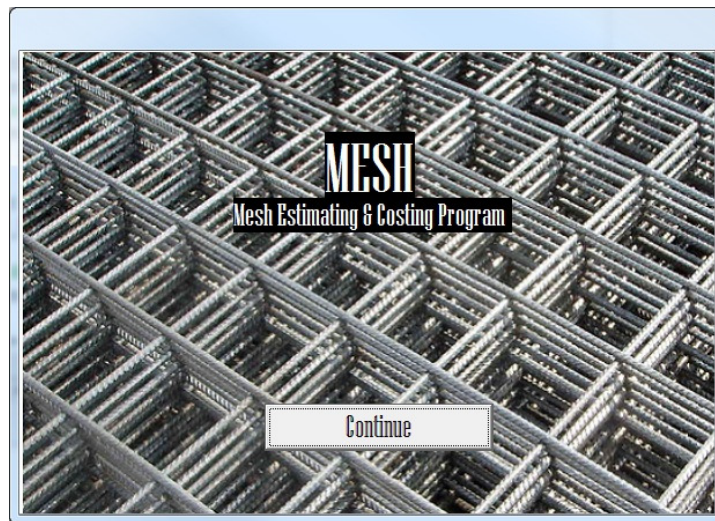


Exact Mesh – A Steel Mesh Estimating, Scheduling and Costing Program

Overview of Bottom Mesh Placement



Import a Drawing

Import an AutoCAD Drawing as a DXF or DWG

OR

A scanned image from a PDF, JPG or BMP

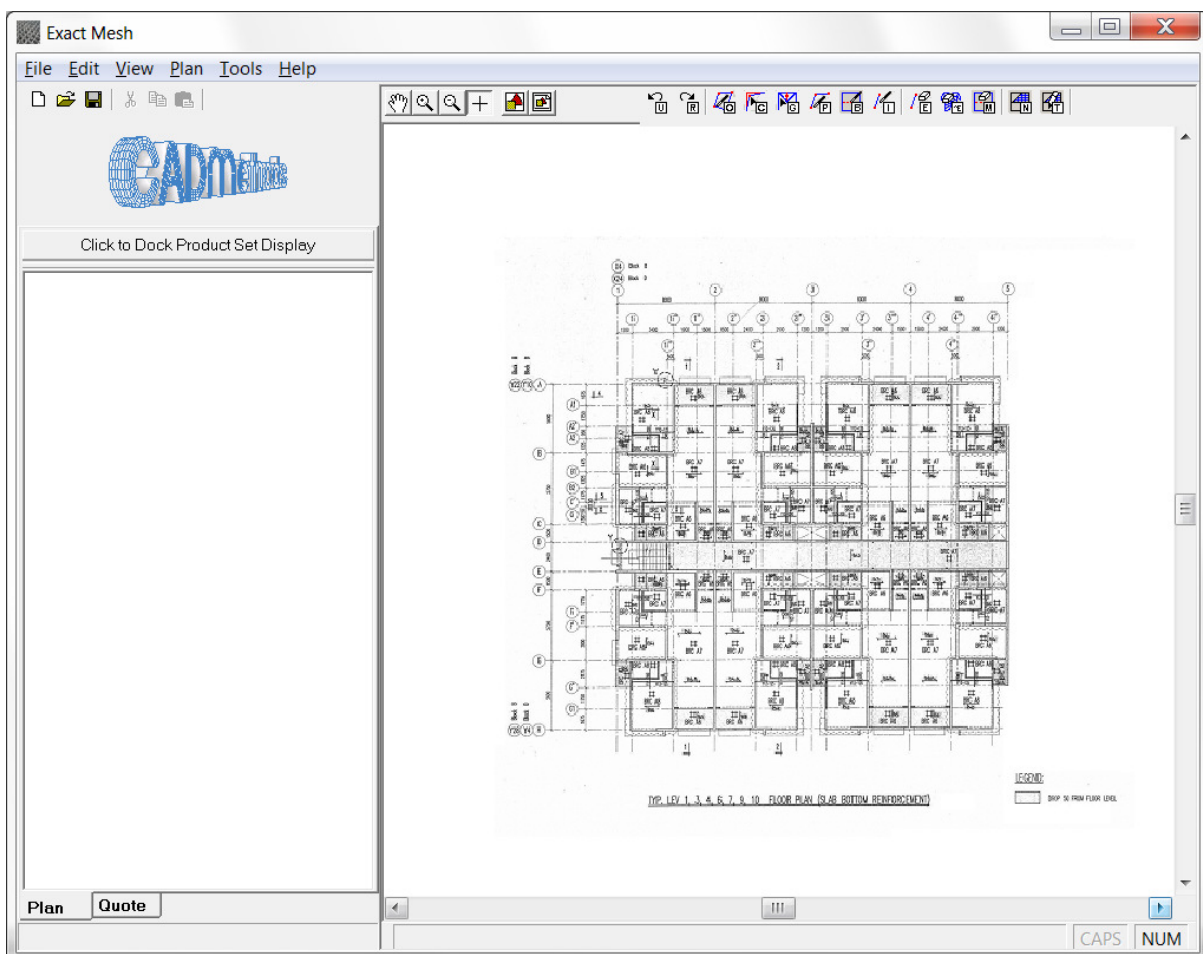


Figure 2 Imported Scanned Image Example

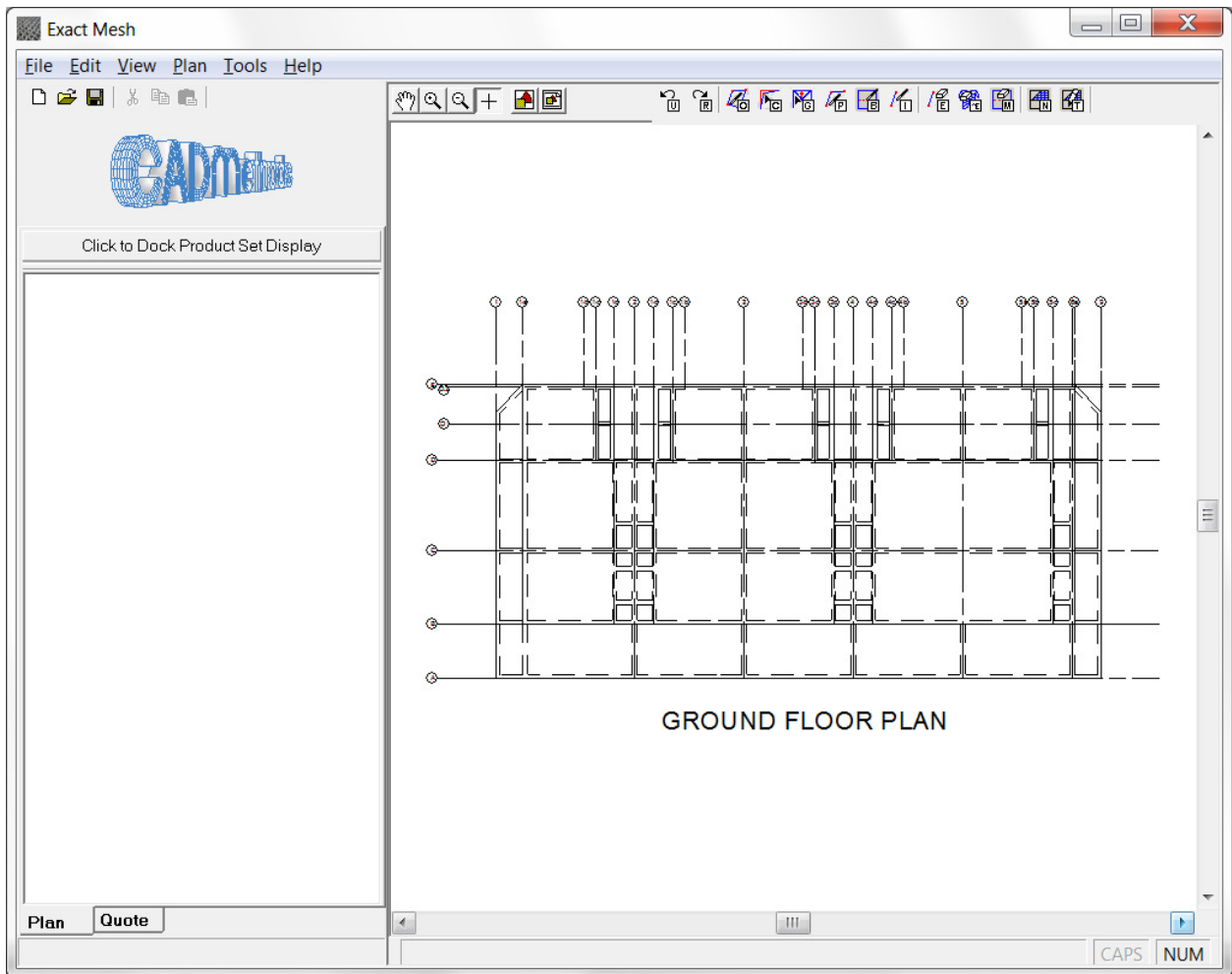


Figure 3 Imported AutoCAD Drawing

The remainder of this Overview will be based on the imported AutoCAD drawing in Figure 3.

