

### Existing Structure & Location:

67, Scrutton Street was a three story reinforced concrete, brick clad unassuming structure on the corner of Curtain Road, East London. The project was soon to be the location of a new boutique hotel.

### Scope of Works:

#### Demolition:

- Removal of existing asbestos materials.
- Liaise with party wall surveyors & Local Authority.
- Design and install temporary works to the party wall and basement retaining walls.
- Demolition of the existing three storey former office building down to the underside of the existing single basement slab.
- Pile probing together with the formation of guide walls to the perimeter of the site in preparation of the secant piled wall.
- Backfilling of the existing basement with crushed demolition arisings to form a piling platform.
- Installation of a noise and vibration monitoring regime.

#### Piling Works:

- Formation of the guide wall ready to accept the secant piled wall construction.
- Provide access for the piling rigs and associated plant including a swept path analysis for vehicle movements.
- The procurement of the piling contractor.
- The design and installation of 150 linear meters of 600mm diameter secant piled wall to the perimeter of the site.

- Installation of perimeter temporary works to retain the secant piled wall.
- Noise and vibration monitors strategically placed to record and monitor resultant noise and vibration generated during the works
- Specific forms of non percussive demolition techniques implemented to reduce noise and vibration. These included, the use of hydraulic cracker attachments to demolition plant, saw cutting to isolate the structure adjacent to the party wall and the use of temporary acoustic blankets to sensitive areas.
- Due to the sensitive location of the site and the position of the surrounding residential buildings, care was taken to liaise and hold discussions with the local community regarding the works to be carried out and to highlight potential disruptive issues.

### Conclusion / Key Achievements:

- One of John F Hunt's first piling projects.
- The successful completion of the project with a very restricted site located within a sensitive residential area.



**Client:** Gansevoort Hotel Group

**Cost Consultants:** E C Harris

**Principal Contractor:** John F Hunt Limited

**Value:** £ 2,550,000 **Duration:** 52 Weeks