

Zaha Hadid has been commissioned to design a boutique condominium in New York, construction work is under way on Herzog de Meuron's Grand Stade de Bordeaux and Sanjay Puri's 72 Screens office building deals with the stifling heat of Jaipur. **TEXT: STEVE HILL**



1. ALICANTE

ON TO A WINNER

The Teulada Town Hall in Alicante was one of nine buildings outside Britain to be recently recognised by an award from the Royal Institute of British Architects. Designed by Francisco Mangado, its façade has been inspired by the craggy rocks of the nearby Mediterranean shore. All windows and accesses have been oriented to maximise views of the sea as well as the nearby town of Moraira. The side façade accommodates a cafeteria, restaurant and exhibition area at a lower level, with angular projections protecting interiors from the harsh glare of the sun. Louvres over the glazed frontage also create shade.



2. BORDEAUX

PREPARING FOR KICK OFF

Construction work is under way on Herzog de Meuron's Dhs826 million Grand Stade de Bordeaux, which is due to be completed in 2015, in time to host the European Football Championships the following year. The 43,000-seat structure features a square canopy roof supported by hundreds of slender white poles, which echo trees in a forest. Inside, the main arena drops down into the ground and opens up to the sky under a concave roof, ensuring an open and airy feel and providing perfect visibility for all spectators. A photovoltaic plant is being built nearby to power the stadium and its surrounding area.



3. COPENHAGEN

COURTING FAVOUR

3XN's extension to a neoclassical court building on a 5,000-square metre site in the Copenhagen district of Frederiksberg has a green roof that cools the structure on hot days but also preserves heat during cold winters. Steven Scott's light installation in the foyer is self-sufficient thanks to the use of solar cells located on the roof, while extensive use of daylight together with natural ventilation and thermo active surfaces has resulted in significant energy savings. The building features eight court rooms, offices and ancillary rooms such as a library, meeting and waiting areas, staff canteen, detention facilities and parking.

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4. PACHUCA, MEXICO

CENTRE STAGE

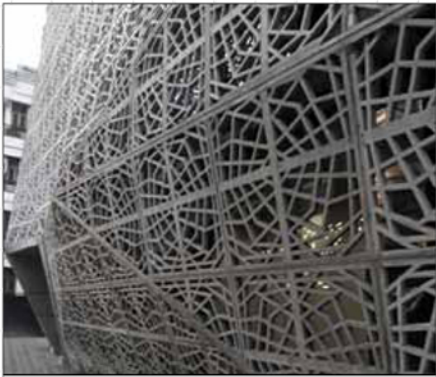
The Gota de Plata Auditorium Theater, designed by Jaime Varon, Abraham Metta and Alex Metta of Migdal Arquitectos, is one of the main elements of a 25-hectare cultural park in the city of Hidalgo. The park features a large colourful mural by local artist Byron Galvez that is reflected in the theatre's overhanging glass roof. The structure also has a first-floor balcony and an outside belvedere, backstage facilities, dressing rooms, an orchestra pit and parking areas. Construction was completed in only 11 months thanks to the extensive use of prefabricated concrete elements such as columns, beams and false walls.



5. NEW YORK

BOUTIQUE BUILD

Zaha Hadid has been commissioned by Related Companies to design a boutique condominium in New York. The 11-storey project will be the award-winning architect's first commission in the city. It will accommodate around 37 residences of up to 510 square metres, focusing on expansive layouts with 3.3-metre ceilings, technological integration and state-of-the-art finishes and features. Designed with multiple elevator cores, a majority of the residences will have a private vestibule and entrance. The double-height entrance lobby offers glimpses beyond to the residents' communal spaces and outdoor garden. The scheme also features large terraces, courtyard, indoor pool and spa, entertainment space and playrooms.



6. JAIPUR

COOL IDEA

Sanjay Puri has created a sculptural presence in the city of Jaipur with his 72 Screens, a six-level office building that has been designed to deal with the region's desert climate and stifling heat as well as the constraints of a small plot and height restrictions. The ground floor is home to a reception area and conference rooms above a car parking basement. A glass reinforced concrete screen that takes its inspiration from the old traditional 'jali' screens of the architectural heritage of the region sheaths the building on all sides, further reducing heat gain and rendering the building extremely energy efficient.



7. LAUSANNE

COLOURFUL MOVE

The colourful facades of Dominique Perrault's renovated central services building at the Ecole Polytechnique Fédérale de Lausanne bring together in striking fashion the Rolex Learning Centre, the m1 metro station and the future Congress Centre. Perrault's development plan for the campus also includes transforming the former mechanical engineering halls into a spectacular home for the Centre of Neuroprosthetics as well as administrative offices and the need for a 'teaching bridge', the design of which is still in development. This ambitious plan will cross the site from south to north with the hope of creating a new dynamic at the heart of the campus.



8. MONTREAL

SKY'S NO LIMIT

Montreal architectural company Lemay has designed an extension to the historic Mount Stephen Club which features a 12-storey boutique hotel with 87 rooms and sky lofts. It will also become home to three banquet rooms capable of accommodating up to 500 guests, as well as a modern kitchen, underground parking facility with 96 spaces, a spa and gym. Guests will enter through the front door of the original building with the new structure acting as a striking backdrop. The project is due to be completed by the summer of 2015, ahead of Formula One's Canadian Grand Prix in the city.