

SUMMARY

- Report the damage of your home to the local authorities and consult a technical person to assess the damage. Check if your home can be retrofitted.
- If your home needs to be demolished, hire experienced workers to demolish your home.
- If you have to demolish your home by yourself please consider the suggestions shown below.

1 PREPARATION

- **WEAR PROTECTIVE CLOTHING:** Protect your head, eyes, lungs, body, hands, and feet.
- **KEEP OTHERS AWAY FROM DEMOLITION AREA:** Keep your family, neighbors, and livestock away from the demolition area.
- **DISCONNECT ELECTRICITY:** Disconnecting electricity by yourself is not safe! Contact the Nepal Electricity Authority for additional information.
- **IF SAFE, REMOVE FLAMMABLE ITEMS:** Only enter your home if it is safe.

2 DEMOLITION

- **NEVER WORK ALONE:** Falling debris can be dangerous. Make sure no one works below you.
- **BE CAREFUL WITH RUSTED NAILS:** Rusted nails and rusted CGI can infect you with Tetanus.
- **WORK FROM A SAFE DISTANCE AWAY:** Work from the outside of the building at all times. Use long rope to pull objects away from the building, and use long bamboo to push objects into the building.
- **DEMOLISH FROM THE TOP DOWN:** Provide shoring from the outside of the building if possible, and then begin demolition at the roof level and work downward toward the ground level. Remove unsafe and hanging objects first.

3 MATERIAL SALVAGING

- **SEPARATE GOOD QUALITY MATERIAL FROM YOUR DEMOLISHED HOME:** Long and rectangular shaped stones are ideal. Cracked bricks, cracked roof tiles, cracked wood, wood with fungus, bent CGI, and rusted CGI should not be reused to build your new home.
- **CHECK BRICK STRENGTH WITH DROP TEST:** Test strength by dropping the brick from shoulder height onto a hard surface. After dropping the brick inspect for cracks.
- **CHECK STONE STRENGTH WITH DROP TEST:** Test strength by dropping the stone from shoulder height onto a hard surface. After dropping the stone inspect for cracks.
- **CHECK WOOD STRENGTH WITH STANDING TEST:** Support the wood on two stones spaced one meter apart, or two hands apart. To test strength stand at the midpoint of the wood span and listen for cracks.

4 MATERIAL REUSE AND STORAGE

- **SALVAGED MATERIAL CAN BE USED TO IMPROVE TEMPORARY SHELTERS:** Wood can be used to build a frame for your temporary shelter. CGI can be used to infill the roof and walls. Large stones can be used as foundations for wall posts.
- **SALVAGED STONES CAN BE USED TO FILL GABION CAGES:** Stones can also be used to infill roads, walkways, and stairs.
- **SALVAGED MATERIAL CAN BE SOLD:** Good quality wood, CGI, and brick can be sold to local homeowners, local craftsmen, or local masons.
- **SALVAGED MATERIAL CAN BE STORED FOR FUTURE USE:** Wood and CGI should be kept clean, dry, and off the ground. Remove excess mortar from bricks prior to storage, and when storing wood provide space between wood members so moisture cannot be trapped.

