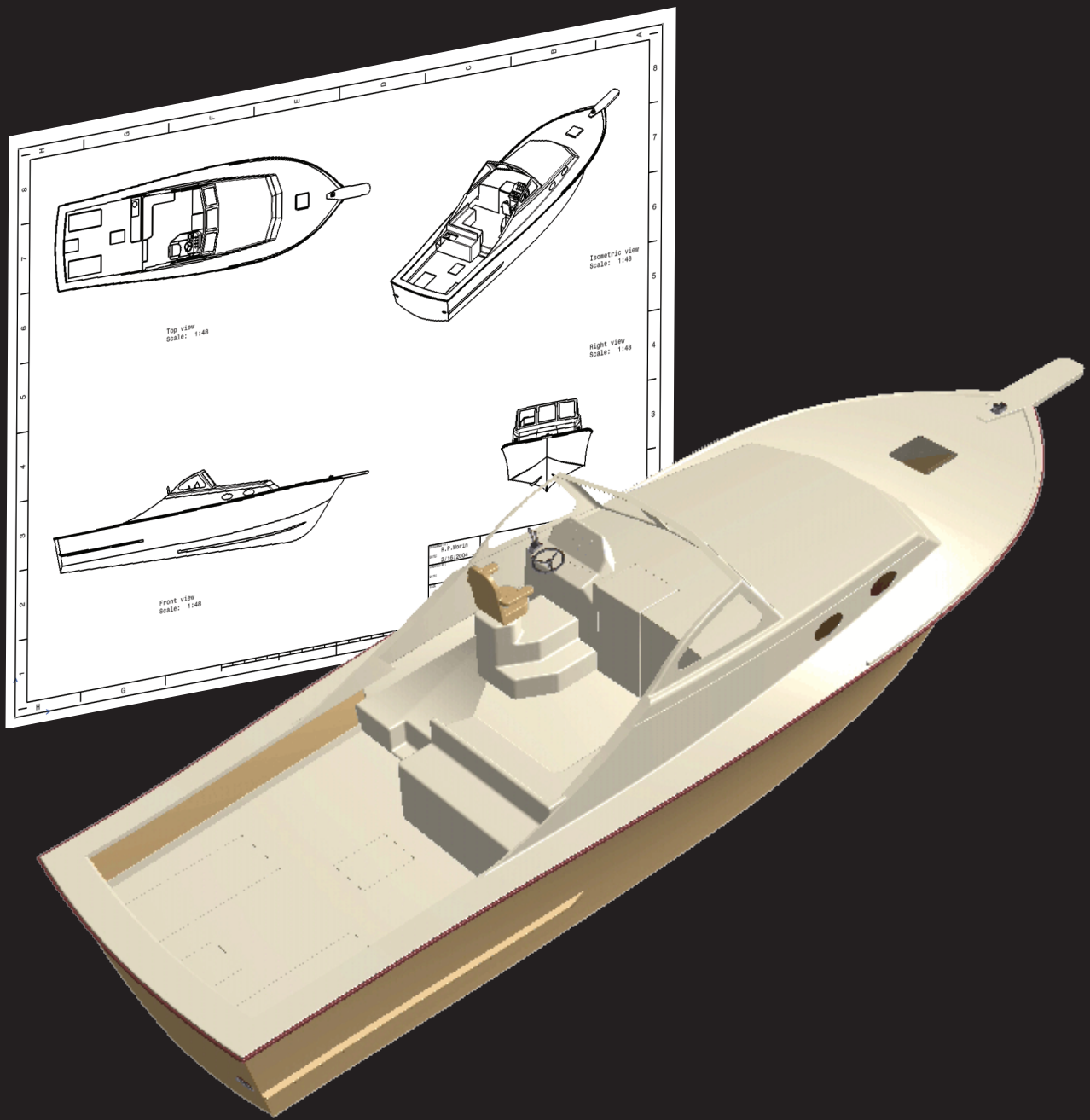


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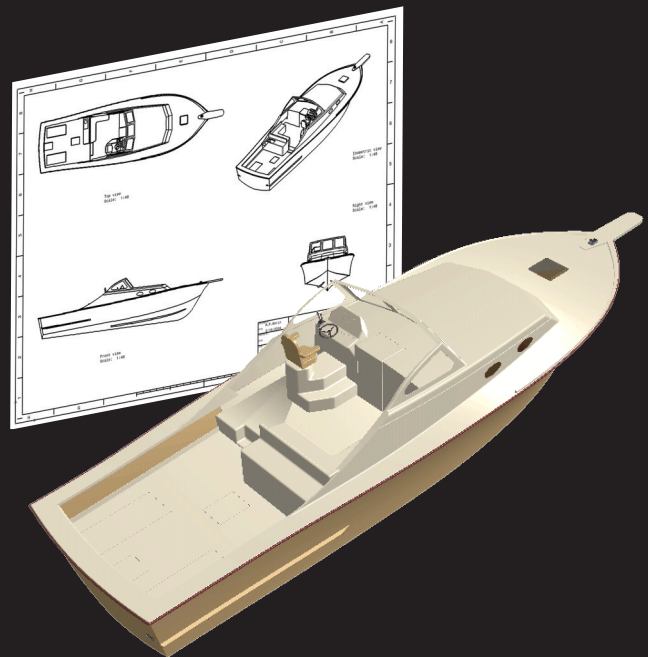
Reverse Engineering of 40Ft. Fishing Vessel

Marketing, Engineering and Technical graphics are easily achieved by leveraging the 3D CAD models.

What if no parts, models or even sketches exist?

With over 20 years in product design I can easily collaborate with your team to achieve proposals and or final designs. Or as in this case I can take the ball and run with it.

In this example the interior of this 40 ft. Vessel did not exist and was completely computer generated. One of the advantages is computer