

16_35 Referencing Files in AutoCad

Question:

AutoCAD DWG's that are converted from V8 are way off the mark when referencing the DWG into another original drawing in AutoCAD.

Answer:

Autocad as many of you know uses an insertion point when you attach XREF's or blocks. Normally we would key in 0,0,0 to insert either of these in the correct location coordinately. The problem lies in the fact that V8 now being so akin to Autocad that it uses what is called a Insertion Base in its drawings. This is different than the Global Origin. If the original V8 DGN has this value set to something other than 0,0,0 and you convert it to DWG what happens is the drawing will shift as a reference when you say "insert at 0,0,0" in Acad. The way to correct the problem is to Key in, DWG BASE 0,0,0 in your drawing. You can check this by keying in "DWG BASE" then enter, it will show where the insertion coordinate is located.