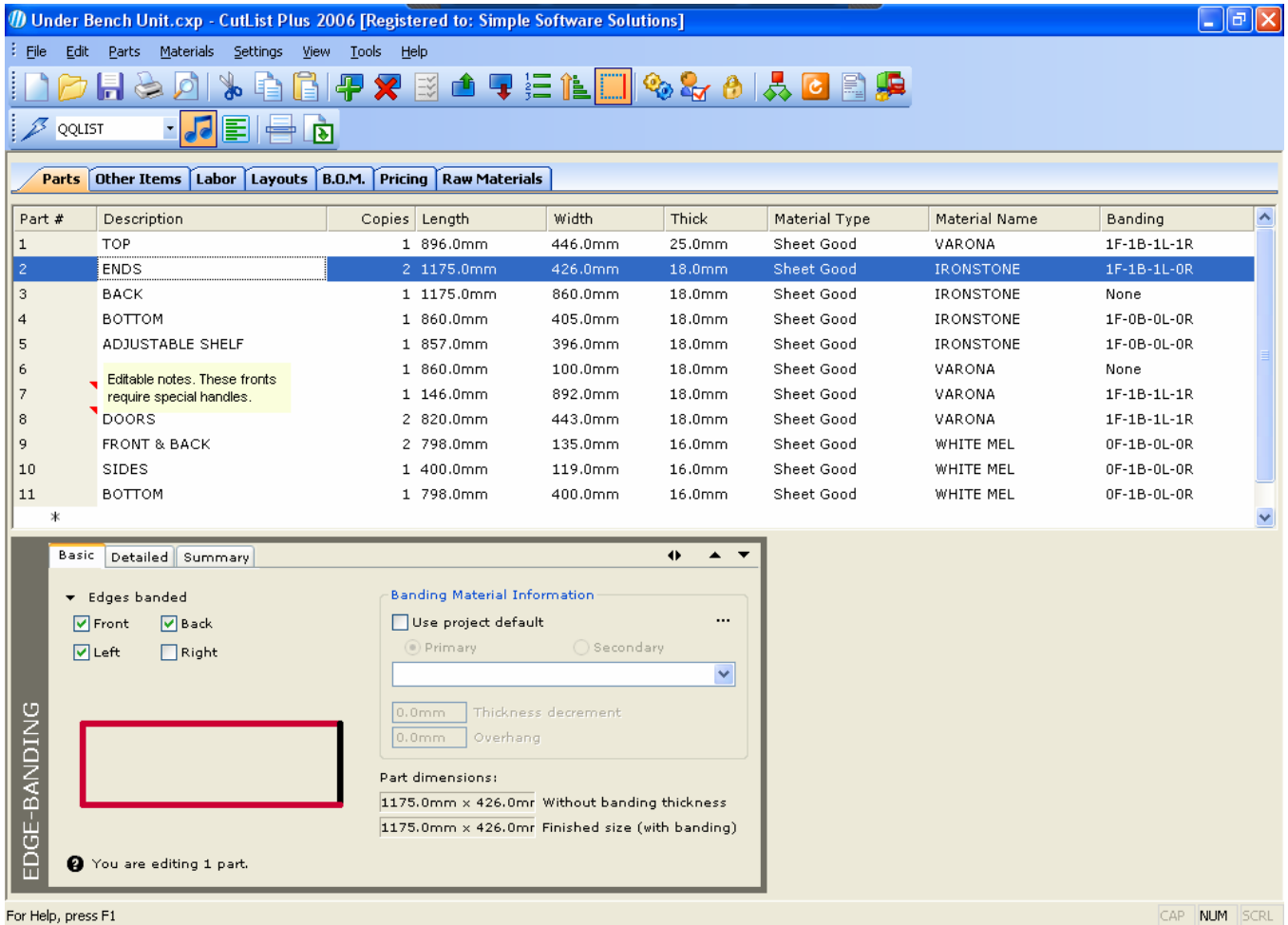


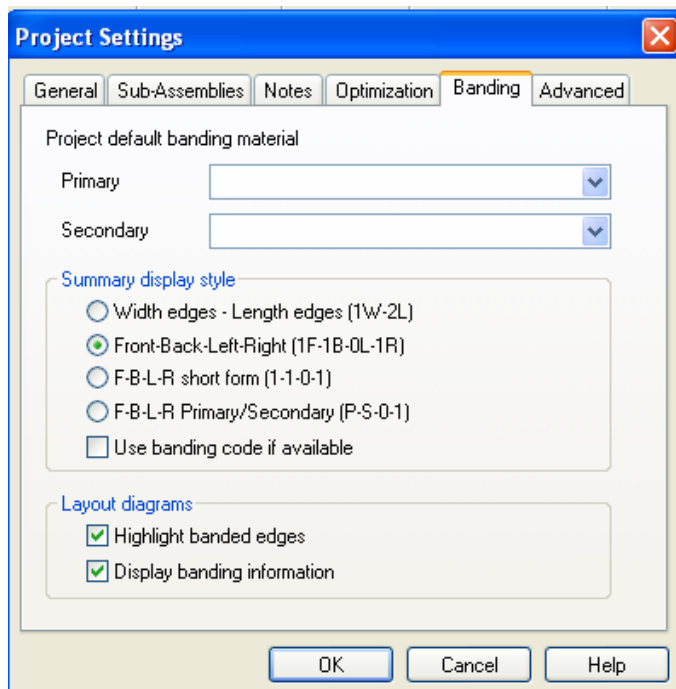
# Screen Shots: Parts List View



The screenshot shows the CutList Plus 2006 software interface. The main window displays a parts list with columns for Part #, Description, Copies, Length, Width, Thick, Material Type, Material Name, and Banding. The 'ENDS' part (Part # 2) is selected. Below the list, the 'EDGE-BANDING' panel is open, showing options for which edges to band (Front, Back, Left, Right) and the material information for the selected part. The panel also shows part dimensions with and without banding thickness.

Part #	Description	Copies	Length	Width	Thick	Material Type	Material Name	Banding
1	TOP	1	896.0mm	446.0mm	25.0mm	Sheet Good	VARONA	1F-1B-1L-1R
2	ENDS	2	1175.0mm	426.0mm	18.0mm	Sheet Good	IRONSTONE	1F-1B-1L-0R
3	BACK	1	1175.0mm	860.0mm	18.0mm	Sheet Good	IRONSTONE	None
4	BOTTOM	1	860.0mm	405.0mm	18.0mm	Sheet Good	IRONSTONE	1F-0B-0L-0R
