

# Implementing employment intensive road works

A **cidb** practice manual

Contributing to contractor development in job creation

## WORKSHOP DRAWINGS

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cidb is a public entity established in terms of the CIDB Act, 2000 to provide strategic direction for sustainable growth, reform and improvement of the construction sector and its enhanced role in the country's economy. In pursuit of this aim cidb partners with stakeholders and regulates the construction industry around a common development agenda underpinned by best practice procurement and project processes.

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### **Construction Industry Development Board**

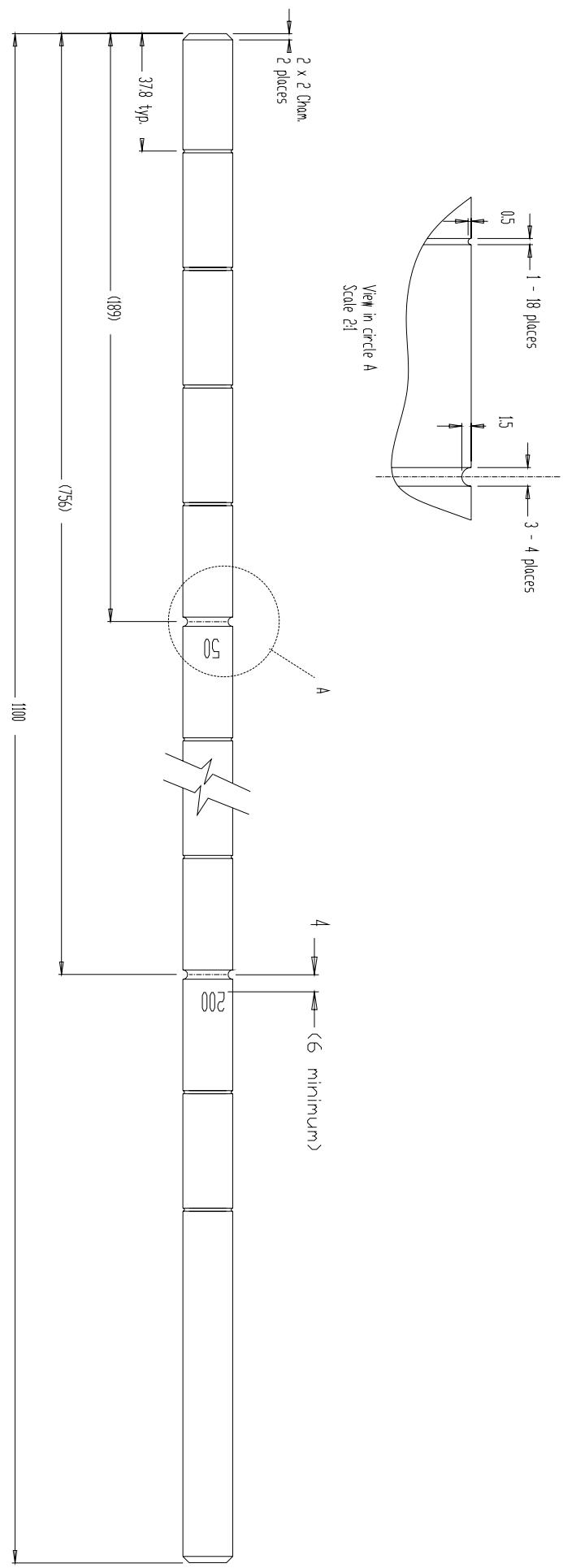
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# INTRODUCTION to workshop drawings

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		LIC 002			LIC 007
		LIC 003			LIC 008
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	Module 4	LIC 002			LIC 007
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		LIC 031			
	Module 5.2	LIC 001			
		LIC 002			
		LIC 004			
		LIC 005			
		LIC 009			
		LIC 031			



## Workshop drawing LIC 001

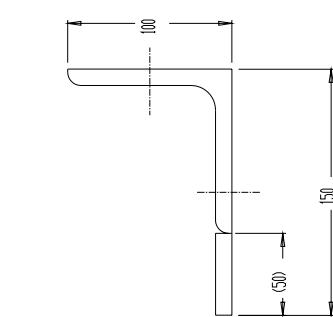
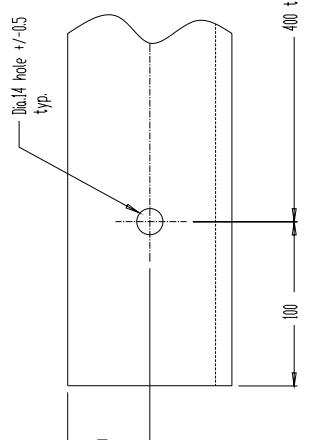
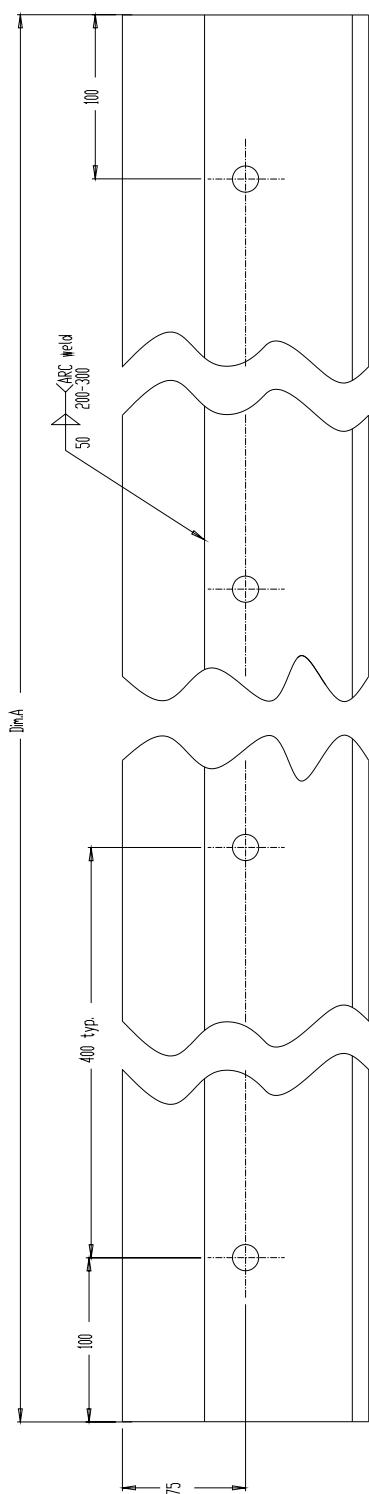


