

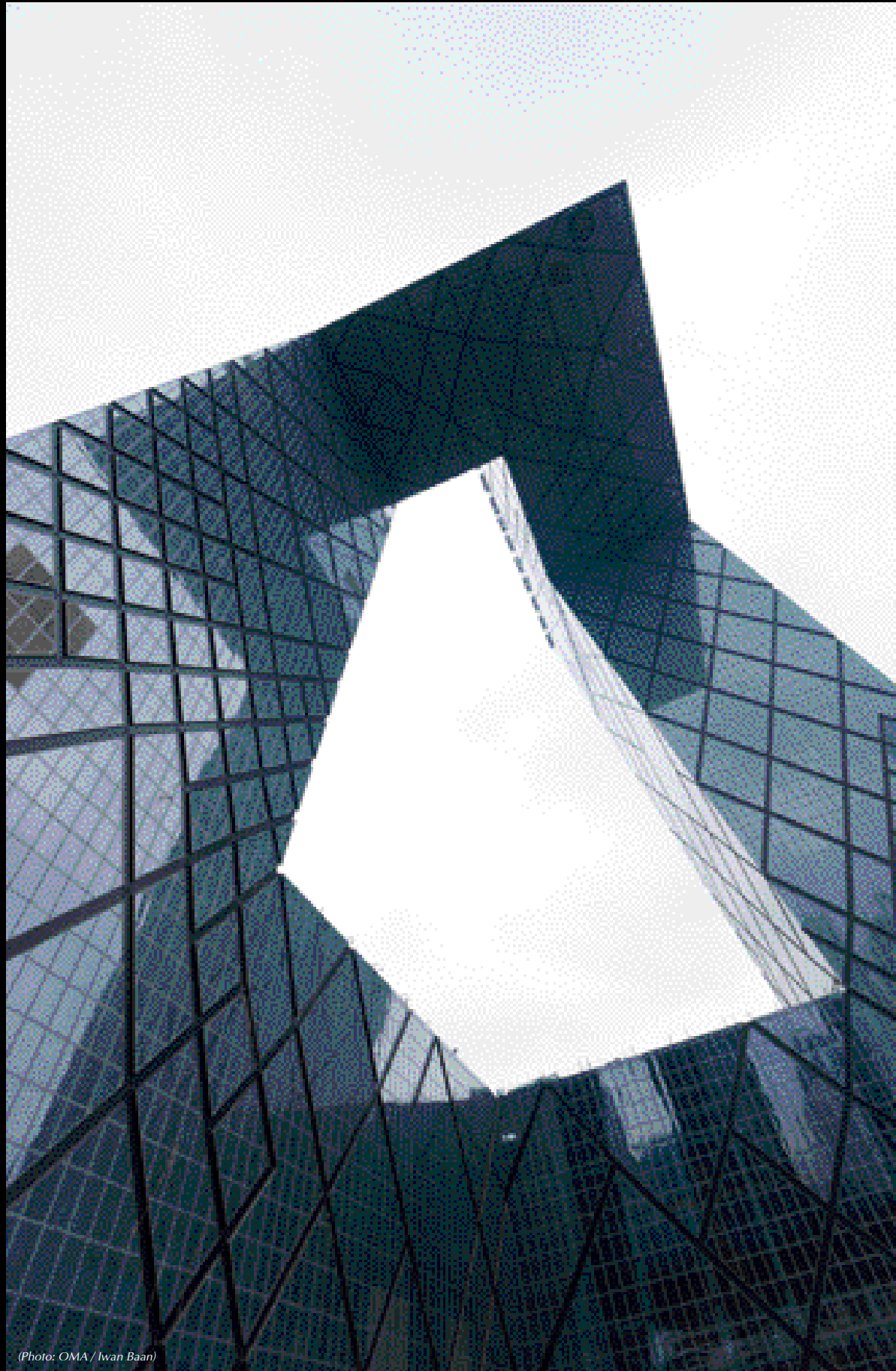
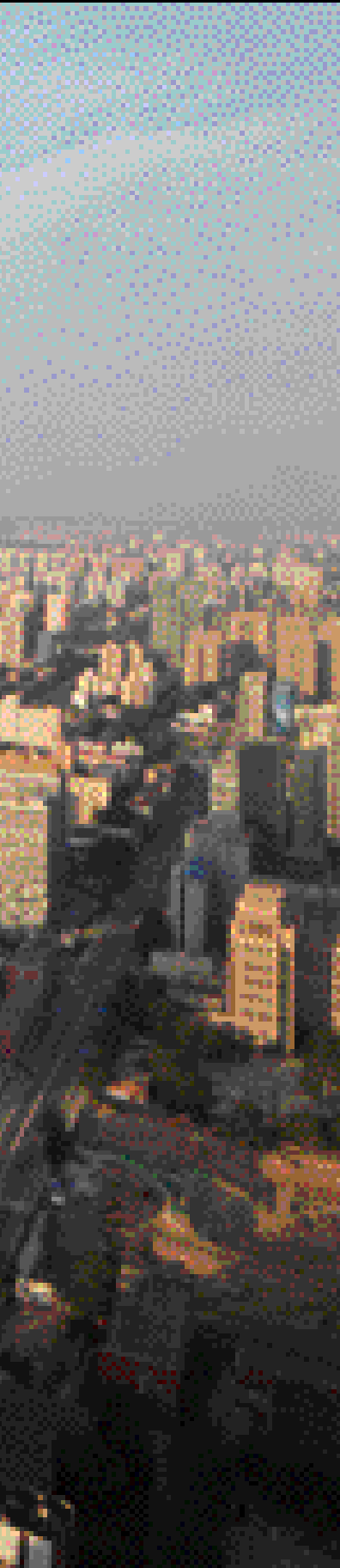
CCTV Headquarters, Beijing

