

INFRASTRUCTURE FOR NEW CEMENT DEPOT, MOSSEND	
Description:	Foundations, Hardstanding and Access Roads
Form of Contract:	ICE 5 th Edition
Duration:	29 Weeks
Contract Value:	£900,000
Client:	Gartverrie Silos Limited
Clients Representative:	Dougall Baillie



This fixed price lump sum project saw the construction of foundations within the rail terminal at Mossend for a new weighbridge and for silos to store Castle cement. The scope included a large area of concrete hardstanding, lighting, drainage, CCTV and perimeter security fencing designed to comply with stringent Channel Tunnel Rail Link (CTRL) specifications.

The 14 bases were supported on 136 piles, driven through fused slag to rockhead in a confined area immediately adjacent to live rail lines. The new concrete hardstanding and access road were constructed with both formed dowelled joints and induced tied joints in a traditional 'hit & miss' sequence. Excavated material was separated, graded and crushed to be re-used as a suitable capping material below the new hardstanding.



The hardstanding and the weighbridge area were drained by a Decathlon system and a separate bespoke network was installed to permit the weighbridge cells to drain independently. The new drainage system incorporates a fully automated petrol interceptor and a Biodisc macerator to treat the foul water before discharge.



The scheme required the advance construction of a temporary hardstanding and security fence to allow relocation of vehicles to allow the new permanent project to begin. In addition, an existing access road through the site was diverted.

Our site management team engaged in close and continuous liaison with the Client to ensure that the daily working routine of the railhead was not disrupted at any stage.