Letters to be clearly stamped 50 / 100 / 150 / 2000 at intervals of 189mm. Letter height to be 6mm min.

General tolerance +/-1mm unless otherwise stated.

PROJECT	- 59C2012	DESCRIPTION	- Dipstick 220 litre			
DRAWN	A CRAWFORD	SIZE	DWG NO.	IC001	REV	
		A3				
		SCALE	M.T.S.	DATE	- Dec05	SHEET

# Workshop drawing LIC 002



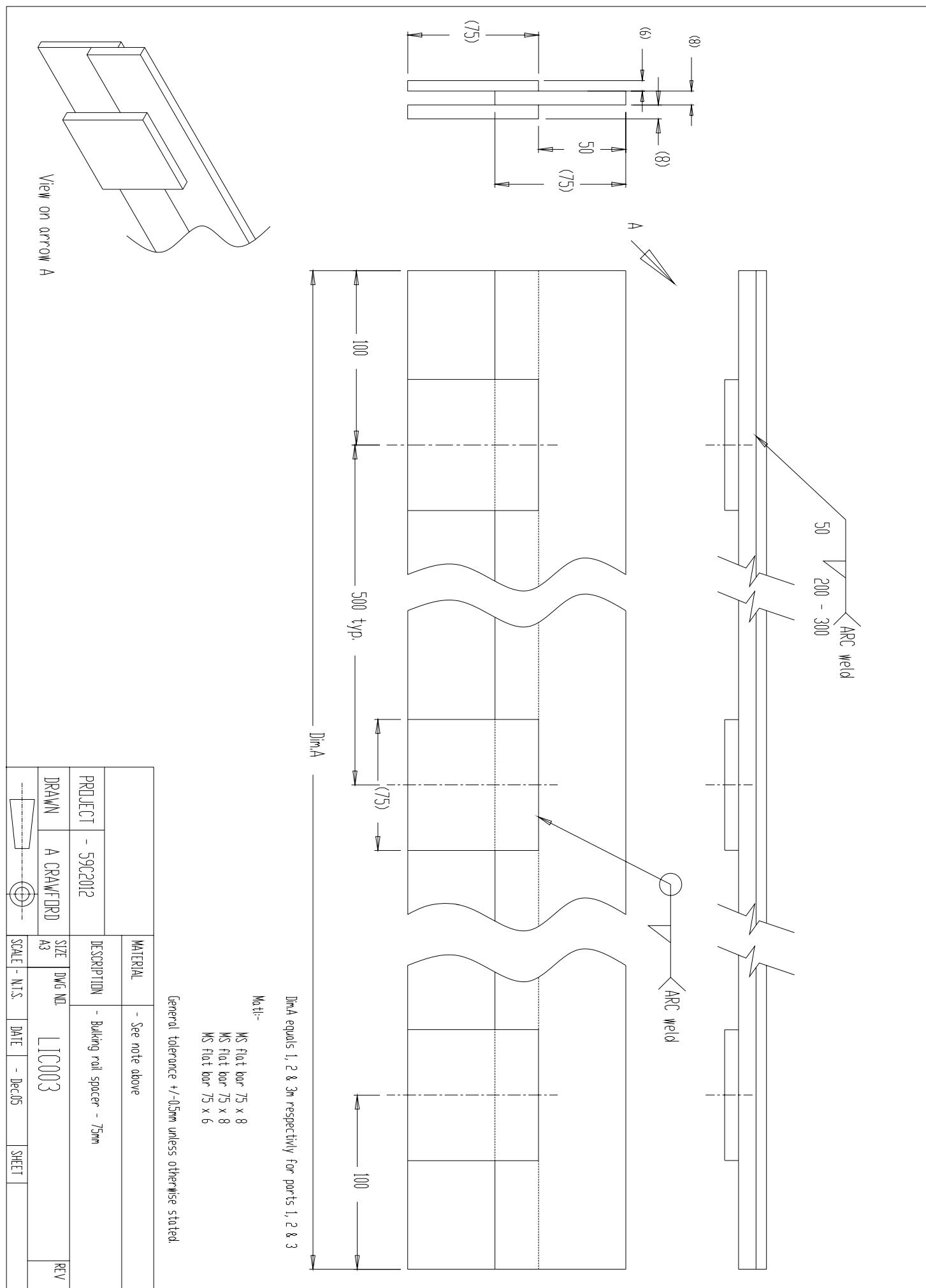
Dim A equals 1, 2 & 3m respectively for parts 1 2 & 3

