

Terminal 4 Heathrow Airport, London

John F Hunt



BAA and Taylor Woodrow



£1.8m

Project Overview

As part of the refurbishment and extension at Heathrow Airport, it was proposed to dismantle the existing departure level concourse canopy above Terminal 4.

The demolition location was over one of the main entrances to the airport terminal.



Challenges

The existing canopy roof construction was 50mm thick slabs with high density foam insulation, mastic asphalt waterproofing and concrete Holorib type slab.

Due to the site location being above the entrance to the airport terminal, demolition could only safely be undertaken at night. It was therefore critical to the operation and logistics of the Terminal, that at the end of each shift the area was left in a clean, safe and tidy condition.

A glazed building sat at the end of the canopy which was directly below our works, therefore scaffold towers were erected over the structure to protect it from any falling debris.

The roof slabs were progressively removed and placed on pallets, with the same procedure carried out for the demolition, allowing the entire canopy and roof structure to be removed following the hot cutting of the metal support structure.



Achievements

The works were carried out with minimal disruption to the public, completed on time and within budget.