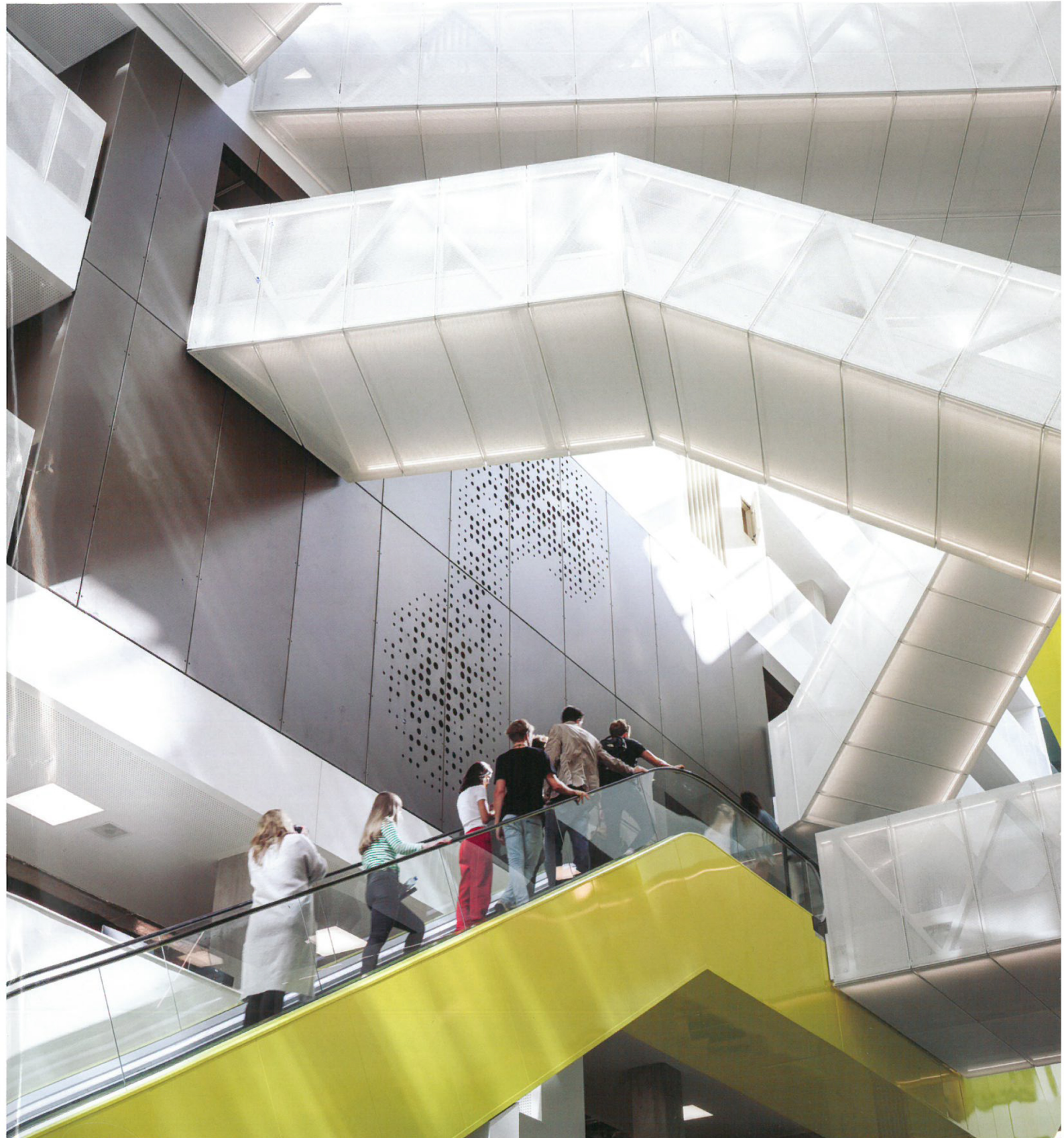


DESIGN FOR EDUCATION & STUDENT ACCOMMODATION

04.19

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BUILDING
PROJECTS



COMMUNITY COLLEGE, NEW YORK

A Long Island Learning Resource Centre

Architectural practices ikon.5 and Wiedersum Associates have completed work on The Learning Resource Centre, described as an innovative state-of-the-art library at Suffolk County Community College in Brentwood, New York.

The Learning Resource Centre sits at the centre of the Michael J. Grant Campus, at the confluence of major pedestrian pathways. A simple mass of nine cubes arranged in a three-by-three grid accommodates the library programme, on two floors. Portions of the cubes are “either removed or expanded to create an interplay between negative and positive space” that “allows the centre to act as a prism that casts sunlight deep into the building throughout the day,” said the architects. A central lantern creates an “iconic expression on the campus skyline,” visible from all corners of the campus.

The Learning Resource Centre presents opportunities for team-based, experiential and problem-based learning by providing a variety of learning environments: group study rooms, seminar rooms, flat-floor computer classrooms, open tutoring classrooms, and a 100-seat lecture hall.

The building’s combination of aluminium and glass curtain wall and white terracotta is



a departure from the red clay brick typically found on campus, and “expresses the primacy of this learning centre.” A ventilated rain screen facade, green roof, and photo optic lighting controls are examples of the

sustainable design approach taken.

Joseph G. Tattoni, design principal at ikon.5 architects said, “The Centre is symbolically and physically a place for productive collisions between students.”

TURNHAM PRIMARY

Primary school ‘grows up’ with rooftop extension

Edward Williams Architects has completed a rooftop extension to a mid-20th-century primary school in Lewisham, London, developing and detailing Stage 3 designs by Pollard Thomas Edwards Architects. Turnham Primary School needed additional facilities on a restricted site for expanding pupil numbers. The extension provides additional facilities in a light-filled space with views across the neighbourhood.

The zinc-clad second floor extension provides extra classrooms, including special education needs (SEN) rooms, and a large hall that can accommodate the whole school. With an expressed natural timber structure, lined with birch ply timber panels, the hall is a “warm,

unimpeded space” said the architects, flooded with daylight through large windows running along its length.

The extension also includes an “ecology terrace” with benches and raised planters outside a practical classroom complete with a wet area, where pupils can grow edible plants and learn about nature systems, plants, and food. All of the new rooms in the extension were naturally ventilated using a ‘Breathing Building’ system – a low energy solution that uses passive roof terminals in conjunction with opening windows to ventilate the spaces. Throughout the extension, high acoustic performance was achieved using



expressed acoustic panels.

The concept design was developed by careful detailing, and a series of proposals were implemented to “add safety and material quality to the composition,” said Edward Williams Architects. The school remained in operation during the construction programme.