

Brisbane Homeowners Turn to Flood-Resilient Architecture as Weather Risks Escalate

Brisbane Flood-Resilient Homes: dion seminara architecture Responds to Rising Climate Risks

BRISBANE, QUEENSLAND, AUSTRALIA, June 30, 2025 /EINPresswire.com/ -- dion seminara architecture has noted an increase in enquiries related to flood-resilient home design following recent Brisbane flood events. In response, the firm is sharing examples of architectural approaches that address residential flood risk in South-East Queensland.

[Recent data from the Bureau of Meteorology](#) (BOM) suggests

Queensland will face more frequent and intense rainfall events as a result of climate change. Combined with the impact of the 2022 Brisbane floods, which affected over 23,000 homes across 177 suburbs, demand for climate-adaptive homes is rising sharply.

“

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Dion Seminara



A concept rendering of the award winning, Grantham Flood-Proof House, designed by dion seminara architecture to withstand severe flood events with elevated living zones, breakaway fencing, and non-habitable ground floor areas.

While every site presents unique challenges, dion seminara architecture explores strategies such as raising living zones, using climate-conscious materials, and rethinking site layouts to improve water flow and building durability. The firm's approach aims to mitigate environmental risk while maintaining the liveability and functionality of the home. As the national conversation around flood-resilient housing evolves, dion seminara architecture continues to contribute to the development of bespoke, climate-

adaptive homes tailored to Brisbane's unique conditions.

One such example is the firm's award-winning [Grantham Flood-Proof House](#), a pre-designed concept developed in response to the devastating 2011 floods. Elevated well above predicted

flood levels, the home incorporates undercroft space for non-habitable use, breakaway fencing to reduce structural pressure during flooding, and orientation techniques that support ventilation, light, and long-term resilience.

“Our clients are increasingly asking for homes that are better prepared for Queensland’s extreme weather,” said Director Dion Seminara. “Designing with flood resilience in mind is becoming an essential part of responsible architectural planning.” Given Brisbane’s ongoing flood risk, dion seminara architecture applies site-specific planning and design methods to help improve residential preparedness and durability.

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