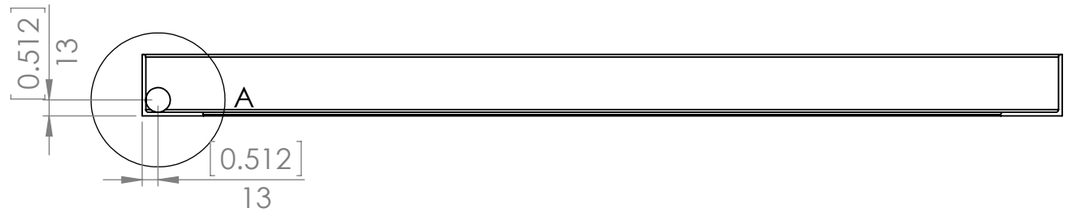
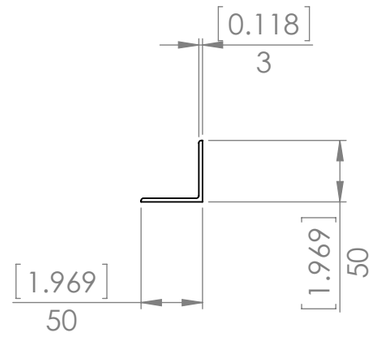
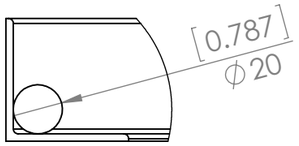
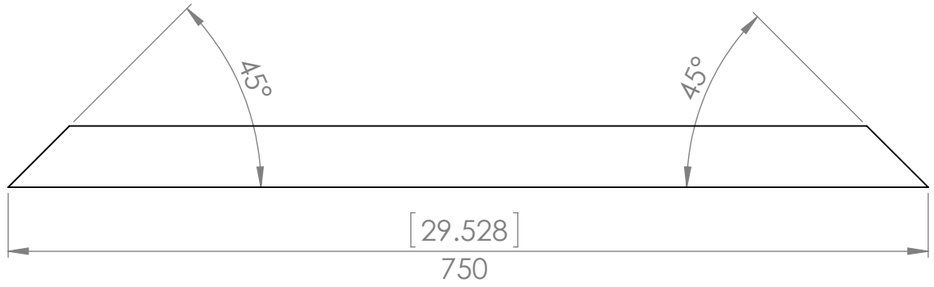
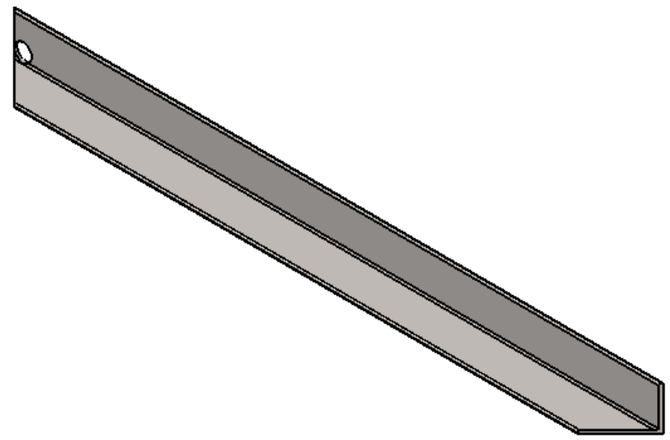






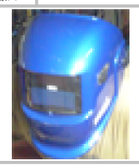
DETAIL A
SCALE 2 : 5

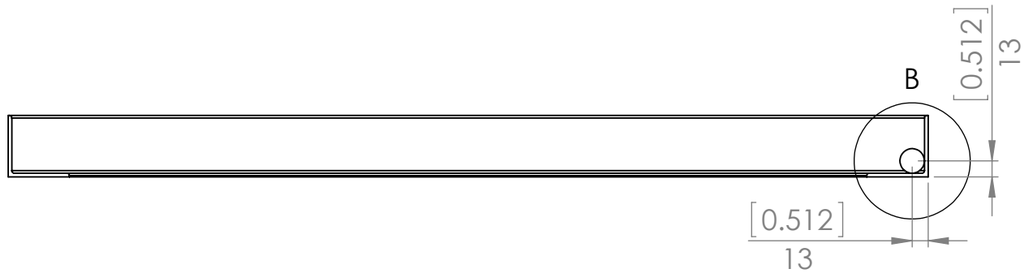


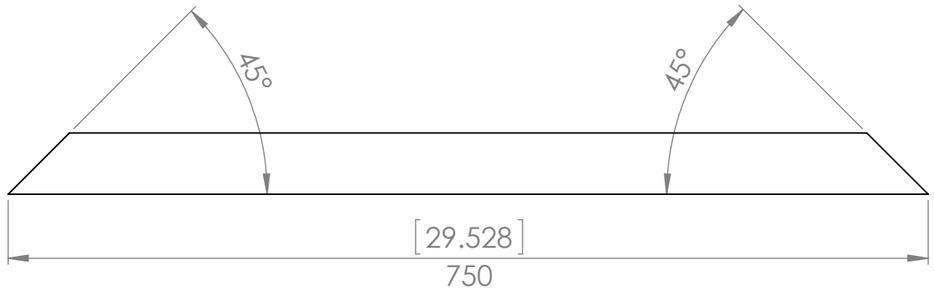


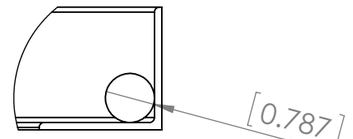
When the axel is poistioned in the hole it should touch both sides of the end angle.

The axel could be done more simply but part of the aim of this project is to get practice at lots of different weld joins and welding positions.

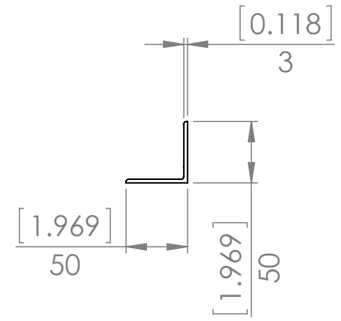
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted		DEBUR AND BREAK SHARP EDGES			DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Bottom Side 1	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel			DWG NO. p0070-001	A3
			WEIGHT: 1628.78			SCALE:1:5	SHEET 1 OF 30

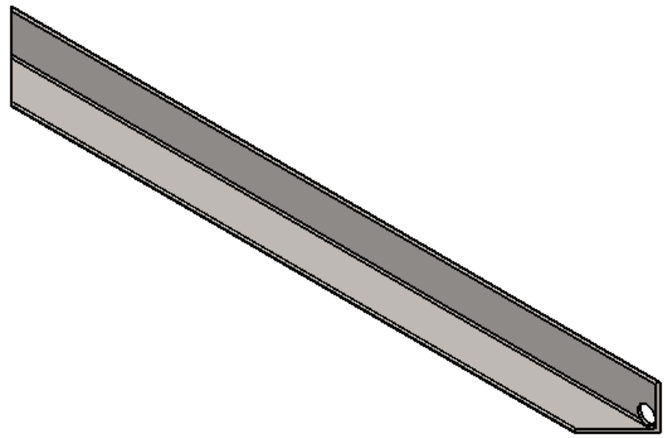






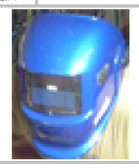
DETAIL B
SCALE 2 : 5

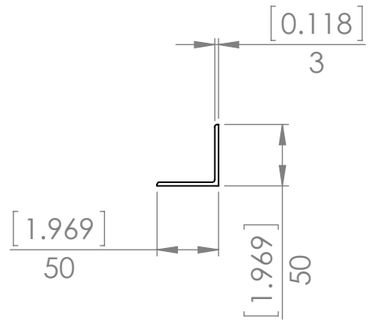


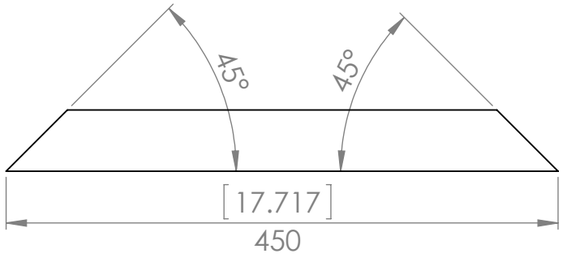


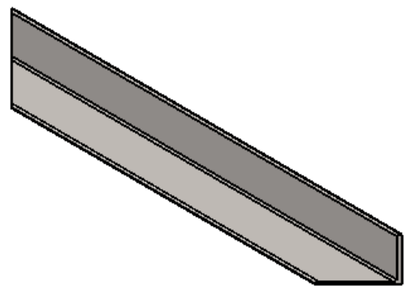
When the axel is poistioned in the hole it should touch both sides of the end angle.

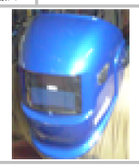
The axel could be done more simply but part of the aim of this project is to get practice at lots of different weld joins and welding positions.

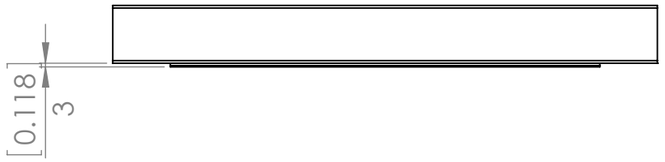
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Bottom Side 2	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel			DWG NO. p0070-002	A3
			WEIGHT: 1628.83			SCALE:1:5	SHEET 2 OF 30

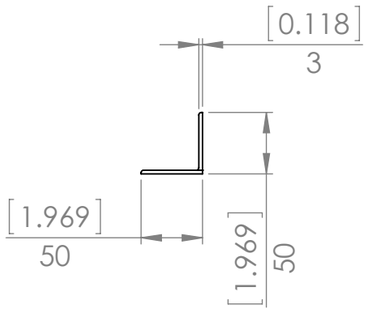


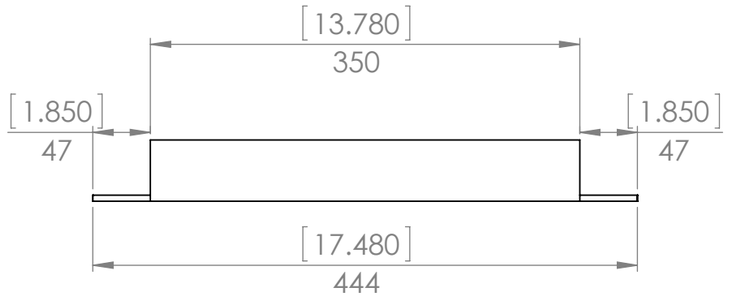


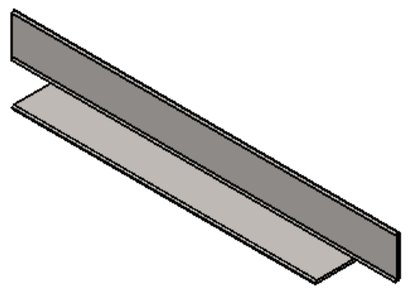


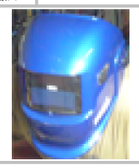
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: End	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
						MATERIAL: Plain Carbon Steel	DWG NO. p0070-003 A3
						WEIGHT: 957.24	SCALE:1:5 SHEET 3 OF 30

