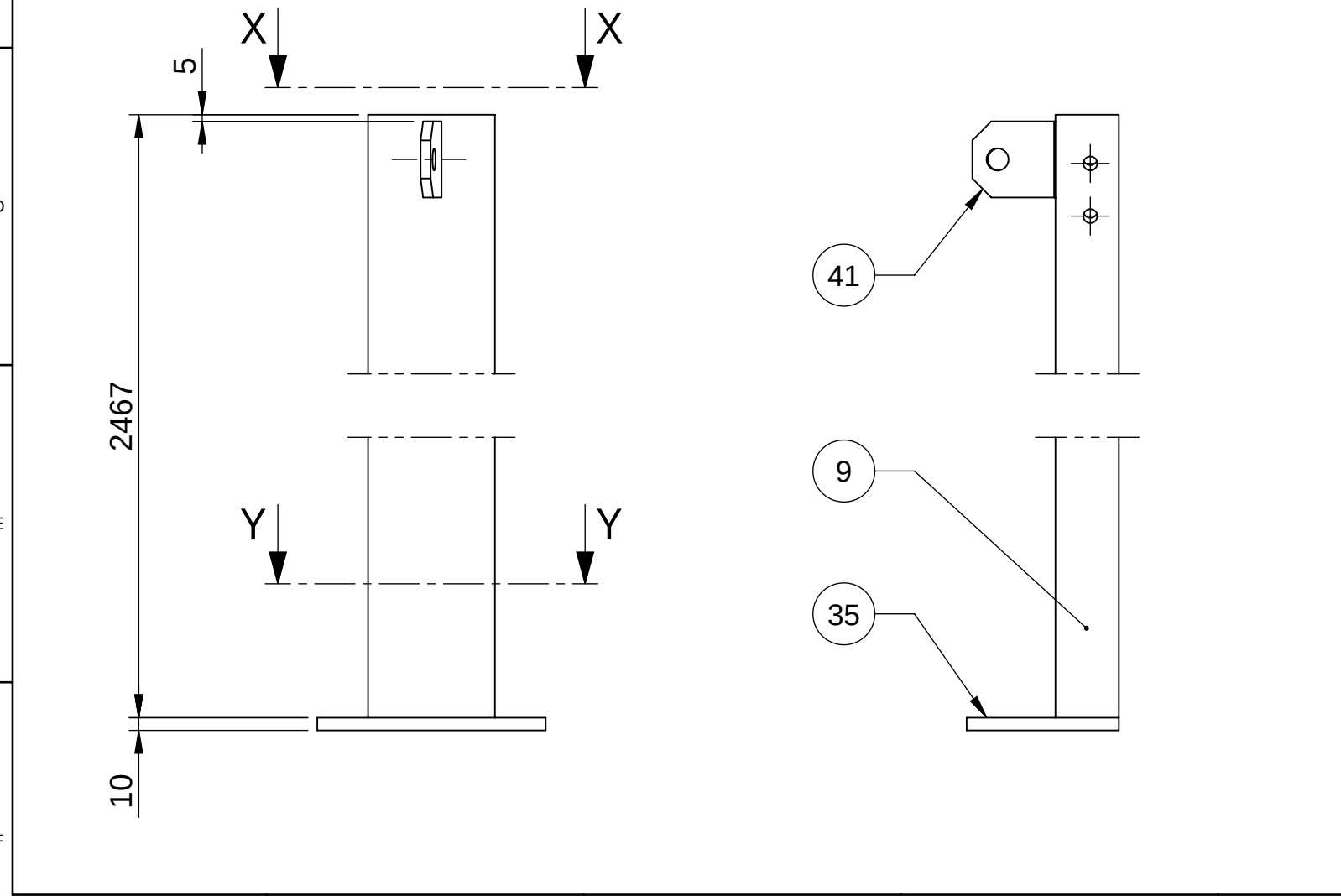
1. All fasteners to be Stainless Steel BS 6105, Grade A2-70.
2. All washers to be Stainless Steel BS 1449: pt 2, Grade 304S16.

A	M Harrison	28.07.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
E	Drawing Owner CHAPMAN & SON FABRICATIONS email: matt@chapman&son.co.uk phone: 01634 256482	Title Conservatory, 18 Elm Road, Rochester, Assembly, Fixing Schedule			
F	Drawn by 	Drawing Number 20160728-100-FS		Sheet 1/1	Issue A



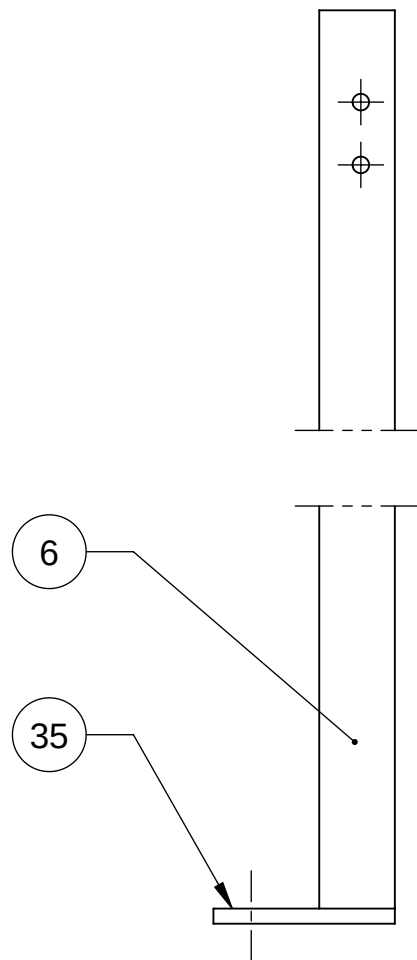
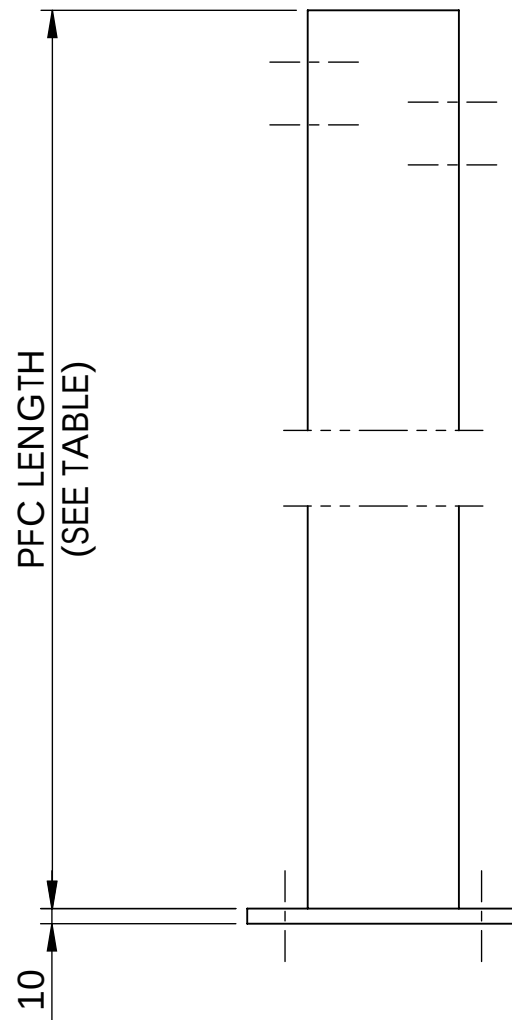
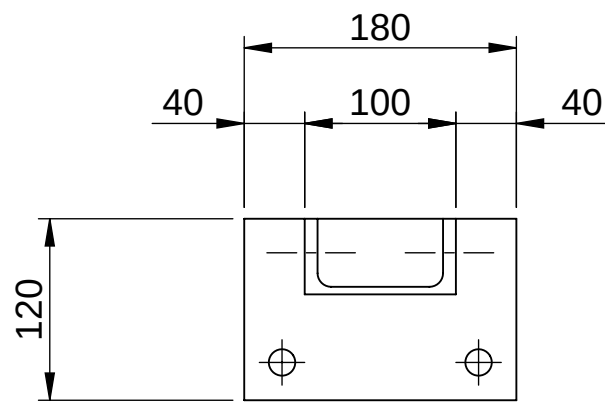
SECTION X-X

