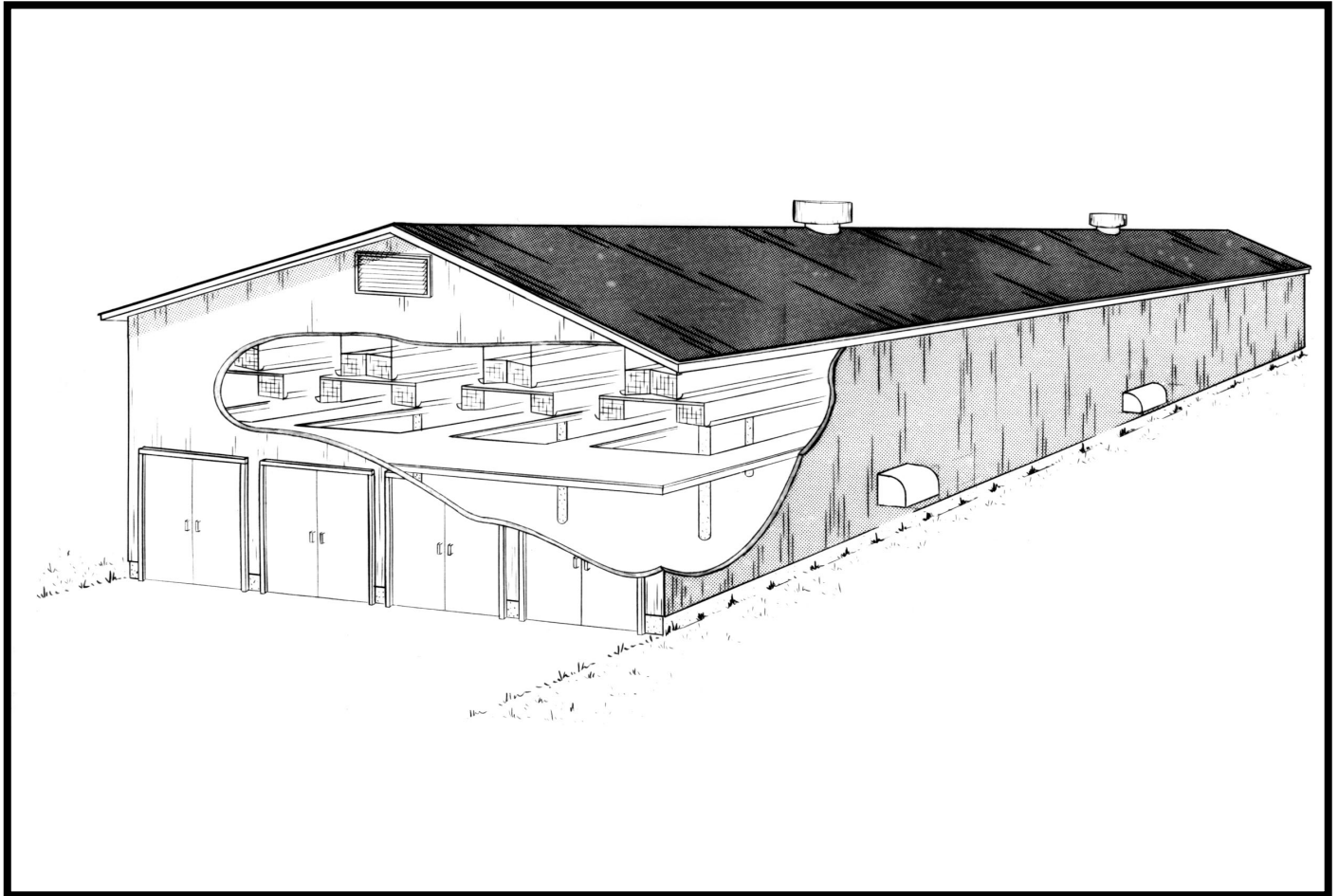




CAGE LAYING HOUSE



341-01

CAGE LAYING HOUSE – DEEP PIT SYSTEM

This is a detailed plan set for a 44 ft. wide building with 4 rows of cages. Length of building will be determined by the type of cage used and the number of birds to be housed.

There is a concrete, deep pit underneath a clear span, stud frame building which can be insulated for cold climates. Walkways have been designed for suspended cages or for cage support.

The Service Area may accommodate egg handling equipment, egg cooling and storage, washroom etc.

VENTILATION

The building is completely environmentally controlled. Ventilation fans are located in banks along one side of the building.

Perimeter type, adjustable air inlets are provided on each side of the building.

Ventilation rates should provide 1 cfm @ 1/8" SP per bird continuous and 5 cfm @ 1/8" SP per bird on a thermostat.

MANURE HANDLING

The manure is allowed to build up underneath the cages and need only be removed on a semi-annual basis. Fans are provided to pass air over the manure to reduce the moisture content. It is then dry enough to be removed from the building via the end doors, with a tractor and front end loader.