<table>
<thead>
<tr>
<th>NOMINAL CONC. WIDTH - TIE SIZE</th>
<th>WALL WIDTH W</th>
<th>WALL CAVITY C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; (100mm)</td>
<td>8(\frac{3}{4})&quot; (210mm)</td>
<td>3(\frac{1}{4})&quot; (96mm)</td>
</tr>
<tr>
<td>6&quot; (150mm)</td>
<td>10(\frac{1}{2})&quot; (260mm)</td>
<td>5(\frac{1}{4})&quot; (146mm)</td>
</tr>
<tr>
<td>8&quot; (200mm)</td>
<td>12(\frac{1}{2})&quot; (311mm)</td>
<td>7(\frac{3}{8})&quot; (197mm)</td>
</tr>
<tr>
<td>10&quot; (250mm)</td>
<td>14(\frac{1}{2})&quot; (362mm)</td>
<td>9(\frac{3}{8})&quot; (248mm)</td>
</tr>
<tr>
<td>12&quot; (300mm)</td>
<td>16(\frac{1}{2})&quot; (413mm)</td>
<td>11(\frac{3}{8})&quot; (299mm)</td>
</tr>
</tbody>
</table>

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**Connection Detail**

1. **Interior Finish as Specified**
2. **Quadrant Panel**
3. **Topping as Specified**
4. **Beam and Block Floor Beam to Engineers Requirements**
5. **Minimum Bearing to Concrete as Specified**
6. **Horizontal Reinforcement Placed Alternately to Engineers Requirements**
7. **Exterior Finish as Specified**
8. **Waterproof Concrete to Create Damp Proof Course**
9. **Waterproofing Membrane to Below Ground Construction**
10. **Reinforced Concrete Core**
11. **Vertical Reinforcement to Engineers Requirements**
12. **Dowels as Specified**
13. **Bearing Pad If Specified**
14. **Quad-LOCK Tie**
15. **Free Draining Backfill As Specified**

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**Beam and Block Floor External Bearing Wall**

**Date:** 2009-07-23

**Revision:** R-03

**Acknowledged:**
- Z. Prostran
- M. Bailey

**Approved By:**
- D. J. Bennion
- P. Townend