SECTION Y-Y

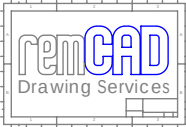


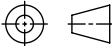
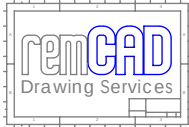
Used on		20160728-100 Conservatory, 18 Elm Road, Assembly		
ITEM	PART No.	DESCRIPTION	LENGTH	QTY
	20160728-S5	Post Fabrication S5		1
9	20160728-B4.4	PFC, 100x50x10	2467	1
35	20160728-P2	Plate, 10x120	180	1
41	20160728-P6	Plate, 8x60	65	1

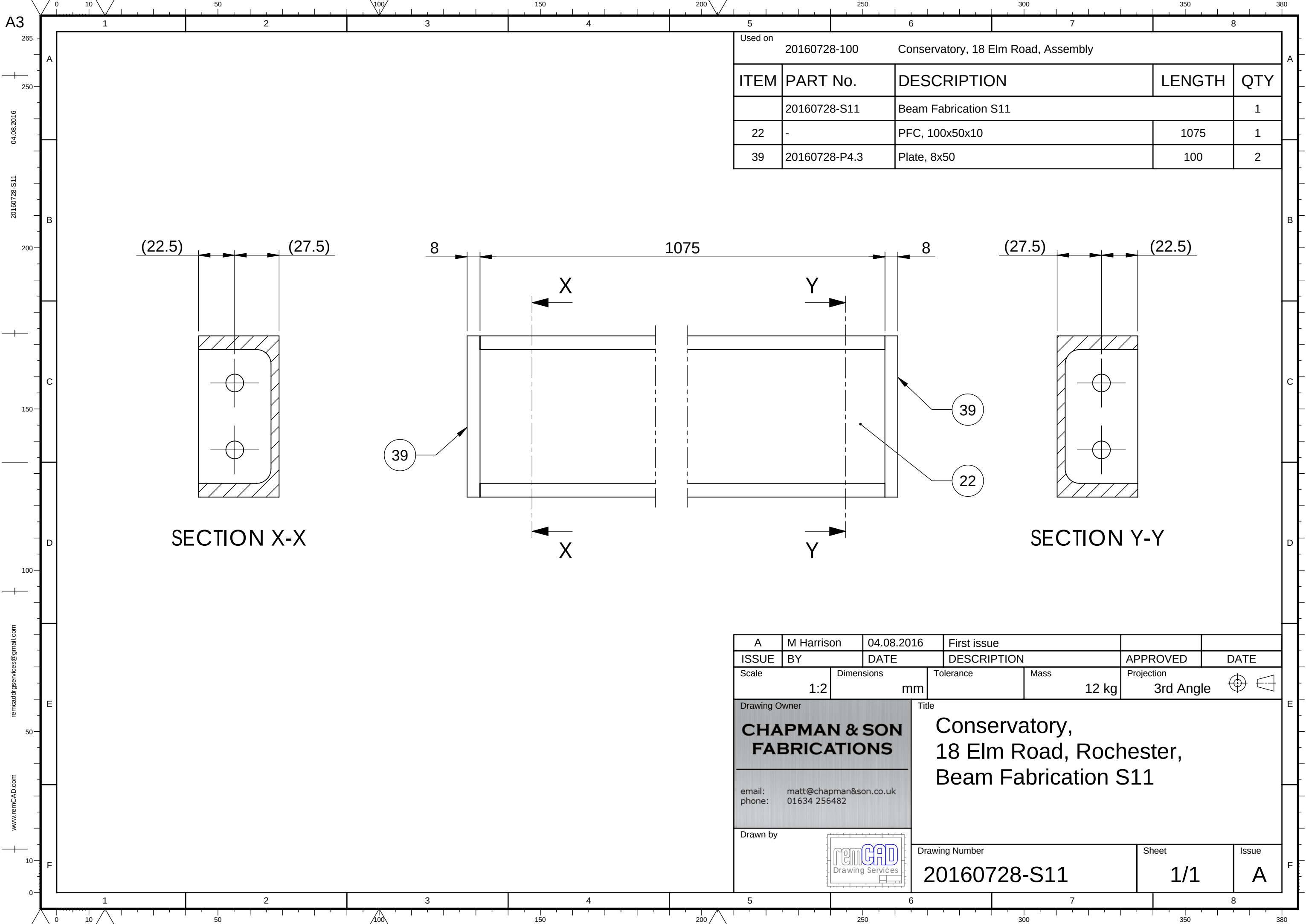
A	M Harrison	04.08.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Scale	1:20	Dimensions	mm	Tolerance	Mass
					28 kg
Drawing Owner			Title		
CHAPMAN & SON FABRICATIONS			Conservatory, 18 Elm Road, Rochester, Post Fabrication S5		
email: matt@chapman&son.co.uk phone: 01634 256482			Projection 3rd Angle		
Drawn by			Drawing Number		
remCAD Drawing Services			20160728-S5		
			Sheet		Issue
			1/1		A



