DISCLAIMER:

I have built this item and have used it.

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.

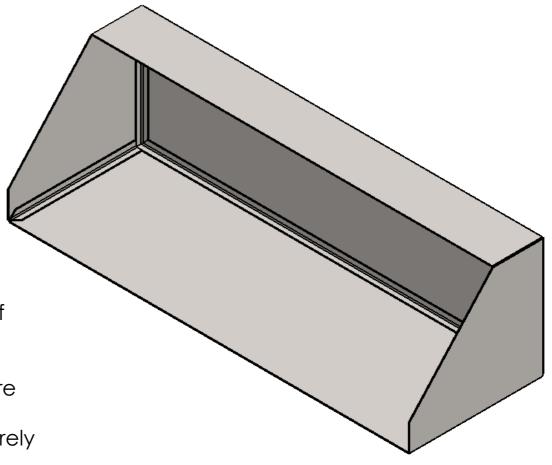
Where the plans feature a "QA Date" this only means that I have actually built the item in the plans and completed the build on that date. It does **NOT** mean that the design passed any form of quality assurance.

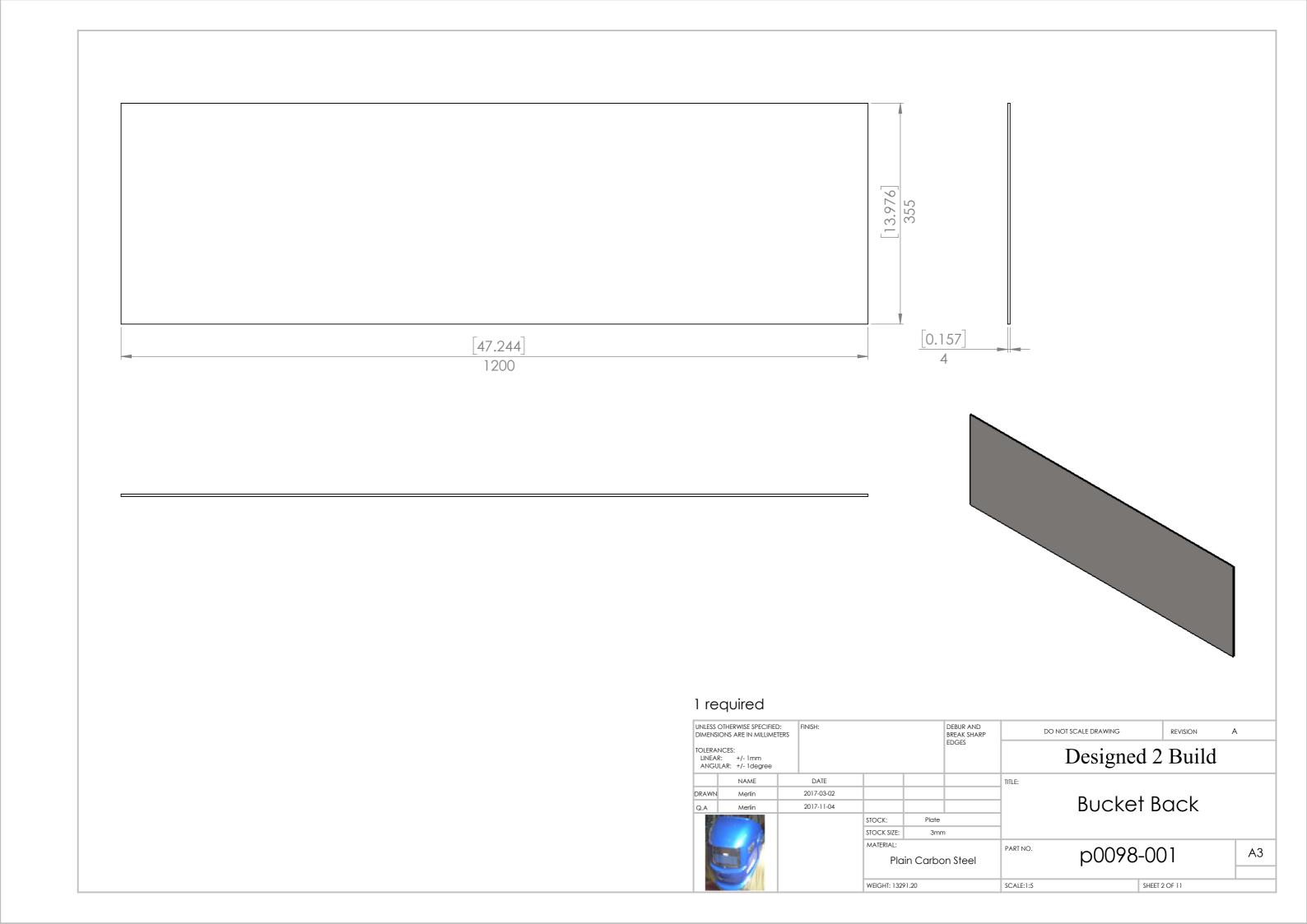
I have no control of the quality of construction nor the modifications you may make to the design. I take no responsibility for anything you choose to do with these plans.

