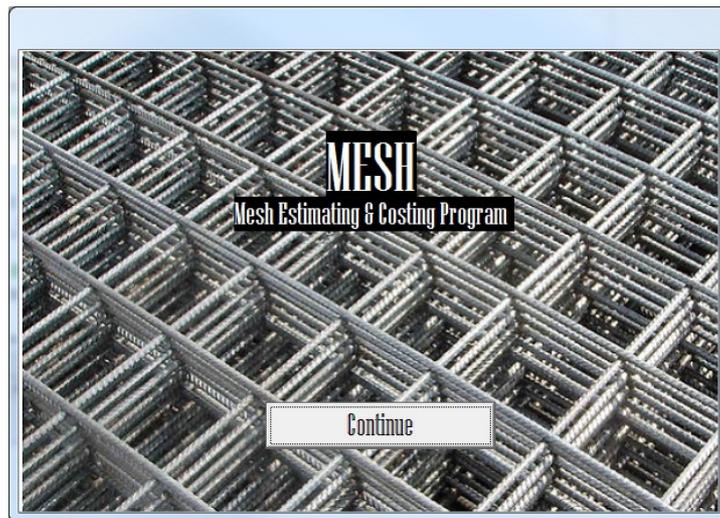


Exact Mesh – A Steel Mesh Estimating, Scheduling and Costing Program

Overview of Top Mesh Placement



Import a Drawing

- Import an AutoCAD Drawing as a DXF or DWG
- OR
- A scanned image from a PDF, JPG or BMP

