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**LOCATION**

STRATFORD CITY, EAST LONDON

**DESCRIPTION**

MULTI-STOREY CAR PARKS FOR SHOPPING MALL

**CLIENT**

WESTFIELD

**ARCHITECTS**

BUCHAN GROUP INTERNATIONAL

**MAIN CONTRACTOR**

SECURE PARKING

**INSTALLED BY**

BERRY SYSTEMS

**SYNOPSIS**

Vehicle and pedestrian safety barriers for edge protection on perimeters, ramps and other areas in three multi-storey car parks at new shopping mall adjacent to the London Olympic Park.





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## SAFE PARKING AT WESTFIELD STRATFORD

Berry Systems installed one of their largest ever car park safety barrier projects at Westfield Stratford City with over 7 kilometres of Berry Beam barrier, all mounted on Berry's impact absorbing spring steel buffers.

The £1.5bn Westfield Stratford City complex covers an area of 1.9 square miles and houses 300 retail outlets, 70 food outlets, 3 hotels, a multiplex cinema, bowling alley

and casino. It also has 5000 parking spaces across 2 integral and 1 adjacent multi-storey car parks. They have achieved the Safer Parking Scheme Park Mark status and aim to provide an excellent parking experience with innovative systems such as their Findmycar phone app and red/green LED indicators on each parking bay.

With that attention to detail it's not surprising



recommendations of the Institution of Structural Engineers (ISE) and the Institute of Civil Engineers (ICE).

All the ramps in the two overground car parks have Berry Beam barriers many of them curved to match the varying radius of the ramps. On tighter bends and at the ramps exits chevron signs have been mounted directly to the barriers to give drivers a visual warning. The smaller, underground car park is on two levels with concrete ramp barriers. However the ramp returns and split level areas are all protected by Berry Barriers mounted on RB1X spring steel buffers with handrail extensions and anti-climb mesh.

that the safety barriers were very carefully specified by architects Buchan Group International. The car park structures are metal framed with concrete decks with an exterior expanded metal mesh surround and cladding. All floors have Berry safety beams mounted on their RB1X and GH spring steel buffers to provide full perimeter protection to BS 6399 and BS6180 as well as meeting the latest



THE LOOK YOU WANT  
 THE PROTECTION YOU NEED

### SPECIFICATION

- 2 km Berry Beam mounted on RB1X spring steel buffers for perimeters of main multi-storey car parks.
- 2.5 km of Berry Beam mounted on RB1X spring steel buffers for ramp protection, curved where necessary.
- 3 km of Berry Beam mounted on GH spring steel buffers for perimeters of John Lewis car park.
- 3 km of handrails mounted directly to spring steel buffers and incorporating integral anti-climb mesh.

A member of the Hill & Smith  
 Infrastructure Products Group

