



University of Sallahadin
College of Engineering
Electrical Engineering Dept.



Electrical CAD

Lecture Six

Text, Hatch and Gradient

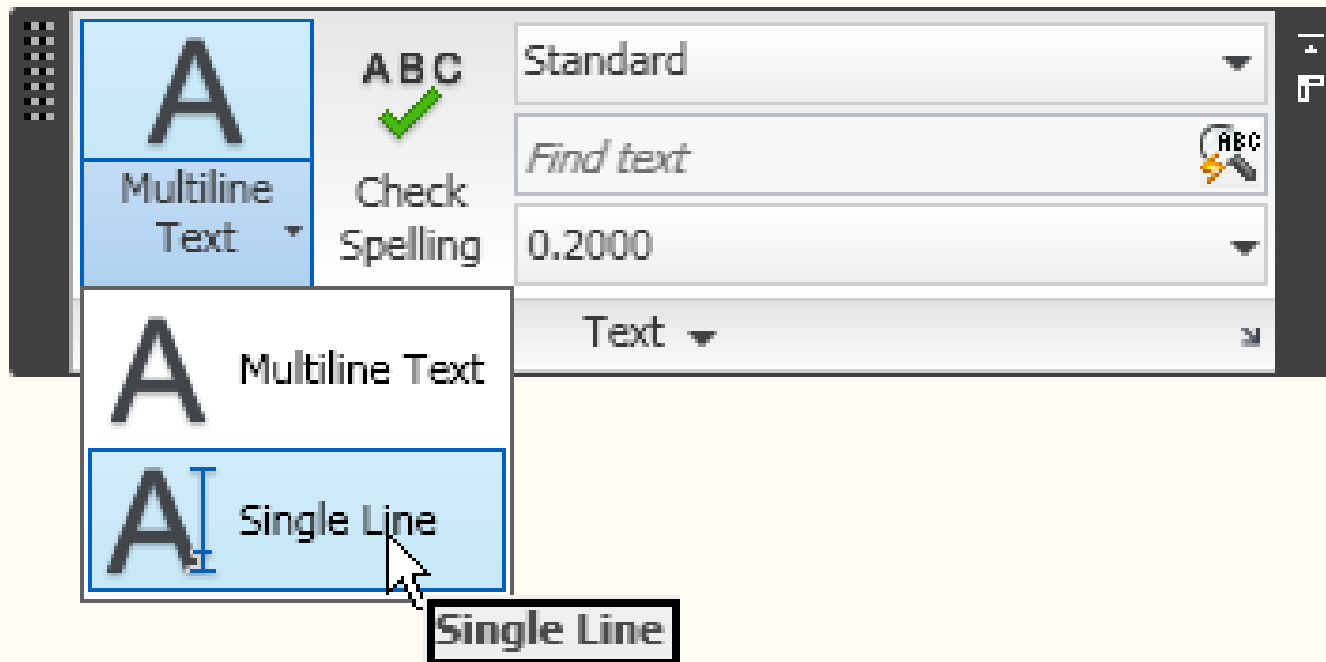
By :
Sarkar Jawhar
MSc in Electrical Engineering