5	ADJUSTABLE SHELF	1	857.0mm	396.0mm	18.0mm	Sheet Good	IRONSTONE	1F-0B-0L-0R
6	Editable notes. These fronts require special handles.	1	860.0mm	100.0mm	18.0mm	Sheet Good	VARONA	None
7		1	146.0mm	892.0mm	18.0mm	Sheet Good	VARONA	1F-1B-1L-1R
8	DOORS	2	820.0mm	443.0mm	18.0mm	Sheet Good	VARONA	1F-1B-1L-1R
9	FRONT & BACK	2	798.0mm	135.0mm	16.0mm	Sheet Good	WHITE MEL	0F-1B-0L-0R
10	SIDES	1	400.0mm	119.0mm	16.0mm	Sheet Good	WHITE MEL	0F-1B-0L-0R
11	BOTTOM	1	798.0mm	400.0mm	16.0mm	Sheet Good	WHITE MEL	0F-1B-0L-0R

This is the main parts list, showing all the machined parts that make up your woodworking project. From here, you can click on any column header to sort the list. Or, you can move parts up or down, insert new parts, even sort by cross-section. When you're ready, CutList Plus will renumber your parts for you. If you've ever made a last-minute change, you can appreciate how helpful it is to have all the re-calculations taken care of automatically.

