University of Sallahadin
College of Engineering
Electrical Engineering Dept.

Electrical CAD
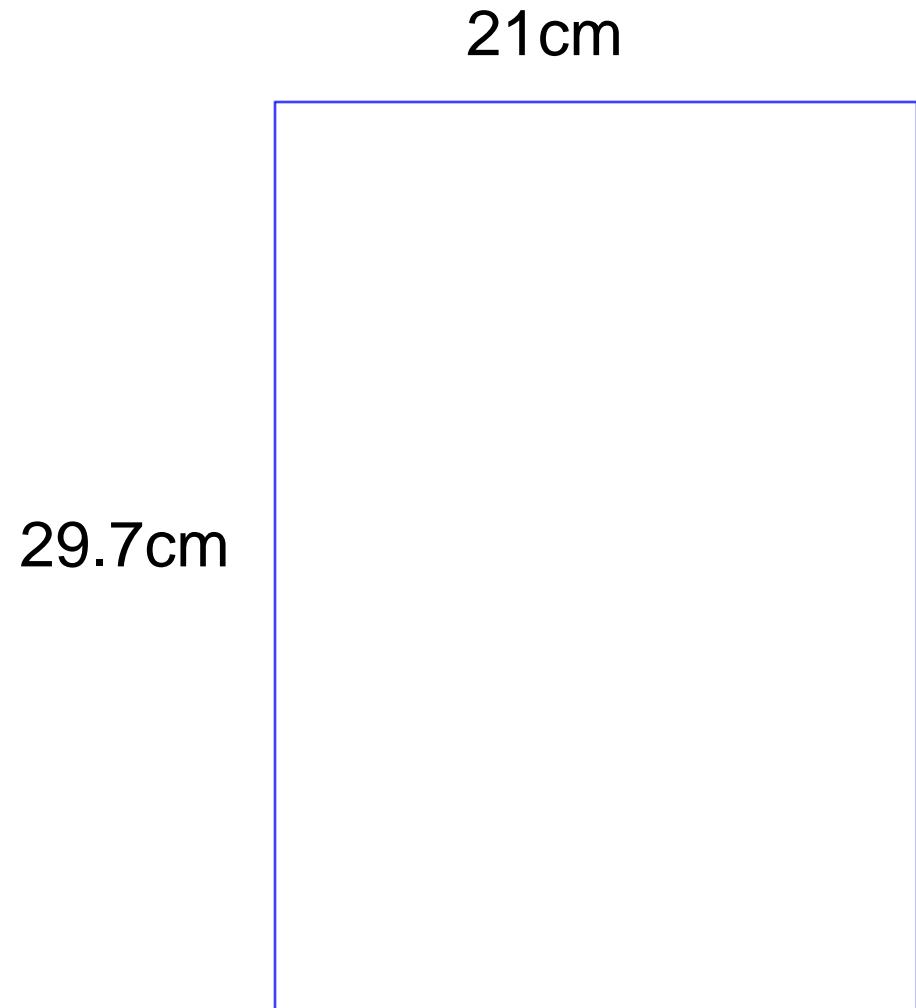## Lecture Five
Object Properties, Dimensioning and Plotting
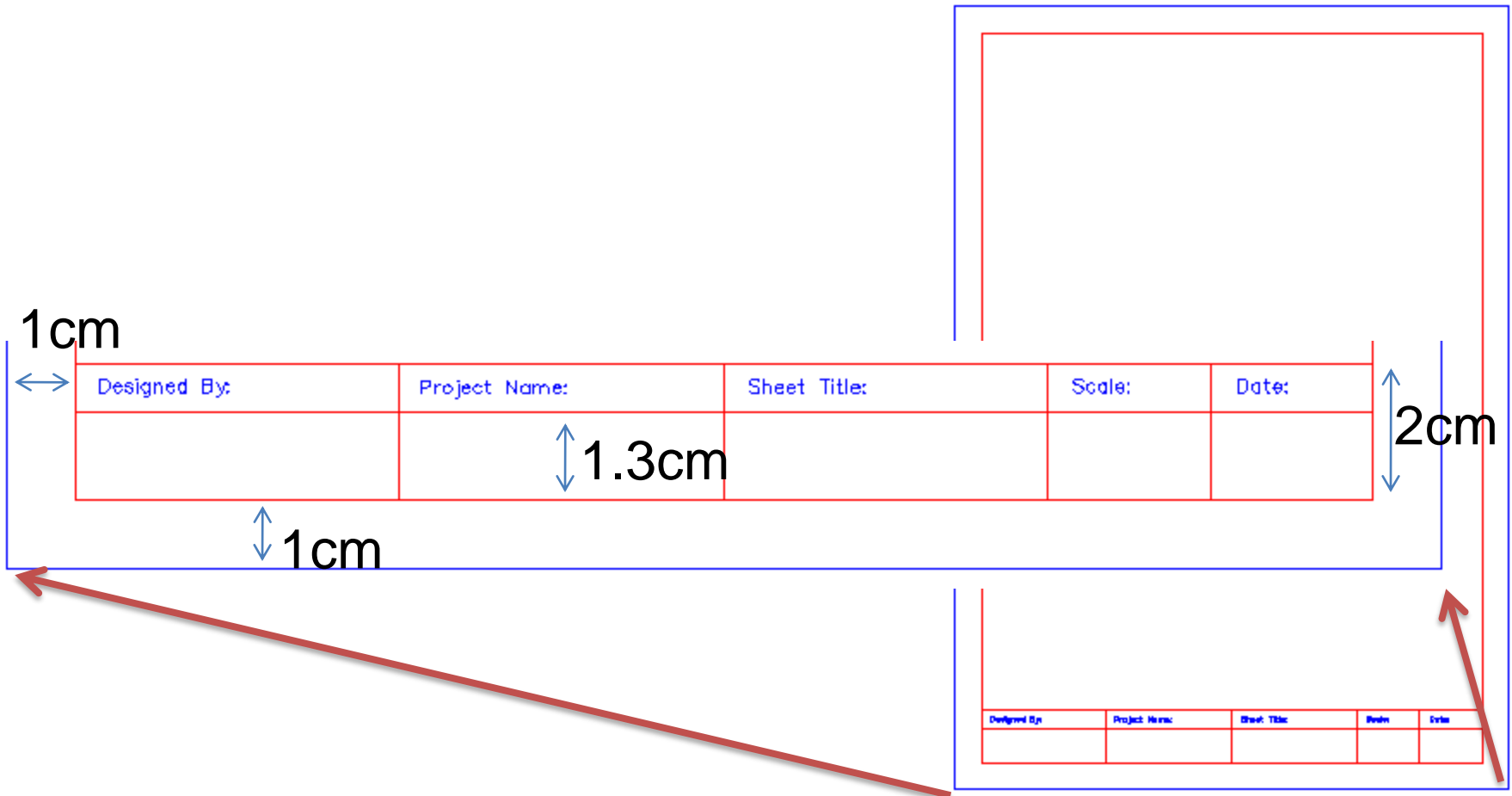
By :
Sarkar Jawhar
MSc in Electrical Engineering

