

Mr. Corsaut's Ultra Amazing Urban Planning Assignment



Welcome town planners! As one of the few planners selected by the Town of Urbanville, you have been requested to submit designs for a new suburban community. The community will be situated on 1500 acres located approx. 40km east of Corsaut City - a sprawling metropolis of 1.8 million happy people who like nothing better than to play geography trivia games in their spare time. Officials are concerned about the rapid growth, as well as inefficient land use. This former farming town is looking for an alternative approach to the "traditional" suburban community. The new community will need to accommodate 30 000 people over the next 15-20 years. The following criteria have been established by the town to assist planners with their designs.

Land Use	Colour	% of
Residential (various types of housing)	yellow	55
Commercial (stores, shops, services)	red	5
Industrial (businesses)	blue	5
Institutional (1 high school, 5 elementary schools, 2 community centres, 1 hospital)	grey	10
Open Space and Recreation (green spaces, parks)	green	25

Criteria:

- Carefully review the following criteria as well as the map of the area for proposed development. Brainstorm a list of factors that need to be considered when selecting a site for your community.
- Using your list of factors, discuss and select the site for your new community. The site should cover an area of approx. 30-50km². Outline the general shape of the proposed community on the small copy of the map. Title this map **rough copy**.
- As part of your Official Plan, specifically describe your **design goals** for each of the following points:
 - target market
 - lot style (long and narrow, wide and shallow)
 - housing types and density
 - transportation services and networks
 - shopping and recreational facilities
 - future location of businesses
 - preservation of the environment (green space)

4. On the **rough copy** map, outline where various types of land use will be located. Use the table which outlines the land use colour codes and specifications to guide your design. Include main arterial roads and collector streets in black.

* Remember, a 5 min. walk is approx. 400-500 meters. You may wish to divide your community into 4-5 smaller neighbourhoods.

5. Redraw the rough copy map onto grid paper - remember the scale. Title this land use map, **Master Plan**. Also include a detailed legend. Employ your great mapping skills.

6. Draw a detailed **Site Plan** on grid paper for one neighbourhood in your community. Indicate the location of the neighbourhood on the Master Plan. The site plan needs:

- 75-150 lots
- routes of streets and laneways
- names of streets
- lot shapes
- open space, parks, green spaces
- community centres
- commercial facilities
- schools
- detailed legend

7. In your Official Plan add a section called **Responses**. In this section explain in detail, how the following situations would affect the design/planning of your new community.

a) Environmental groups express their concerns about the impact of your community on the wetlands in your area and are very vocal about your construction practices.

b) Half way through the construction of your first neighbourhood, a lumber strike occurs and you need to consider alternative building materials.

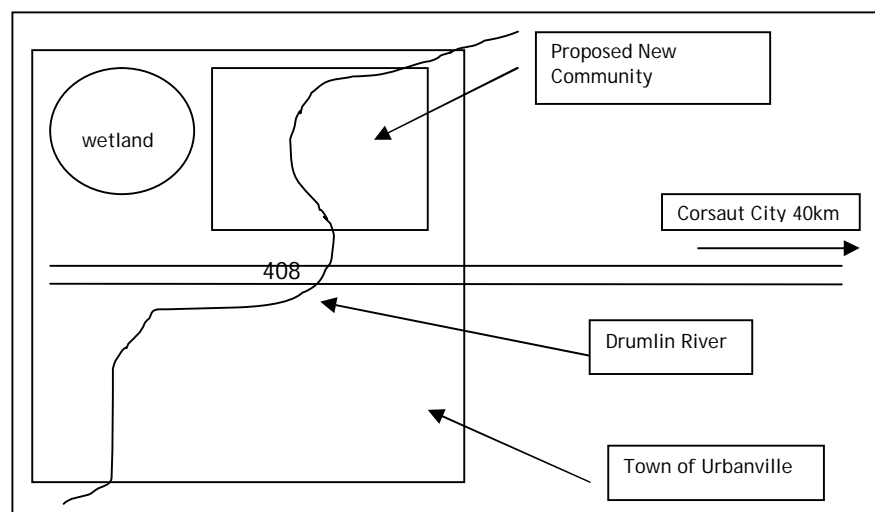
c) A major company in Corsaut City lays-off thousands of employees at all income earning levels.

d) The town requests that your community needs to hold another 15000 within the next 20 years.

8. Create an "eye-catching" name and logo for your new community design.

9. Professionally organize and display your Official Plan that includes:

- rough copy map
- design goals
- Master plan map
- Site Plan
- Responses



Rubric

<i>Criteria</i>	Level One	Level Two	Level Three	Level Four
Knowledge - official plan (design goals)	- limited design goals presented and supported	- some design goals presented and supported	- considerable design goals presented and supported	- a high degree of design goals presented and supported
Thinking - official plan (responses)	- responses given with limited critical thinking skills	- responses given with some critical thinking skills	- responses given with considerable critical thinking skills	- responses given with a high degree of critical thinking skills
Communication - overall impression - mapping skills - written skills	- plan has limited organization - limited use of standard mapping skills - limited use of communication skills in written form	- plan has some organization - some use of standard mapping skills - some use of communication skills in written form	- plan has considerable organization - considerable use of standard mapping skills - considerable use of communication skills in written form	- plan has a high degree of organization - a high degree of use of standard mapping skills - a high degree of use of communication skills in written form
Application - master plan - site plan	- master plan shows limited design skills - site plan contains limited needed components	- master plan shows some design skills - site plan contains some needed components	- master plan shows considerable design skills - site plan contains considerable needed components	- master plan shows a high degree of design skills - site plan contains a high degree of needed components