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- Gradient

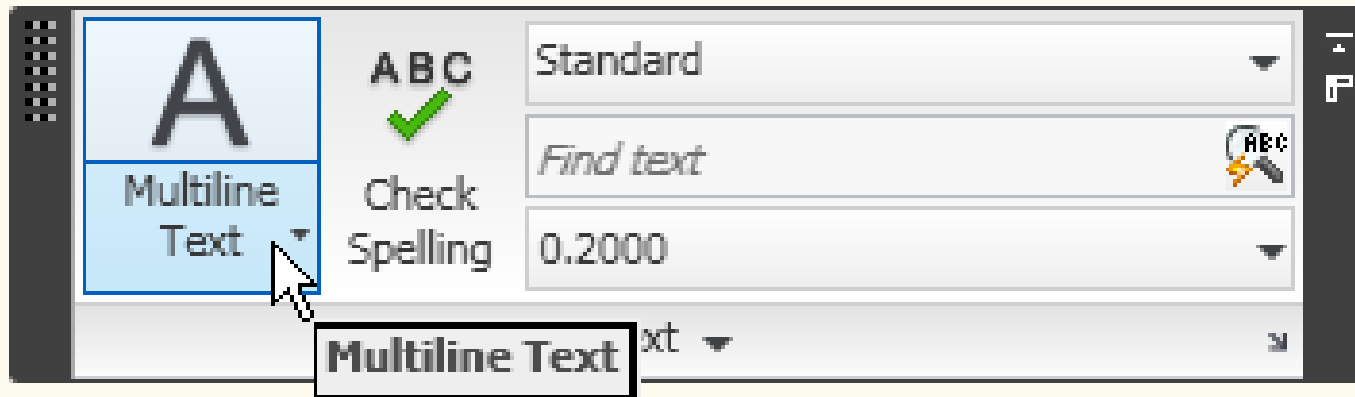
Single-line text

The **TEXT** command

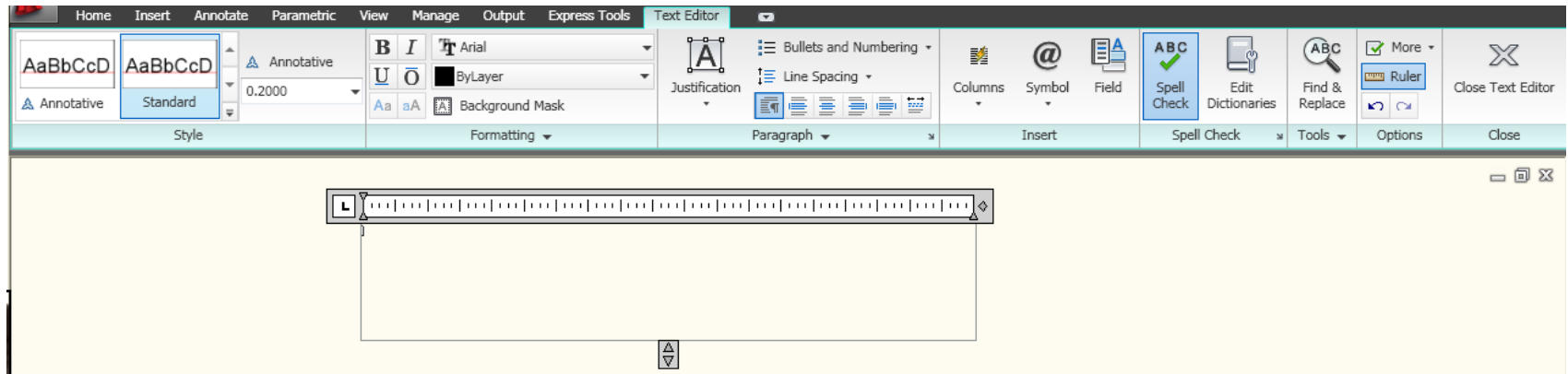


Multi-line text

The MTEXT command.