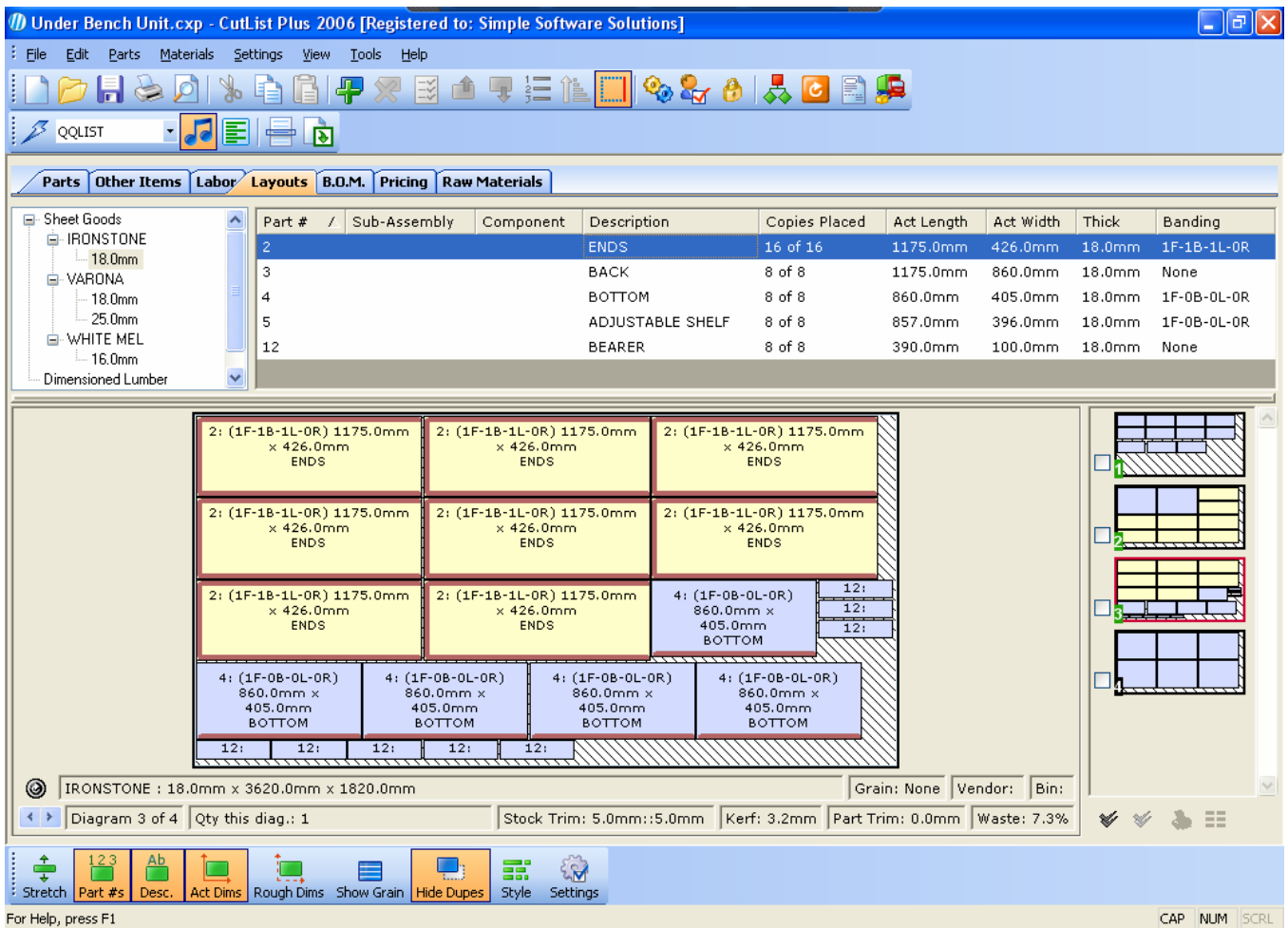


The screenshot shows the 'Project Settings' dialog box with the 'Banding' tab selected. It contains options for project default banding material (Primary and Secondary), summary display style (Width edges - Length edges, Front-Back-Left-Right, F-B-L-R short form, F-B-L-R Primary/Secondary, and Use banding code if available), and layout diagrams (Highlight banded edges and Display banding information).

