

Agriculture**S W Attwood and Partners**

Project Type	Grain Handling and Storage facility
Location	Isle of Sheppey, Kent
Steel Tonnage	215 tonnes
Works Carried Out	Structural Steelwork, Pre-cast concrete walling, Roller shutter doors, Personnel doors, Fibre Cement roofing, Steel Wall Cladding

The main grain store is a 30 metre span with a 10 metre wing to each side, 60 metres in length and 9 metres to eaves. The pod for the grain elevator and drying fans is 14 metre x 18 metre and stands 16 metres high. The two storey weighbridge office is 12 metre x 5 metre.

The Grain walling panels are 180mm thick and almost 5 metres in height. Due to the loads being imposed, an in concrete floor tie system between the main columns was introduced.

This multi compartment Grain store has been designed to enable grain deliveries to be weighed prior to being offloaded and sent through a drying system. Once the grain is dried it enters a conveyor handling system in the roof space before being unloaded in to its relevant compartment.

Robinson utilised thier grain storage expertise to assist in the design phase, eliminating any potential problems prior to the construction phase.

The Robinson production facility and professional site teams ensured the project was delivered to programme.



“Robinsons knowledge on grain storage buildings combined with their passion to achieve and beat programme targets, all contributed to the success of our project.”

Stephen Attwood