**Technology 1**

**Daily Assignment 1023/ 1024**

**AutoCAD Quick Setup, Architectural Units, Large Size Plots and Symbol Libraries.**

First, create a “lastname\_1023/24” folder on your network space for this assignment. Save all of the following drawings into this folder.

**Architectural Plotting (All of these problems will use the File>New>Wizards>Quick Setup to begin their drawings!):**

**DRAWING 1:** Page 829, Figure 60-1:

* Replicate this figure.
* Use ARCHITECTURAL Units and Width 20’ *(feet),* Length 15’ *(feet)* Area in your Quick Setup.
* **Dimension** exactly as in the book.
* Make sure to use your DIMENSION STYLE button (the magnifying glass) to make your text size readable (maybe 4-5” or so) and convert your dimensional units to Architectural.

**DRAWING 2**: Page 380, Problem 1.

* Replicate this figure.
* Use DECIMAL units and Width 35.0 and Length 20.0 in the Area section of your Quick Setup.
* Assume that the two lines in the roof are 0.5 apart and that the top point of the roof is at the halfway point of the line of the house. (Set your POLAR TRACKING to 5 degrees if that makes the angle any easier to find.
* **Dimension** the figure, as in the book.
* Use DIMENSION STYLE to set your letters to be about .30 tall. Make sure to set dimensions to 1 Decimal place, as in the book’s drawing.

**DRAWING 3**: Page 447, Figure 29-9.

* Replicate this figure as closely as possible.
* Use ARCHITECTURAL Units and Width 40’ *(feet),* Length 27’ *(feet)* in the Area section of your Quick Setup.
* Draw the OUTSIDE lines of this figure and use the OFFSET Commands set to 6” to draw the inside of the double line walls. Add internal wall lines as shown in the book.
* Use AutoCAD Design Center>House Designer> ***Door- Left Hung*** and ***Window- Wood Frame 36”*** to insert the doors and windows. ROTATE and MOVE them and TRIM around the doors and doorways as needed.
* Add the internal text, exactly as in the book. Use FORMAT>TEXT STYLE>HEIGHT to put in different text sizes between 3” and 8” to make your text look as close to the book as possible.
* **Dimension** the figure, make sure to use your DIMENSION STYLE button to make your text size readable and convert your dimension units to Architectural.

**DRAWING 4:** Page 833, Figure 60-2.

* Replicate this figure. You must include EVERY line, letter and number, exactly as it appears in the figure in the book.
* Use ARCHITECTURAL Units and Width 60’, Length 40’ in the Area section of your Quick Setup.
* Draw the OUTSIDE lines of these walls and use the OFFSET Command set to 6” to draw the inside of the double line walls. Add all other walls, as needed.
* Use AutoCAD Design Center>House Designer> ***Door- Left Hung/Right Hung*** and ***Window- Wood Frame 36”*** to insert the doors and windows. ROTATE and MOVE them and TRIM around the doors and doorways as needed.
* Add the internal text, as in the book. Use FORMAT>TEXT STYLE>HEIGHT to set the text height to 8”.
* **Dimension** the figure, make sure to use your DIMENSION STYLE button convert your dimension units to Architectural and change your text height to 8”.

**COPY your “lastname\_1023/1024” folder to Mr. B.’s M: Drive Drop Box Folder (now called “hsdropbox”) for your class period.**

ngled lines le"ing is "oblem 2 (A Line Problem. t sides of the circle.))left and the square on the right.)