Above, the edge-banding information panel is displayed below the list of parts. This allows you to specify which edges of each part require banding, and what banding material is needed for each edge. If you are using solid wood edging, you can have the program make the necessary adjustments to the dimensions of the parts, to account for the thickness of the edging.

In the Project Settings screen to the left, there are options for how banding information should be displayed on layout diagrams. On the Layouts screen, there are also options to increase or decrease that information. If you choose to highlight banded edges, those edges of parts will be drawn in a different colour on the cutting diagrams. If you choose to display banding information, the written banding summary will be displayed on the parts.

# Screen Shots: Layout Diagram View

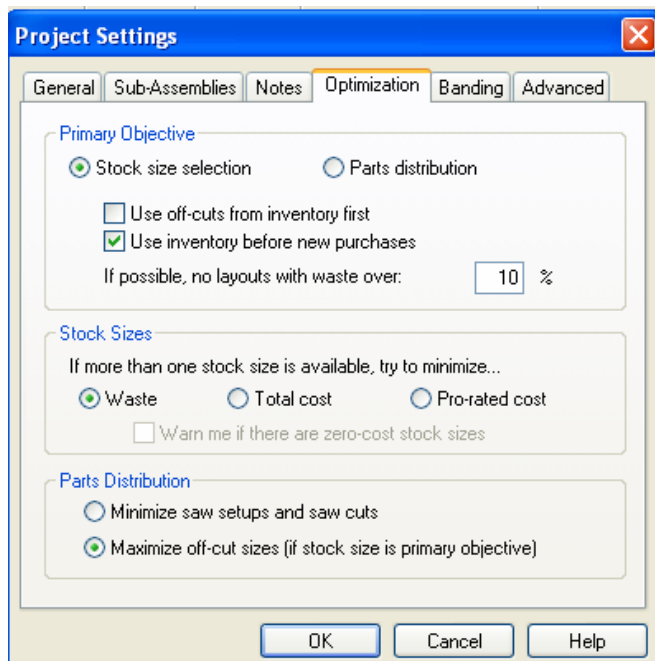


Part #	Sub-Assembly	Component	Description	Copies Placed	Act Length	Act Width	Thick	Banding
2			ENDS	16 of 16	1175.0mm	426.0mm	18.0mm	1F-1B-1L-OR
3			BACK	8 of 8	1175.0mm	860.0mm	18.0mm	None
4			BOTTOM	8 of 8	860.0mm	405.0mm	18.0mm	1F-0B-0L-OR
5			ADJUSTABLE SHELF	8 of 8	857.0mm	396.0mm	18.0mm	1F-0B-0L-OR
12			BEARER	8 of 8	390.0mm	100.0mm	18.0mm	None

IRONSTONE : 18.0mm x 3620.0mm x 1820.0mm    Grain: None    Vendor:    Bin:    Diagram 3 of 4    Qty this diag.: 1    Stock Trim: 5.0mm::5.0mm    Kerf: 3.2mm    Part Trim: 0.0mm    Waste: 7.3%

Your optimized cutting diagrams are shown as a scrollable list of thumbnails on the right, and a detailed view on the left. CutList Plus will generate layouts for your sheet goods and dimensioned timber, automatically picking the best size sheets or boards. Parts with edge-banding have highlighted edges on the layout diagrams.

You control the optimization process through Project Settings (below left) for Optimization objectives (minimize cost or minimize waste), part alignment and off-cut preferences, as shown below.