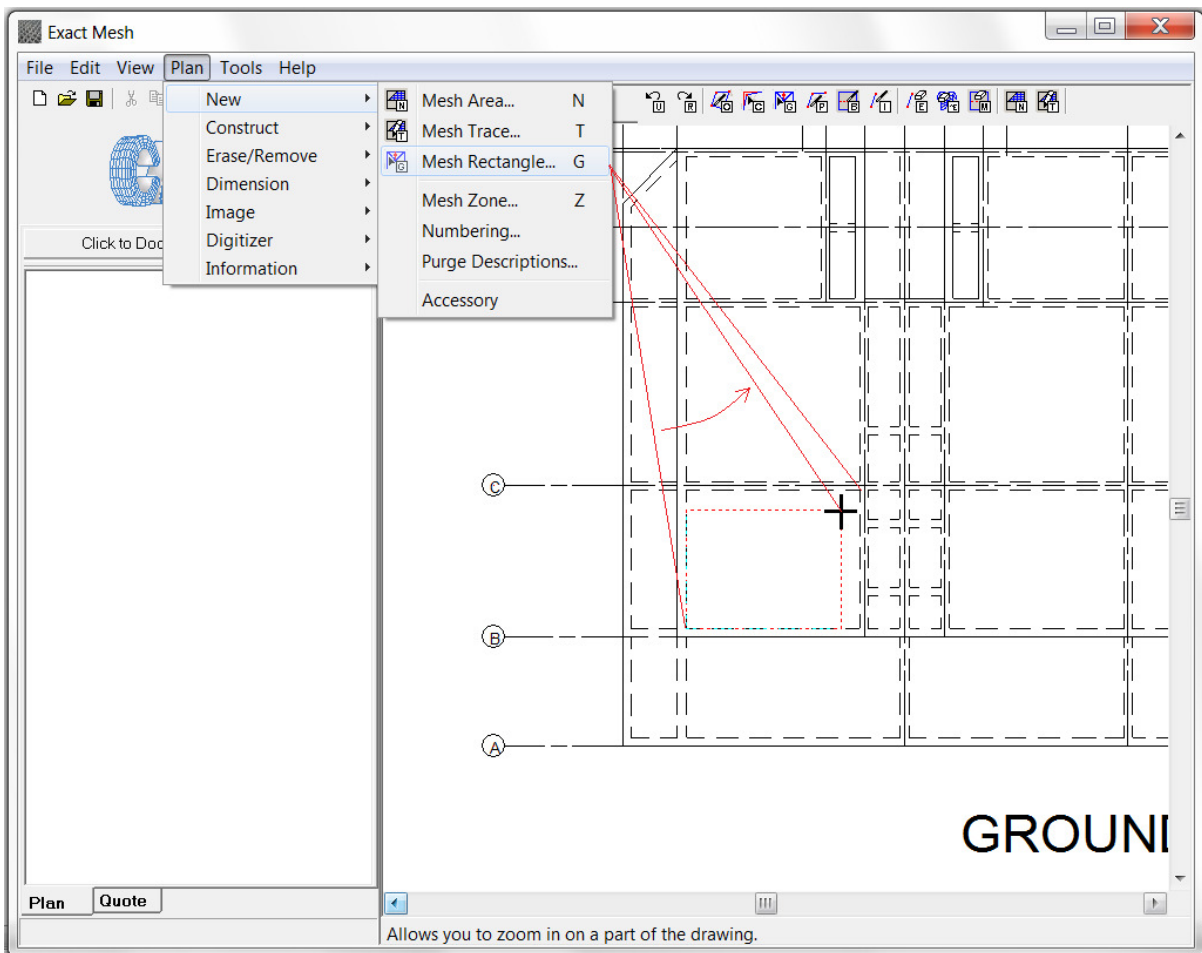


Figure 4 Define Mesh Area on Imported AutoCAD Drawing Shown in Figure 3 above

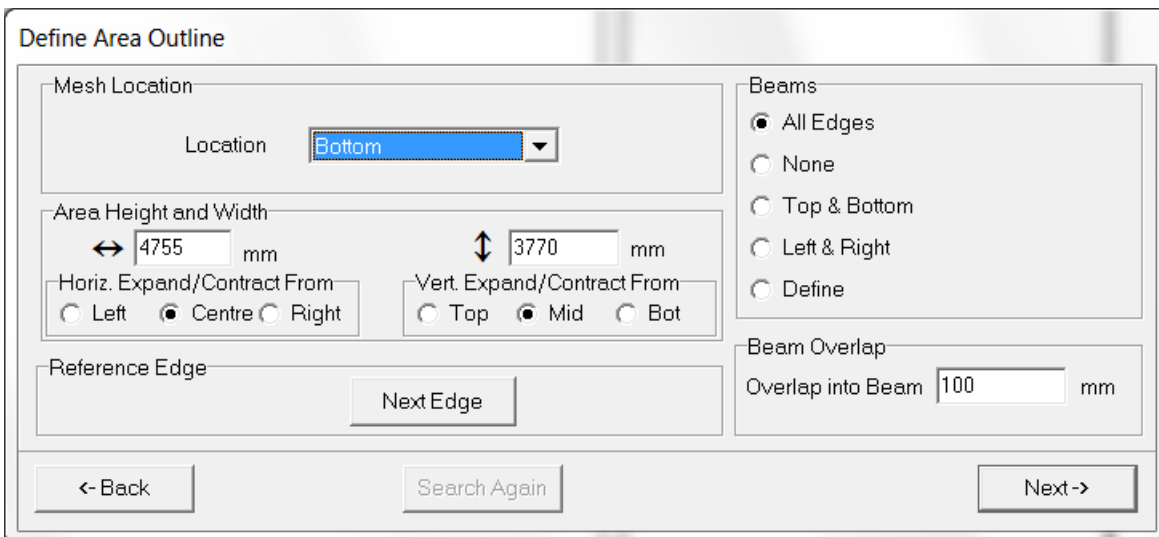


Figure 5 Adjust the size of the Defined Area (if required – mainly for scanned images) and Specify Location and Beam Overlap

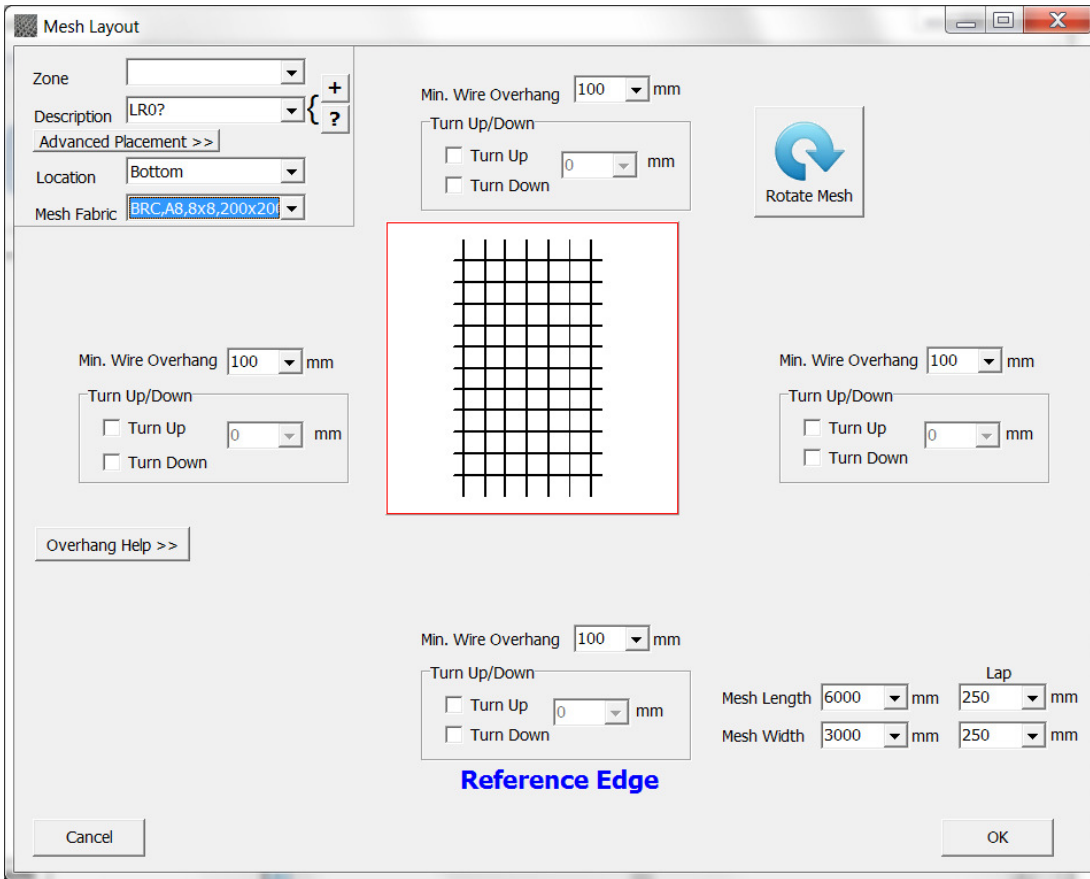


Figure 6 Define Mesh Size, Description, Rotation, Turn Up/Down, Lap and Wire Overhang