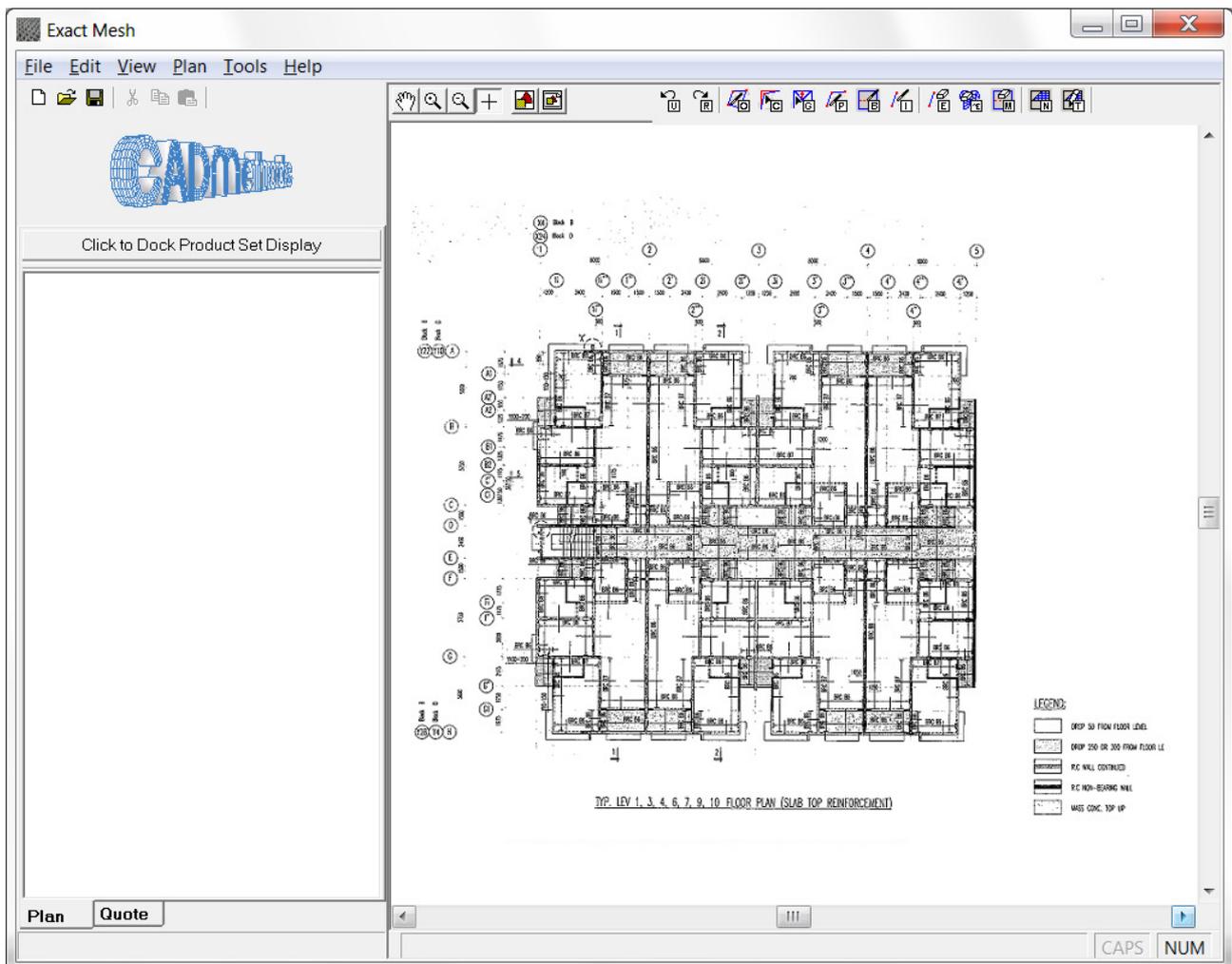


Figure 2 Imported Scanned Image Example

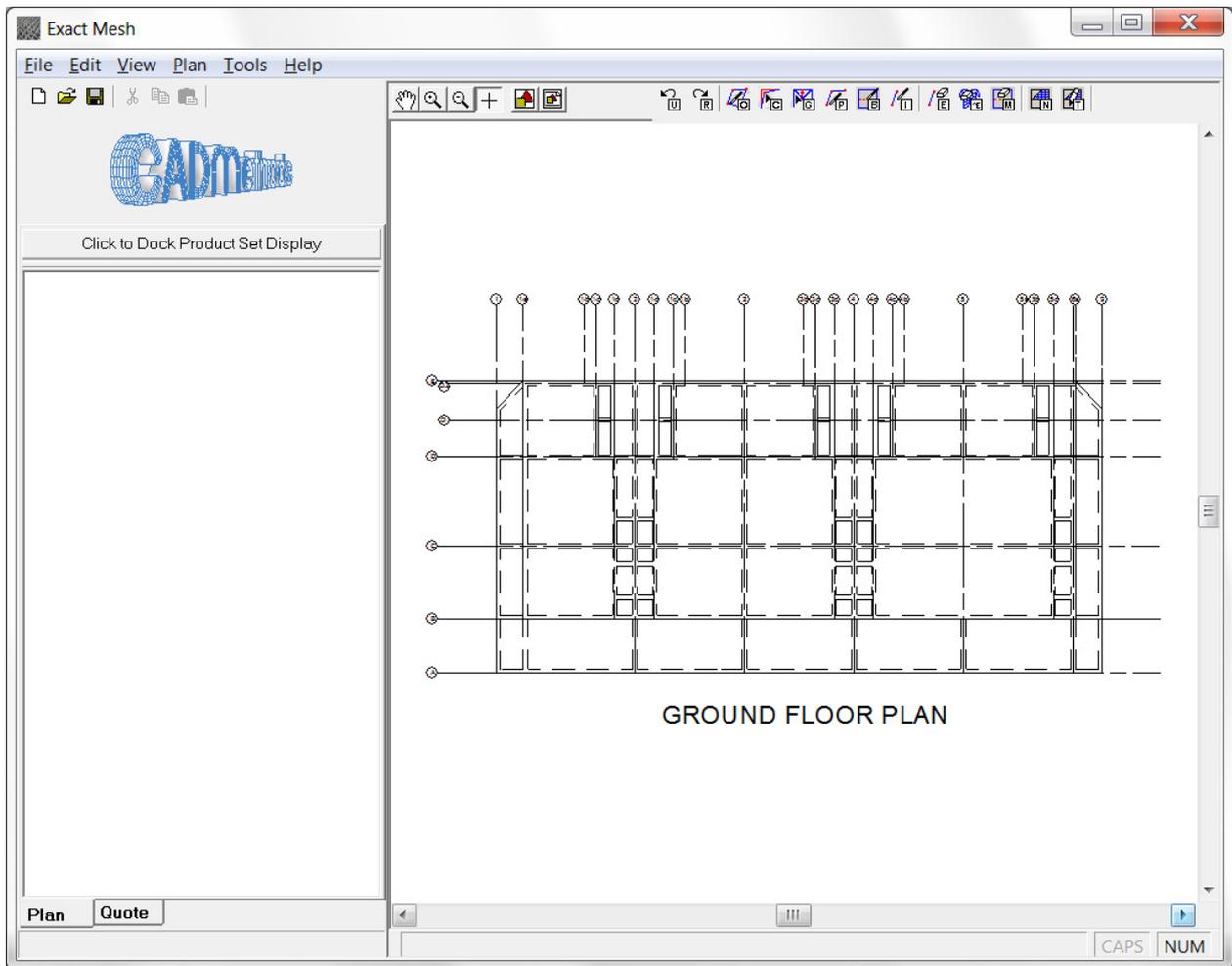


Figure 3 Imported AutoCAD Drawing

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

Top Mesh should cover $0.33L$ each side of the center beam (though this default can be changed). The area of top mesh is defined by the user clicking on the adjacent beams as in Figure 3 below.