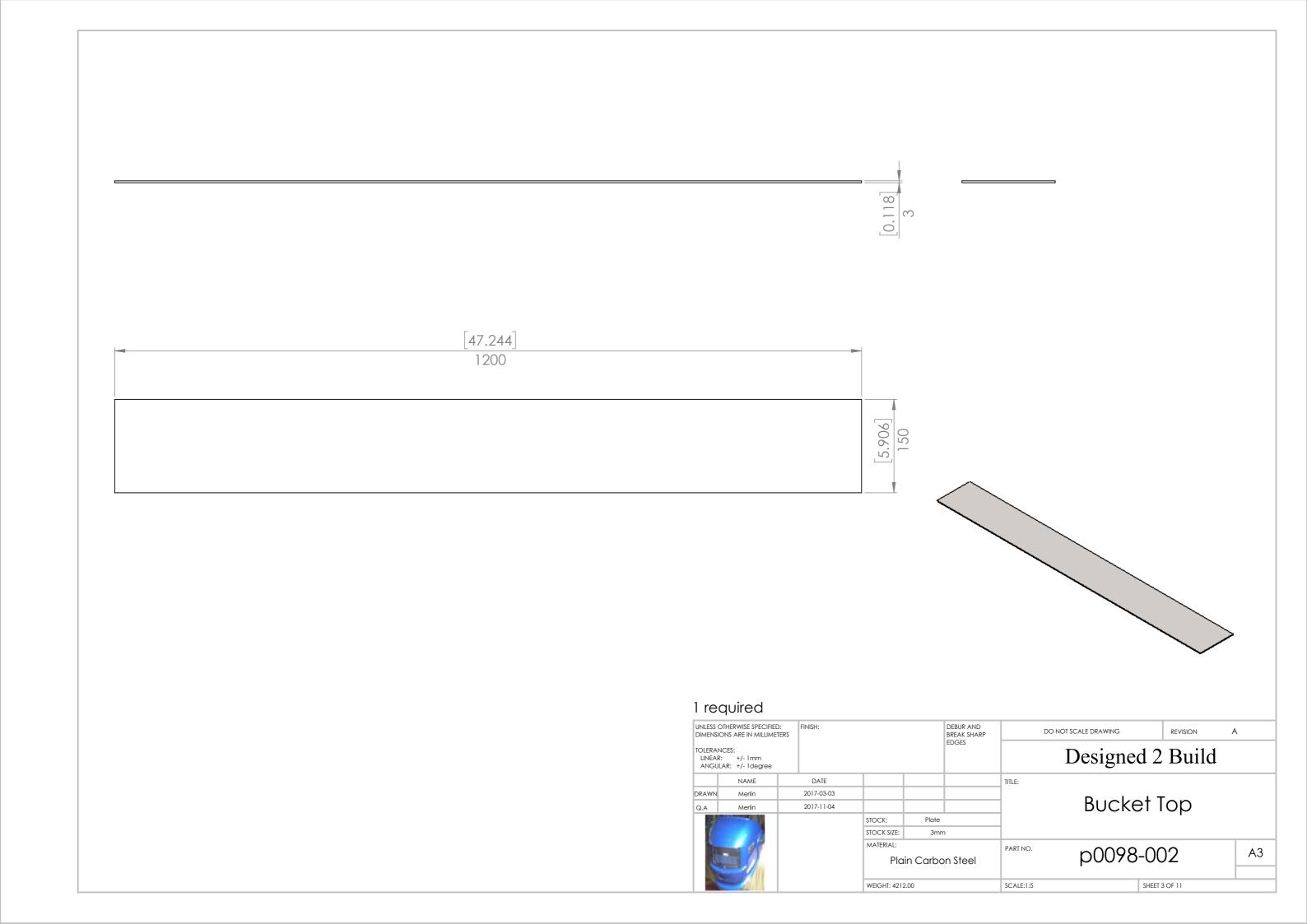
If you do not fully understand everything above or if you do not fully agree with it then DO NOT USE THESE PLANS.