Paper Preparation

- A4
- A3
- A2
- A1
- A0
- A5

21cm

29.7cm

SU-Erbil- Engineer Collage – Sarkar Jawhar

Paper Preparation

- Block Title: A4

Paper Preparation

- Block Title: A3, A2, A1 & A0

SU-Erbil- Engineer Collage – Sarkar Jawhar

Object Properties

- Objects color, line weight and line type could be modified using Object Properties.

SU-Erbil- Engineer Collage – Sarkar Jawhar

Object Properties

- Color

SU-Erbil- Engineer Collage – Sarkar Jawhar
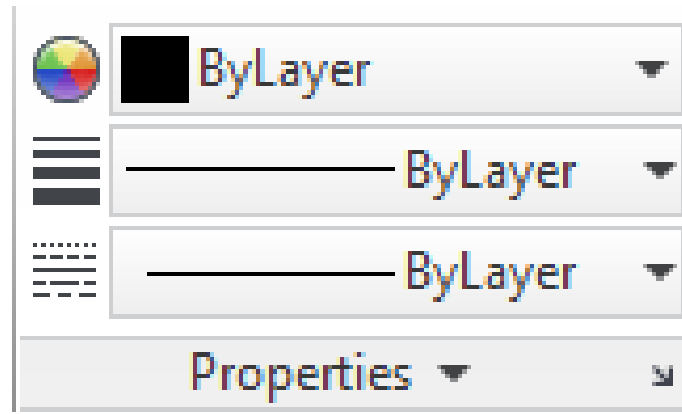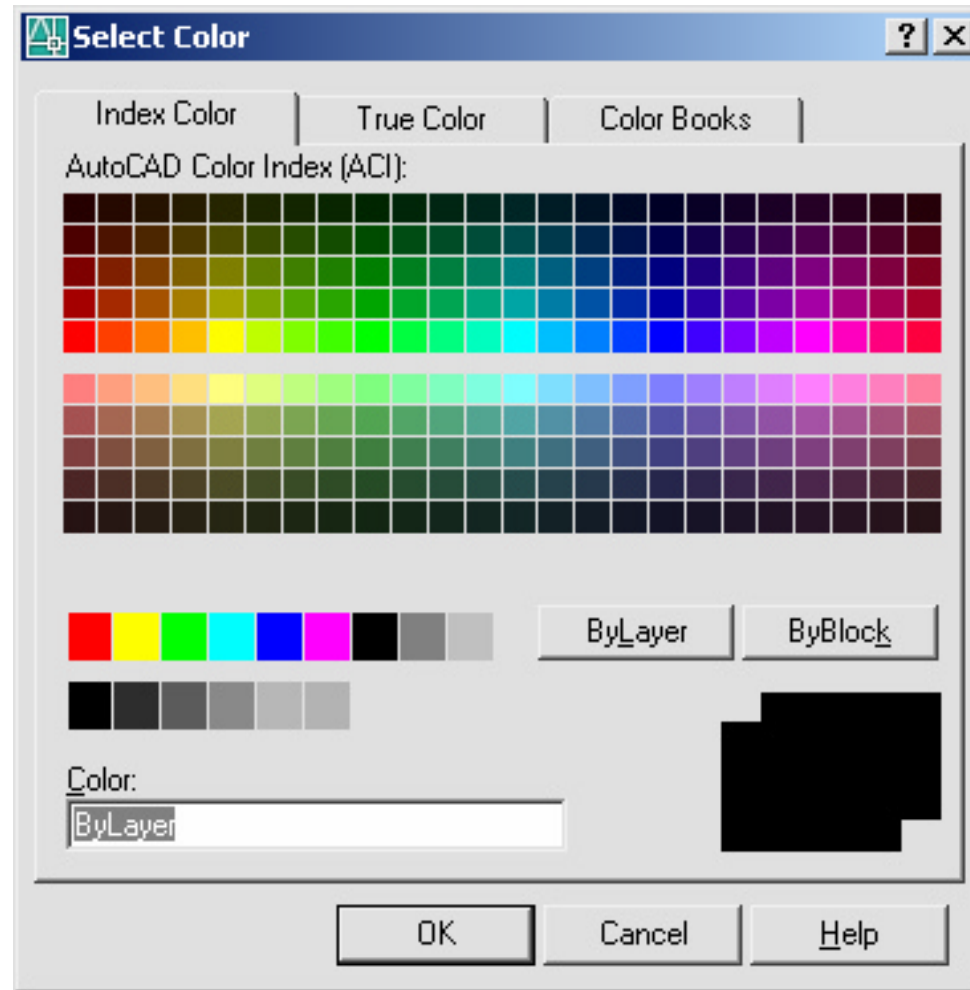
Object Properties

