

House Precedent Study for Princeton house / Levenbetts (Princeton, NJ) Alan Yang, Design III, Prof Yang



Design Concepts:

The house is a simple design that try to connect the nature with designing big window in the kitchens, hallway, dining room and living room. It also allowing nature light get into the house throughout the day and a better view through the landscape. The center of the courtyard is a garden that creates an interior/exterior space. Both windows and garden are design for ventilation to occur throughout the house.

Sustainable Design Principles:

Using the idea of passive solar heating and cross ventilation for saving energy.

Design by Levenbetts

Built in 2014

Location: Princeton,
United States

Square footage: 2500



Entry of the house



Library



Kitchen



Working Room



Garden



View of the house



Living Room



Dining Room



Bathroom

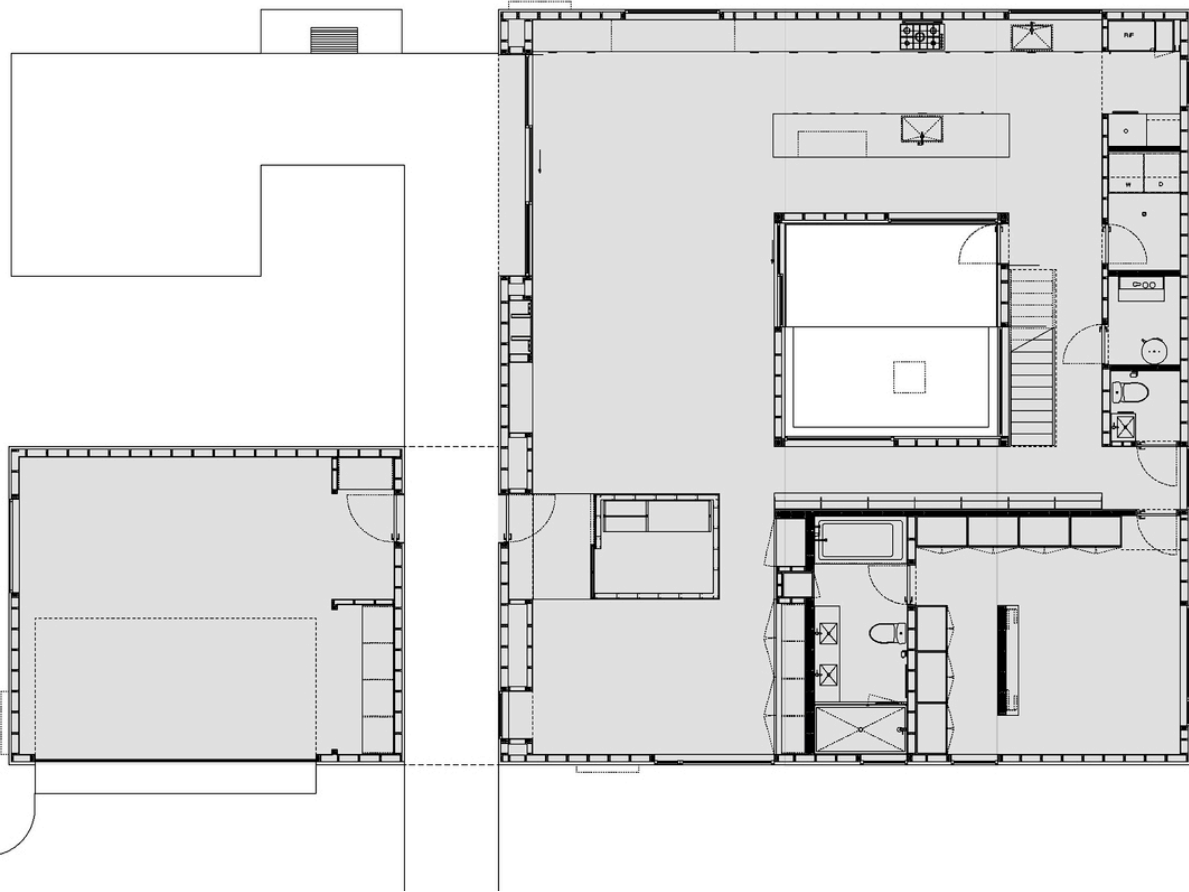


Garden

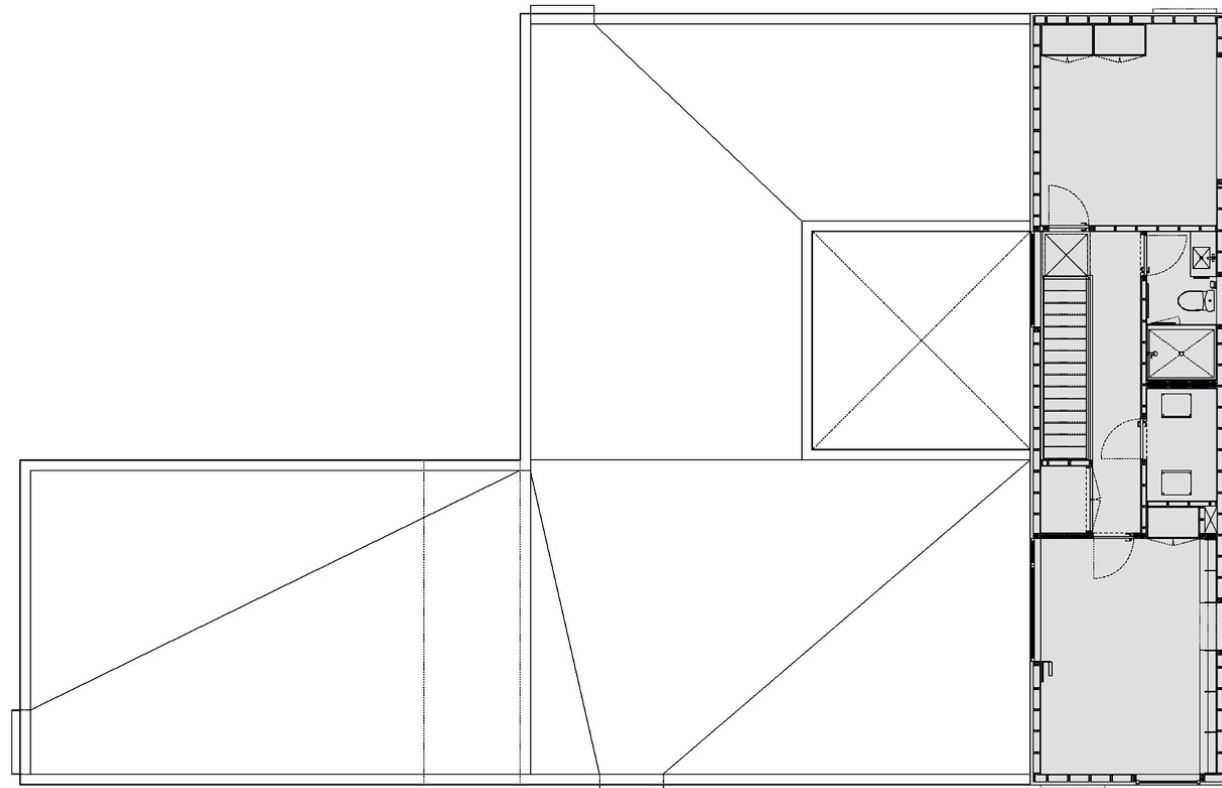
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Description of the plan:

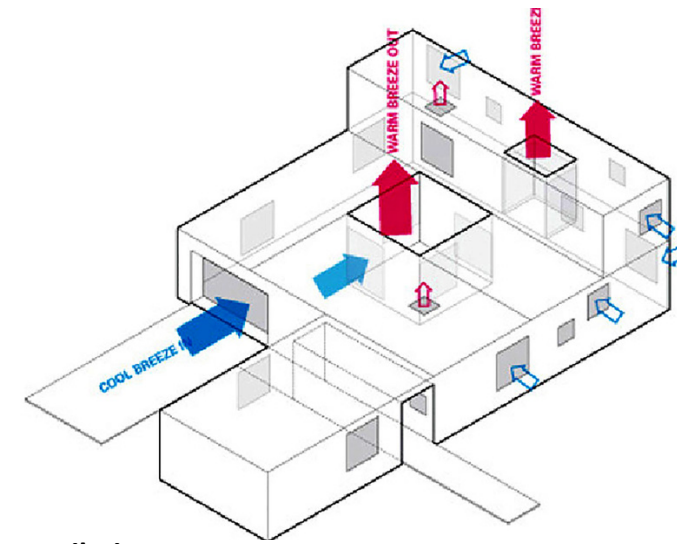
The Princeton House has two stories. It has three or more bedrooms. Each story has a bathroom. In the center of the house is a garden visitor can enter through the door. This house has many big windows throughout the whole house. Only first floor has the kitchen and dining room. It also has bookshelves in the hallway that next to the garden.



