**AB Fence Template**

Loading the AB Fence Template:

* Save the .zip file to a location on your computer where you can find it
* Extract the contents of the .zip file
* Open AutoCAD and open **AB FenceTemplate.dwg**
* On the menu bar go to *Tools/Macro/Load Project*. Select the file **FenceMacros.dvb** Be sure to enable macros if you get a message from AutoCAD
* If you are using a newer version of AutoCAD that does not have the Microsoft Visual Basic application installed, go to the Install VB Application section at the end of this document.

Running the Macro:

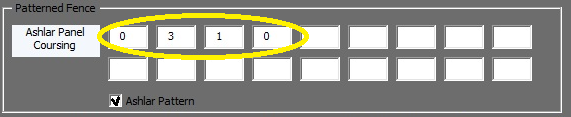
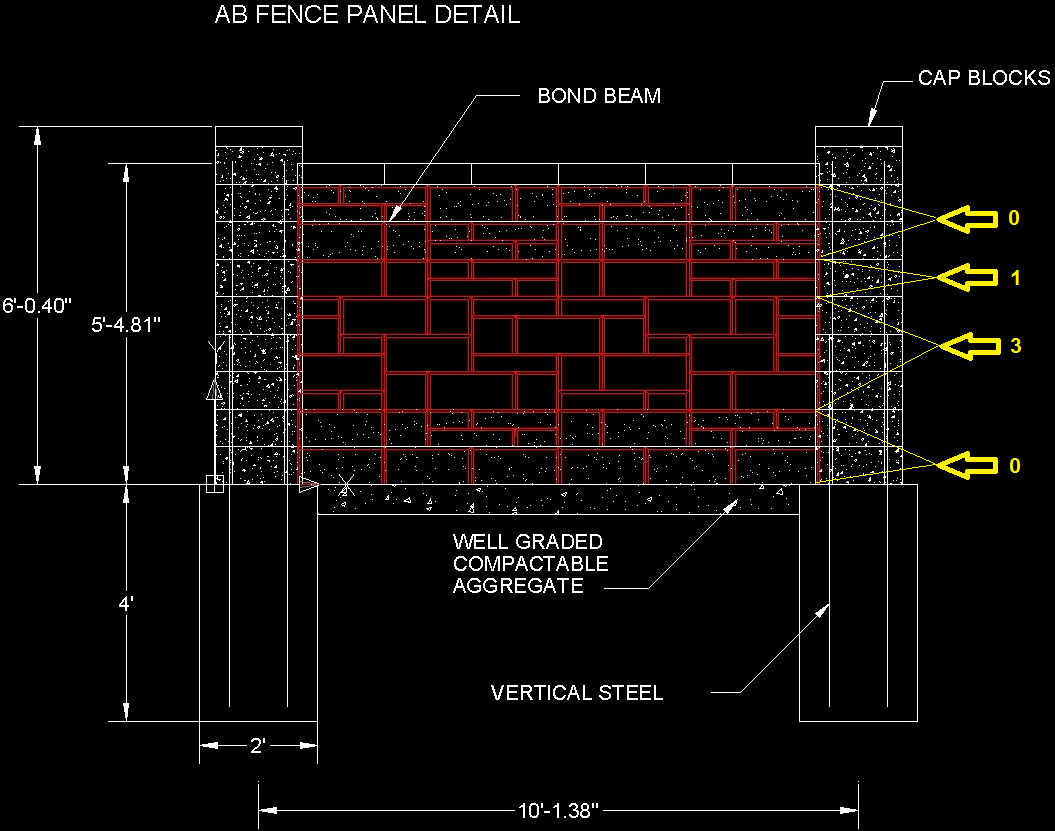
* On the menu bar go to *Tools/Macro/Macros*, and select **FenceMacro.dvb** and click on Run**.**
* The fence macro will have a pop up window where you can input the desired parameters for your fence project.

Common Bond Fences:

* Currently all fence block molds are a standard size so no modification of the block parameters is required.
* In the *Fence Panel Info* region
  + Enter the **post spacing** in full or half unit panel block lengths.
  + Enter the **panel height** in courses (1 course = 1 full panel block height)
  + Enter the **post height** in courses (1 course = 1 full post block height)
  + Enter the **pile diameter** in feet.
  + Enter the **pile depth** in feet.
* In the *Panel View* region
  + Enter the number of panels you would like to draw and then click the **Draw Profile** button.
* In the *Bond Beam* Info region
  + Enter the **number of bond beams per panel**.
  + Enter the **location of the bond beams** in courses (1 course = 1 full panel block height). The course location entered should be the center of the bond beam. If your horizontal steel is above block courses one and six, enter 1 and 6 in the first two boxes. All bond beams are 2 courses tall.
  + Click on the **Dimension Fence Width** and **Dimension Fence Height** checkboxes if you would like dimensions on your fence.
  + The **Draw Fence Panel** button will draw a single panel view of your fence and include hatching for the bond beams.
  + The **Draw Panel Section** will draw a single cross section view of your panel and base leveling pad.
  + The **Draw Post Section** will draw a single cross section view of your post blocks and the pile footing.

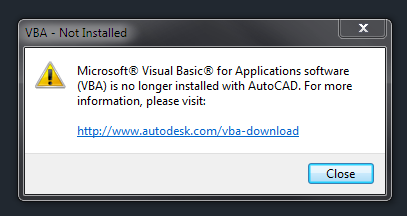
Ashlar Pattern Fences:

* In the *Patterned Fence* region
  + Enter the **panel coursing** in the boxes. The top left box represents the bottom pattern in the panel. The next box to the right represents the next pattern up in the panel. Enter the patterns working from the top left box to the right. Taller panels may require the use of the bottom row. Continue your pattern working from left to right in the bottom row.
  + Enter bond beams as 0 and dry stack sections as the number of courses in the pattern height. A 4-course tall pattern is the maximum pattern available. If you have six dry-stacked courses you can enter it in a variety of ways: ( 4, 2 ), ( 2, 2, 2 ), ( 1, 4, 1 ), etc.

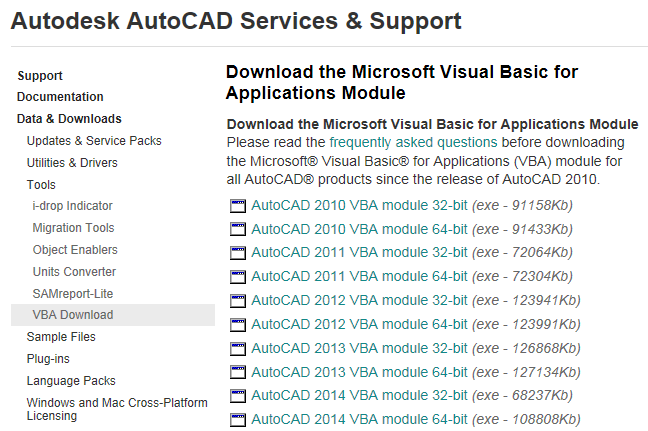


Install VB Application:

* If you do not know if the application is installed, on the menu bar go to *Tools/Macro/Macros*. If the following popupcomes up. Click the link to download the application.



* Once you click the link, you will be taken to the following Microsoft page:



* Choose the application that fits your AutoCAD configuration and follow the installation instructions. You may need to close the AutoCAD program to complete the installation.