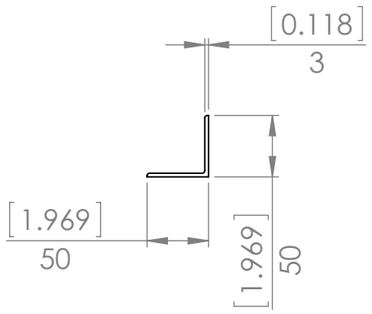


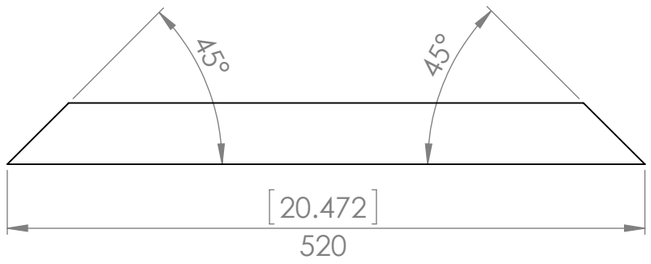


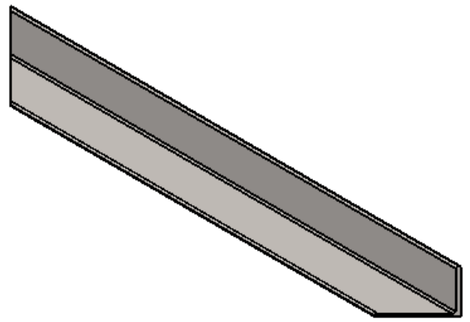


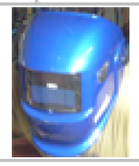


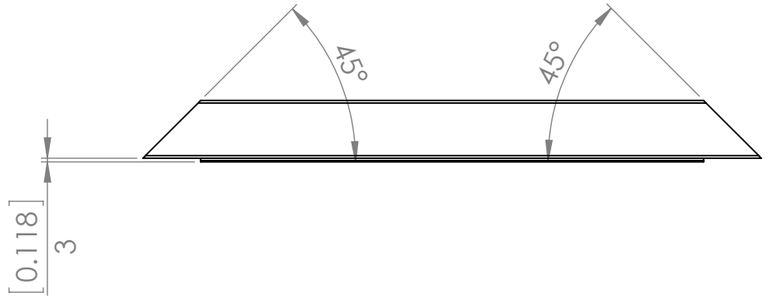
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
	NAME	DATE				Designed 2 Build	
DRAWN	Merlin	2017-01-12				TITLE: Cross Member	
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel			DWG NO. p0070-004	A3
			WEIGHT: 895.47			SCALE:1:5	SHEET 4 OF 30

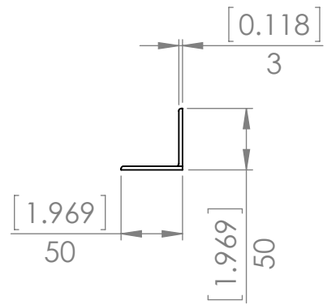


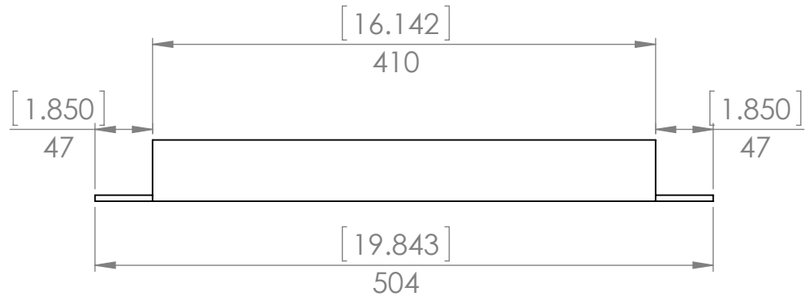


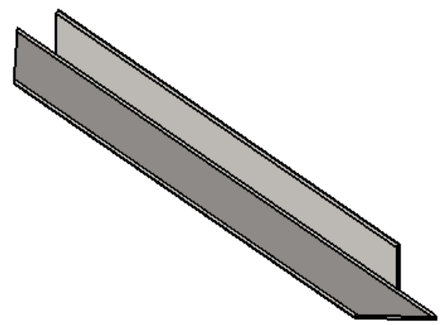


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Top Side	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
						MATERIAL: Plain Carbon Steel	DWG NO. p0070-005 A3
						WEIGHT: 1115.00	SCALE:1:5 SHEET 5 OF 30

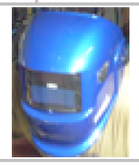


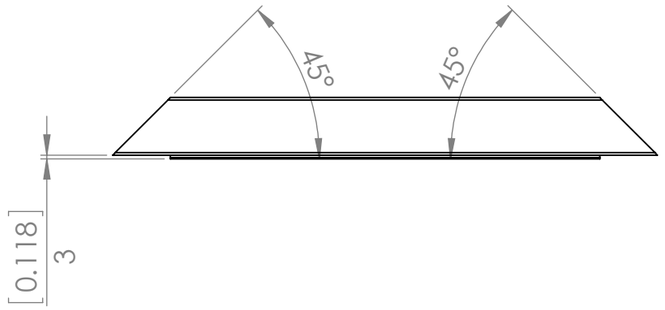


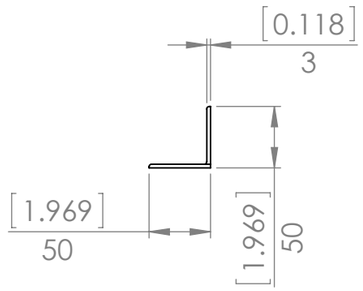


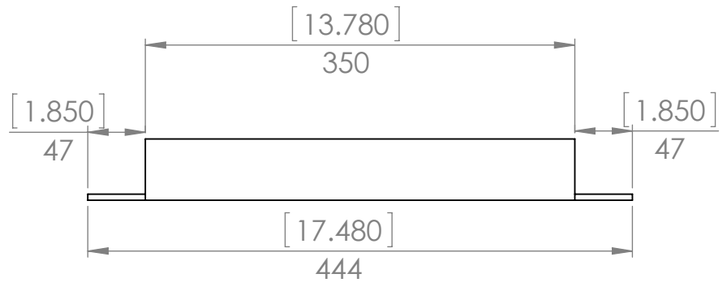


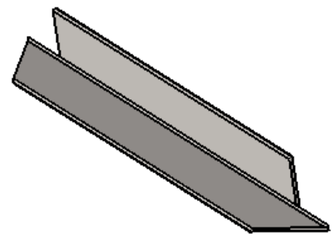
Another part which could be greatly simplified if you want to. I did it this way because, as I have said, part of the reason behind this design is to get welding practice.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Shelf Side	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
						MATERIAL: Plain Carbon Steel	DWG NO. p0070-006 A3
						WEIGHT: 980.18	SCALE:1:5 SHEET 6 OF 30

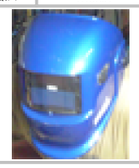


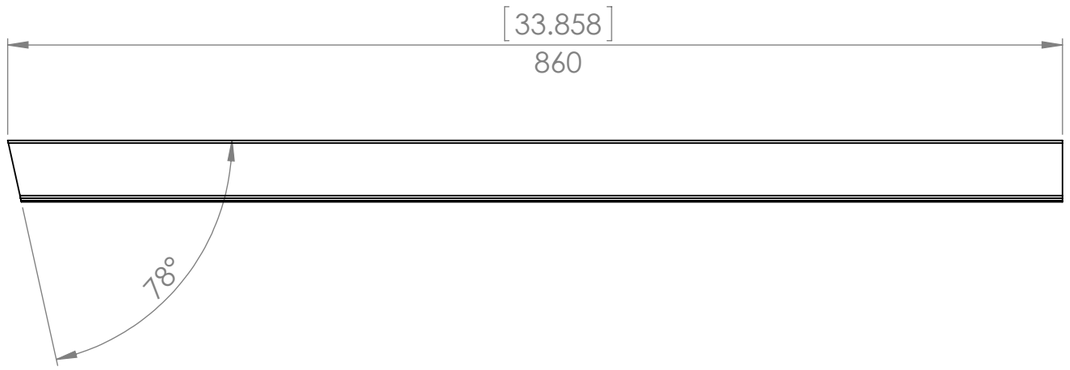


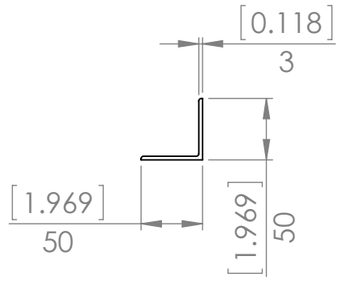


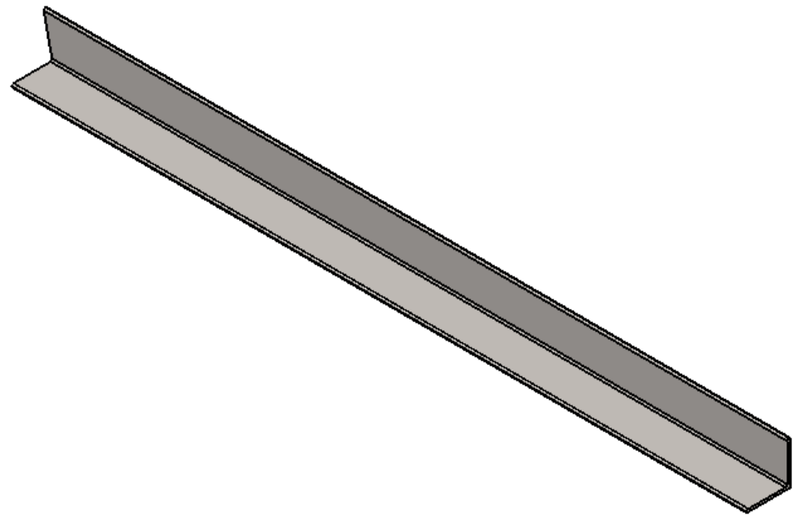


Another part which could be greatly simplified if you want to. I did it this way because, as I have said, part of the reason behind this design is to get welding practice.

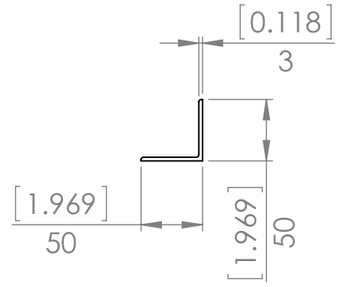
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
	NAME	DATE				Designed 2 Build	
DRAWN	Merlin	2017-01-12				TITLE: Shelf End	
Q.A	Merlin	2017-01-30					
							
					MATERIAL: Plain Carbon Steel	DWG NO. p0070-007	A3
					WEIGHT: 844.40	SCALE:1:5	SHEET 7 OF 30

