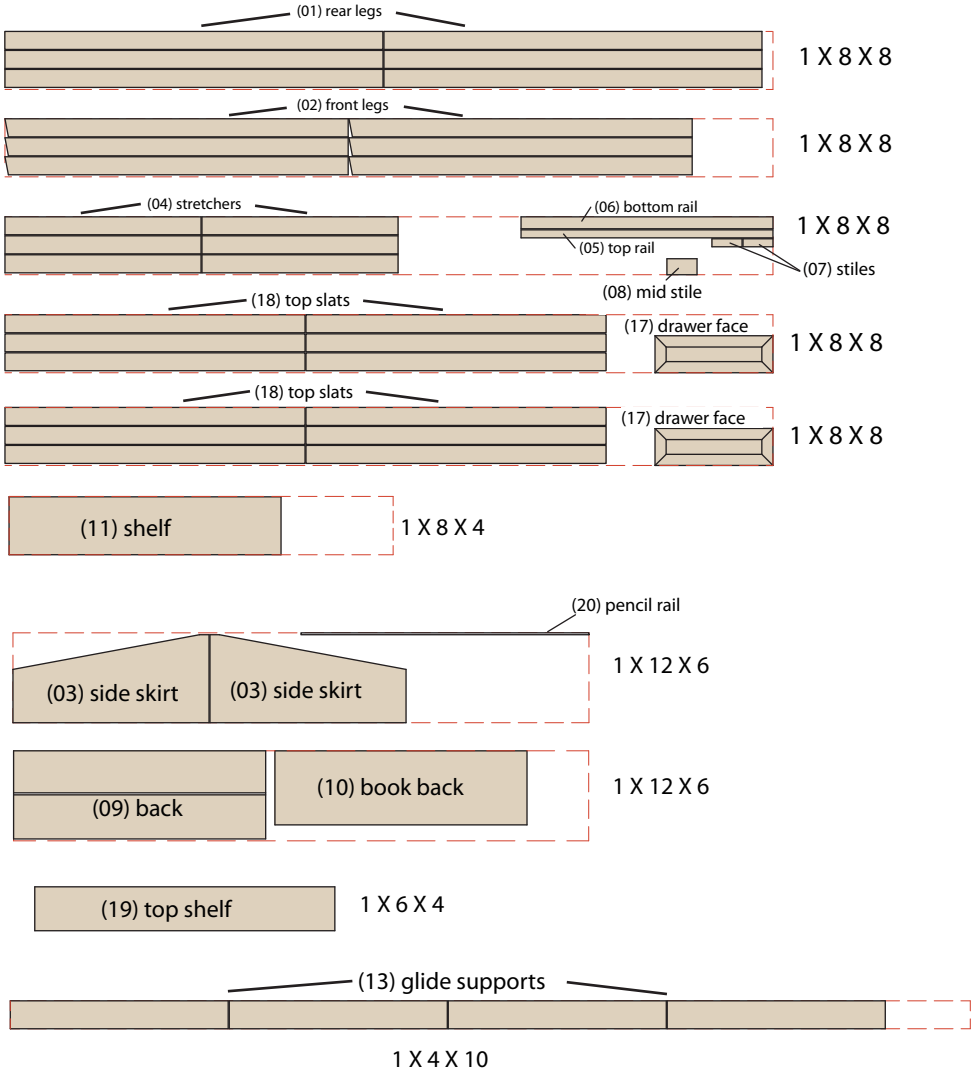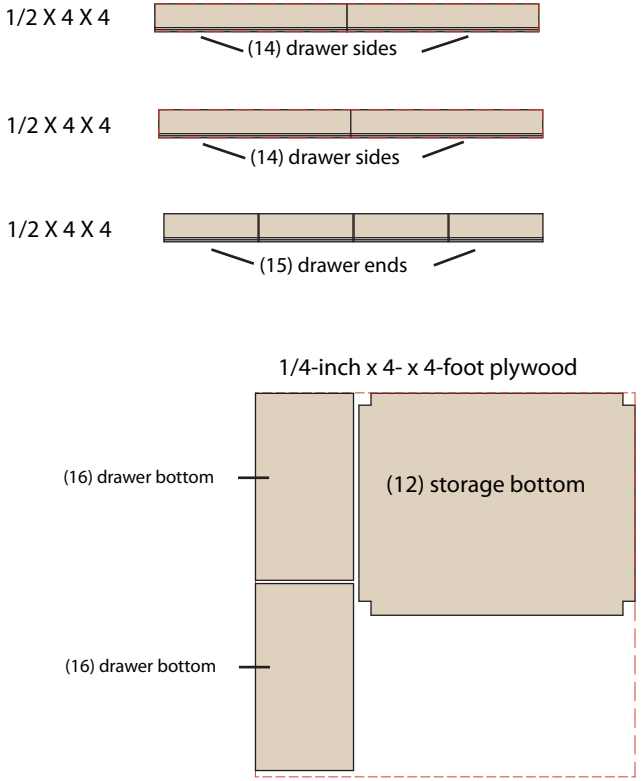Cutting Diagram