Used on					
20160728-100		Conservatory, 18 Elm Road, Assembly			
ITEM	PART No.	DESCRIPTION	LENGTH	MASS	QTY
	20160728-S6.1	Post Fabrication S6.1		32 kg	1
6	20160728-B4.1	PFC, 100x50x10	2927		1
	20160728-S6.2	Post Fabrication S6.2		28 kg	1
7	20160728-B4.2	PFC, 100x50x10	2549		1
	20160728-S6.3	Post Fabrication S6.3		28 kg	1
8	20160728-B4.3	PFC, 100x50x10	2501		1
	20160728-S6.4	Post Fabrication S6.4		27 kg	1
10	20160728-B4.5	PFC, 100x50x10	2446		1
		Common Parts			
35	20160728-P2	Plate, 10x120	180		1

A	M Harrison	04.08.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Scale 1:20		Dimensions mm	Tolerance	Mass See table	Projection 3rd Angle
Drawing Owner CHAPMAN & SON FABRICATIONS			Title Conservatory, 18 Elm Road, Rochester, Post Fabrications S6.1 to S6.4		
email: matt@chapman&son.co.uk phone: 01634 256482					
Drawn by 			Drawing Number 20160728-S6		Sheet 1/1
				Issue A	

A	M Harrison	04.08.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Scale	Dimensions	Tolerance	Mass	Projection	
1:2	mm		See table	3rd Angle	
Drawing Owner CHAPMAN & SON FABRICATIONS email: matt@chapman&son.co.uk phone: 01634 256482		Title Conservatory, 18 Elm Road, Rochester, Beam Fabrications S10.1 to S10.8			
Drawn by 		Drawing Number 20160728-S10	Sheet 1/1	Issue A	



Used on				
20160728-100		Conservatory, 18 Elm Road, Assembly		
ITEM	PART No.	DESCRIPTION	LENGTH	QTY
	20160728-S11	Beam Fabrication S11		1
22	-	PFC, 100x50x10	1075	1
39	20160728-P4.3	Plate, 8x50	100	2

A	M Harrison	04.08.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Scale 1:2		Dimensions mm	Tolerance	Mass 12 kg	Projection 3rd Angle
Drawing Owner			Title		
CHAPMAN & SON FABRICATIONS			Conservatory, 18 Elm Road, Rochester, Beam Fabrication S11		
email: matt@chapman&son.co.uk phone: 01634 256482					
Drawn by					
Drawing Number			Sheet	Issue	
20160728-S11			1/1	A	

(22.5)

SECTION X-X

(22.5)

