

Eir Requirements

1. Please provide Eir with a clean purged/ Audit **Model Space** AutoCAD 2010 drawing set up and correctly positioned in one of the following specified Grid Systems: -
 - *Irish Transverse Mercator co-ordinate format in **metres***
 - *Irish National Grid co-ordinate format in **metres***
 - *Irish National Grid co-ordinate format in **millimetres***

The drawing must be in INSUNITS set to 4(mm) or 6(m) and the UCS- must be set to World.

When submitting the AutoCAD "DWG" it should be clearly specified which of these Grid Systems is been used. Double-check that the co-ordinates and units of measurements used are correct.

2. All excess/non-applicable drawing entities must be deleted. Eir only require a site and building outline with house numbers where applicable. All street furniture, plantations etc. should be removed from the drawing. In order to minimize the file size drawings must be cleaned and purged.
3. File size must not exceed 10MB. Excessive layers can dramatically increase file size.
4. The drawing must be at its actual location in the GRID system using the established site co-ordinates.
5. The drawing must be at 1:1 scale, neither scaled up nor scaled down.
6. The NORTH Point must always be pointing NORTH relative to the stated GRID system.
7. Do not submit Paper Space drawings.
8. As per www.eircode.ie/faqs it can take approximately 4 months to have an eircode assigned to a new building. It is important that this process is initiated by the Developer as soon as practicable. The absence of an Eircode can cause a delay in the provision of service by a Service Provider to its customer.

Please see Appendix 1 for scaling or moving drawings if required.

Appendix 1

How to make your CAD Drawing compatible with Smallworld.

1. To scale a drawing from millimetres to metres.
 - The commands are as follows:
 - SC – For Scale
 - Pick a base point
 - 0.001
 - Enter
2. To place the drawing into the correct location.
 - Known co-ordinates – Cross check by going online and find the position of you building (<https://irish.gridreferencefinder.com>)
 - Use correct X and Y coordinates to position your building.
3. Finally, to position your drawing in the correct location using the known coordinates you type into CAD the commands.
 - Select your whole drawing (*Control A*)
 - M to move the drawing
 - Pick a base point to move the drawing from
 - Type *X Coordinate,Y Coordinate (*No spaces. * indicates that this is an absolute value*)
 - Enter.
4. Your drawing should now be in the Grid co-ordinate system of the co-ordinates entered. (Note: Scale of drawing and grid co-ordinate system used should match)