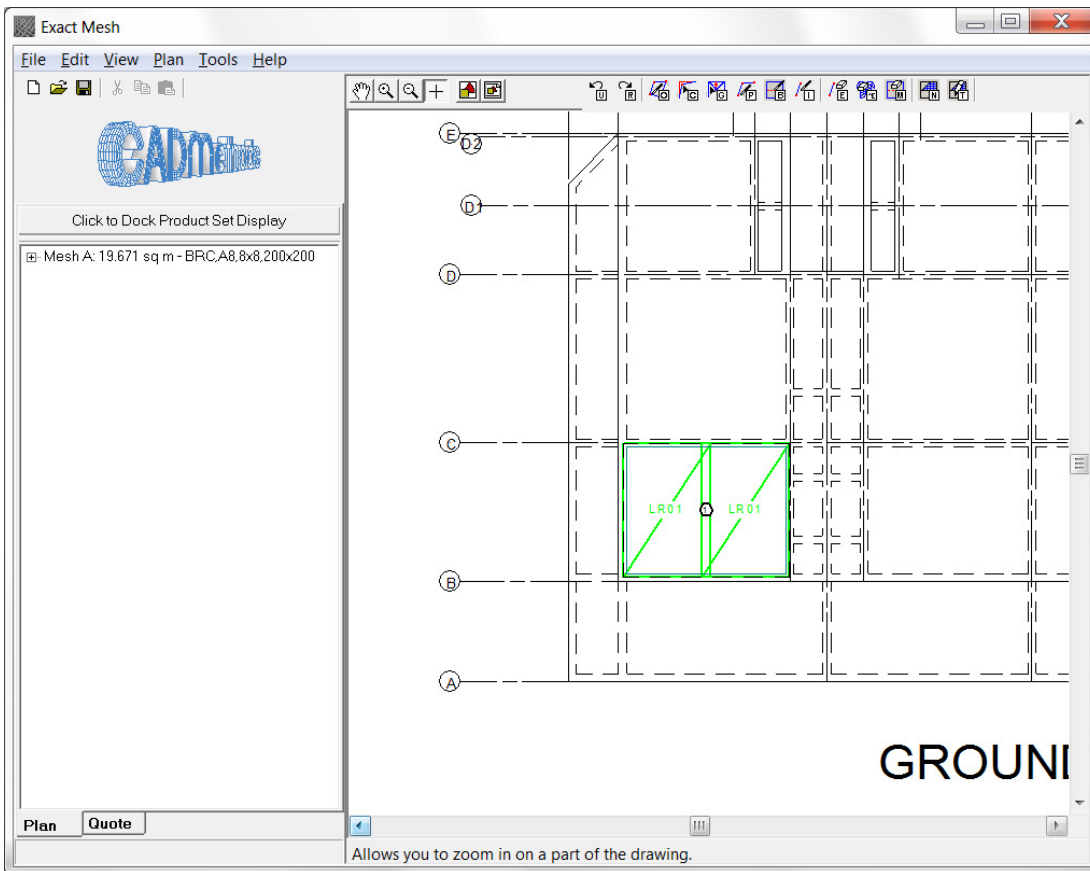


Figure 7 Program Draws and Labels Mesh LR01

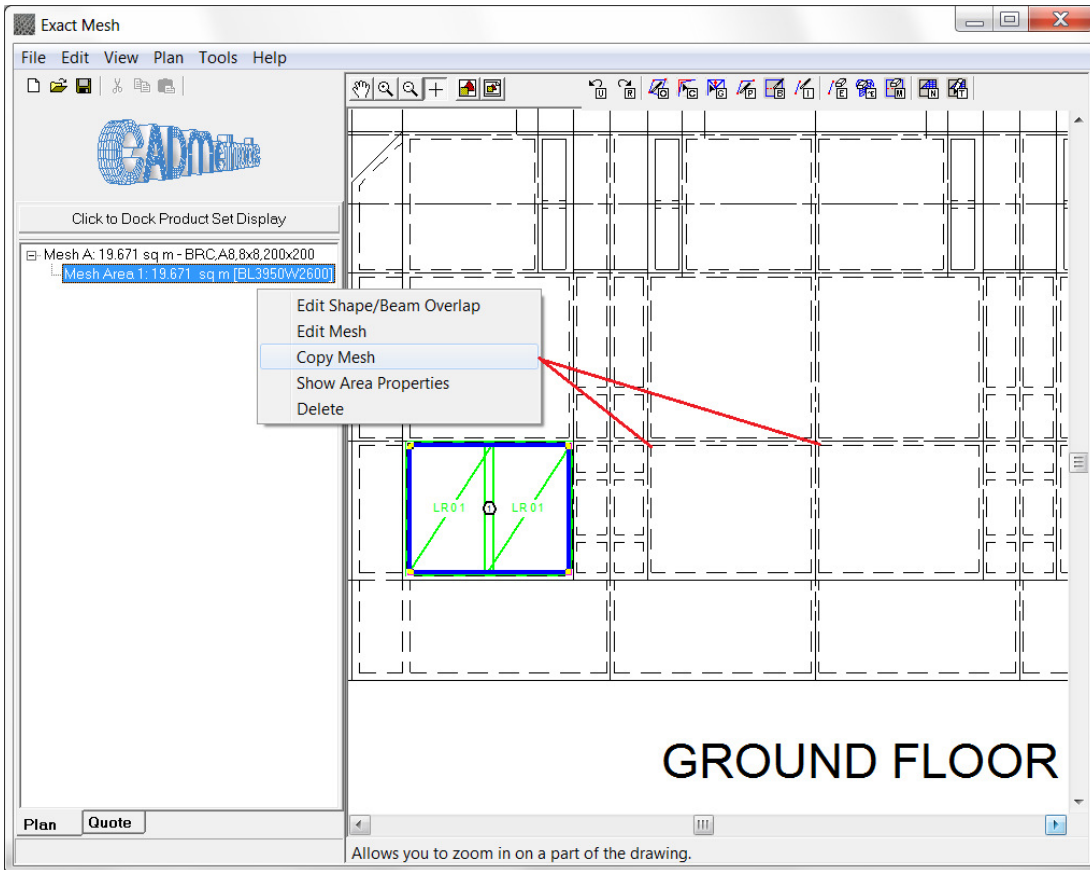


Figure 8 Copy Mesh to the two adjacent Bays of the Same Size

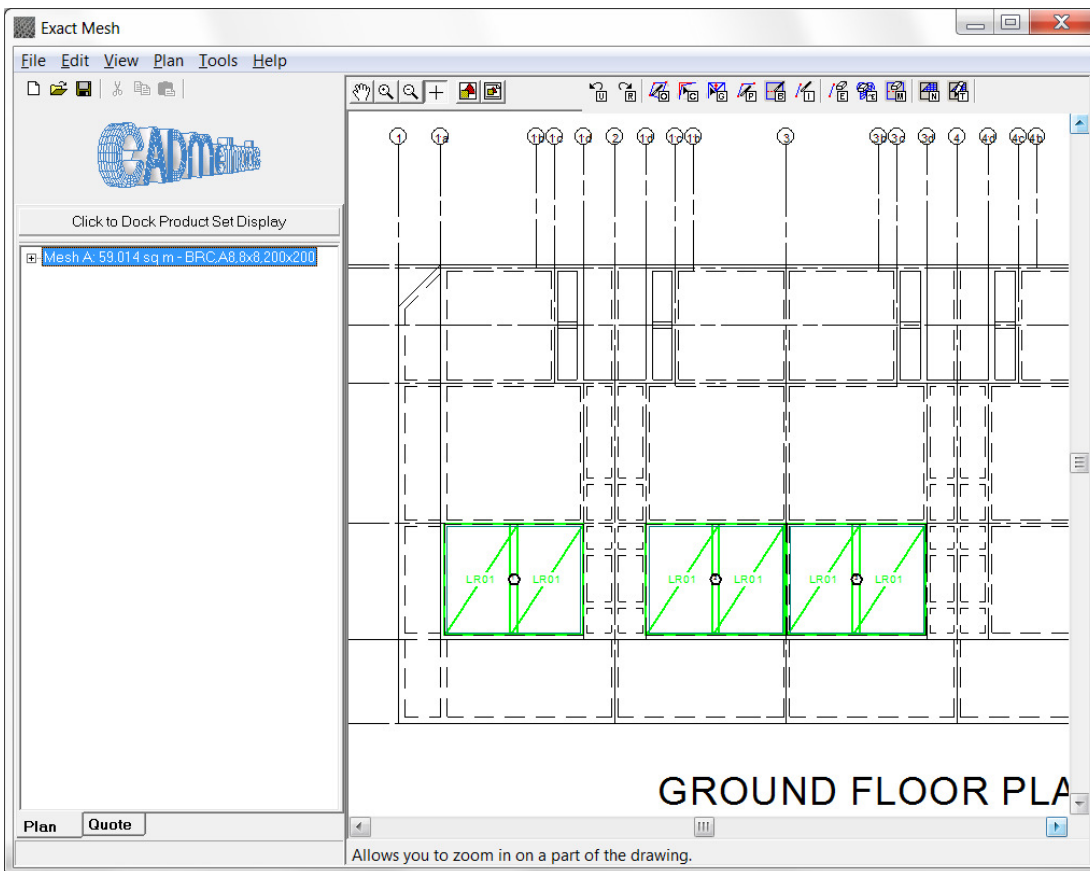


Figure 9 Program Draws and Labels Copied Mesh

