

STEAMPIPE BRIDGE

CHP Services Bridge

client **University of Birmingham**

architect **MJP Architects**

cost **£750,000** area **120 m²**

campus-wide energy strategy

University landmark

maintenance-free cladding

A 60m-long bridge clad in elegant stainless steel panels is a key element in a major project to extend the University's Combined Heat and Power network across a busy railway and canal. The CHP network is essential to the University's sustainable energy strategy. The bridge encloses steam mains and provides safe access for maintenance above the railway.

The bridge is located in a prominent position at the entrance to the campus and is the first thing that you see when leaving the station. Its striking tubular design with sinuous ventilation slots provides a landmark for the University.

The curved, laser cut, Grade 316 stainless steel cladding has been designed for extended life with zero cleaning and maintenance. The steel is 2k finished to achieve a surface roughness of less than 0.5 micrometres – meaning it has very small crevices, which don't attract dirt.

