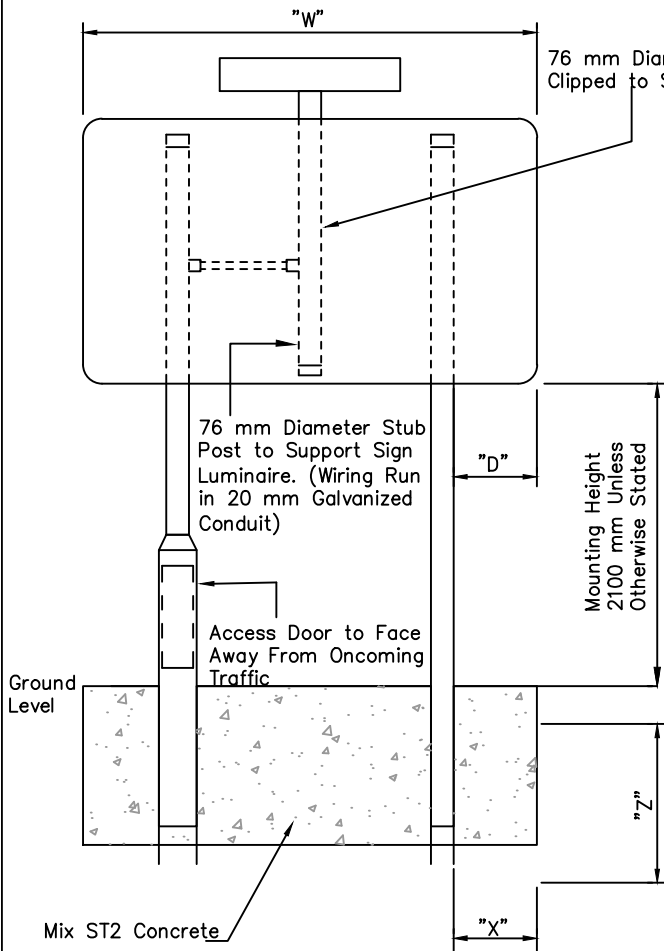


Rev.	Amendments	Date	Made By	Chk'd By



Foundation Type	A	B	C	D	E	F	G	H
Concrete Cover "X"	300	300	400	400	400	400	400	500
Concrete Length "Y"	1100	1200	1300	1700	1900	2200	2400	2200
Concrete Depth "Z"	600	750	900	900	900	900	900	1200

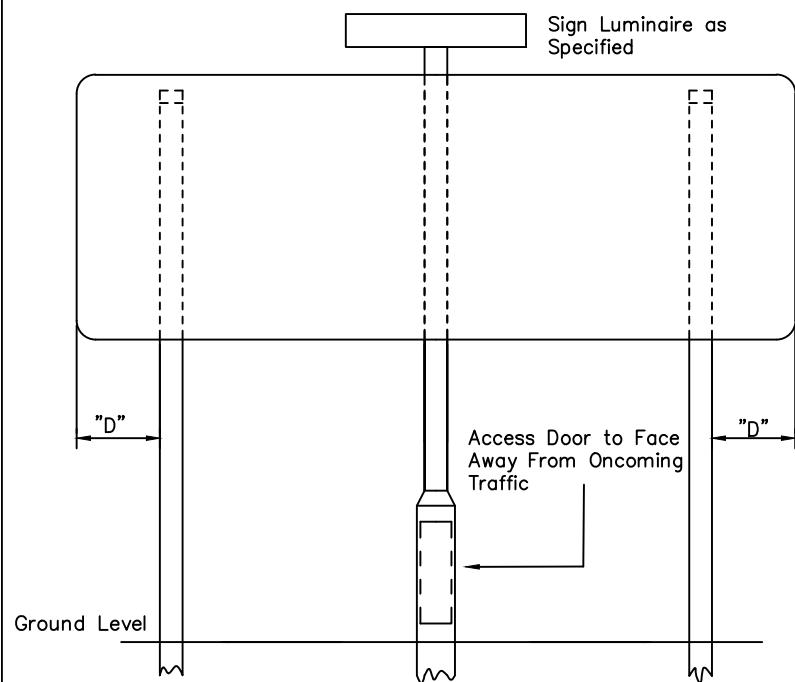
Table 1: Standard Foundation Sizes

No of Posts	Mounting Height	Area of Sign Face (m <sup>2</sup> )								
		0	1	2	3	4	5	6	7	8
2	1100	76A	89B	114D	139D	139E	168F	193G		
	1500	76A	114C	139D		168E	193F	193G		
	2100	89B	114C	139D	168E	168F	193G	219H		
3	1500	N/A	N/A	89C	114C	139D				
	2100	N/A	N/A	114C	139D	168D	168E			

Table 2: Post Diameters in mm and Foundation Types

**NOTES**

- All dimensions in millimetres unless otherwise stated.
- Posts shall be hot dipped galvanized, of circular hollow section to dimensions given in Table 1 and comply with the requirements of BS4848 Part 2.
- Posts shall be finished in accordance with system G2a of the Specification for Highways Works. Top gloss coat colour shall be to BS381C colour no 693 (Aircraft Grey) unless otherwise stated.
- Foundations may be constructed in two parts:
  - Up to socket bases. (This may take the form of a precast slab of the required thickness or be cast insitu.)
  - Remaining foundation (Provide that the requirements of Clause 2602 are met.)
- Foundations may be circular in plan, provided that:
  - The diameter is not less than the value of "Y" for the equivalent rectangular foundation. and
  - The total volume of the cylindrical foundation is not less than the volume of the equivalent rectangular foundation.
- Erection of posts shall comply with the requirements of Specification Clause 1208 and specific requirements of Appendix 12/1.
- The inset distance of the outer posts from the side edge "D" shall be 50 mm minimum, and a maximum of  $W/2n$  where  $W$  = overall sign width and  $n$  = number of posts unless otherwise specified in Appendix 12/1.
- Where signs are located in grassed verge the concrete is to be brought to ground level to form a mowing strip.



SIGN POST FOUNDATION DETAILS FOR TWO AND THREE POST SIGN ASSEMBLIES

COMMON STANDARDS FOR WALES  
HIGHWAY DESIGN GUIDE

Drawn	MT
Checked	SZ
Date	Feb '20
Scale	N.T.S.
Drg. No.	706
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