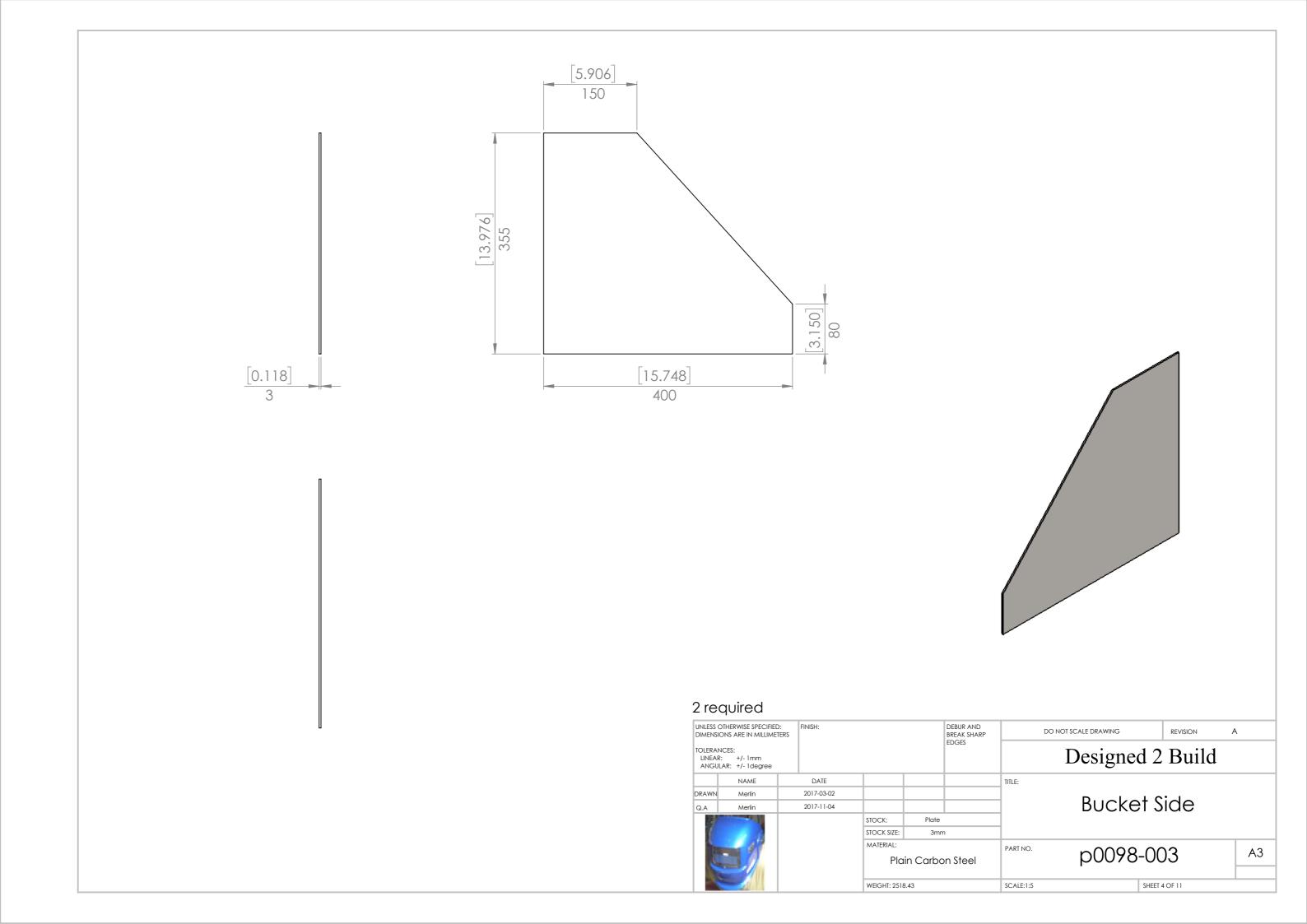
QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	p0098-001	Bucket Back	Plain Carbon Steel	13291.20
1	p0098-002	Bucket Top	Plain Carbon Steel	4212.00
2	p0098-003	Bucket Side	Plain Carbon Steel	2518.43
1	p0098-004	Bucket Floor	Plain Carbon Steel	14976.00
2	p0098-005	Cross Brace	Plain Carbon Steel	1046.37
2	p0098-006	Vertical Brace	Plain Carbon Steel	302.04
2	p0098-007	Bottom Brace	Plain Carbon Steel	325.38
2	p0098-008	Top Brace	Plain Carbon Steel	105.16

