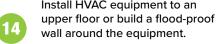
## MAKE YOUR ELEMENT ICF HOME

## **MORE FLOOD RESILIENT**

FLOODING CAN OCCUR ANYWHERE, OFTEN WITH LITTLE OR NO WARNING. THESE PROACTIVE STEPS CAN HELP YOU REDUCE THE RISK OF A FLOOD

- Design the home to be on stilts (above the flood lines).
- Anchor outside fuel tanks.
- Use an ICF floor system for the main floors of the home, or design the home to be slabon-grade or with a frost-protected shallow foundation.
- Install exterior electrical meter box and power points above flood
- Avoid building a basement in flood prone areas or areas with high water tables.
- Place interior switches, sockets. circuit breakers and wiring at least 12 inches above expected flood levels.
- If you do build a basement, install double waterproofing (such as a layer of peel-andstick and then a layer of dimple board) to protect the membrane and relieve hydrostatic pressue against the wall.
- Install an interior or exterior sewer backflow valve.

- Use free-draining backfill such as sand against the basement wall.
- Install a sump pump and ensure the battery remains fully charged.
- Install the waterproof membrane up to a height above flood lines.
- Protect your well from flood contamination by having a licensed contractor inspect it and suggest safety improvements.
- Direct water away from the building by making sure your yard slopes away from the house.
- Install HVAC equipment to an wall around the equipment.





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