

Commercial

Tower Gateway

As part of the Tower Gateway Development Framework and Investment Strategy, a proposal for regenerating the whole Tower Gateway area, Peter Dann Limited were appointed to provide structural services for the design of a new external passenger staircase at Tower Gateway Docklands Light Railway station.

Peter Dann Limited's role was to design foundations, staircase support structure, staircase, balustrade, canopy, lintels for openings in gabion wall, foundations to gabion wall and external works. The project also involved the demolition of the existing external passenger staircase.

The stair structure is curved, on plan, running from ground level at the foot of the stair to platform level at the head of the stair. It is formed from PFC stair stringers spanning between framed landings units. A canopy covers the upper third of the stair structure, emerging from beneath the existing platform. The canopy is formed from RSA sections back to back, springing up from the stair stringers. The sides of the canopy are clad in a stainless steel mesh, whilst the roof is glazed.

