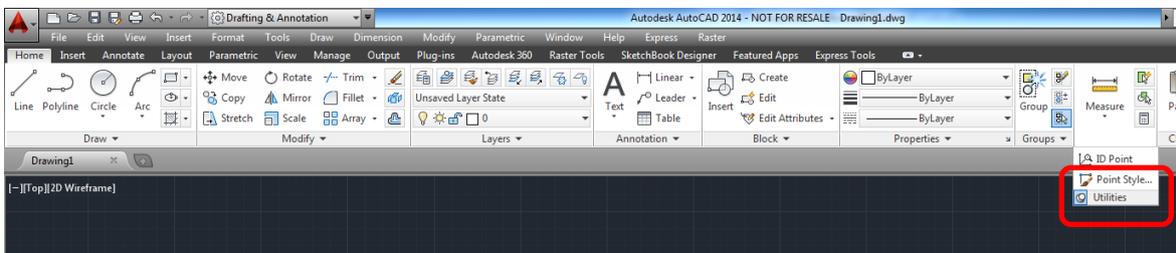


Nodes and Points

AutoCAD

A much overlooked object snap is snap to “NODE”, this can be used in conjunction with placing “POINTS” in the drawing using the “POINTS” command. The default setting for the “POINT” display however may be a little hard to work with, especially if “POINTS” are to be placed on an existing object, as the “POINTS” will appear as dots.

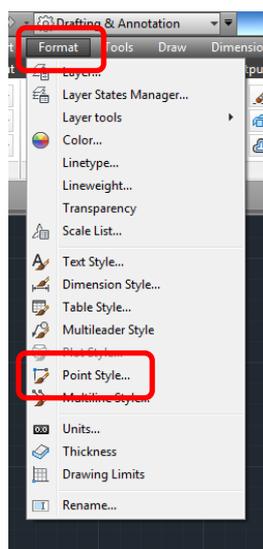
To change the “POINT” display use one of the following, expand the “UTILITIES” panel in the “HOME” tab and select “POINT STYLE” (which is probably the easiest option).



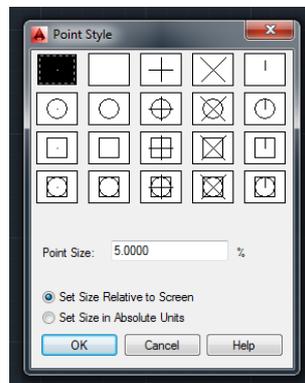
Or type in “DDPTYPE” at the command prompt.



Or if the menu bar is displayed select “POINT STYLE” from the “FORMAT” drop down.



Once the command has been selected, the “POINT STYLE” dialogue will be displayed.

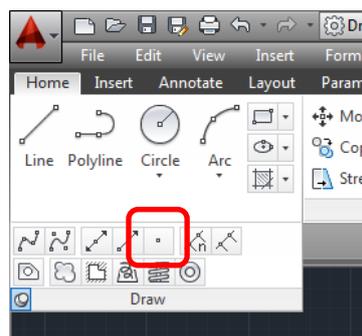


Select a suitable “POINT” display style, the point size is set to 5% relative to the screen; this means if the user zooms in or out of the drawing display, after a “REGEN” the “POINTS” will be displayed to 5% of the screen.

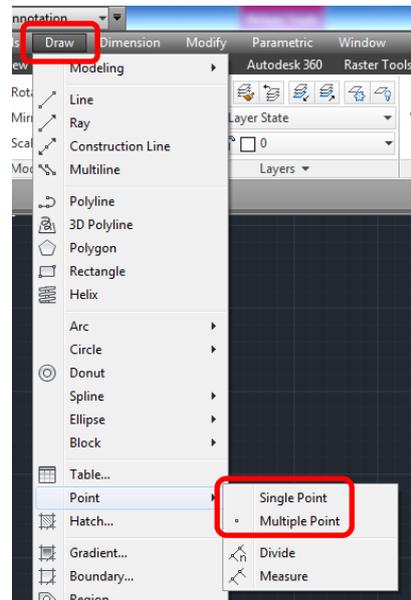
Select “OK” to keep the changes.

Adding Points Using the “POINT” Command

The “POINT” command can be accessed either by expanding the “DRAW” panel in the “HOME” tab, and selecting “MULTIPLE POINTS”



OR if the if the menu bar is displayed, by selecting either “SINGLE POINT” or “MULTIPLE POINT” from the “POINT” fly out in the “DRAW” drop down menu.



“POINTS” of the previously set style can now be place on the drawing.

By setting the running snap to “NODE” or using the “OBJECT SNAP” overrides “NODE”, objects can now be drawn to and from “POINTS”.

NOTES:-

1. If the “POINTS” are displayed they will print. (SEE NOTE 6 BELOW).
2. Only one style of “POINT” can be used in the current drawing.
3. Changing the “POINT STYLE” will change all points in the drawing to that style.
4. “POINT” styles can not be purged from the drawing.
5. “POINTS” will take on the properties of the layer they are placed on.
6. To stop the “POINTS” from printing use one of the following methods.
 1. Place the “POINTS” on a separate layer which can be set to either “NON PLOT” or “OFF”
 2. Reset the point style using the “DDPMODE” dialogue to none (second style option from the left on the top row of the point style dialogue), this option will keep the points in the drawing and allow the point positions to be displayed by changing the “POINT STYLE”.