The House needs food, cooking fuel, heat in cold weather, hot water, lights, etc. It gives shelter and warmth for people. The chicken can supply some of these needs (food, feathers, methane). It also consumes most food waste coming from the kitchen.

The Garden needs fertiliser, mulch, water. It gives leaves, seeds, and vegetables. The chicken provides manures and eats surplus garden products. Chicken-pens close to the garden ensure easy collection of manures and a throw-over-the-fence feeding system. Chickens can be let into the garden, but only under controlled circumstances.

The Greenhouse needs carbon dioxide for plants, methane for germination, manure, heat, and water. It gives heat by day, and food for people, with some crop wastes for chickens. The chickens can obviously supply many of these needs, and utilise most of the wastes. It can also supply night heat to the greenhouse in the form of body heat if we place the chicken-house adjoining it.

The Orchard needs weeding, pest control, manure, and some pruning. It gives food (fruit and nuts), and provides insects for chicken forage. Thus, the orchard and the chicken can interact beneficially if the chickens are allowed in from time to time.

The Woodlot needs management, fire control, perhaps pest control, and some manure. It gives solid fuel, berries, seeds, insects, shelter, and some warmth. Chickens can roost in the trees, feed upon insect larvae, and assist in fire control by scratching or grazing fuels such as grasses.

The Cropland needs ploughing, manuring, seeding, harvesting, and storage of crops. It gives food for chickens and people. Chickens have a part to play as manure providers and cultivators (a large number of chickens on a small area will effectively clear all vegetation and turn the soil over by scratching.

The Pasture needs cropping, manuring, and storage of hay or silage. It gives food for animals (worms and insects included).

The Pond needs some manure. It yields fish, water plants as food, and can reflect light and absorb heat.

Now we have all the information needed to sketch a plan of the chicken run, to decide where fences, shelters, nests, trees, seed and green crops, ponds, greenhouses, and processing centres will go relative to the chicken.