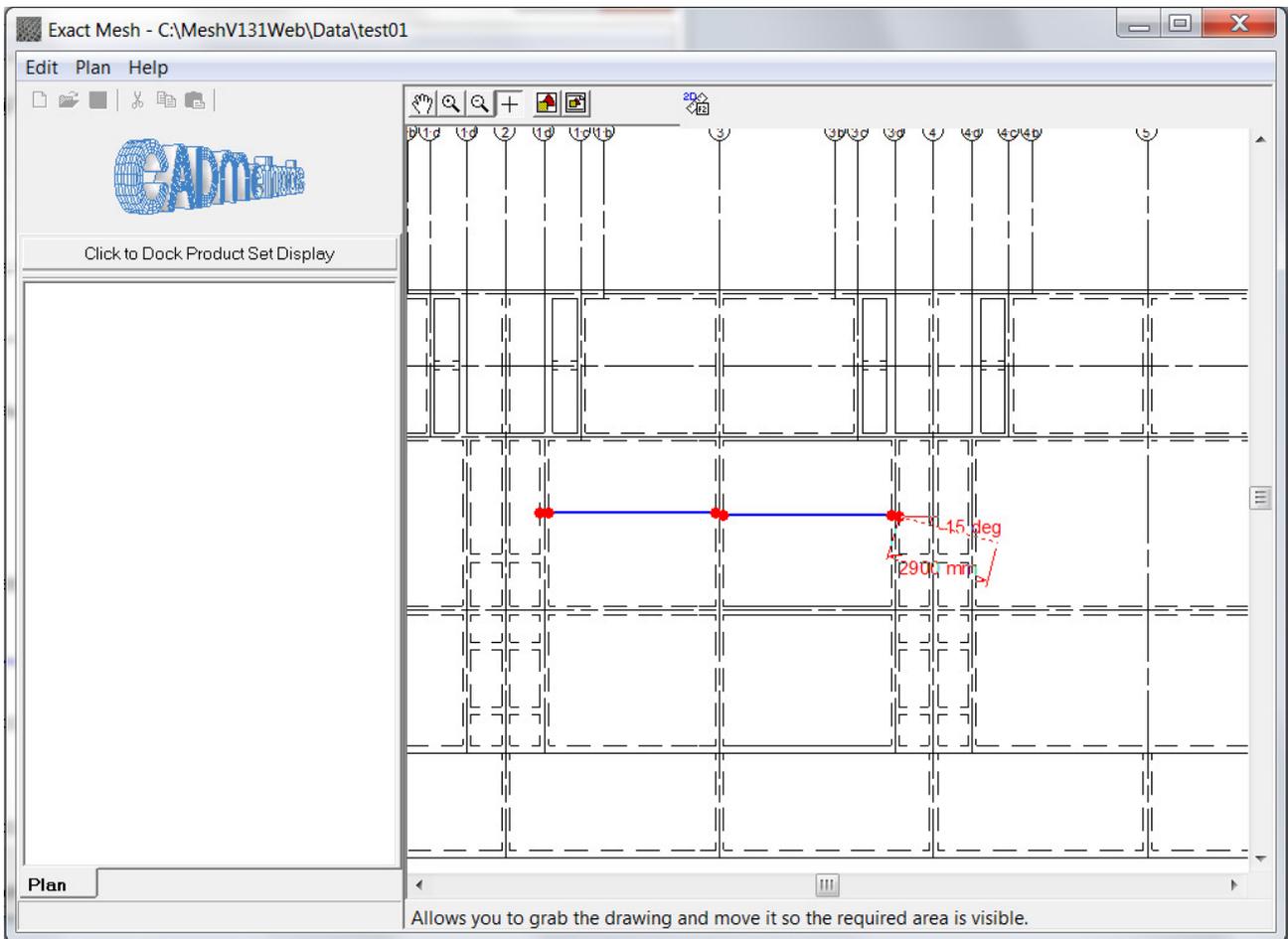


Figure 4 Define The adjacent Beams on Imported AutoCAD Drawing Shown in Figure 3 above

