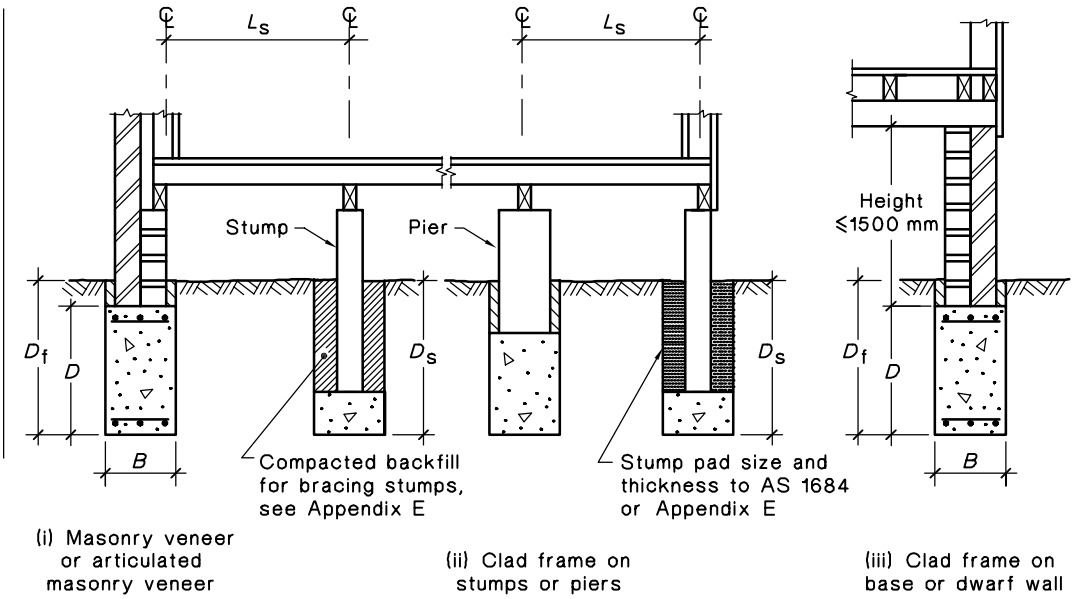
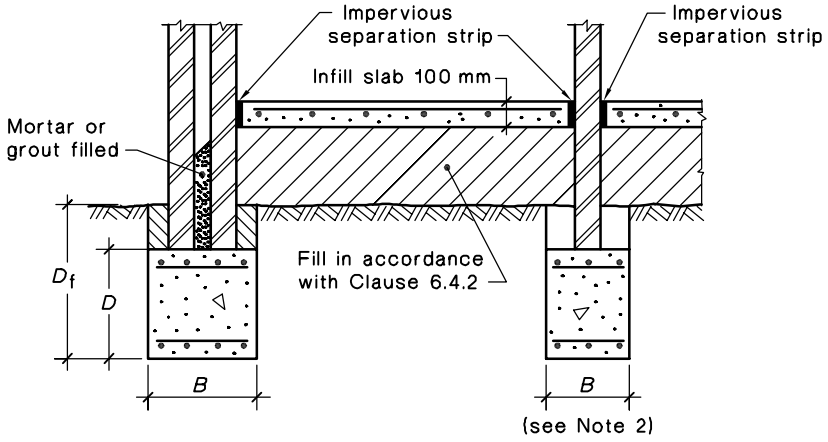
A2



(a) Suspended floors (timber or concrete single-storey construction < 4 kPa dead load)

