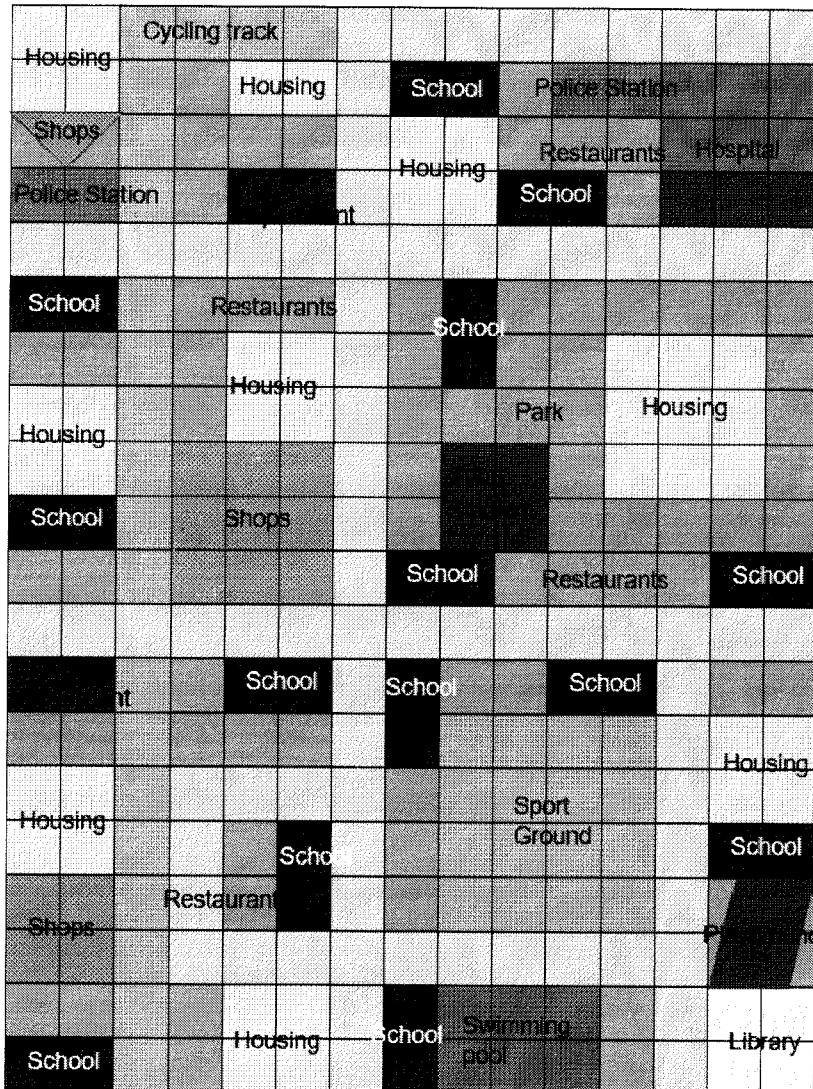


Part B: Design thinking section

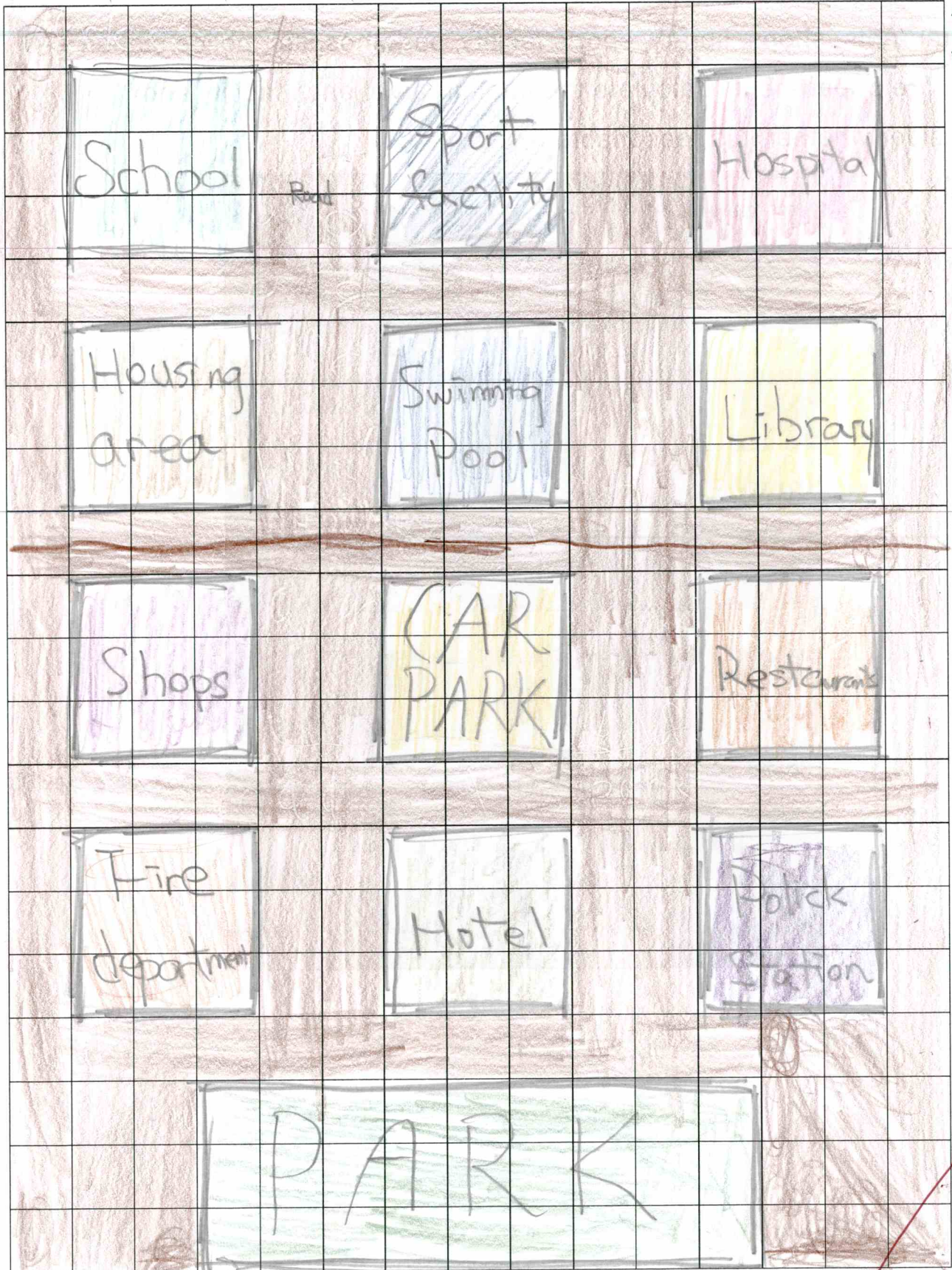
The population of Tsuan Wan Commercial City is 100 000. Design this city in the graph paper. You should put housing area, school, road, restaurants, shops, library, sports facility, park, hospital, police station and fire department. Calculate the total areas of each facility and consider whether it is reasonable. ◦

e.g. :



100 m

10 000 m²



Each grid is $100 \times 100 \text{ m}^2 = 10\,000 \text{ m}^2$.

According to the design, the total areas of each facility are:

School : <u>90000 m²</u>	Housing area : <u>90000 m²</u>
Road : <u>1650000 m²</u>	Shops : <u>90000 m²</u>
Restaurants : <u>90000 m²</u>	Sport facility : <u>90000 m²</u>
Park : <u>270000 m²</u>	Library : <u>90000 m²</u>
Hospital : <u>90000 m²</u>	Police Station : <u>90000 m²</u>
Fire department : <u>90000 m²</u>	Other (Hotel) : <u>90000 m²</u>
Other (Swimming pool) : <u>90000 m²</u>	Other (Car park) : <u>90000 m²</u>
Other () : _____	Other () : _____

Other information:

e.g.: This plan is a floor plan only. One of the housing includes 39 floors.

The Hotel has 31 floors.

Suggestions for further Improvement:

e.g.: If there is any facility to promote tourists industry, the economy of the city will be better.

If there is promotion of hotels, so other tourists can visit, are willing to

