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Autocad drawing protocol
Version 4 11 November 13

1   Drawings units:

1 drawing unit = 1mm

2   Units:

Accuracy to 1 decimal place linear and angular measure

3   Text:

All text in multi-line format.
Font = Arial standard us/uk truetype, width factor = 1, text style height = 0
Annotation in model space, room names etc to plot @ 4mm high, notes to plot at 2mm high
Titles to plot @ 4mm high
Revision notes to plot @ 2m high
All text is normally in sentence case and **NOT** all upper case.

4   Dimensions:

Associative dimensioning throughout,
Text override of dimensions **NOT** allowed, but additional text notes / qualifications are allowed
(ie: 4000 - *check dimension*).
Dimension text to be positioned to avoid text clashes etc + aid visual clarity.
Text height to plot @ 1.5mm
Do not show units or alternative units
Linear markers to be architectural ticks, to plot @ 3mm
Angular markers to be solid arrows, to plot @ 3mm
Gap from origin to plot @ 1mm + 4mm extension line
Extension past marker to plot @ 1mm

5   Linetype:

Use Autocad linetypes ACADISO02W100 to ACADISO11W100 + batting
Do not use other c dashed linetypes etc

System variable CELTSCALE should be set to 1

Generally, linetype scale of individual elements should be 1 and the global linetype scale
adjusted to ensure visibility. This may be varied as required, but variations < non-variations.

Psltscale system variable = 1

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continuation…

6   Pen colours:

1	draws red	plots black @ 0.18mm
2	draws yellow	plots black @ 0.35mm
3	draws green	plots black @ 0.35mm
4	draws cyan	plots black @ 0.50mm
5	draws blue	plots black @ 0.70mm
6	draws magenta	plots black @ 0.15mm
7	draws black	plots black @ 0.25mm
8	draws grey	plots black @ 0.13mm

7   Layering:

Layer name	Content
An*	annotation – text, symbols etc to suit the scale indicated
An-room names	annotation - room names
An- windows tags	annotation - window tags
An- doors	annotation - door tags
An grid	annotatio - grid + grid setting out
Dim*	dimensioning to suit the scale indicated
Defpoints	autocad layer
Gr*	graphics layers - showing the elements indicated
Gr-objects	graphics - blocks such as cars, people etc, but not trees, sanitary ware etc
Title	drawing frame + revision notes
Vport	View port – set to not plot.

Refer also to our standard drawing template for layering protocol.

8   Autocad version

Save all drawings as Autocad 2004 / Autocad Lt 2004.