Distinctive loop

Construction of the China Central Television (CCTV) Headquarters in Beijing was declared officially completed on May 16, 2012, which will start to be used later this year. Designed by OMA as a reinvention of the skyscraper as a loop, construction on the building began in 2004.



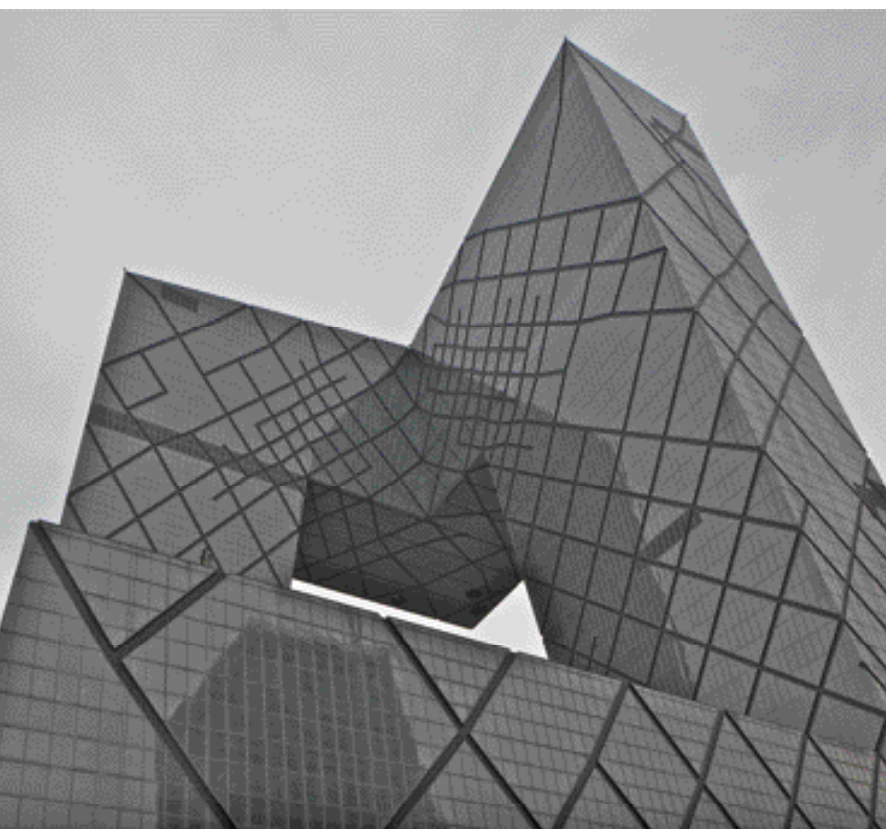
(Photo: OMA / Iwan Baan)



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(Photo: OMA / Philippe Ruault)



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At approximately 473,000 square meters, CCTV Headquarters accommodating TV studios, offices, broadcasting and production facilities. CCTV Headquarters' distinctive loop aims to offer an alternative to the exhausted typology of the skyscraper. In spite of their potential to incubate new cultures, programs, and ways of life, most skyscrapers accommodate merely routine activity, arranged according to predictable patterns. Formally, their expressions of verticality have proven to stunt the imagination: as verticality soars, creativity crashes.

