#6: TIE YOUR ROOF DOWN

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

USE LIGHTER MATERIALS

- Stone tiles
- Concrete tiles
- Clay tiles
- Wood
- Thatched mud
- CGI

Heavy ——— Lighter

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

BRACE YOUR ROOF

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

- Ridge beam and rafter connection.
- Collar tie
- Cross bracing of rafters.