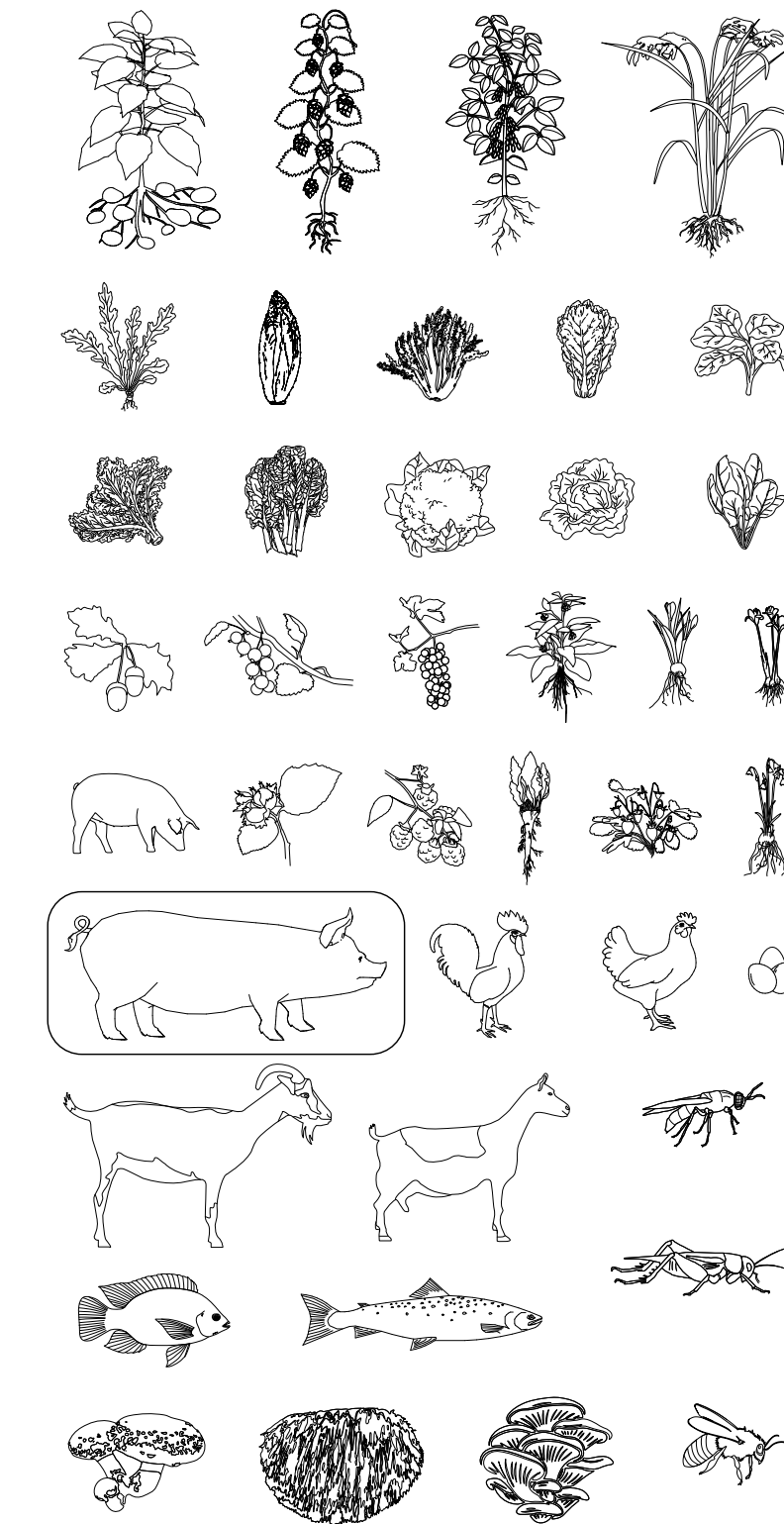


01 ROTJEKNOR

Henk Bijsterbosch

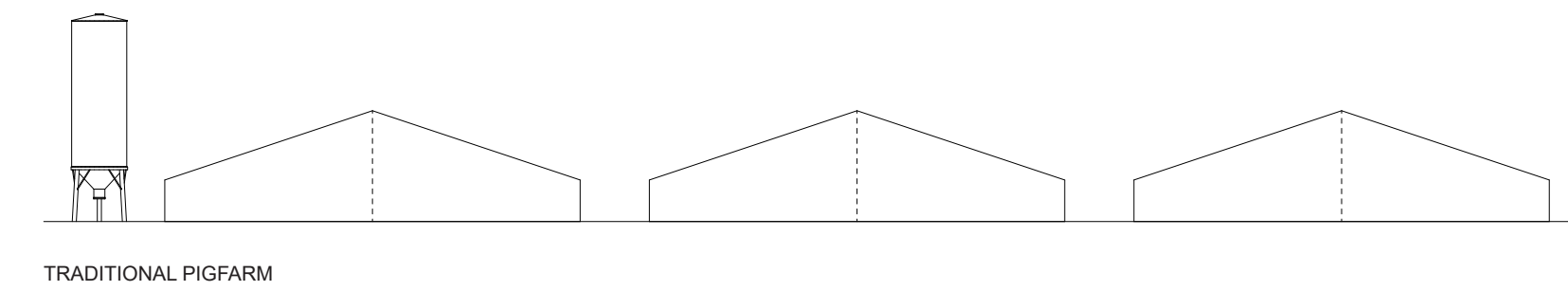


Rotjeknor
An organic farm where the pigs have the largest range in the world, the only pigs that have more space are pigs that run freely in nature. A farm where the pigs live together in groups and are happier than ever.

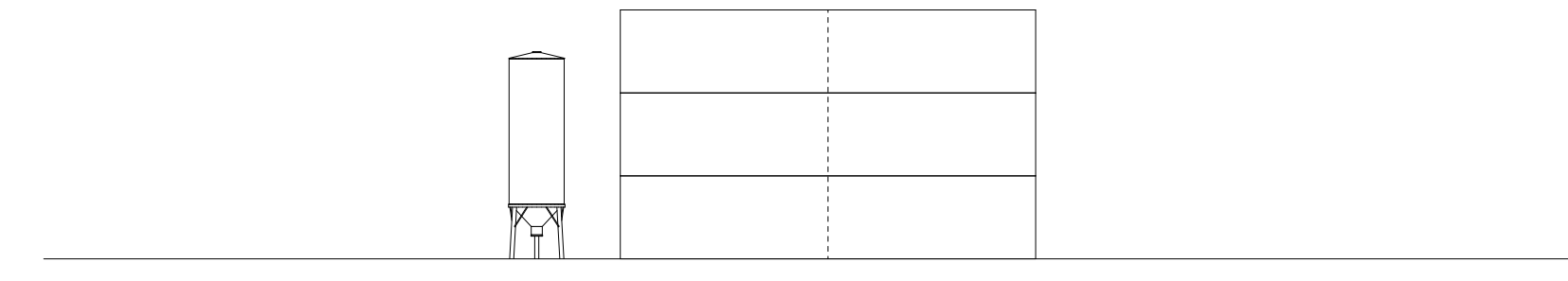
The concept is to breed the most organic pigs in an urban environment. The pigs serve as waste processing machines, about 45% of kitchen waste is ground into the pigs' food. This makes them circular machines and gives the meat a better taste. In addition, the pig will have about n pigs in the city but with more space than they would get from a farmer. Pigs become happier by living in groups and a lot of space.

This makes the meat of better quality and can be sold to the citizens for a better price, the pigs are economies responsible.

