

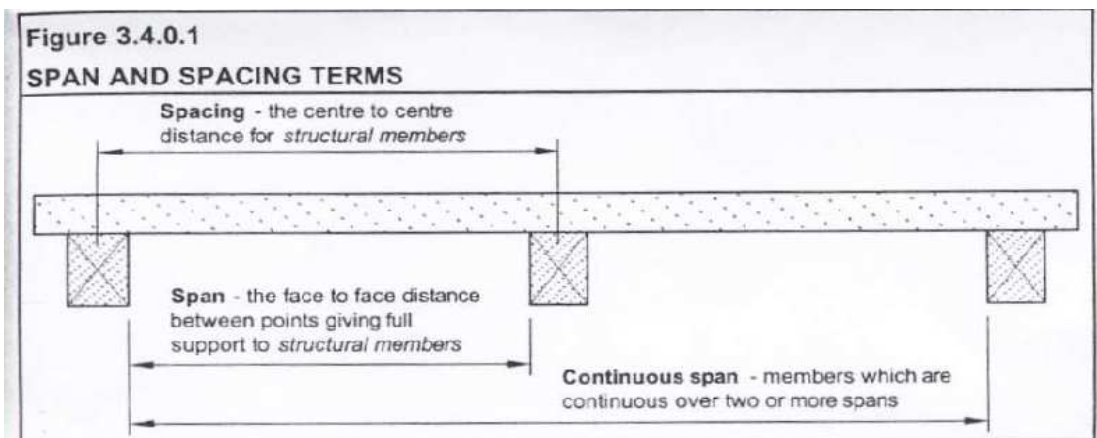
SIZING FRAMING

REVISION

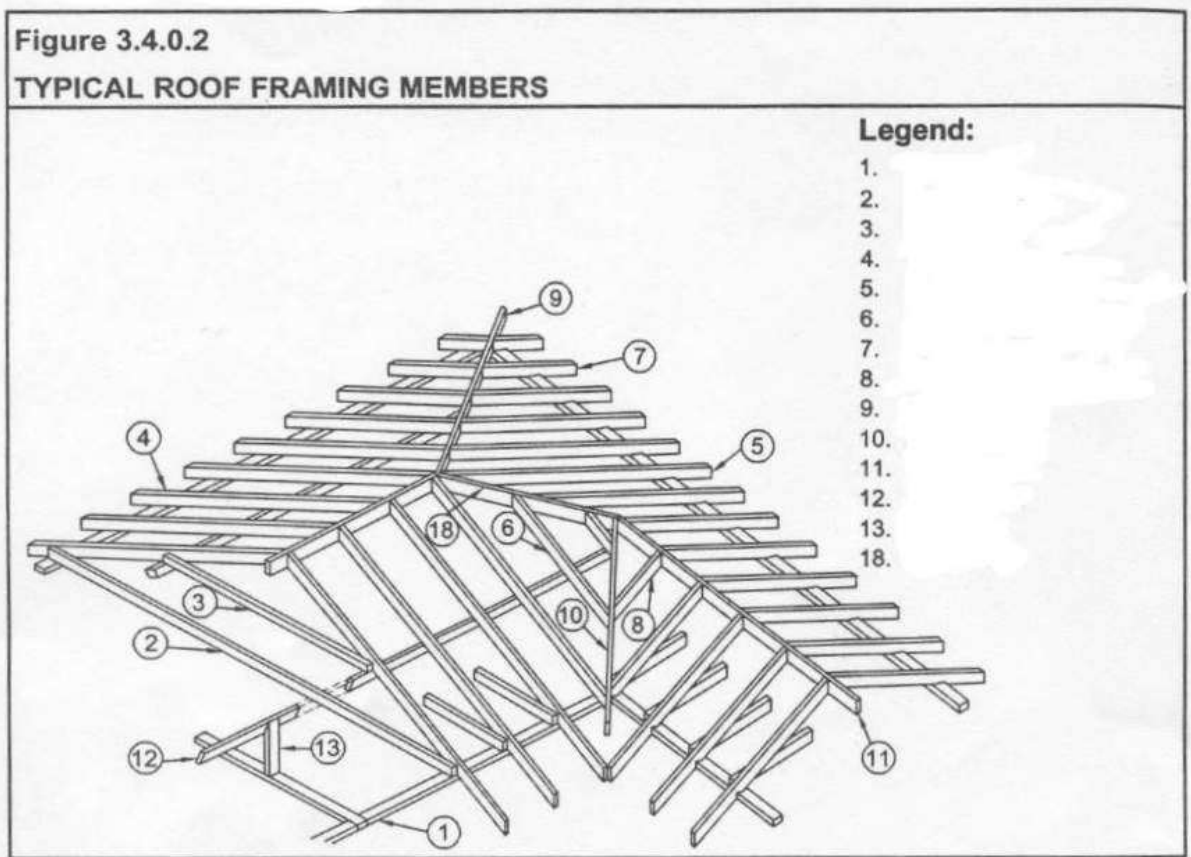
1. The top and the bottom timbers of the frame are called what?.....
2. What is the single most important item on framed building?.....
3. To make a staircase we would finish the opening with a.....
4. Beside an opening is astud
5. Over an opening is
6. The ceiling is held up by?.....
7. To find the size of a timber framing member for a house we look up what?.....

