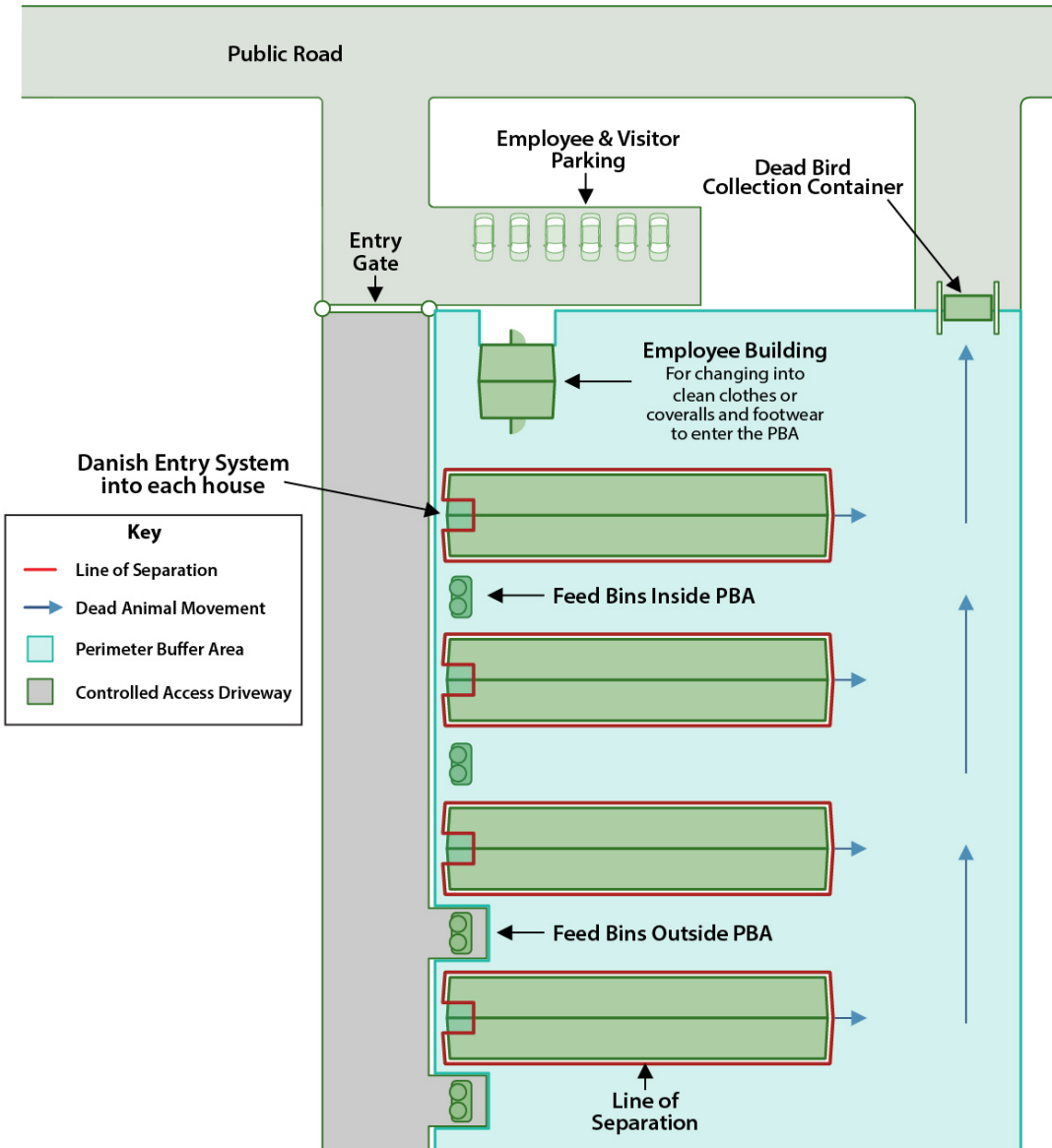


Examples of Perimeter Buffer Areas and Lines of Separation on Poultry Sites

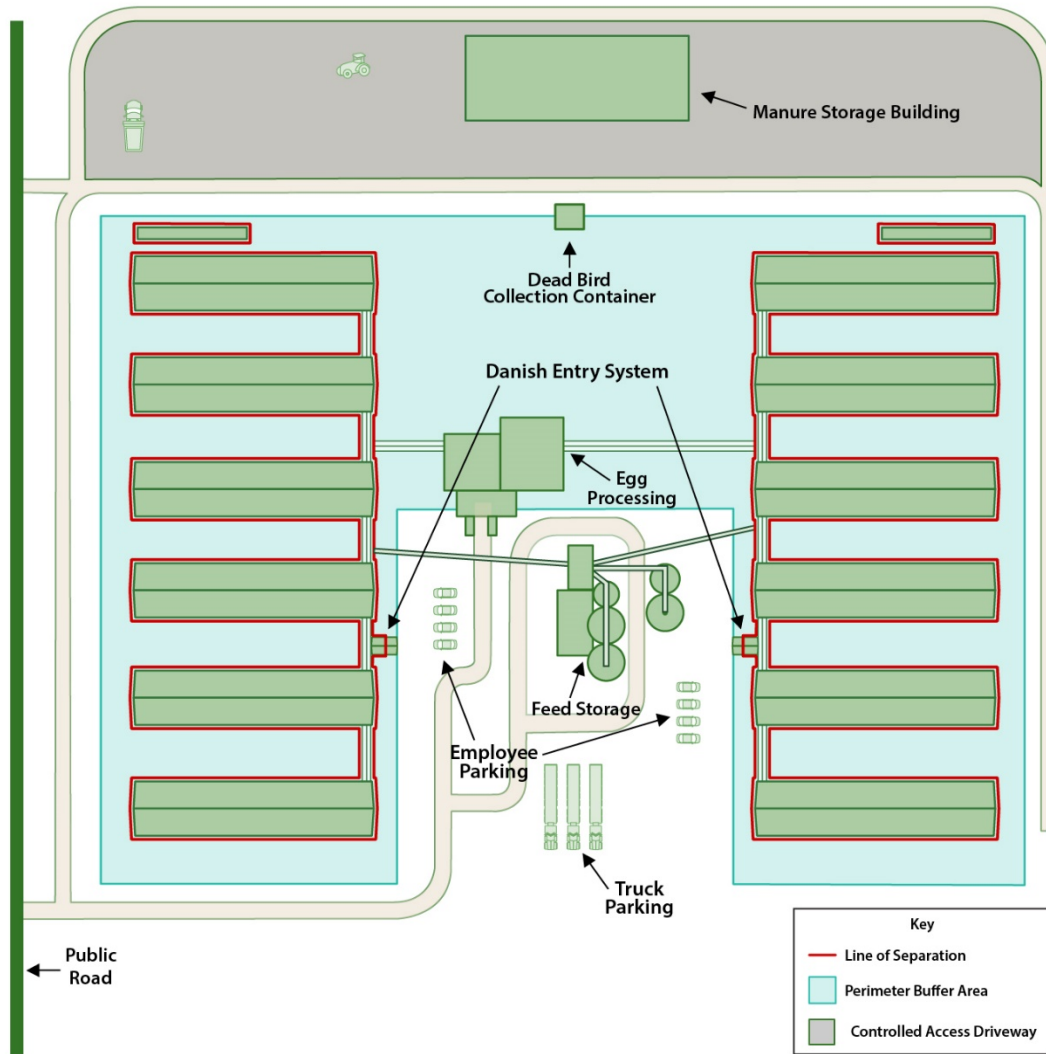
Figure 1: Illustration of PBA and LOS around a site



Source: Center for Food Security and Public Health, Iowa State University

This example site demonstrates the concepts of the Perimeter Buffer Area (PBA) and Line of Separation (LOS). In this example, access to the site is restricted by an entry gate leading to a controlled access driveway; employee and visitor parking remains outside the gate. The PBA surrounds the employee building and poultry houses, and allows for one-way movement of dead birds to a dead bird collection container straddling the PBA. Personnel enter the PBA through the Employee Building where they change into clean clothes or coveralls and footwear. The walls of each poultry house function as the LOS, with Danish Entry Systems as the Biosecure Entry Procedure to access the poultry areas.

Figure 2: Illustration of PBA and LOS around a site with an egg processing facility



Source: Center for Food Security and Public Health, Iowa State University

In this example, the employee parking, truck parking, and feed storage areas are all outside of the PBA and the LOS. The PBA surrounds the egg processing facility and poultry houses. Personnel enter the PBA through an Access Point; this then leads to a Danish Entry System, which is the only way to cross the LOS and access the poultry houses. The LOS surrounds all poultry houses, which are connected to one another by a walkway and egg belt. The dead bird collection container straddling the PBA can be accessed both from an on-site vehicle within the PBA and from an off-site vehicle on the drive at the top of the diagram. The manure storage building is located outside of the PBA, so that it can be accessed by off-site vehicles that have not been cleaned and disinfected.

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