

Botanic House, Cambridge



Location

Hills Road, Cambridge, CB2

Scope of Works

- Bulk Excavation
- Drainage
- Basement Construction
- Waterproof Concrete
- Retaining Walls
- RC Frame to 7 Stories
- External Works

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The scope of our works began with the attendance to the piling contractor and subsequent bulk excavation of the single storey basement construction.

Utilising our own in house plant the 6,500m³ excavation in a busy Cambridge location was carried out both quickly and efficiently.

The single storey basement was formed and waterproofed using an additive within the reinforced concrete basement slab and walls.

The elliptical shaped traditionally reinforced concrete frame is being constructed using the PERI sky-deck false-work/formwork system and PERI Trio to the vertical elements. With a footprint of circa 700m² the floors are being formed in 2 pours with a cycle time of 9 days being achieved.

Knight Build are using proprietary panels for edge protection to prevent objects falling from the building.

Using the SMARTWaste tracking system the project is on target to achieve the required BREAM rating of good.



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