**AMERICAN INTERNATIONAL**A close up of a sign

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**UNIVERSITY-BANGLADESH**

**Assignment Cover Sheet**

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| Assignment Title: | **Understanding and drawing Civil Plan using AutoCAD software** | | | |
| Assignment No: | **Experiment 6** | | Date of Submission: | **12-11-2022** |
| Course Title: | **Computer Aided Design & Drafting** | | | |
| Course Code: | **BAE2101** | | Section: D |  |
| Semester: | FALL | 2022-23 | Course Teacher: | **Dr. Md. Mahadi Hasan** |

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| FACULTYCOMMENTS | **Marks Obtained** |  |
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|  | **Total Marks** |  |
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**Objective:**

To familiarize students with proper understanding of drawing of Civil Plan and draw  
this plan using AutoCAD software.

**Discussion and Conclusion:**

The drawing was done using the AutoCAD software but personally I took help from using AutoCAD Architecture version for better understanding and measurements. The main challenge of the task was to draw the civil plan with accurate measurements. Some of the specific design points were missing measurements. So used previous experiences and done some parallel calculations for finding out the missing dimensions. Specifically, measurement with wall is really a sensitive and as well as important part of this drawing. I made mistake while drawing walls and later on the dimensions were not matching so I checked and found the flaw and then again designed. First, I tried using AutoCAD Architecture software and was trying to use the Wall component but later on was not able to draw the hidden lines, so after that I tried using normal lines and normal hidden lines for drawing the walls of the plan.

Diagram

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**References:**

1. Kristen S. Kurland, “AutoCAD 2004, 2D Training Manual”.  
2. Bob McFarlane, “Beginning AutoCAD 2004”.  
3. David Byrnes and Mark Middlebrook, “AutoCAD 2007 For Dummies”.