# Castle Bookcase



The Castle Bookcase is not only great for storage but also serves as a creative play center for kids of all ages. It features four shelves, a functional drawbridge, battlements, and windows. The entire thing is made from two sheets of plywood and is constructed using glue and screws.

This is also the project for the Woodworkers Fighting Cancer fundraiser for 2016. Learn more at [WoodworkersFightingCancer.com!](WoodworkersFightingCancer.com)

Design: Marc Spagnuolo Plans: Marc Spagnuolo & Brian Benham
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Version 1

WOODWORKERS FIGHTING CANCER

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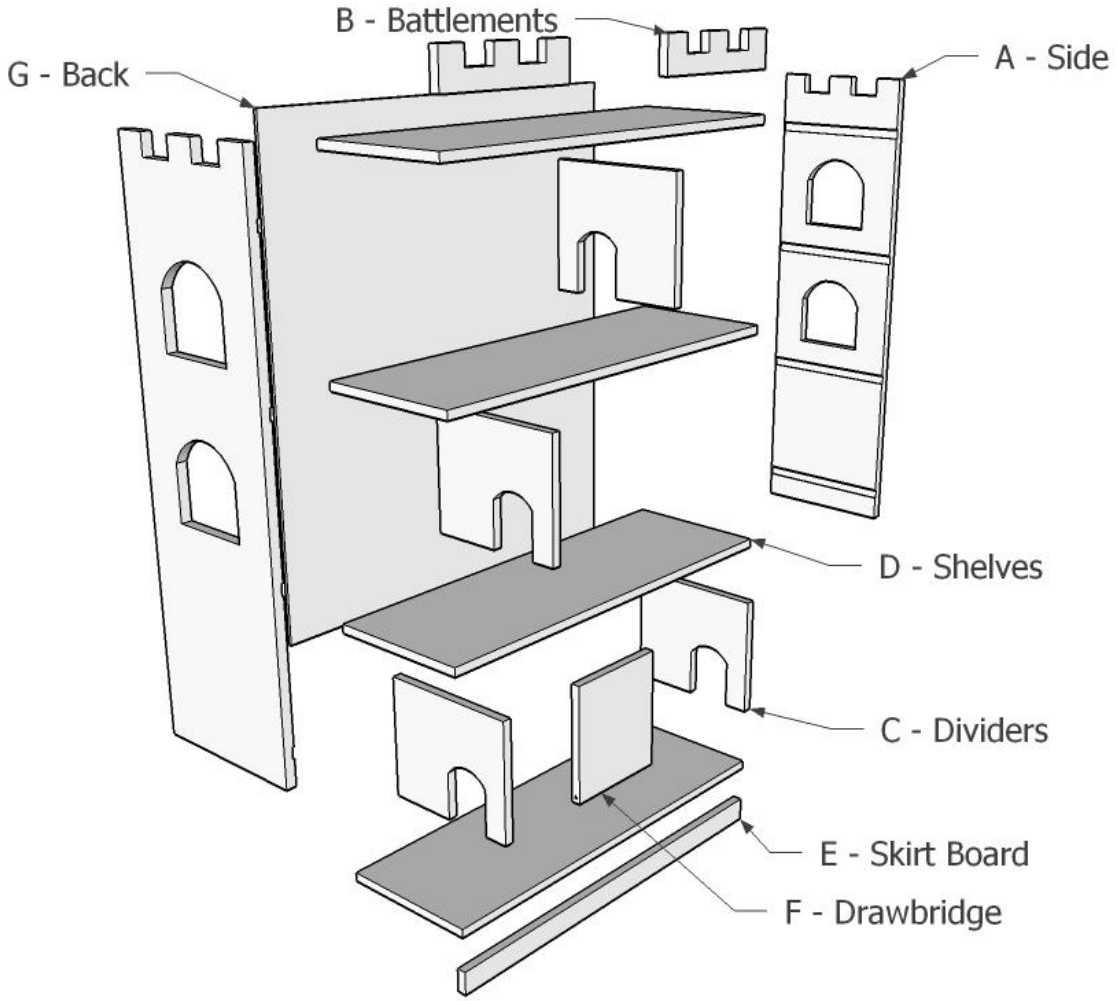
# Cut List