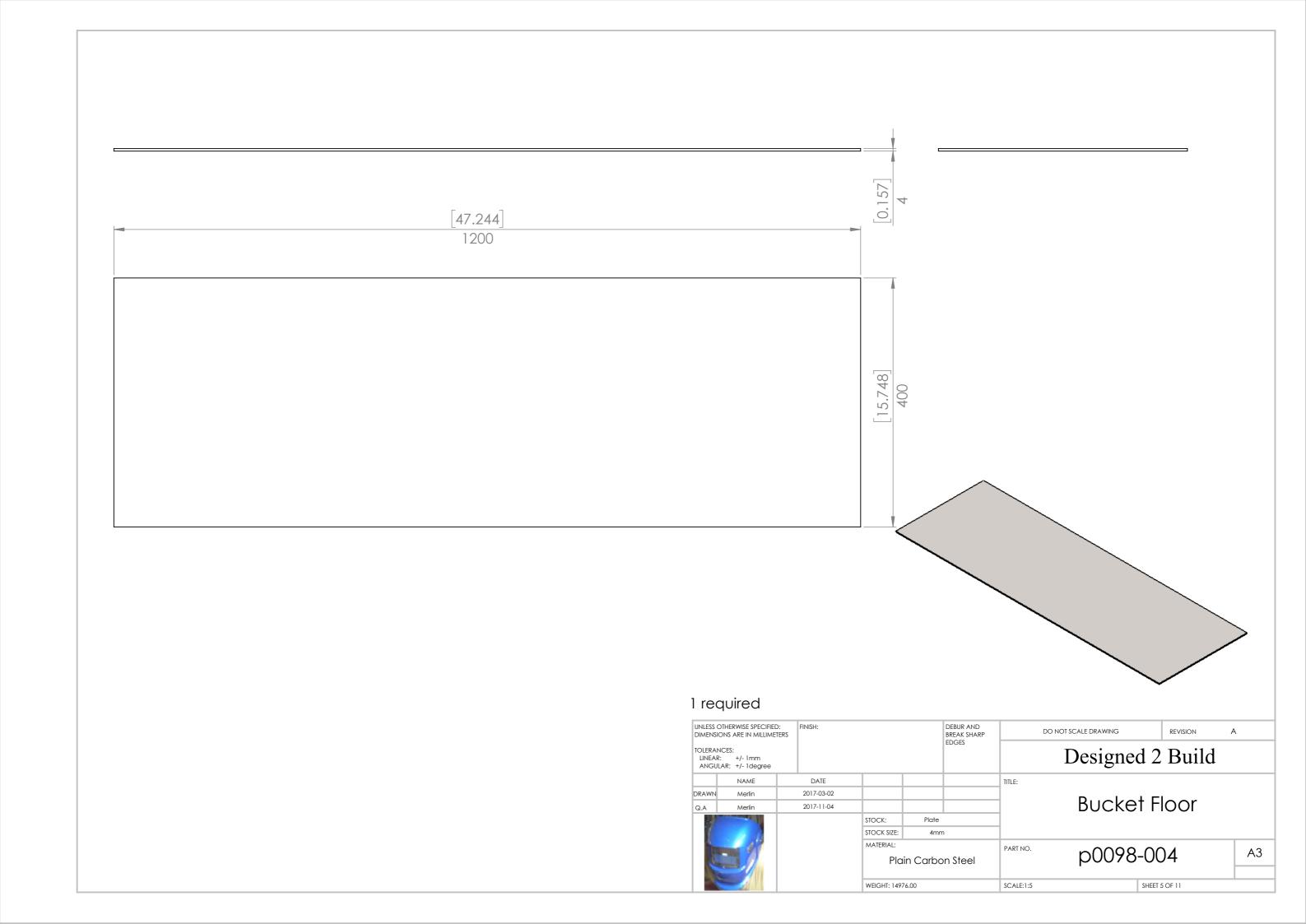
	ESS OTHERWISE SPECIFIED: FINISH: LENSIONS ARE IN MILLIMETERS		NISH:			DO NOT SCALE DRAWING REVISION A				
	ICES: : +/- 1mm AR: +/- 1degree	+/- 1mm		EDGES "		Designed 2 Build				
	NAME	DATE				TITLE:				
DRAWN	Merlin	2017-03-02				FEL Bucket				
Q.A	Merlin	2017-11-04								
100	-		STOCK:							
- 1	10		STOCK SIZE:							
	= 91		MATERIAL:	Assem	bly	PART NO.	p00	98	A3	
					•		•			
			WEIGHT: 410	73.96		SCALE:1:8 SHEET 1 OF 11				

