Mahatma Gandhi House

London



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Pecavoid® ground heave solution & Egcobox® thermal breaks were supplied to this purpose-built, mixed-use development.

Mahatma Gandhi House is situated on Wembley Hill Road, near to Wembley Stadium, and comprises a purpose built, multi-storey residential dwelling, constructed of brick and glazed elevations around a steel concrete frame providing approximately 43,000ft² of office space.

The Wembley area has undergone significant redevelopment in recent years and is now one of the largest regeneration projects in the UK. Demolition of the existing office building and redevelopment of the site took place to provide 10 and 21 storey buildings from podium level with 1,546m² of floorspace and 139m² of flexible floorspace on the ground floor and 202 residential units above with car parking, communal and private amenity space, public realm improvements and landscaping - along with other associated areas.

This project used a variety of Thermal breaks from level 2 to 20. The types of balconies within this project included cantilever, three sided and fully supported by external columns. The geometry of the balconies varied and even though one type of balcony was supported by external columns the Engineer requested that this should not be taken into account and requested special units to be supplied. As the cantilever span was reasonably high analysis indicated high shear loads at the connection points. The special units were therefore manufactured, supplied and installed to solve the problem that occurred.

"We chose your product mainly because we have a good and long relationship, we've been using you guys for numerous projects and you been quick and helpful with design, supplying materials on

Type of building:

Clients and Developers:
Client: Peabody Developments Ltd.
Developer: London North Properties Ltd.

Architect:
Delta Architects Ltd.

Engineers/ Specialist Planners:
Malachy Walsh & Partners

Industry:

Building contractor:
Main Contractor: Formation Design & Build Ltd.
Groundworks/Frame Contractor: 4D Structures

Completion:
2019

Project link:
https://www.london.gov.uk/what-we-do/planning/planning-applications-and-decisions/planning-application-search/mahatma-gandhi-house

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requested dates and reasonable prices".

Aidas Baranauskas - 4D Structures.

The development will provide new retail uses and public realm improvements to the area, with active frontages that are accessible from both Wembley Hill Road and South Way. The site is located within a cluster of existing and consented tall buildings and falls within the pe-rimeter of three areas identified in the Wembley Area Action Plan.

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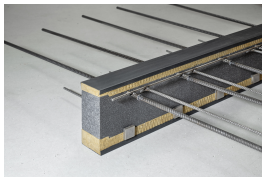
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Products used:



Ground heave solution Pecavoid®



Thermal break balcony connector Egcobox®



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