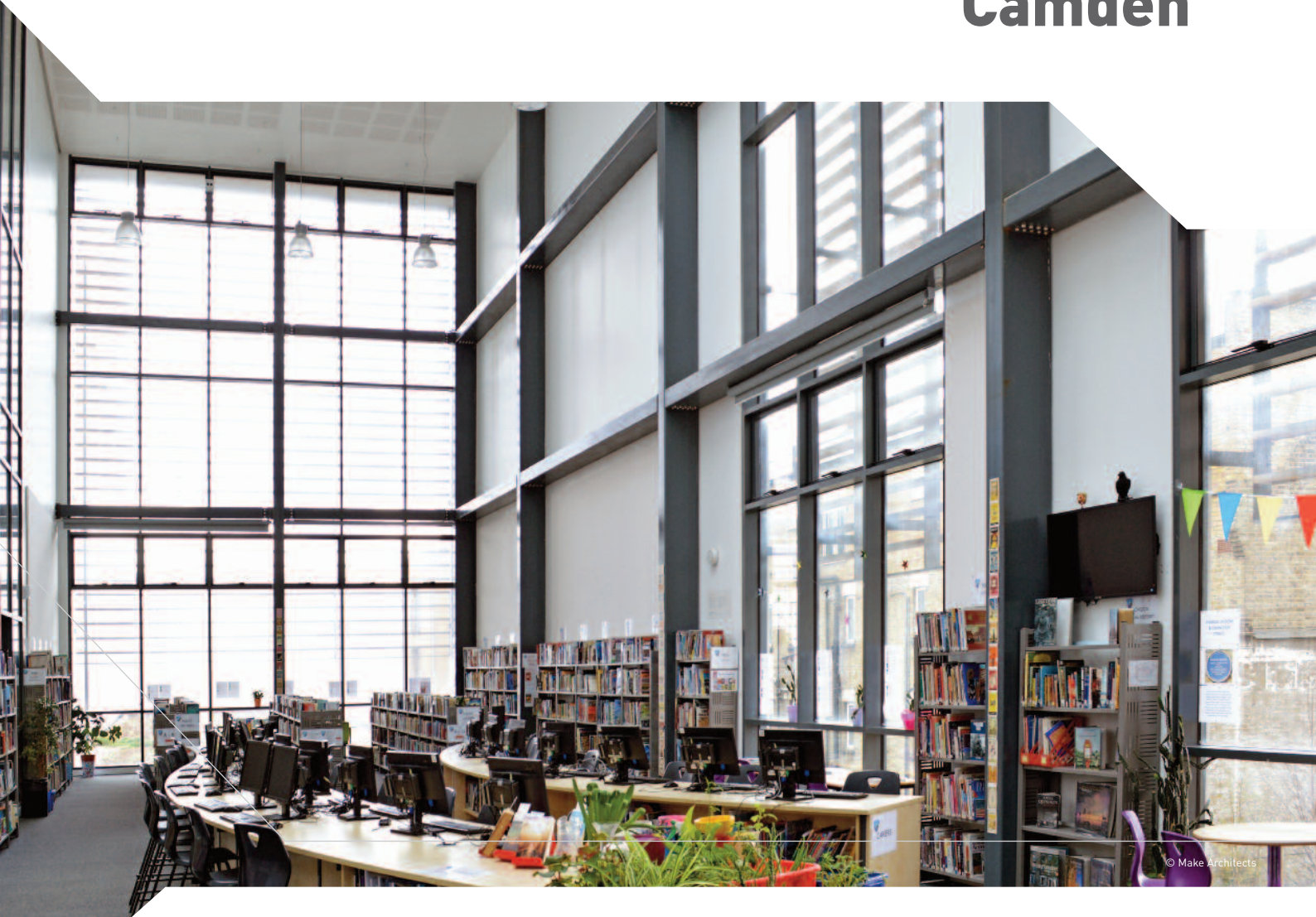


# Regent High School Camden



**GLASSOLUTIONS played a pivotal role in the design and installation of a striking glazed façade for a new development at Regent High School in Camden, northwest London.**

With the aim of providing a world-class learning environment in which its 1,300 students can continue to excel, Regent High School appointed main contractor BAM Construction to create an extensive new addition to its existing campus.

Designed by Walters & Cohen Architects and fusing the school's original Victorian buildings with modern 21st century facilities, the new

development includes a new sports hall and youth centre as well as the three-storey Regent Theatre. Regent High School intended for the facilities to be open to the local community, acting as a catalyst for regenerating adjacent areas on the development area's northern edge.

Continuing its long association with BAM, GLASSOLUTIONS was responsible for the design, manufacture and installation of

all the glazed elements of the building envelope. Energy efficiency was a key element of the brief: Regent High School's highly sustainable design, including 'green' features such as a ground source heat pump system and a waste minimisation strategy, extended to ensuring that the glazing would secure excellent air tightness ratings and maximise thermal efficiency within the building.

## Regent High School Camden

Client: Regent High School/BAM Construction  
Main contractor: BAM Construction  
Architect: Walters & Cohen Architects  
Project type: School refurbishment/new build  
Completed: April 2015

To create the building's façade, GLASSOLUTIONS installed Technal MX curtain walling, offering enhanced thermal performance and featuring a flush glass fitting to create consistent sightlines and visual consistency. Technal FX165 windows were fitted to the system: with a 19mm flush polyamide thermal break and innovative gasket detailing, these offer enhanced thermal performance, allowing Regent High School to heat up more quickly, stay warmer longer and cost less to run.

KME ceramic rain-screen cladding and Siberian larch timber rain-screen completed the installation. Lightweight, durable and with large spanning capabilities, the combination is ideal for the school's sizeable façade; additionally, the environmentally-friendly nature of Siberian larch fulfilled the stringent sustainability standards of the project's brief.

The installation project was managed by GLASSOLUTIONS' Advanced Facades team: with a strong track record in glazing solutions for major public building projects of this kind, the firm's specialist installers were the perfect choice to complete the contract.

Regent High School's new campus addition was opened in April 2015 by Nobel Prize-winning scientist Professor John O'Keefe. The development received a great deal of positive feedback from the community: Rosemary Leeke, Headteacher of Regent High School, said: "I am immensely proud to be celebrating the completion of the project to refurbish and rebuild Regent High School. It has been a significant undertaking, and I would



like to thank all those involved from a multitude of organisations for creating a stimulating new school for our aspirational young people, their families and the wider community."

Danny Birrell, design leader for GLASSOLUTIONS, said: "This school is a very interesting design and the challenge for us has come in achieving the overall aesthetic with the technical performance requirements of the building."

The school's new additions have also been recognised by authorities in the fields of building and architecture, with the building praised in particular

for its light, bright interior. In 2015 it was named the winner of a 2015 Camden Design Award, with the panel describing the development as "an accomplished and sleek re-imagination of an entire school... Natural light, transparency and openness flood the site with a sense of wellbeing, connecting occupants to the landscape and bringing a positive contribution to the cityscape."

In addition to the Camden Design Award, the project has been nominated for one of the prestigious Royal Institute of British Architects' (RIBA) London Regional Prizes, to be awarded later this year.



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