- Line weight

SU-Erbil- Engineer Collage – Sarkar Jawhar

Object Properties
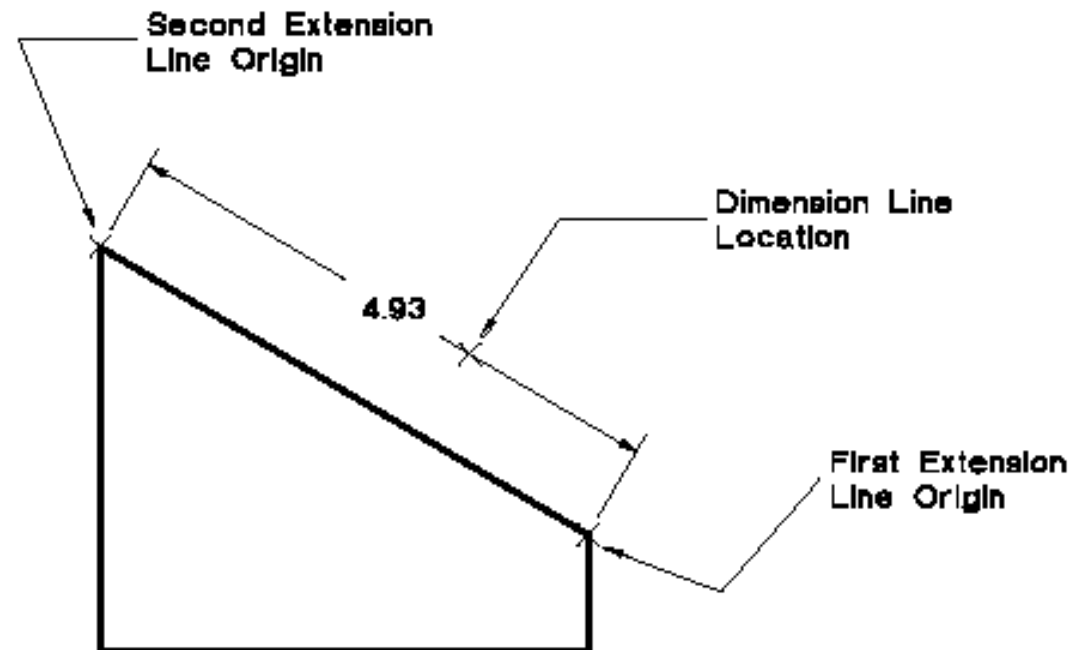
- Line types
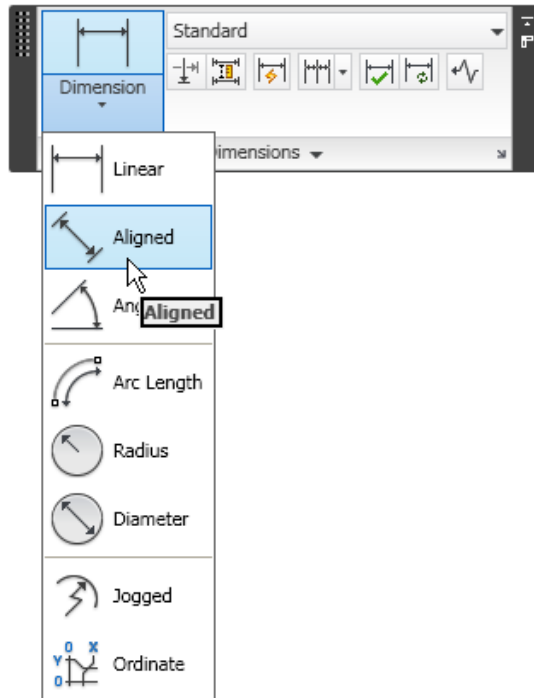

SU-Erbil- Engineer Collage – Sarkar Jawhar

Linear Dimensioning

Creates linear dimensions.
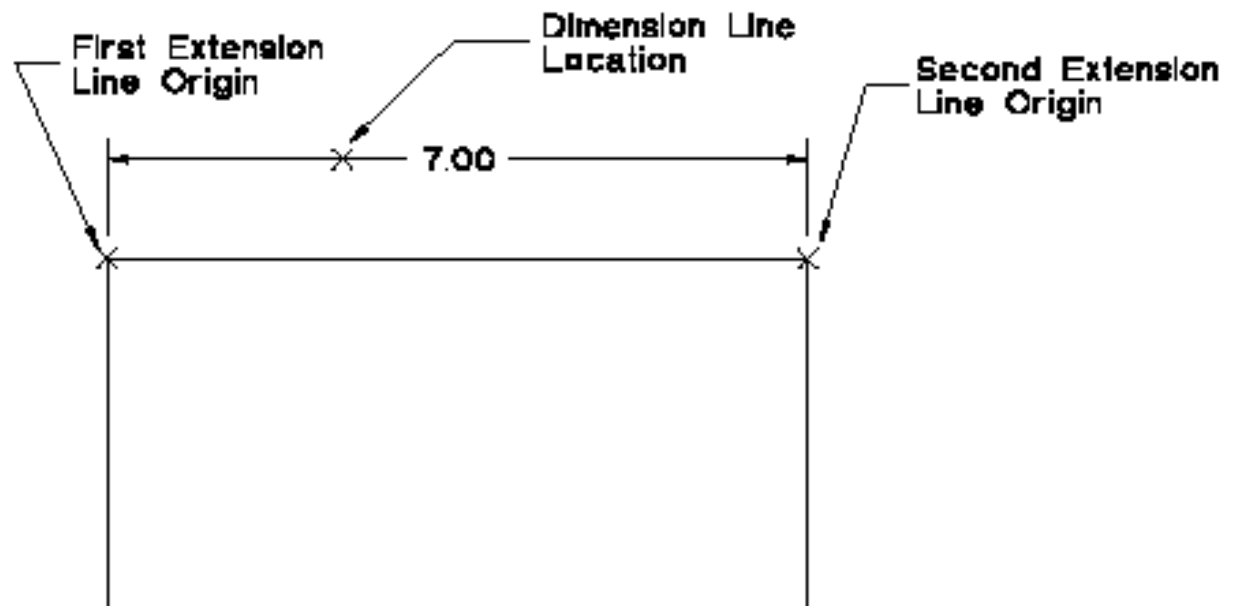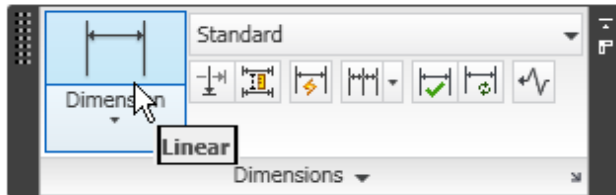
Aligned Dimensioning

