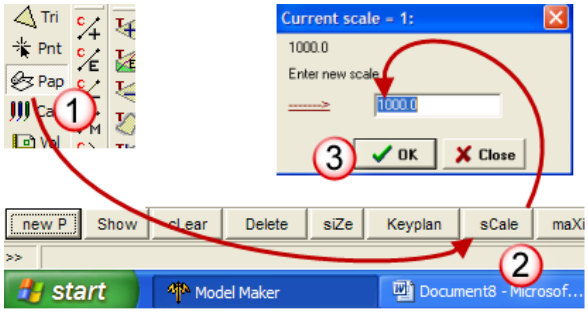
MMS DESIGN

Survey & Engineering Solutions

# HOW TO CREATE YOUR OWN AUTOMATED TITLEBLOCK IN MODEL MAKER

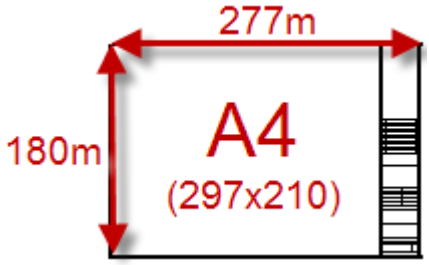
**Background**
This tutorial will teach you how to create a custom title block that will automatically add information like Scale, Date, Client Name, Job Description etc. on the drawing. The titleblock will clip just the predefined overlapped area of your project and draw your titleblock around it. This is especially nice if you only want to focus on a small section of your project. A titleblock for each paper size must be created e.g. A0, A1, A2 etc.

**Step 1:**
Set your plot scale to 1:1000




**Step 2:**
Draw the titleblock line work

**Tip**: 1m in Model Maker = 1mm on paper
**Tip**: CAD layer name = BORDER
**Tip**: Draw the actual frame 20m shorter than the actual paper size




**Step 3:**
Add fixed CAD text to titleblock

**Tip**: CAD layer name = BORDERTEXT

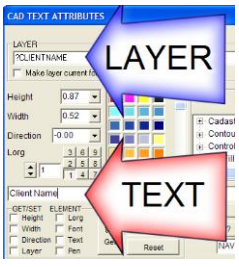
Your company name
Your Address details
Your telephone numbers etc.

**Step 4:** Add temporary variable CAD text as placeholders. Every time you print, Model Maker will prompt you to enter the actual text values and in doing so, replace the placeholder text on the printout.

**IMPORTANT**: Add a question mark (?) in front of LAYER NAME e.g. ?DRAWNBY or ?CLIENTNAME

**Tip**: For the actual text value, just type in dummy information

| CAD LAYER | CAD TEXT |
|---|---|
| ?CLIENTNAME | Client Name |
| ?JOBDESCRIPTION | Job Desc. |
| ?PLANNUMBER | Plan Nr |
| ?DRAWNBY | Drawn By |





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T INT +27 21 975 7043
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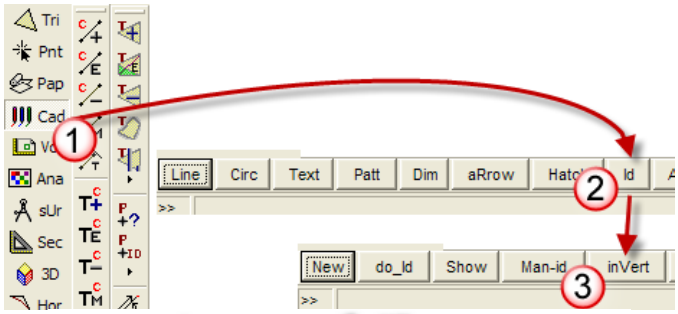
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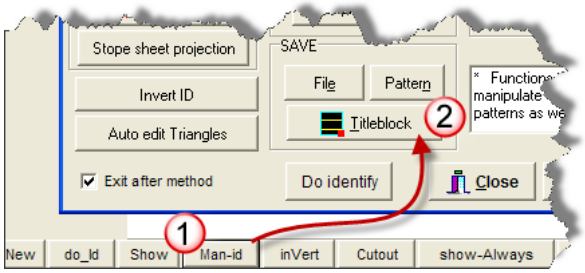
**Step 5:**
Id everything

**Tip**: CAD > ID > Invert > Yes



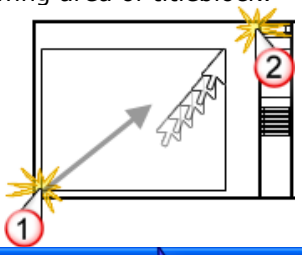

**Step 6:**
Compile titleblock with Manipulate ID

**Tip**: CAD > ID > ManID > Titleblock



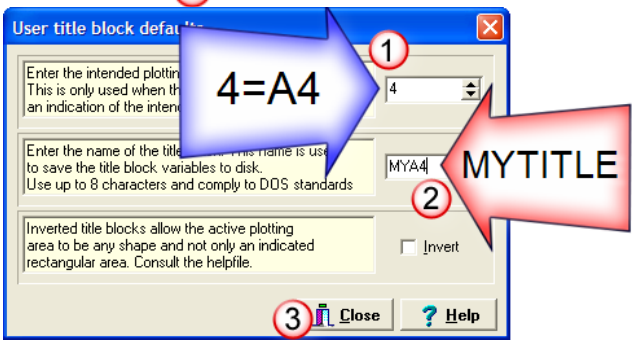

1: Save pattern by giving name
2: Indicate base position usually bottom left corner
3: Indicate drawing area of titleblock:

**Step 7:**
Follow prompts



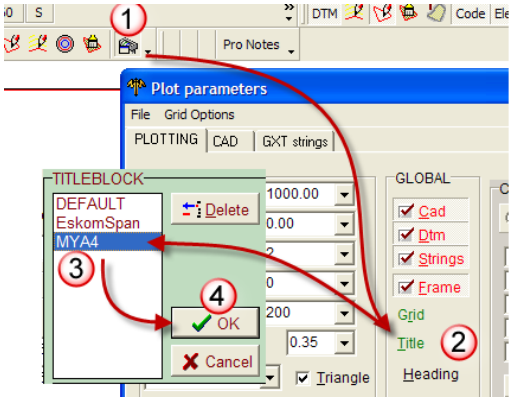
**Step 8:**
1: Enter the titleblock size. Enter a 4 to signify an A4
2: Enter a descriptive name so that you can call up the titleblock later e.g. A4Landscape or A4L etc.
3: Close

That is it, the title block is defined!




**Step 9:**
To use your new titleblock do the following.

**Tip**: Start a new session and load a new project as usual.




**Step 10:**
Activate your new titleblock

**Step 11:**
Place a paper window like usual and Output > Defined Plotter to print, but this time remember to fill in your new data values you created in the "Text" page. Press OK and follow prompts.