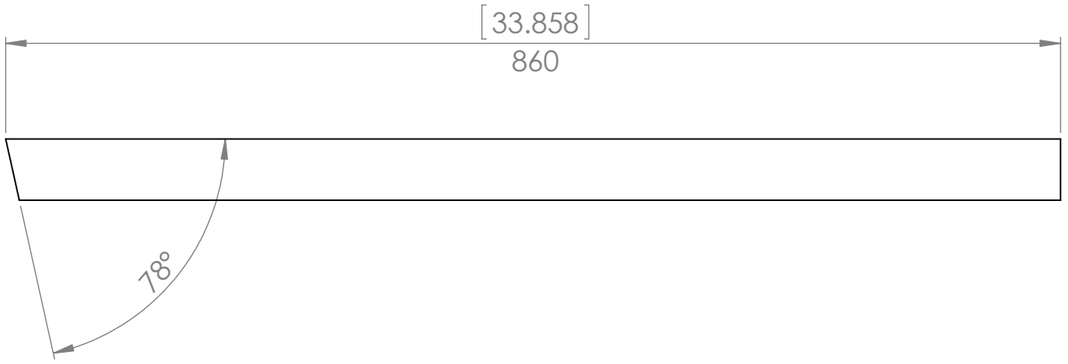


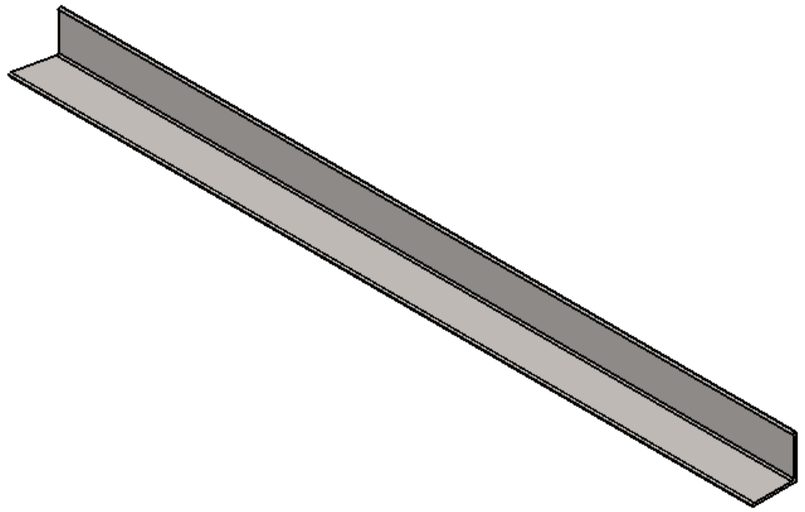




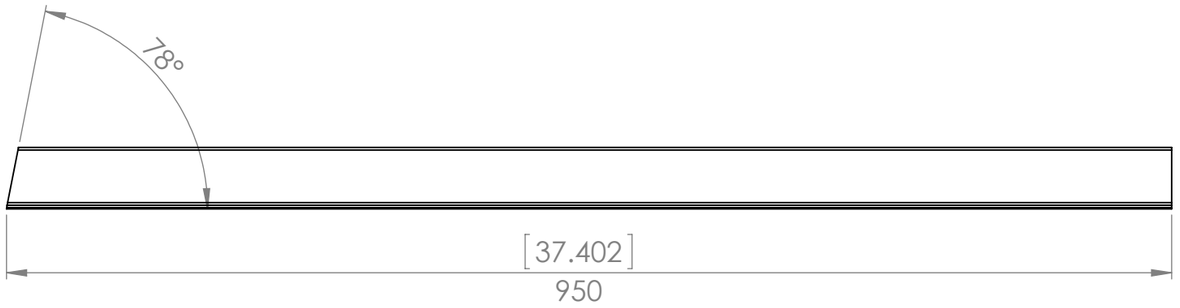
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted		DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION A
					Designed 2 Build		
	NAME	DATE			TITLE: Vertical Short 1		
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel		DWG NO. p0070-008		A3
			WEIGHT: 1927.50		SCALE:1:5	SHEET 8 OF 30	

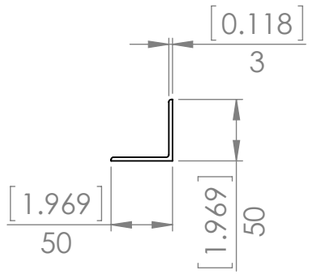


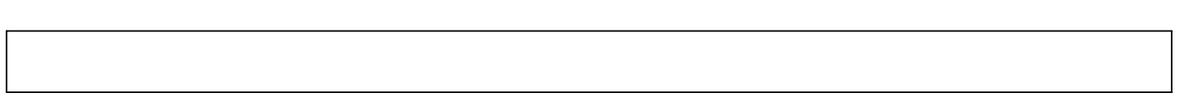


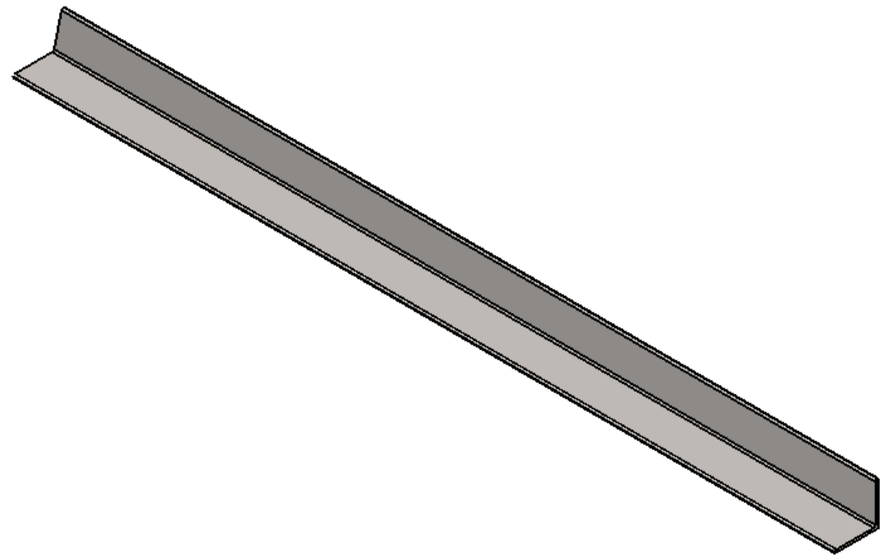


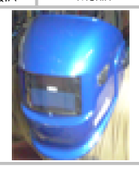
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build
	NAME	DATE				TITLE: Vertical Short 2
DRAWN	Merlin	2017-01-12				
Q.A	Merlin	2017-01-30				
						
			MATERIAL: Plain Carbon Steel		DWG NO. p0070-009	A3
			WEIGHT: 1927.50		SCALE:1:5	SHEET 9 OF 30

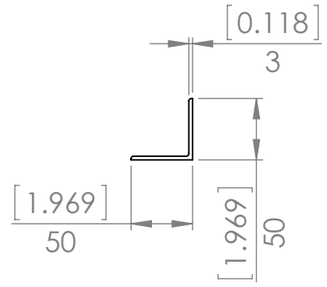


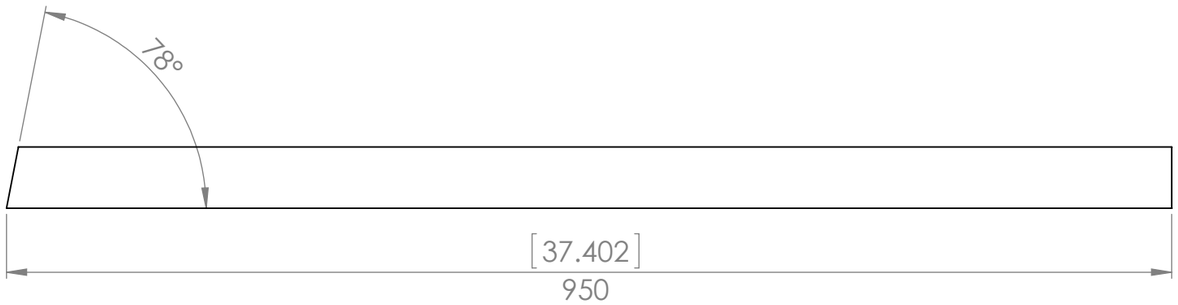


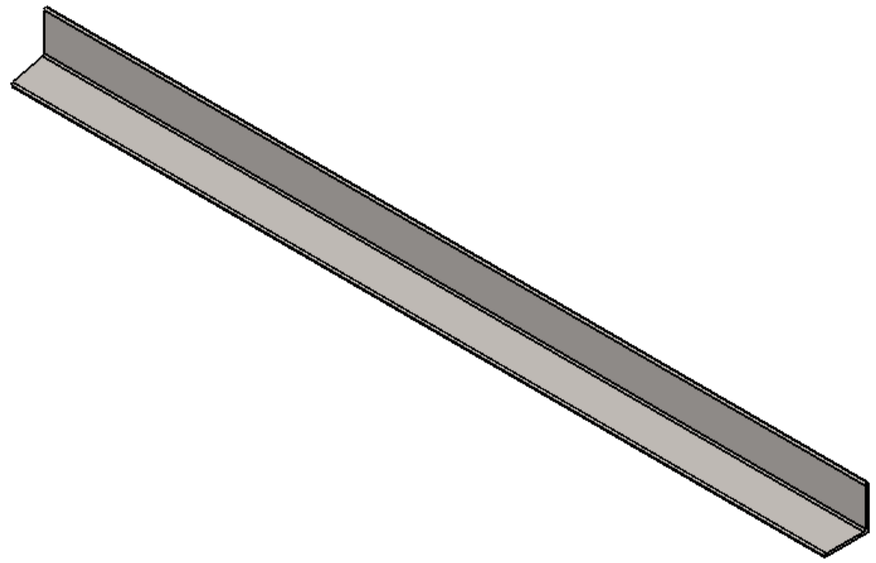


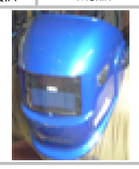


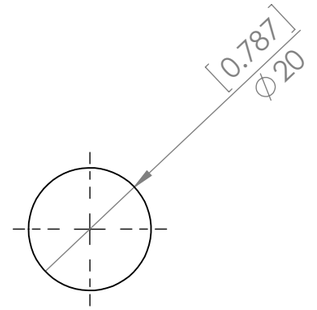
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Vertical Long	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
						MATERIAL: Plain Carbon Steel	DWG NO. p0070-010 A3
						WEIGHT: 2143.95	SCALE:1:5 SHEET 10 OF 30

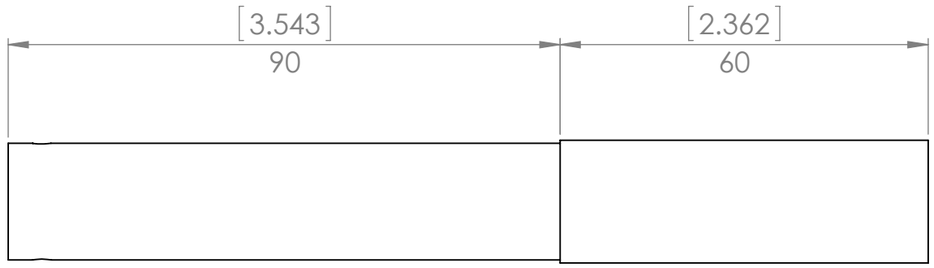


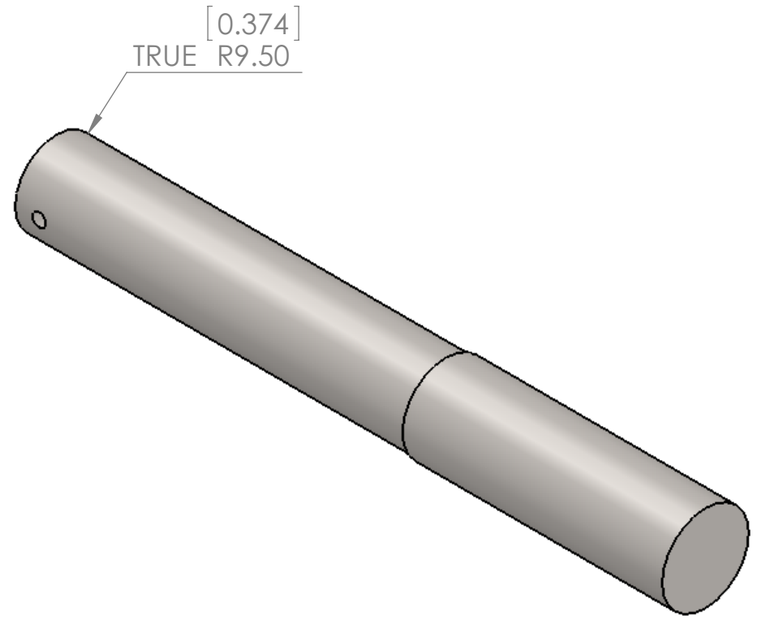




UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION A
	NAME	DATE				Designed 2 Build	
DRAWN	Merlin	2017-01-12				TITLE: Vertical Long 2	
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel			DWG NO. p0070-011	A3
			WEIGHT: 2143.95			SCALE:1:5	SHEET 11 OF 30



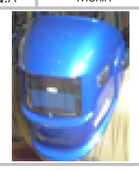


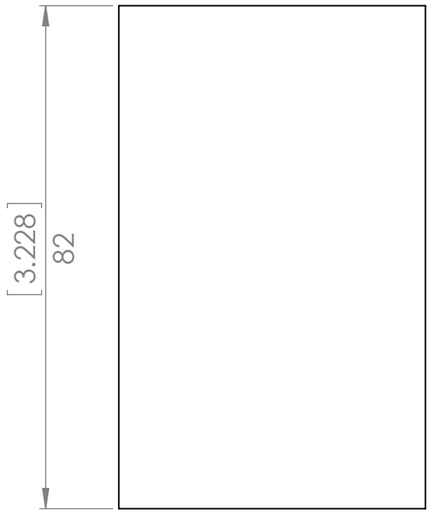


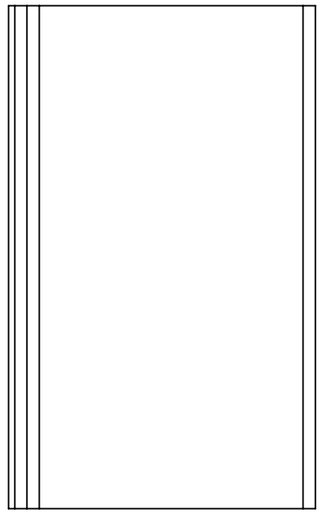
The axel stock which I had available for the build was 20mm but the wheels I bought took a 3/4" (19mm) axel so I turned it down to suit.