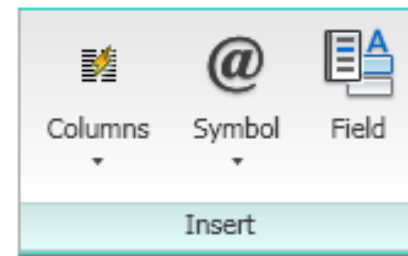
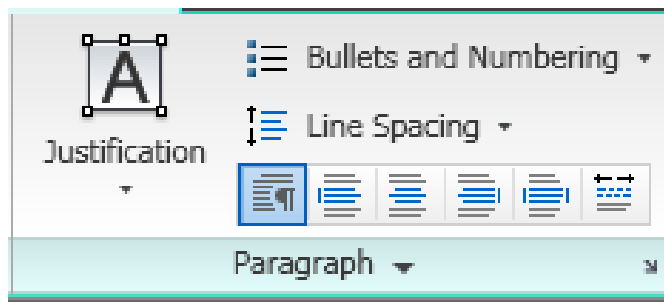
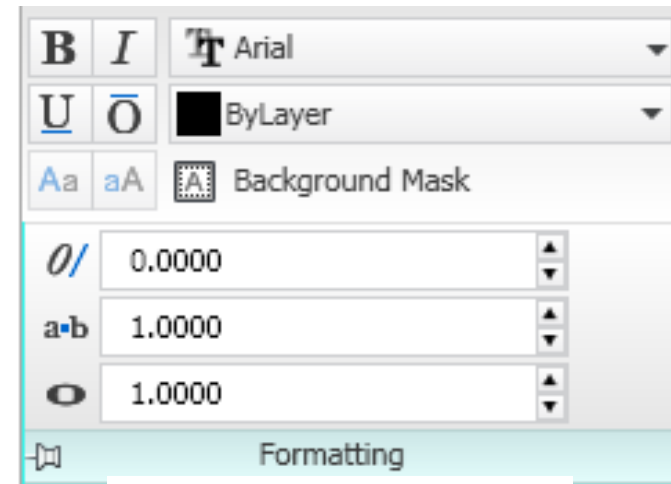
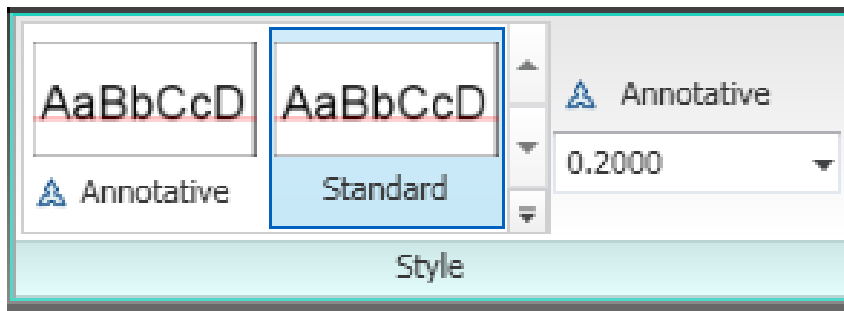