Instead of competing in the hopeless race for ultimate height and style within a traditional two-dimensional tower 'soaring' skyward, CCTV Headquarters proposes a truly three-dimensional experience, culminating in a canopy that symbolically embraces the entire city. CCTV consolidates all its operations in a continuous flow, allowing each worker to be permanently aware of her colleagues - a chain of interdependence that



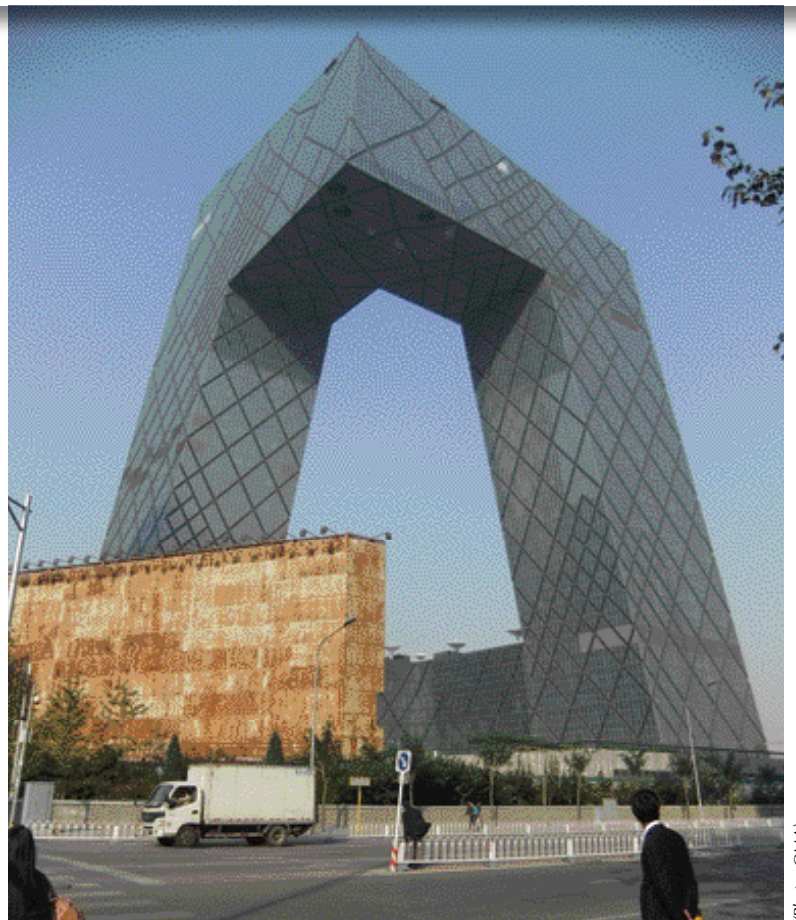
(Photo: OMA / Philippe Ruault)

promotes solidarity rather than isolation, collaboration instead of opposition.

The loop also facilitates an unprecedented degree of public access to the production of China's media. Visitors will be admitted to a dedicated path circulating through the building, connecting all elements of the program and offering spectacular views from the multiple facades towards the CBD, the Forbidden City and the rest of Beijing.

CCTV Headquarters defies the skyscraper's typical quest for ultimate height. Rising from a common platform, two towers lean towards each other and eventually merge in a perpendicular, 75-metre cantilever. The design combines the entire process of TV-making, formerly scattered in various locations across the city, into a loop of interconnected activities.

The structure of the CCTV Headquarters, and the forces at work within it, is visible on its facade. A web of diagonals that becomes dense in areas of greater stress, looser and more open in areas requiring less support. The facade itself becomes



(Photo: OMA)



(Photo: OMA / Iwan Baan)

“ I am very happy, after years of intense collaboration, that the CCTV Headquarters building will soon begin to perform its role in the way it is intended,” commented Rem Koolhaas of OMA.

a visual manifestation of the building's structure. The project was led by OMA/ Rem Koolhaas, former OMA partner Ole Scheeren (until 2010), OMA partner David Gianotten and project manager Dongmei Yao in close collaboration with partners Shohei Shigematsu, Ellen van Loon and Victor van der Chijs. The design team consisted of project architects Anu Leinonen, Charles Berman and Adrienne Fisher together with a team of over 100 architects from OMA.