SECTION Y-Y

39

X

Y

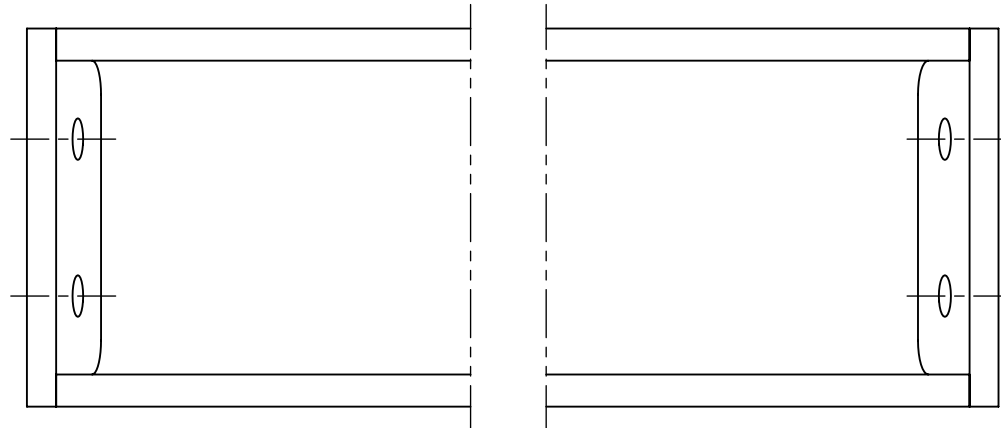
39

X

Y

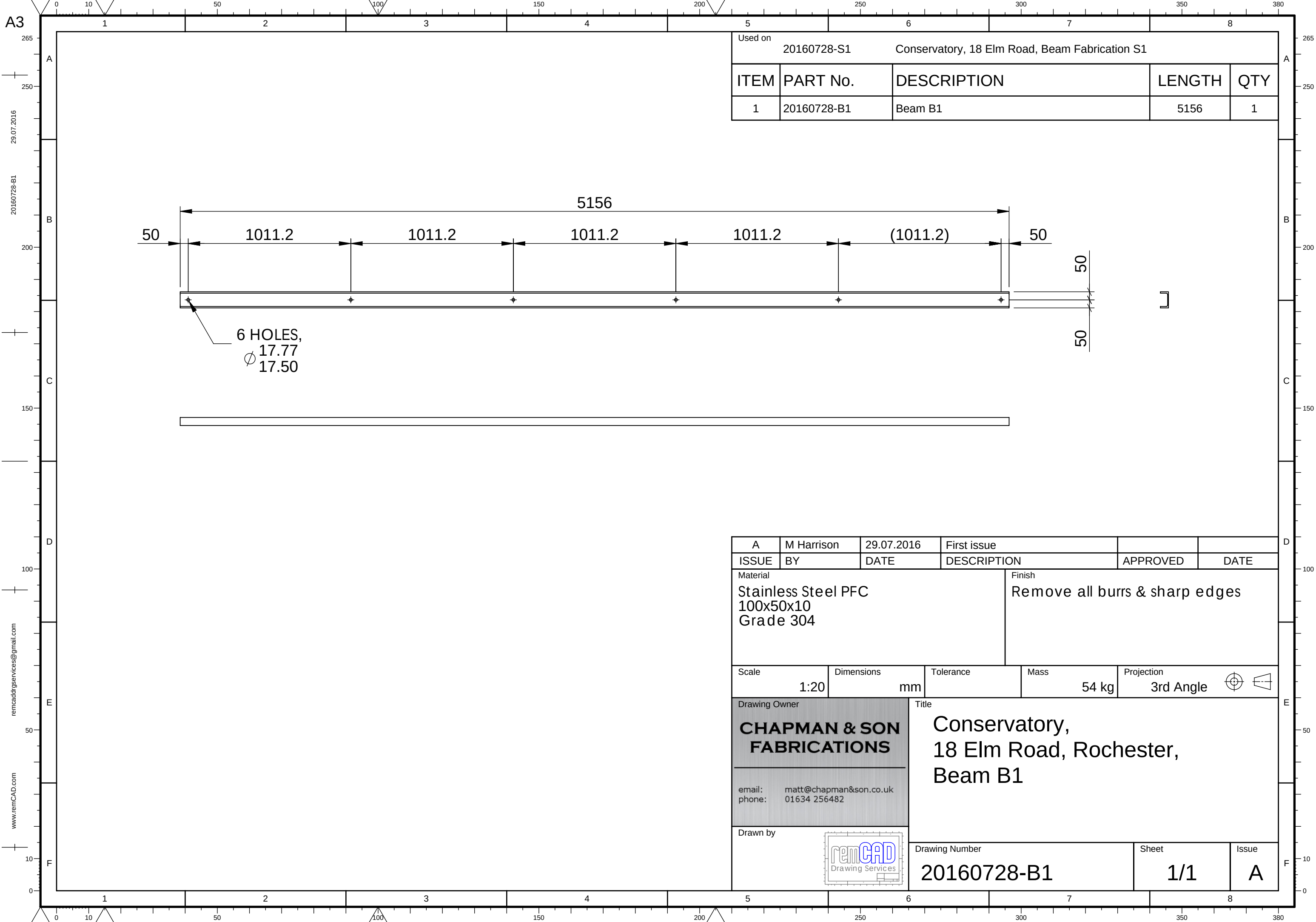
23

PFC LENGTH
(SEE TABLE)

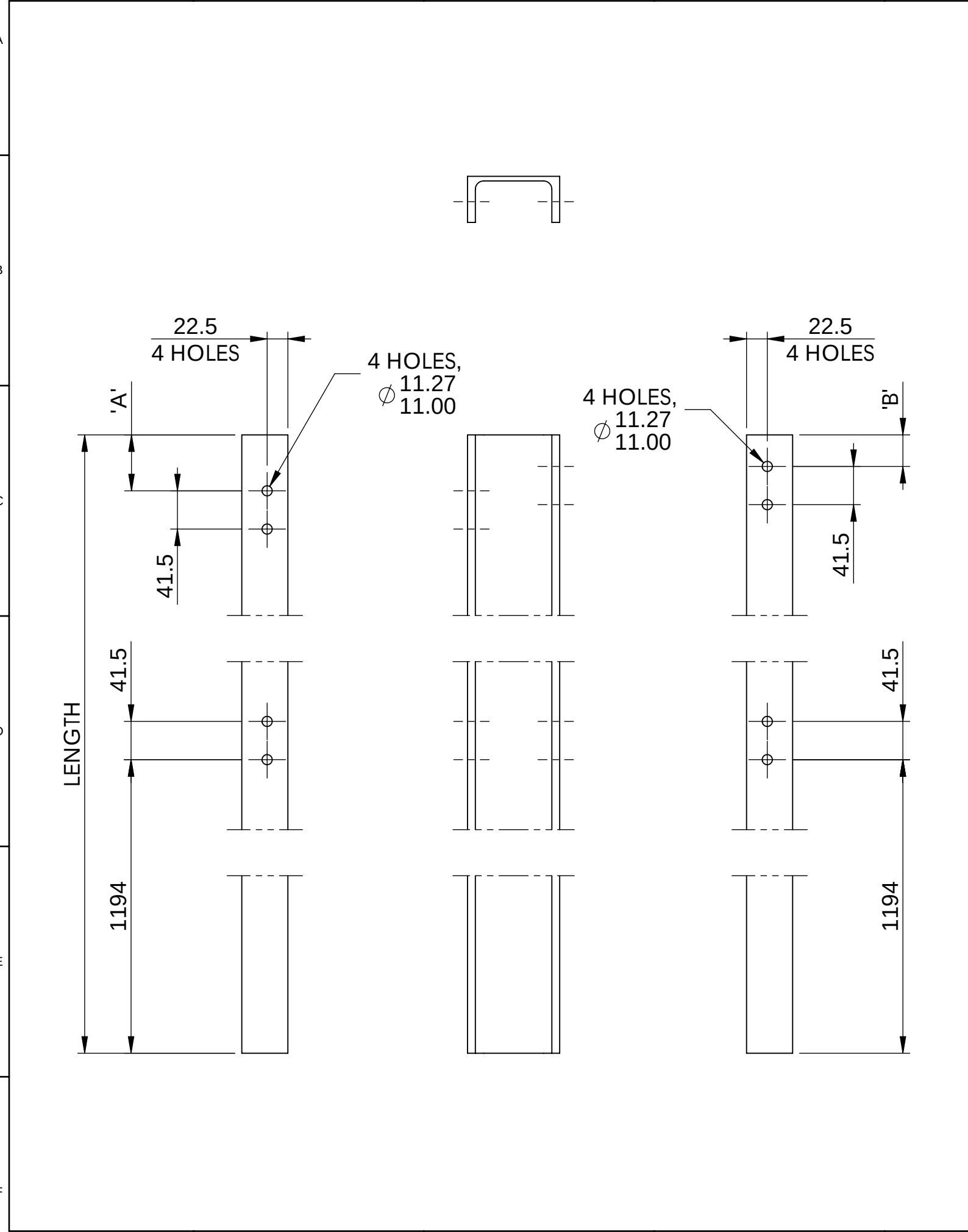


Used on 20160728-100 Conservatory, 18 Elm Road, Assembly					
ITEM	PART No.	DESCRIPTION	LENGTH	MASS	QTY
	20160728-S12.1	Beam Fabrication S12.1		7 kg	1
23	20160728-B8.1	PFC, 100x50x10	602		1
	20160728-S12.2	Beam Fabrication S12.2		7 kg	1
24	20160728-B8.2	PFC, 100x50x10	602		1
	20160728-S12.3	Beam Fabrication S12.3		7 kg	1
25	20160728-B8.3	PFC, 100x50x10	602		1
	20160728-S12.4	Beam Fabrication S12.4		7 kg	1
26	20160728-B8.4	PFC, 100x50x10	601		1
	20160728-S12.5	Beam Fabrication S12.5		7 kg	1
27	20160728-B8.5	PFC, 100x50x10	602		1
	20160728-S12.6	Beam Fabrication S12.6		7 kg	2
28	20160728-B8.6	PFC, 100x50x10	602		1
		Common Parts			
39	20160728-P4.3	Plate, 8x50	100		2

