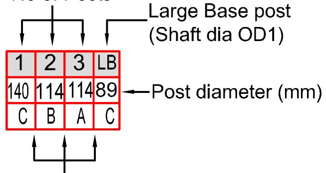
Height to Centroid (m) / Area of Sign (s) m²

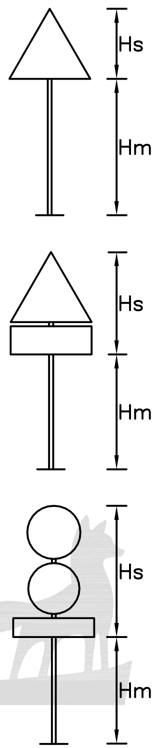
Height to Centroid (m)	3.01 - 3.5				3.51 - 4.0				4.01 - 4.5				4.51 - 5.0			
	1	2	3	LB	1	2	3	LB	1	2	3	LB	1	2	3	LB
4.26 - 4.5	194	140	140	-	194	140	140	-	219	168	140	-	219	168	140	-
	I	E	D	-	*	F	D	-	*	G	E	-	*	H	E	-
4.01 - 4.25	194	140	140	-	194	140	140	-	194	168	140	-	219	168	140	-
	I	E	D	-	*	F	D	-	*	G	D	-	*	G	E	-
3.76 - 4.0	194	140	140	-	194	140	140	-	194	140	140	-	219	168	140	-
	I	E	C	-	I	E	D	-	*	F	D	-	*	G	E	-
3.51 - 3.75	168	140	114	-	194	140	140	-	194	140	140	-	194	168	140	-
	H	E	C	-	I	E	D	-	I	F	D	-	*	G	D	-
3.26 - 3.5	168	140	114	140	194	140	140	-	194	140	140	-	194	140	140	-
	H	D	C	F	I	E	C	-	I	E	D	-	*	F	D	-
3.01 - 3.25	168	140	114	140	168	140	114	140	194	140	140	-	194	140	140	-
	H	D	C	E	H	E	C	F	I	E	D	-	I	F	D	-
2.76 - 3.0	168	140	114	140	168	140	114	140	194	140	140	140	194	140	140	-
	G	D	C	E	H	D	C	E	I	E	C	F	I	E	D	-
2.51 - 2.75	168	140	114	140	168	140	114	140	168	140	114	140	194	140	140	140
	G	D	B	D	G	D	C		H	D	C	E	I	E	C	F
2.26 - 2.5	140	114	114	140	168	140	114	140	168	140	114	140	168	140	114	140
	F	C	B	D	G	D	C	D	H	D	C	E	H	D	C	E
2.01 - 2.25	140	114	114	114	140	140	114	114	168	140	114	114	168	140	114	140
	E	C	B	C	F	C	B	D	G	D	C	D	H	D	C	D
1.76 - 2.0	140	114	89	114	140	114	114	114	140	140	114	114	168	140	114	114
	E	C	A	C	E	C	B	C	F	C	B	C	G	D	C	D
1.51 - 1.75	140	114	89	114	140	114	89	114	140	114	114	114	140	114	114	114
	D	B	A	B	E	C	A	B	E	C	B	C	F	C	B	C
1.26 - 1.5	140	114	89	89	140	114	89	89	140	114	89	89	140	114	114	114
	D	B	A	A	D	B	A	A	E	C	A	A	E	C	B	B
1.01 - 1.25	114	89	76	76	114	114	76	76	114	114	89	76	140	114	89	76
	C	A	A	A	D	B	A	A	D	B	A	A	D	B	A	A
Up to 1.0	114	89	76	-	114	89	76	-	114	89	76	-	114	114	76	-
	C	A	A	-	C	A	A	-	C	A	A	-	D	B	A	-

Height to Centroid (m)	5.01 - 5.5				5.51 - 6.0				6.01 - 6.5				6.51 - 7.0			
	1	2	3	LB	1	2	3	LB	1	2	3	LB	1	2	3	LB
4.26 - 4.5	219	168	140	-	244	194	140	-	244	194	168	-	244	194	168	-
	*	H	F	-	*	I	F	-	*	I	G	-	*	I	G	-
4.01 - 4.25	219	168	140	-	219	168	140	-	244	194	168	-	244	194	168	-
	*	H	E	-	*	H	F	-	*	I	F	-	I	I	G	-
3.76 - 4.0	219	168	140	-	219	168	140	-	245	168	140	-	244	194	168	-
	*	G	E	-	*	H	E	-	*	H	F	-	*	I	G	-
3.51 - 3.75	219	168	140	-	219	168	140	-	219	168	140	-	244	168	140	-
	*	G	E	-	*	H	E	-	*	H	F	-	*	H	F	-
3.26 - 3.5	194	168	140	-	219	168	140	-	219	168	140	-	219	168	140	-
	*	G	E	-	*	G	E	-	*	H	E	-	*	H	F	-
3.01 - 3.25	194	140	140	-	194	168	140	-	219	168	140	-	219	168	140	-
	*	F	D	-	*	G	E	-	*	G	E	-	*	H	E	-
2.76 - 3.0	194	140	140	-	194	140	140	-	194	168	140	-	219	168	140	-
	I	F	D	-	*	F	D	-	*	G	E	-	*	G	E	-
2.51 - 2.75	194	140	140	-	194	140	140	-	194	140	140	-	194	168	140	-
	I	E	D	-	I	F	D	-	*	F	D	-	*	G	E	-
2.26 - 2.5	194	140	140	140	194	140	114	140	194	140	140	-	194	140	140	-
	I	E	C	F	I	E	D	F	I	F	D	-	*	F	D	-
2.01 - 2.25	168	140	114	140	194	140	140	140	194	140	140	140	194	140	140	140
	H	D	C	E	I	E	C	E	I	E	D	F	I	E	D	F
1.76 - 2.0	168	140	114	114	168	140	114	140	168	140	114	140	194	140	140	140
	G	D	C	D	H	D	C	D	H	E	C	E	I	E	D	E
1.51 - 1.75	168	140	114	114	168	140	114	140	168	140	114	140	168	140	114	140
	G	D	B	C	G	D	C	C	H	D	C	D	H	D	C	D
1.26 - 1.5	140	114	114	114	140	140	114	114	168	140	114	114	168	140	114	114
	F	C	B	B	F	C	B	B	G	D	B	B	G	D	C	C
1.01 - 1.25	140	114	89	76	140	114	114	76	140	114	114	76	140	140	114	89
	E	C	A	A	E	C	B	A	F	C	B	A	F	C	B	A
Up to 1.0	114	114	89	-	140	114	89	-	140	114	89	-	140	114	89	-
	D	B	A	-	D	B	A	-	E	B	A	-	E	C	A	-