**Project Settings**

General   Sub-Assemblies   Notes   **Optimization**   Banding   Advanced

**Primary Objective**

Stock size selection    Parts distribution

Use off-cuts from inventory first

Use inventory before new purchases

If possible, no layouts with waste over:  %

**Stock Sizes**

If more than one stock size is available, try to minimize...

Waste    Total cost    Pro-rated cost

Warn me if there are zero-cost stock sizes

**Parts Distribution**

Minimize saw setups and saw cuts

Maximize off-cut sizes (if stock size is primary objective)

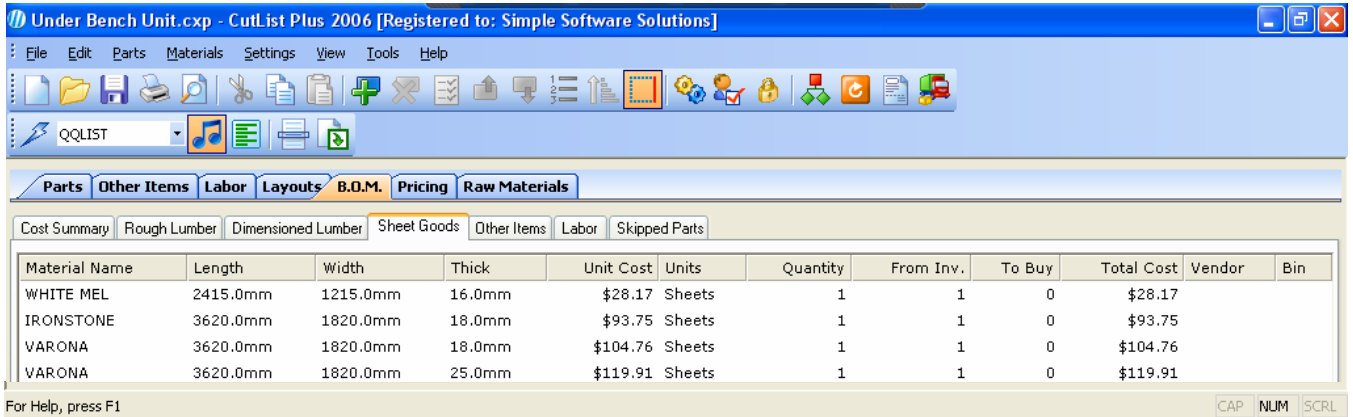
OK   Cancel   Help



This tool bar from the Layout screen shot above has the following described features:

- **Stretch** enables you to make narrow diagrams to appear bigger. Particularly useful when you are optimizing solid timber or narrow materials.
- **Part #s, Desc., & Act Dims** enables you to add & remove information displayed on the parts.
- **Show Grain** toggles the display of grain direction (if any) on cutting diagrams.
- **Hide Dupes** controls whether or not you want to see multiple copies of identical layout diagrams.
- **Style** displays a menu with alternate cutting pattern options. Eg. Prefer Rip Cuts or Cross Cuts, Max Side or Max Bot Off Cuts or Standard Layout.
- **Settings** gives you quick access to the project Settings screen (left) to make changes on the run.