Creates an aligned linear dimensions.

Radius Dimensioning

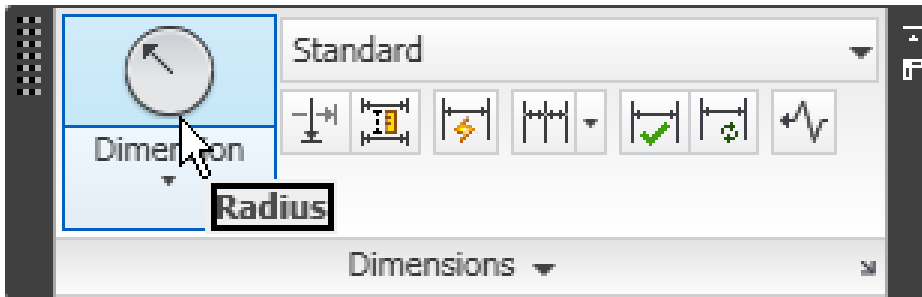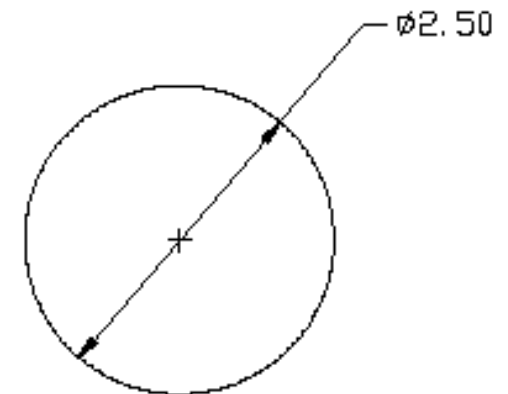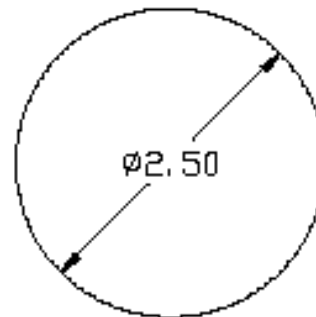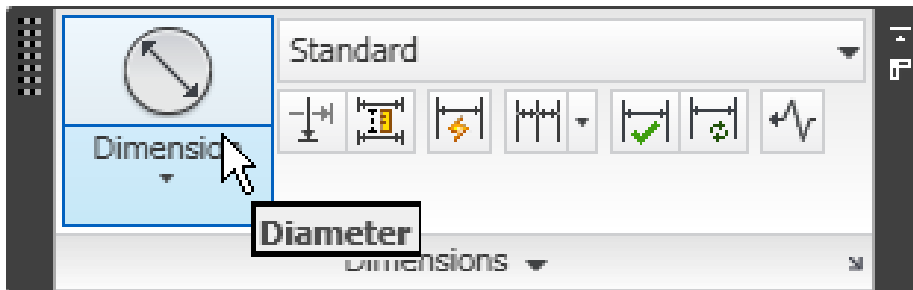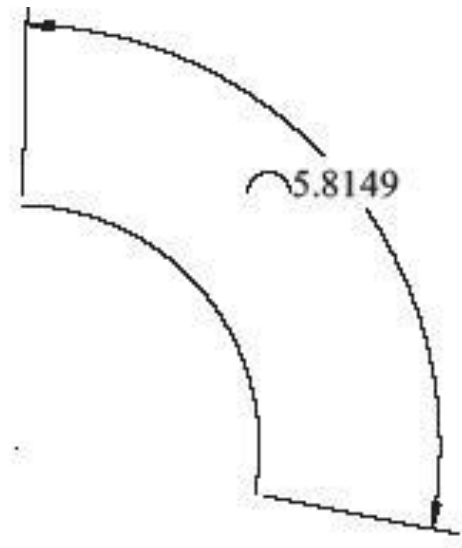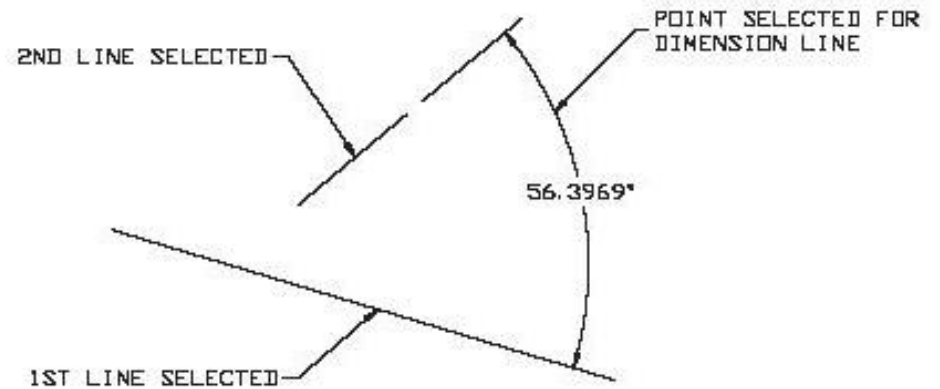SU-Erbil- Engineer Collage – Sarkar Jawhar