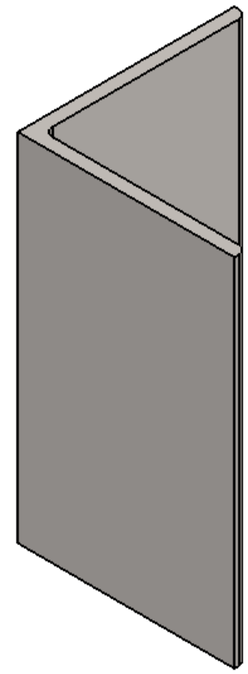
No need to do anything fancy if you are lucky enough to have matching sizes on hand, just adjust the size of the holes you drill for the axels accordingly.

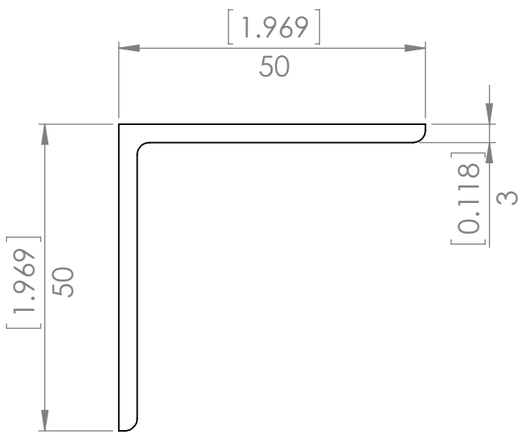
Polish the end the wheel fits on.

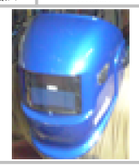
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted/Polished		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION A	
	NAME	DATE				Designed 2 Build	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30			TITLE: Axel		
							
			MATERIAL: Plain Carbon Steel		DWG NO. p0070-012		A3
			WEIGHT: 345.02		SCALE:1:1	SHEET 12 OF 30	

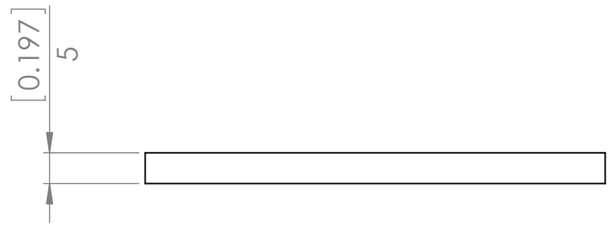


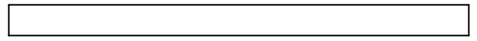






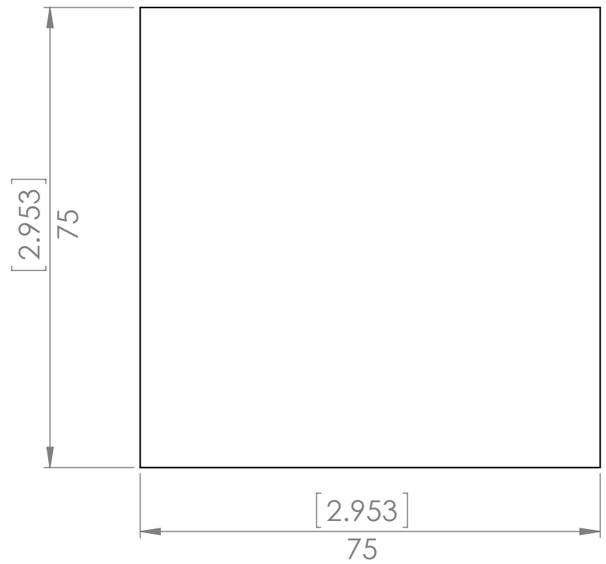
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted		DEBUR AND BREAK SHARP EDGES			DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Leg	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel			DWG NO. p0070-013	A3
			WEIGHT: 185.57			SCALE:1:1	SHEET 13 OF 30

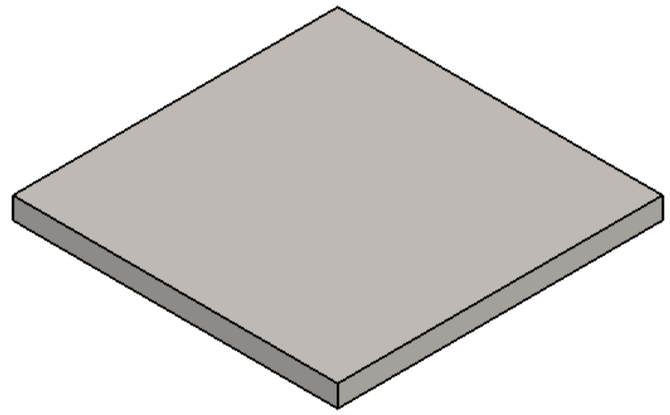




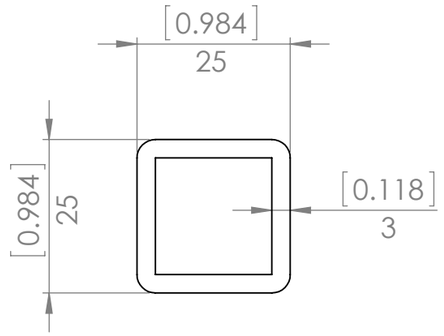
As you will see in the pictures I ended up making the feet triangular on the prototype and a little larger than the angle for the legs.

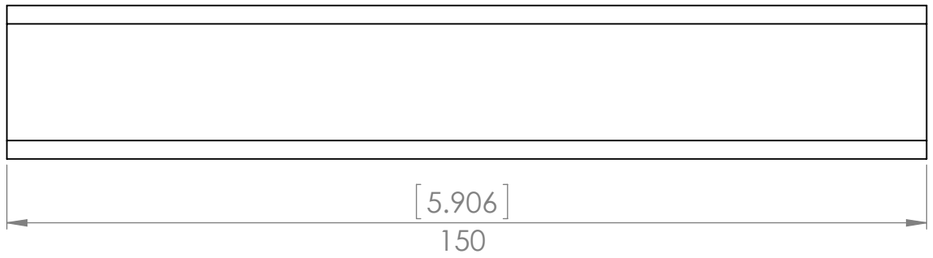
Basically because I had two perfect pieces in the scrap bin.

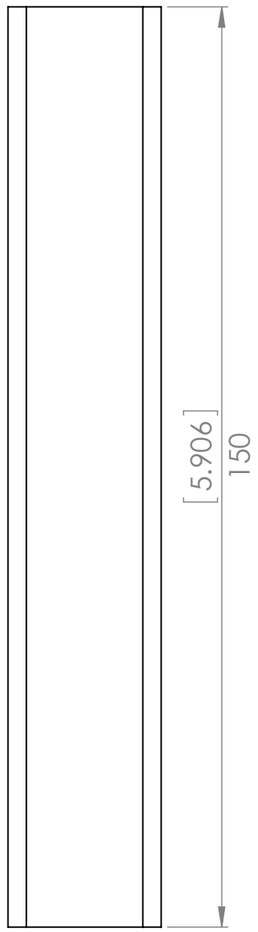




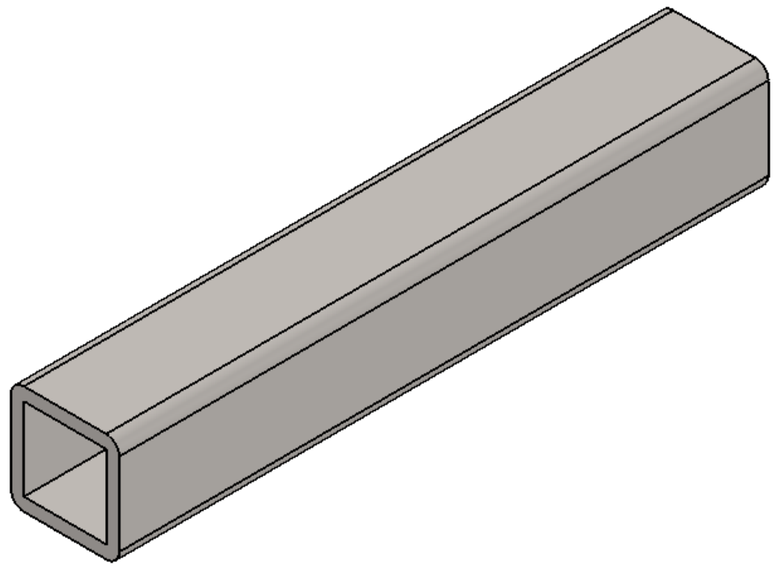
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Foot	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel			DWG NO. p0070-014	A3
			WEIGHT: 219.37			SCALE:1:1	SHEET 14 OF 30

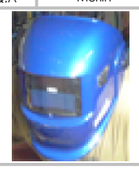


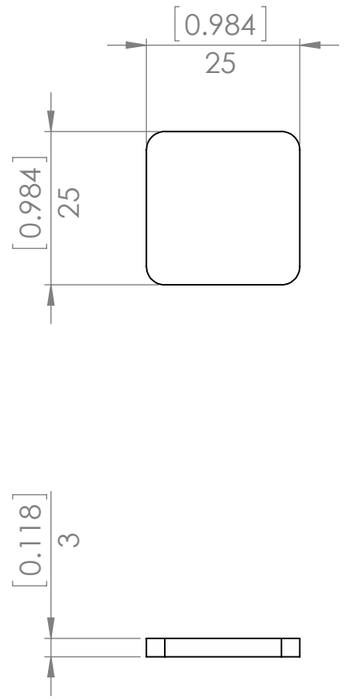


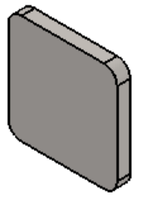


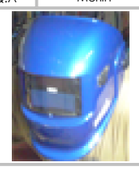
Use and scrap pipe, SHS or RHS you have around suitable to make a couple of handles from.