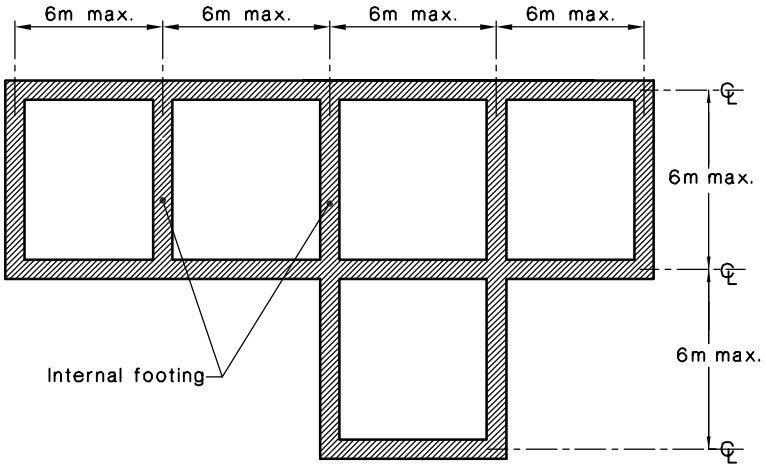


(b) Infill floor Class A and Class S sites

DIMENSIONS IN MILLIMETRES

FIGURE 3.6 (in part) STRIP FOOTING SYSTEMS

A2



(c) Example of footing system with re-entrant corners

DIMENSIONS IN MILLIMETRES

FIGURE 3.6 (in part) STRIP FOOTING SYSTEMS

A2
A3

Site class	Type of construction	*D*	*B*	Reinforce-ment	D_s	L_s
Class A	Clad frame	300	300	3-L8TM	400	—
	Articulated masonry veneer	300	300	3-L8TM	400	—
	Masonry veneer	300	300	3-L8TM	400	—
	Articulated full masonry	300	400	4-L8TM	400	—
	Full masonry	300	400	4-L8TM	400	—
Class S	Clad frame	400	300	3-L8TM	400	—
	Articulated masonry veneer	400	300	3-L8TM	400	—
	Masonry veneer	400	300	3-L8TM	400	—
	Articulated full masonry	400	400	4-L11TM	400	—
	Full masonry	500	400	4-L11TM	400	—
Class M	Clad frame	400	300	3-L11TM	500	—
	Articulated masonry veneer	450	300	3-L11TM	500	—
	Masonry veneer	500	300	3-L12TM	500	—
	Articulated full masonry	600	400	4-L12TM	500	—
	Full masonry	900 (Note 2)	400	4-L12TM	500	—
Class M-D	Clad frame	500	300	3-L11TM	800	—
	Articulated masonry veneer	550	300	3-L12TM	800	—
	Masonry veneer	700 (Note 2)	300	3-N16	800	—
	Articulated full masonry	1 100 (Note 2)	400	4-N16	800	—
Class H	Clad frame	500	300	3-L11TM	1 000	≥2 400
	Articulated masonry veneer	600	300	3-L12TM	1 000	≥2 400
	Masonry veneer	850 (Note 2)	300	3-N16	1 000	≥2 400
	Articulated full masonry	1 100 (Note 2)	400	4-N16	1 000	≥2 400

NOTES:

1 All masonry walls shall be supported on strip footings.

2 For all beams 700 m or deeper, as specified in the table above, internal footings shall be provided at no more than 6 m centres, and at re-entrant corners to continue the footings to the opposite external footing (see Figure 3.6).

Internal strip footings shall be of the same proportions as the external footing and run from external footing to external footing.

'Side slip joints' consisting of a double layer of polyethylene shall be provided at the sides of the footing only.

3 The size and thickness of pads for stumps or piers shall be selected using AS 1684. Sizes for larger loads may be selected using Appendix E.

4 Bracing forces and uplift forces to stumps may be provided for, using the details in Appendix E.

5 If strip footings deeper than those required are used the reinforcement shall be increased to match that specified for the deepened proportions.

6 Infill floors in Figure 3.6(b) shall only be used for Class A and S sites, and may be concrete slabs, brick paving stone flags or compacted or stabilized earth. For concrete slab infill panels, mesh may be required to should normally be provided (see also Clause 5.3.7). SL62 should normally be provided (see also Clause 5.3.7).

7 Where footings are wider than the specified width, an extra bar of the same bar size is required top and bottom for each 100 mm additional width.

8 $D_f \geq D + 75$ mm.

9 For site Classes M-D and H, a provision shall be made by methods such as an adequate crawl space to allow for future re-levelling due to drying effects.

FIGURE 3.6 (in part) STRIP FOOTING SYSTEMS