Diameter Dimensioning

SU-Erbil- Engineer Collage – Sarkar Jawhar
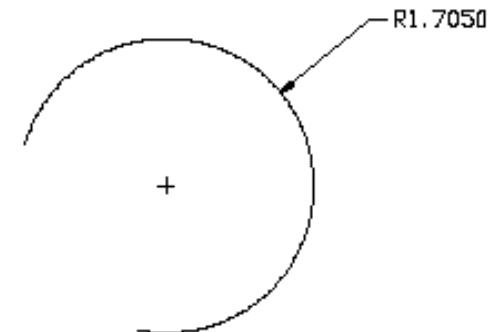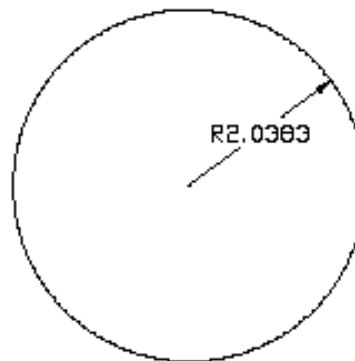
Arc Length Dimensioning

SU-Erbil- Engineer Collage – Sarkar Jawhar

Angular Dimensioning

SU-Erbil- Engineer Collage – Sarkar Jawhar

Dimension Style Manager

SU-Erbil- Engineer Collage – Sarkar Jawhar
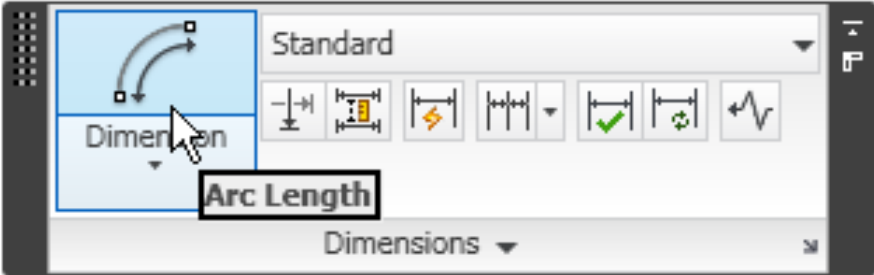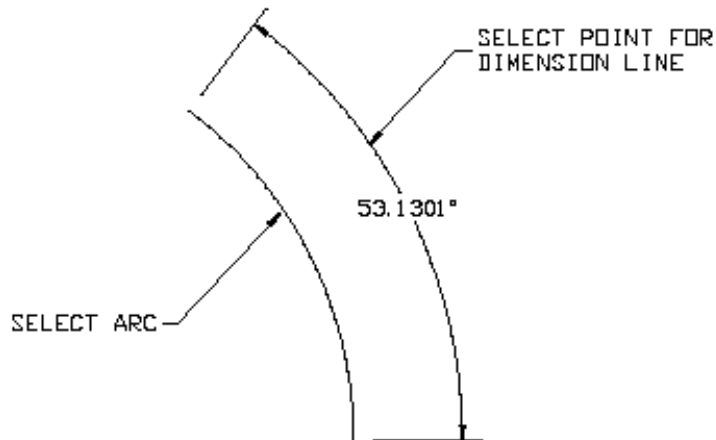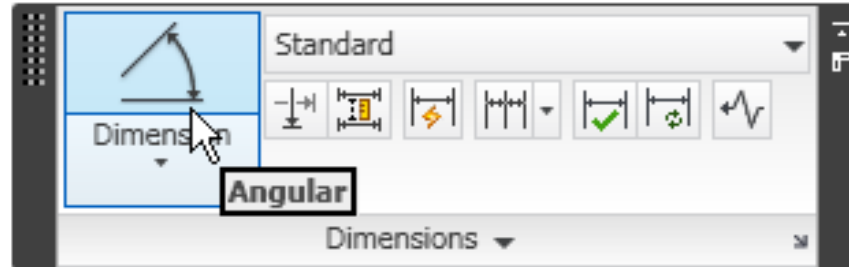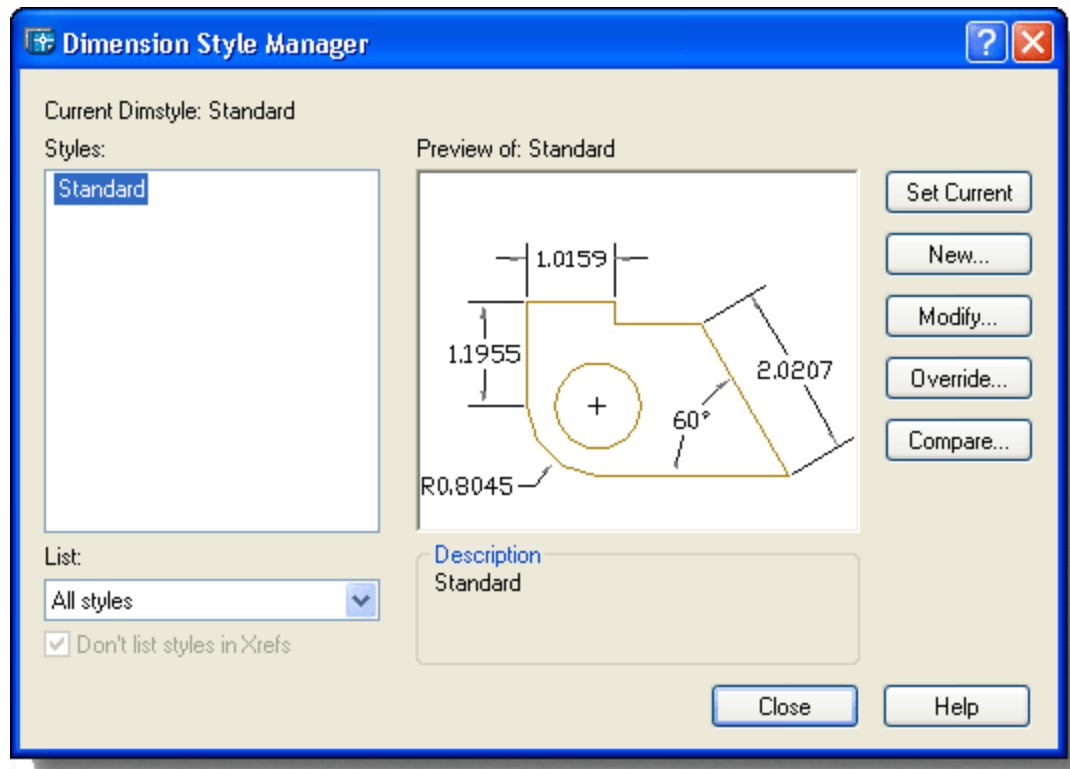
Dimension Style Manager

