

# Fish Processing Factory - Hull



**Project:**

New Fish Processing Factory

**Location:**

Hull

**Client:**

Smales & Son Ltd.

**Consulting Engineer:**

Alan Wood & Partners

**Architect:**

The Rosner Partnership

**Project Value:**

£2.5 million

## Description:

Smales & Son required the construction of an all new purpose built Fish Processing Factory to extend and complement their existing facilities in Hull.

Alan Wood & Partners were appointed to join the design team and were responsible for all Structural and Civil Engineering aspects of the design.

The main building structure consists of an approximate 3000m<sup>2</sup> floor area which contains within an insulated envelope, various specialised production lines, cold store, loading and unloading facilities as well as amenity and office accommodation.

The roof void is required to support much of the plant serving the factory plus the insulated ceiling and Alan Wood & Partners designed a fully trussed steel roof which

provides an economic and effective structural solution.

Difficult ground conditions required the use of piled foundations to the steel frame and other especially sensitive areas whilst the majority of the ground floor slab to the production area is designed as ground supported.

A mezzanine, concrete decked area, within the factory supports the heavier plant and tank facilities with a separate steel portal framed building providing an additional garage and workshop area.

This technically complex showpiece building project required the closet of cooperation between all involved parties, client, design team and contractor and Alan Wood & Partners expertise played a full part in the successful completion of all structural and civil aspects of its construction.