Height to Centroid (m)	7.01 - 7.5				7.51 - 8.0				8.01 - 8.5				8.51 - 9.0			
	1	2	3	LB	1	2	3	LB	1	2	3	LB	1	2	3	LB
4.26 - 4.5	244	194	168	-	244	194	168	-	273	194	168	-	273	219	168	-
	*	I	H	-	*	*	H	-	*	*	H	-	*	*	I	-
4.01 - 4.25	244	194	168	-	244	194	168	-	244	194	168	-	273	194	168	-
	*	I	G	-	*	*	H	-	*	*	H	-	*	*	H	-
3.76 - 4.0	244	194	168	-	244	194	168	-	244	194	168	-	244	194	168	-
	*	I	G	-	*	I	G	-	*	*	H	-	*	*	H	-
3.51 - 3.75	244	194	168	-	244	194	168	-	244	194	168	-	244	194	168	-
	*	I	G	-	*	I	G	-	*	I	G	-	*	I	H	-
3.26 - 3.5	244	168	140	-	244	194	168	-	244	194	168	-	244	194	168	-
	*	H	F	-	*	I	G	-	*	I	G	-	*	I	G	-
3.01 - 3.25	219	168	140	-	244	168	140	-	244	194	168	-	244	194	168	-
	*	H	E	-	*	H	F	-	*	I	F	-	*	I	G	-
2.76 - 3.0	219	168	140	-	219	168	140	-	219	168	140	-	244	194	140	-
	*	H	E	-	*	H	E	-	*	H	F	-	*	I	F	-
2.51 - 2.75	219	168	140	-	219	168	140	-	219	168	140	-	219	168	140	-
	*	G	E	-	*	G	E	-	*	H	E	-	*	H	F	-
2.26 - 2.5	194	168	140	-	194	168	140	-	219	168	140	-	219	168	140	-
	*	G	D	-	*	G	E	-	*	G	E	-	*	H	E	-
2.01 - 2.25	194	140	140	140	194	140	140	-	194	168	140	-	219	168	140	-
	*	F	D	G	*	F	D	-	*	G	D	-	*	G	E	-
1.76 - 2.0	194	140	140	140	194	140	140	140	194	140	140	140	194	140	140	140
	I	E	D	E	I	F	D	E	*	F	D	F	*	F	D	F
1.51 - 1.75	168	140	114	140	194	140	140	140	194	140	140	140	194	140	140	140
	H	E	C	D	I	E	D	D	I	E	D	D	I	E	D	E
1.26 - 1.5	168	140	114	114	168	140	114	114	168	140	114	114	194	140	140	140
	H	D	C	C	H	D	C	C	H	D	C	C	I	E	C	C
1.01 - 1.25	140	140	114	89	168	140	114	89	168	140	114	89	168	140	114	89
	G	D	B	A	G	D	C	A	G	D	C	A	H	D	C	A
Up to 1.0	140	114	114	-	140	114	114	-	140	114	114	-	140	140	114	-
	E	C	B	-	E	C	B	-	F	C	B	-	F	C	B	-



*Foundation beyond the range adopted, consider increasing number of posts or use appropriate sign design software.



Height to Centroid = Mounting Height Hm + Height of Sign(s) Hs / 2

NOTES:

1. All dimensions are in millimetres unless otherwise stated.
2. The Chart is suitable for determining post and foundation type in rural areas and assumes a maximum wind pressure of 1.54 kn/m². Refer to Notes on Drg No SD/12/1.
3. A worked example of determining the height to centroid is provided on Drg No SD/12/1.
4. The sizes for each foundation is provided on Drg No SD/12/15.
5. On multi–post assemblies where horizontal spacing between individual foundations is impractical refer to Drg No SD/12/13.
6. For signs beyond the range of, this Chart post sizes and foundations shall be determined from first principles or appropriate sign design software.

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Leicestershire County Council

DEPARTMENT OF HIGHWAYS TRANSPORTATION AND WASTE MANAGEMENT

TITLE:

STANDARD DRAWING — TRAFFIC SIGNS

POST DETAILS AND FOUNDATIONS - SIGN AREAS 3.01m² TO 9m²

DRAWING NUMBER	DATE
SD/12/9 A	APRIL 2007
AUTOCAD REF	SCALE
K:\GENERAL\D9997STDDRG\SD129	NOT TO SCALE

Rev	Date	Notes on Revision
A	AUG 2007	Large Bases added

THE FOLLOWING DRAWING IS SD/12/13