RECOMMENDATIONS FOR HOMEOWNERS

DEMOLITION, MATERIAL SALVAGING, MATERIAL REUSE, AND STORAGE



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DEMOLITION, MATERIAL SALVAGING, MATERIAL REUSE, AND STORAGE

1 PREPARATION

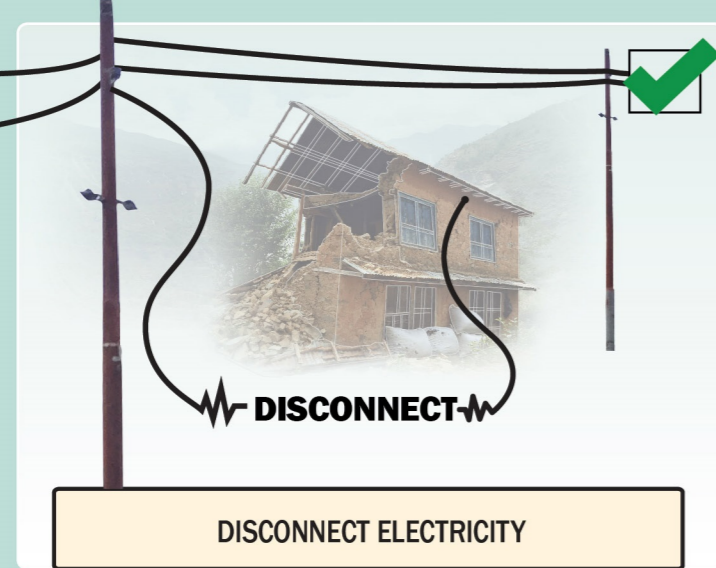
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WEAR PROTECTIVE CLOTHING