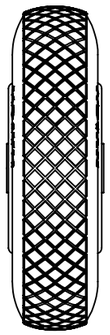


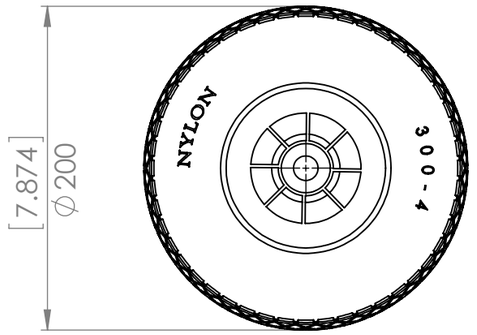
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build
	NAME	DATE				TITLE: Handle
DRAWN	Merlin	2017-01-12				
Q.A	Merlin	2017-01-30				
					MATERIAL: Plain Carbon Steel	DWG NO. p0070-015 A3
					WEIGHT: 299.84	SCALE:1:1 SHEET 15 OF 30



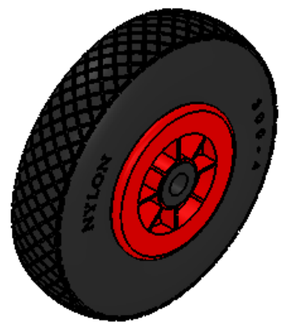


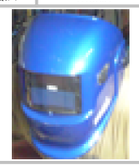
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Design & Build	
	NAME	DATE				TITLE: Handle End Cap	
DRAWN	Merlin	2017-01-12					
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel			DWG NO. p0070-016	A3
			WEIGHT: 14.44			SCALE:1:1	SHEET 16 OF 30

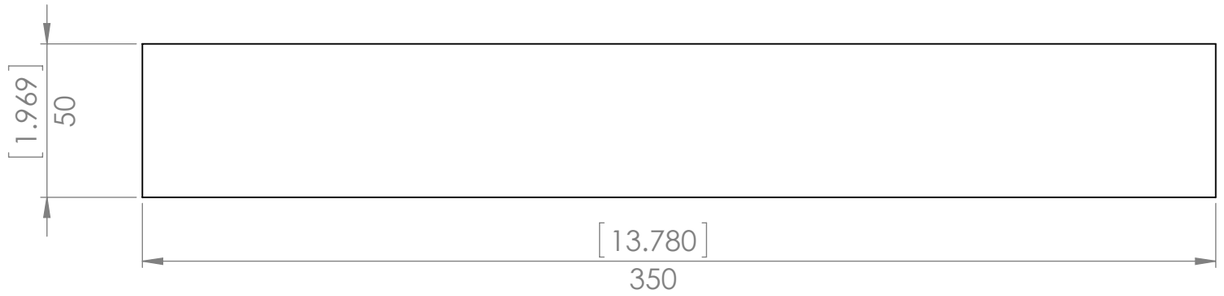


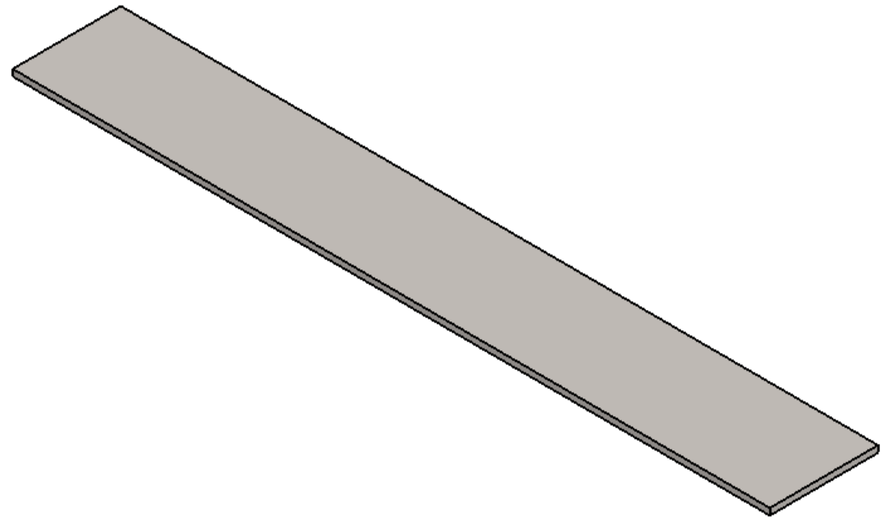


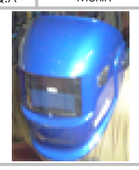
I picked up some solid rubber wheels for the job. Anything around 200mm (8") should be fine.

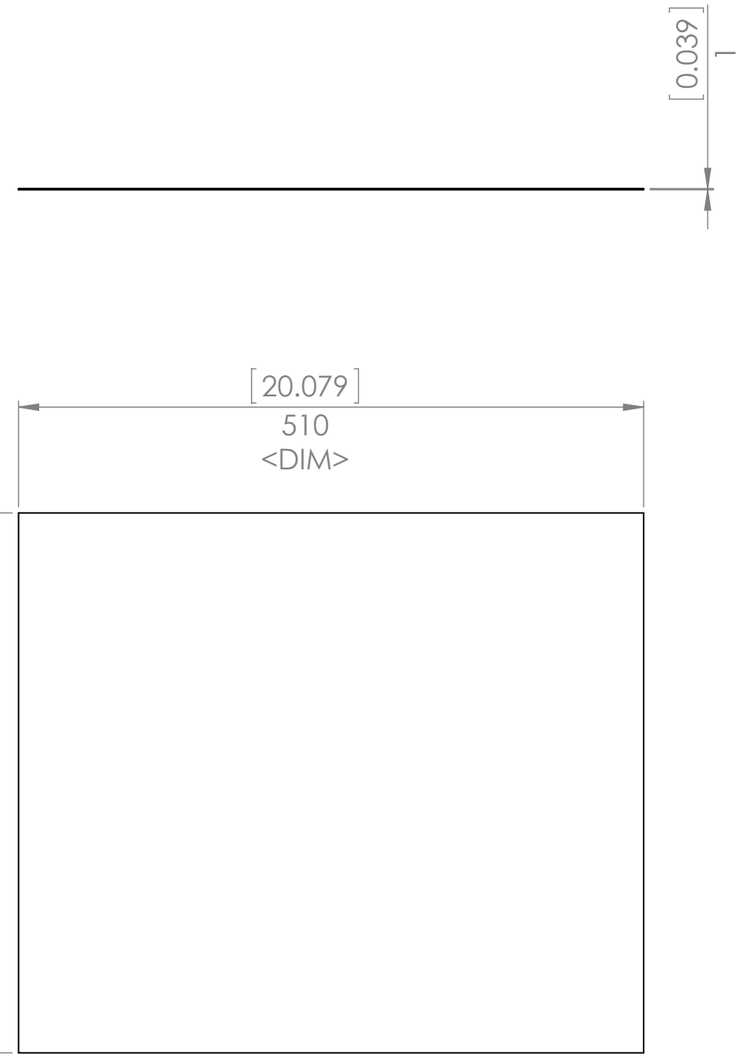


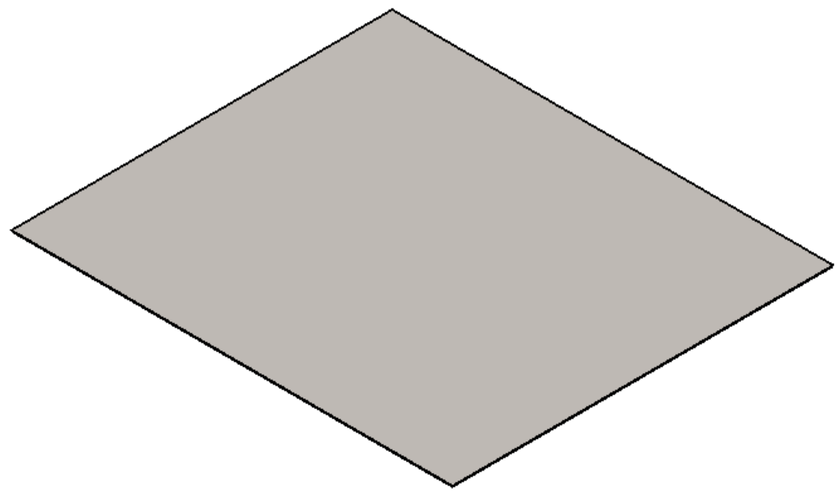
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: As Received		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION A	
	NAME	DATE			Designed 2 Build		
DRAWN	n	-			TITLE: Wheel - 200mm (8 inch)		
Q.A	Merlin	2017-01-30					
			MATERIAL:		DWG NO. p0070-017	A3	
			WEIGHT:		SCALE:1:5	SHEET 17 OF 30	





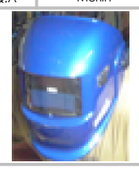
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Floor Support	
DRAWN	Merlin	2017-01-29					
Q.A	Merlin	2017-01-30					
							
						MATERIAL: Plain Carbon Steel	DWG NO. p0070-018 A3
						WEIGHT: 409.50	SCALE:1:2 SHEET 18 OF 30

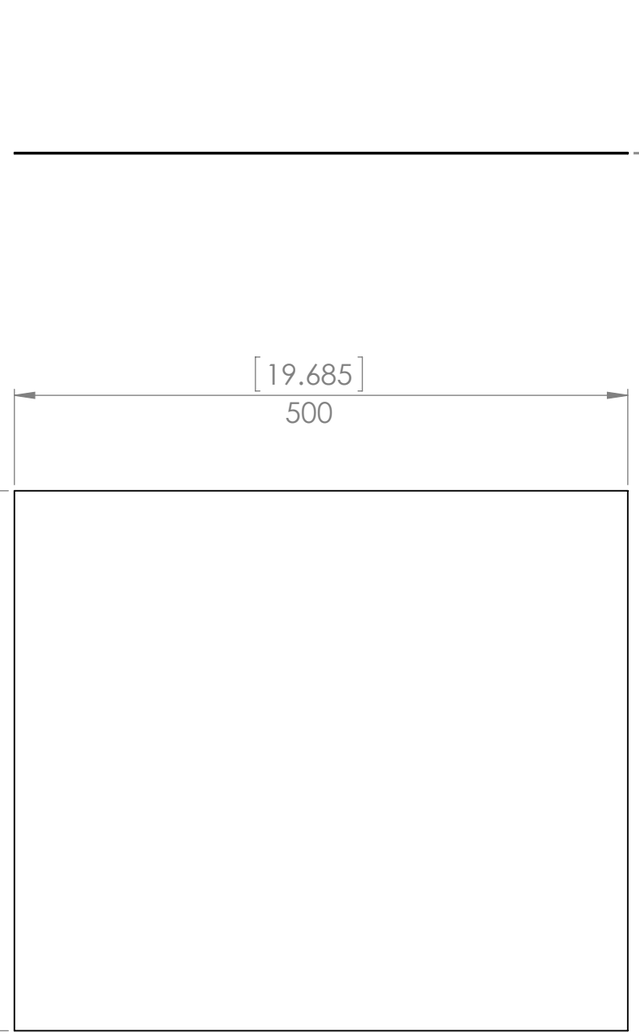


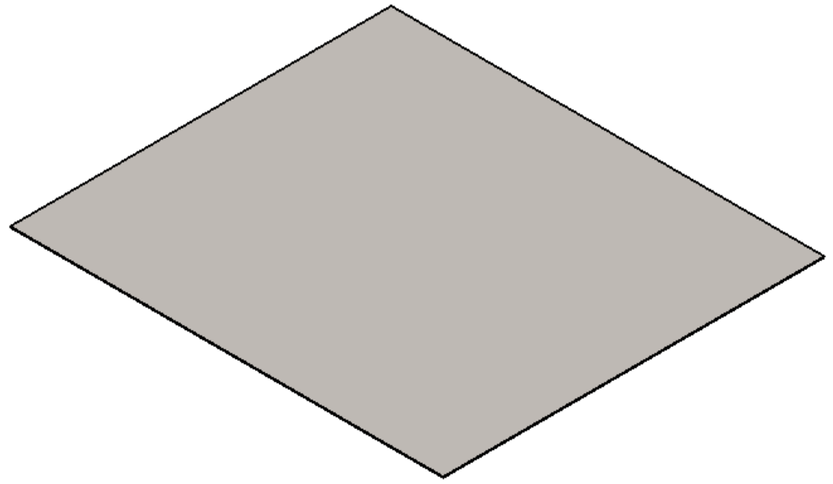


I cut the shelves from the panels off an old washing machine.

Expanded metal would have been preferrable but that's not what I had to hand.

