

**Resilience works:** Raised and retrofitted

**Typology:** High-set elevated, lightweight framing

A homeowner has had to rebuild both her life and home twice due to riverine flooding.

Relocating was never an option — she loves her home and suburb too much — but extensive resilience works have been undertaken to help ensure the home should never flood again, considering the home is at a high risk of flooding, in frequency and in height.

The homeowner had resilience works completed through the Brisbane City Council (BCC) Flood



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Resilient Homes Program. These works included painting of the internal pine frames, fibre cement sheeting and internal wall linings, hardwood skirtings, raising of internal and external services and electrical, flush door sills, water-resistant kitchen cabinetry, and subfloor weep holes.

Unfortunately, those flood-resilient works were put to the test much earlier than expected when the home flooded again in 2022.

“It was pretty disappointing, and I just thought ‘not again,’” the homeowner recalls.

If there was a positive from the 2022 experience, it was that the resilience measures held up well — the kitchen only needed to be washed out.

There was minimal damage and disruption apart from the non-resilient floors, which needed replacing.

She was later able to access funding to raise the home — by 4 metres — to further increase its resilience.

“I love this house; it backs on to a park,” she says. “It’s horrible when it (flooding) happens, but it’s just such a lovely area — the park, coffee shops and restaurants. It’s nice and quiet and I feel so lucky.

“(After the raise) I have a lot more confidence I won’t find myself in the same position again.

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– Homeowner