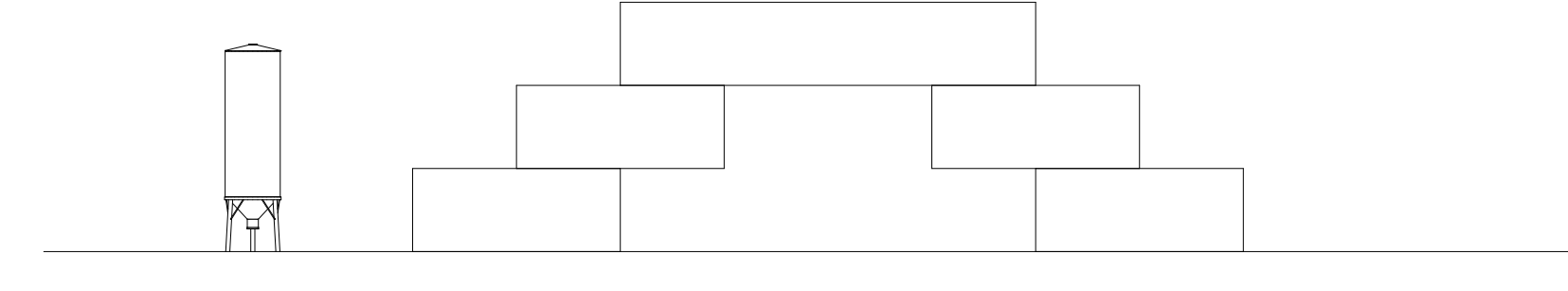
This farm produces about 400 pigs weighing 85 kg on average every three weeks. This means that about 75kg of meat is produced for the city.
In addition, the pigs produce an average of about 1000 kg of manure for the city per week. The pigs consume about 45% more of the city's food waste in their meals



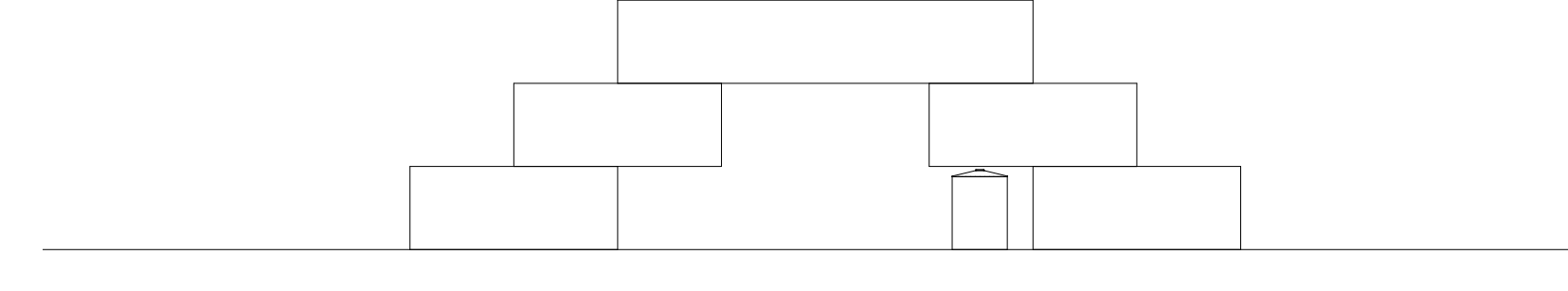
TRADITIONAL PIGFARM



STACKING THE FARMS IN URBAN ENVIRONMENT

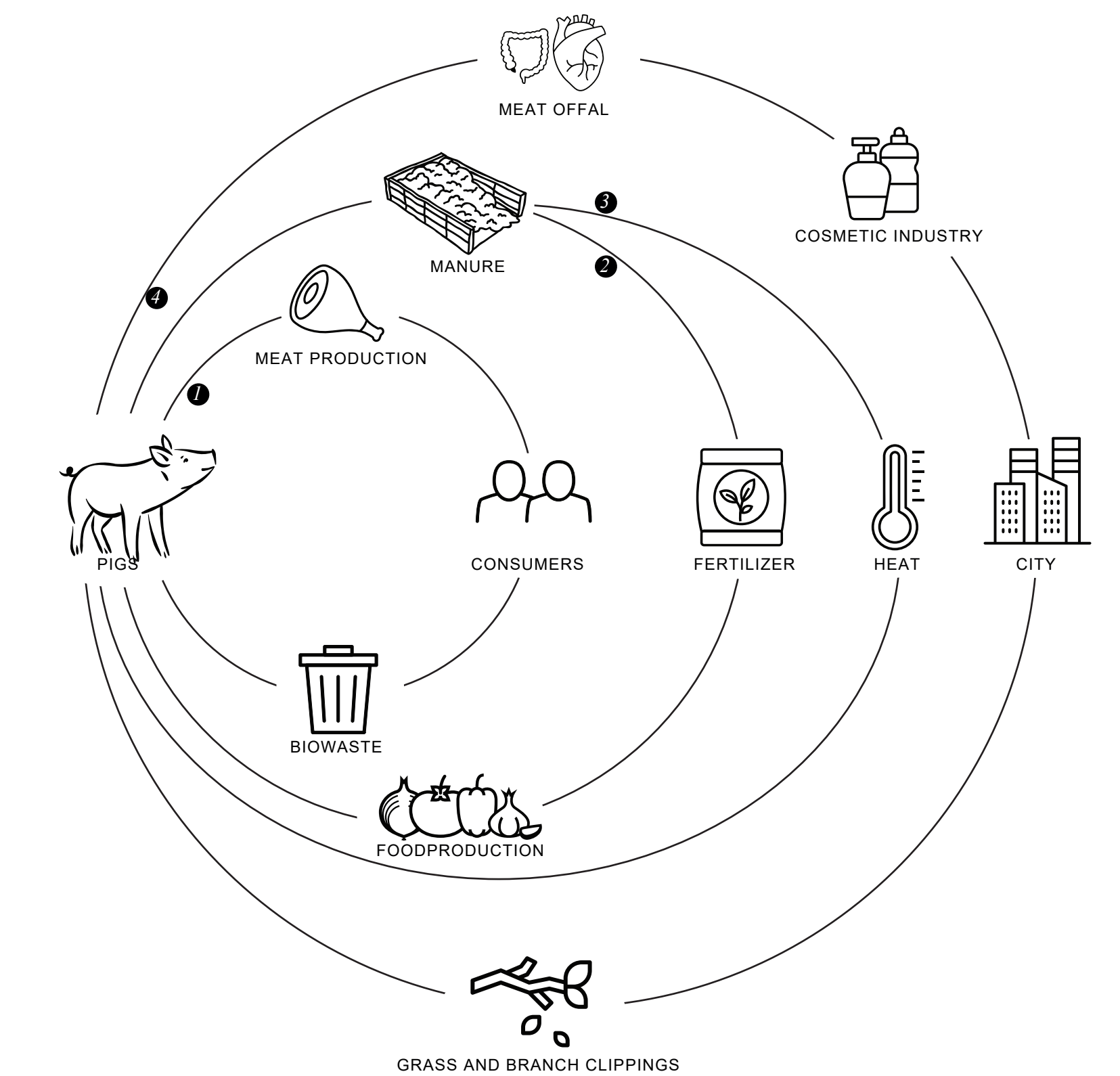


SHIFTING THE FLOORS TO CREATE OUTDOORSPACE FOR THE PIGS



MOVING THE SUPPORTING FUNCTIONS INSIDE THE BUILDING

CONCEPT

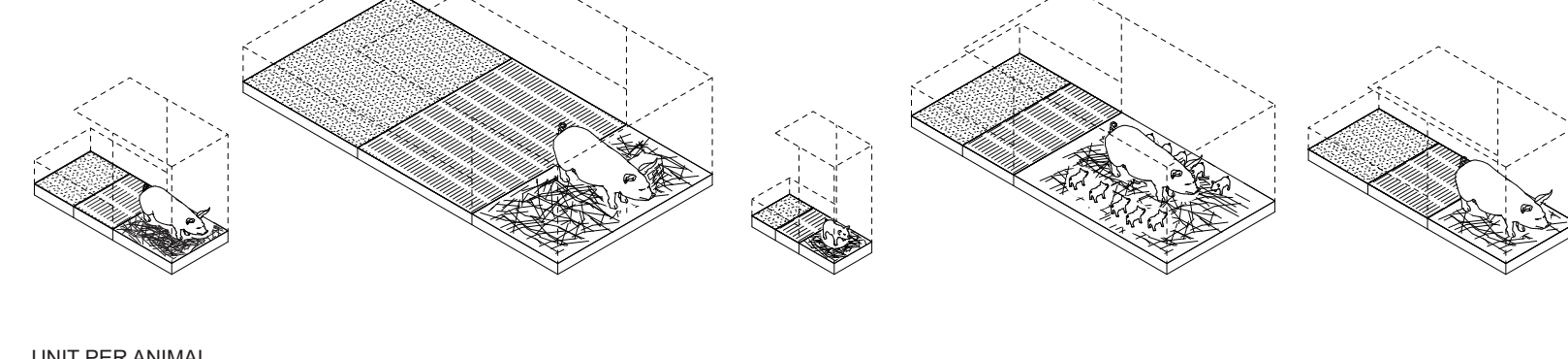


- 1 MEAT FOR THE CITY AND WASTE FROM THE CITY FOR THE PIGS AS FOOD
- 2 TRANSFORMING THE MANURE OF THE PIGS IN FOOD FOR THE PRODUCTION OF VEGETABLES
- 3 USING THE HEAT IF THE MANURE TO HEAT THE OFFICES
- 4 USING THE WASTE OF THE SLAUGHTER PROCESS FOR THE PRODUCTION OF COSMETIC PRODUCTEN