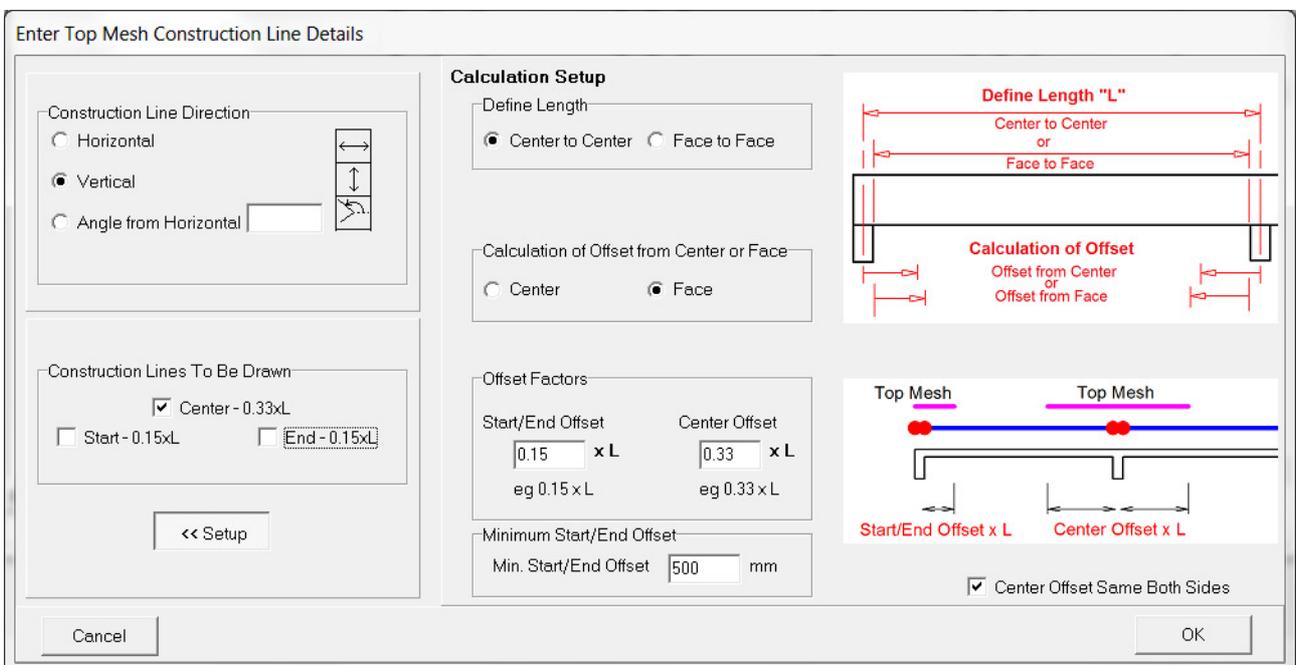


Figure 5 Amend (if required) the offset calculation which is by default 0.33L from the face of the center beam

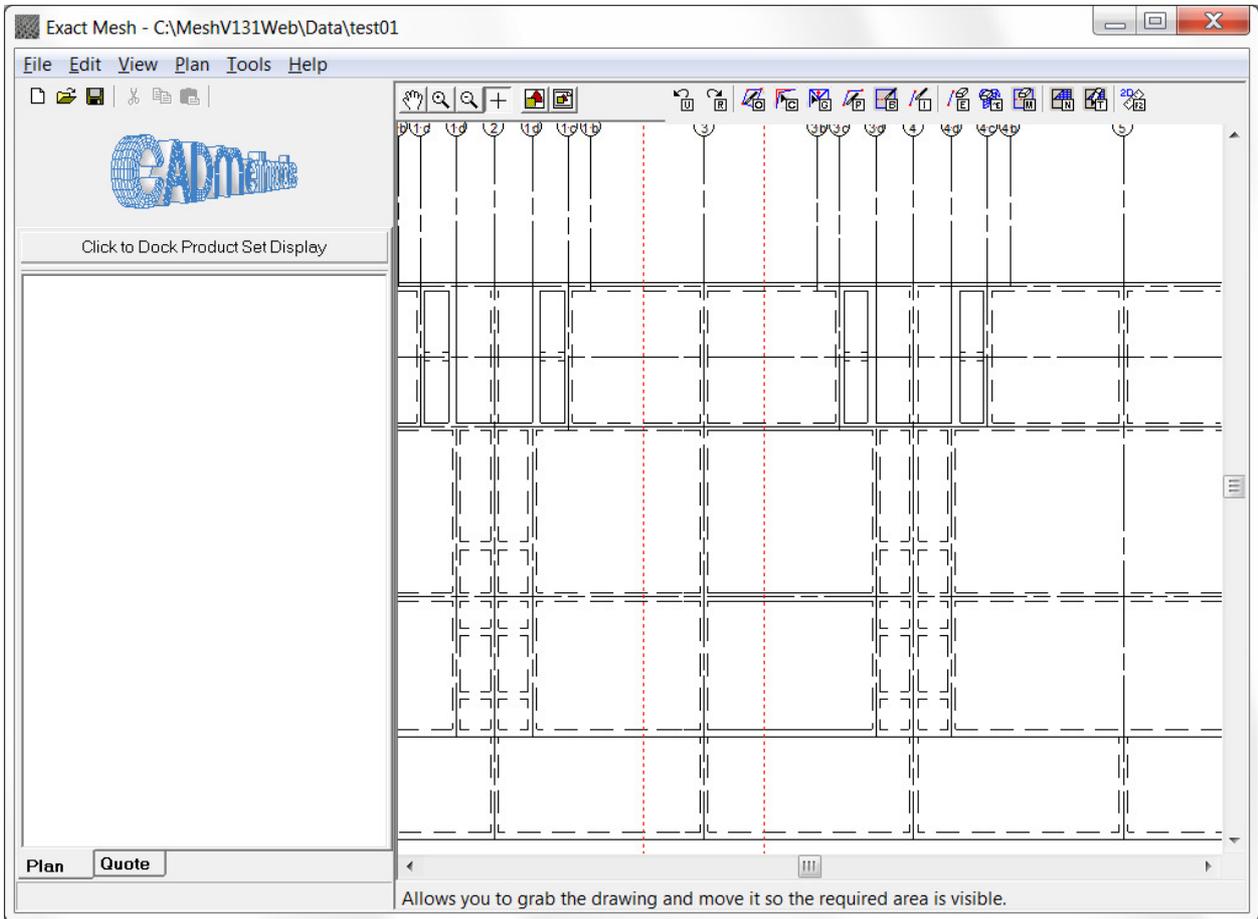


Figure 6 Two Red Dotted Construction Lines are drawn at the correct offset from the center beam