| Section | Part ID | Part Description | Material | QTY | Width | Length | Thickness |
|---|---|---|---|---|---|---|---|
| Castle | A | Side | 19mm Plywood | 2 | 305mm | 1016mm | 19mm |
| | B | Battlement | 19mm Plywood | 2 | 305mm | 76mm | 19mm |
| | C | Dividers | 19mm Plywood | 4 | 298mm | 260mm | 19mm |
| | D | Shelves | 19mm Plywood | 4 | 298mm | 883mm | 19mm |
| | E | Skirt Board | 19mm Plywood | 1 | 51mm | 876mm | 19mm |
| | F | Drawbridge | 19mm Plywood | 1 | 225mm | 257mm | 19mm |
| | G | Back | 6mm Plywood | 1 | 895mm | 254mm | 6mm |

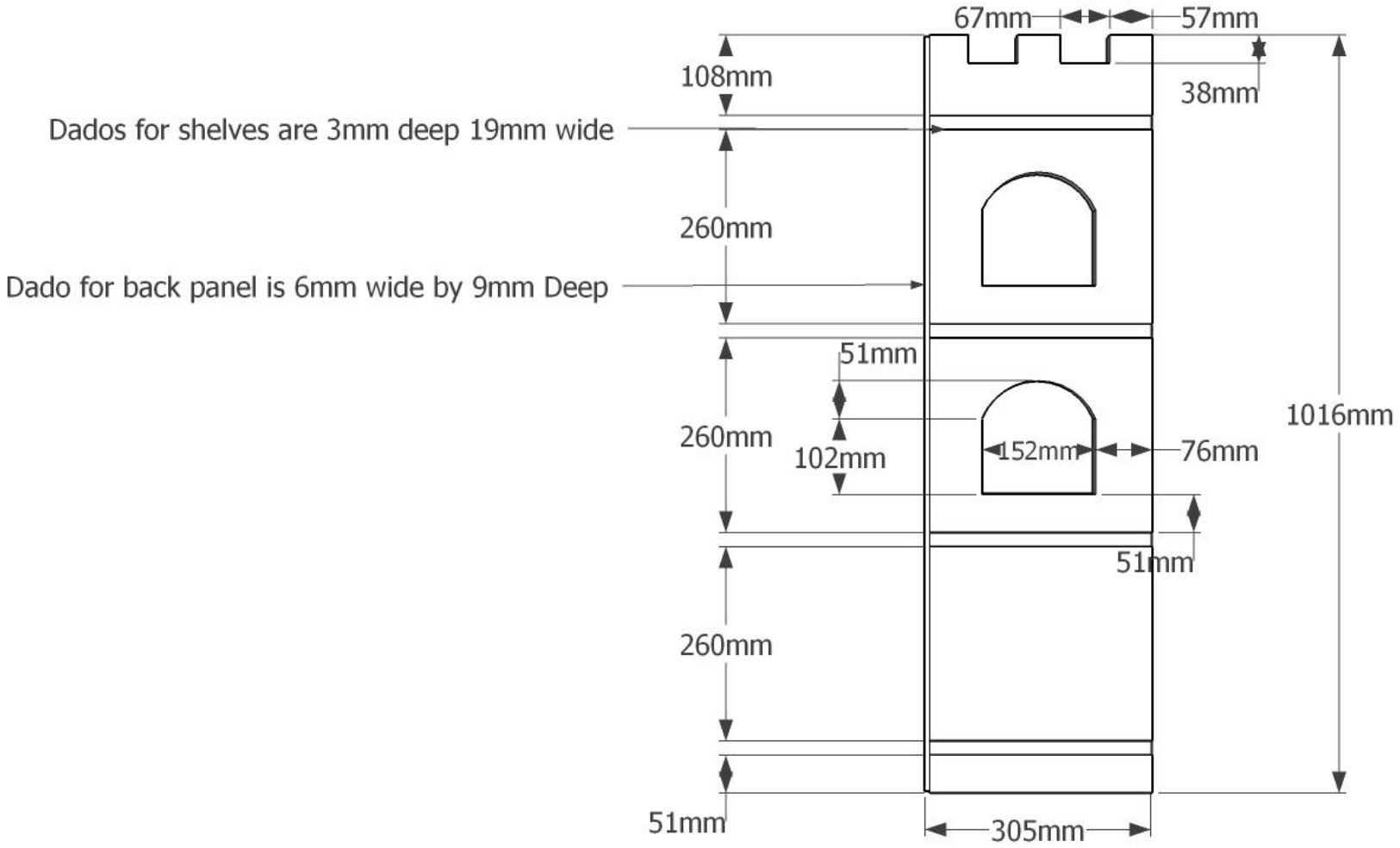
**Materials Needed:**
1 Sheet 19mm Plywood
1/2 Sheet 6mm Plywood
1 each 6mm Dowel
1 box of wood screws 1 1/2“ Long