Notes:-  
MS Angle iron 100 x 100 x 8  
MS Flat bar 50 x 8

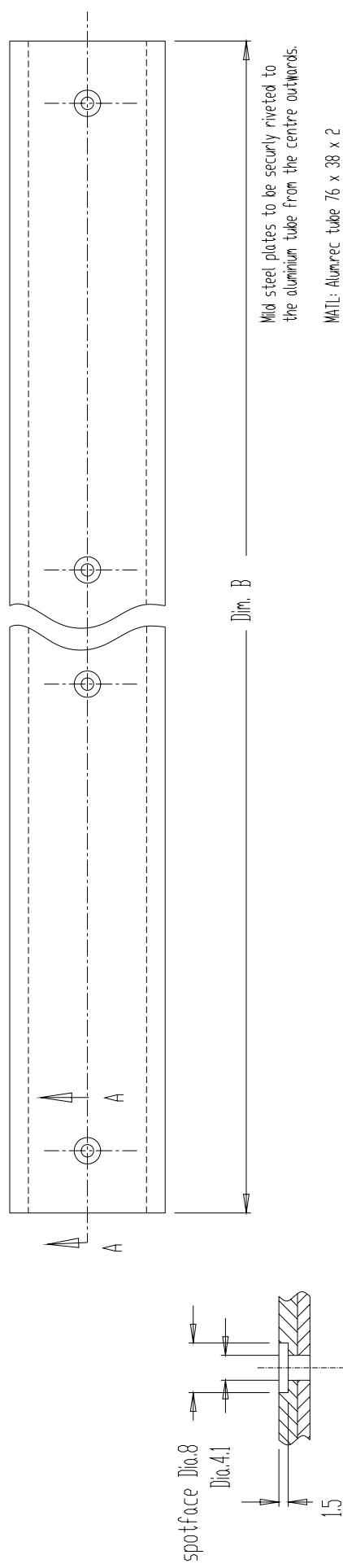
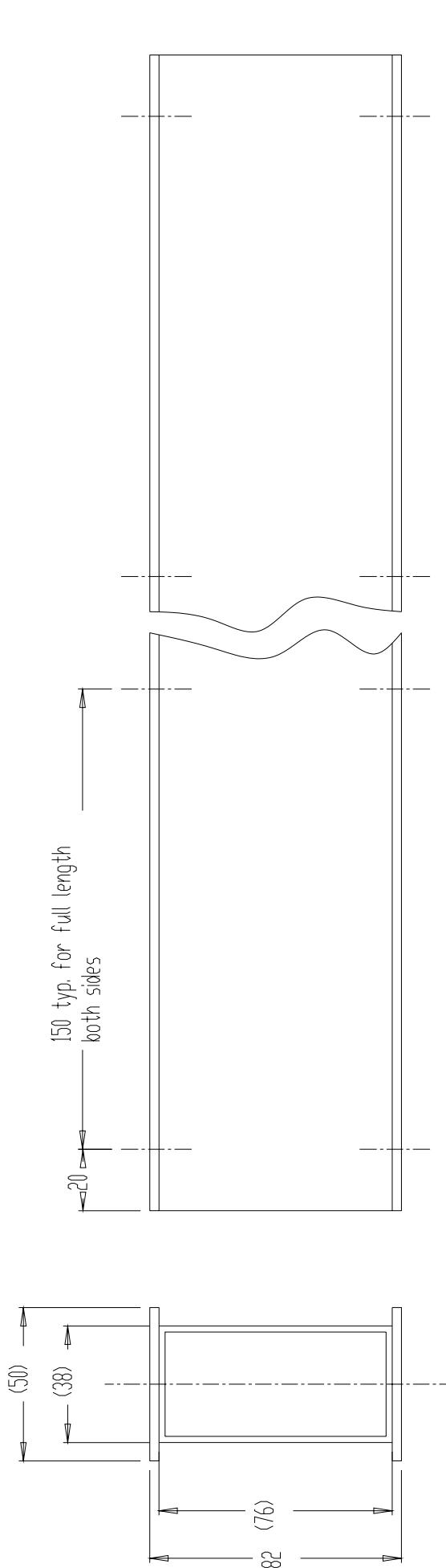
General tolerance +/-2mm unless otherwise stated.

MATERIAL		- See notes above	
PROJECT	- 5902012	DESCRIPTION	- Shutter
DRAWN	A CRAWFORD	SIZE	DWG NO.
		A3	LIC002
		SCALE - M.I.S.	DATE - Dec05
		SHEET	REV

