

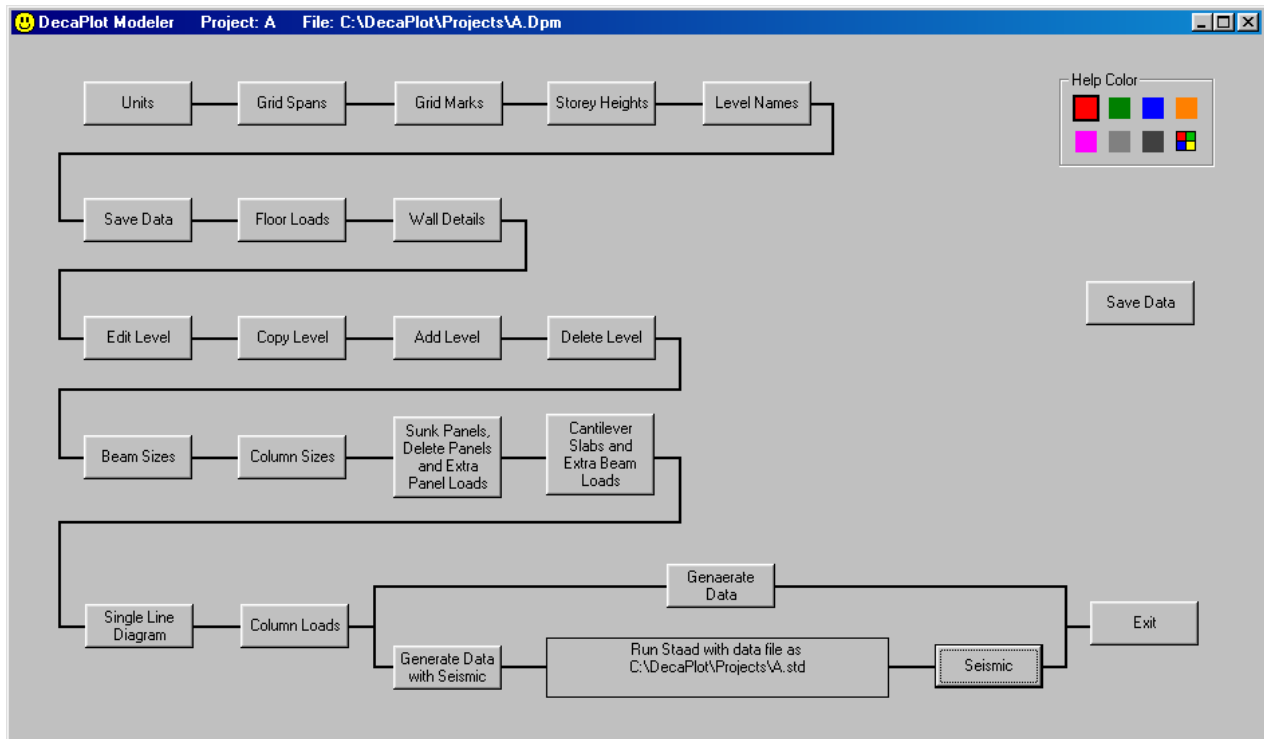
DecaPlot

Quick Start Guide

1. Installation
 - a. Insert the CD in CD drive. The installation starts automatically.
 - b. If autostart feature fails to start installation automatically, then run x:\startup\setup where x is the CD drive letter.
 - c. Three icons – DecaPlot Control Panel, Seismic & DecaPlot Drawing will appear on the desktop automatically.
 - d. If the three icons do not appear automatically on the desktop, go to start – Programs – DecaPlot & send icons to desktop by right clicking on Decaplot Control Panel, Seismic & DecaPlot Drawing, one by one.
2. Starting DecaPlot Control Panel:
 - a. Double Click on DecaPlot Control Panel. The following window will appear.



3. To prepare Staad data file by DecaPlot Modeler, Click on Select Modeler Project & type the name of Project. Blank spaces are not permitted in the project name/ filename.
 - a. Skip to point 4 if the user has already prepared the Staad data file.
 - b. See the flow chart given below for quick reference to further steps of DecaPlot Modeler.



4. If the user has already prepared the Staad data file then copy the Staad data file to C:\DecaPlot\Projects & follow the the step given below.
 - a. Add the following lines to Staad data file after **PERFORM ANALYSIS OR PDELTA ANALYSIS** line

