

Notes

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- All dimensions in millimeters unless otherwise stated.
- Foundations shown in this drawing are indicative only. Foundations will be designed on a case-by-case basis, considering sign face areas, ground conditions and location of signs. The type and size of foundations for permanent traffic signs shall comply with SHW Clause 1203. All excavations for foundations shall be carried out in compliance with SHW Clause 604 and shall be cleared of all loose material before placing of concrete and backfilling.
- Posts for permanent traffic signs shall comply with SHW Cl 1204. Traffic sign posts, with their plates, will be designed to withstand a wind pressure of 15 millibars, equating to 156kg/m².
- Mounting heights:
 - 1500 over verges
 - 2300 over footways
 - 2500 over cycleways
- Absolute minimum distances to edge of carriageway:
 - grade separated dual c/way: 2100
 - trunk/A class rural roads: 1200 (grass cutting strip)
 - other rural roads: 600
 - urban roads: 450

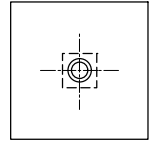
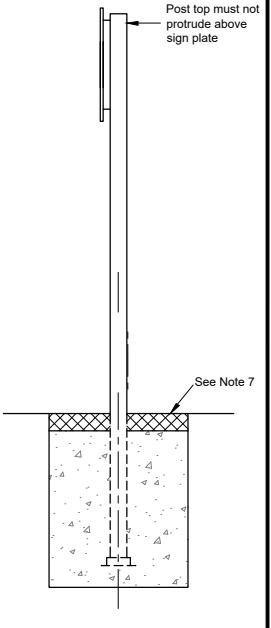
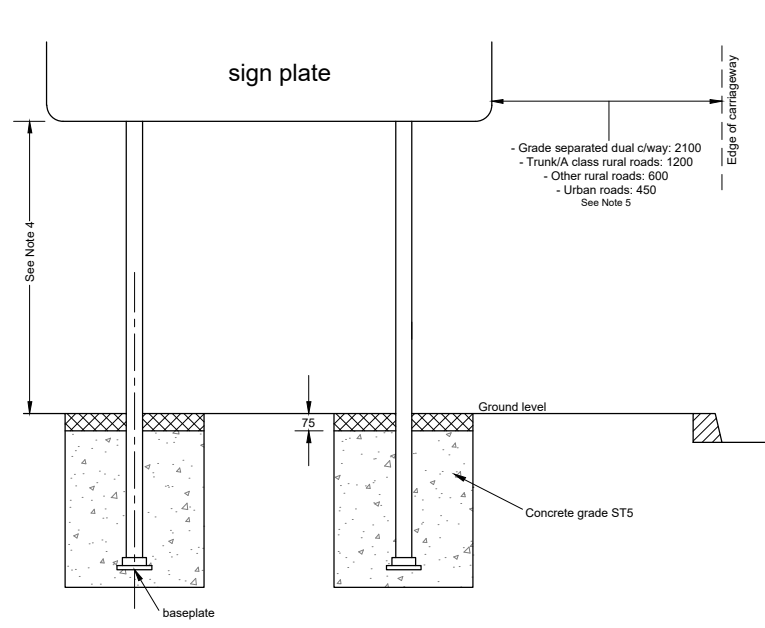
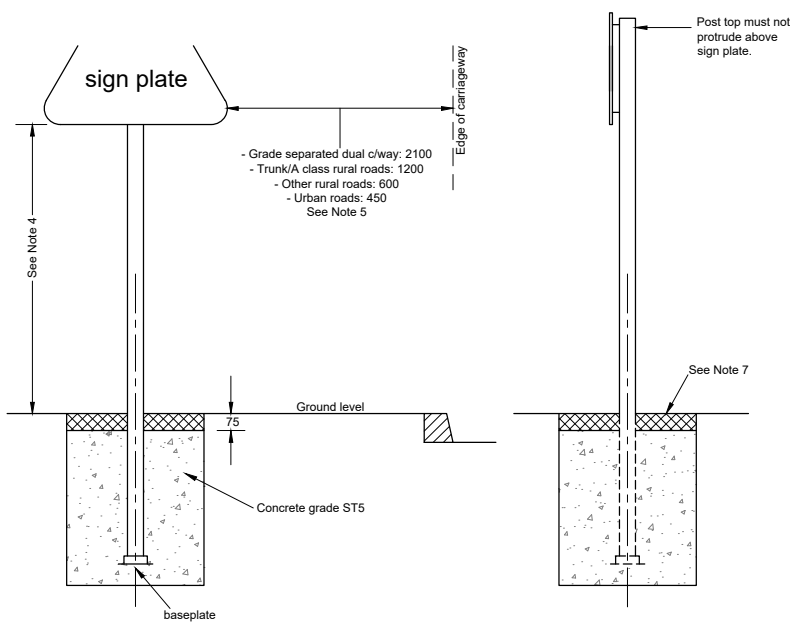
Where the crossfall of the carriageway exceeds 4%, the clearance shall be increased to a minimum of 600mms, to take account of high-sided vehicles.

6. Sign poles should not be situated in the middle of the footway. Where possible, poles for signs should be positioned to the rear of the footway or 450mm from the kerb edge ensuring that the clear footway zone (min 1.5m) is not obstructed.

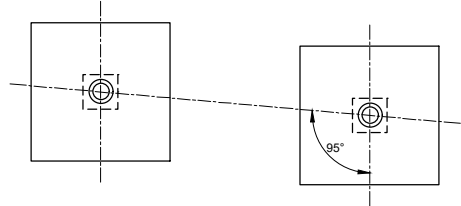
5. Signs will be designed to comply with the current version of the *TSRGD*, the *TSM* and *BS EN12899-1:2007 – Fixed Vertical Road Traffic Signs* and also the relevant current parts of *BS 8442 – Road Traffic Signs and Internally Illuminated Bollards*. Materials used for the manufacture of sign faces and associated poles must meet the relevant standards required by the Council.

6. When considering sign poles and columns, the provision of passive safety shall be the normal standard unless agreed otherwise with the Council. Guidance on passive safety can be obtained from *BS EN 12767 – Passive Safety of Support Structures for Road Equipment*.

7. Top 75 of foundation depth to be finished in similar materials to surface surrounding post.



Foundation A: Sign on single post.
 For sign face area up to 1m²



Foundation B: Sign on twin posts

Revision Details	Drawn by	Checked by	Check Date	Sur/ix



Project: Standard details.
 Title: Series 1200: Traffic signs

Scale (at A4): Sign foundations on single and twin posts

Scale (at A4): Not to scale

Drawn	JC	Date	05/2024
Checked	CHK	Date	05/2024

Drawing No:	SD/1200/03	Rev:	1
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