Multiline Text tab

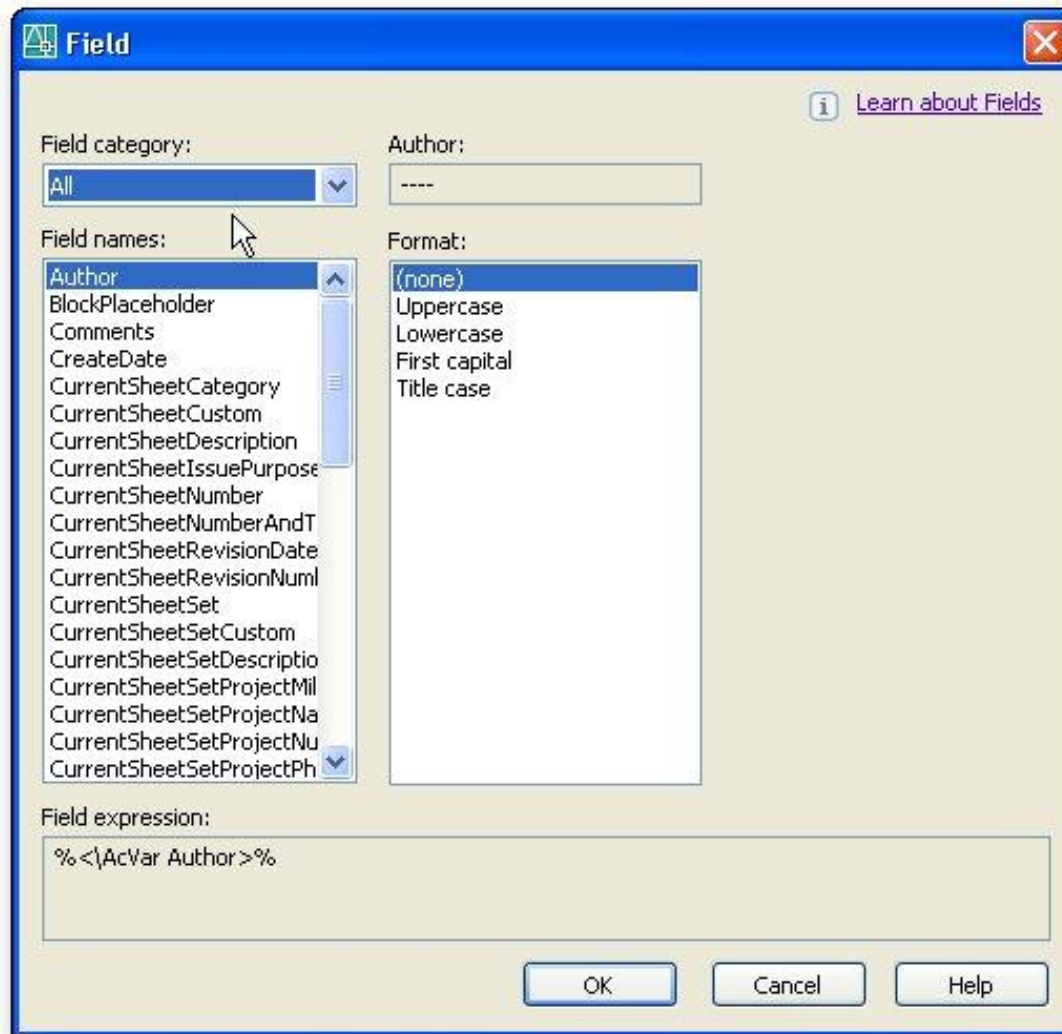


Multiline Text tab

Style panel, Formatting panel, Paragraph panel and Insert panel



Field



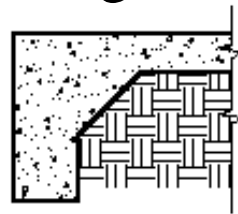
Text Symbols

Special Character or Symbol	Control Character Sequence	Text String	Example of Control Character Sequence
° (degree symbol)	%%d	104.5°F	104.5%%dF
± (plus/minus tolerance symbol)	%%p	34.5±3	34.5%%p3
∅ (diameter symbol)	%%c	56.06∅	56.06%%c
% (single percent sign; necessary only when it must precede another control sequence)	%%%	34.67%±1.5	34.67%%%%P1.5
Special coded symbols (where nnn stands for a three-digit code)	%%nnn	@	%%064

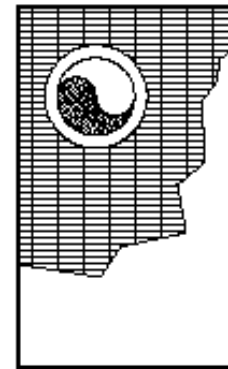
Hatch and Gradient

Repeating patterns, called hatching, is used to fill regions in a drawing for various purposes.

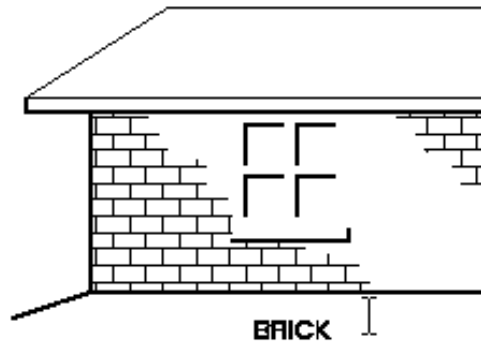
A gradient fill is a solid hatch fill that gives the blended-color effect of a surface with light on it.