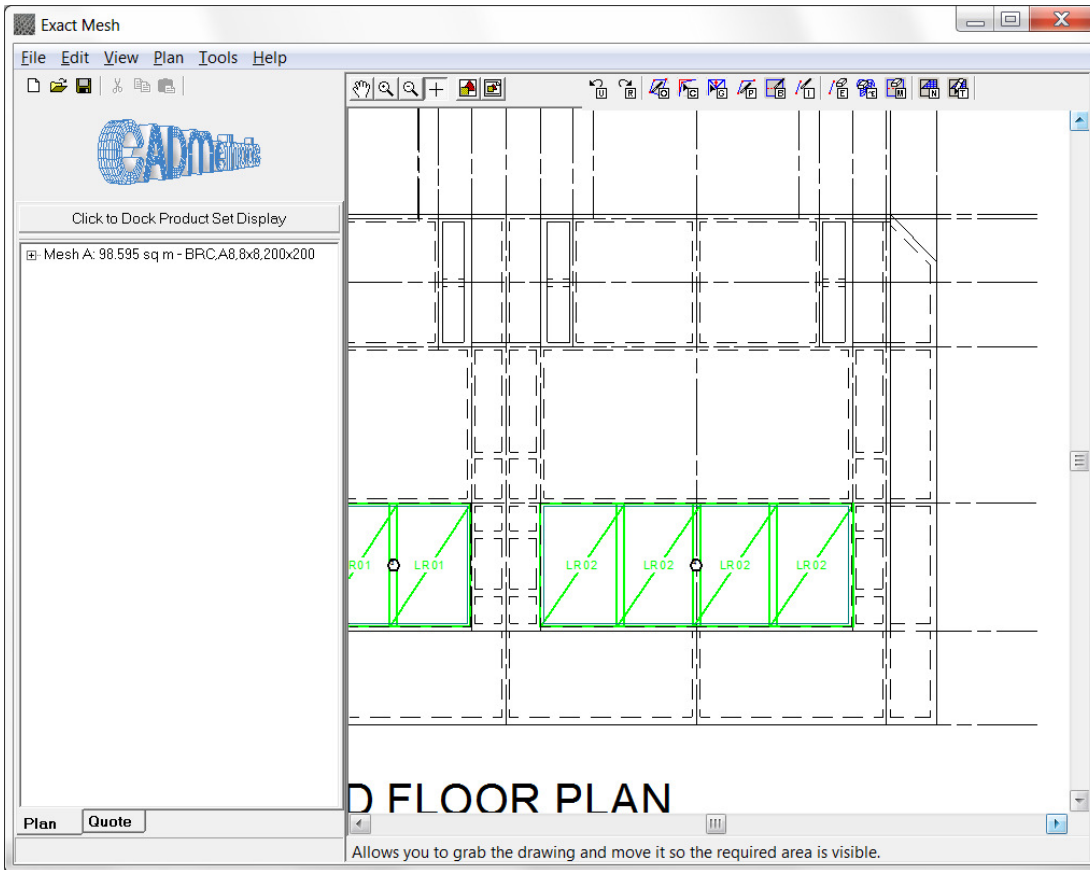


Figure 10 Define another Area - the program Draws and Labels Mesh LR02

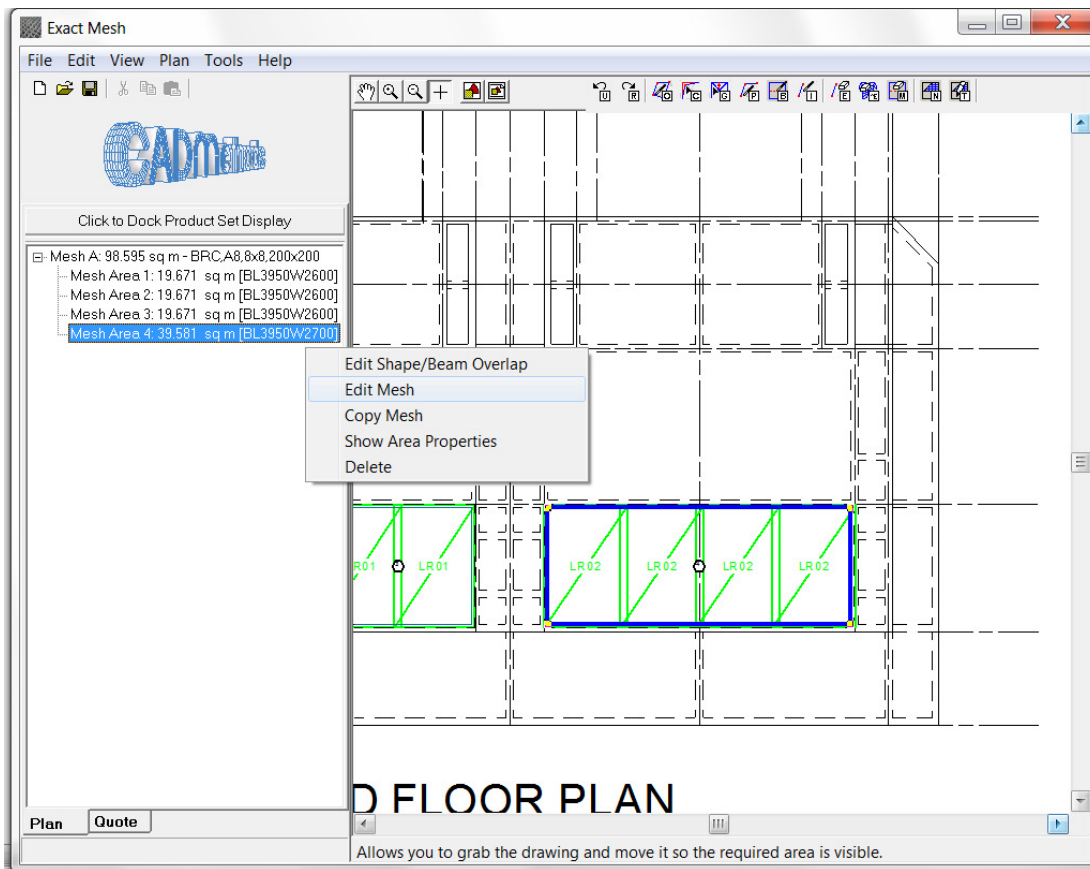


Figure 11 Edit Mesh Down in Figure 10

For consistency rather than have four mesh of the same size (LR02) as in Figure 