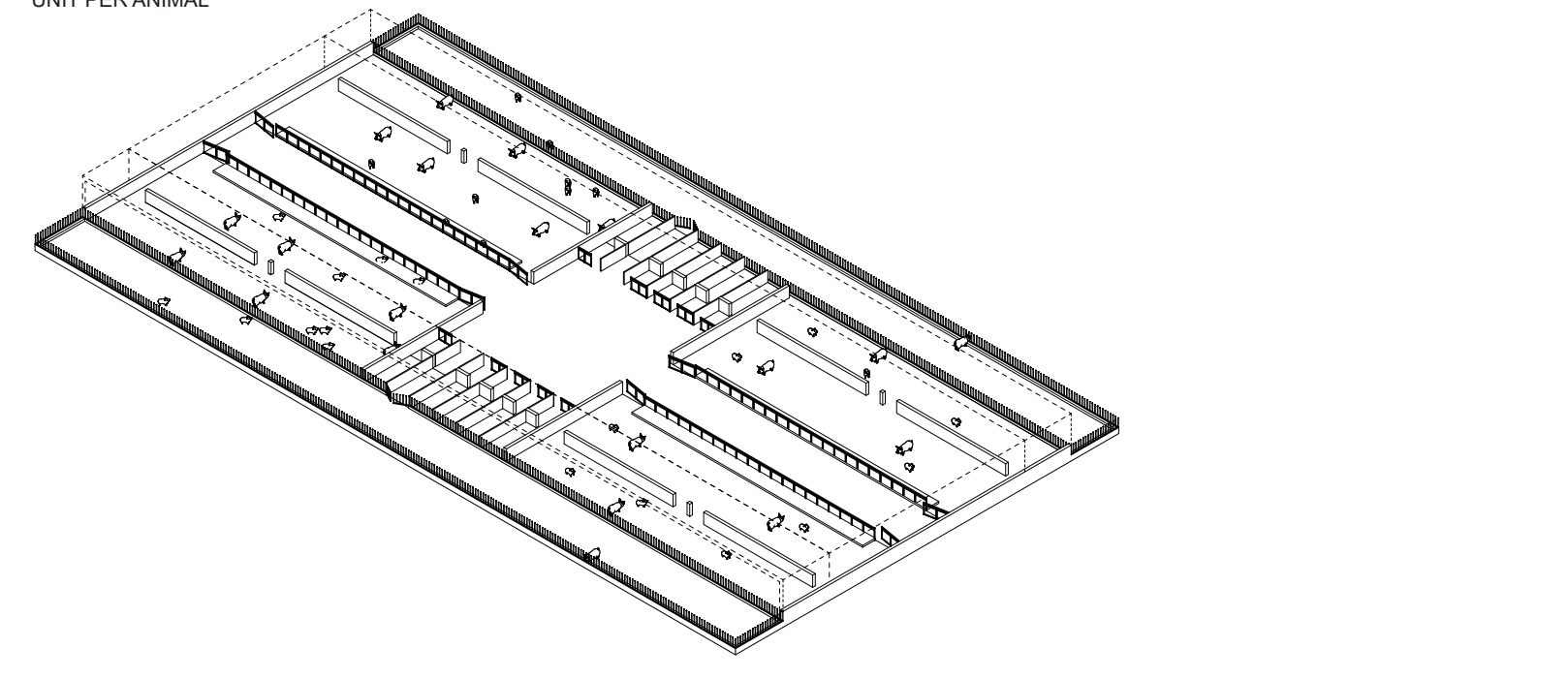
CIRCULARITY



LARGE WHITE PIG

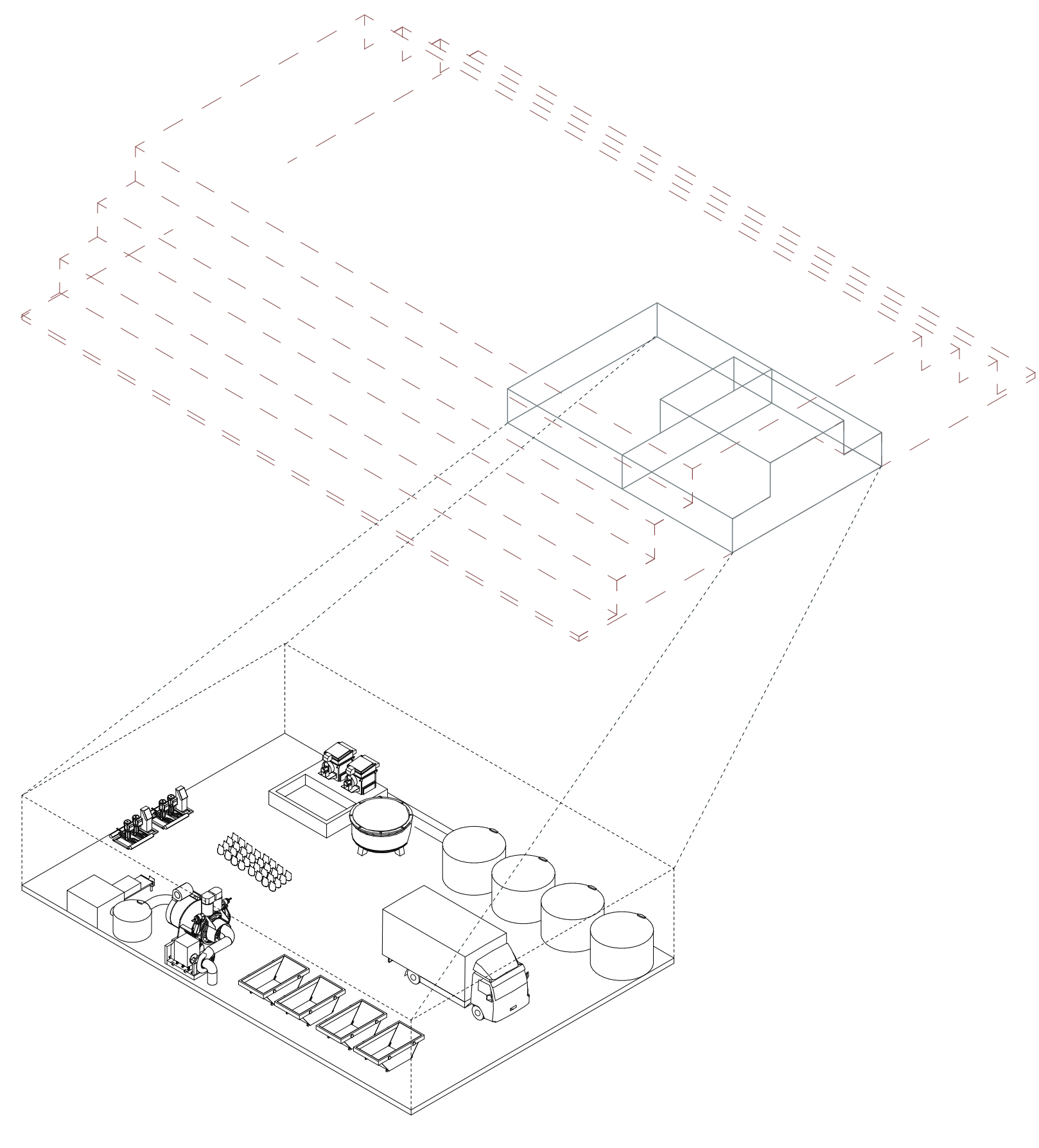


UNIT PER ANIMAL



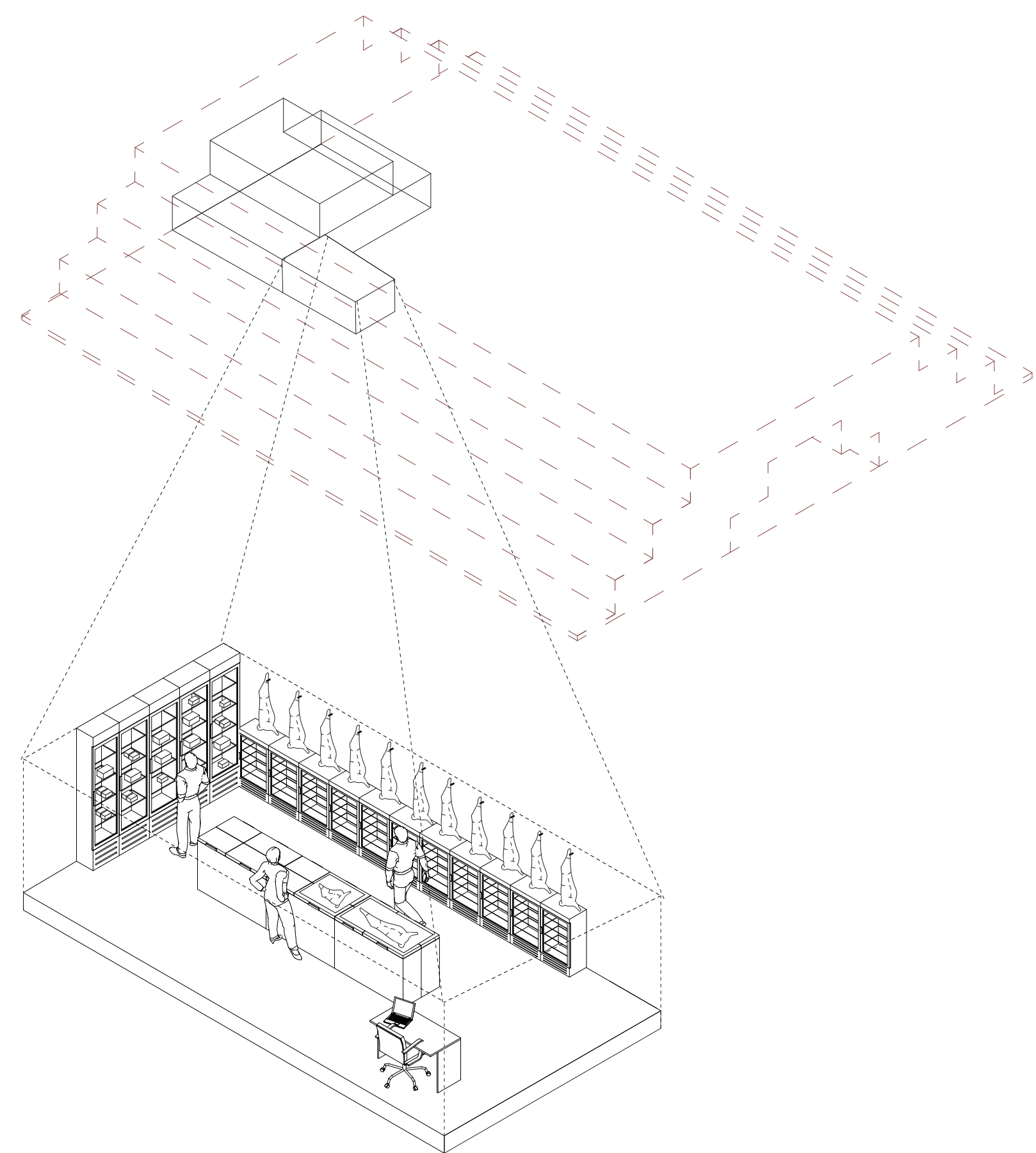
PIG GARDEN PER 448 PIGS

PRODUCTION FLOOR



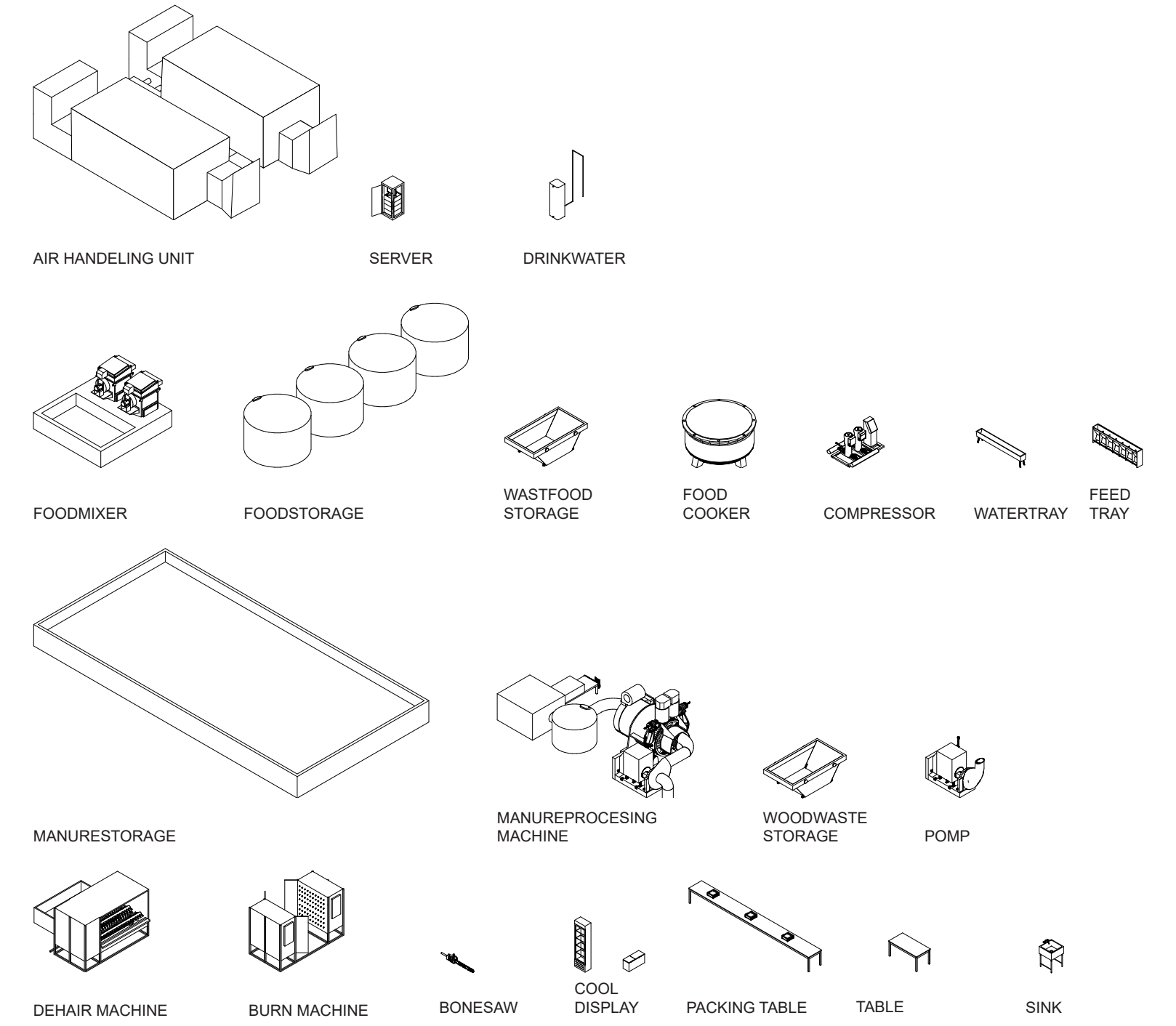
REUSE: CITYWASTE AS FOOD

