

## WHAT IS PERMACULTURE?

Permaculture is a DESIGN SYSTEM for creating "Permanent (Agri-) Culture."

### **Ethical Prime Directives:**

- Take responsibility for ourselves & our children
- Care of the Earth & People
- Cooperation, not competition, supports these goals; 2 ways to ask a question;  
Work with Nature, not against her. Use nature as a model.
- Setting limits to Population & Consumption

### **Design Principles:**

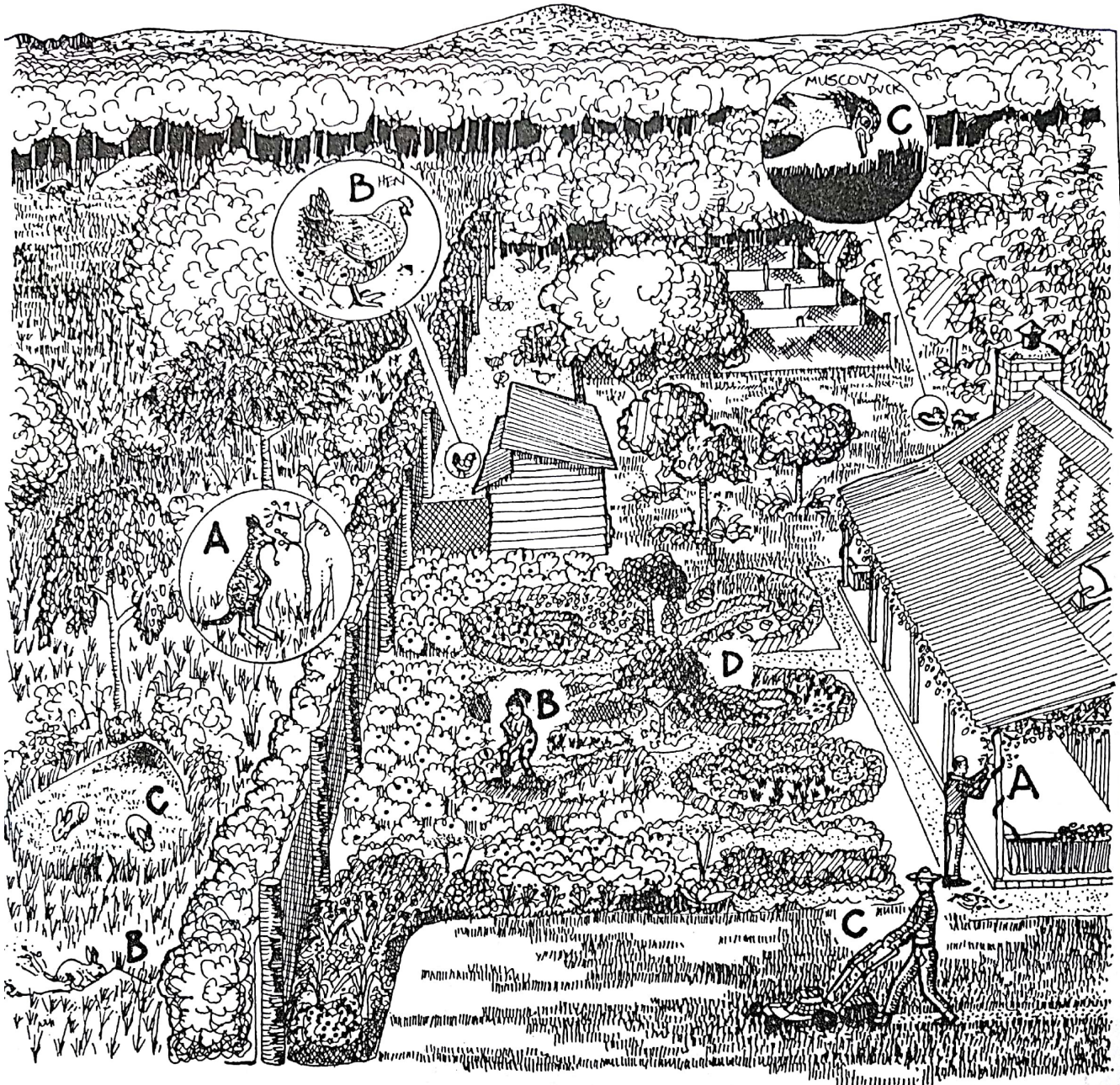
- The Problem is the solution; or turn a problem into a resource
- Everything gardens (slide)
- Before we look for answers, be sure we are asking the right questions
- Multiple functions for single elements: Living fences/windbreaks; Mulch
- Analysis and matching of needs and yields. Make connections. Chickens
- Pollutants are unused yields
- Lots of products and no pollutants VS 1 product plus pollutants
- Zones: For efficiency and saving work
- Sectors: For making use of and protecting from energy flows entering and leaving the site.
- Do the least work for the most effect; the roles of humans are designer, planter, and harvester.

