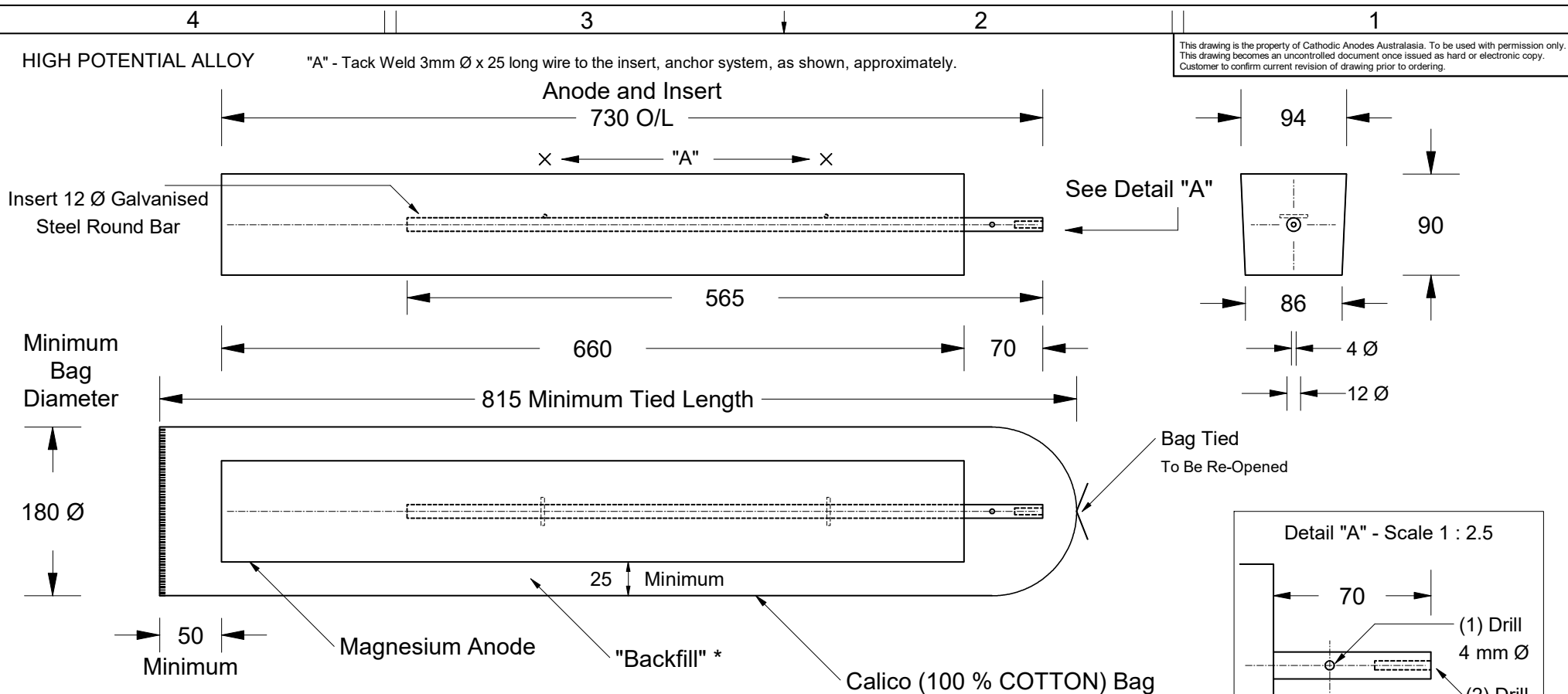


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- Notes
- Anodes are cast to comply with CAA's standard casting tolerances
  - All sharp edges removed for safe handling
  - Anode insert material to meet relevant Australian/International specifications

\*\*"Backfill" Composition 45% Gypsum, 50% Calcium Bentonite, 5% Sodium Sulphate

To Suit Cable Type: 6 mm Square "SDI" - Single Core Double Insulated

Normally 10 m Cable - Red Inner & White Outer

| Chemical Composition Limits |           |       | Alloy:<br><b>M1C</b> |
|-----------------------------|-----------|-------|----------------------|
| 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 | -     |                      |

| 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> |

| Anode & Insert |              |  |  |
|----------------|--------------|--|--|
| Nett Weight    | Gross Weight |  |  |
| Kg (nominal)   | Kg (nominal) |  |  |
| <b>9.2</b>     | <b>9.7</b>   |  |  |

| Rev | Details of Change(s)                          | Date      | Initials | Verified  | Initials |
|-----|---|-----------|----------|-----------|----------|
| 1   | For Quotation                                 | 09 MAR 15 | R.N.     | 09 MAR 15 | J.L.     |
| 2   | 2 x (3 mm x 25) Wire Anchors added to insert. | 21 APR 15 | R.N.     | 21 APR 15 | J.L.     |
| 4   |   |           |          |           |          |

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cathodicanodes.com.au

|                                       |                        |
|---------------------------------------|------------------------|
| Product<br><b>Magnesium Anode</b>     |                        |
| Part no.<br><b>CDM - 10P (M1C)</b>    | Scale<br><b>1 : 5</b>  |
| Drawing No: <b>CD3940</b>             | Rev<br><b>2</b>        |
| Drawn by: R Northey Date: 21 APR 2015 | Sheet<br><b>1 of 1</b> |
| All dimensions are in mm (nominal)    |                        |