



THE FUTURE OF  
PARKING IS MODULAR  
**GO GREEN**



# WHY GO GREEN?

Why are you sticking to conventional and traditional car park construction methods? When there is an eco-friendly, fast and efficient alternative... it just does not make sense, the question really is... why not?

## THE ECO-FRIENDLY FACTS



H&A MODULAR BUILD

*only* **3,012** KG  
of Co2 used to produce one car park space.

COMPARED TO A TRADITIONAL BUILD



**10,470** KG  
of Co2 used to produce one car park space.

# THE BENEFITS OF GOING GREEN

Health & Safety risks minimised

MAINTENANCE COST IMPROVED

*minimal noise*

NOT WEATHER RELIANT WHEN BUILDING

Limited loss of current parking whilst building

**80% IMPROVEMENT ON BUILD TIME**

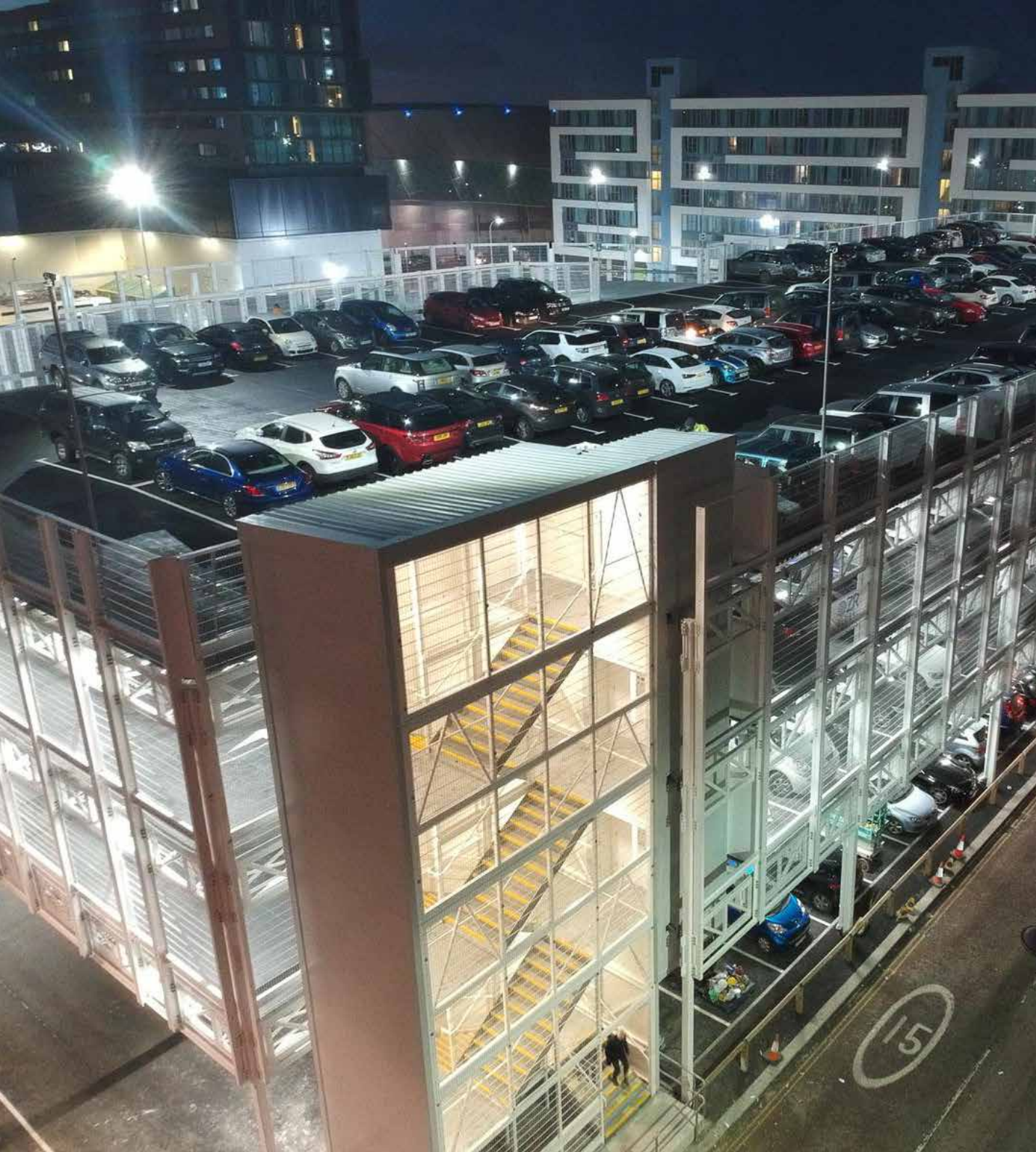
IMPROVED COST BASE

*deliveries - "just in time"*

Quality improved and factory controlled

**ECOLOGY IMPACT MINIMISED**

*non-intrusive build process*




A solution for Liverpool City Council, completed within 18 weeks from breaking ground.

The solution is fully relocatable, and our client has the option to relocate the infrastructure to another site.

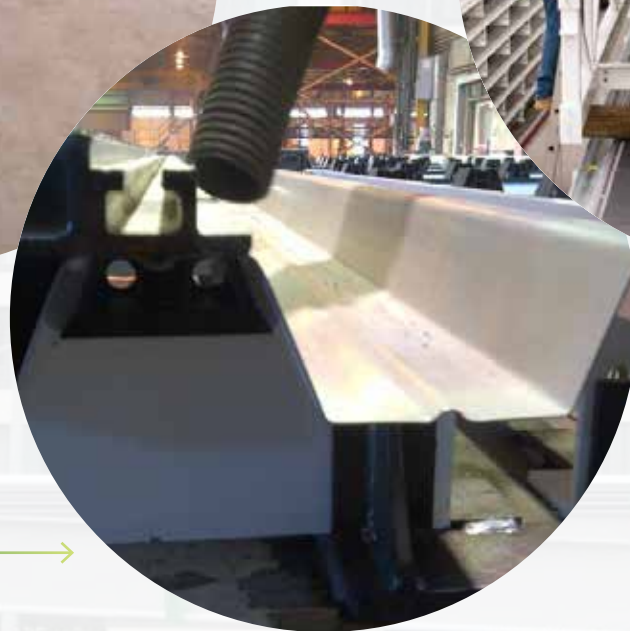
# HOW WE ARE GREEN

Typically a modular car park is factory manufactured, transported to site and is assembled quickly and safely onto pre-prepared foundations.

- 1** The client employs a Design & Build contractor to prepare the site to receive a component built car park and assist the car park specialist to assemble