### **Resources/Assets**

- Degenerative: These degrade and need maintenance: houses, cars, etc. Limit these to our needs.
- Generative: Tools which create wealth if used; if you don't use them, recycle them
- Procreative: Living assets; they gain value with time. Fruit trees, livestock, Fish stocks; invest in these for true wealth.

### **Invisible Structures**

- Community and Conservation land trusts
- Money analysis: What can we do with it? Physical, social, spiritual values
- Revolving loan funds; LETS: Local Exchange Trading System
- Coop businesses;
- Ethical investments: Life supporting firms that produce durable, Repairable, and re-usable products (Green Century, Patagonia, REI, etc.)

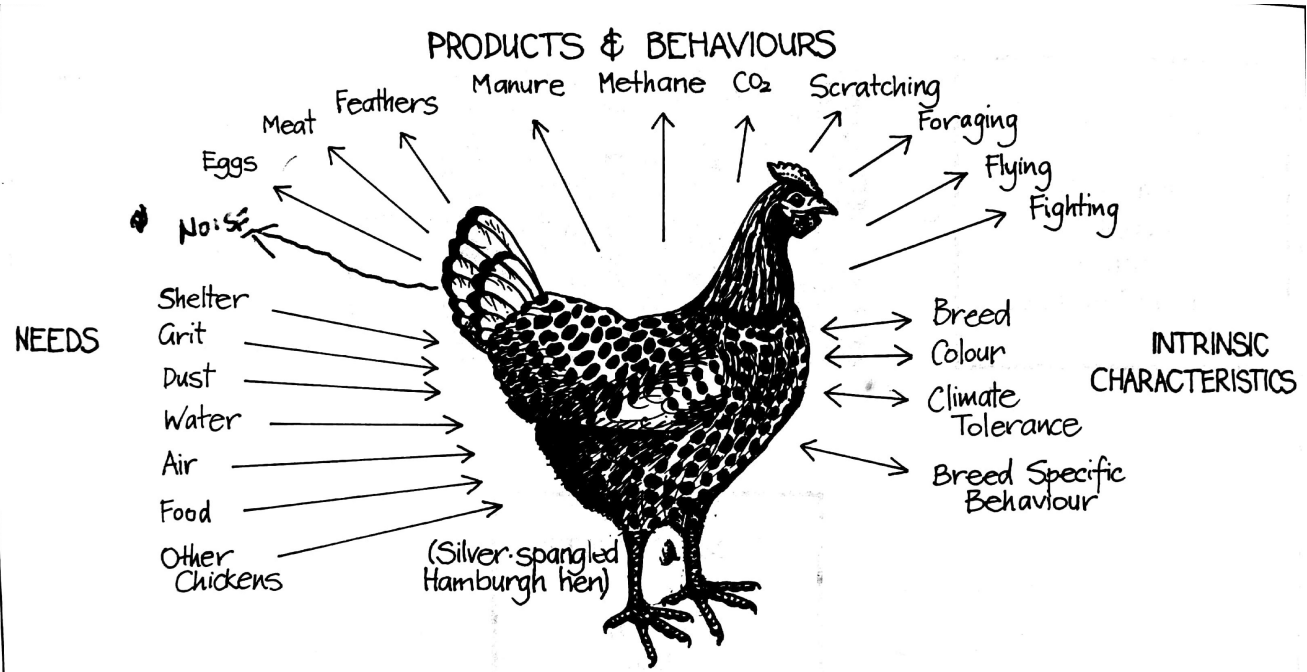


**FIGURE 2.2**  
**EVERYTHING GARDENS.**

A – Pruning, B – Digging, C – Mowing, D – Typical plant assembly for species. Some species (*Oryctolagus*, *Cuniculus*, *Macropus*, *Gallus*, *Cairina*, and *Homo sapiens*) at work in their fields. Plants

developed by each species are maintained in similar deflection states as lawns, pruned trees, flat weeds, and characteristic herbage around dwellings.