UNIT MET MTON
LOAD LIST n1 TO n2
PRINT SUPPORT REACTION

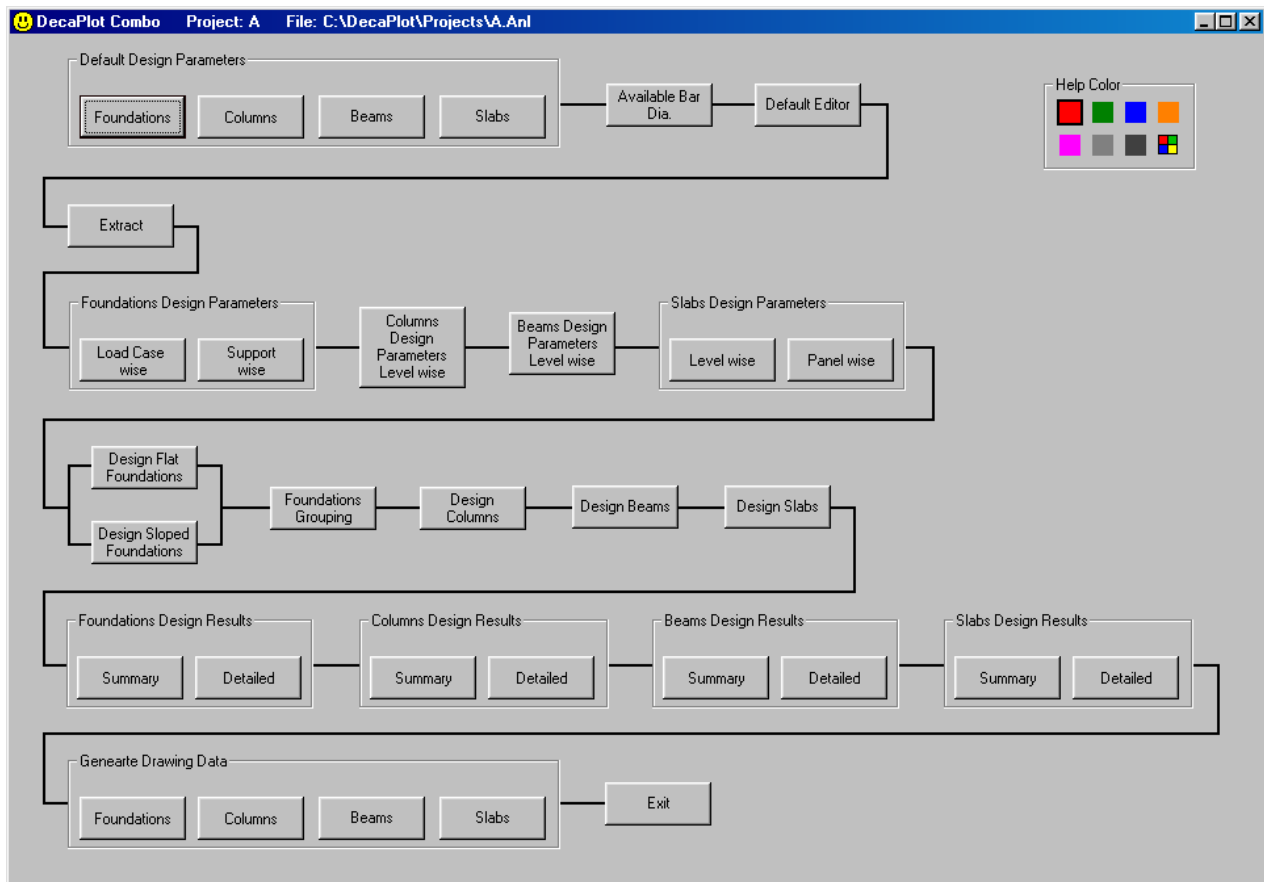
(n1 to n2 are the unfactored load combinations for isolated foundation design by DecaPlot. If foundation design by DecaPlot is not required, these two lines need not be given).

LOAD LIST n3 TO n4
PRINT MEMBER FORCES
SECTION 0.5 ALL
PRINT SECTION FORCES

(n3 to n4 are the factored load combinations for beam & column design by DecaPlot. If beam & column design by DecaPlot is not required, these four lines need not be given).

- b. If the user opts for beam & column design by Staad, DecaPlot will automatically pickup beam & column area of steel. Bar detailing will be done by Decaplot.
5. Run Staad.

6. Click on Select Design & Drawing Project & select the Project. Blank spaces are not permitted in the project name/ filename.
7. Click Combo & See the flow chart given below for quick reference to further steps. Proceed upto Generate Drawing Data.



8. If the Staad data file is not by DecaPlot Modeler, Please ensure the correctness of slab loads in DecaPlot Design & Drawing Projects – Combo.
9. Click on Make & Show Foundation Drawing or Make & Show Column Drawing or Make & Show Beam Drawing or Make & Show Slab Drawing for preparing the drawings.
10. If the drawings are not shown automatically after preparation, click Combo – Default parameters – Set Paths & repeat point 9 above. The DecaPlot Drawing icon may also be used for preparing drawing.
11. The current project must be exported before another existing project is imported or a new project is started.
12. **For backup purpose, the following folders must be saved:**
 - a. **C:\DecaPlot\Projects**
 - b. **X:\DecaPlot-Projects-IE** where X is the drive letter for every hard disk/ logical drive where the user has exported the projects.