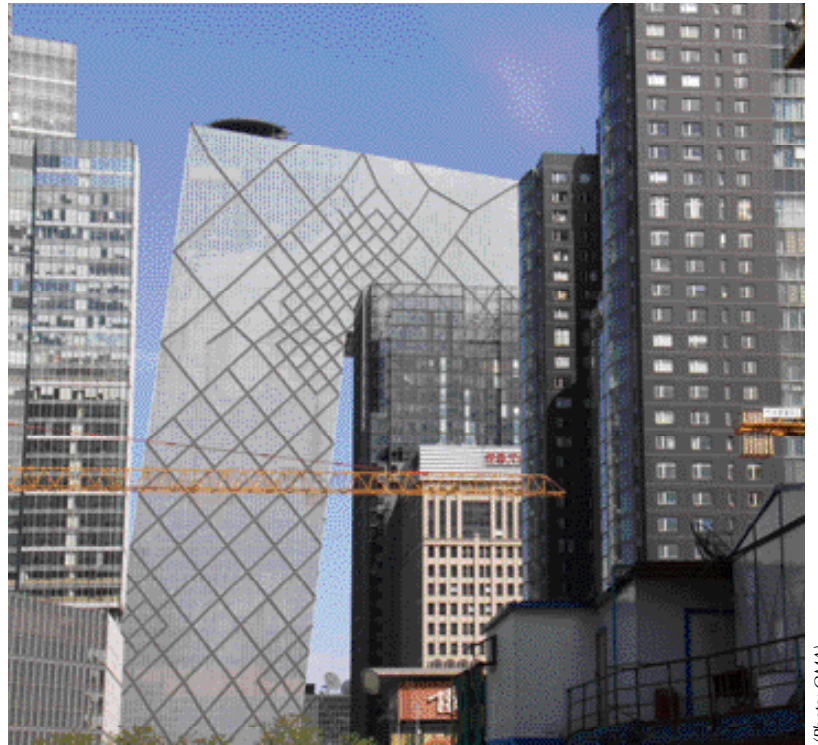
The structural and MEP design was provided by Cecil Balmond and Arup, while ECADI (East China Architectural Design & Research Institute) functioned as the Local Design Institute.



(Photo: OMA / Iwan Baan)



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(Photo: OMA)

About OMA

OMA is an international office practicing architecture, urbanism and cultural analysis. Dedicated

for over 30 years to the design and realization of buildings and master plans and sustains an international practice with offices in Rotterdam, New York, Beijing and Hong Kong, with around 340 employees.

AMO, the counterpart to OMA's architectural practice, is a research studio and advisory service working in areas beyond the traditional boundaries of architecture, including media, politics, sociology, renewable energy, technology, fashion, art, curating, publishing and design.

