

PLUMSTEAD FIRE STATION

LONDON FIRE BRIGADE

NEW EXTENSION & DRILL TOWER

Frankham Consultancy Group are appointed by London Fire Brigade on Plumstead Fire Station, a Grade II listed building located on the corner of Lakedale Road and Plumstead high street and operational 24/7.

The project involves the construction of a new appliance bay to the side of the existing fire station and a new three-storey drill tower at the rear of the site. Long term issues were identified during operation and formed the basis of the design solution, which was designed in accordance with BREEAM (very good).

The layout features a side access route to the side of the new extension, allowing vehicles to travel to the rear yard and turn back into the new appliance bay without the requirement for reversing. Currently emergency vehicles returning to the fire station have to back into the existing appliance bay. This requires firefighters to alight the vehicle and halt traffic on the existing busy crossroads to Plumstead High Street.

The extension is a two-storey extension with a flat roof with a new link building to the existing. To improve energy efficiency, air source heat pumps and photo voltaic panels will be incorporated. In addition, new facilities include a new kitchen canteen, tv & lecture room, watch managers office and restroom. New facilities to the link building include a new watch room to ground floor and first aid/equalities room at first floor level.

The link building has an additional floor which provides a link though to the existing fire station. Various remodelling of the existing fire station included introduction of a new community room within the existing appliance bay, relocation of the existing gymnasium, refurbishment of existing rest rooms at first and second floors.

Weekly update meetings with the London Fire Brigade Project Manager have ensured lines of communication are maintained with up-to-date information and risks to the project.

The station needs to remain operational during the works so the programme will be split into four phases. Planning, phasing and co-ordination of the works is vital to minimise impact on daily operations of the fire station.



FRANKHAM

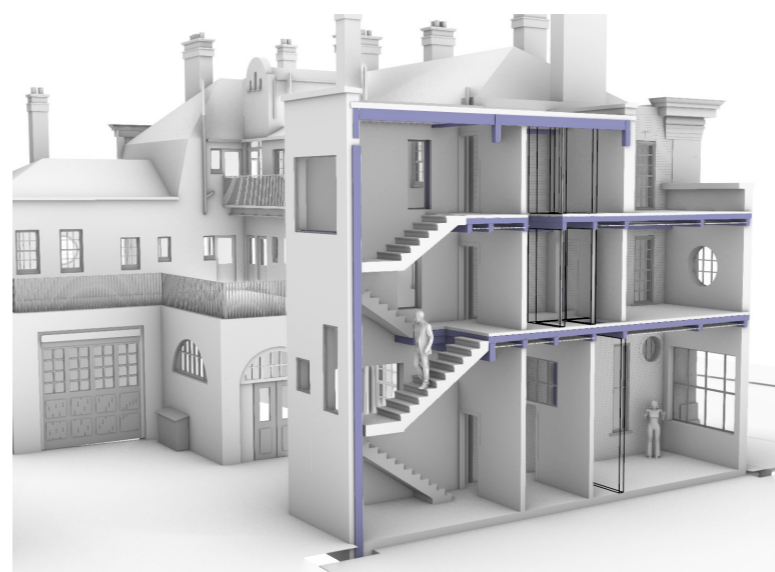
Client:
London Fire Brigade

Sector:
Emergency Services

Services:
BREEM
Building Surveying
Mechanical & Electrical
Principal Designer
Project Management
Quantity Surveyor
Structural Engineering
Sustainability
Topographical

Contract Value:
£4.6m

Project Dates:
26/07/2021 - 07/11/2022



CASE STUDY

BRINGING IDEAS TO LIFE