1. In areas subject to bicycle traffic, bars shall be oriented at 90° to the direction of traffic.

2. Max. Loading - Each grate unit will support A 150 kg load.

3. Grate frame shall be constructed from 75x50x5 mm MS angle. Corner joints shall be welded on underside of horizontal leg and on the inside of the vertical leg with size 5 fillets.

4. Grate units shall be made from 75x20x1035 mm MS bars. The top and bottom edges of the bar ends shall be chamfered 5mm x 5mm before continuously welding all around and ground flush before galvanizing.

5. Both grate and grate frame shall be hot dip galvanized in AS/NZS 4680 unless specified otherwise.

6. Anchor spacing shall not exceed 400 mm.

7. Exposed concrete edges shall have 10x10 chamfers.

8. The grate shall be installed so that the tongue engages the supporting angle when the spring is compressed to 50% of its length.

9. Concrete shall be Normal-Class N32 standard strength grade or higher complying with the requirements of AS 1379, exposure classifications up to and including B1.