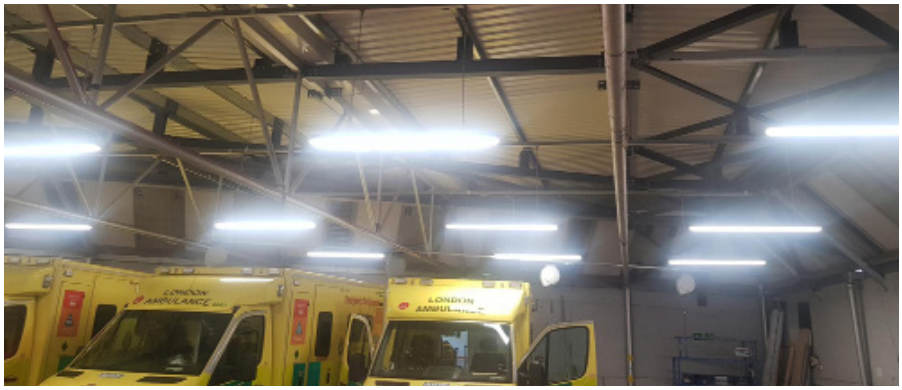
Ambulance Station, London

Healthcare / Commercial / Refurbishment

Key Features:

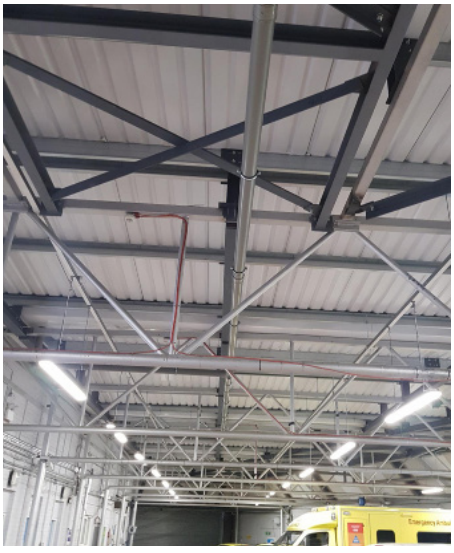
- Replacement of existing roof
- Extension to create additional office space
- Delivered in a 'live' ambulance station



Safely managed within a fully operational ambulance station, we replaced the existing Reinforced Autoclaved Aerated Concrete (RAAC) planks roof due to the system beginning to fail. This involved:

- Installation of a crash deck.
- Careful removal of the existing RAAC.
- Coordination of local remedial repairs to the existing roof frame.
- Reinforcement of the roof frame with new structural steelwork.
- Installation of Kingspan insulated roof panels.
- Formation of valleys and guttering as per the approved design.
- Installation of the new fall restraint man-safe system.

In addition to the roof replacement, we constructed a blockwork internal side extension to the existing ambulance team's office space. Works involved the removal of an existing window and door, as well as demolition of an internal brick wall into the new area. We then created a new door opening into the adjacent office space, installing new flooring and decorations to provide a welcoming, flexible and efficient new office space.



Delivering Safely in an Emergency Response Environment

The building and garage space was used by the client to park Ambulances while crews rested and shifts swapped over. Through an approach developed with ambulance teams' feedback, we created safety buffer zones between construction teams and ambulance staff to ensure wellbeing and minimal disruption. Another example of our safety ingenuity was the erection of a birdcage scaffold to provide protection to the ambulances and crew while we removed the roof and rebuilt it.

Complicating delivery of the works was the neighbouring land that the client could not agree access through. To mitigate this, we proposed a design change to the scaffolding package which allowed the safe completion of the mansard perimeter without any external scaffold to work off.

Client:	Emergency Service Provider (London)
Project Value:	£700,000
Programme Duration:	33 weeks
Architect:	Floyd Slaski Architects
Quantity Surveyor:	Currie & Brown