



## **Auto Load a Macro for example Popcalc Customized Variables**

It was brought to my attention by Brent James of Dibble & Associates that these variables do not stay loaded if you exit MicroStation ☺ Brent was assigning the key-in to a function key to quickly save his variables.

This was a great example of how to apply the function key menu, but I wanted the variables to load each time without thinking about it. Here is what I came up with.

### The Macro

This macro will work as a list of command strings that loads each time a file is opened.

- Using the record macro function from Utilities>Macro>Create BASIC Macro...
  - The name of the new macro was "AccuDraw\_Variables"
- I then record the key-ins to "AccuDraw\_Variables"
  - popcalc variable save f2m 0.3048
  - popcalc variable save m2f 3.2808
  - popcalc variable show

I added the "show" key-in just so I knew it worked, you can remove the "show" key-in once it is working.

### The Configuration

I used my User Configuration or UCF file to tell MicroStation to load this macro each time a file is opened. The only thing to remember is to place the macro in a folder that is currently being searched.

For example C:\Program Files\Bentley\Workspace\standards\macros\

Not sure where your UCF file is? Look in the About Workspace dialog Workspace>About Workspace.

Add these two lines to your UCF file and watch it load.

```
MS_DGNAPPS > runmacro.ma
```

```
MS_DGNMACROS = AccuDraw_Variables.bas
```

Download the Macro and an example of my UCF file from our website.

[www.TheEnvisionGroup.net/](http://www.TheEnvisionGroup.net/)

Feedback is always appreciated if something is not clear or I am missing a valuable piece of information (like I did this time) please send me an email [rbm@TheEnvisionGroup.net](mailto:rbm@TheEnvisionGroup.net)

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