

SketchUp EnFlo 3D Column Plotter

Manual v1.0

Contents

Contents.....	1
Attachments.....	1
Installation	2
Standard One-Time Install Procedure.....	2
SketchUp Plugin Usage	3
Method 1	3
Method 2	3
Input File Support	5

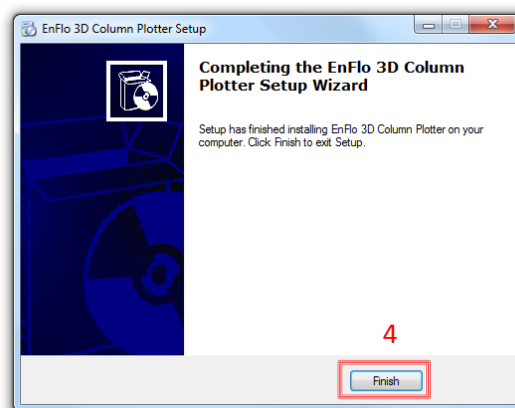
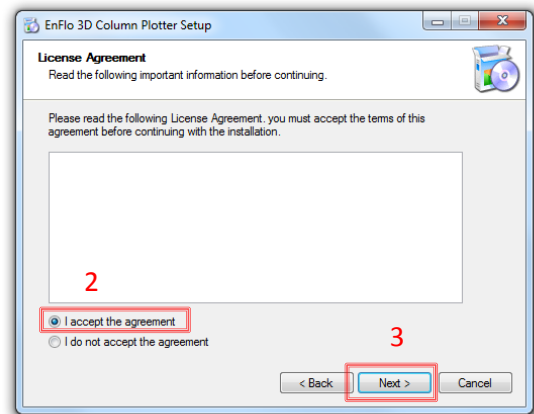
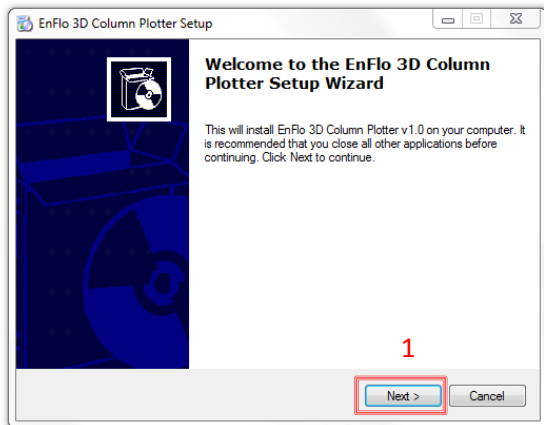
Attachments

Filename	Description
EnFlo 3D Column Plotter v*.exe	Installer File
EnFlo 3D Column Plotter.pdf	This manual
Template	A template importing file

Installation

Standard One-Time Install Procedure

- Run the Installer : EnFlo 3D Column Plotter Setup v*.exe

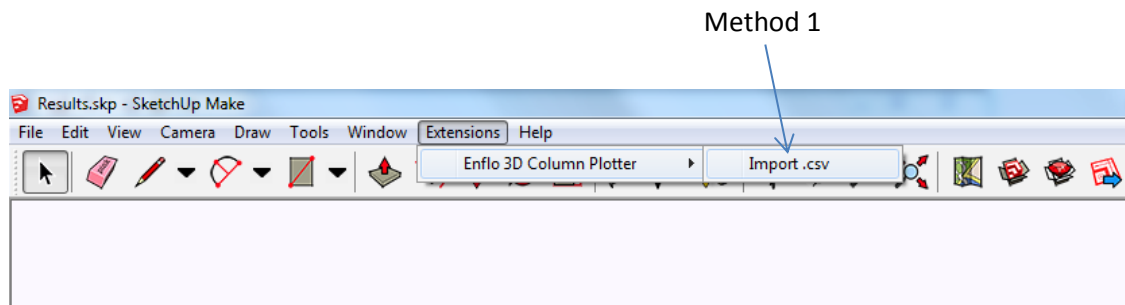


SketchUp Plugin Usage

Method 1

- Method 1 simply requires the user to navigate through the menu bar in the following order: “Extensions” – “Enflo 3D Column Plotter” – “Import .csv”
- Selecting this option will bring up a pop up.

