

This residential project in Middle Cove involved alterations and additions to an existing two level home set on a battle axe block. The existing home comprised of three bedrooms and a double, attached garage. The irregularly shaped property is 1026m<sup>2</sup> and the surrounding context is predominantly detached dwellings.

Demolition of part of the existing second level roof allowed for a third level has been added above the existing second level ceiling to include a new master bedroom with en-suite and walk in robe, study area and extra storage. A new opening in the existing second level ceiling was created above the existing stair to accommodate new vertical circulation. The extension has been constructed using a lightweight frame, clad and rendered, with a skillion, sheet metal roof, in keeping with the materiality of the surroundings, the form of the existing dwelling and the topography in the locality. A blend of fixed and louvered fenestration takes advantage of the easterly views and northern light.

External finishes and forms have been designed to blend seamlessly with the existing. Interiors include clean, minimal detailing and textures from cork wallpaper to timber vanities and limestone bathroom fixtures. Built-in daybeds in the main bedroom and study provide framed views over the heavily treed suburbs and distant water, whilst providing useful storage below.

One of the main aims of the design was to allow plentiful natural light to enter the new spaces. Large glazed surfaces along the eastern façade and skylights within the western robe space have reduced the need for artificial lighting in daylight hours. Inclusion of insulation to the roof space along with eave vents and cross ventilating windows allows reduced heat gain in Summer. This, combined with reduced heat loss through windows by way of varied levels of glass protection from internal blinds, results in the extension not requiring air conditioning.

The majority of new windows have been positioned to the east and at a high level resulting in no overlooking to neighbouring dwellings or privacy issues for the subject property. Neighbouring dwellings in this direction are at a much lower level and are protected by the natural topography and established landscaping.

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