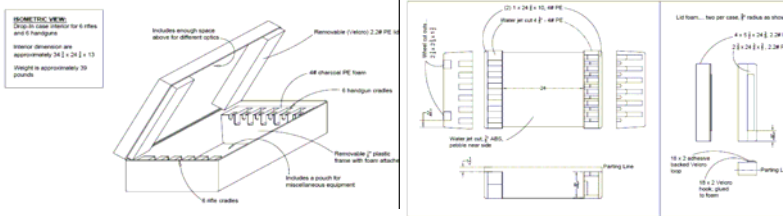
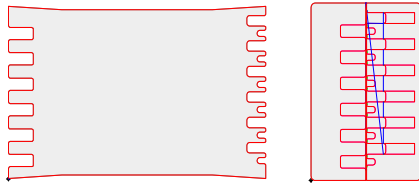


PROJECT: A Marine Corps unit contacted us about a "drop-in" case interior that would secure 6 M-16 rifles, 6 pistols, plus assorted gear. These interiors would need to fit into Pelican cases, already owned by the unit, which currently had desintegrating pluck foam in them.

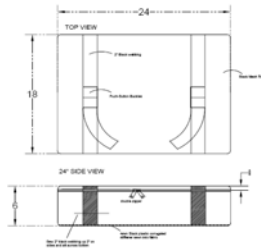
Step 1: After several conversations with the customer, and test fits with "blue" non-working weapons, we designed a plastic tray with watercut 4lb. PE foam attached, and a custom sewn gear bag. The insert would be secured to the case with peel-n-stick velcro.



Step 2: After approval, the concept foam drawing was converted into a production drawing, and the information was uploaded into specialized tool pathing software for waterjet cutting. The foam and plastic was then cut on the waterjet machine, dried, and assembled.



Step 3: The gear bag was designed and the prototype was sewn



Step 4: The prototype case was delivered to the customer for testing, after passing several stress tests, the project was approved for production



Step 5: We performed a full project documentation, quality control reports and a permanent project file. A certificate of compliance and quality record was sent to the customer.