## Workshop drawing LIC 003



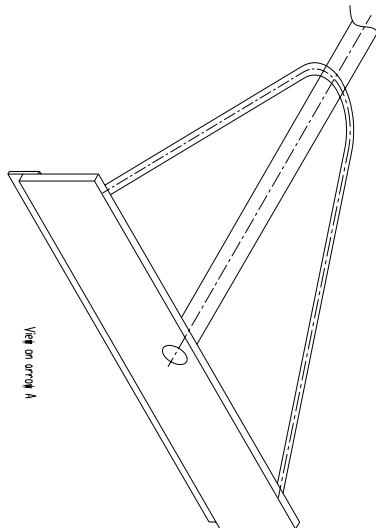
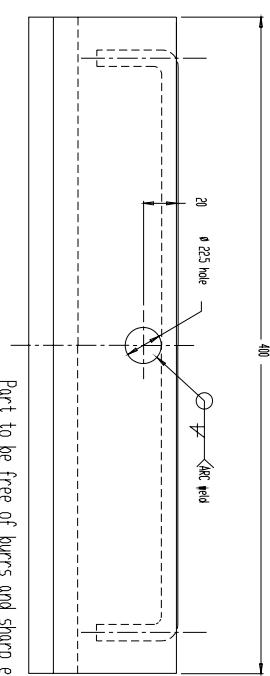
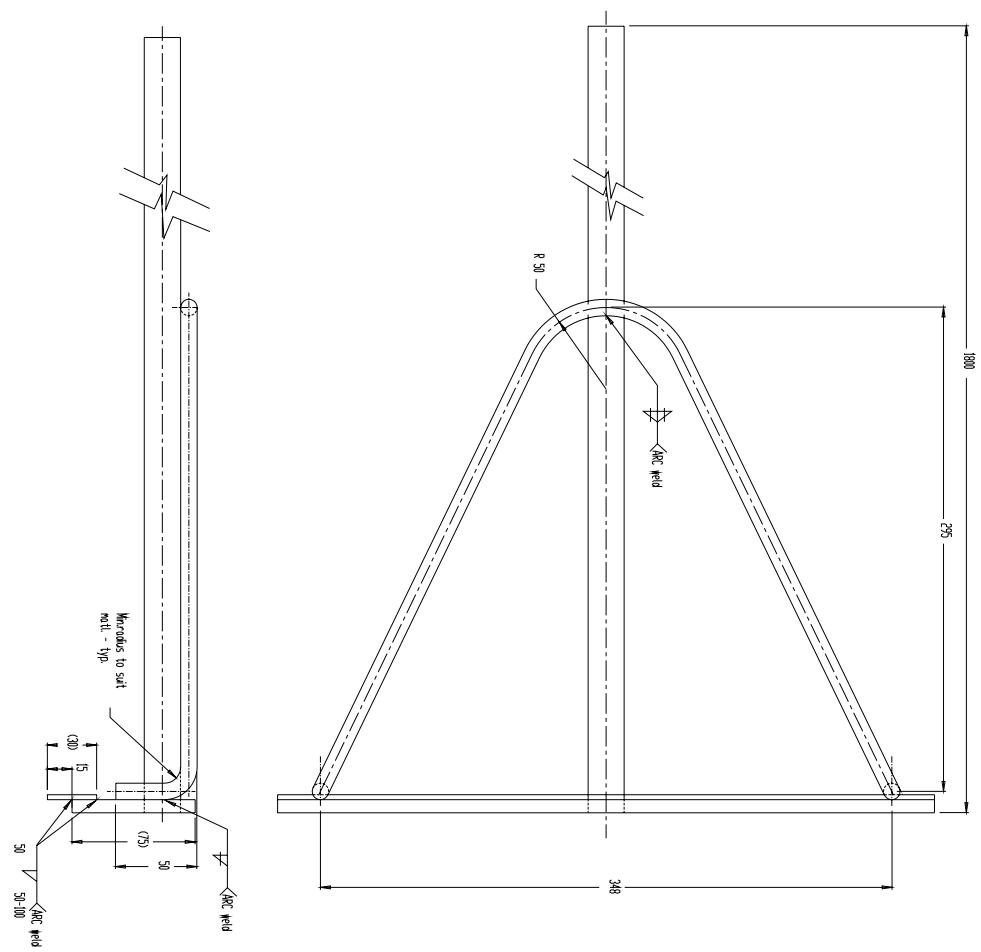
# Workshop drawing LIC 004



MA1: Alumrec tube 76 x 38 x 2  
MS flat bar 50 x 3  
Alm. rivet Dia. 4 x 8  
Dim. B equals 2m & 4m respectively for parts 1 & 2  
General tolerance +/ -1mm unless otherwise stated

MATERIAL		- see notes above	
PROJECT - 59C2012	DESCRIPTION - SCREWED BAR		
DRAWN A CRAWFORD	SIZE A3	DWG NO. LIC004	REV
	SCALE - M.I.S.	DATE - Dec.05	SHEET 1

# Workshop drawing LIC 005



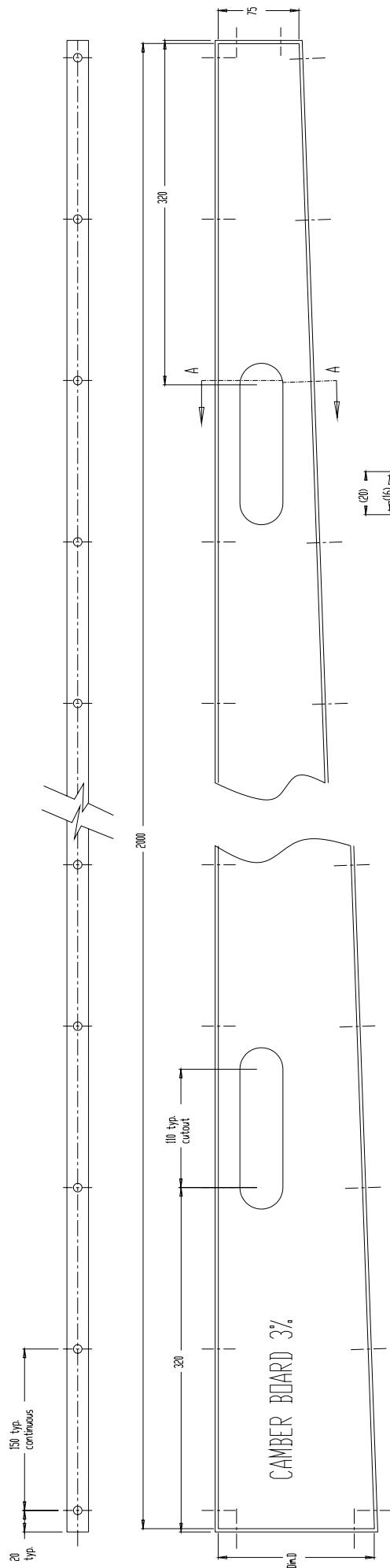
Part to be free of burns and sharp edges.