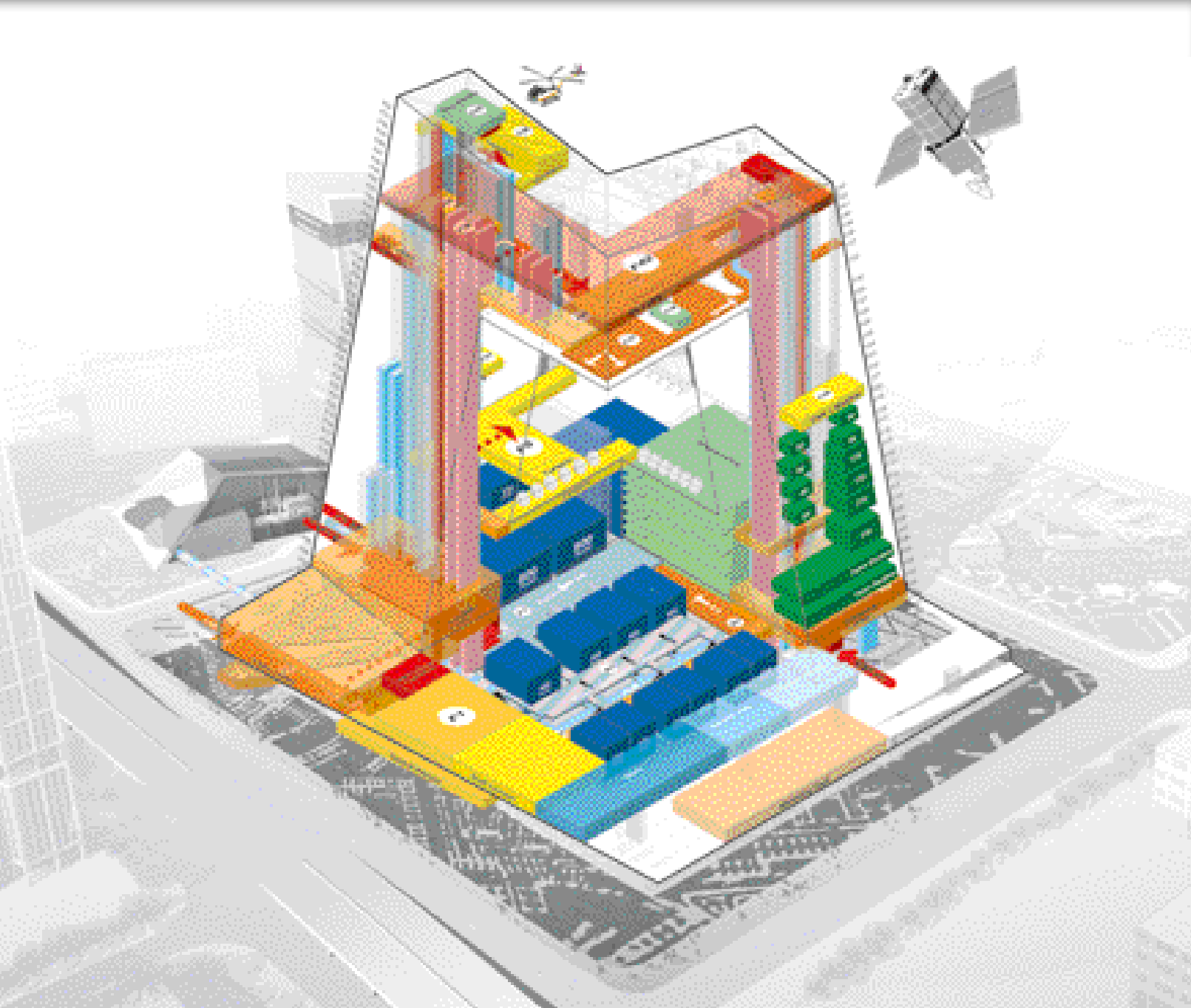
OMA Asia was established in 2006 in Beijing. The Beijing office now oversees the construction of the Television Cultural Centre adjacent to the CCTV Headquarters. OMA's Hong Kong