



Naval Architecture
and Marine Solutions

Engineering Design and Capabilities

Naval Architecture and Marine Solutions can design components for many industries including marine, transport, offshore oil and gas, and artistic industries. Our team will work with you to turn your concept / vision into structural designs.

Our engineering services include:

- Structural Design and Analysis
- Structural Detailing
- Structural Calculations
- Stress Analysis
- 3D Structural Modelling
- Drafting
- Design Verification

Our engineers utilise the latest software to assist them in converting your concept to reality. By preparing 3D structural models, allows both us and the client to evaluate the design.

We then carry out structural calculations and stress analysis, to ensure that the structure is strong enough to withstand the natural forces and loads imposed by its proposed use.

Our engineering capabilities and attention to detail are regularly extended to a wide range of highly specialised and unique applications, which can include product development and art / sculpture.

We are always happy to offer our services independently or in consultation with other specialist and independent contractors.

Recent engineering projects have included:

- Designed a custom transport frame to load four metre diameter polyethylene pipeline casings into a semi-trailer
- Reviewed the structural capacity of existing load out stools and prepare a structural report
- Preparation of drawings and structural calculations for steel work for elevator installations