10 and 11, the user elects to use LR01 as Start and End Mesh, and define a new Mesh for the internal mesh in this bay.

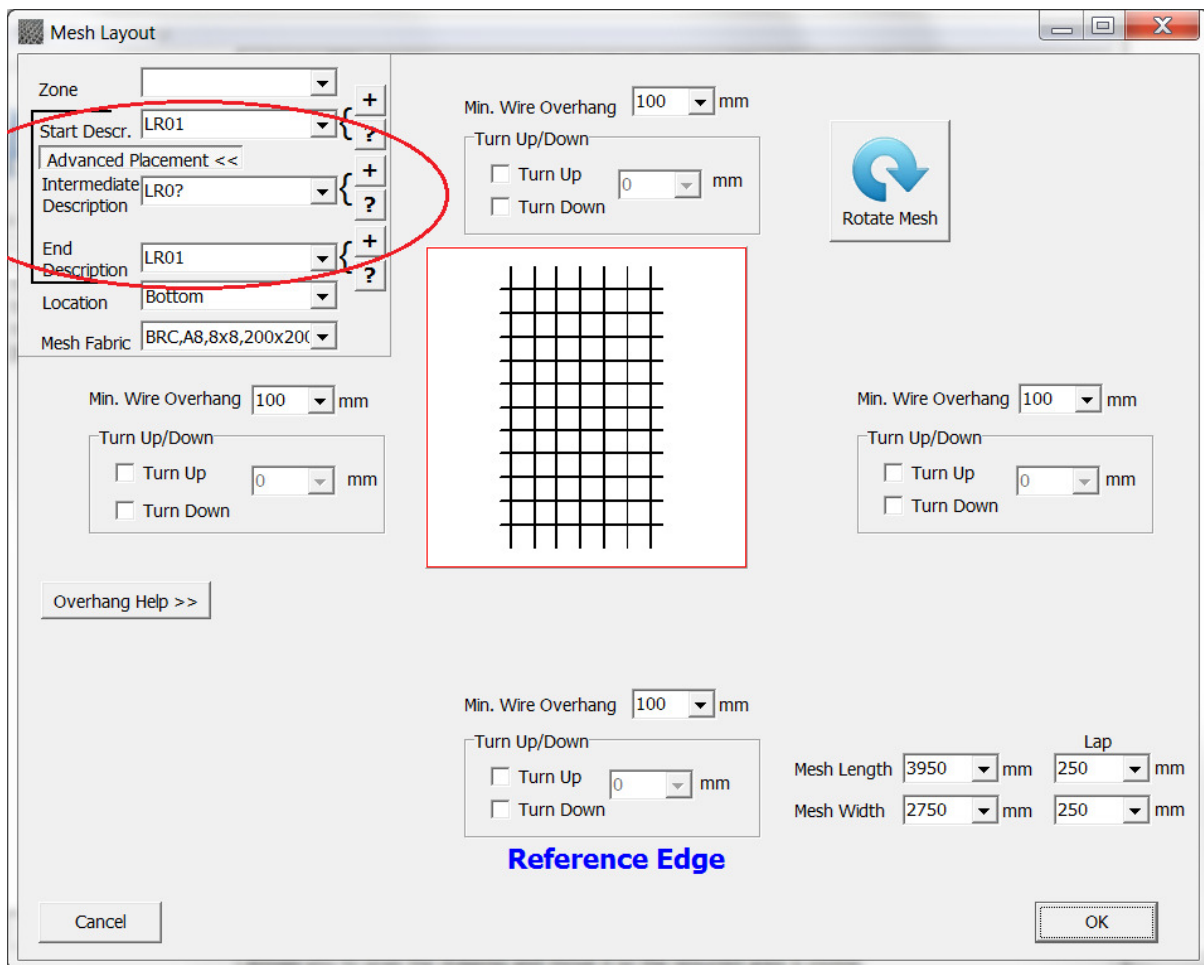


Figure 12 User Selects Start and End Description to be LR01 and Defines Intermediate Description as unknown LR0?