office, established in 2009, oversees construction on the Taipei Performing Arts Center, Chu Hai College in Hong Kong and the Shenzhen Stock Exchange.



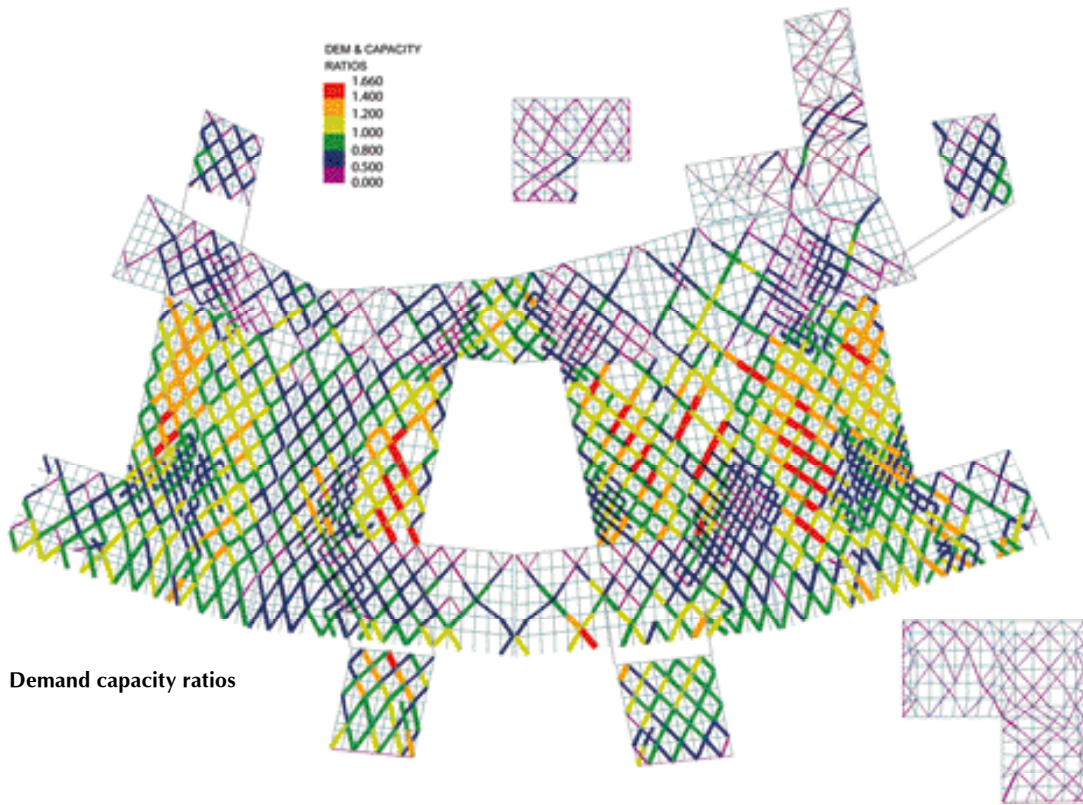
(Photo: OMA / Philippe Ruault)