Mati: Dia.22 Galv. tube  
Dia.10 MS rod  
8x75 MS flat bar  
3x30 MS flat bar

General tolerance  $\pm 1\text{mm}$  unless otherwise stated

PROJECT	5902012	MATERIAL	- See note above
DRAWN	A CRAWFORD	DESCRIPTION	- Squegi steel
SIZE	A3	DWG NO.	LIC005
SCALE	- N.I.S.	DATE	- Dec.05
REV		SHEET	

# Workshop drawing LIC 006



CAMBER BOARD -  $\frac{3}{2}$  to be stencilled onto board as shown, both sides - min. height 20mm.

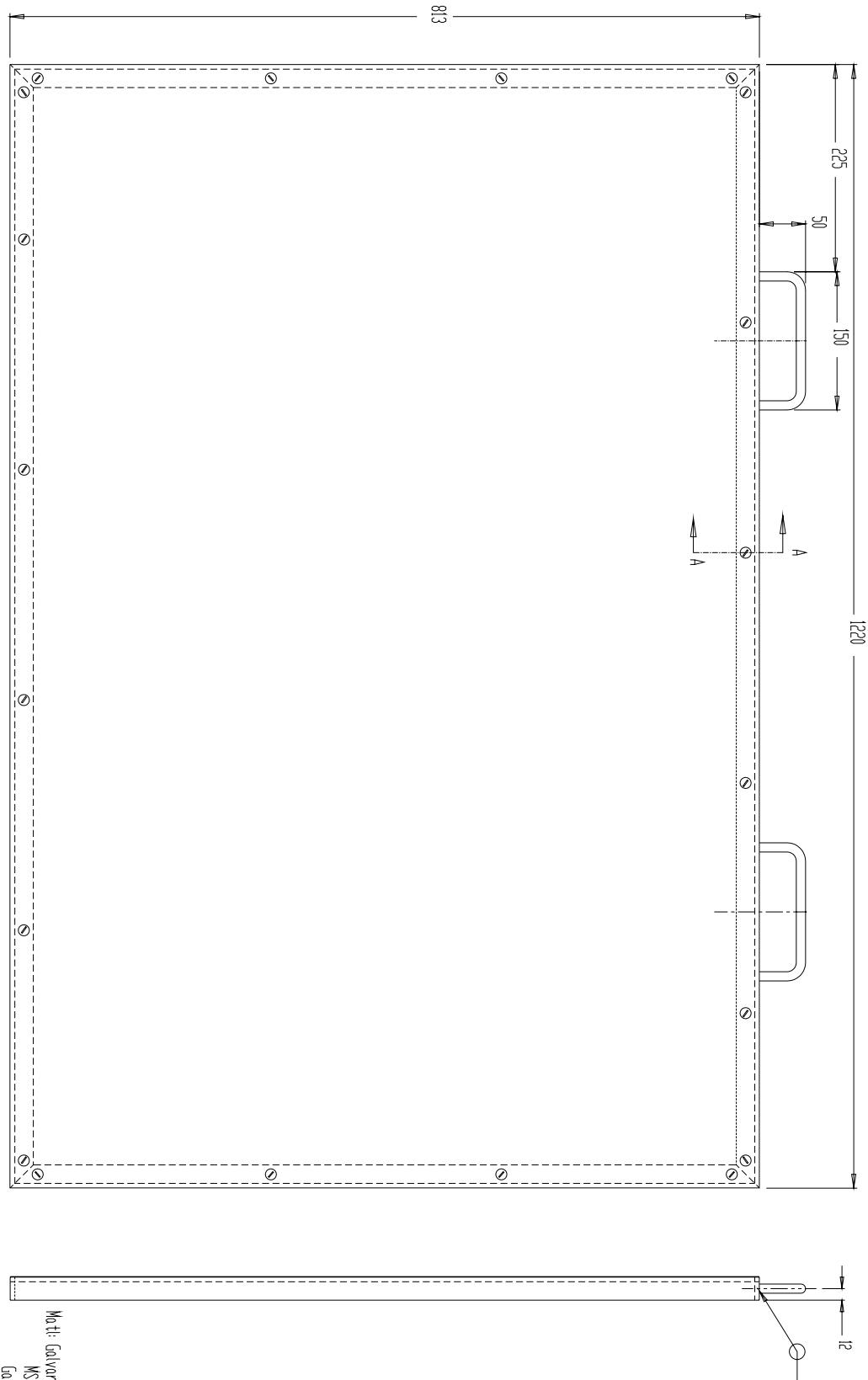
MATERIAL  
 Aluminum flat bar 20 x 3  
 Super Wood t = 16mm  
 Wood screw 8x36 x 16  
 Wood to be painted with a wood sealer prior to assembly.  
 Section A-A  
 Scale 2:1

General tolerance +/ -1mm unless otherwise stated.