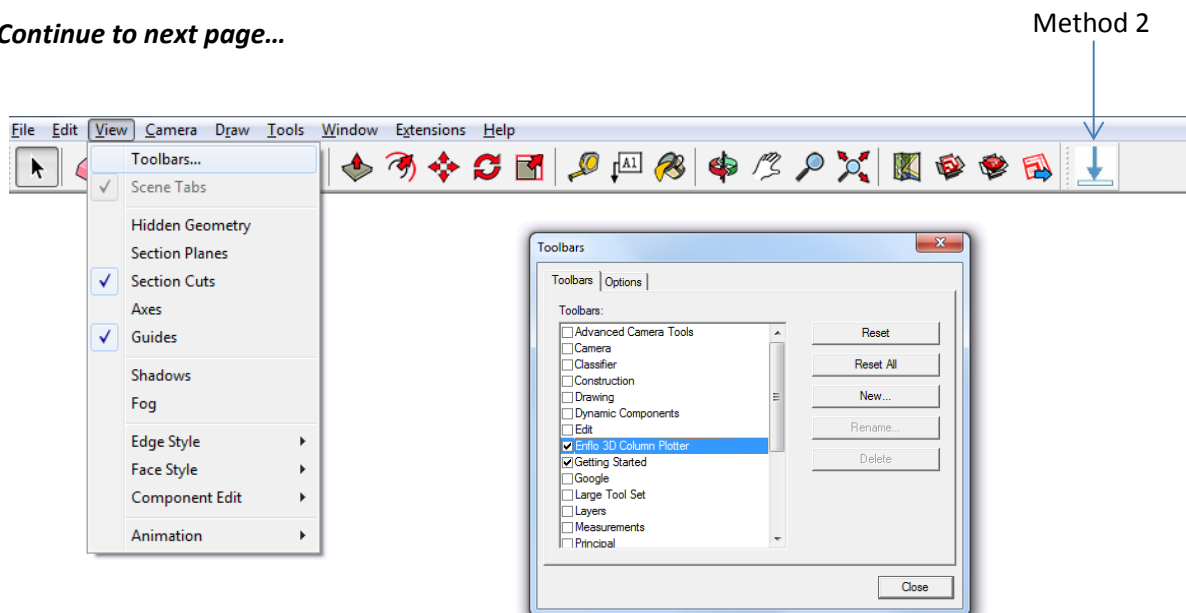
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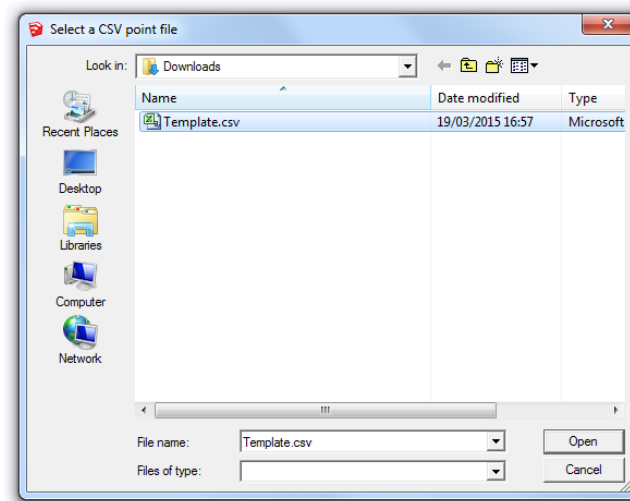
Method 2

- Method 2 requires the user to enable the Importing toolbar on first time use.
- Navigate to “View” – “Toolbars” – Check “Enflo 3D Column Plotter”.
- A toolbar will pop up with a downwards facing arrow.
- Selecting this option will bring up a pop up.

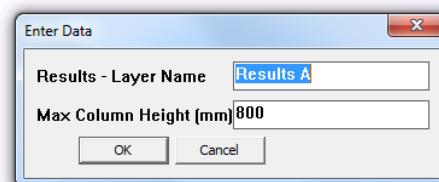
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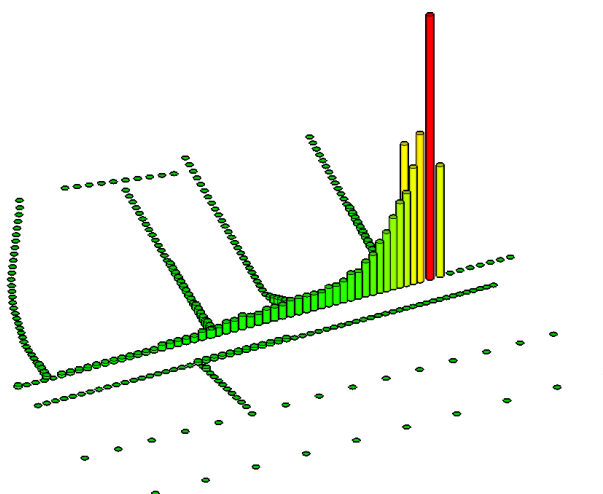
- Locate and open the file with the desired data.



- Another pop up will request the user to enter a name for the imported data which will allow for multiple datasets to be contained within one model without overlapping data.
- The Max Column Height establishes the height of the column associated with the highest %.



- Upon completion, a plot similar to the one shown below will be created.



Input File Support

	A	B	C	D	E
1	UID	X	Y	Z	%
2	1	0	0	0	0%
3	2	50	-75	0	100%
4	3	100	-125	0	20%
5	4	200	-175	0	33%

← Header row

FIGURE 1: TOP SEGMENT OF TEMPLATE FILE

Image above shows a sample dataset where the columns have the following criteria:

UID: Simple numerical identifier

X, Y, Z: Cartesian co-ordinates in mm

%: Percentage ranging from 0% to 100%

Note:

- Values in % column must include the % sign and must not be simple decimals.
- The input file must have a header row and five columns at the very least.
- Data to the right of Column E will not affect the plotter.
- Data must be stored in a .csv format.
- No one co-ordinate should be duplicated in any single dataset.