**IMPORTANT! These plans were converted from imperial measurements, and rounded to the nearest mm. It is recommended you use relative dimensioning to insure a good fit.**

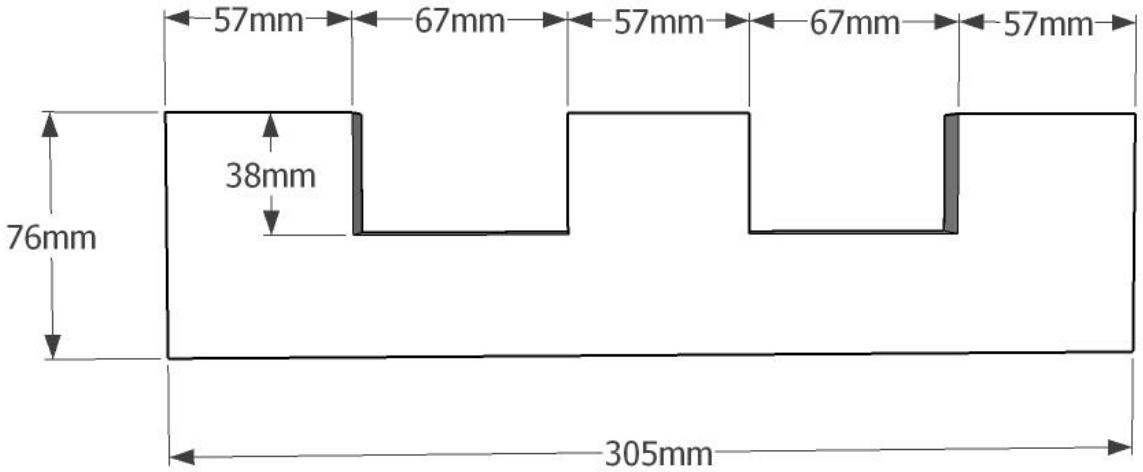
# Exploded View



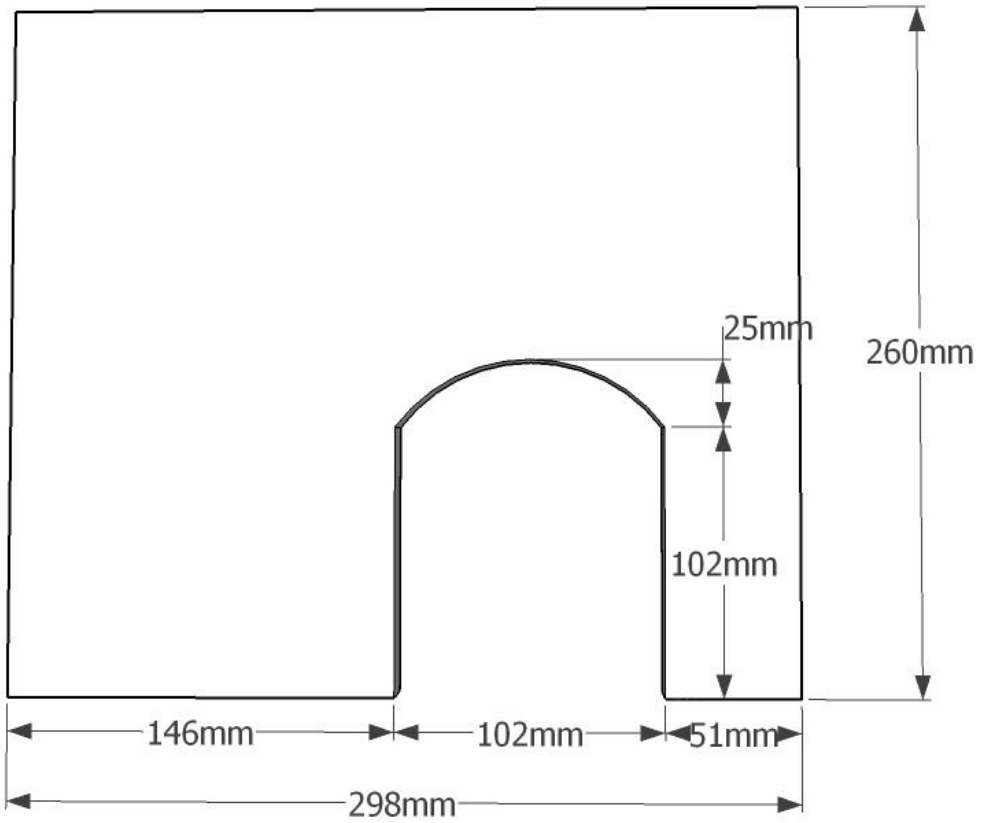
# Side View


67mm
57mm
108mm
38mm
Dados for shelves are 3mm deep 19mm wide
260mm
Dado for back panel is 6mm wide by 9mm Deep
51mm
260mm
102mm
152mm
76mm
1016mm
51mm
260mm
51mm
305mm

