
BUILDING ADVISORY SERVICES BRANCH

BUILDING NOTE

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BRICK VENEER DESIGN AND CONSTRUCTION

The Northern Territory appendix to the Building Code of Australia 1996 (BCA96) Volume 1 NT appendix B1.2 clause 4 and Volume 2 clause 3.10.1.0 (g) (NT requirement) requires:-

'Masonry veneer construction must be designed so that the structural framing, to which the masonry veneer is tied, will ensure the stability of the masonry veneer'.

The intention of this NT requirement is to ensure that the masonry veneer remains securely in place during a design cyclone event (ultimate loads) and that it will remain serviceable (ie. will not require rebuilding) after the event.

On recommendation from the Building Advisory Committee the following requirements have been adopted to ensure that the structural engineers design and on site construction complies with the NT requirement:-

- i) Structural engineers certification must include confirmation that the design complies with the NT requirement.
- ii) Permit to Build documents are to include full structural engineers design specifications required for the brick veneer wall assembly to meet the NT requirement. This would include such items as suitable brick tie types, brick tie locations (spacing, pattern), cavity width, fixing of brick tie to frame, mortar strength etc.
- iii) Suitable verification is required to ensure construction complies with the specified details. Building certifiers inspection/s of the brick veneer during construction or structural engineers construction certification is suitable.



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