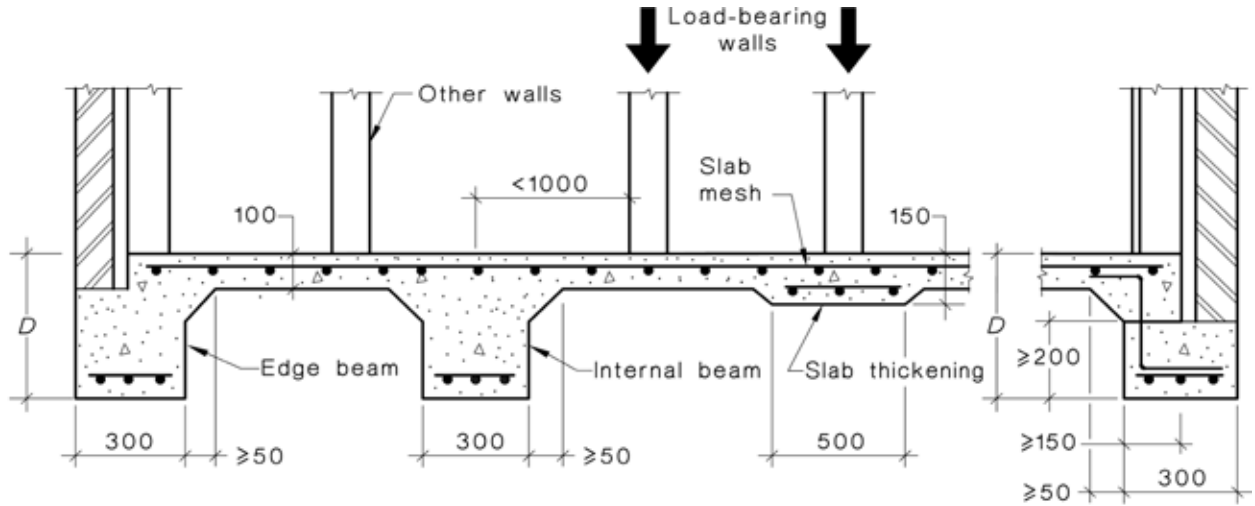


Residential Slabs & Footings

Excerpt from Australian Standard AS 2870-1996 Residential slabs and footings - Construction

Note the increased footing depth required for lower classed sites.

Building sites at Eastlyn Estate have achieved ratings at the favourable end of site classification. It can cost significantly more to build on a lot with a low classification - ask your builder.



Alternative edge detail (see Note 5 and Figure 3.3)

Site class	Type of construction	Edge and internal beams (see Note 1)			Slab mesh		
		Depth (D) mm	Bottom reinforcement	Maximum spacing centre to centre (m)	Slab length <math><18\text{m}</math>	Slab length <math>\ge 18\text{m} < 25\text{m}</math>	Slab length <math>\ge 25\text{m} & < 30\text{m}</math>
Class A	Clad frame	300	3-L8TM	—	SL72	SL82	SL92
	Articulated masonry veneer	300	3-L8TM	—	SL72	SL82	SL92
	Masonry veneer	300	3-L8TM	—	SL72	SL82	SL92
	Articulated full masonry	400	3-L8TM	—	SL72	SL82	SL92
	Full masonry	400	3-L8TM	—	SL72	SL82	SL92
Class S	Clad frame	300	3-L8TM	—	SL72	SL82	SL92
	Articulated masonry veneer	300	3-L8TM	—	SL72	SL82	SL92
	Masonry veneer	300	3-L11TM	—	SL72	SL82	SL92
	Articulated full masonry	400	3-L11TM	—	SL72	SL82	SL92
	Full masonry	450	3-L11TM	5.0(Note 2)	SL82	SL82	SL92
Class M	Clad frame	300	3-L11TM	6.0(Note 2)	SL72	SL82	SL92
	Articulated masonry veneer	400	3-L11TM	6.0(Note 2)	SL72	SL82	SL92
	Masonry veneer	400	3-L11TM	5.0(Note 2)	SL72	SL82	SL92
	Articulated full masonry	500	3-L12TM	4.0	SL82	SL82	SL92
	Full masonry	800	3-N16	4.0	SL92	SL92	SL92
Class M-D	Clad frame	400	3-L11TM	5.0(Note 2)	SL72	SL82	SL92
	Articulated masonry veneer	400	3-L11TM	4.0	SL72	SL82	SL92
	Masonry veneer	500	3-L12TM	4.0	SL82	SL82	SL92
	Articulated full masonry	625	3-L12TM	4.0	SL92	SL92	SL92
	Full masonry	—	—	—	—	—	—
Class H	Clad frame	400	3-L11TM	5.0(Note 2)	SL72	SL82	SL92
	Articulated masonry veneer	500	3-L12TM	4.0	SL82	SL82	SL92
	Masonry veneer	700	3-N16	4.0	SL92	SL92	SL92
	Articulated full masonry	1 000	4-N16	4.0	SL102	SL102	SL102
	Full masonry	—	—	—	—	—	—
Class H-D	Clad frame	500	3-L11TM	4.0	SL82	SL82	SL92
	Articulated masonry veneer	600	3-L12TM	4.0	SL92	SL92	SL92
	Masonry veneer	—	—	—	—	—	—
	Articulated full masonry (See Note 6)	1 200	4-N16	4.0	SL102	SL102	SL102
	Full masonry	—	—	—	—	—	—