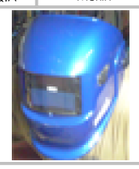
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Top Shelf	
DRAWN	Merlin	2017-01-29					
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel			DWG NO. p0070-019	A3
			WEIGHT: 1749.32			SCALE:1:5	SHEET 19 OF 30

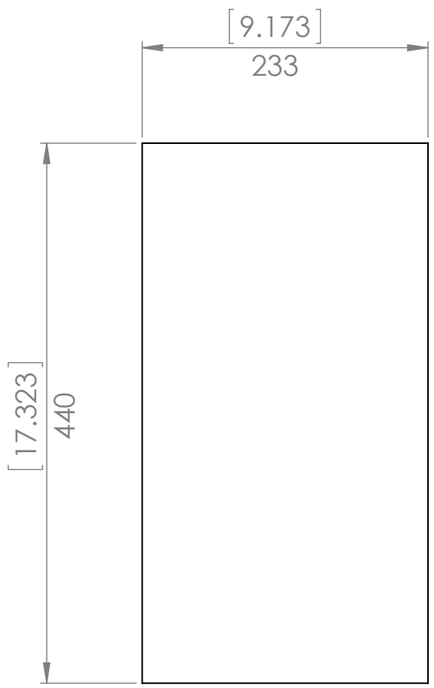


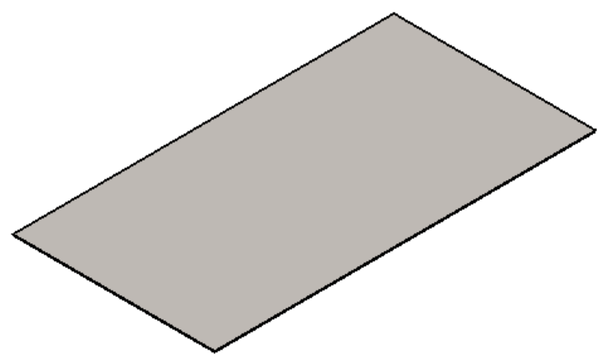


I cut the shelves from the panels off an old washing machine.

Expanded metal would have been preferrable but that's not what I had to hand.

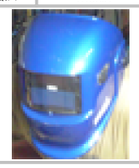
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted		DEBUR AND BREAK SHARP EDGES			DO NOT SCALE DRAWING	REVISION A
	NAME	DATE				Designed 2 Build	
DRAWN	Merlin	2017-01-29				TITLE: Top Shelf	
Q.A	Merlin	2017-01-30					
							
			MATERIAL: Plain Carbon Steel			DWG NO. p0070-020	A3
			WEIGHT: 1716.00			SCALE:1:5	SHEET 20 OF 30

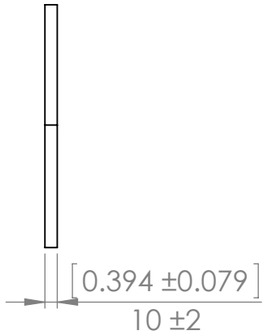


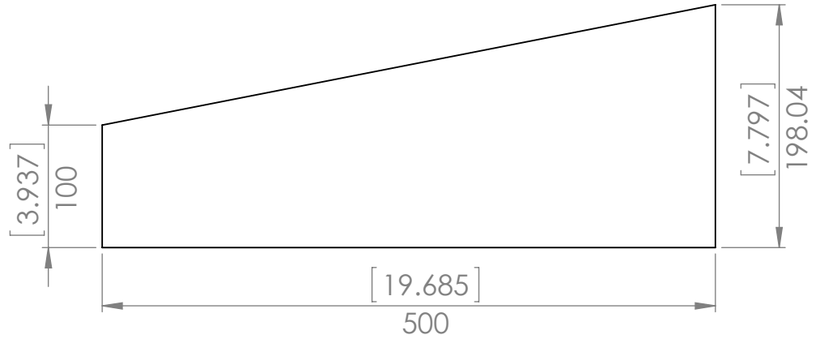


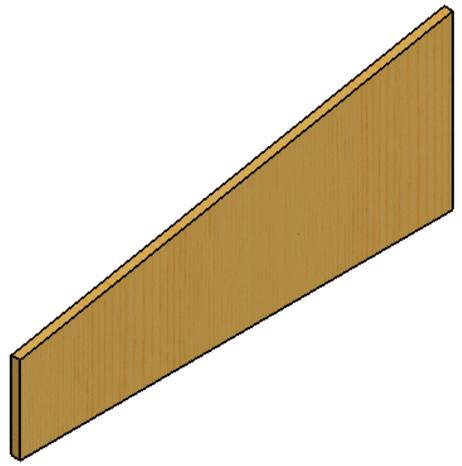
I cut the shelves from the panels off an old washing machine.

Expanded metal would have been preferrable but that's not what I had to hand.

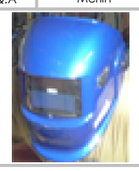
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Cylinder Floor	
DRAWN	Merlin	2017-01-29					
Q.A	Merlin	2017-01-30					
							
						MATERIAL: Plain Carbon Steel	DWG NO. p0070-021 A3
						WEIGHT: 799.66	SCALE:1:5 SHEET 21 OF 30

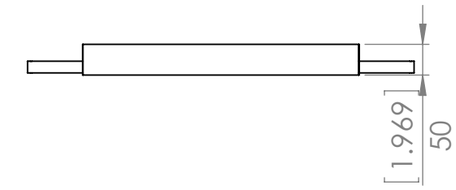


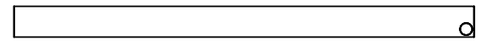


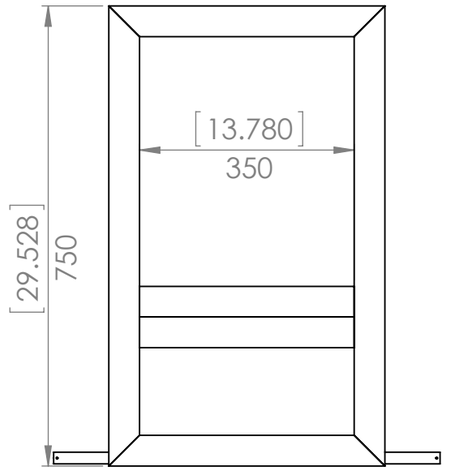


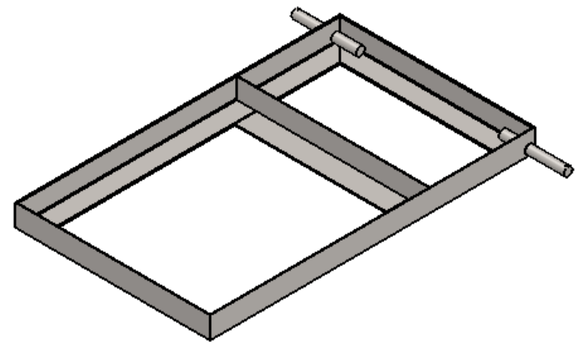
The sole reason for these is to provide somewhere to mount the hose reels I got from the local dollar shop.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build
	NAME	DATE				TITLE: Ply Side
DRAWN	Merlin	2017-01-29				
Q.A	Merlin	2017-01-30				
						
			MATERIAL: Plywood		DWG NO. p0070-022	A3
			WEIGHT: 253.33		SCALE:1:5	SHEET 22 OF 30









QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
2	p0070-003	End	Plain Carbon Steel	957.24
1	p0070-001	Bottom Side 1	Plain Carbon Steel	1628.78
1	p0070-002	Bottom Side 2	Plain Carbon Steel	1628.83
1	p0070-004	Cross Member	Plain Carbon Steel	895.47
1	p0070-018	Floor Support	Plain Carbon Steel	409.50
2	p0070-012	Axel	Plain Carbon Steel	345.02

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
LINEAR: +/- 1mm
ANGULAR: +/- 1degree

FINISH: Painted

DEBUR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING

REVISION A

Designed 2 Build

	NAME	DATE
DRAWN	Merlin	2017-01-12
Q.A	Merlin	2017-01-30

TITLE:

Base Frame

MATERIAL: Assembly

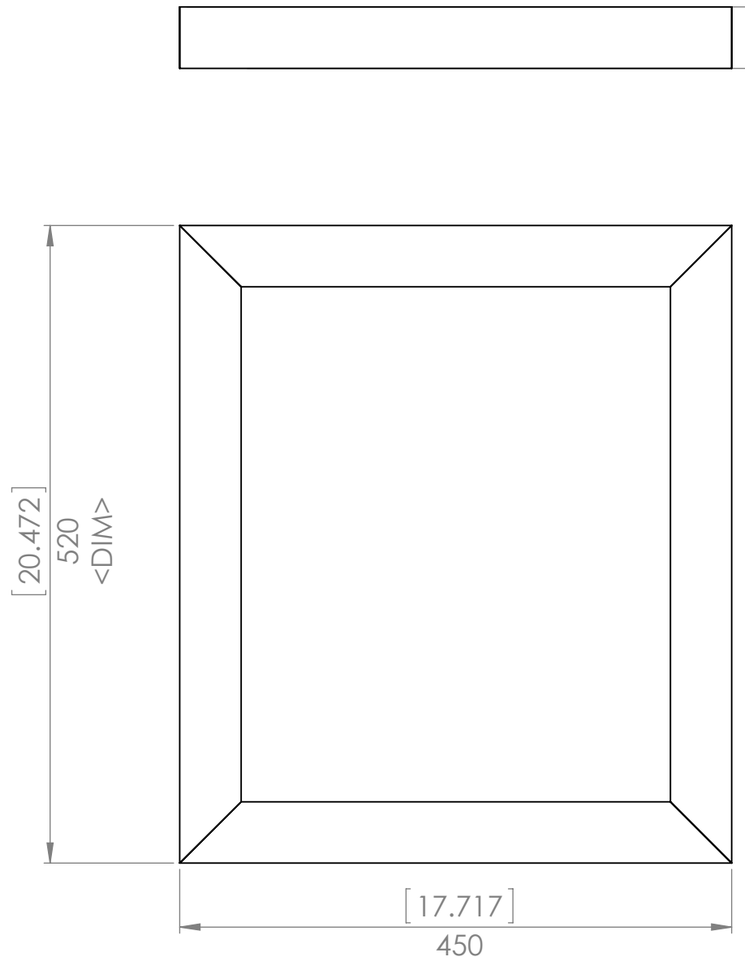
DWG NO. p0070-A01

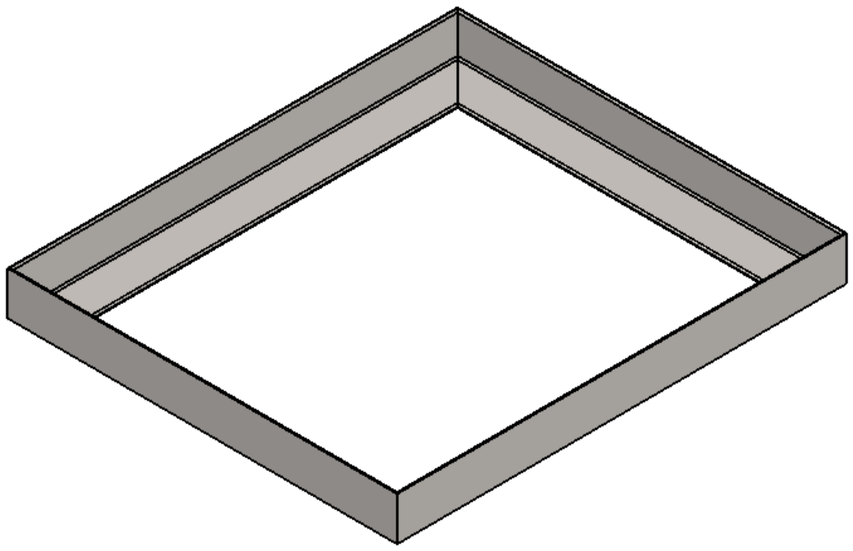
A3

WEIGHT: 7167.08

SCALE:1:10

SHEET 23 OF 30





QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
2	p0070-003	End	Plain Carbon Steel	957.24
2	p0070-005	Top Side	Plain Carbon Steel	1115.00

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
LINEAR: +/- 1mm
ANGULAR: +/- 1degree

FINISH: Painted

DEBUR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING

REVISION A

Designed 2 Build

	NAME	DATE
DRAWN	Merlin	2017-01-12
Q.A	Merlin	2017-01-30

TITLE:

