



2002

design team:
peter latemore

Category 1

Custom designed homes
up to 200m²

harbottle residence

client brief

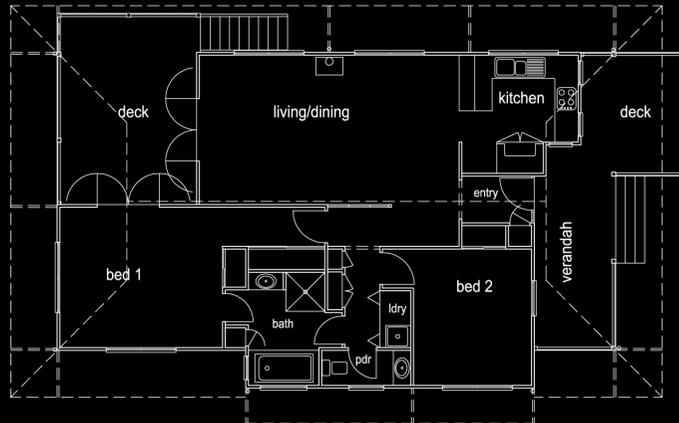
Owners were after a special building that would act as a retreat from their busy Brisbane lives. In addition they suspected that many guests would want to visit, meaning it had to be designed to suit more than a couple on occasion. So, it emerged that it needed to be the size of a small house, but to look like a cottage - a challenge to any designer. It also had to be somewhat low maintenance and not too costly. Designer had to consider that car storage so elevated the rear of the building. Designer had to also consider any future extensions as the owners wished to retire in this location.

design issues

A major issue is the climate of Maleny. It enjoys pleasant summer temperatures, but has considerable rainfall. A major reason for purchasing the property, was to enjoy the excellent views to the mountains. However this view is to the west.

resolution

Considerable effort was given to solving these issues. The final solution was achieved by marrying a simple roof shape over a plan layout that stepped in and out of the roof rectangle. Large propped overhangs were added all around the building that allow shading in summer and access to winter sun. The overhang also means that all windows can be opened during rainfall which is important in such a humid location. A side benefit of the overhangs was that it enlarged the roof area to allow for maximum water catchment into tanks. In addition, the building was orientated with the long living side faced directly north, with decks placed on east and west ends. In this way, the decks provide shelter from early and late summer sun.



floor plan



northern elevation