



Toureen Group 

PROJECT PROFILE

HOPE  
CONCRETE





## HOPE CONCRETE DAGENHAM, LONDON

Toureen Group was appointed by Hope Construction Materials to construct a large bulk cement storage facility in Dagenham, next to Dagenham Dock Station. The location of one entrance, next to the main line rail, created the perfect solution to transport cement produced in Derbyshire to the new depot in Dagenham for bagging. The building was to be used to house a state-of-the-art distribution and packing warehouse handling 40,000 tonnes per year of their own high performance cement, concrete, aggregates and asphalt products.

The location of the site posed a significant challenge during the project as all works were carried out within just three metres of a Network Rail line serving HS1 and local services to Essex.







Six, 3,000 tonne storage cells were constructed using complex steel frames and raft slabs for the bulk store and a portal frame for the 2,950m<sup>2</sup> bagging warehouse, with 700 pre-cast concrete units being installed to form the cement store cells. Piling works took place with the installation of 1,500 fully reinforced pre-cast driven concrete piles, installed to depths of 9m using two hydraulic drop-hammer piling rigs.

Further works included the installation of all doors, perimeter fencing and multi-level walkways, allowing three levels of access to all equipment. A full internal fit-out was requested by the client, including the fitting of the internal pipework distribution. Cladding was applied to the external roof and walls and the construction of a link building was carried out to incorporate an energy centre for controlling site operations and facilities. Enabling works were also required for pre-fabricated office facilities and the construction of a new depot entrance.

The installation of a deep drainage and attenuation tank system ensured that requisite site-wide drainage services were implemented correctly. 8,000m<sup>2</sup> of external concrete hard standings were constructed and the implementation of infrastructure for services enabled Toureen Group FORS Gold tipper lorries access to the site ensuring programme efficiencies.



**CLIENTS**  
**HOPE CONSTRUCTION**  
**MATERIALS**



**DURATION**  
**28 WEEKS**



**DATE OF COMPLETION**  
**APRIL 2016**



**CONTRACT VALUE**  
**£6.8 MILLION**







The project was finished on time and on budget, leaving a satisfied client who commented as follows ...

*"I have worked with a number of contractors building similar depots and I have to say that Toureen are the best to date, not only were the site management teams easy to work with, but everyone from the labourers to the Project Manager were helpful and understanding of our requirements.*

*I would definitely use them again."*





# Toureen Group

Solving complex challenges since 1992



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