Top shelf frame

MATERIAL: Assembly

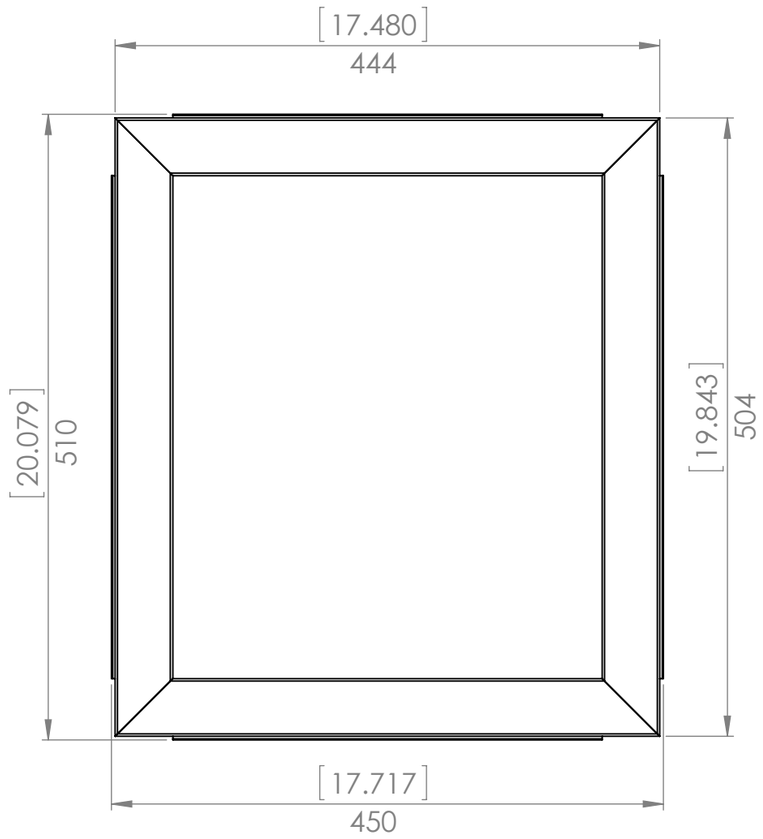
DWG NO. p0070-A02

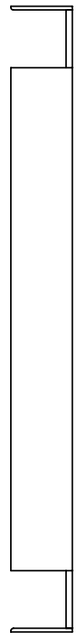
A3

WEIGHT: 4144.47

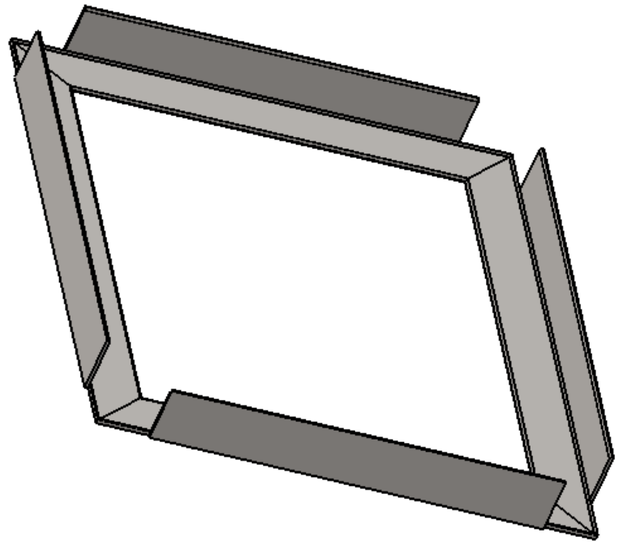
SCALE:1:5

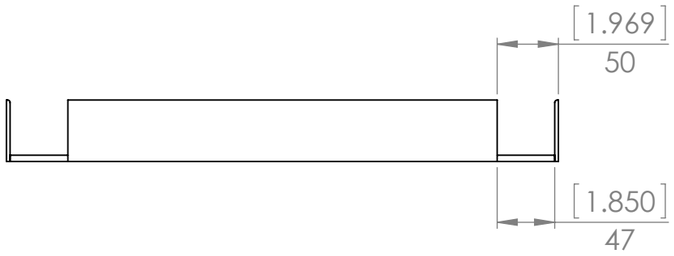
SHEET 24 OF 30



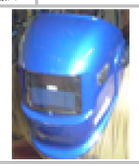


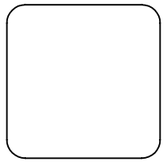
Another part which could be greatly simplified if you want to. I did it this way because, as I have said, part of the reason behind this design is to get welding practice.

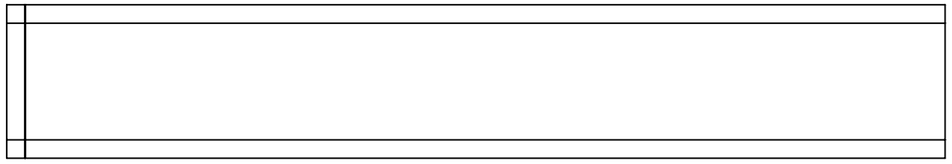


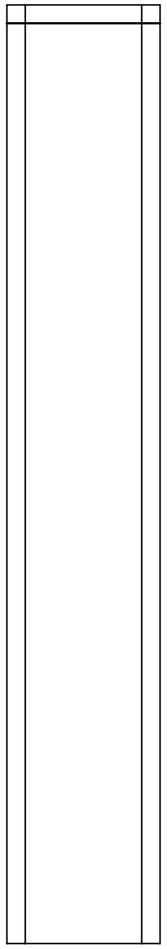


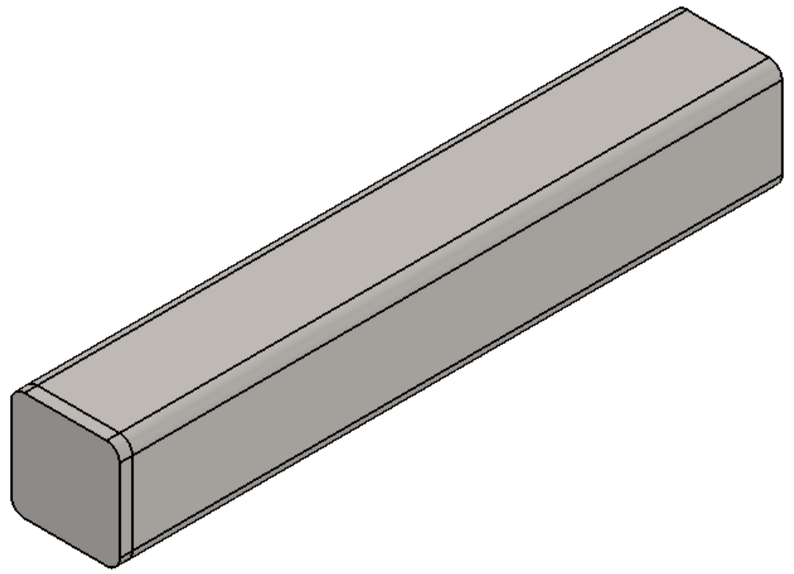
QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
2	p0070-007	Shelf End	Plain Carbon Steel	844.40
2	p0070-006	Shelf Side	Plain Carbon Steel	980.18

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION A
	NAME	DATE				Designed 2 Build
DRAWN	Merlin	2017-01-12				TITLE: Middle Shelf Frame
Q.A	Merlin	2017-01-30				
					MATERIAL: Assembly	DWG NO. p0070-A03 / A3
					WEIGHT: 3649.16	SCALE:1:5 / SHEET 25 OF 30

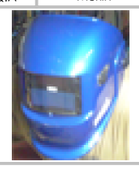


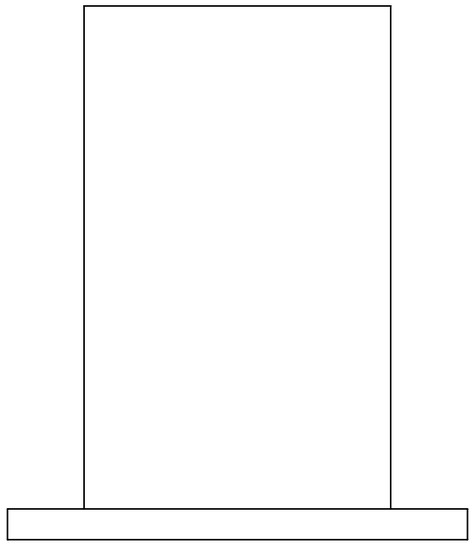


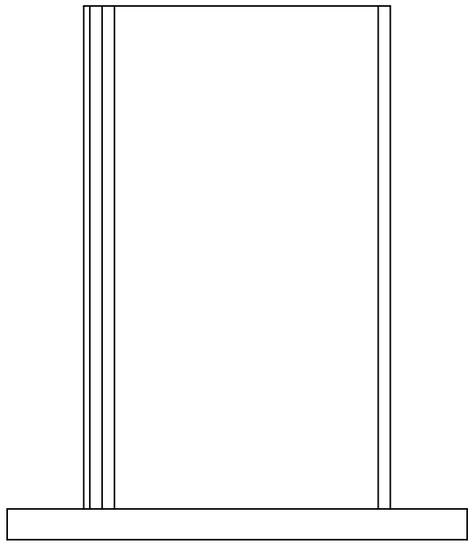


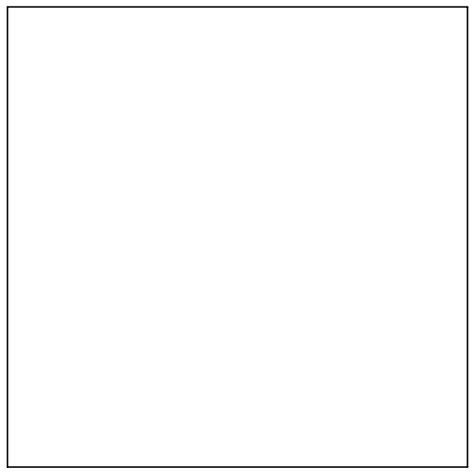


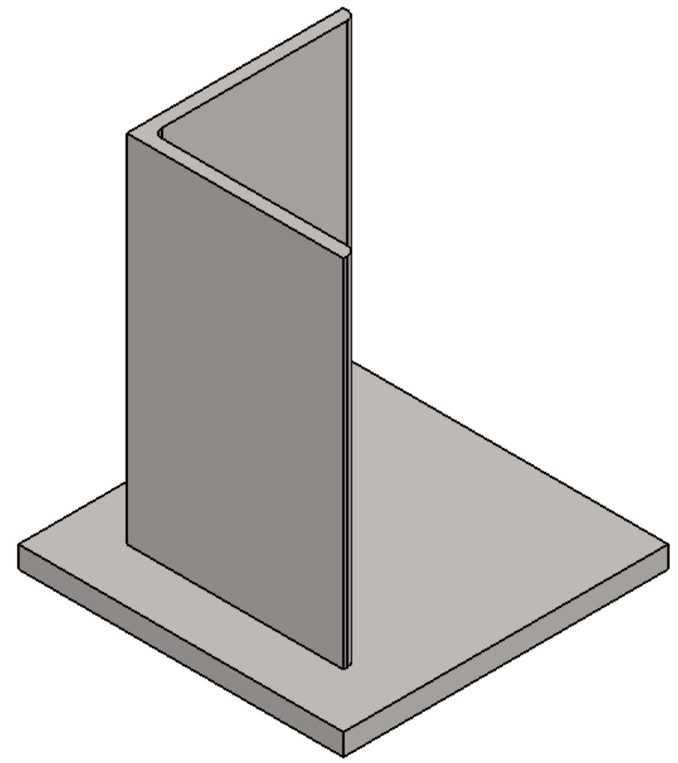
QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	p0070-015	Handle	Plain Carbon Steel	299.84
1	p0070-016	Handle End Cap	Plain Carbon Steel	14.44

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree	FINISH: Painted		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION A
					Designed 2 Build	
	NAME	DATE			TITLE:	
DRAWN	Merlin	2017-01-12 nted			Handle	
Q.A	Merlin	2017-01-30				
		nted nted 2017-01-12				
			MATERIAL: Assembly		DWG NO. p0070-A04	A3
			WEIGHT: 314.29		SCALE:1:1	SHEET 26 OF 30









QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	p0070-014	Foot	Plain Carbon Steel	219.37
1	p0070-013	Leg	Plain Carbon Steel	185.57