(Note that with the description LR0? the program will check if any existing mesh sizes match, in which case the program will use the existing size, or if no match found the next sequential number will be used)

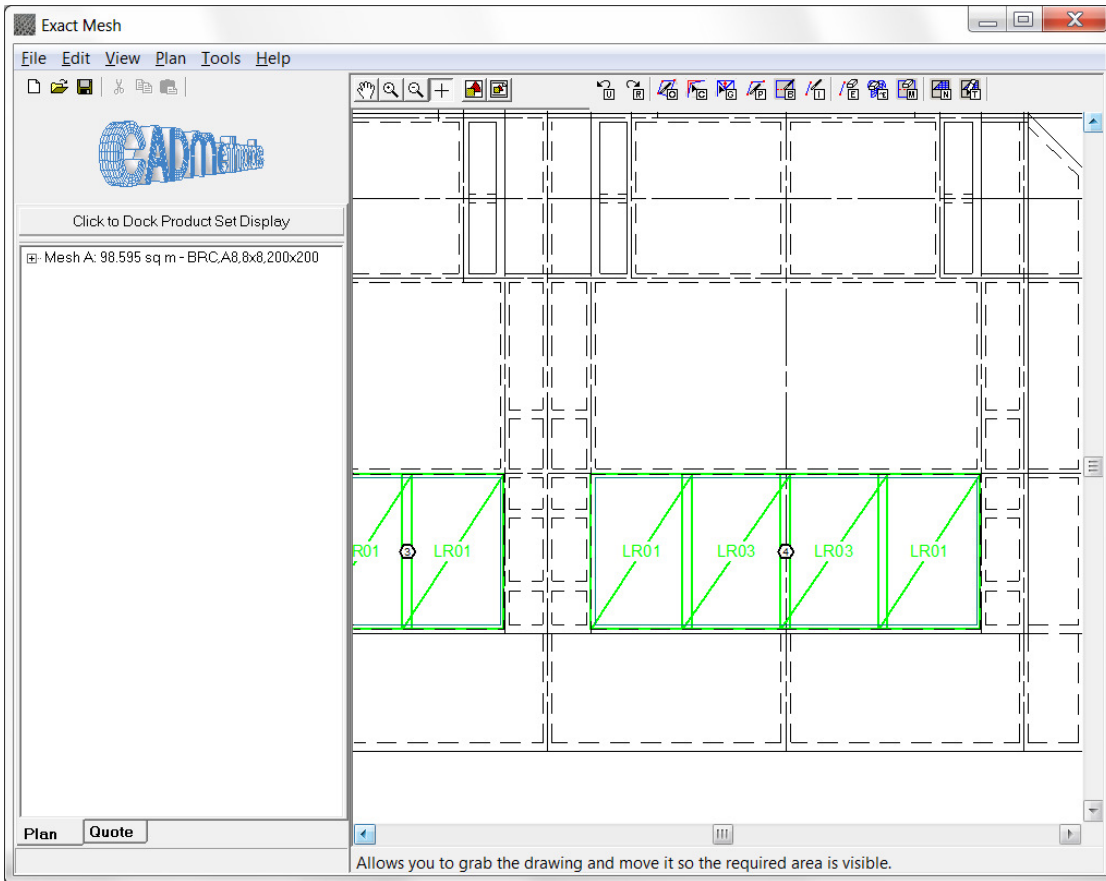


Figure 13 The program Draws LR01 and the two Intermediate Mesh are defined as LR03

