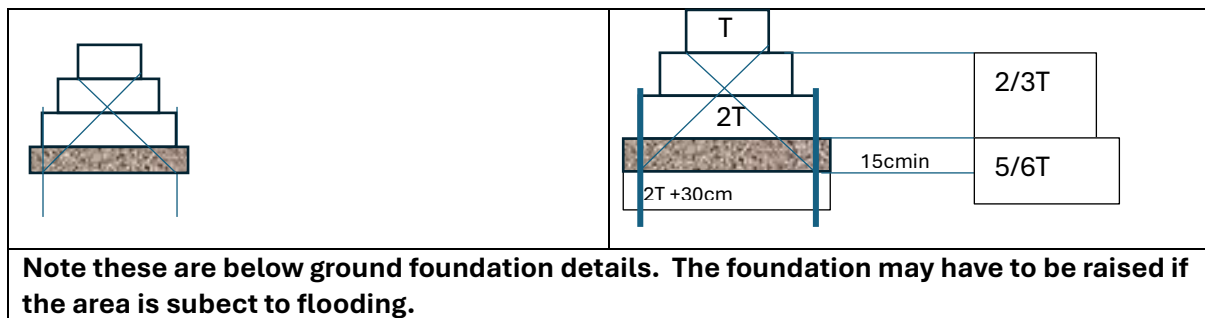


Fundamentals of foundation

How deep should the foundation be?

Please note the information given in this page is for guidance only. InnoBlocks have qualified engineers who can advise for customer's specific ground condition and house loading. The information below can be used to confirm the contractor's comment and decisions. Please contact InnoBlocks for more information and organise a civil engineer or a contractor.

The footing i.e. the base of the foundation has to be wide / big enough to take the load for the type of soil. Therefore, to build a house on a hard rock the foot of the foundation does not have to be wide. However, most of the houses are built in Very stiff builder clays, Hard or stiff clays and sandy clays, Firm clays and sandy clays, or Ordinary clay. Their load carrying capacity will vary. The depth of the foundation can be easily arrived at from the width of the foundation base. This is because the load from the wall is taken to the foot of the foundation within 45degrees angle to the horizontal as shown in the two figures below.



Typical foundation details for a single-story house in Kilinochchi and Mullaitivu area is given below.

Please note the information given in this page qualified engineers who can advise for custom loading. The information below can be used to decisions. Please contact InnoBlocks for mor a contractor.