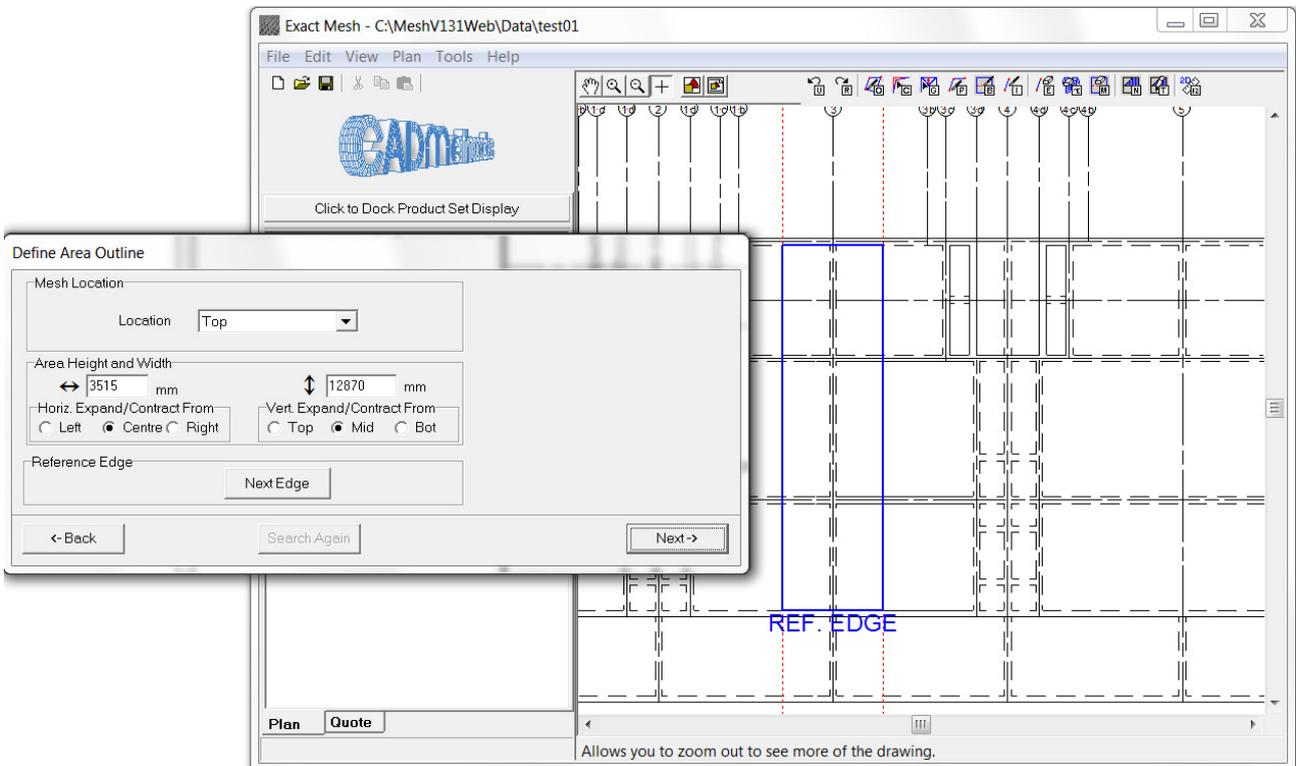


Figure 7 Define the area to be meshed

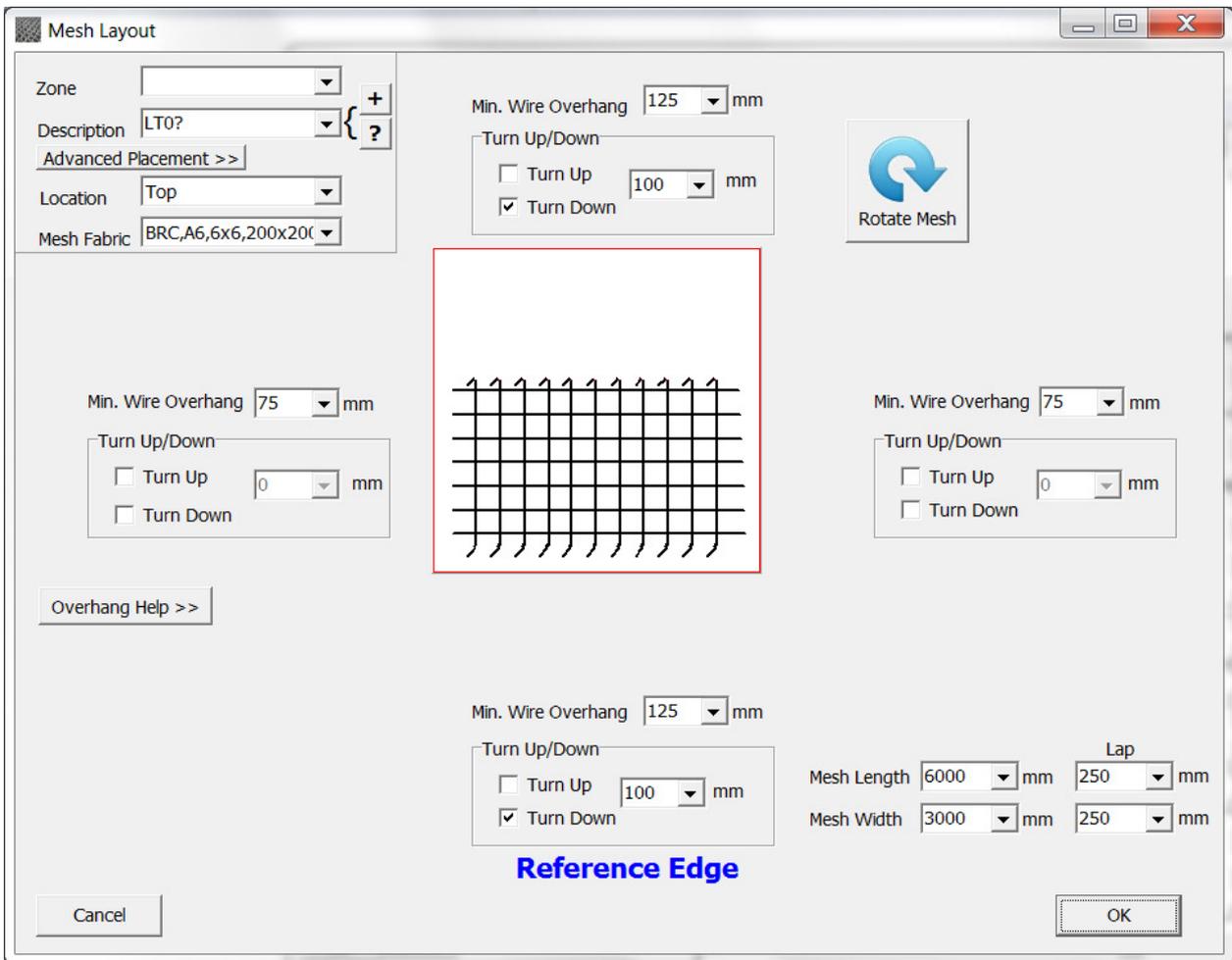


Figure 8 Define the Mesh including Wire Overhangs and Turn Down Into the beam

Note Mesh Can Be/Have:

- Rotated
- Wire Overhangs amended
- Turn Up or Turn Downs added
- Lengths/Widths adjusted
- Laps adjusted

