



De-Construction & Enabling Works

KpH Environmental has a wealth of experience in interior soft strip, strip out, demolition and enabling works, associated with the safe and environmentally sound preparation of buildings prior to commercial redevelopment or refurbishment.

Working alongside major developers, planning consultants and main contractors, and benefiting from a suite of specialist skills, KpH offers a quality strip out service, providing a comprehensive solution.

The Environmental sustainability of waste is taken very seriously at KpH. In accordance with good environmental practice and in line with current legislation, construction waste is segregated and recycled, whilst

hazardous materials are disposed of under controlled conditions. Site-Specific Waste Management Plans (SWMP) are prepared, providing detailed documentation for disposal of construction waste on major projects.

KpH sets itself apart from traditional demolition contractors by having the necessary expertise and skills to decommission the most demanding elements of any project, in a range of challenging environments.





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KpH offers a complete interior strip out, enabling works and demolition package, comprising of the following services:

- Structural demolition and dismantling
- Removal of furniture and fittings
- Removal of carpets, tiles, wall linings and finishes
- Dismantling and removal of doors, frames, cupboards and storage
- Dismantling and removal of walls, suspended ceilings and partitions
- Decommissioning and removal of heating and ventilation systems
- Removal of heavy plant and specialist equipment from roof tops and basements
- Removal of basement fuel storage tanks, boilers, flues and generators
- Removal of electrical, data and telephone services
- Confined space works for basements and risers, etc
- Removal of exterior glazing
- Concrete cutting/sawing
- Robotic demolition techniques
- Effective management and recycling of waste materials under SWMP
- Material segregation to encourage maximum recycling
- Hazardous waste disposal, i.e. CCF refrigerant, transformer PCBs, fluorescent and sodium tubes, UPS batteries
- Asbestos surveying, reporting, removal and disposal
- Preparation and implementation of health and safety plans and CDM regulations
- Full documentation and closure reports

Case Study.1

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:

- An atrium of 100m² 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 MWEP 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

Case Study.2

Client - Halcrow
Project - M&E dismantling, strip out and enabling works

KpH stripped out EMI Records' former premises in Hammersmith back to the fabric of the building. Extensive rooftop electrical and mechanical plant had to be removed from the roof via a 200-tonne rated crane. Internal waste from the strip out was removed via an external 2.5-tonne scaffold hoist.

The scope of works included:

- Extensive site setup, including the isolation of the gas, water, sprinkler systems and electrical supplies
- Internal soft strip out of fixtures, fittings, floor coverings and suspended ceilings
- Demolition, dismantling and removal of 1,800m² of non-load bearing walls, including glass and stud partitions
- Dismantling and removal of services including electrical and data cables, to each of the seven floors
- Dismantling and removal of the air conditioning system, including all units and ducting
- Dismantling and removal of rooftop plant, boilers, AHUs and cooling tower equipment via a 200-tonne rated crane
- Safe extraction of redundant services within risers
- Disposal of all waste in accordance with the Site Waste Management Plan