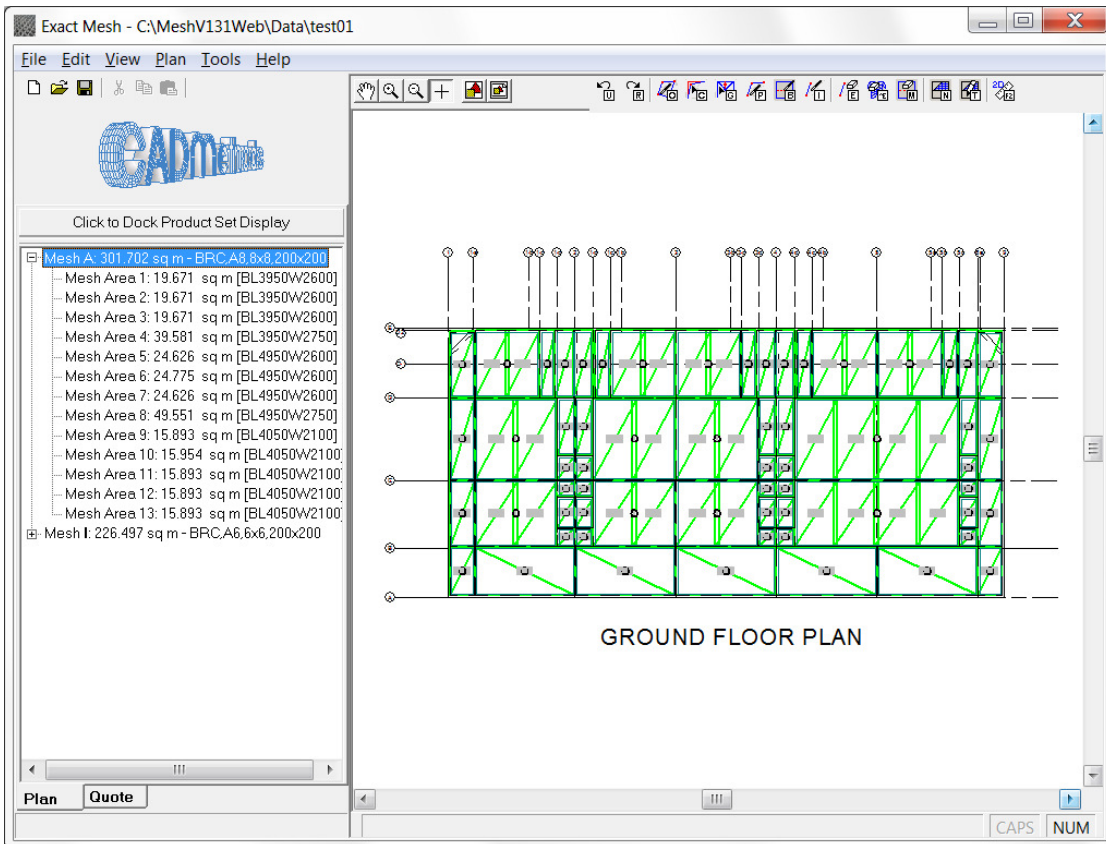


Figure 14 Mesh the remaining areas

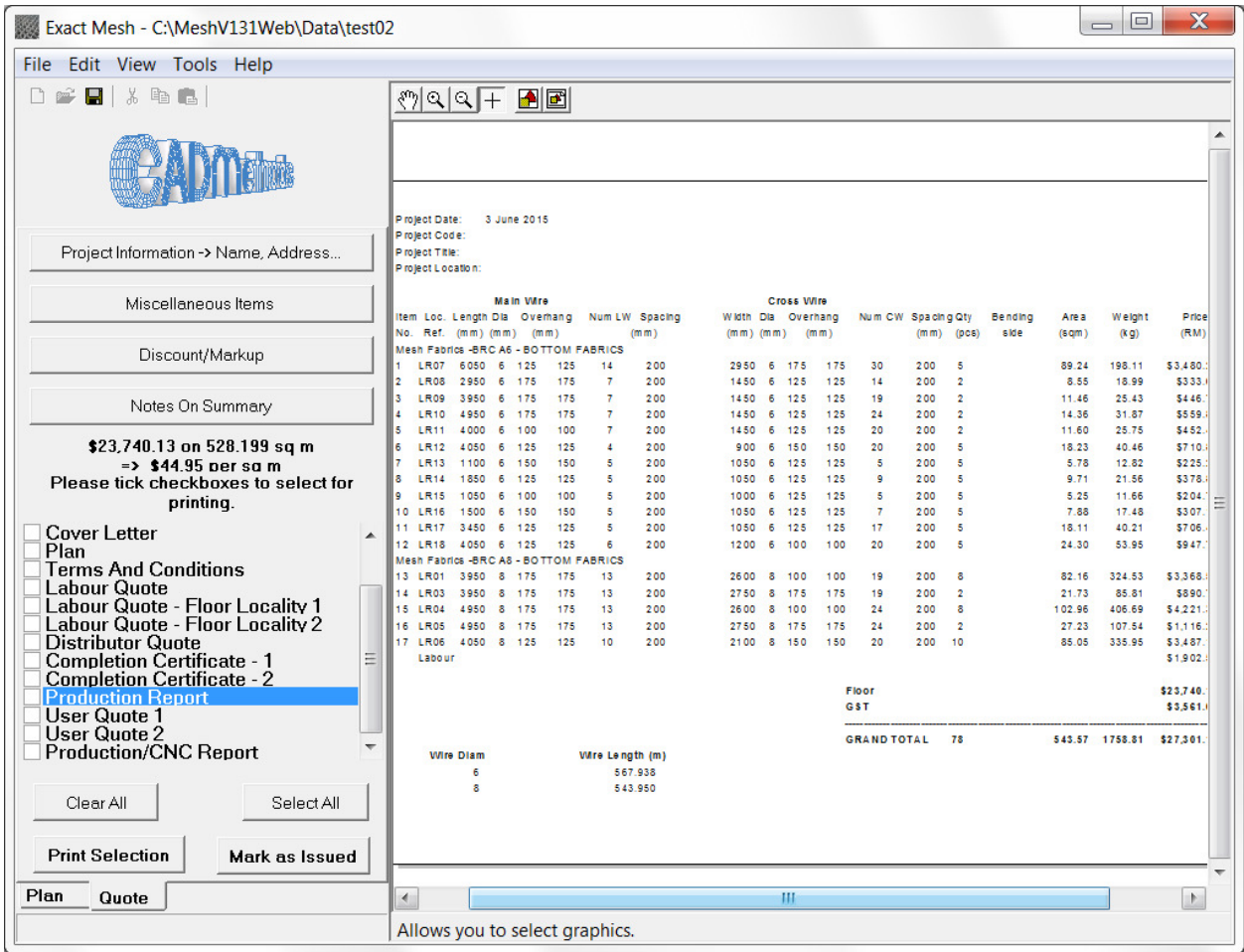


Figure 15 Reports – Including