models can be used by downstream development activities such as FEA , Cost Analyses and Manufacturing.



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Reverse Engineering con't

Beginning with a series of strategically taken digital photographs the process starts. Primary views and shots are defined and critical dimensions are taken.

The images are compiled and imported into a very powerful CAD software system where electronic geometry creation can be initiated.

Original Photograph

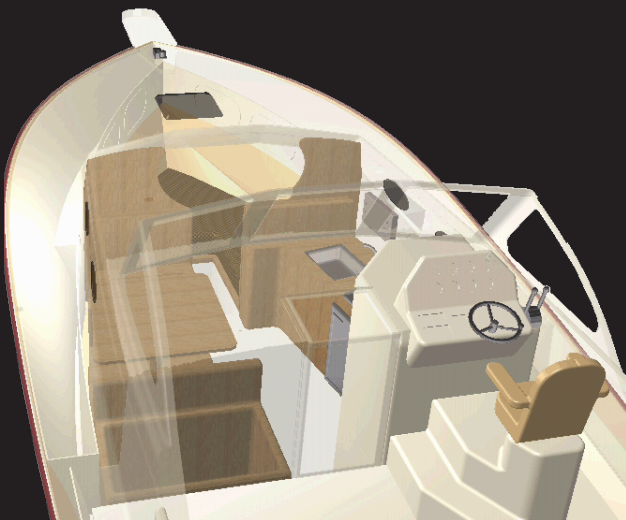


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Graphic Design - Illustration - 3D Renderings

