# LATTIX SIGN POST DETAILS

## LATTIX SIGN POST COMPONENTS *

<table>
<thead>
<tr>
<th>MAST DESIGNATION</th>
<th>LATTIX POST DIMENSION (NOM)</th>
<th>ANCHOR BOLT DIA.</th>
<th>ANCHOR EMBEDEMENT LENGTH 'ED'</th>
<th>ANCHOR BOLT PATTERN 'BP'</th>
<th>FOOTING DIA 'b'</th>
<th>LONGITUDINAL REINFORCEMENT 'L'</th>
<th>TIE REINF</th>
</tr>
</thead>
<tbody>
<tr>
<td>44-12</td>
<td>125 x 125</td>
<td>20</td>
<td>375</td>
<td>150 x 150</td>
<td>600</td>
<td>5 - N12</td>
<td>R10</td>
</tr>
<tr>
<td>44-20</td>
<td>200 x 200</td>
<td>20</td>
<td>375</td>
<td>240 x 240</td>
<td>600</td>
<td>8 - N16</td>
<td>R10</td>
</tr>
<tr>
<td>44-25</td>
<td>250 x 250</td>
<td>24</td>
<td>375</td>
<td>300 x 300</td>
<td>800</td>
<td>12 - N16</td>
<td>R10</td>
</tr>
<tr>
<td>44-38</td>
<td>380 x 380</td>
<td>30</td>
<td>850</td>
<td>435 x 35</td>
<td>1000</td>
<td>14 - N16</td>
<td>R10</td>
</tr>
</tbody>
</table>

* Component information is derived from online document 'LATTIX INSTALLATION GUIDE for LATTIX SIGN POSTS TYPE 44,42,4420,4425 og4438 - Rev A_30072013_ENG'

## MRWA FOOTINGS

## FOOTING INSTALLATION DETAILS

**LEVEL GROUND**
- Compact over excavated soil to original density
- Locally shape soil to suit

**SLOPING GROUND**

## FOOTING DETAIL FOR LATTIX SIGN POST

**SECTION A**
- N10 Tie Rein
- Longitudinal Rein 'L' refer to table above
- Lattix Post Anchor Bolts
- Provide 20 cover to anchor bolts

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**NOTES**
1. For determination of footing depth refer to MRWA drawing no. 8909-439.
2. For Lattix post size selection refer to drawings no. 2DITS-444 and 2DITS-495.
3. Lattix sign post is a proprietary system, all components other than the footing concrete & reinforcement are by Lattix.
4. Lattix posts shall be installed to manufacturers specifications.
5. If the supplied Lattix components are different from those stated on this drawing, then refer to the structural engineer for advice.
6. Concrete for footings shall be grade N2 to AS1379 - 83 with slump.
7. Reinforcement shall conform to -
   - N - 500 MPa reinforcing bars to AS/NZS 4671
   - R - 250 MPa plain bars to AS/NZS 4671
8. Minimum cover to reinforcement shall be 70 mm.
9. No contact is allowed between footing reinforcement and the Lattix anchor components.