

# De-Construction Enabling Works



## Client – Multibuild (Balfour Beatty)

### Project – Structural alterations, strip out and enabling works

This project, for Whitbread PLC's new Premier Inn at Hanger Lane Acton, involved extensive structural works to be carried out following the initial strip out of the building. KpH carried out the formation of an atrium throughout the building, in addition to other essential works as detailed below:

#### The scope of works included:

- An atrium of 100m<sup>2</sup> was formed within each of the 300mm concrete floor slabs of the building, using hydraulic crushing equipment and breakers to ensure a clean break was achieved
- Crash decks were erected plus a debris chute to allow for the safe removal of rubble and concrete
- Structural engineers consented to a 3-tonne excavator with breaker being craned onto the roof, to assist with the removal of the heavily engineered roof
- A MWEF was used to assist with the removal of the building's double glazed windows units and block work fascias
- Two hydraulic lift systems were removed, which included extensive hot works techniques
- The window cleaning track equipment and plinths were dismantled and removed from roof areas
- The second roof contained asphalt, insulation and a 300mm screed, these were removed back to the core concrete roof slab