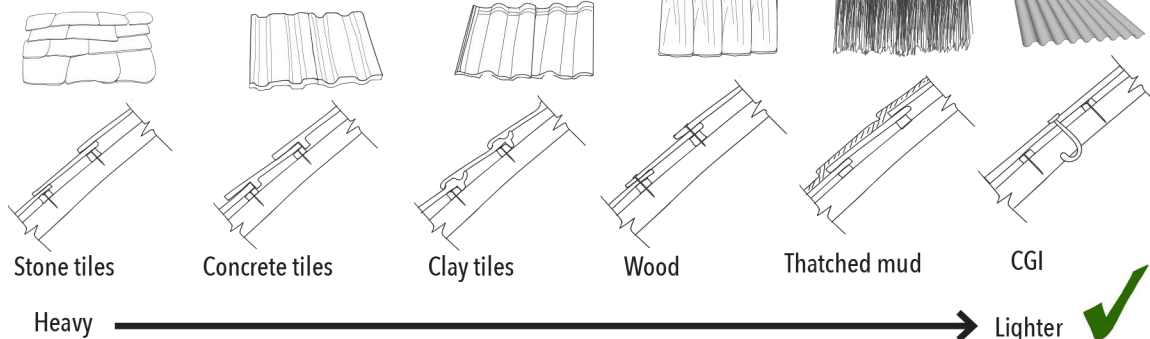




#6 : TIE YOUR ROOF DOWN

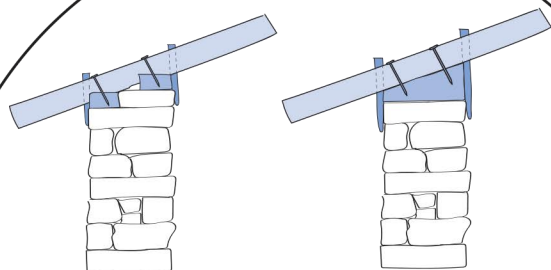
Some houses fell down because the roof collapsed pushing the walls apart.

USE LIGHTER MATERIALS



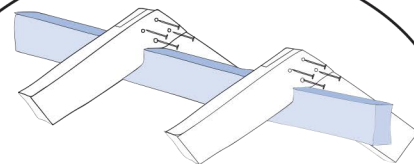
USE STRONG ROOF CONNECTIONS

Use a wall plate at the top of your walls and firmly tie your roof to it. Make sure your rafters have a strong connection with the ridge beam.

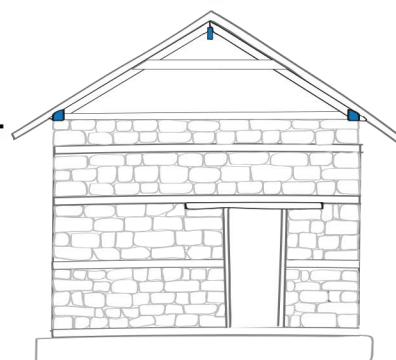


Roof and wall plate connection #1

Roof and wall plate connection #2

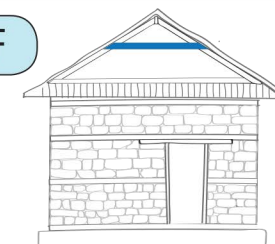


Ridge beam and rafter connection.

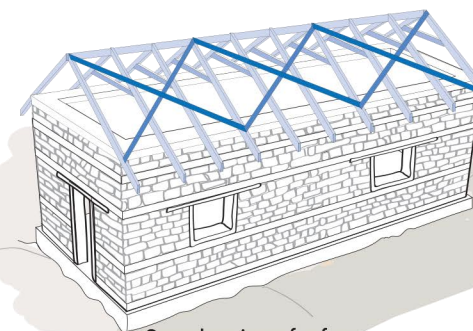


BRACE YOU R ROOF

Your roof is like the top of a box, a stiffer roof will give you a stronger house.



Collar tie



Cross bracing of rafters.



Government of Nepal
Ministry of Urban Development
Department of Urban Development
and Building Construction



Shelter Cluster Nepal
ShelterCluster.org
Coordinating Humanitarian Shelter

KEY MESSAGE
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DRAFT- 03/NOV/2015