

SALFORD A2 CAR PARK

Maple help bring architect's hexagon vision to reality

LOCATION

Stanley Street, Salford

PROJECT

Architectural façade for multi-storey car park

DATE

December 2018

CONTRACTORS

Morgan Sindall

ARCHITECTS

AHR

DESIGN

- Individual 'kite-shaped' aluminium panels cloak building in striking 3D hexagons
- Designed to protect neighbouring apartments from light pollution from car headlights – without using solid panels
- Close collaboration between client, architects and Maple technical design team from Day One
- Samples created, reviewed and refined in prototype area of Maple factory

MANUFACTURE

- Value engineering improved design and reduced manufacturing cost
- Façade made up of 2,023 identical triangular panels – avoiding complex manufacture of multiple components
- Early collaboration with steel framework contractors – no expensive and time-consuming redesign
- Exact powder-coating colour sourced to match architect's specification

INSTALLATION

- Custom-made hexagonal fixing 'nodes' fix five kite-shaped panels at central point
- Modular design for efficient installation – without losing dynamic effect of 3D hexagons
- Water flow assessment – drainage holes created in panels

VERDICT

“Our design was a big ask. But over a series of workshops and meetings with Maple, we turned what could have been a very complicated job into a simple bespoke system. I'm looking forward to working on other projects with them in the future.”

Dan Barnes, Architect, AHR

DID YOU KNOW?

The design was inspired by an Abu Dhabi skyscraper, visualised with folded paper on the architect's desk, and brought to life in the prototype area of Maple's factory.

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MAPLE