SIZING FRAMING

1. Define a Span
2. What is spacing?



3. Label the roof below



4. Draw, size and label - the footing, the sub wall, locate all engaged piers and isolated piers and caps, bearers and joists. (If you have spare time size the rafters and any lintels you have.)

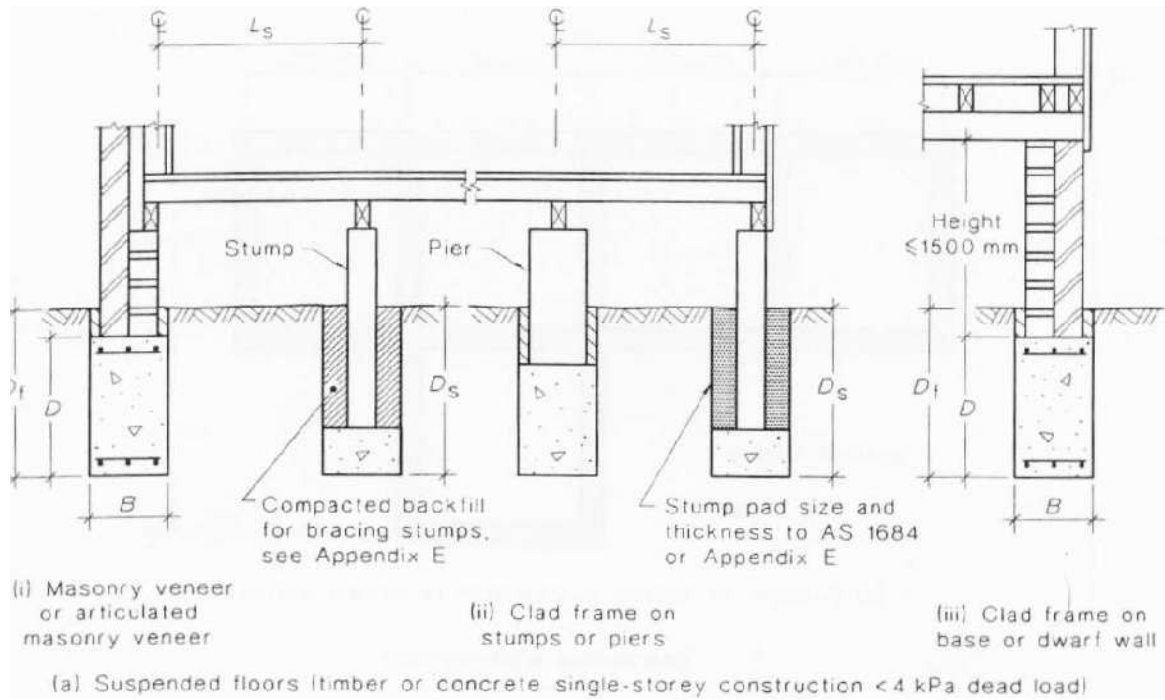


Figure 3.3)

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 < 18m	Slab length ≥ 18 & < 25m	Slab length ≥ 25m & < 30m
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	—	—	—	—	—	—

FIGURE 3.1 (in part) STIFFENED RAFT SITE CLASSES A, S, M, M-D, H, H-D