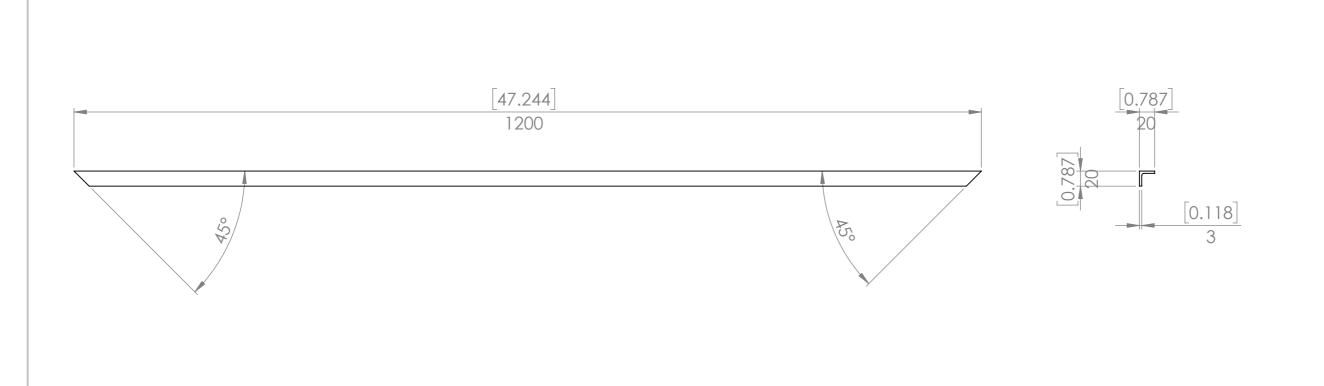


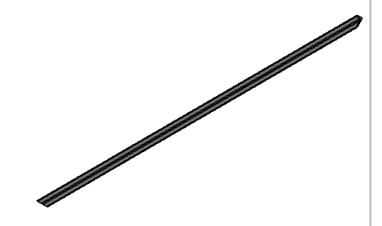






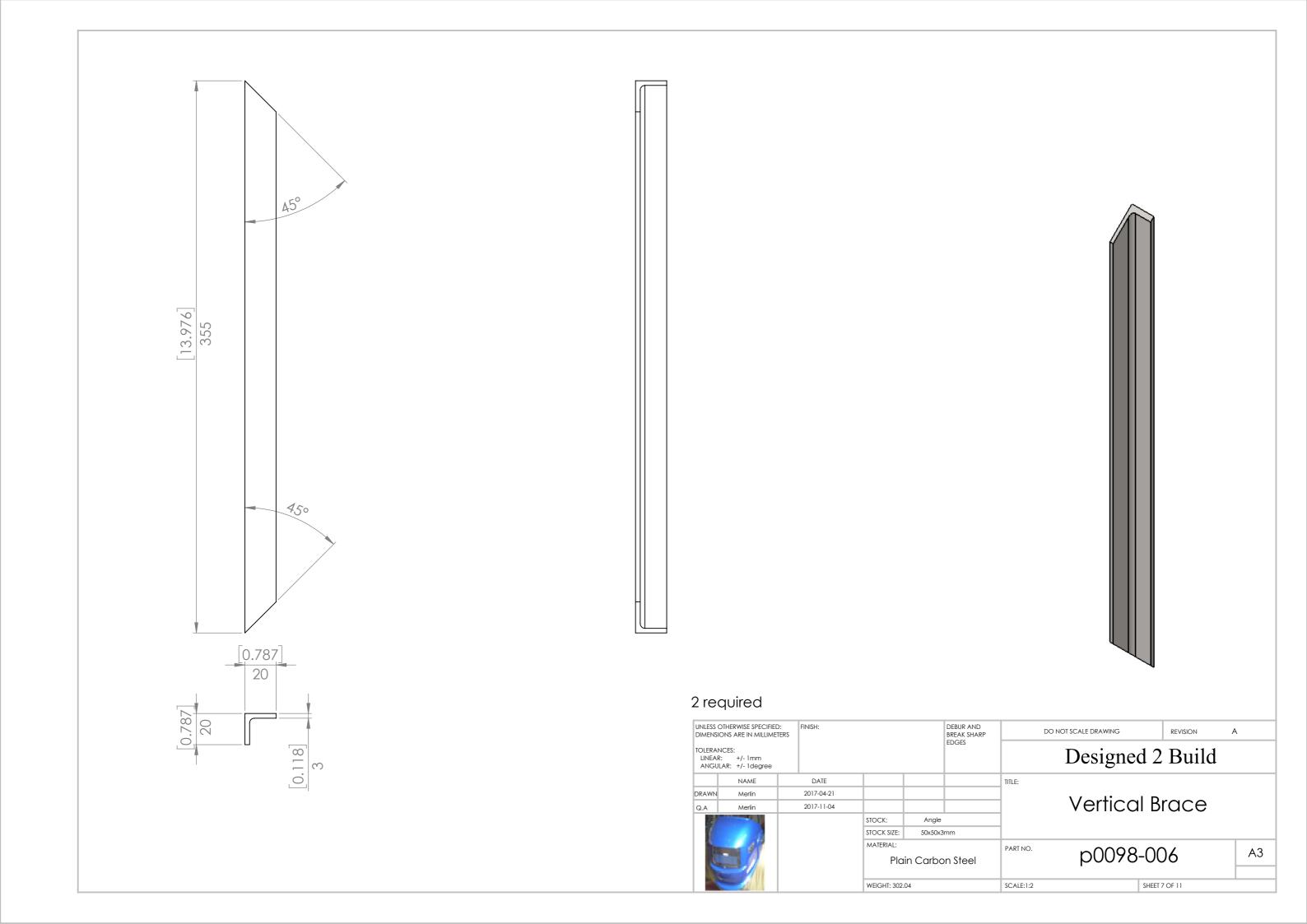


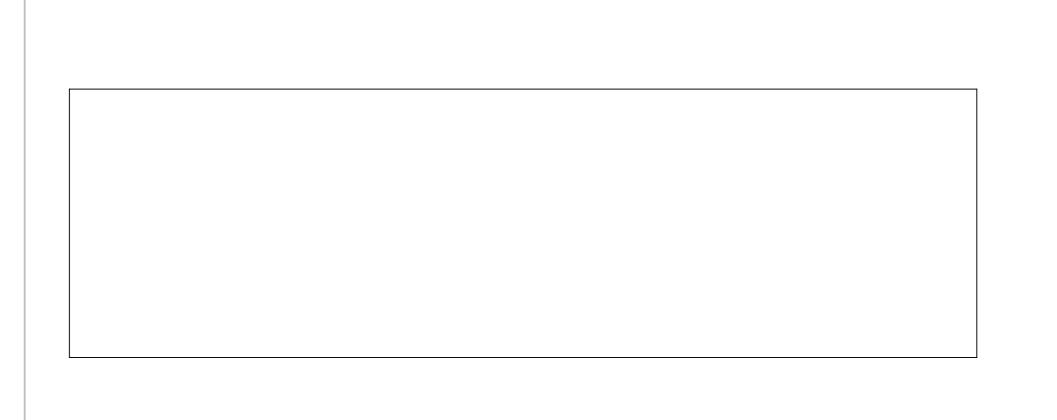


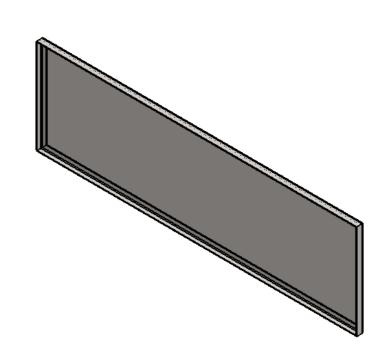


2 required

UNLESS OTHERWISE SPECIFIED: FINISH: DIMENSIONS ARE IN MILLIMETERS				DEBUR AND BREAK SHARP EDGES	DO I	NOT SCALE DRAWING	REVISION	Α					
TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree					Designed 2 Build								
	NAME		DATE				TITLE:						
DRAWN	Merlin		2017-04-21					0 0					
Q.A	Merlin		2017-11-04				Cross Brace						
				STOCK:	Angle								
- 7				STOCK SIZE:	50x50x3	3mm							
()			MATERIAL:	MATERIAL: Plain Carbon		PART NO.	part no. p0098-005		A3				
				WEIGHT: 1046	5.37		SCALE:1:5		SHEET 6 OF 11				