PRODUCT SYNERGY

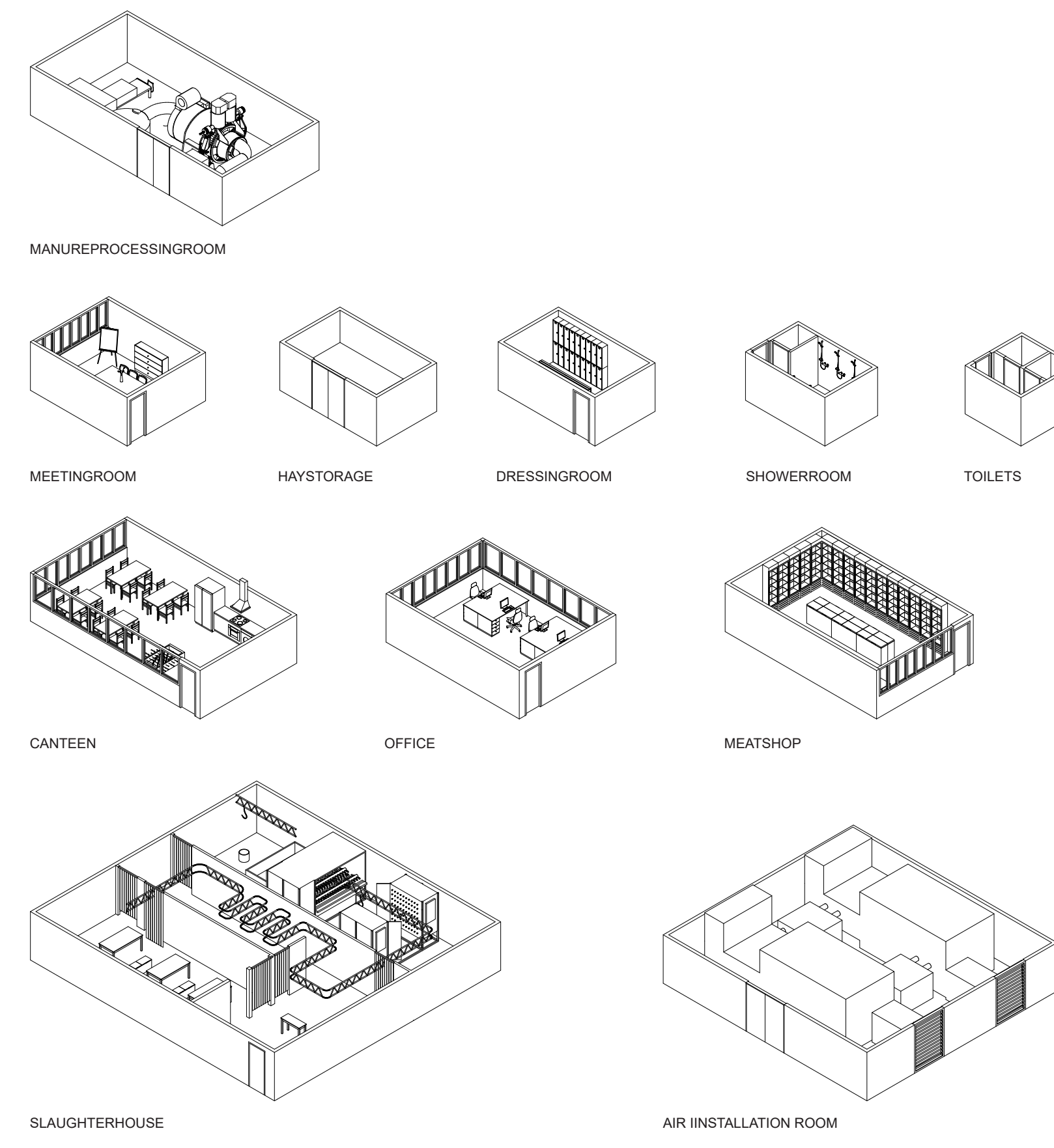


RETAIL

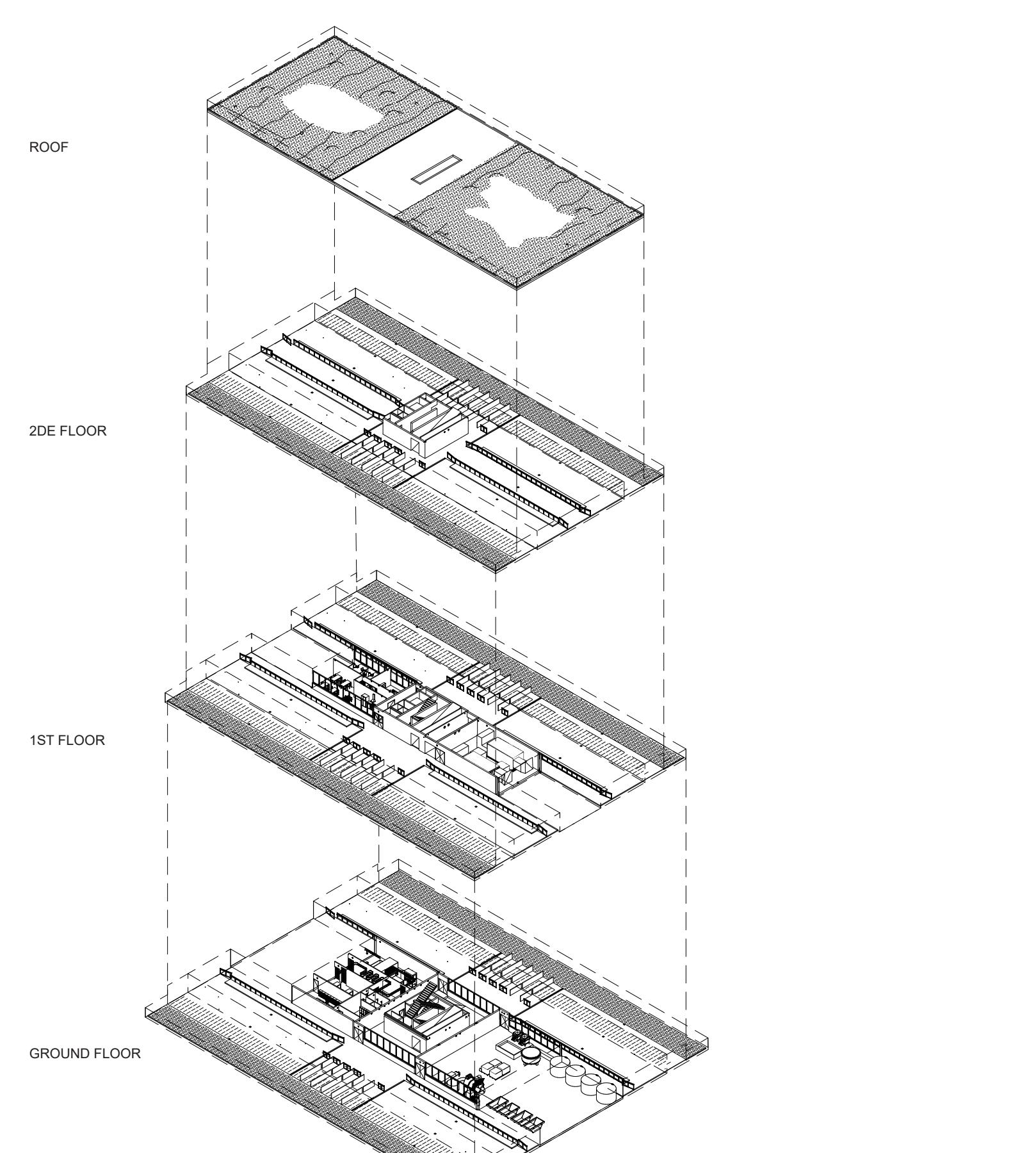
AGRI-CULTURE



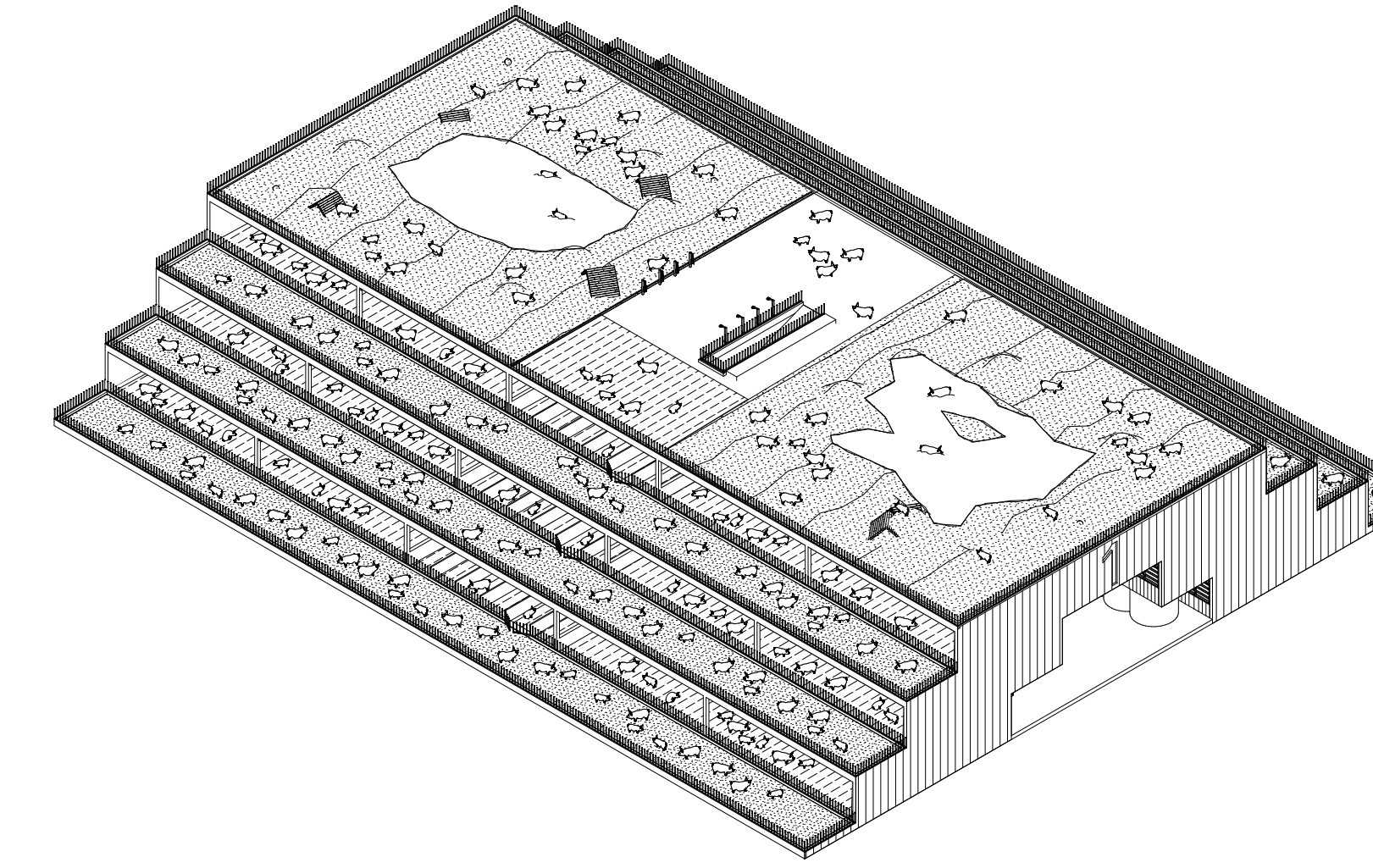
TECHNOLOGY



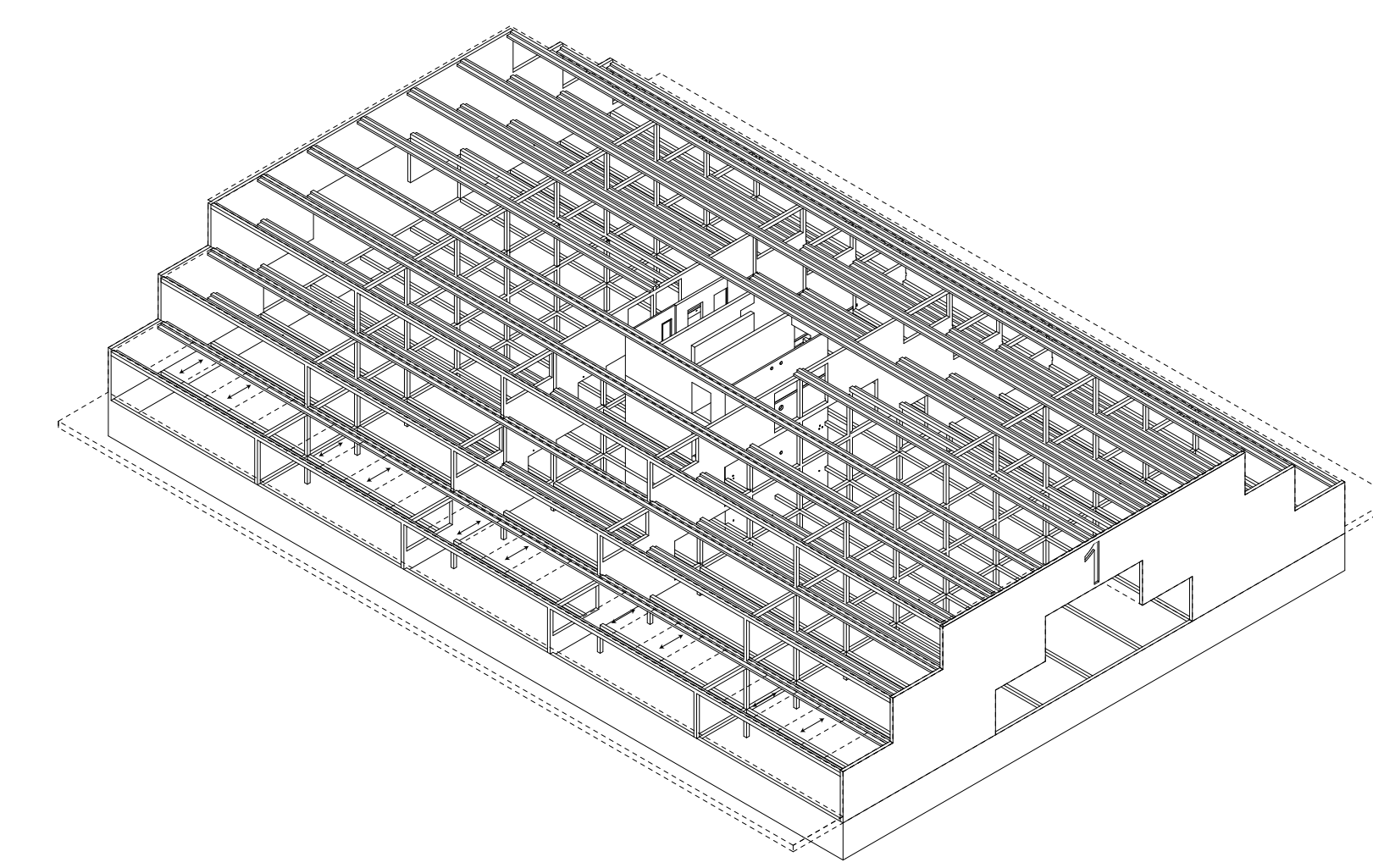
PROCESSING & PACKAGING