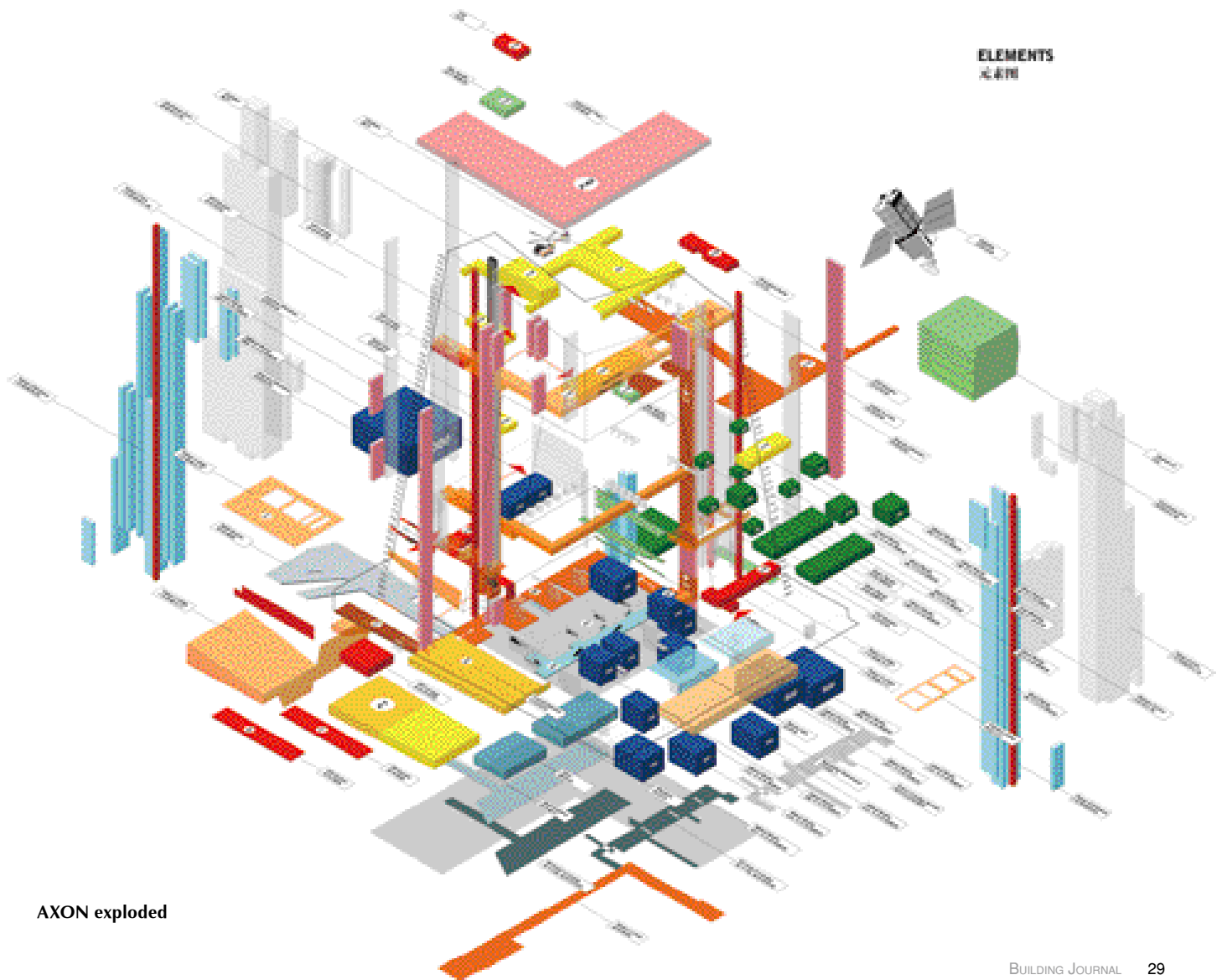
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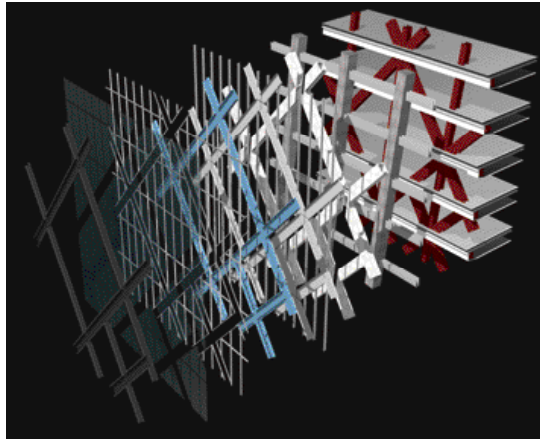
(Drawings: OMA)