A	M Harrison	04.08.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Scale 1:2		Dimensions mm	Tolerance	Mass See table	Projection 3rd Angle
Drawing Owner CHAPMAN & SON FABRICATIONS			Title Conservatory, 18 Elm Road, Rochester, Beam Fabrications S12.1 to S12.6		
email: matt@chapman&son.co.uk phone: 01634 256482					
Drawn by					
Drawing Number 20160728-S12			Sheet 1/1	Issue A	

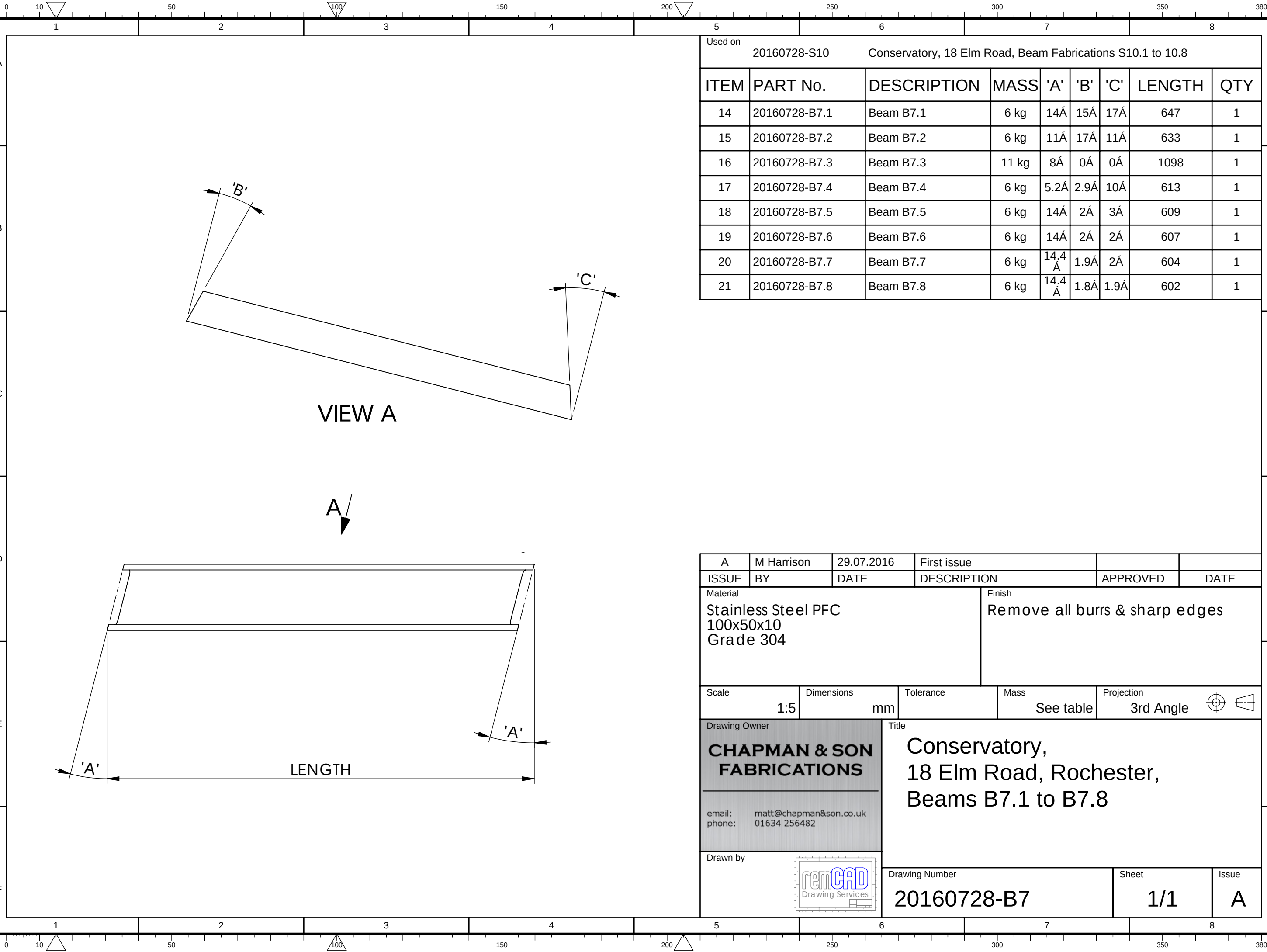


A	M Harrison	29.07.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Material Stainless Steel PFC 100x50x10 Grade 304			Finish Remove all burrs & sharp edges		
Scale 1:20	Dimensions mm	Tolerance	Mass 54 kg	Projection 3rd Angle	
Drawing Owner CHAPMAN & SON FABRICATIONS		Title Conservatory, 18 Elm Road, Rochester, Beam B1			
email: matt@chapman&son.co.uk phone: 01634 256482					
Drawn by 		Drawing Number 20160728-B1		Sheet 1/1	Issue A

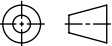
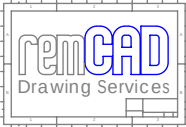