Modify Dimension Style dialog box – Lines selection

Plotting

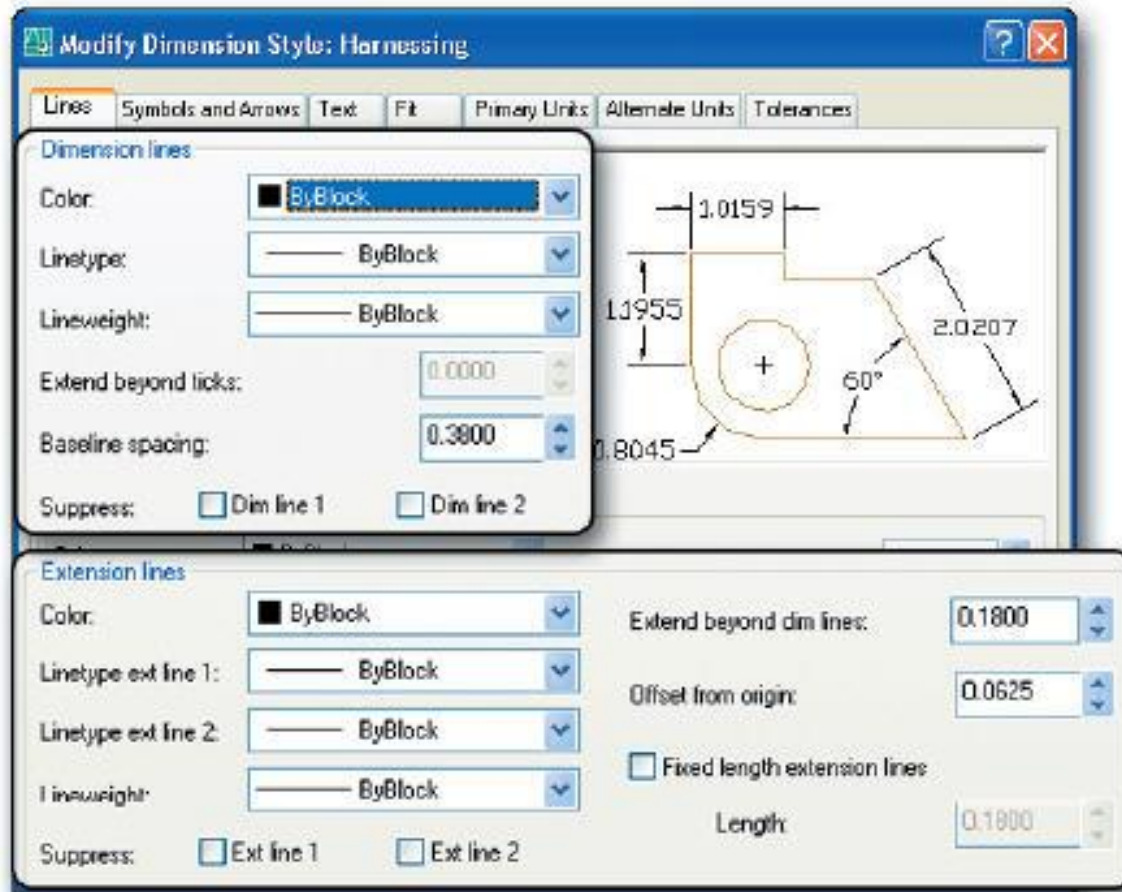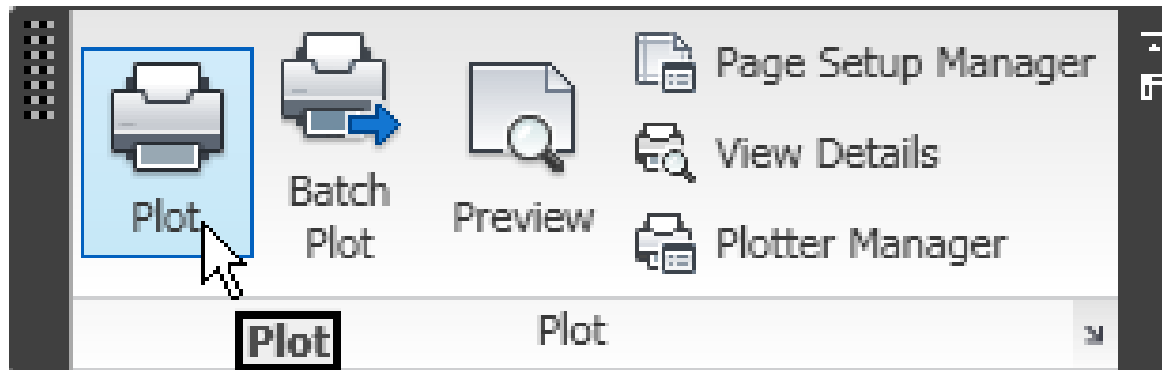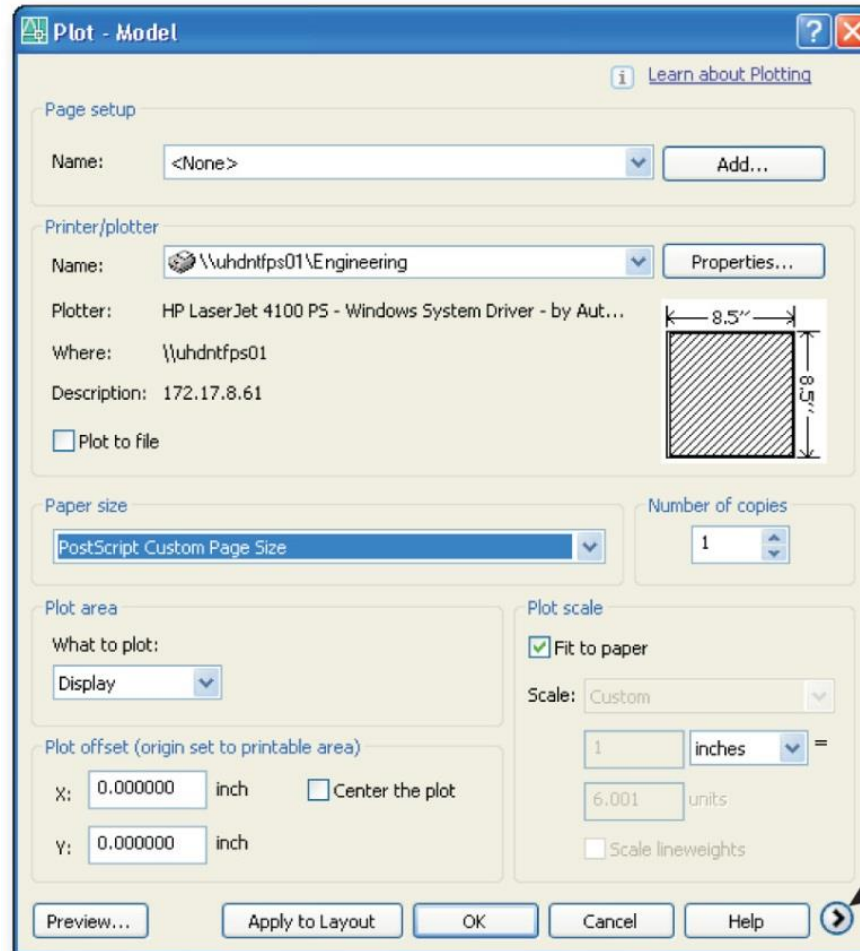- The