DO NOT SCALE DRAWING

REVISION

А3

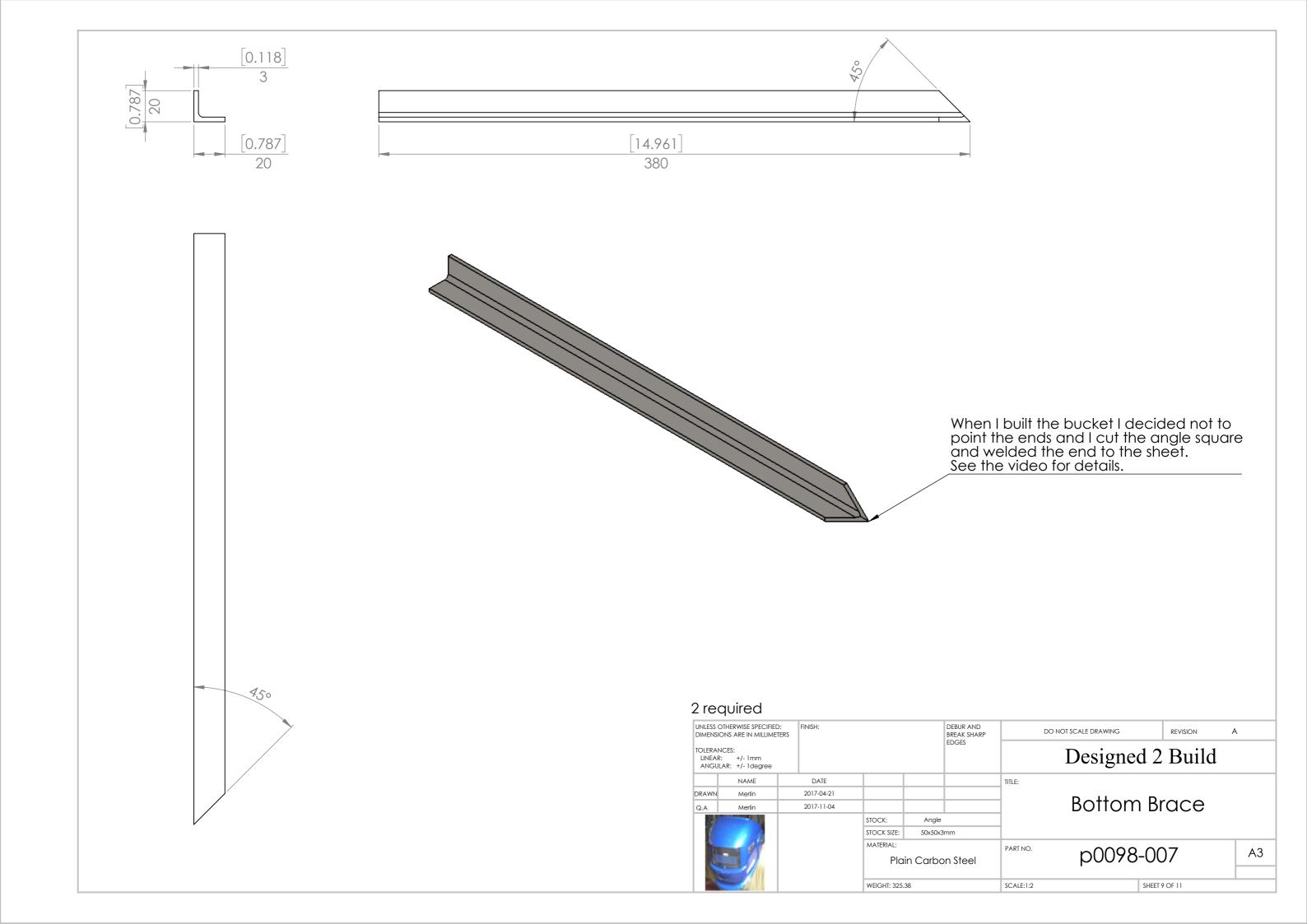
DEBUR AND BREAK SHARP EDGES

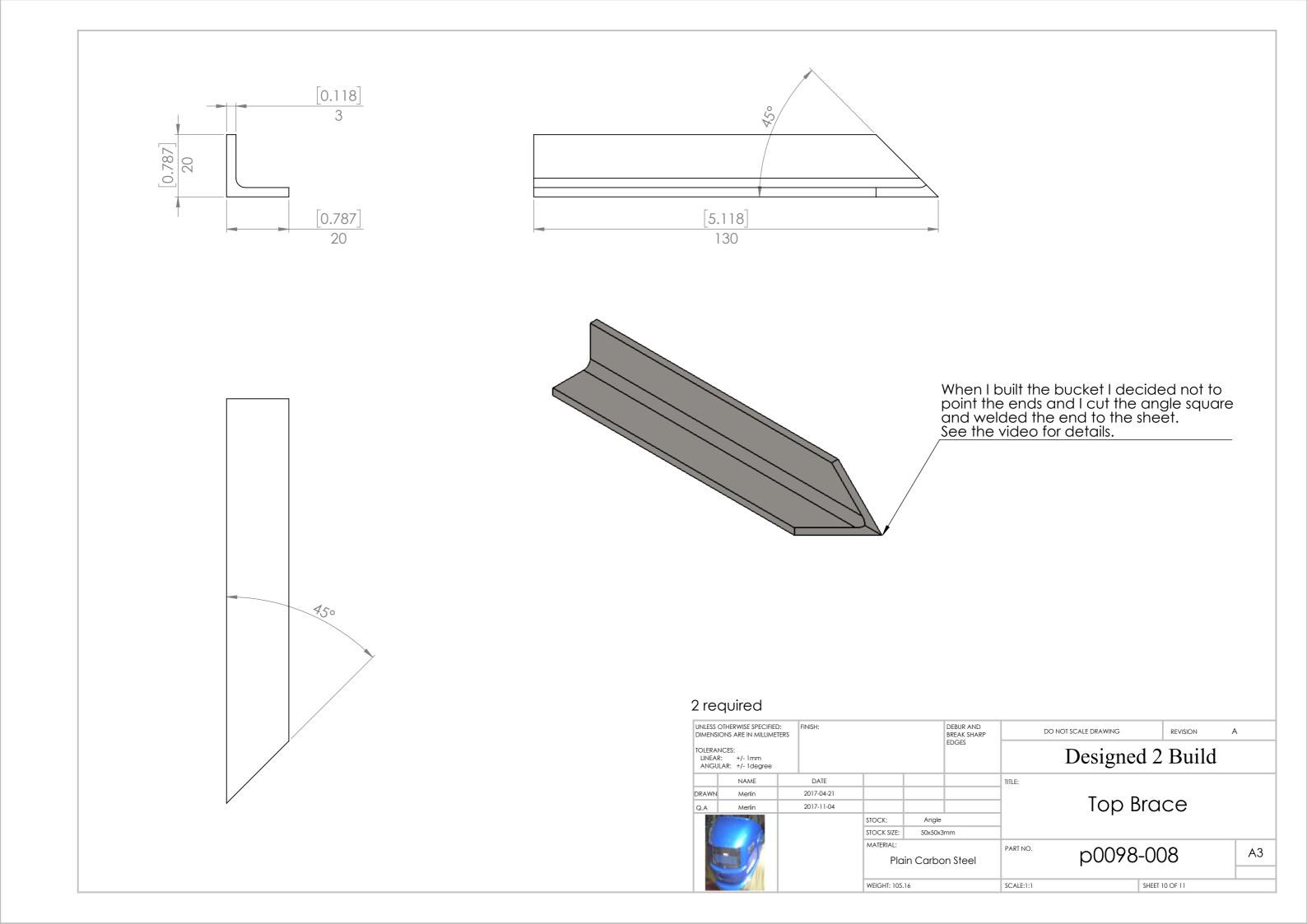
1 required

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS

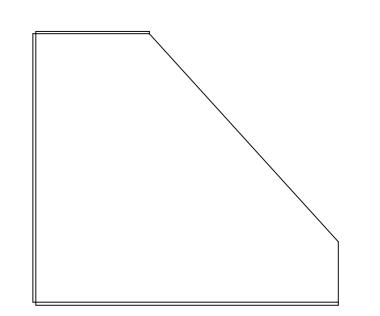
					TOLERANG LINEAR: ANGUL			Bare		EDGES		Designe	d 2 Build
						NAME	DATE				TITLE:		
					DRAWN	Merlin	2017-03-02					Darak Dr	ام بم م ماء ال
QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT	Q.A	Merlin	2017-11-04	STOCK:				Back Bu	Jikneda
1	p0098-001	Bucket Back	Plain Carbon Steel	13291.20		1.6		STOCK SIZE:					
2	p0098-005	Cross Brace	Plain Carbon Steel	1046.37	1	37		MATERIAL:	Assemb	oly	PART NO.	p0097	-A01
2	p0098-006	Vertical Brace	Plain Carbon Steel	302.04				WEIGHT: 1598	38.03		SCALE:1:5		SHEET 8 OF 11

QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	p0098-001	Bucket Back	Plain Carbon Steel	13291.20
2	p0098-005	Cross Brace	Plain Carbon Steel	1046.37