  - 2** Modular components are delivered on a “just in time” basis direct from the factory
  - 3** The contractor will prepare the site over a period of weekends with minimal disruption, whilst the modular components are factory manufactured over a 16 week period
  - 4** Due to the build process, the clients car park remains open & used by its staff for 15 weeks whilst the car park is being built
  - 5** Factory controlled for quality standards
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## STEP 1

GRP panels manufactured with integral fixing channel. Factory applied silicon wearing course bonded to panel with resin.



## STEP 2

GRP panel bonded to steel profile sheet. All carried out in factory controlled conditions.

## STEP 3

Steel trusses welded together with integral GRP road surface brought to site on trailers. Complete cassette lifted off the trailer and fixed directly to columns previously bolted to foundation.



## STEP 4

Completed car park view from underside.

# TRADITIONAL

Health & Safety Risk	HIGH
Maintenance Costs	HIGH
Noise Impact	HIGH
Loss of Parking	HIGH
Weather Reliant - Loss	HIGH
High Delivery Schedule	HIGH
Cost Uncertainty	HIGH
Quality Issues	HIGH
Ecological Impact	HIGH
Disruption	HIGH

VS

# MODULAR

Health & Safety Risk	LOW
Maintenance Costs	LOW
Noise Impact	LOW
Loss of Parking	LOW
Weather Reliant - Loss	LOW
High Delivery Schedule	LOW
Cost Uncertainty	LOW
Quality Issues	LOW
Ecological Impact	LOW
Disruption	LOW