MATERIAL	- See notes above		
PROJECT - 5902012	DESCRIPTION	SIZE DWG NO.	REV
DRAWN A CRAWFORD	A3	LIC006	
-----	-----	SCALE - M.I.S. DATE - Dec05	SHEET

Dimension 'Y'	Camber Board
115	2 $\frac{1}{4}$
135	3 $\frac{1}{4}$
145	3 $\frac{3}{4}$

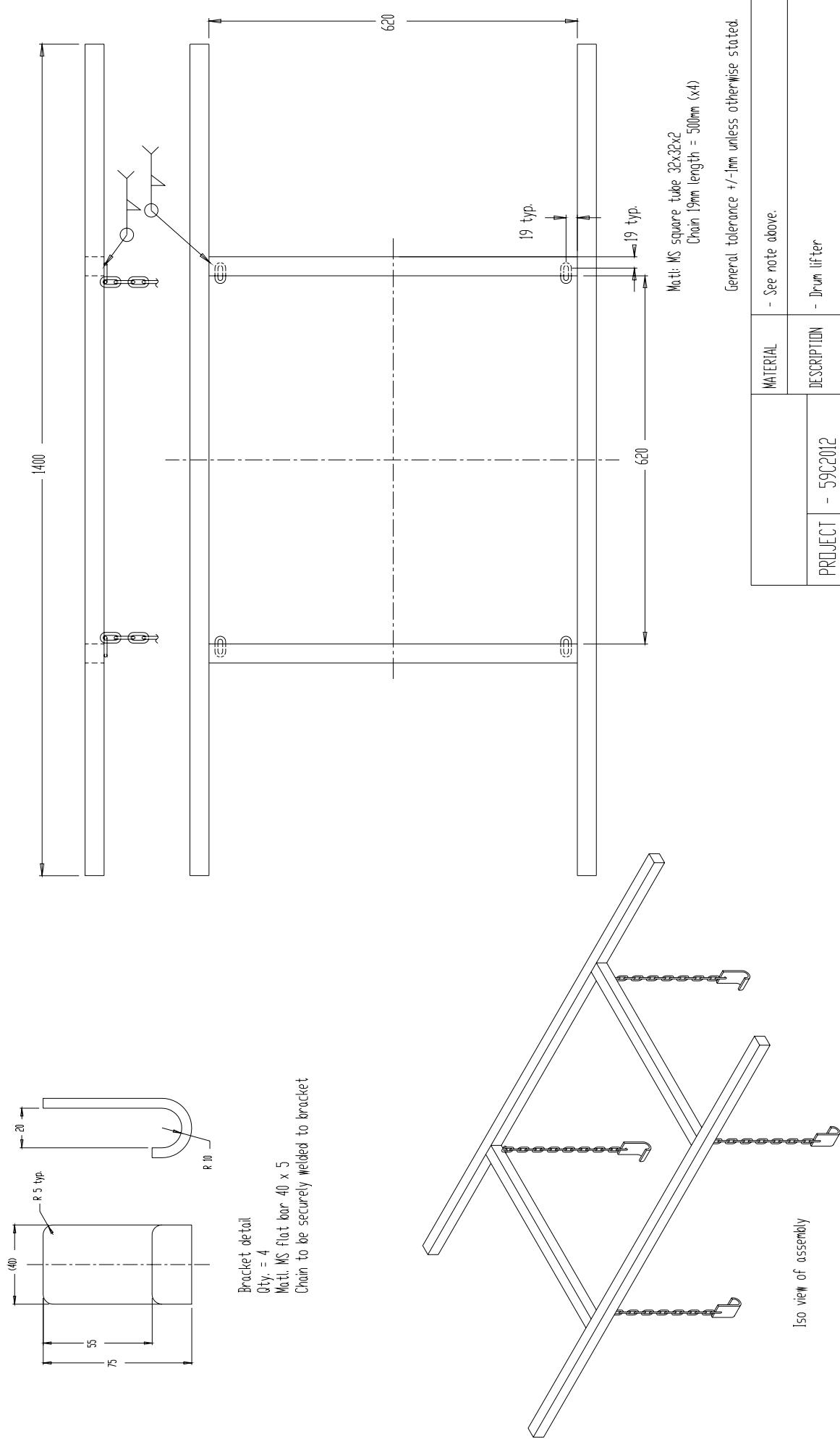
## Workshop drawing LIC 007



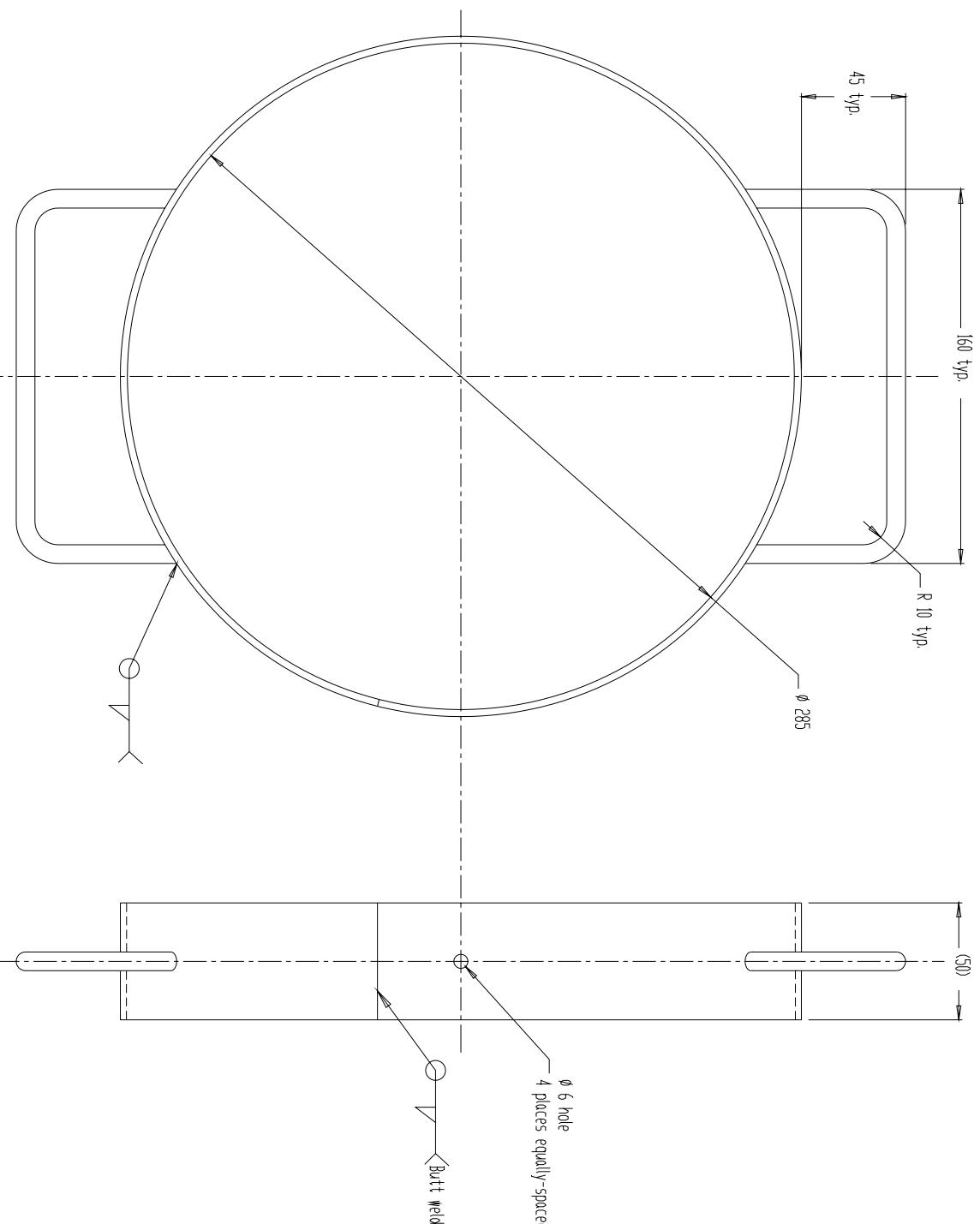
General tolerance +/-0.5mm unless otherwise stated.

PROJECT	- 5962012	MATERIAL	- See notes above			
		DESCRIPTION	- Spray Screen			
DRAWN	A CRAWFORD	SIZE	DWG NO.	LIC007		
		A3				
		SCALE	N.I.S.	DATE	- XXX	REV