2	p0098-006	Vertical Brace	Plain Carbon Steel	302.04

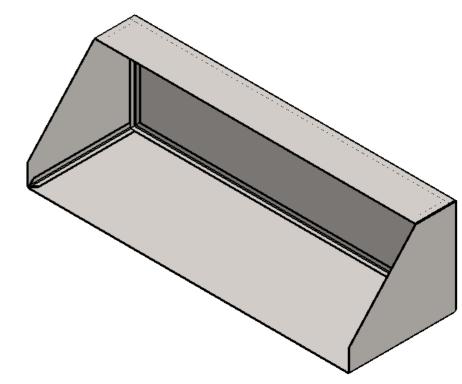












1 required

QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	p0098-002	Bucket Top	Plain Carbon Steel	4212.00
2	p0098-003	Bucket Side	Plain Carbon Steel	2518.43
1	p0098-004	Bucket Floor	Plain Carbon Steel	14976.00
2	p0098-007	Bottom Brace	Plain Carbon Steel	325.38
2	p0098-008	Top Brace	Plain Carbon Steel	105.16
1	p0097-A01	Back Bulkhead	Assembly	15988.03

	UNLESS OTHERWISE SPECIFIED: FINISH: DIMENSIONS ARE IN MILLIMETERS			DEBUR AND BREAK SHARP EDGES		DO NO	Α				
TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree			Paint			Designed 2 Build					
	NAME	DATE				TITLE:					
DRAWN	Merlin	2017-03-	02			FEL Bucket					
Q.A	Merlin	2017-11-	04								
	-		STOCK:								
1			STOCK SIZE	:							
E			MATERIAL;	Assem	bly	part no. p0098		98	A3		
			WEIGHT: 41	073.96		SCALE:1:5		SHEET 11 OF 11			