Parallel Line & Transversal Project

The queen of Transversarea has asked for contractors to make a bid to design her private garden for her. She has given specific instructions that need to be met. After that, it is up to you.

There are to be two paths that are parallel, leading from the north to the south of the garden.

There is to be another path that is a transversal to the other two paths.

The queen has decided that she wants there to be two small butterfly gardens that are located at consecutive interior angles to each other.

The vertical angle to one of the butterfly gardens is to be a fountain for her royal dog to drink from.

The alternate exterior angle from the dog fountain is to be a bird watching area for her royal highness to relax in.

Directly across from the bird watching area, running parallel to the paths leading north and south is the River Transversaera.

There is a small dock that is perpendicular to the bank of the river.

The area of the garden that corresponds with the dog fountain is to be an herb garden for the kitchen staff to use in all the Queen’s dishes.

The royal palace is located on the same side as the herb garden, and runs parallel to the River Transversaera.

Make a sketch of what the Queen’s garden is to look like, including the river and the palace. Remember, you are trying to win the job of building the Queen’s garden. Neatness counts!!

*Must be done on poster board or computer paper…NO lined paper
*Be creative
*Make it colorful
*You may draw the pictures, use the computer, or cut and paste pictures.

*USE YOUR VOCABULARY NOTES FOR GUIDANCE!

*This project is worth a test grade.