CONCRETE/EARTH



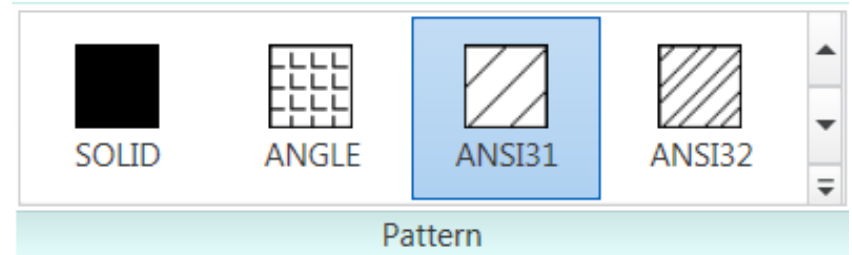
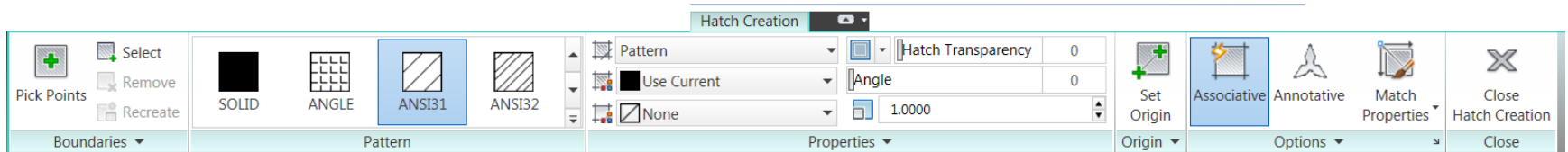
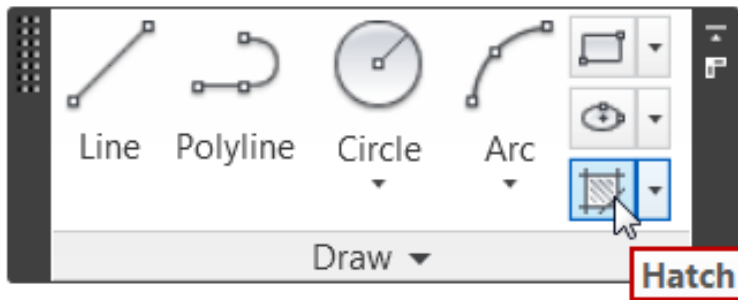
GRATING



BRICK

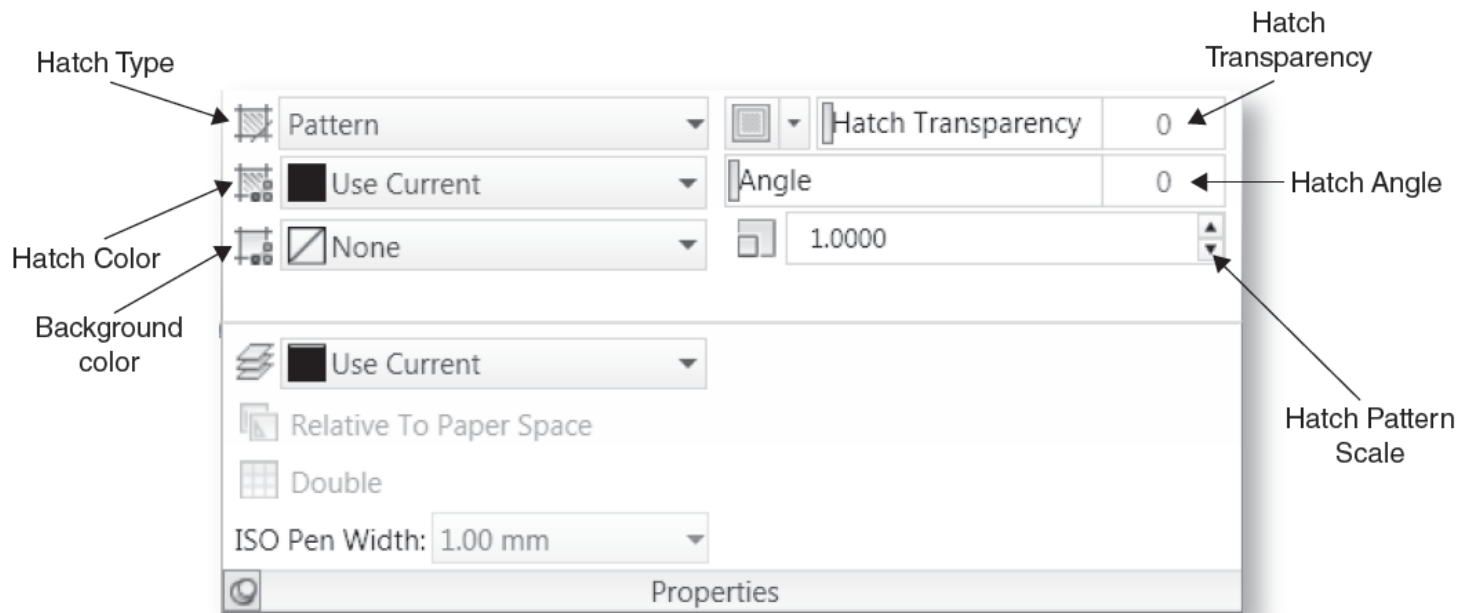
Hatch and Gradient

The Hatch and Gradient command fills an enclosed area or selected objects with a hatch or gradient fill.

