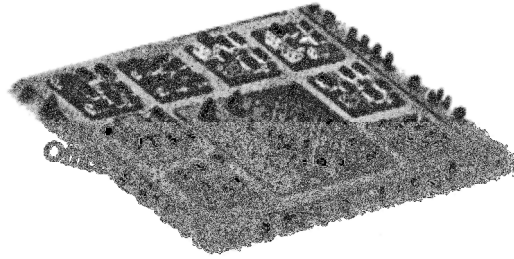


Chapter 5
Graph Model

1. This is a view of a neighborhood. Each block has several houses with a park in the middle with no houses.



- a. Draw a graph model for this neighborhood, if a neighborhood-watchperson must walk every street once. *What are the vertices and edges?*

- b. Draw a graph model for the postman to deliver the mail to this neighborhood. *What are the vertices and edges?*

2. The following is the floor plans of a museum (doors and windows have been omitted). Create a graph model with a vertex for each room and an edge between rooms that share a common wall.