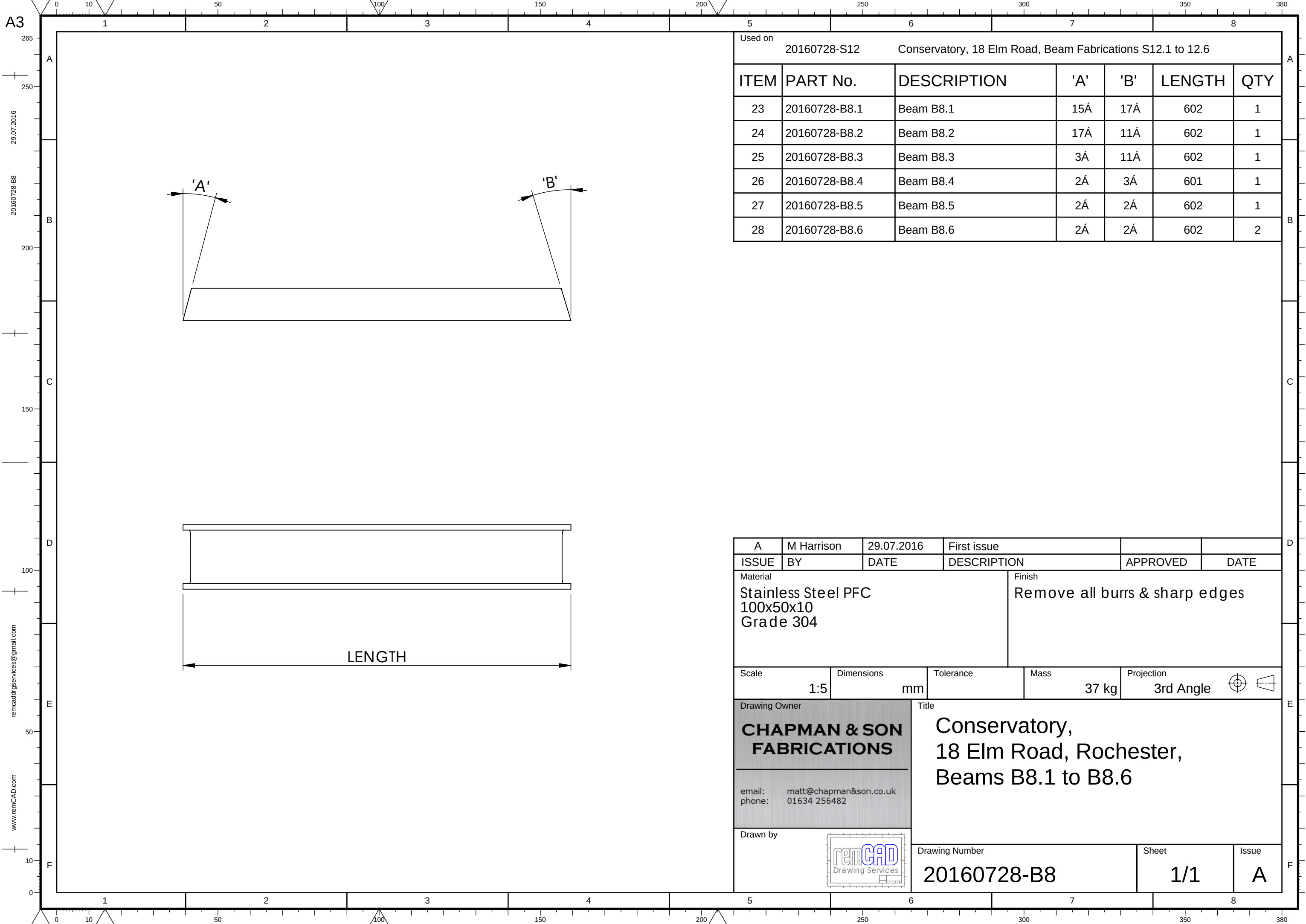
Used on		20160728-S5-6 Conservatory, 18 Elm Road, Post Fabrications S5 & S6.1 to 6.4					
ITEM	PART No.	DESCRIPTION	MASS	'A'	'B'	LENGTH	QTY
6	20160728-B4.1	Beam B4.1	30 kg	60.7	34.3	2927	1
7	20160728-B4.2	Beam B4.2	26 kg	60.7	34.3	2549	1
8	20160728-B4.3	Beam B4.3	26 kg	60.7	34.3	2501	1
9	20160728-B4.4	Beam B4.4	26 kg	60.7	34.3	2467	1
10	20160728-B4.5	Beam B4.5	25 kg	35.3	33.2	2446	1

A	M Harrison	29.07.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Material Stainless Steel PFC 100x50x10 Grade 304			Finish Remove all burrs & sharp edges		
Scale	1:5	Dimensions	mm	Tolerance	Mass
					See table
Drawing Owner CHAPMAN & SON FABRICATIONS		Title Conservatory, 18 Elm Road, Rochester, Beams B4.1 to B4.5			
email: matt@chapman&son.co.uk phone: 01634 256482					
Drawn by		Drawing Number 20160728-B4		Sheet 1/1	Issue A



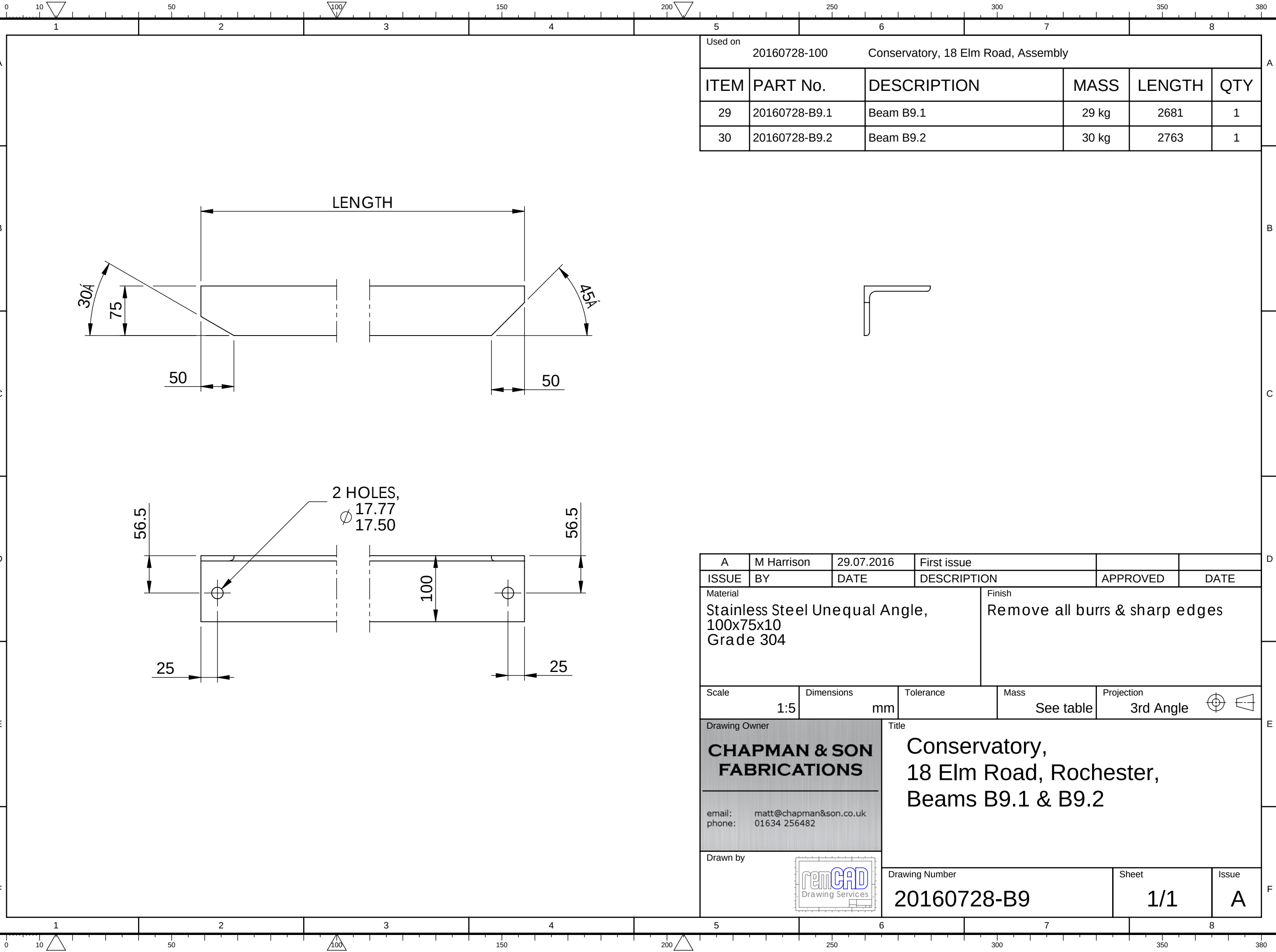
Used on		20160728-S10 Conservatory, 18 Elm Road, Beam Fabrications S10.1 to 10.8						
ITEM	PART No.	DESCRIPTION	MASS	'A'	'B'	'C'	LENGTH	QTY
14	20160728-B7.1	Beam B7.1	6 kg	14Á	15Á	17Á	647	1
15	20160728-B7.2	Beam B7.2	6 kg	11Á	17Á	11Á	633	1
16	20160728-B7.3	Beam B7.3	11 kg	8Á	0Á	0Á	1098	1
17	20160728-B7.4	Beam B7.4	6 kg	5.2Á	2.9Á	10Á	613	1
18	20160728-B7.5	Beam B7.5	6 kg	14Á	2Á	3Á	609	1
19	20160728-B7.6	Beam B7.6	6 kg	14Á	2Á	2Á	607	1
20	20160728-B7.7	Beam B7.7	6 kg	14.4Á	1.9Á	2Á	604	1
21	20160728-B7.8	Beam B7.8	6 kg	14.4Á	1.8Á	1.9Á	602	1

