Table: Dimensions

<table>
<thead>
<tr>
<th>Ø (mm)</th>
<th>L1 (mm)</th>
<th>L2 (mm)</th>
<th>D1 (mm)</th>
<th>D2 (mm)</th>
<th>No.</th>
<th>Y</th>
<th>E1 BAR Ø12 mm</th>
<th>Length (m)</th>
<th>Weight (kg)</th>
<th>Volume (m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>470</td>
<td>600</td>
<td>110</td>
<td>170</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>3.00</td>
<td>11.7</td>
<td>0.067</td>
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<td>820</td>
<td>136</td>
<td>206</td>
<td>4</td>
<td>4</td>
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<td>3.00</td>
<td>13.5</td>
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<td>150</td>
<td>200</td>
<td>170</td>
<td>230</td>
<td>4</td>
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<td>4</td>
<td>3.00</td>
<td>15.3</td>
<td>0.164</td>
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<tr>
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<td>200</td>
<td>200</td>
<td>170</td>
<td>230</td>
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<td>4</td>
<td>4</td>
<td>3.00</td>
<td>17.1</td>
<td>0.217</td>
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<tr>
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<td>200</td>
<td>170</td>
<td>230</td>
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<td>4</td>
<td>4</td>
<td>3.00</td>
<td>19.2</td>
<td>0.275</td>
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<tr>
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<td>4</td>
<td>3.00</td>
<td>24.2</td>
<td>0.470</td>
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</tbody>
</table>

**Notes:**
1. Concrete strength grades shown are for exposure classification B2 & C. Refer to AS3600-2009, Section 4 for concrete strength grade, cover to reinforcement and for other exposure classifications.
2. Weepholes are to be provided at 1800 centres (maximum) at outlet only.
3. All steel bars to be grade 400Y to AS4671-2001.
4. Spacing for multiple pipes as specified in R0240-01.

**Referenced Documents:**
- AS3600-2009 Concrete Structures
- AS4671-2001 Steel Reinforcing Materials
- R0210-01 Stormwater Drainage

**Additional Information:**
- Outlet protection 230 mm thick rock mattress
- Inlet protection 170 mm thick rock mattress
- Outlet protection 330 mm thick rock mattress
- Inlet protection 150 mm rock mattress
- Ends lined with geotextile
- Section not to scale
- E1 bars Ø100
- Ø12 mm weepholes
- Provide damp proof membrane for exposure classifications B2 & C
- Exposure classifications B2 & C

**Dimensions:**
- All dimensions are in millimetres unless otherwise shown.
- Drawing may be prepared in colour and may be incomplete if copied.
- Sheet 1 of 4

**Contact Details:**
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**Standard Drawing:**
- R0210 STORMWATER DRAINAGE SERIES - HEADWALLS
- Concrete headwalls ø300 mm to ø900 mm with rock mattress protection

**Status:**
- Issued

**Date:**
- January 2017

**Document Ver.:**
- Scan to check

**Additional Information:**
- Manufacture and construction of headwalls must be consistent with R0240-01.