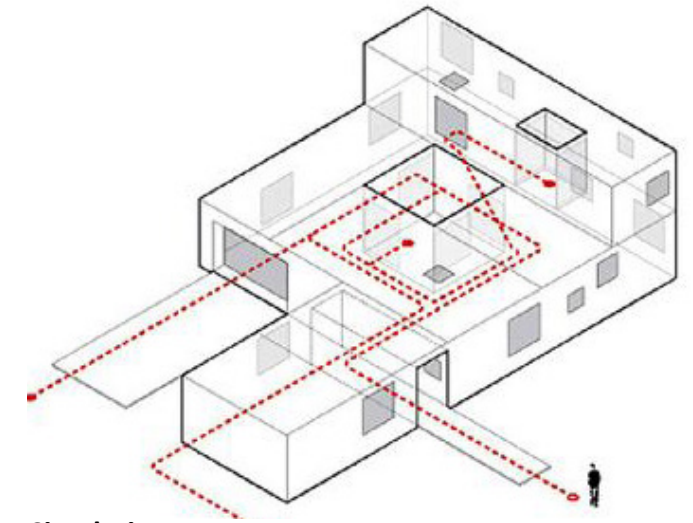
First Floor Plan



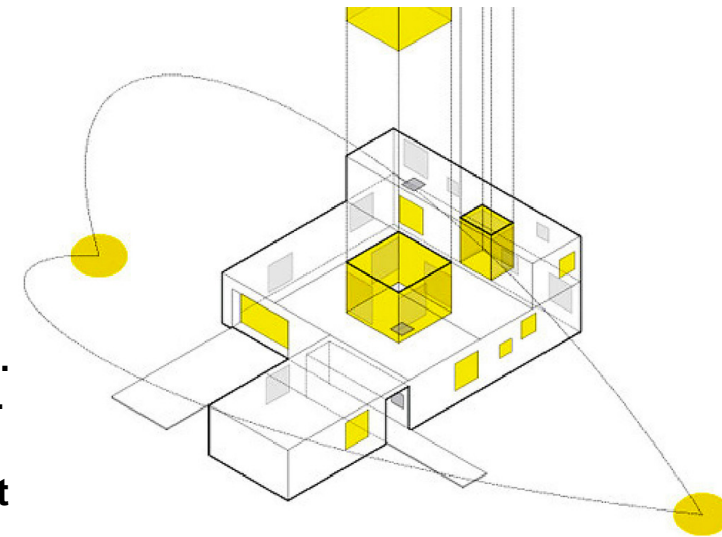
Second Floor Plan



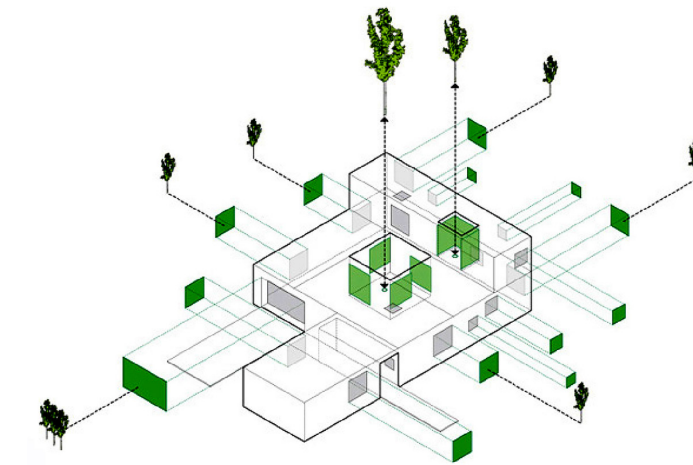
Ventilation



Circulation



Sun path and sun light through the window



Views of the flowers and trees

