

Student Name:

Page | 1



## Assignment 2: Research Project

### Objective:

To help students understand the operations of a real-world design environment of working in teams as a single unit. This approach instills confidence in the designer and reassures the client that you, as their designer, have a knowledgeable understanding of the area and Community they are going to live.

### Instructions:

- 1) Break up into groups of (2) and coordinate with each other to perform the following task.
  - a) Convert As-built PDF drawing into Revit or CAD drawing format.
    - i) A3.0 Lower-Level Floorplan
    - ii) A3.1 Main Floor Floorplan
    - iii) A3.2 Upper-Level Floor Plan
    - iv) A1.0 Site Plan
  
- 2) Research demographics... I want to know all the relevant information about the city, Community, and neighborhood. Make sure to include the following information.
  - a) City, Community, and neighborhood plans
    - i) Traffic and any other vehicle patterns that might be relevant to the area.
    - ii) Demographics on populations... (i.e., age, gender, average income, etc.
    - iii) Tell me what people like to do in this part of the state or what drives them to want to live or vacation there.
    - iv) Tell me about the school systems
    - v) Tell me about the parks and recreation areas.
    - vi) Tell me about the local business and types of restaurants and entertainment venues in the area.
    - vii) Give me some information on other private communities in the city (i.e., How many are there... how do they rank in exclusiveness, size, and amenities. Where are they located in relation to one another)?
    - viii) Tell me something about the community lifestyles (i.e., What percentage of the people live there year-round... use it as a vacation spot...

Student Name:

Page | 2

- 3) Research historical and cultural information on the city, Community, and neighborhood.
  - a) Include any information on historical landmarks and a brief description of the landmark's history.
  - b) Include the evolution of Architectural styles as they have evolved in this area.
  - c) Include symbolic architectural **motifs** specific to the area.
  - d) Include social/popular culture as it has evolved in this area.
  - e) Include any relevant information specific to this area that someone might want to know who is constructing/relocating to the area.

**Please note** that these questions provide relevant information about the areas where the home you have been contracted to design exists. The more familiar you are about people and their lifestyles within the Community that you are working in, the better equipped you will be to design a spatial environment for your clients. If you discover other interesting and relevant information in your research, include it in your booklet.

Also, note that one team member may write the document; however, all team members must agree to and be knowledgeable about the document and concept and be prepared to defend it.

All documents shall be bounded in booklet format and submitted with a digital copy.