drawing can be plotted from model space to any scale by specifying the plot scale in the plot dialog box.
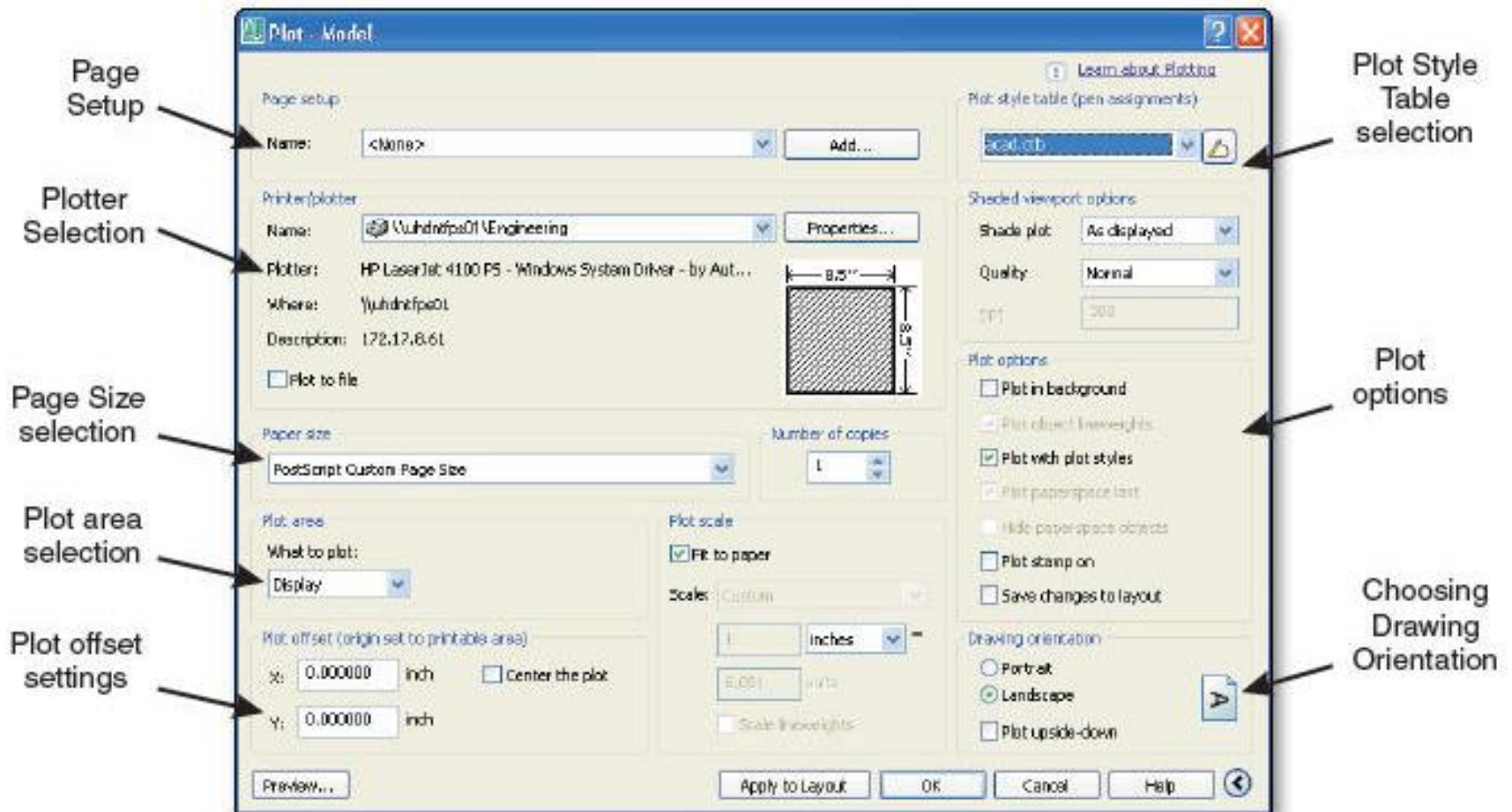
Plotting