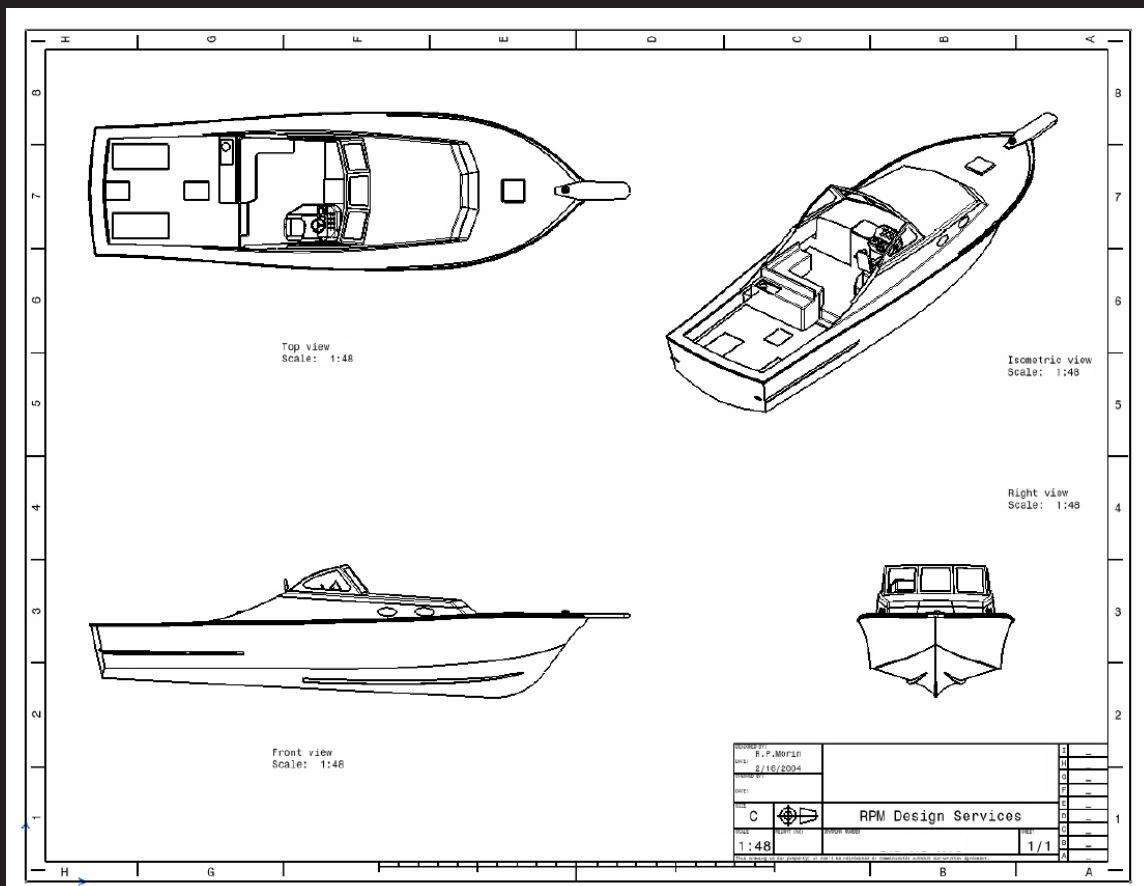
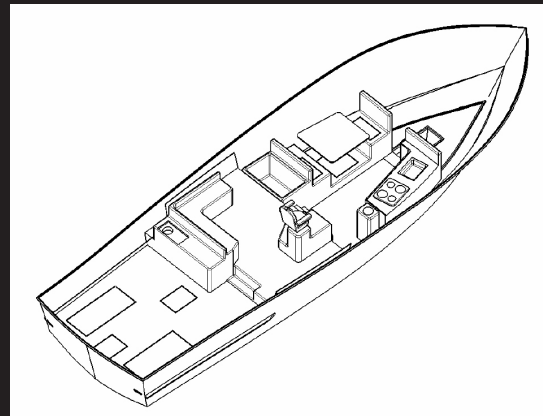
The final result is a infinite number of digital images, line drawings and renderings not to mention the machinability of these 3D models!

Computer generated renderings of non existing interior.



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Transition to Line Drawing



Robert Morin

For more information please feel free to contact us at:

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