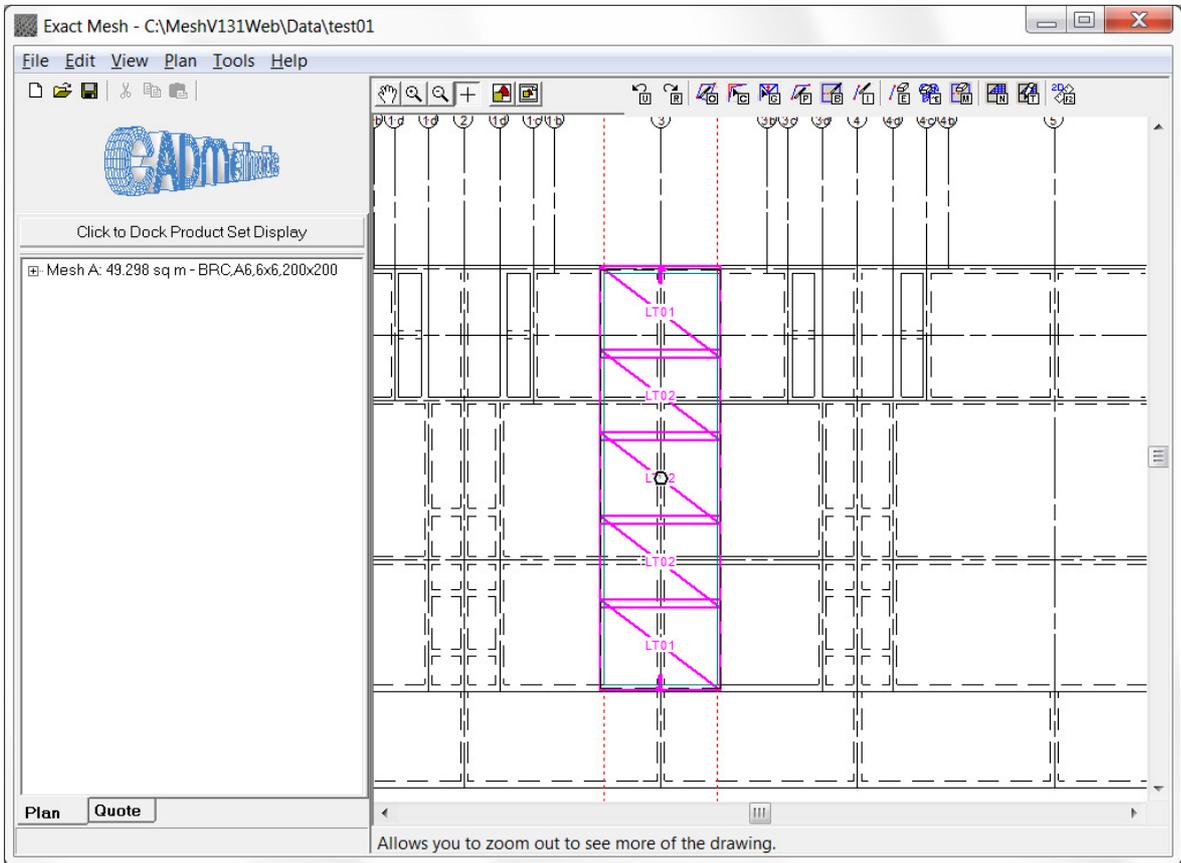


Figure 9 Program Draws and Labels Mesh

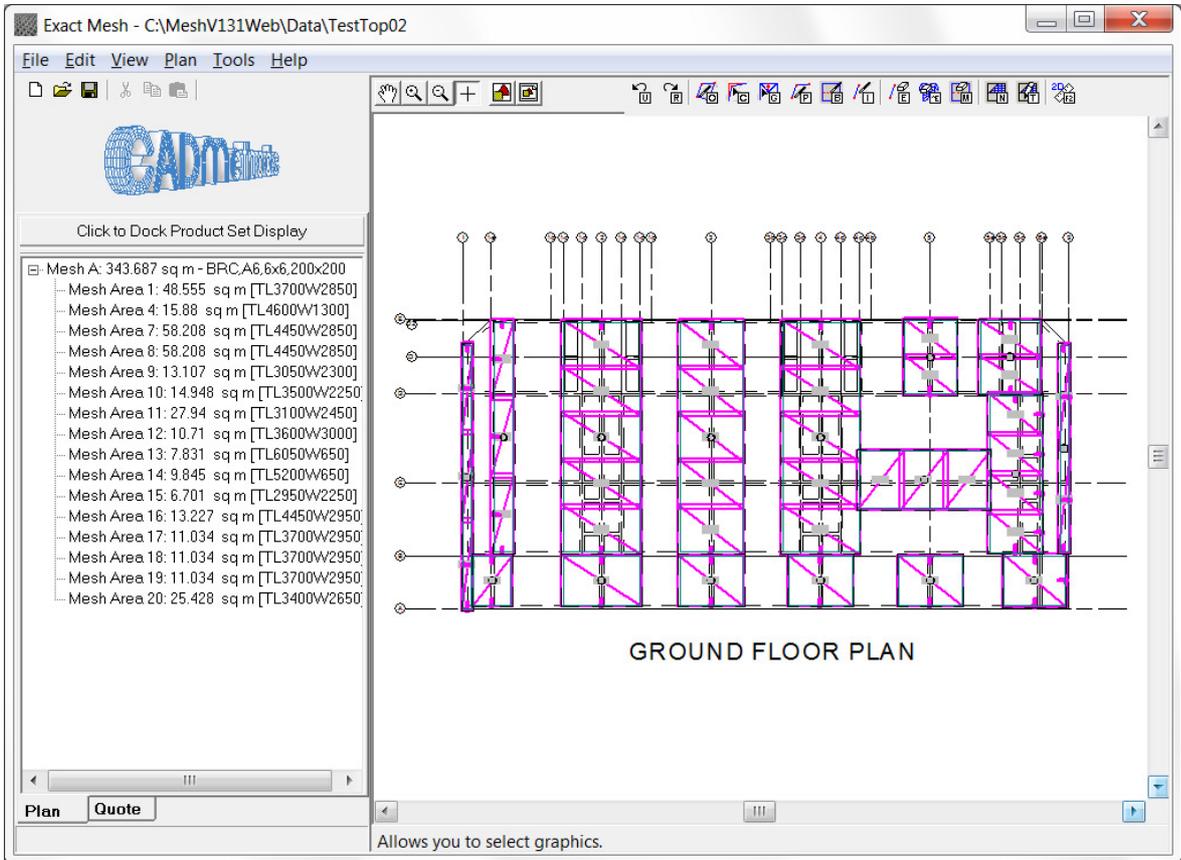


Figure 10 – Top Mesh Completed

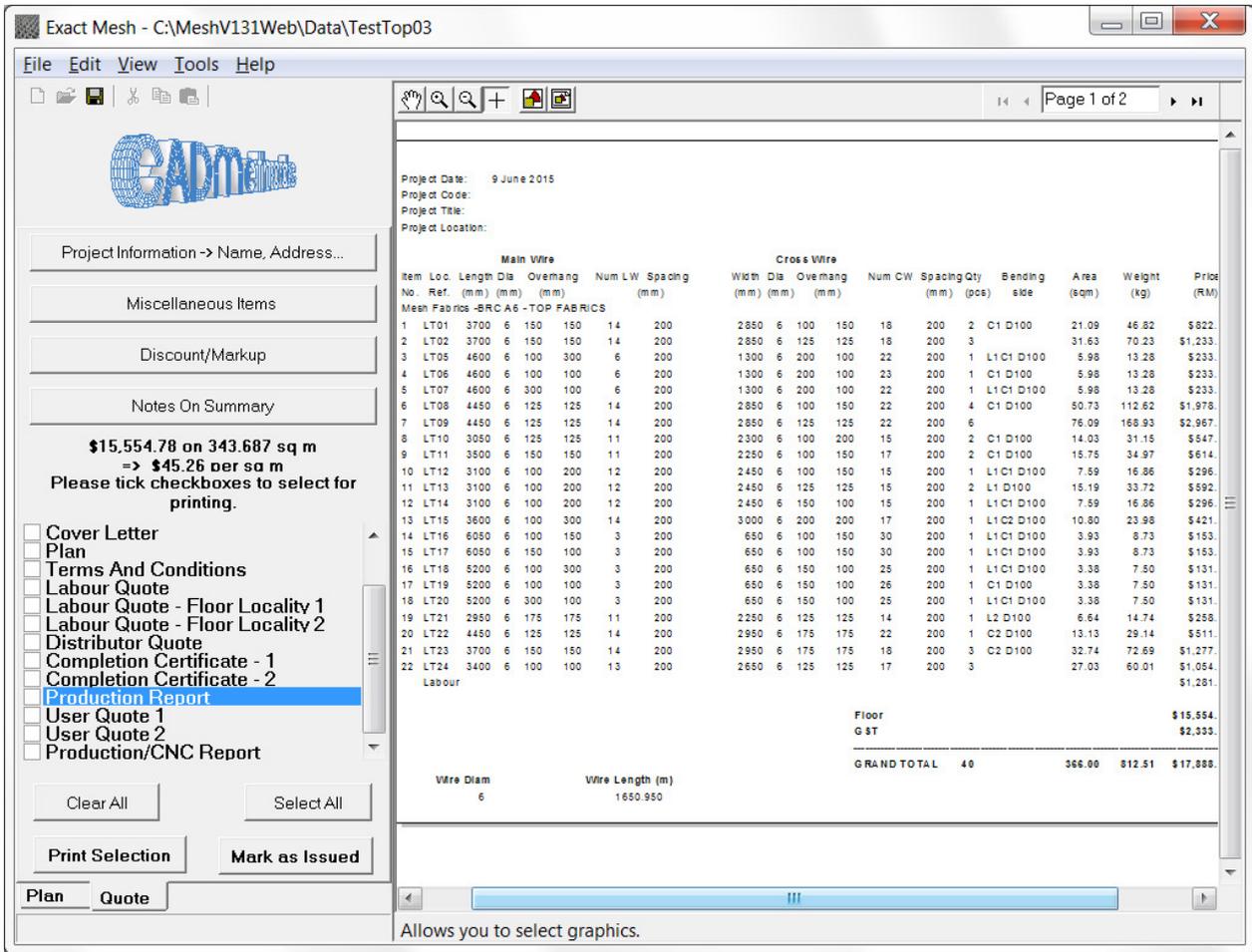