Production, Costing and CNC Output

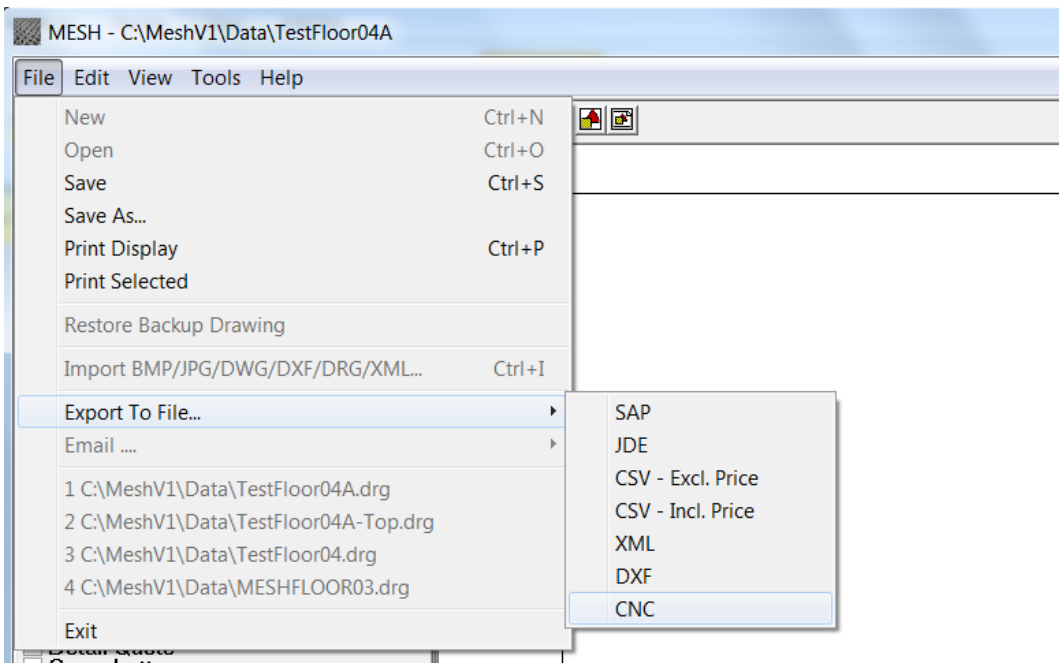


Figure 16 – Export to Enterprise Management Systems and CNC

---00000000---