**SECTION A-A: LANTERN MOUNTING DETAIL**

**NOTES:**

1. SIZE "D" ADVANCE WARNING FLASHING SIGNS SHALL BE USED WHERE THE POSTED SPEED LIMIT IS 100km/h OR GREATER, OR AT LOWER SPEED LIMITS WHERE HIGH VISIBILITY IS REQUIRED. SIZE "D" SIGNS SHALL ONLY BE USED IN COMBINATION WITH SIZE "A", "B" OR "C" SIGNS WHERE IT IS IMPRACTICAL TO PROVIDE SPACE FOR ANOTHER SIZE "D" SIGN.

2. THE DESIGN OF POSTS AND STIFFENERS ON THIS DRAWING APPLIES FOR THE FOLLOWING CONDITIONS ONLY:
   - WIND REGION "A", TERRAIN CATEGORY "2", LEVEL GROUND, MOUNTING HEIGHT AS PER URBAN REQUIREMENTS.
   - CIRCULAR HOLLOW SECTION (CHS) SHALL BE USED FOR ONE-PIECE CONTINUOUS POSTS.
   - RECTANGULAR HOLLOW SECTION (RHS) SHALL BE USED FOR BREAKAWAY POSTS.

3. FOR RHS BREAKAWAY POST DETAILS SEE DRAWING No. 200431-0098.

4. OVERALL LENGTH TO BE INCREASED IF STREET NAME TAGS ARE USED, IN ORDER TO MAINTAIN MINIMUM CLEARANCE BETWEEN BOTTOM OF SIGN AND GROUND. POST DESIGN TO BE CHECKED.

5. ON SLOPING GROUND, OR WHERE DIFFERENT SIZE ADVANCE WARNING FLASHING SIGNS ARE USED ON OPPOSITE SIDES OF THE ROAD, OR DIFFERENT POST TYPES ARE USED, ADJUST THE POST LENGTHS AND MOUNTING HEIGHTS SUCH THAT THE LANTERNS ARE LEVEL.

6. THIS DRAWING SUPERSEDES DRAWING Nos. 9431-1044 & 200231-051 FOR STRUCTURAL DESIGN DETAILS.

7. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRAWING No. 200431-0100 FOR ALL ELECTRICAL INSTALLATION DETAILS AND DRAWING No. 200431-0088 FOR SIGN FACE DETAILS.

### SIGN USAGE

<table>
<thead>
<tr>
<th>SIGN USAGE</th>
<th>SPEED LIMIT (km/h)</th>
<th>PANEL</th>
<th>MOUNTING HEIGHT (mm)</th>
<th>WIND FORCE (kN/m²)</th>
<th>POST</th>
<th>FOOTING DETAILS</th>
<th>OVERALL LENGTH (mm)</th>
<th>NO. OF POSTS</th>
<th>NO. OF PANELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; ON CHS POSTS WITH &quot;A&quot;, &quot;B&quot;, &quot;C&quot; OR &quot;D&quot;</td>
<td>UP TO 80</td>
<td>1800</td>
<td>2700</td>
<td>4.86</td>
<td>2650</td>
<td>2860</td>
<td>2800</td>
<td>3750</td>
<td>5.9</td>
</tr>
<tr>
<td>1/2&quot; ON BBS POSTS WITH &quot;A&quot;, &quot;B&quot;, &quot;C&quot; OR &quot;D&quot;</td>
<td>UP TO 110</td>
<td>1800</td>
<td>2700</td>
<td>4.86</td>
<td>2650</td>
<td>2260</td>
<td>2200</td>
<td>3550</td>
<td>5.9</td>
</tr>
</tbody>
</table>

**16 NOV 2004**

**POST & STIFFENER DESIGN CRITERIA**

**REGION** | **CATEGORY**
---|---
A | 2

**MR-WAW-10, 30, 60, 70, 80, 90, 100**

**POST & STIFFENER DESIGN DETAILS**

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**LOCAL AUTHORITY**

**DRAWN:**

**CHECKED:**

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**WARNING SIGN ADVANCE WARNING FLASHING SIGNS**

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**MR-WAW-10, 30, 60, 70, 80, 90, 100 POST & STIFFENER DESIGN DETAILS**

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**DRAWN NUMBER:** 200431-0092