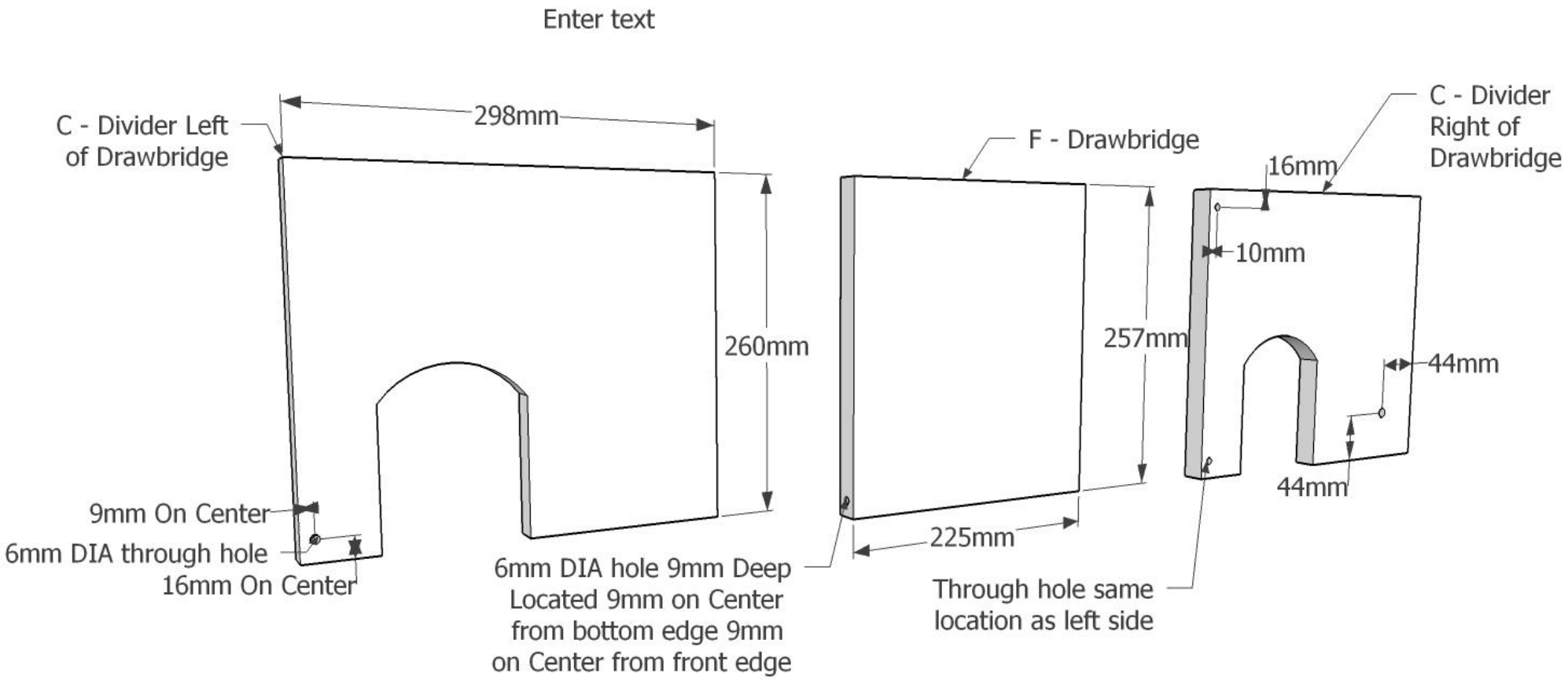
# Battlement Detail



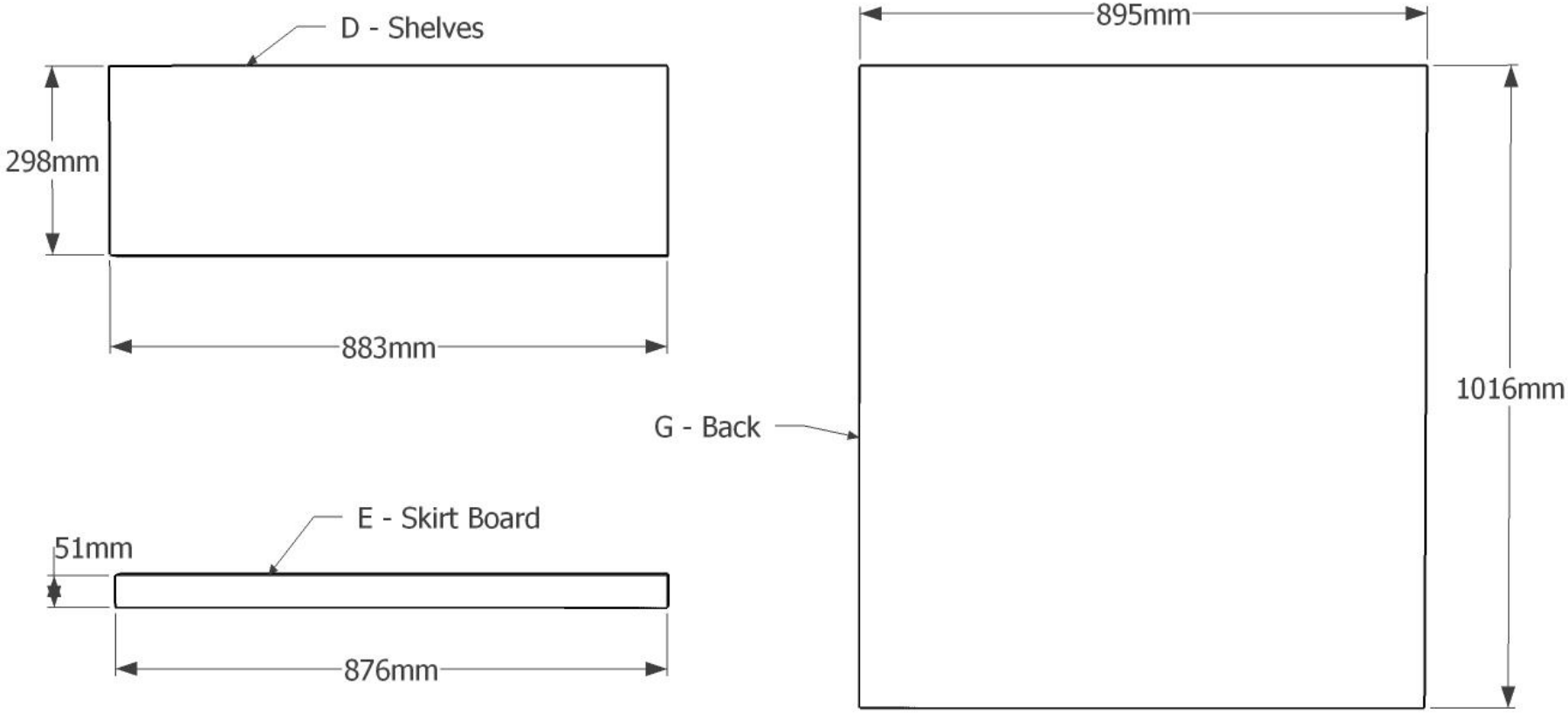