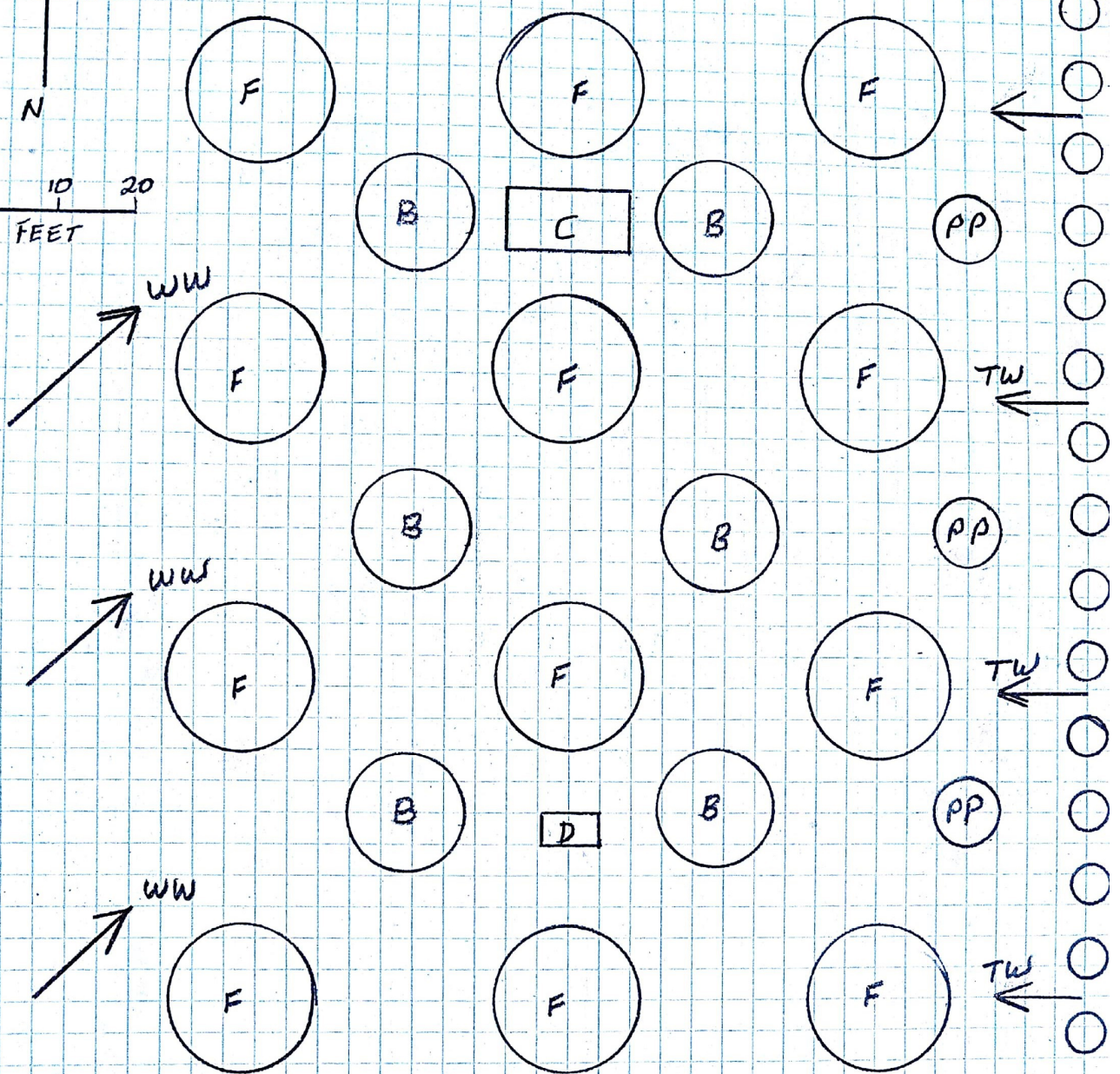
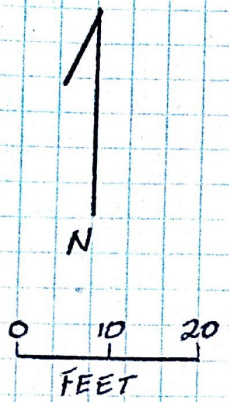


**FIGURE 3.1**  
**PRODUCTS AND BEHAVIOURS OF A HEN.**

Analysis of these inputs and outputs are critical to self-governing

design. A deficit in inputs creates *work*, whereas a deficit in output use creates *pollution*.

