

# **ALLHALLOWS MSCP BEDFORD, England**

**European Parking Awards 2015**

**CATEGORY 2: RENOVATED PROJECTS**

# Scope of Works:

- ✓ Concrete Repair & Protection
- ✓ Corrosion Management
- ✓ Structural Upgrading of Concrete
- ✓ Deck Waterproofing
- ✓ Revised Traffic Layout & Signage
- ✓ Directional Arrows & Linemarking
- ✓ Canopy Cantilever re-Waterproofing
- ✓ Main Access Ramp re-Waterproofing
- ✓ New Dedicated Disabled Lift
- ✓ Re-designated Disabled Parking Areas



# MAKERS



- ✓ Movement Joint re-Waterproofing
- ✓ External Re-Rendering
- ✓ External Cladding & Fenestration
- ✓ New Solar Power Generation Station
- ✓ Security Kiosk Relocation
- ✓ Installation of CCTV
- ✓ New Energy Saving Light Installation
- ✓ New Security Grilles
- ✓ Stairwell Refurbishment
- ✓ Lift Lobby Areas Upgrade

# MAKERS



The drab & tired  
1960's exterior  
transforms in to ...

... a vibrant and  
modern parking  
structure fit for  
the 21<sup>st</sup> century.







Allhallows now provides safe & welcoming parking to the Bedford Gateway.

# The History of Allhallows, Bedford

**MAKERS**



THE NEW ALLHALLOWS IN 1962

The car park is an in-situ, flat slab reinforced concrete construction made up of 7 split-level suspended reinforced concrete decks with inclined ramps allowing circulation from one deck to another. Circular in-situ reinforced concrete columns support the decks.

External access ramps are also reinforced concrete.

Allhallows was constructed in two distinct periods: The first part (East) – including the main stair core – was constructed in 1960; the second part of the structure (West) was built c. 1962. Both parts of the structure are separated by a 25mm movement joint.

The structure is approximately 94m long by 32m wide with 600 parking spaces. The main access stairs & lifts are at the front of the car park facing on to the bus station. Access stairs are also located at the two rear corners of the building. The car park is built over the top of Retail Premises.



# Dedicated Disabled Lift & Parking

**MAKERS**

- New disabled parking area created on 1<sup>st</sup> floor (at top of a perpendicular ramp which is now used solely for disabled vehicles only. The area was chosen as it was a “dead” area in relation to traffic flow. Previous provision was on levels 2 and 4 next to the main stair core.



- A new dedicated disabled lift was created on the ground floor which travels up specifically to the first floor only and is solely dedicated to Disabled users. For additional security the lift is locked at night and protected with roller shutters.



# The Internal Transformation

**MAKERS**



← Before

After →





# Stairwells & Customer Lifts:

**MAKERS**



- Stairwells & Landings refurbished throughout to improve customer experience

- Decorated throughout
- New slip-resistant flooring to stairs & landings
- New & clear signage
- New lighting & CCTV
- New fenestration





# The Internal Transformation

**MAKERS**



- P.I.R-activated lighting
- New, clear signage & instructions

- Clearly defined drive & parking aisles with walkways have improved safety.



- Colour-coded levels with corresponding colour co-ordinated doors.



Two original circulation routes have now been simplified to one making the car park safer and easier to navigate with new signage.

# Solar Power Generation

**MAKERS**



48MW power station generates  
the car park's own electricity ...

Renovated Project - Allhallows Car Park, Bedford 2014