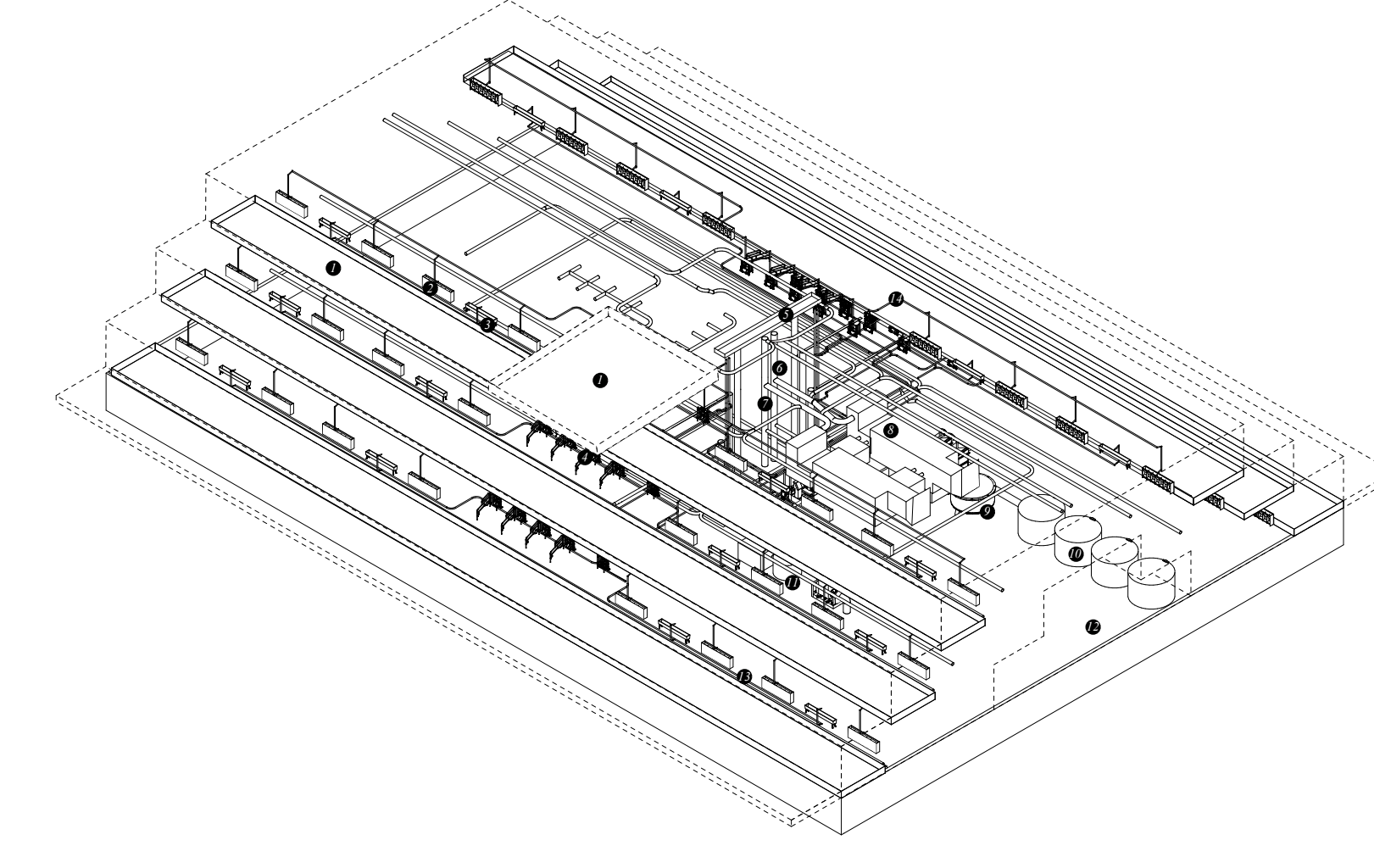
THE COMPACT MODEL



ARCHITECTURE

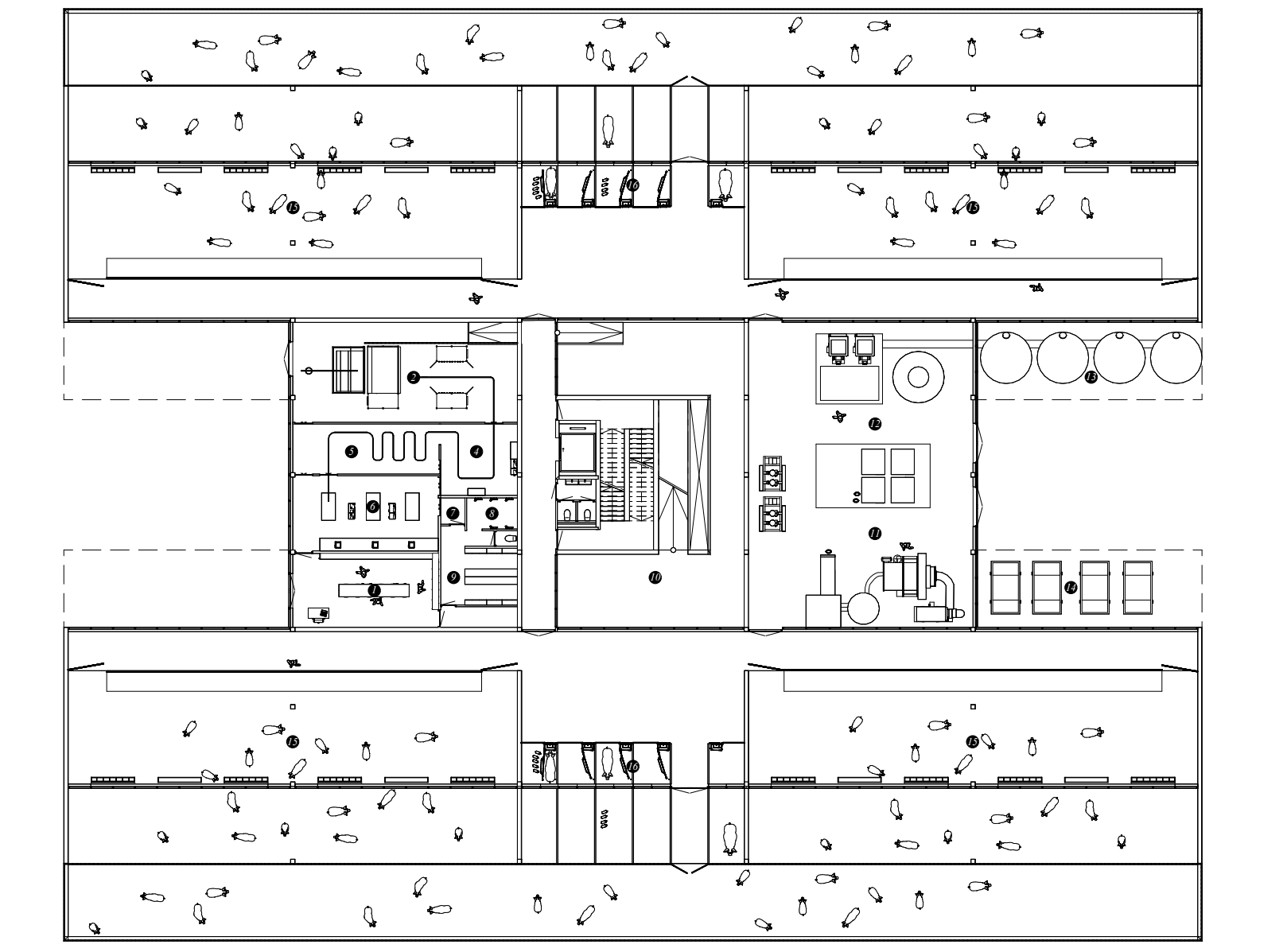


STRUCTURE



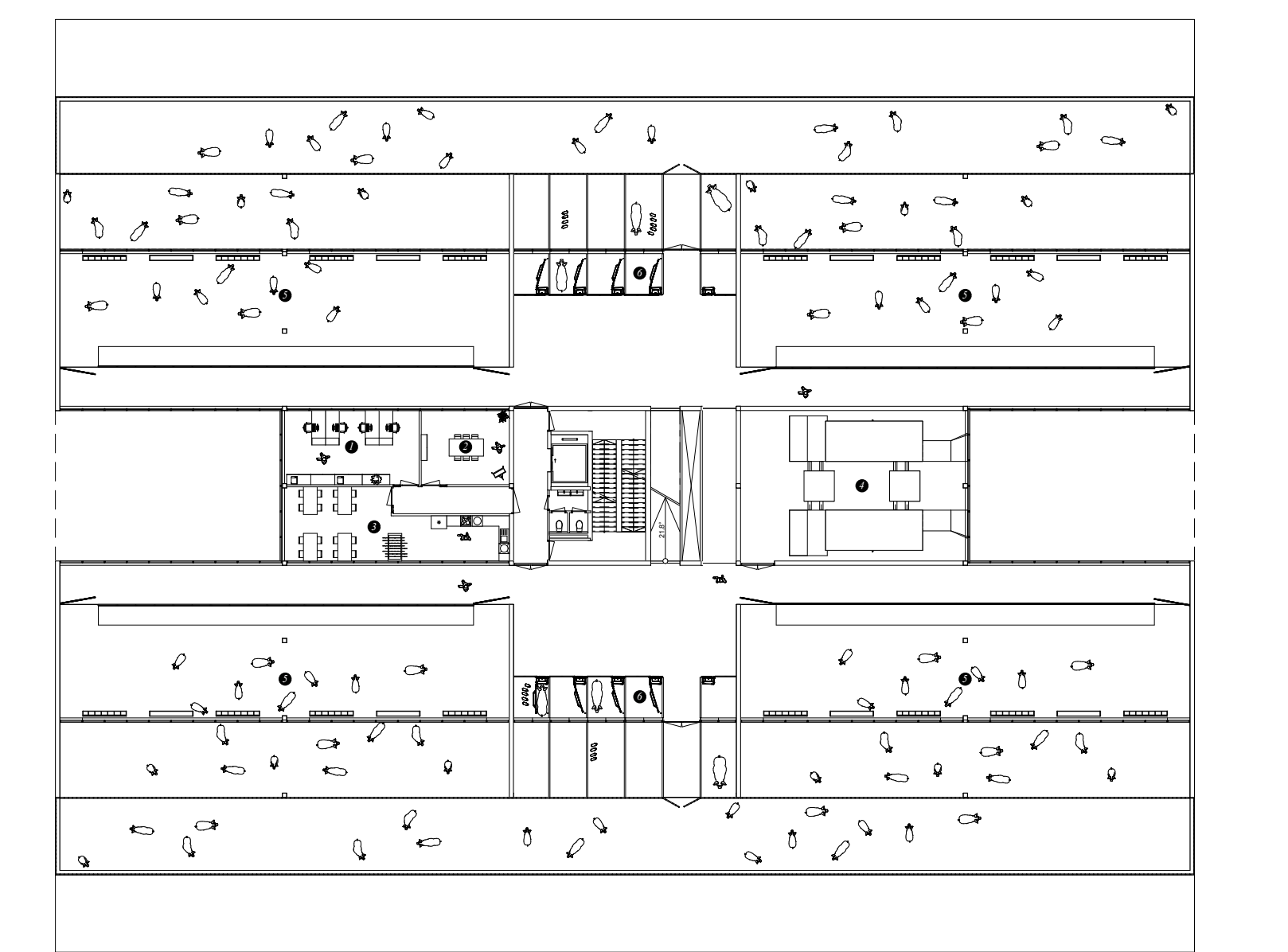
- 1 MANURE COLLECTOR
- 2 AUTOMATIC FEEDTRAY
- 3 AUTOMATIC DRINKINGTRAY
- 4 FEEDING FENCE
- 5 GROUND COLLECTOR