# HAWAII ORCHARD DESIGN

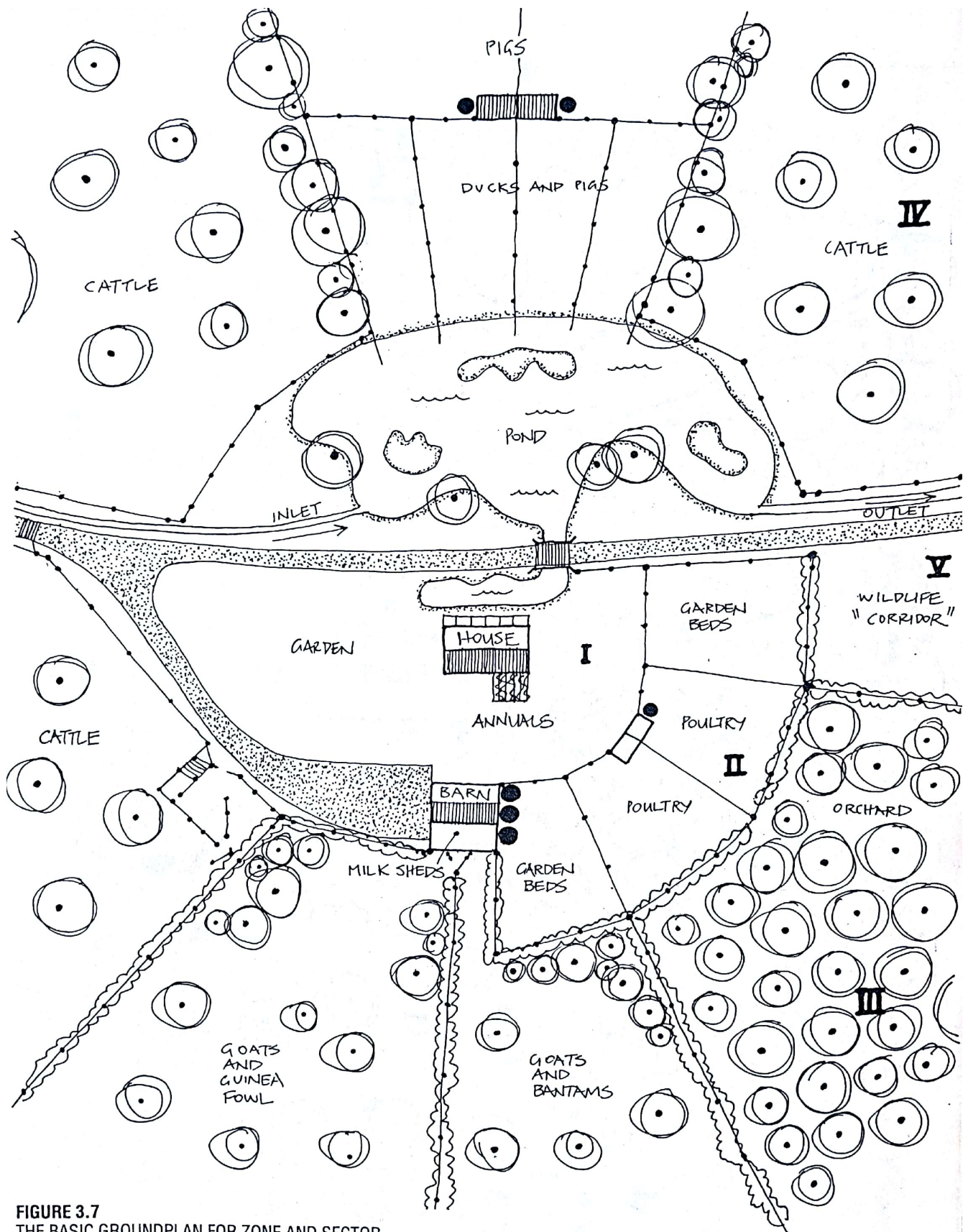


- F - FRUIT TREES
- B - BANANAS - POTASSIUM
- C - CHICKEN TRACTOR
- D - DUCK SHELTER
- PP - PIGEON PEAS - NITROGEN
- TW - TRADE WINDS
- WW - WATER WINDS
- WB - WIND BREAK - NITROGEN

BY KEN BOCHE







**FIGURE 3.7**  
**THE BASIC GROUNDPLAN FOR ZONE AND SECTOR**  
**ANALYSIS.**  
 If this pattern only is carefully applied to a site great benefits result.





