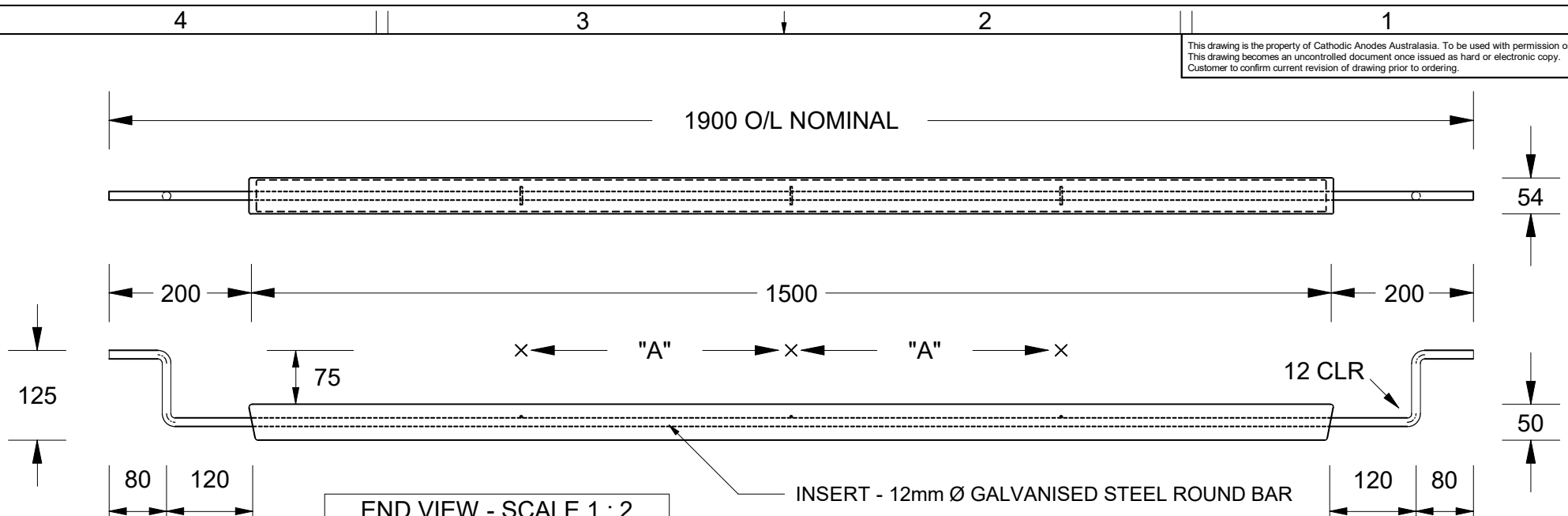
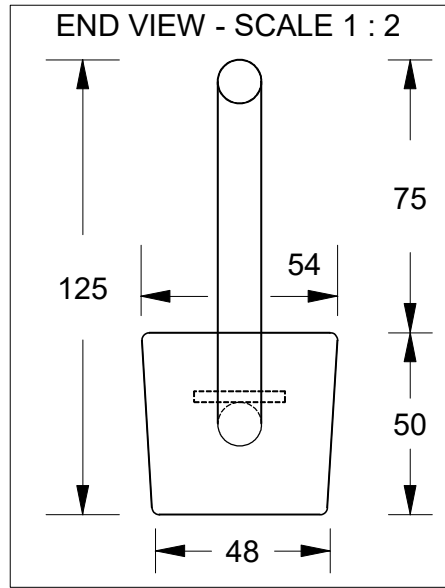


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 Customer to confirm current revision of drawing prior to ordering.

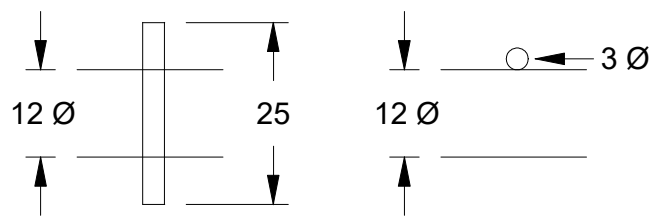


Density of Cast Magnesium Anode Alloys  
 M1C (calculated mean) 1.73 g / cm<sup>3</sup>  
 M3 (calculated mean) 1.94 g / cm<sup>3</sup>

**HIGH POTENTIAL ALLOY**



Note: "A" - Tack Weld 3mm Ø x 25 mm long wire to 12 mm Ø Insert  
 The Wire(s) provide anchor points for the anode material on the insert  
 3 each required - 25 %, 50 %, and 75 % of anode length - approximately



- Notes
1. Anodes are cast to comply with CAA's standard casting tolerances
  2. All sharp edges removed for safe handling
  3. Anode insert material to meet relevant Australian/International specifications

Chemical Composition Limits			Alloy:
Standard: ASTM B843 (Most current revision)			<b>M1C</b>
Magnesium. High Potential			
Element	min.	max.	
Aluminium	-	0.01	
Zinc	-	0.02	
Manganese	0.50	1.3*	
Silicon	-	0.05	
Copper	-	0.02	
Iron	-	0.03	
Nickel	-	0.001	
Calcium	-	0.04	
Other Impurities			
- each	-	0.05	
- total	-	0.30	
Magnesium		remainder	

Rev	Details of Change(s)	Date	Initials	Verified	Initials
1	For Quotation	09 MAR 15	R.N.	09 MAR 15	J.L.
2	3 x (3 mm x 25) Wire Anchors added to insert	21 APR 15	R.N.	21 APR 15	J.L.

Nett Weight	Gross Weight
Kg (nominal)	Kg (nominal)
<b>6.2</b>	<b>8.0</b>



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Product	
<b>Magnesium Anode</b>	
Part no.	Scale
<b>CDM-7.0S Type 2 (M1C)</b>	<b>1 : 8</b>
Drawing No: <b>CD3931</b>	Rev Sheet
	<b>2 1 of 1</b>
Drawn by: R Northey Date: 21 APR 2015	
All dimensions are in mm (nominal)	