- 6 SUPPLY AIR SYSTEM
- 7 RETURN AIR SYSTEM
- 8 AIR INSTALLATION
- 9 MIX FEED SYSTEM
- 10 STORAGE FOODSYSTEM
- 11 MANURE PROCESSING SYSTEM
- 12 MANURE STORAGE SYSTEM
- 13 DRINKWATER SYSTEM
- 14 FOOD TRANSPORT SYSTEM

INFRASTRUCTURE



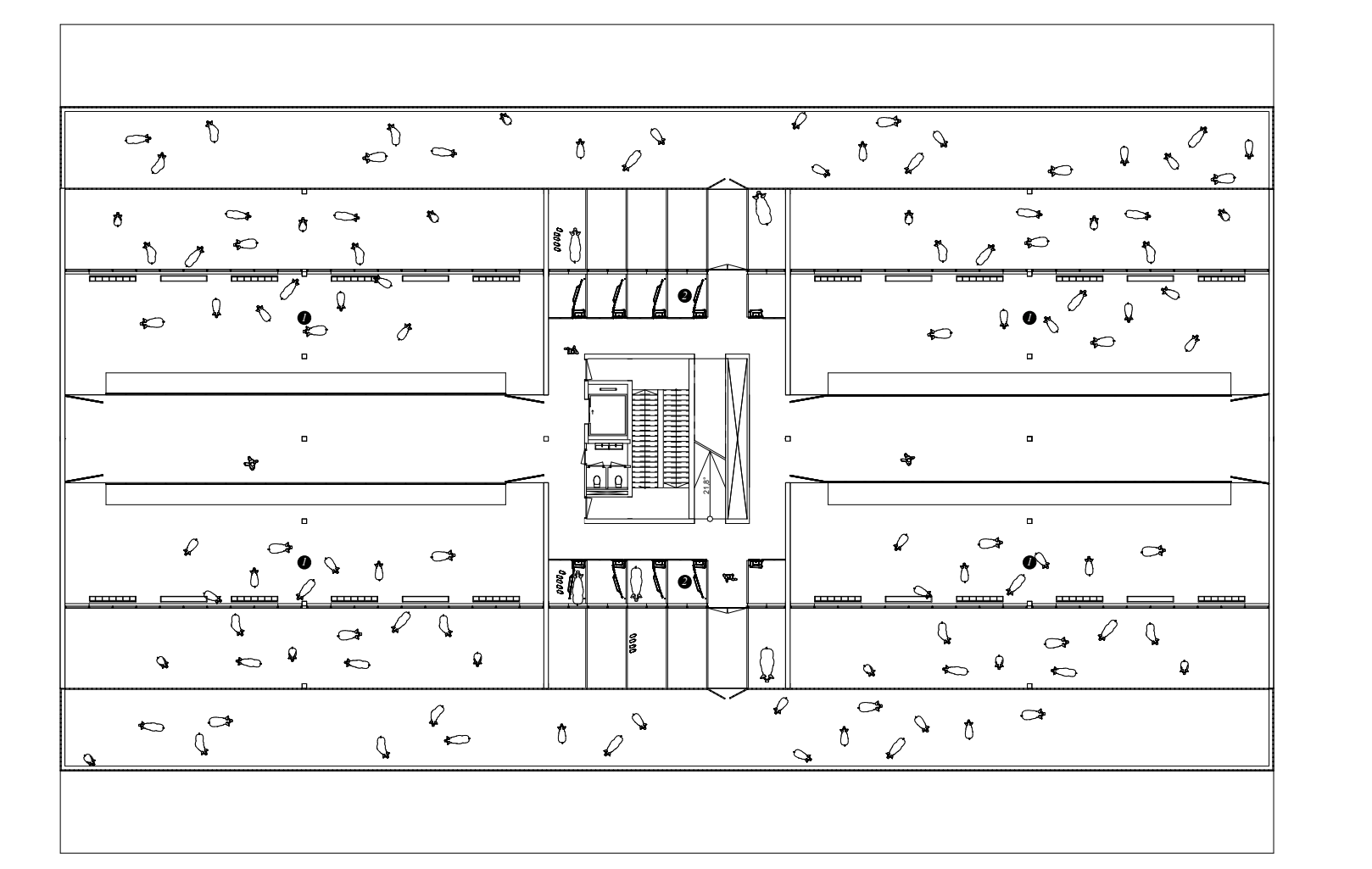
- 1 RETAIL
- 2 CLEANING ROOM
- 3 CUTTING ROOM
- 4 INSPECTION ROOM
- 5 INSPECTION ROOM
- 6 BATHROOM
- 7 MANURE PROCESSING ROOM
- 8 FOOD PROCESSING ROOM
- 9 DRESSINGROOM
- 10 LAST DANCE ROOM
- 11 PACKAGING ROOM
- 12 HYGIENE SLICE
- 13 MANURE PROCESSING ROOM
- 14 FOOD STORAGE
- 15 CITYWASTE STORAGE
- 16 COMMUNITY STABLE
- 17 BIRTH STABLE

FLOOR PLAN 00



- 1 OFFICE SPACE
- 2 MEETINGROOM
- 3 CANTEN
- 4 INSTALLATIONROOM
- 5 COMMUNITY STABLE
- 6 BIRTH STABLE

FLOOR PLAN 01



- 1 COMMUNITY STABLE
- 2 BIRTH STABLE

FLOOR PLAN 02

01 PIGS

Henk Bijsterbosch