Figure 11 Reports – Including Production, Costing and CNC Output

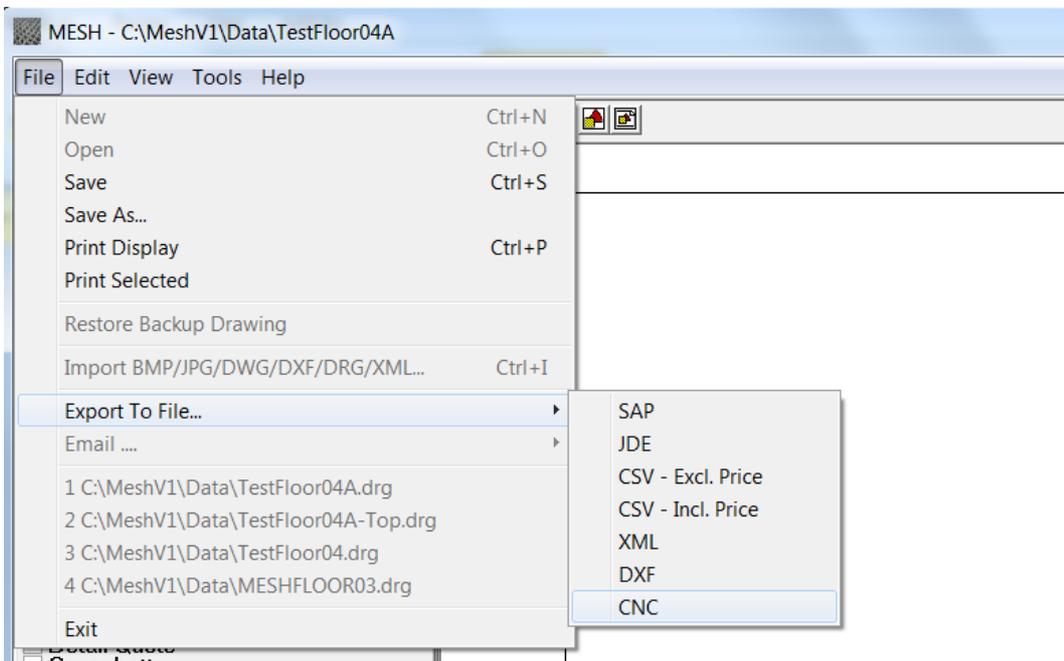


Figure 16 – Export to Enterprise Management Systems and CNC

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