# Workshop drawing LIC 008



## Workshop drawing LIC 009

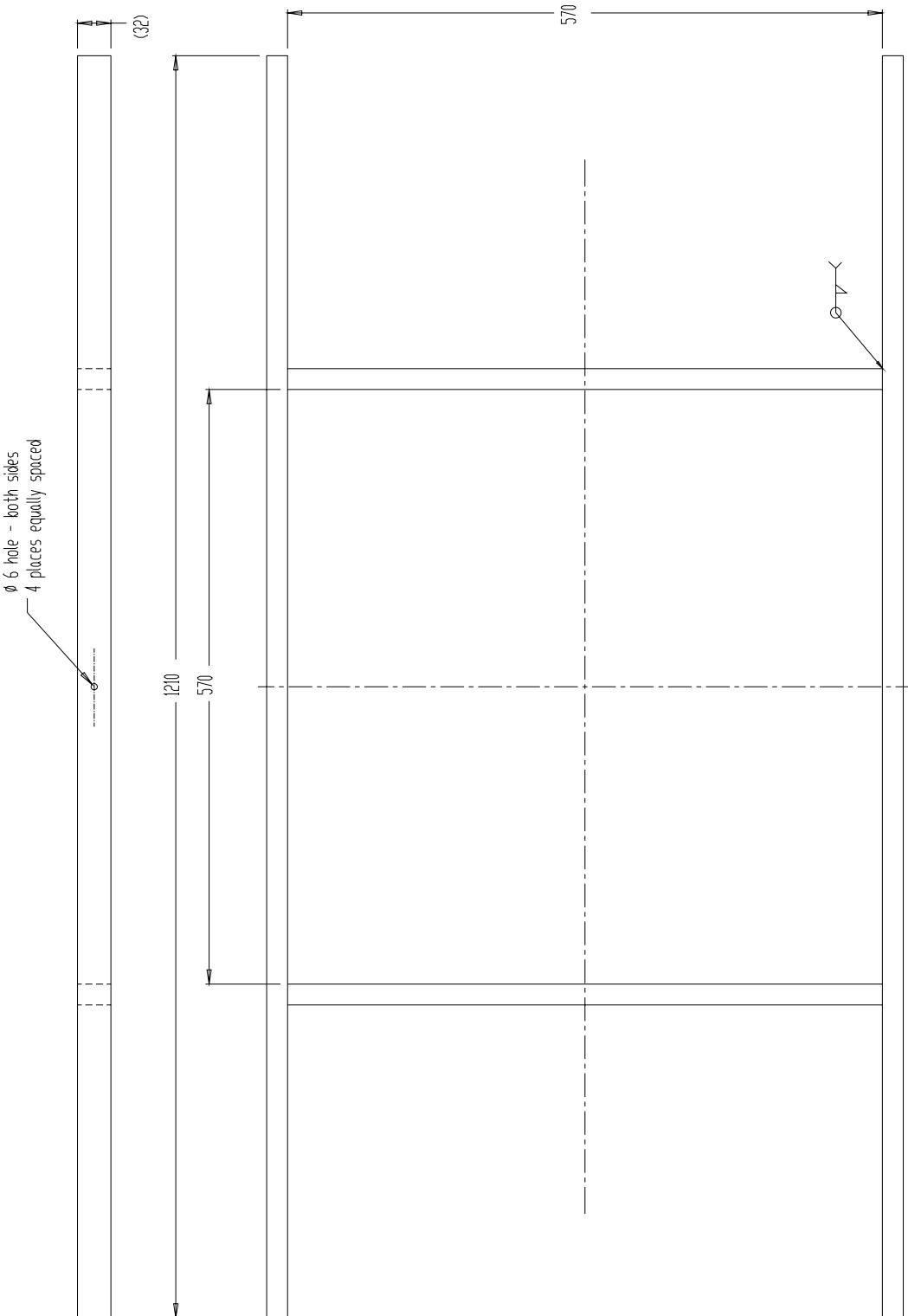


Matl: MS flat bar 50 x 3  
MS round bar Dia.8mm

General tolerance +/-3mm unless otherwise stated.

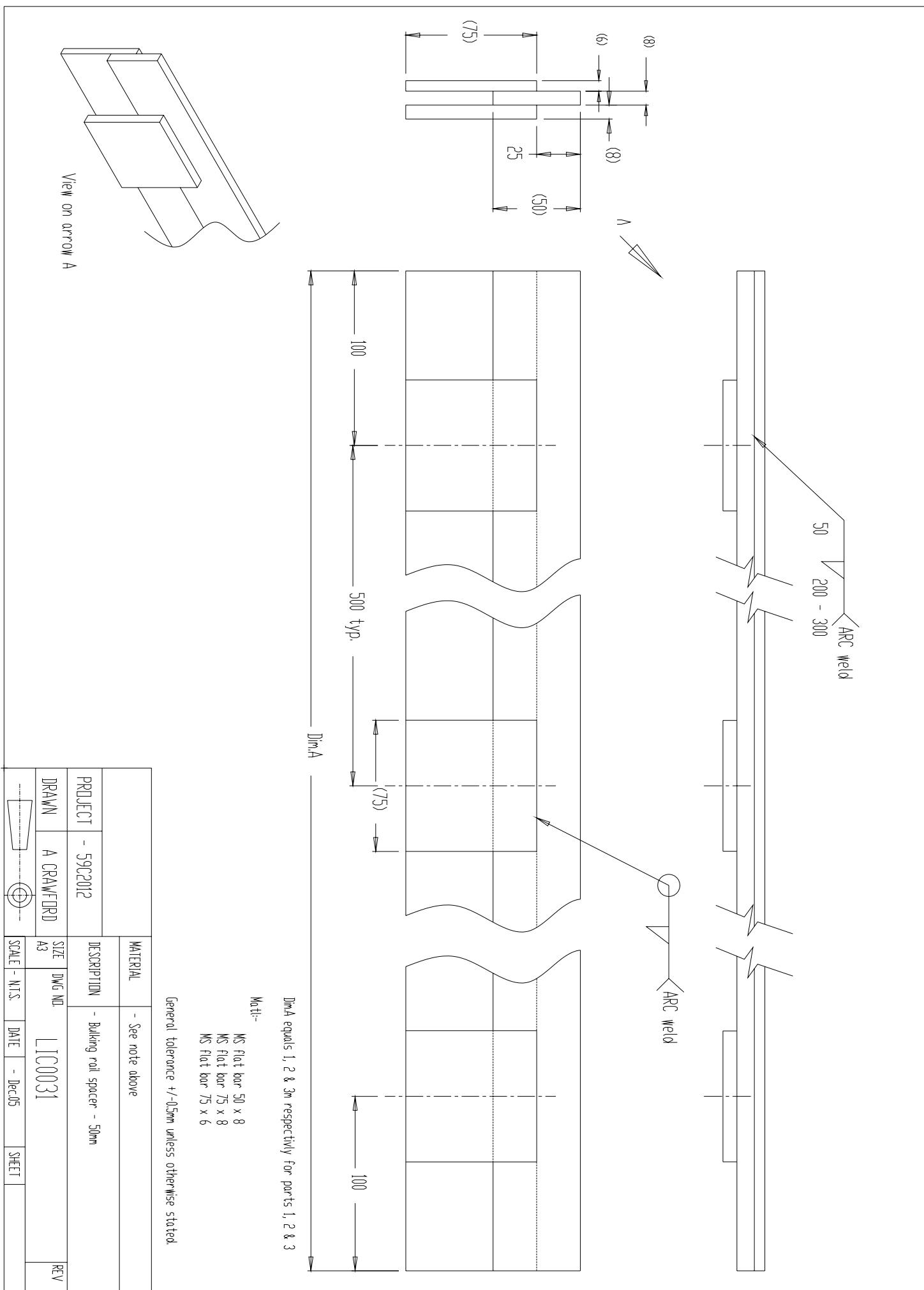
		MATERIAL		- See note above	
PROJECT		DESCRIPTION		- 20 / 25 L drum handle	
DRAWN	A CRAWFORD	SIZE	DWG NO.	1C009	REV
		A3			
		SCALE	- N.T.S.	DATE - Jan06	SHEET

# Workshop drawing LIC 010



PROJECT	- 59C202	MATERIAL	- MS rectangle 32x20x1.6
DRAWN	A CRAWFORD	DESCRIPTION	- Half 220 L drum handle
		SIZE	DWG NO.
		A3	LIC010
		SCALE	NOTES
		1:1	DATE - Jun 06
			REV

## Workshop drawing LIC 031



***"We have made the firm commitment to confront the challenges of poverty and joblessness. We have made the solemn pledge that we will do everything possible to achieve the goal of a better life for all our people."***

President Thabo Mbeki