

Assum	ptions	
ribbaili		

1. The structural load is assumed to be uniformly distributed at foundation level, neglecting the effect of openings.

- The overlapping effect of foundations near the junction of two walls may be ignored.
- 3. The soil pressure distribution is assumed to be uniform in the transverse direction. A 35% increase in applied pressure may be taken when the footing is on one side of the wall and a 70% increase may be considered when the load is applied at the corner of the footing.
- 4. Effect of presence of beams in changing the load path is also ignored.
- 5. The backfill may be given half of the factor of safety against bearing (FOS = 1.5)