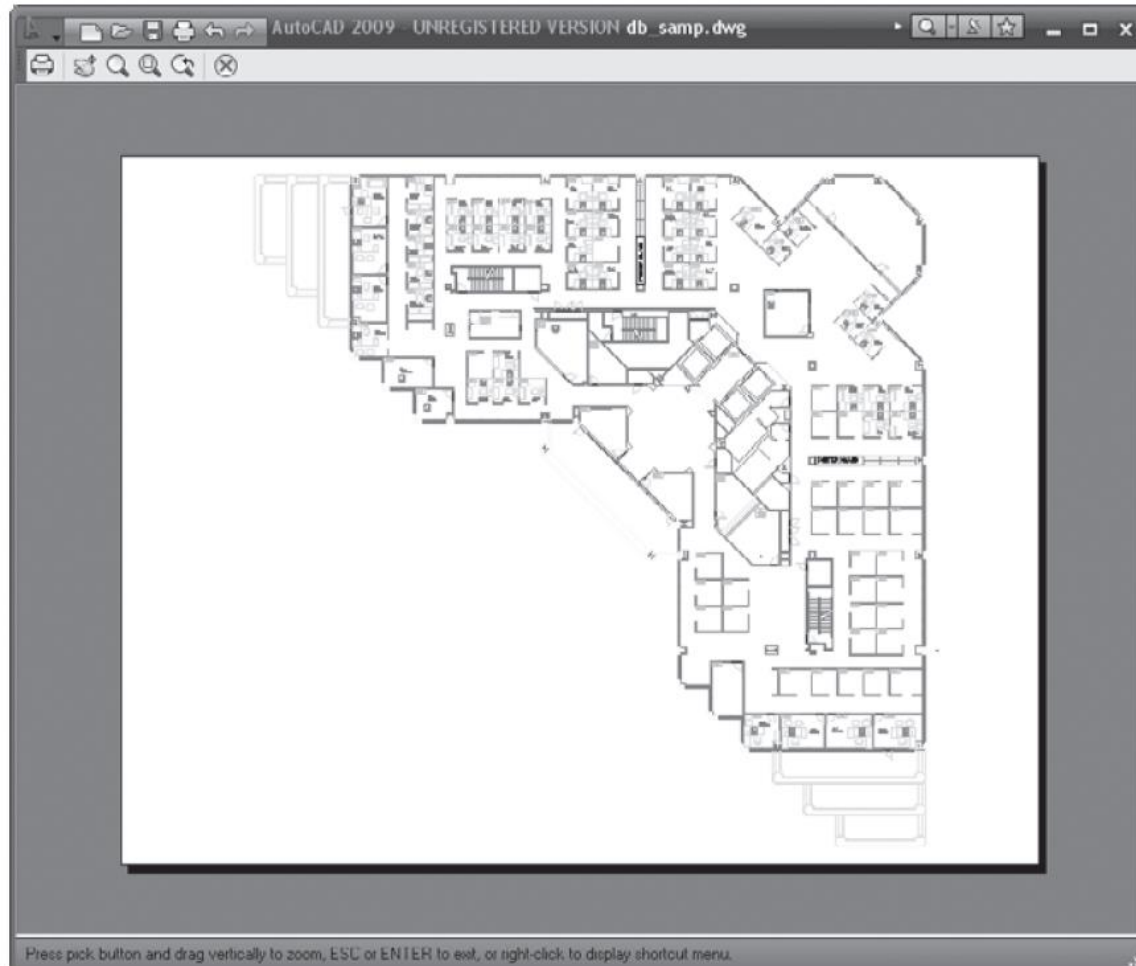Plot dialog box, not expanded

SU-Erbil- Engineer Collage – Sarkar Jawhar

Plotting

Expanded Plot dialog box with additional options

SU-Erbil- Engineer Collage – Sarkar Jawhar

Plotting

Plot preview

SU-Erbil- Engineer Collage – Sarkar Jawhar

Assignment

SU-Erbil- Engineer Collage – Sarkar Jawhar

Questions and Thank you

SU-Erbil- Engineer Collage – Sarkar Jawhar