Addi Tsirulnik

Mr. Speice

Independent Study and Mentorship

22 March 2019

<div align="center">Transferring My Floor Plan</div>

<div align="center">Assessment 18 - Mentor Visit</div>

Mentor: Morgan Crowder

Profession: Project Manager of Healthcare Department at HKS Architects

Location: 11625 Custer Rd #130, Frisco, TX 75035

Date: 18 March 2019

Time: 6:30 - 8:00

Assessment

During this mentor visit, the main focus was to discuss how the final product was coming along and what changes were necessary at this point. It was also important to talk about a few questions that came along as the final product was being created due to gaps in my knowledge regarding architectural computer programs and how to use them efficiently.

The architectural computer program that Mrs. Crowder suggested was Revit. Since I am most familiar with with AutoCad, an older, not as common program, she felt it would be best to introduce me to Revit which allows you to create models in both 2D and 3D at the same time which could save a lot of time and error for the architect. So, about a week ago it was download, however, a few questions arose. Mrs. Crowder explained how to switch between 2D and 3D and how when creating your floor plan in 2D, the program is

already creating a 3D version using the information being put in. Also, Mrs. Crowder explained the importance of switching back and forth between the two versions to make sure that everything is designed and looks the way it is intended to look. This means that I will now be able to transfer all my floor plans from paper to Revit as my understanding of the program is more developed. Overall, being able to use this program more efficiently will save me a lot of time as well as allow my floor plans to look a lot more put together and professionally done. Mrs. Crowder gave me some articles that would explain the shortcuts and basics of Revit. As homework, a simple restaurant floor plan and design will be transferred from paper to Revit in order to practice using all the tools.

An explanation was also necessary regarding scale and standard sizing of specific buildings. We made sure that each building had a reasonable square footage depending on the type of building and what elements needed to be included. For example, the restaurant needed to have a dining area, kitchen, bar, and bathroom, each with specific sizes within the building. It would also be best to think about each building as a combined space of different elements and components and give each one its own size in order to determine the overall size of each building. We then decided that by adding some functional outdoor space would not only attract more people, but also give the space a cozy atmosphere and feel like adding an outdoor patio to the restaurant. Then, a decision regarding the architectural computer program, Revit, was continued where Mrs. Crowder showed me that you could insert "families" which was some already drawn and created sets that you could download and enter into your floor plan and design, such as tables and chairs. As a whole, it is clear that my knowledge about how to transfer a design from paper to Revit

increased significantly, allowing me to complete my final product efficiently and professionally.