



TECHNOCRATES CONSTRUCTION LIMITED
UXBRIDGE, LONDON



ATTAR HOUSE

179-Ilderton Road, SE16 3LA

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PROJECT FACTS

Job No: TCL-1261

Project Name: Attar House

Client: UK Building Construction Ltd.

Location: Bermondsey, SE16, London

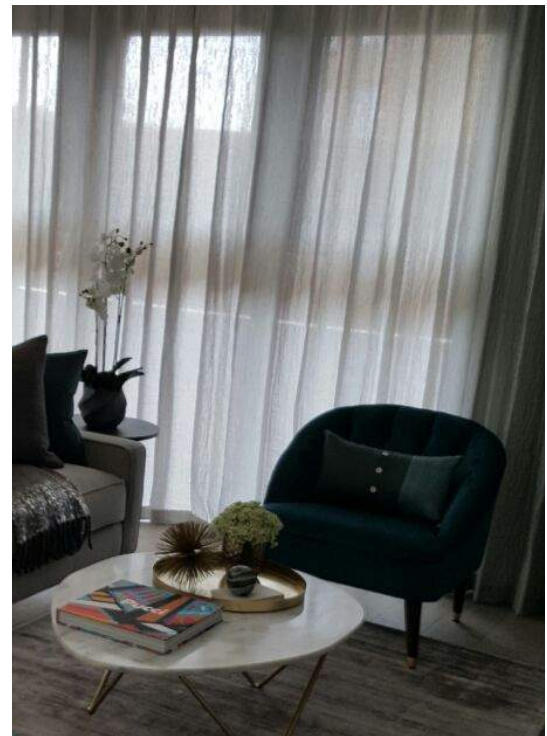
Project Type: New Build-05

No. of Units: 09 Residential Units + 02 Commercial

Contract Value: £ 1.80 Million

Contract Type: JCT Intermediate Contract

Duration: 16 Months





PROJECT BRIEF

Attar House is an erection of a 4 storey (plus lower ground floor) building to provide x 2 business units (B1), 9 residential flats, cycle spaces, 3 car parking spaces, bin storage and associated landscaping.

This project was in the proximity of a primary school and Network Rail.

For the ground works granular pile mat was laid and 57 Nr 300 mm diameter cast-in-situ piles drilled. Ground floor slab and lift shaft was poured using RC 40 concrete and high yield steel as per foundation drawings.

In situ concrete frame; columns, beams, reinforcement along with structural steel frame was used in the superstructure. Suspended concrete floor slab 250 mm thick used in ground floor whereas, Pre-Cast Concrete hollow core floor slabs 150 mm thick in rest of the subfloors. External cavity walls were built up with Bricks and blocks.

Suspended concrete planks to roof slab 150mm thick were used and waterproofing was done using single-layer polymeric sheet roof coverings. 100mm Loam/ Soil for green plants were also installed and a clean graded gravel border was laid on top. Solar panels were also fixed structurally with the roof as per design by the sub-contractor.

PROJECT TEAM

Client:

UK Building Construction Ltd.

Principal Contractor:

Technocrates Construction Limited (TCL)

Project Manager:

Mr Faruk Ahammed (TCL)

Architect & Principal Designer

Apex Architecture Consultancy Ltd

Structural Engineer:

Contractors Design Services Ltd.

PROJECT PICTURES



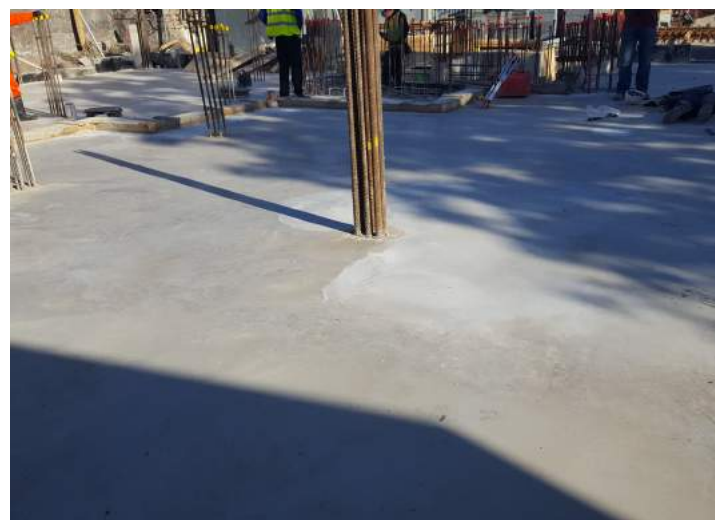
Demolition of Existing Building



Pilling



Pile Caps



RCC Lower Ground Floor Slab



RCC Ground Floor Slab



RCC Columns



Structural Steel Framework



Composite Steel and concrete Structure



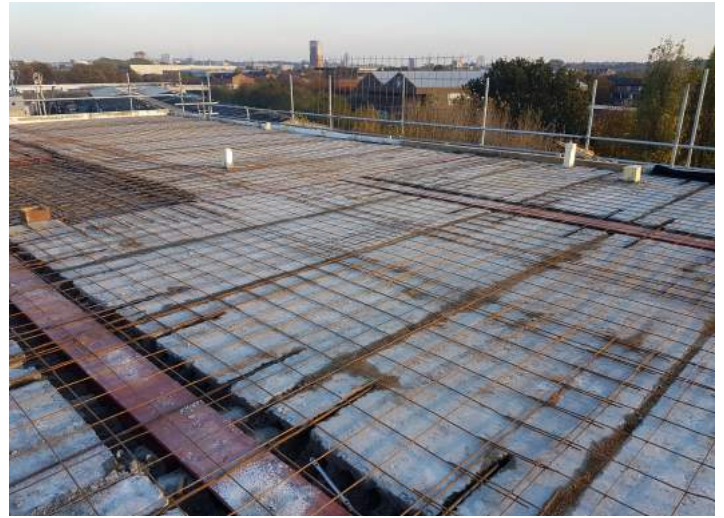
Sub floor- Precast Concrete Planks



External Brick Work



External Cavity Wall



Roof Structure



Roof Waterproofing



Green Roof and PV Panels



Kitchen Installation



Bath Tiles



Finished Kitchen



Finished Bathroom



Finished Bedroom



Finished Living Room



Steel Balustrade to Stairs



Front Elevation



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