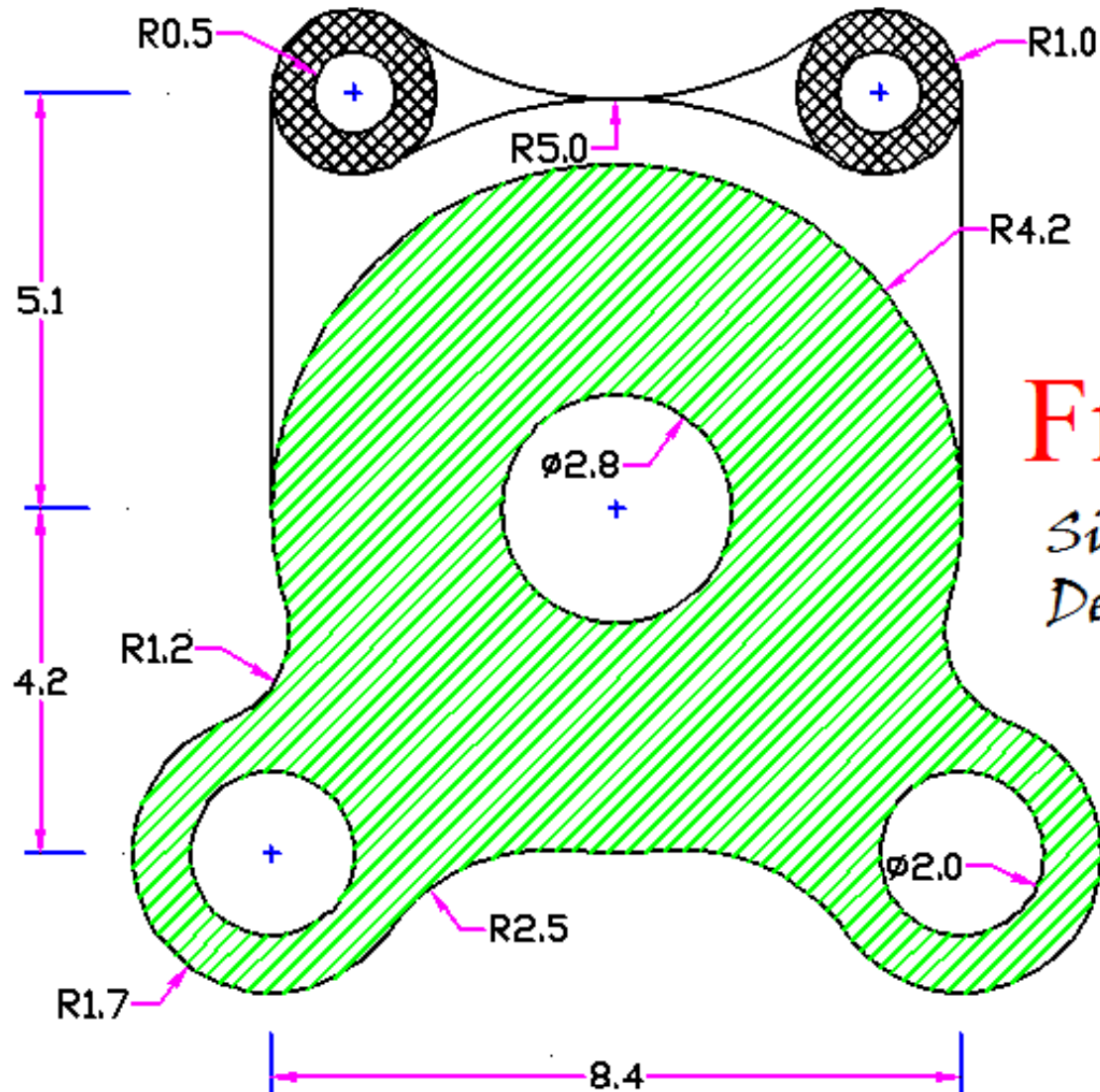


Hatch and Gradient

The Properties panel allows you to set the properties of the selected pattern.



Assignment



Frame

*Simple Frame
Design*

Questions and Thank you

*Thank
you*