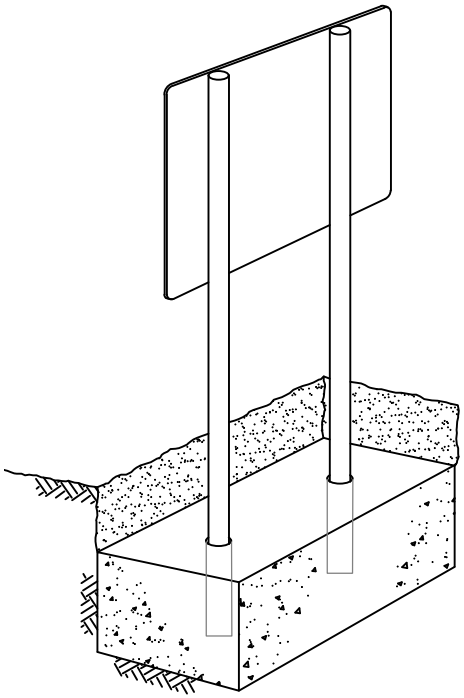
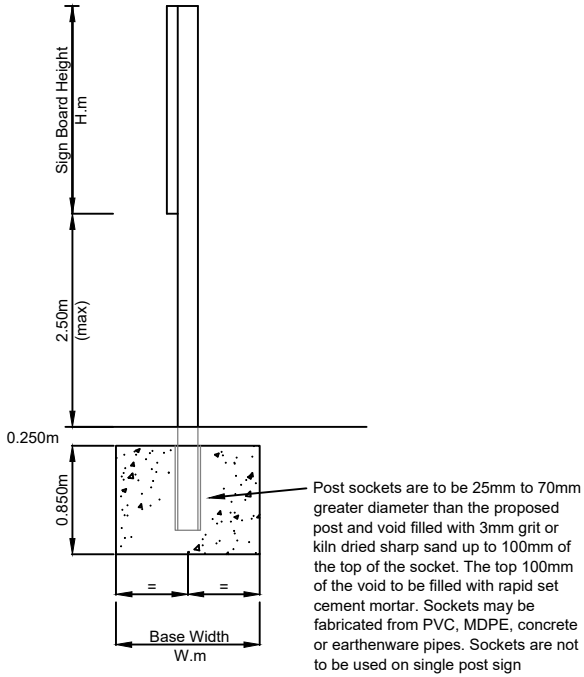
At Original Drawing Size This Line Measures 100mm

Original Drawing Size A3

Computer File No.

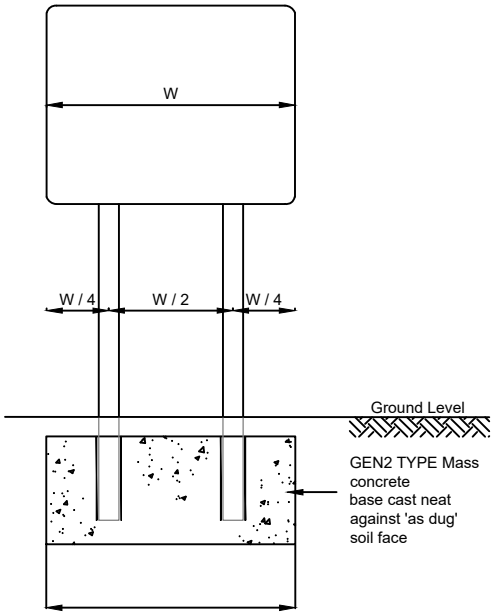
SIGN BOARD WIDTH=H.m. METRES	MINIMUM BASE WIDTH=W.m. METRES
2.00 - 2.50	0.80
2.60 - 2.80	1.00
2.90 - 3.20	1.20
3.30 - 3.50	1.30



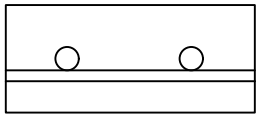


Post sockets are to be 25mm to 70mm greater diameter than the proposed post and void filled with 3mm grit or kiln dried sharp sand up to 100mm of the top of the socket. The top 100mm of the void to be filled with rapid set cement mortar. Sockets may be fabricated from PVC, MDPE, concrete or earthenware pipes. Sockets are not to be used on single post sign assemblies.

SIDE ELEVATION



FRONT ELEVATION



PLAN ELEVATION

DESIGN ASSUMPTIONS

Wind Pressure = 1.3kPa
F. of S. Against Overturning = 1.25
Max Bearing Pressure = 85 kN/m²
Sign is mounted at maximum of 2.50m above ground level

NOTES:

1. This chart is suitable for determining post and foundation type in all areas maximum design wind pressure 1.3kPa safety factor against overturning is 1.25 to BS EN 12899-1 and DMRB volume 2 section 2 PART 1 BD 94/07. Max. allowable ground bearing pressure 85kN/m²
2. This drawing should be read in conjunction with drawing HST/1200/004-007.
3. On multi-post assemblies where horizontal spacing between individual foundations is impractical the foundation widths shall be combined to a single width.
4. For signs beyond the range of this chart, post sizes and foundations shall be designed from first principles or appropriate sign design software.
5. Concrete shall be grade GEN2.
6. All dimensions are in meters unless otherwise stated.

Notes

IWP No.

	CAD	Drawn	Checked	Approved
Initials	PB	PB	SJR	ADS
Date	7/11	7/11	7/11	7/11

Sht No. 1 OF 1

Scales NTS

Drg No. HST/1200/003

Rev. -

Project Title: HCC STANDARD DETAIL DRAWINGS

Drawing Title: CONCRETE BASE FOR LARGE DIRECTION SIGNS

Hertfordshire

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