

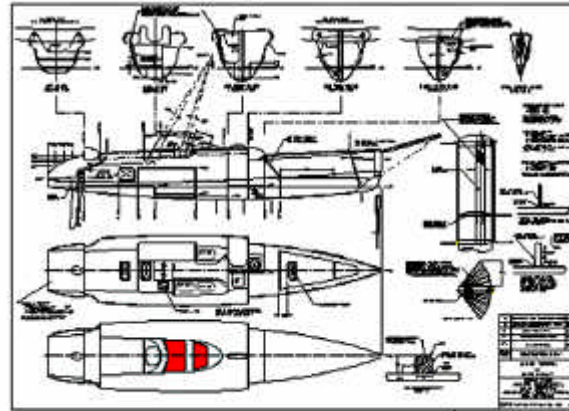
# Design Services, *How Does it work? What is the process?*

These are questions we are often asked by people considering their first custom designed and built boat. The relationship has three phases, commencing with design of the boat, proceeding through the construction process, and continuing after launching.

**Conceptual Design** often starts with CAD or pencil sketches and ends with an outboard profile or sail plan and preliminary layout. This is the first broad stroke. We make sure the layout you are hoping for fits in the size of boat you want; and that you are happy with the appearance of the boat.



**Preliminary Design** carries this process further with structural calculations, approximate hull shape, preliminary weight estimates. Our goal here is twofold - to carry the design to a point where builders can give an estimate of cost of construction; and to make sure that the design is feasible from a structural, weight, and performance point of view.



**Final Design** usually proceeds after a builder is selected and the client has determined that the project is financially feasible. Often the construction process starts before the final design is complete. Obviously we try to stay a couple steps ahead of the builder so that the construction process can proceed smoothly to finally build the boat of your dreams.



**Antrim Associates, Naval Architects**  
4018 Archery Way, El Sobrante, CA 94803  
phone 510.223.9680 fax 510.262.0303  
www.AntrimDesign.com Jim@AntrimDesign.com