A	M Harrison	29.07.2016	First issue			
ISSUE	BY	DATE	DESCRIPTION		APPROVED	DATE
Material			Finish			
Stainless Steel PFC 100x50x10 Grade 304			Remove all burrs & sharp edges			
Scale		Dimensions		Tolerance	Mass	Projection
1:5		mm			See table	3rd Angle 
Drawing Owner			Title			
CHAPMAN & SON FABRICATIONS			Conservatory, 18 Elm Road, Rochester, Beams B7.1 to B7.8			
email: matt@chapman&son.co.uk phone: 01634 256482						
Drawn by			Drawing Number			Sheet
			20160728-B7			1/1
						Issue
						A



Used on						
20160728-S12			Conservatory, 18 Elm Road, Beam Fabrications S12.1 to 12.6			
ITEM	PART No.	DESCRIPTION	'A'	'B'	LENGTH	QTY
23	20160728-B8.1	Beam B8.1	15Á	17Á	602	1
24	20160728-B8.2	Beam B8.2	17Á	11Á	602	1
25	20160728-B8.3	Beam B8.3	3Á	11Á	602	1
26	20160728-B8.4	Beam B8.4	2Á	3Á	601	1
27	20160728-B8.5	Beam B8.5	2Á	2Á	602	1
28	20160728-B8.6	Beam B8.6	2Á	2Á	602	2

A	M Harrison	29.07.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Material			Finish		
Stainless Steel PFC 100x50x10 Grade 304			Remove all burrs & sharp edges		
Scale	Dimensions	Tolerance	Mass	Projection	
1:5	mm		37 kg	3rd Angle	
Drawing Owner		Title			
CHAPMAN & SON FABRICATIONS		Conservatory, 18 Elm Road, Rochester, Beams B8.1 to B8.6			
email: matt@chapman&son.co.uk phone: 01634 256482					
Drawn by		Drawing Number			Sheet
		20160728-B8			1/1
					Issue
					A



A	M Harrison	29.07.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Material Stainless Steel Unequal Angle, 100x75x10 Grade 304			Finish Remove all burrs & sharp edges		
Scale 1:5	Dimensions mm	Tolerance	Mass See table	Projection 3rd Angle	
Drawing Owner CHAPMAN & SON FABRICATIONS email: matt@chapman&son.co.uk phone: 01634 256482			Title Conservatory, 18 Elm Road, Rochester, Beams B9.1 & B9.2		
Drawn by 			Drawing Number 20160728-B9	Sheet 1/1	Issue A

