My Ideal City
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4 Core Considerations

Identity & Community

Sustainable Environment

Functionality & Efficiency

Growth
Identity & Community

The sense of belonging is one of the most crucial things that makes a place livable. In order to achieve this, the government and planners must provide an abundant amount of opportunities for people to come together.

Furthermore, the design of the city must create an identity for the place by valuing and promoting the culture of its people.
Sustainable Environment

While the design of a city can focus on the beauty aspect, planners must not ignore the sustainability aspects of a city. This extremely crucial consideration not only include a sustainable environment but also a sustainable growth and development. By creating a sustainable environment, the life expectancy of the city – from the environment to its people – will be lengthened. Planners must use sustainable practices such as using renewable energy sources, conserve natural resources, minimizing the carbon footprint, and promoting the 3R’s (Reduce, Reuse, Recycle).
Functionality and efficiency are two important ideas that planners must take into consideration. Planners must have a purpose for everything that they design; they cannot waste natural resources to build something that will become abandoned/unused. Additionally, planners must be able to maximize the outcome of each design; this includes having multiple purposes for anything that’s designed. By following these ideas, the city will seize all opportunities available, protect the environment, and benefit the residents as much as possible.
The idea of growth is all about looking into the future. Planners are designing a city for people to not just live in for the moment, but also designing a city for the many generations that follow. Thus, in partnership with the previous considerations, planners must be able to design a city that continues to look for opportunities of improvement and offer opportunities to educate and train its residents to take on the legacy.
The Design
Energy

The main source of energy for my city is from **solar panels** that are located on top/on all homes and buildings. These not only provide electricity for all residents and public uses but also heat up water for various uses.

There will also be a designated area that harvest **wind energy**. This acts as the city’s secondary energy source. This is incredibly important in the case where there are extended periods without the sun.
To maintain a sustainable environment, the residents must be involved and contribute.

> **Recycle bins** will be located throughout the entire city.

> Households are required to **separate their waste** into compost, plastic, metal, and paper. There will be trucks that come multiple times a week to pick up the separated waste.

> Encourage everyone to **use biodegradable or reusable containers**. No plastic cups/containers/straws/bags or Styrofoam boxes are available for use.

> Create **sustainable programs** to build a sustainable culture, such as annual tree planting day or recycled creation contests.
As part of the sustainable environment consideration, all food sources of the city will be from **organic farms**. Agricultural farms are not allowed to use pesticides and are encouraged to use vertical farming methods. Animal farms must not confine animals in tiny cages and force-feed.

Although water is abundant in my city since it is located next to a river, there are regulations enforced to conserve water. Households will be charged a higher price if they surpass the **permitted water amount benchmark**. It is encouraged to use **eco-friendly** water-consuming machines for washing machines, dishwasher, sprinklers, etc.
Transportation

The green and affordable **public transportation** is the main mode of transport in my city. The design of the city revolves around the route of the **electrical subways and buses** in hopes of maximizing the convenience for the residents. This will encourage everyone to own fewer personal cars – cutting down carbon footprint.

As for those who still wants to own cars, they are only allowed to purchase **hybrid cars** that consume partial electricity, use less fuel and emit less carbon dioxide.
Street Design

My city’s street design aims to provide the residents convenience and ensure safety. These streets are not only designed to be convertible - have flexible curb uses for more uses throughout the day, but also prepare for the future of automated vehicles. This means the space for vehicle infrastructure is decreased to give back the streets to people, smaller travel lanes to reduce vehicles’ speed, bikeways are widened, pedestrians are prioritized by providing more and shorter crossings, specific areas are designated for passenger pickup or drop off and plant more trees on the curbs.

Adopted from “Blueprint for Autonomous Urbanism”
Residents have the option to either reside in traditional houses or high-rise apartments. Residence areas will be in proximity with each other to allow interactions. Workplaces are in skyscrapers in the downtown area.

All these buildings will use a lot of large glass windows for a modern and minimalist look. While houses uses wood frames or wooden touches, skyscrapers will use more metal as their skeleton.
All citizens are ensured education from kindergarten up to twelfth grade of high school free of charge. Everyone is encouraged to pursue higher education and the government will help support them financially.

The educational system will focus on preparing all students to be well-rounded and ready for the real world. While high school will help students develop foundational skills and knowledge, higher education will focus on implementing those skills and knowledge in real-life situations.
Work & Economy

All residents of the city are given equal opportunities to take up jobs. Those who are struggling to find jobs are encouraged to work in the public sector: museums, libraries, governmental and environmental programs, social services, etc. The primary industry in my city is through eco-tourism. With strong efforts in protecting the environment, majority of the city’s natural landscape is preserved and opened to the public for observations. There will be annual environmental events that celebrates the beauty of nature such as welcoming spring, bird migration, etc.
Promoting a sense of community and cultural identity is essential in the growth of the city. These areas will be built with the aim of connecting all residents and promoting the city’s culture.

- Recreational Centers
- Community Parks
- Libraries/museums

In addition, these community events will be held frequently to bring people together (even those from elsewhere):

- New Year/ Holiday Parades
- Cultural Appreciation Week
- Nature Festivals
- Community Planting A Tree Day
I plan to have my city follow the **Multiple Nuclei Model** in which there are multiple centers, each for a different activities.

1. Central Business District
2. Technological Development Center
3. Historical District
4. Outlying Business District
5. College Town
6. Youth Education Node (High School and below)
7. Light Manufacturing Area
8. Heavy Manufacturing Area
9. Preserved Natural Sites
10. Rivers, Ponds, Lakes
11. Airport, Hotels, Warehouses
12. Low-Income Homes
13. Median-Income Homes
14. High-Income Homes
Thank You