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
LINEAR: +/- 1mm
ANGULAR: +/- 1degree

FINISH: Painted

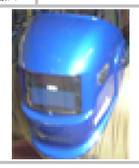
DEBUR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING

REVISION A

Designed 2 Build

	NAME	DATE
DRAWN	Merlin	2017-01-12
Q.A	Merlin	2017-01-30



TITLE:

Leg Assem

MATERIAL: Assembly

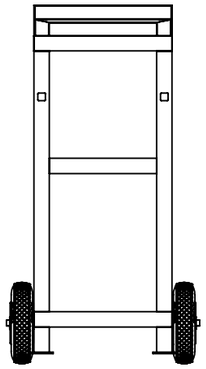
DWG NO. p0070-A005

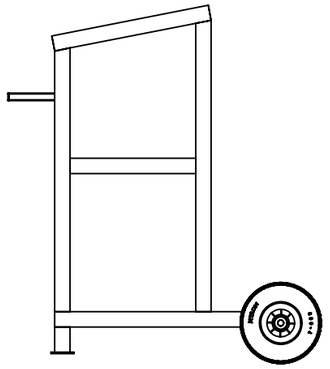
A3

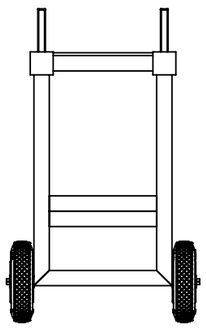
WEIGHT: 404.95

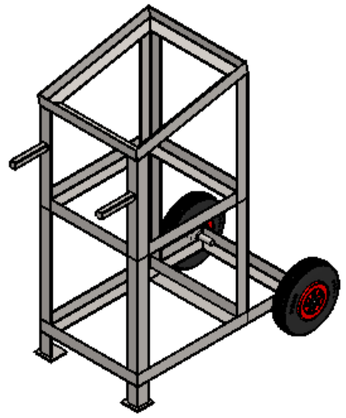
SCALE:1:1

SHEET 27 OF 30









QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	p0070-A01	Base Frame	Assembly	7167.08
1	p0070-010	Vertical Long	Plain Carbon Steel	2143.95
1	p0070-011	Vertical Long 2	Plain Carbon Steel	2143.95
1	p0070-008	Vertical Short 1	Plain Carbon Steel	1927.50
1	p0070-009	Vertical Short 2	Plain Carbon Steel	1927.50
1	p0070-A02	Top shelf frame	Assembly	4144.47
1	p0070-A03	Middle Shelf Frame	Assembly	3649.16
2	p0070-A005	Leg Assem	Assembly	404.95
2	p0070-A04	Handle	Assembly	314.29
2		Wheel - 200mm (8 inch)	Assembly	3317.41

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
LINEAR: +/- 1mm
ANGULAR: +/- 1degree

FINISH: Painted

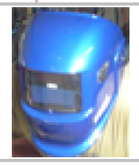
DEBUR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING

REVISION A

Designed 2 Build

	NAME	DATE
DRAWN	Merlin	2017-01-14
Q.A	Merlin	2017-01-30



TITLE:

Frame Assembly

MATERIAL: Assembly

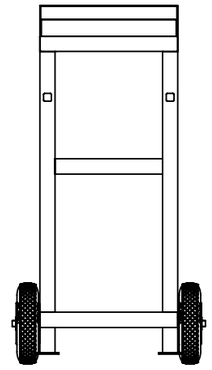
DWG NO. p0070-A006

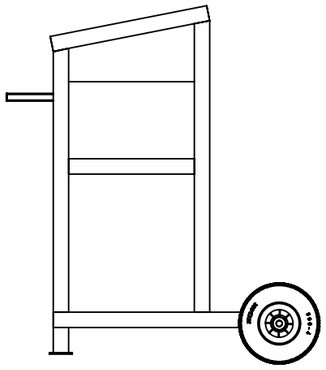
A3

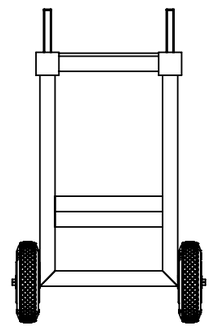
WEIGHT: 31176.92

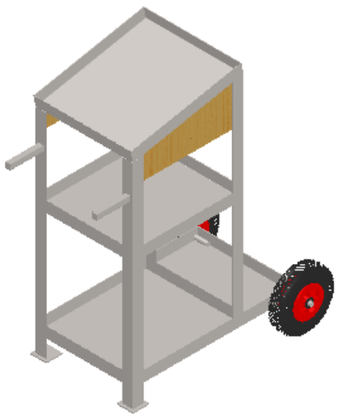
SCALE:1:20

SHEET 28 OF 30









QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	p0070-A006	Frame Assembly	Assembly	31176.92
2	p0070-022	Ply Side	Plywood	253.33
1	p0070-019	Top Shelf	Plain Carbon Steel	1749.32
2	p0070-020	Top Shelf	Plain Carbon Steel	1716.00
1	p0070-021	Cylinder Floor	Plain Carbon Steel	799.66

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
LINEAR: +/- 1mm
ANGULAR: +/- 1degree

FINISH: Painted

DEBUR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING

REVISION A

Designed 2 Build

	NAME	DATE
DRAWN	Merlin	2017-01-18
Q.A	Merlin	2017-01-30

TITLE:

Welding Cart

MATERIAL: Assembly

DWG NO. p0070-A07

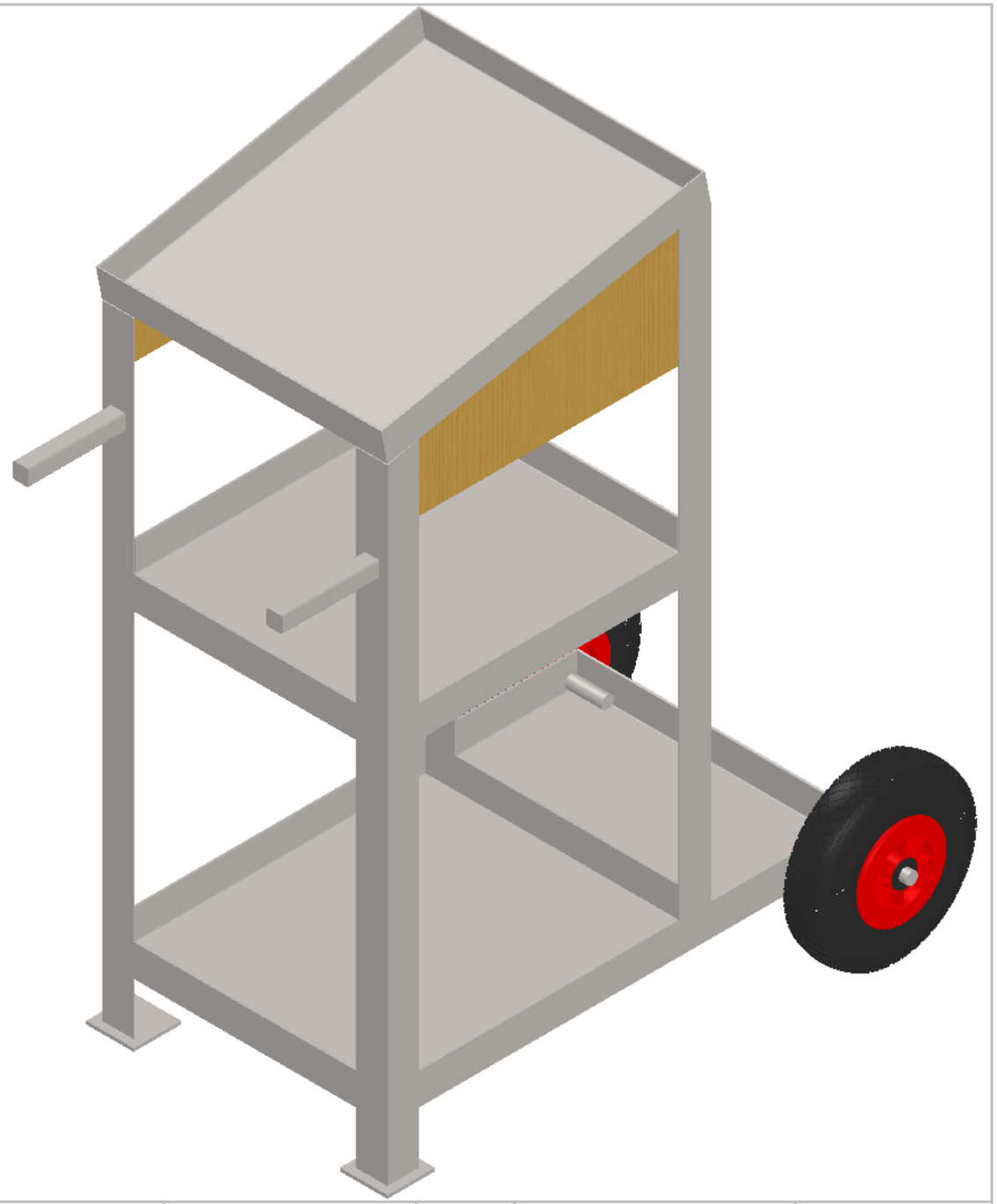
A3

WEIGHT: 37664.57

SCALE:1:20

SHEET 29 OF 30

QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
4	p0070-003	End	Plain Carbon Steel	957.24
1	p0070-001	Bottom Side 1	Plain Carbon Steel	1628.78
1	p0070-002	Bottom Side 2	Plain Carbon Steel	1628.83
1	p0070-004	Cross Member	Plain Carbon Steel	895.47
1	p0070-018	Floor Support	Plain Carbon Steel	409.50
2	p0070-012	Axel	Plain Carbon Steel	345.02
1	p0070-010	Vertical Long	Plain Carbon Steel	2143.95
1	p0070-011	Vertical Long 2	Plain Carbon Steel	2143.95
1	p0070-008	Vertical Short 1	Plain Carbon Steel	1927.50
1	p0070-009	Vertical Short 2	Plain Carbon Steel	1927.50
2	p0070-005	Top Side	Plain Carbon Steel	1115.00
2	p0070-007	Shelf End	Plain Carbon Steel	844.40
2	p0070-006	Shelf Side	Plain Carbon Steel	980.18
2	p0070-014	Foot	Plain Carbon Steel	219.37
2	p0070-013	Leg	Plain Carbon Steel	185.57
2	p0070-015	Handle	Plain Carbon Steel	299.84
2	p0070-016	Handle End Cap	Plain Carbon Steel	14.44
2	p0070-017	Wheel - 200mm (8 inch)		
2	p0070-022	Ply Side	Plywood	253.33
1	p0070-019	Top Shelf	Plain Carbon Steel	1749.32
2	p0070-020	Top Shelf	Plain Carbon Steel	1716.00
1	p0070-021	Cylinder Floor	Plain Carbon Steel	799.66



DISCLAIMER:

I have build these racks and have used them without a problem.

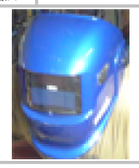
Be warned that I am not an engineer and there has been very little in the way of strength analysis done on this. It is all eyeball engineering.

I provide the plans as an example of something that has worked for me. They are provided for educational purposes only. I want to stress in the strongest possible terms that if you choose to build something from these plans then you do so entirely at your own risk.

Where the plans feature a "QA Date" this only means that I have actually built the item in the plans and completed the build on that date. It does **NOT** mean that the design passed any form of quality assurance.

I have no control of the quality of construction nor the modifications you may make to the design. I take no responsibility for anything you choose to do with these plans.

If you do not fully understand everything above or if you do not fully agree with it then DO NOT USE THESE PLANS.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		FINISH: Painted		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION A
						Designed 2 Build	
	NAME	DATE				TITLE: Welding Cart	
DRAWN	Merlin	2017-01-18					
Q.A	Merlin	2017-01-30					
							
				MATERIAL: Assembly		DWG NO. p0070-A07	A3
				WEIGHT: 37664.57		SCALE:1:6	SHEET 30 OF 30