# Engineering Graphics

**Assignment for Week_08**

**Instructions;**

*You will need to create Multiview drawing file by using CAD features (Draw, Modified tools, Text, Layers, Dimension Style).*

*After creating drawing, turn your drawing into photos and submit it.*

**It is necessary to make dimensioning and view names in your drawing.**

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1) Create template file for Matric Unit and name "**Matric_Temp**".

In your template, you need to make following settings;

- Units
- Dimension style with specified values (arrow size, text height, dim lines width)
- Layers (Construction line layer, Seen line layer, Hidden line layer, Dimension layer)
- Save template file by name "Matric_Temp".

It is necessary to make screen short to express the above processes for your dwt file.

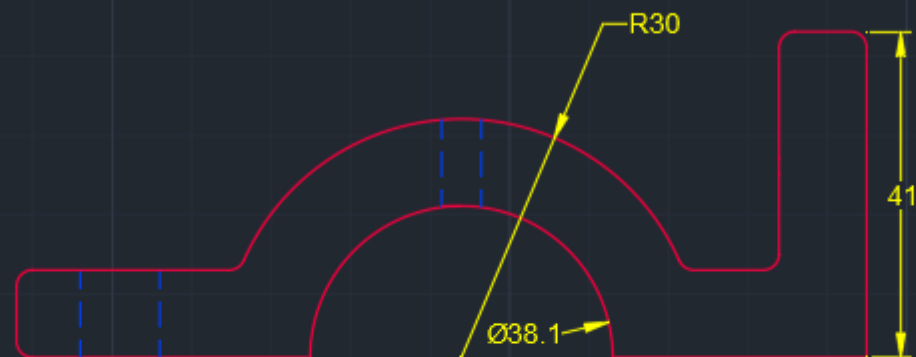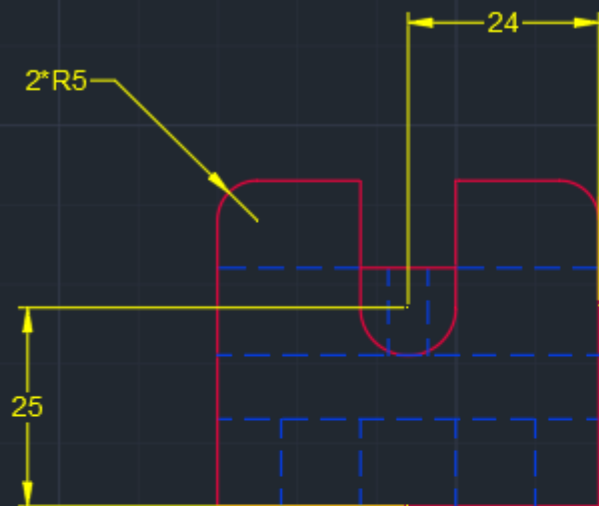2) Create template file for Imperial Unit and name "**Imperial_Temp**".

In your template, you need to make following settings;

- Units (Architectural)
- Dimension style with specified values (arrow size, text height, dim lines width)
- Layers (Construction line layer, Seen line layer, Hidden line layer, Dimension layer)
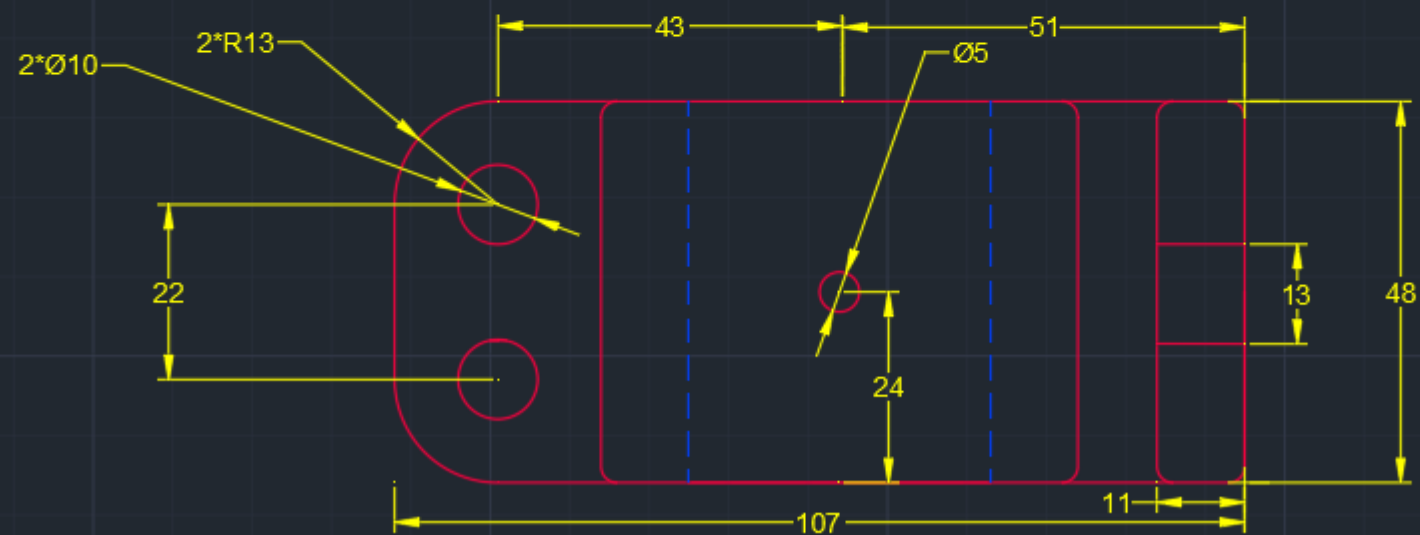- Save template file by name "Imperial_Temp".

It is necessary to make screen short to express the above processes for your dwt file.

3) Draw necessary views by using AutoCAD features. Dimensions and view name are needed to express in your drawing. Use your template file, *Metric_Temp* to create CAD drawing.



Source for figure: Technical drawing with engineering graphics Text book

Fig: Frame Guide

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## Front View

24

2*R5

25

## Front View

R30

41

Ø38.1

## Top View

2*Ø10

2*R13

Ø5

43

51

22

24

13

48

107

11

Top View