KEEP OTHERS AWAY FROM DEMOLITION AREA



DISCONNECT ELECTRICITY



IF SAFE, REMOVE FLAMMABLE ITEMS

2 DEMOLITION



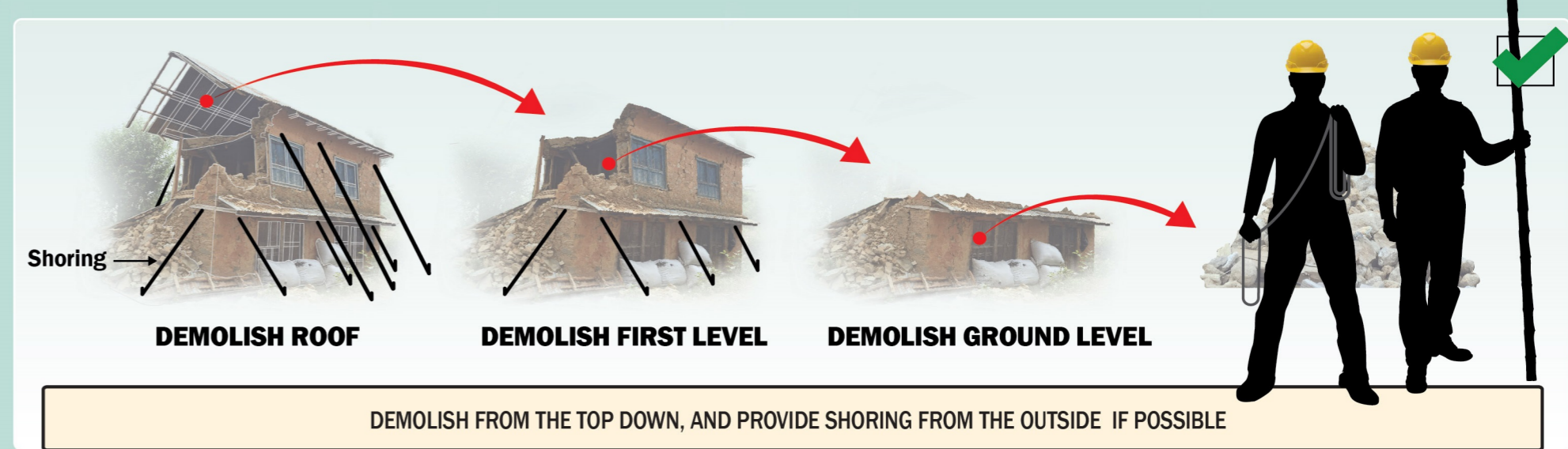
NEVER WORK ALONE



BE CAREFUL WITH RUSTED NAILS



WORK FROM A SAFE DISTANCE AWAY



4 MATERIAL REUSE AND STORAGE

FUTURE HOME



SALVAGED MATERIAL CAN BE SOLD



SALVAGED MATERIAL CAN BE USED TO IMPROVE TEMPORARY SHELTERS



SALVAGED MATERIAL CAN BE STORED FOR FUTURE USE

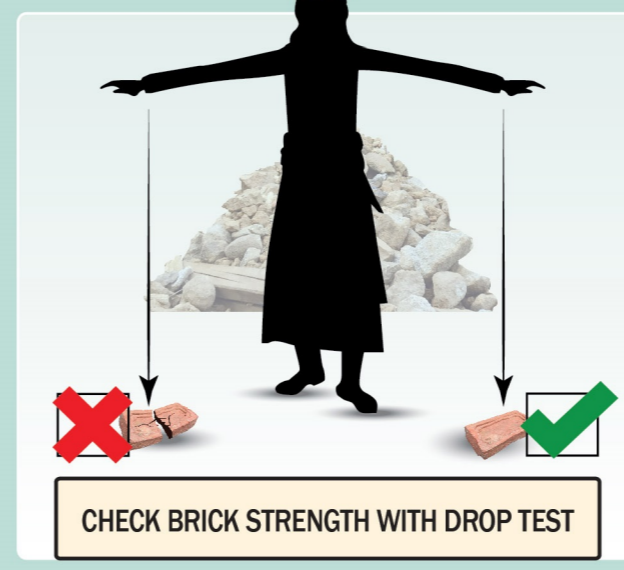


SALVAGED STONES CAN BE USED TO FILL GABION CAGES

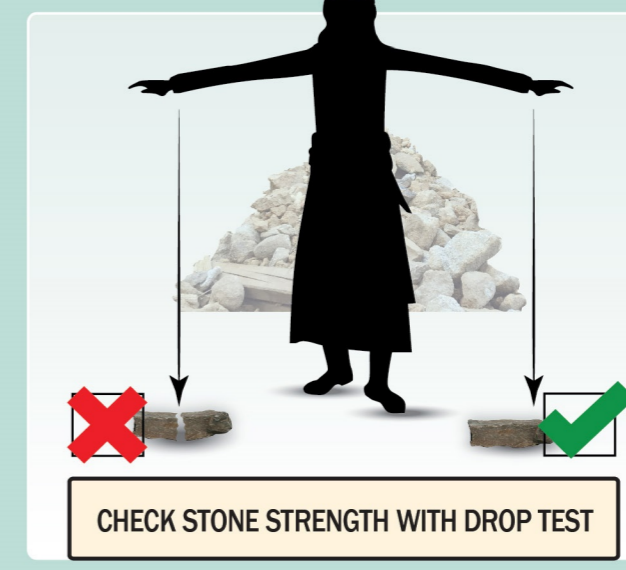
3 MATERIAL SALVAGING



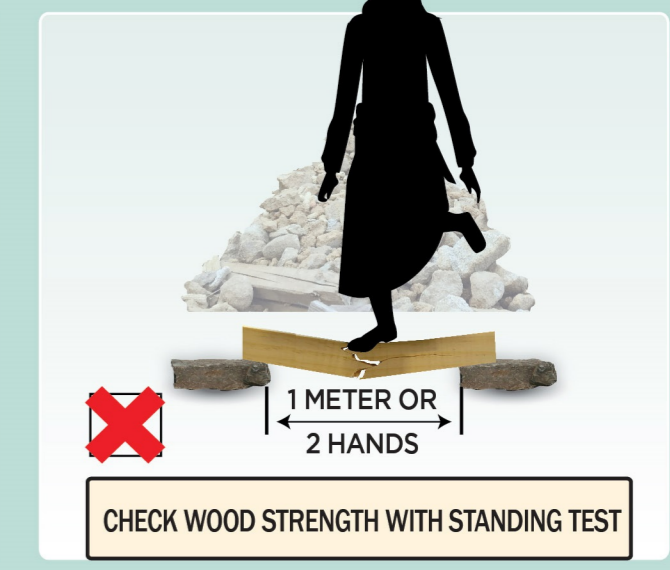
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CHECK WOOD STRENGTH WITH STANDING TEST