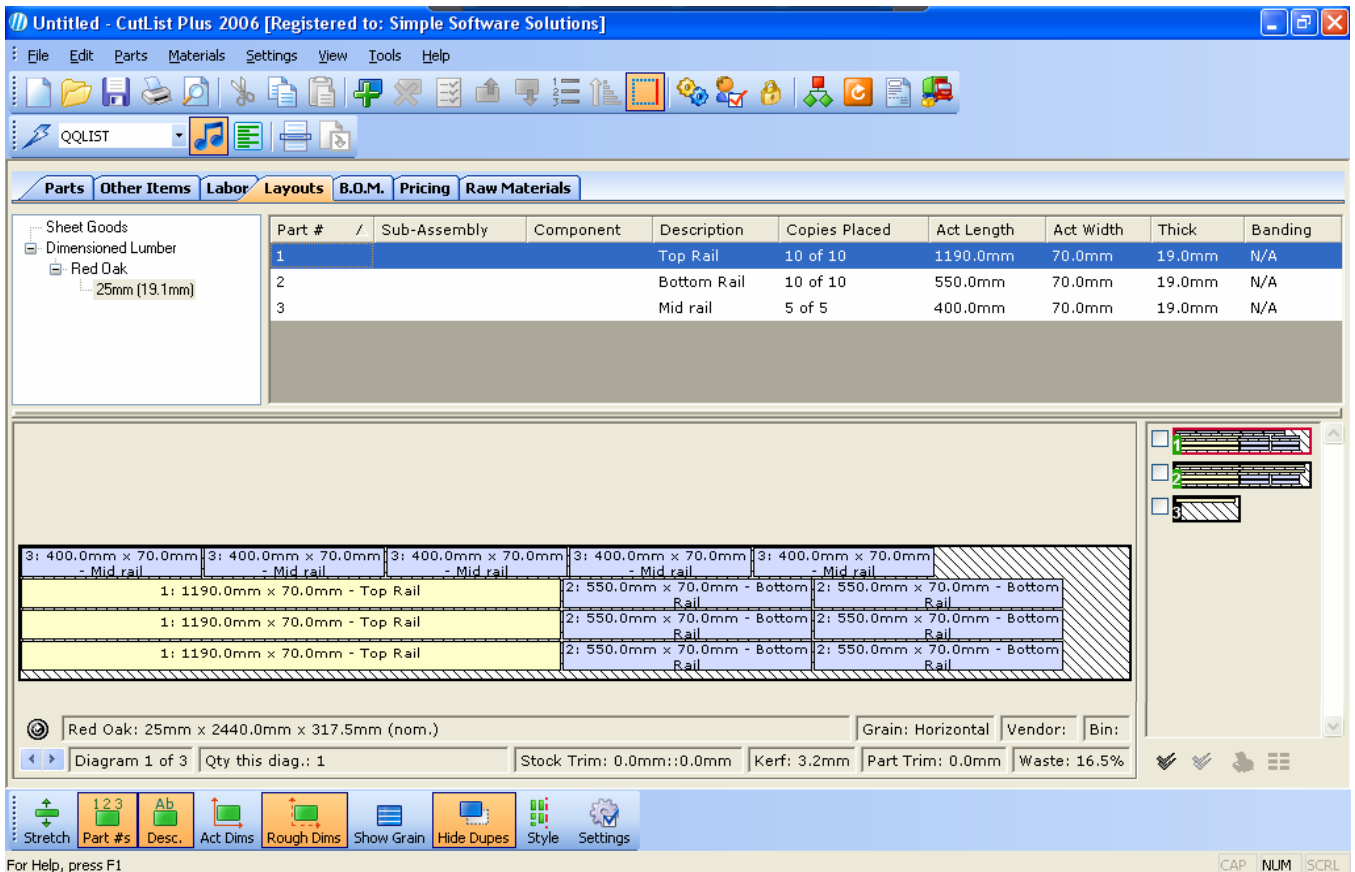
# Screen Shots: Sheet Goods Bill of Materials



CutList Plus will figure out what sizes of board you need for your project, based on the sizes and prices of your suppliers. It will keep track of how much you have on hand, and how much you need to purchase.

You can choose to round up the materials requirement to whole boards or sheets, as in this screen shot. Or, you can pro-rate the materials needed based on the portion of each board or sheet that is actually needed for the project.

## Solid Timber Optimisation



Thumbnails on the right indicate that there are three patterns required to complete this solid timber project. This is pattern one of three. The board stock is Red Oak 2440 x 317 x 25

CutList Plus can optimize solid timber components or lineal metre/square metre products. Eg. Fabric, laminate, steel & aluminium tubing, etc. It's only a matter of entering the raw material data initially and then adding your parts as a cutting list. Then click on the Layouts button and produce layout diagrams instantly, with the best and most efficient use of time and product.