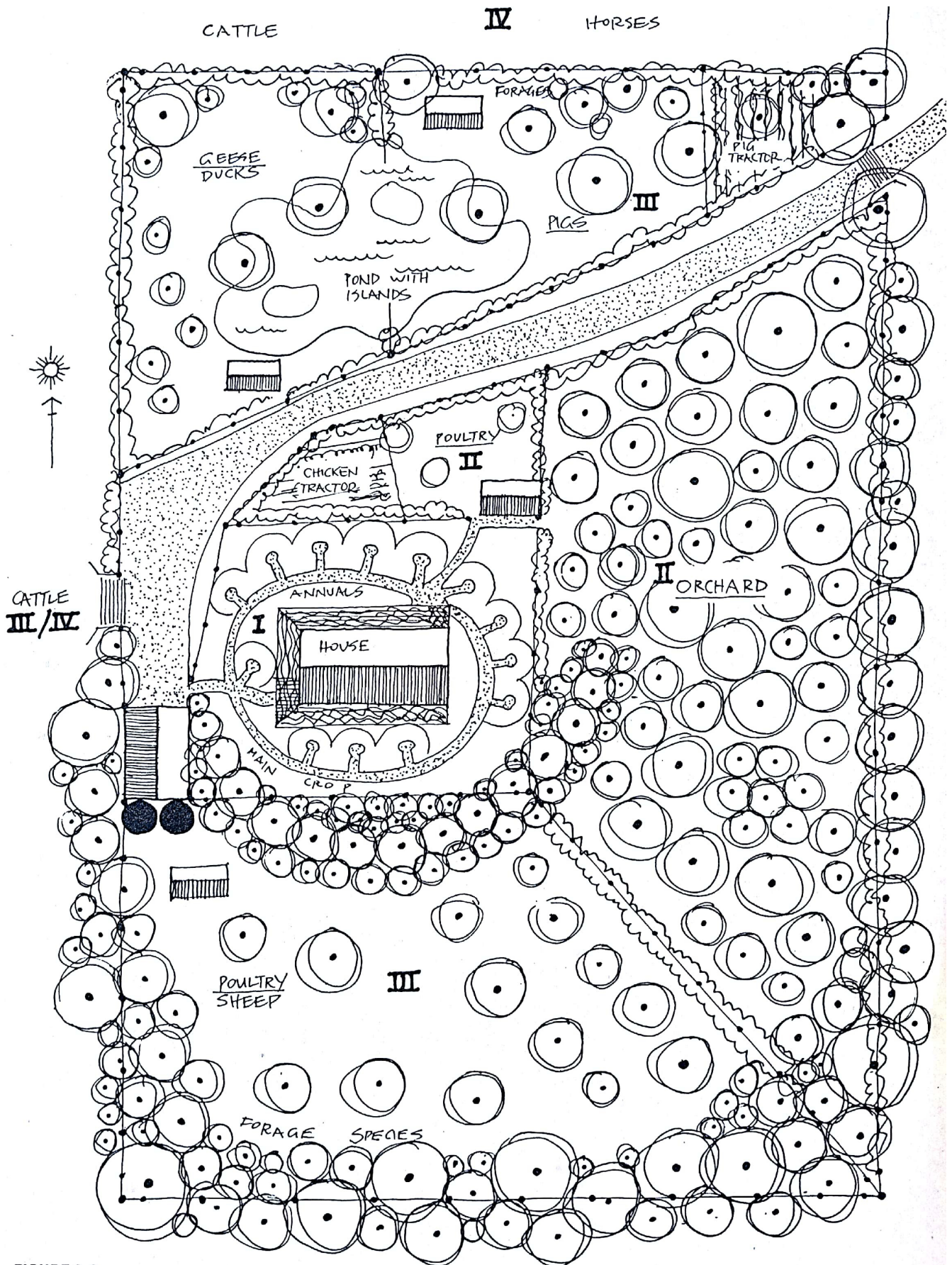
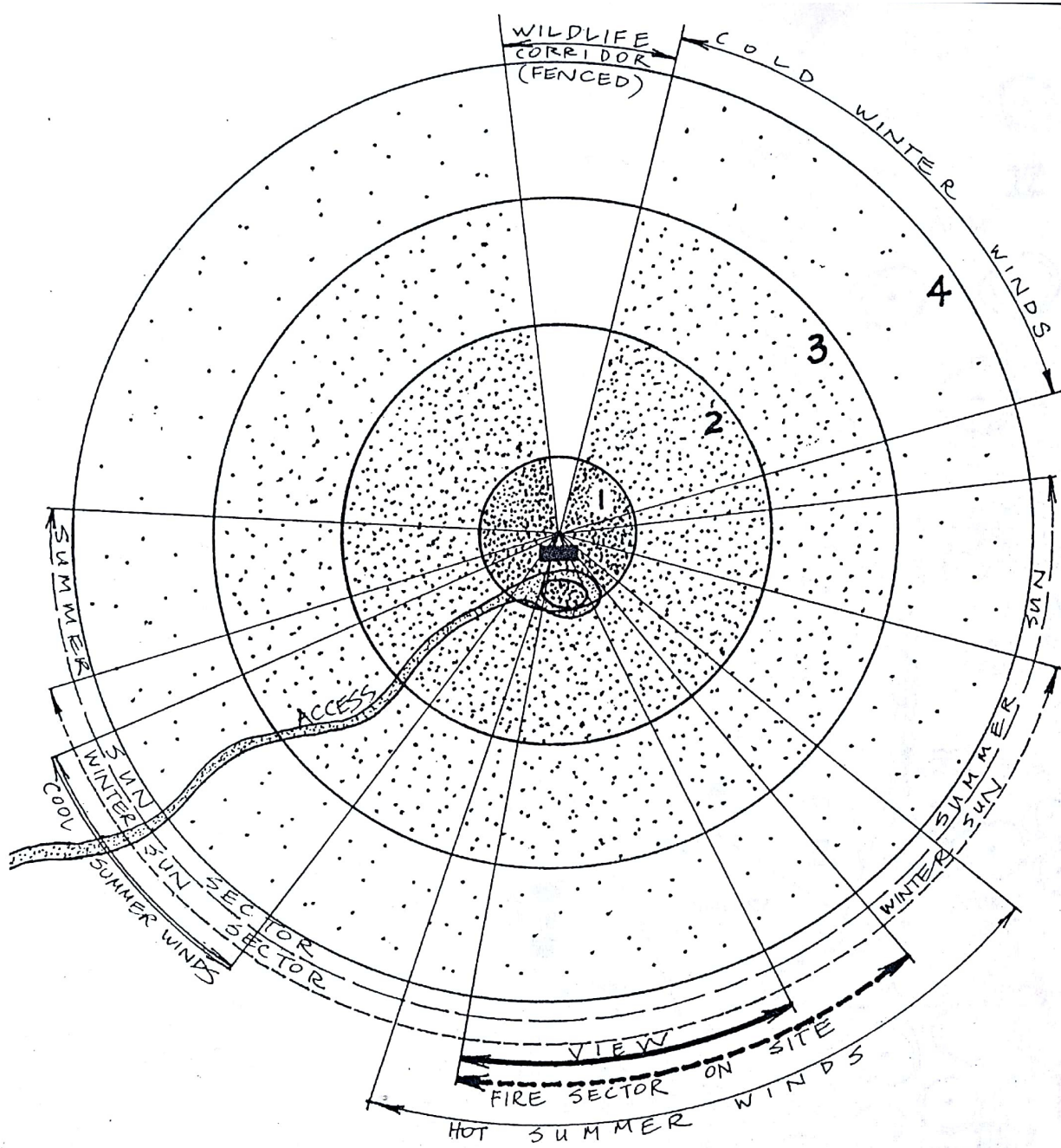


FIGURE 3.8  
GROUND PLAN FOR A MIXED SMALL FARM.





**FIGURE 3.10**  
SECTOR ANALYSIS.