# Divider Detail



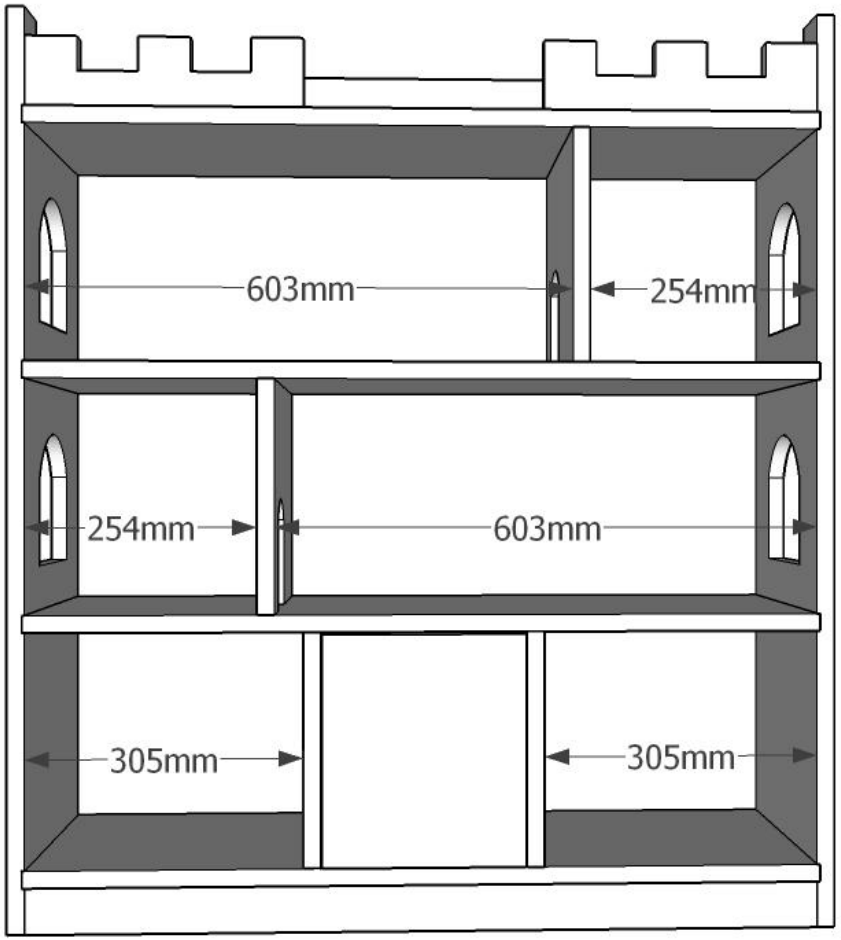
# Drawbridge Detail



# Back, Shelf, & Skirt Detail



# Divider Layout



# 19mm Plywood Cut Diagram