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04.08.2016

20160728-P2

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04.08.2016

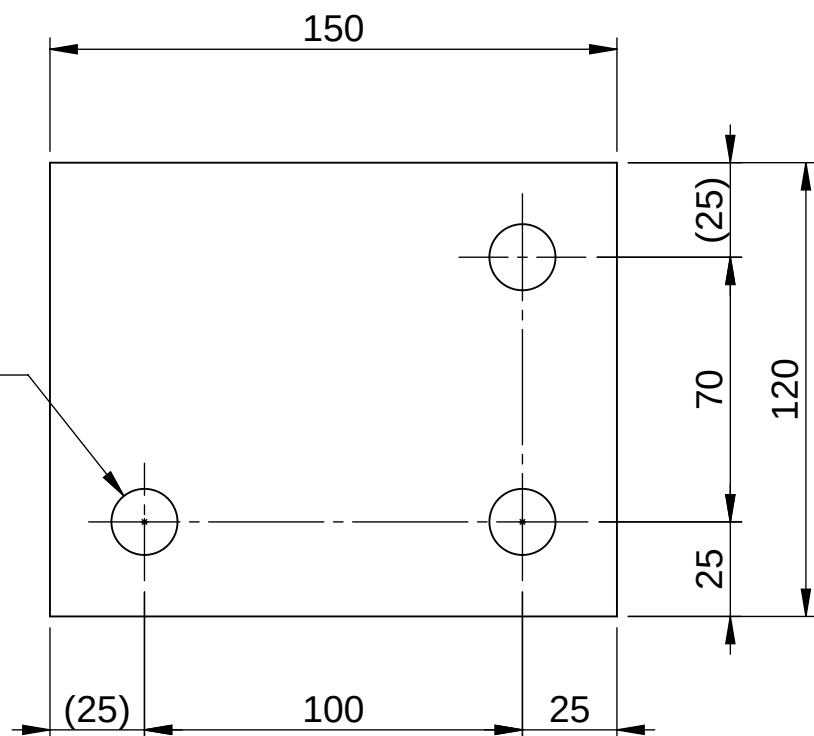
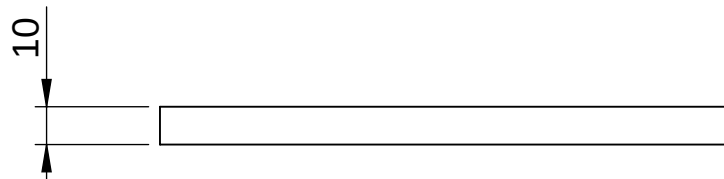
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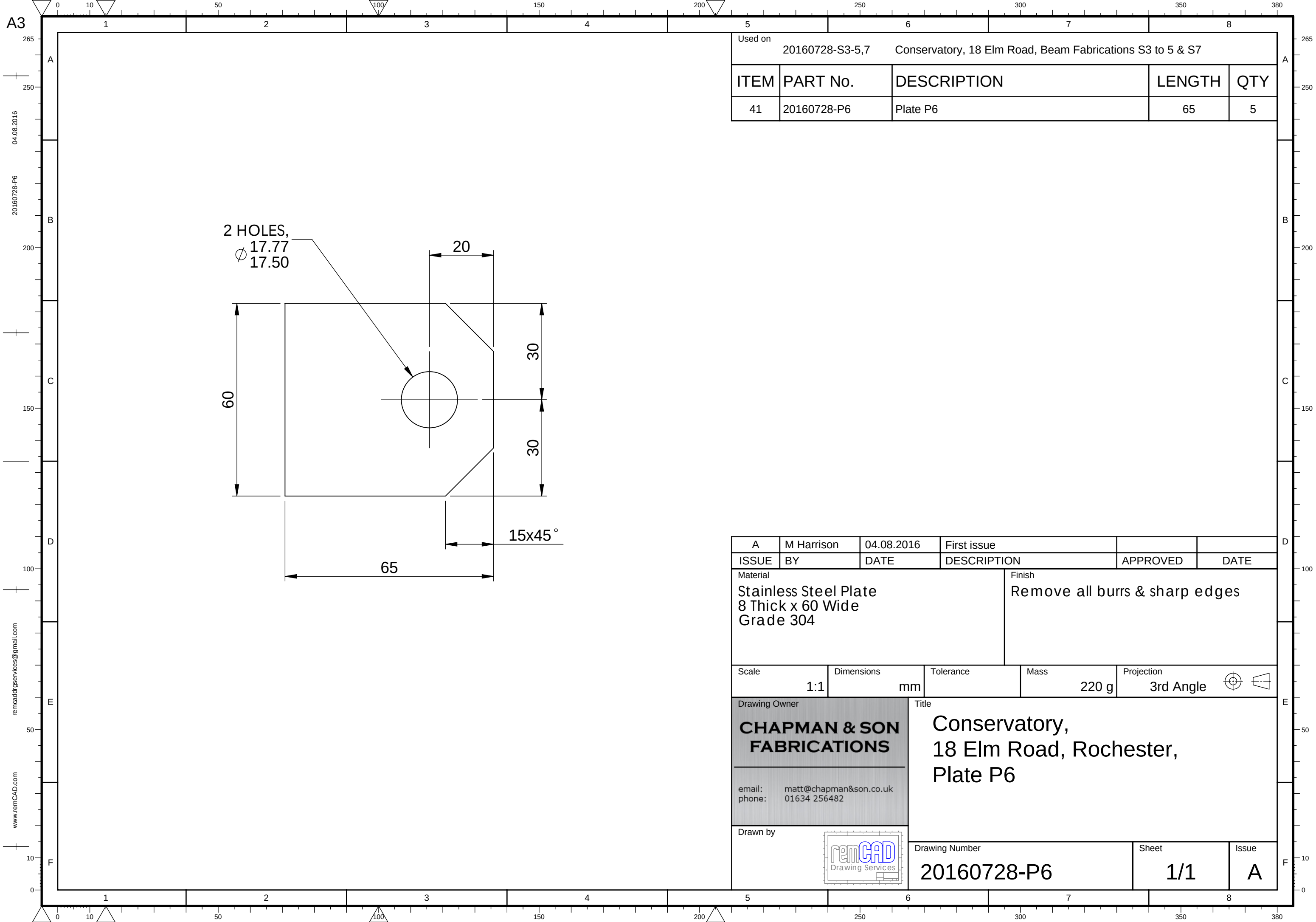
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Used on 20160728-S2-4,7 Conservatory, 18 Elm Road, Post Fabrications S2 to 4 & S7				
ITEM	PART No.	DESCRIPTION	LENGTH	QTY
36	20160728-P3	Plate P3	150	5

A	M Harrison	04.08.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Material Stainless Steel Plate 10 Thick x 120 Wide Grade 304			Finish Remove all burrs & sharp edges		
Scale 1:2	Dimensions mm	Tolerance	Mass 1 kg	Projection 3rd Angle	
Drawing Owner CHAPMAN & SON FABRICATIONS		Title Conservatory, 18 Elm Road, Rochester, Plate P3			
email: matt@chapman&son.co.uk phone: 01634 256482					
Drawn by 		Drawing Number 20160728-P3		Sheet 1/1	Issue A



Used on				
20160728-S3-5,7 Conservatory, 18 Elm Road, Beam Fabrications S3 to 5 & S7				
ITEM	PART No.	DESCRIPTION	LENGTH	QTY
41	20160728-P6	Plate P6	65	5

A	M Harrison	04.08.2016	First issue		
ISSUE	BY	DATE	DESCRIPTION	APPROVED	DATE
Material			Finish		
Stainless Steel Plate 8 Thick x 60 Wide Grade 304			Remove all burrs & sharp edges		
Scale	Dimensions	Tolerance	Mass	Projection	
1:1	mm		220 g	3rd Angle	
Drawing Owner		Title			
CHAPMAN & SON FABRICATIONS		Conservatory, 18 Elm Road, Rochester, Plate P6			
email: matt@chapman&son.co.uk phone: 01634 256482					
Drawn by		Drawing Number		Sheet	Issue
		20160728-P6		1/1	A