

# More, More Drawing

STUDIOCRAFT



# Review

- ▶ Assistants
  - ▶ ORTHO
  - ▶ OSNAP
- ▶ Grips
- ▶ Properties
- ▶ Change Layer
- ▶ List



# Editing Review

- ▶ Undo/Redo
- ▶ Verb/Noun
- ▶ Noun/Verb
- ▶ Syntax/Process
  - ▶ Select Objects
  - ▶ Select Base Point
  - ▶ Make change
- ▶ Primitives from the Ribbon
  - ▶ Erase
    - ▶ Delete Key
    - ▶ Oops
  - ▶ Move
  - ▶ Copy
  - ▶ Rotate
  - ▶ Mirror
  - ▶ Scale
  - ▶ Stretch
    - ▶ Crossing Window



# Coordinate Review

- ▶ Absolute
  - ▶ Syntax: #x,y (location on the grid)
- ▶ Relative
  - ▶ Syntax: @x,y (positive to the right and up)
- ▶ Polar
  - ▶ Syntax: @d< $\theta$  (distance "less than" angle in degrees)



# Coordinate Filters:

- ▶ When something on the screen has part of what you want
  - ▶ SHIFT & RIGHT CLICK (or you can do the whole thing on the command line)
  - ▶ "POINT FILTERS"
  - ▶ Select the bit you want to copy
    - ▶ ".X" for the x-coordinate
    - ▶ ".Y" for the y-coordinate
    - ▶ For the time being we ignore the z-coordinate
  - ▶ Select the thing with that bit (often using an OSNAP)
  - ▶ When prompted ("Need XZ" or "Need YZ") click that location.
  - ▶ Try to hear it in you head: ".X of END of..."

# Additional Review

- ▶ Text
  - ▶ DTEXT
  - ▶ MTEXT
- ▶ Lineweight
- ▶ Linetype
- ▶ OSNAP Adjacent
  - ▶ M2P
  - ▶ FROM



# Hatching

- ▶ BHATCH
  - ▶ Boundary
  - ▶ Pattern
  - ▶ Angle/Scale
  - ▶ Associative
- ▶ EXPLODE



# Additional Editing Tools

- ▶ Offset
  - ▶ Set distance
  - ▶ Select side - iterative
- ▶ Trim
  - ▶ Select cutting edge(s)
- ▶ Extend
  - ▶ Select boundary
  - ▶ Toggle





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