Demand capacity ratios

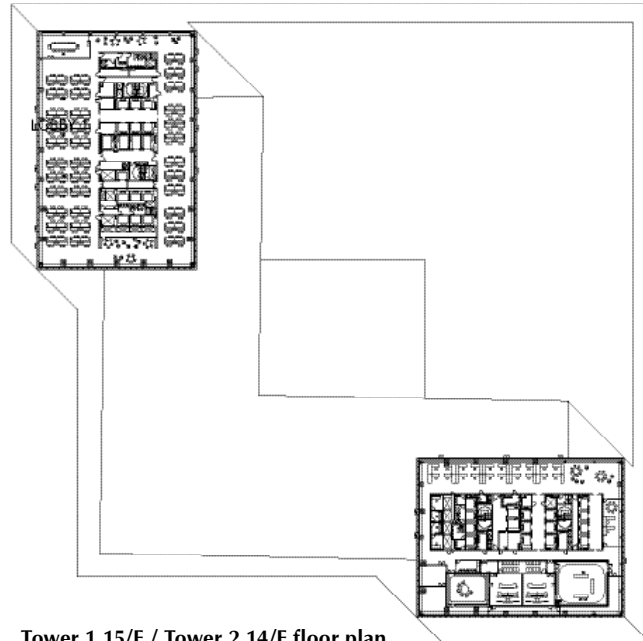


AXON exploded



Facade

TOWER 1 F15



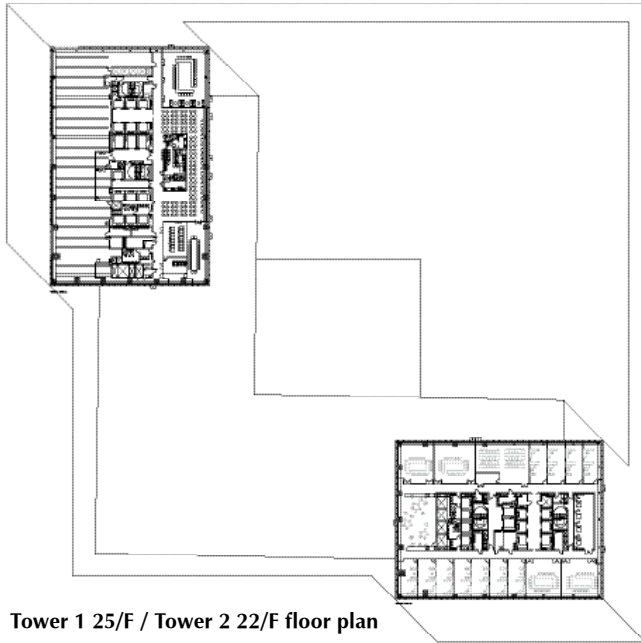
TOWER 2 F14

Tower 1 15/F / Tower 2 14/F floor plan



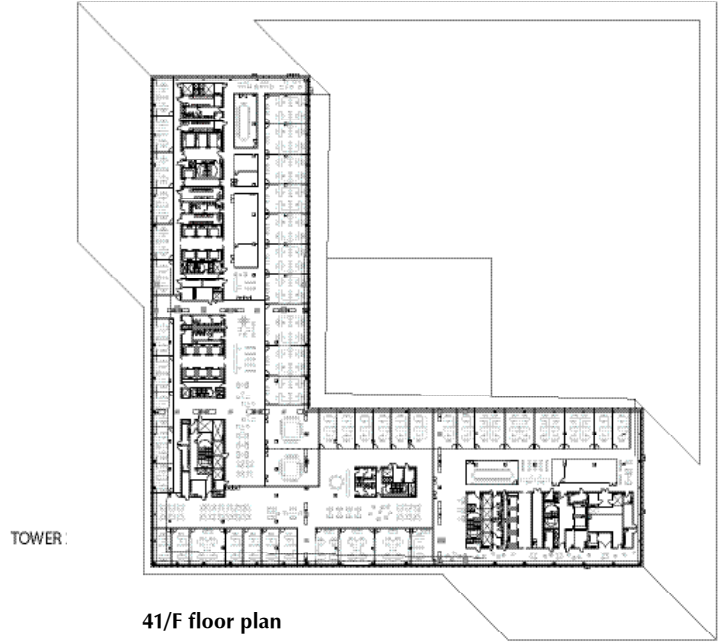
(Drawings: OMA)

TOWER 1 F25



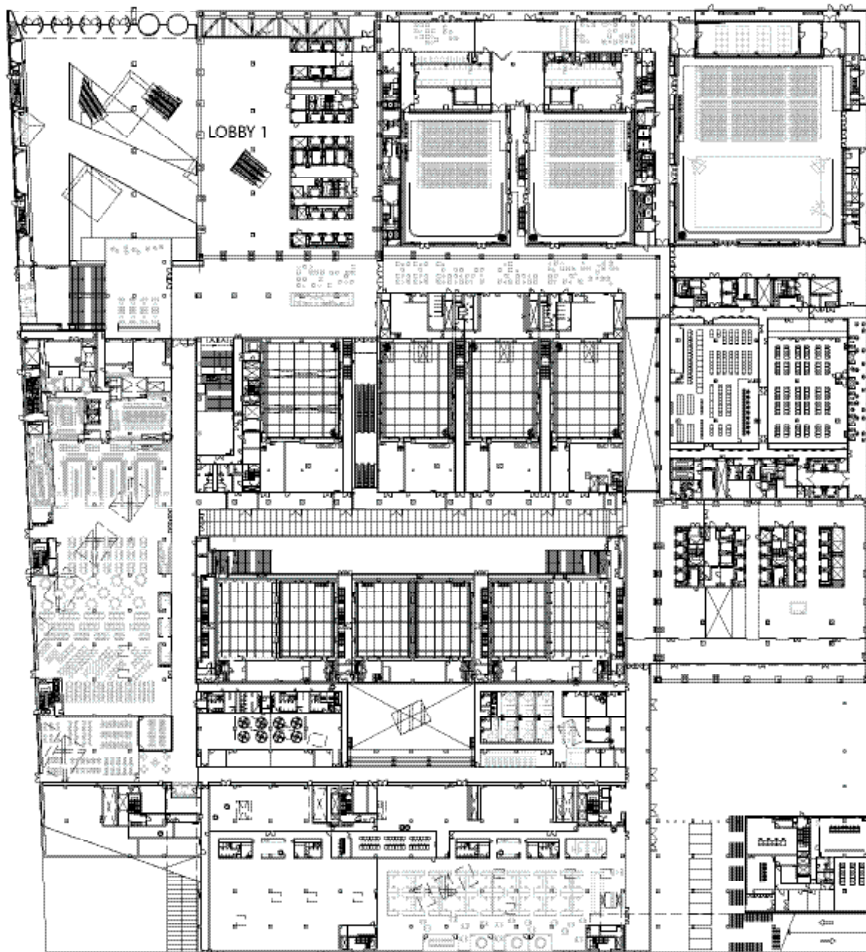
Tower 1 25/F / Tower 2 22/F floor plan

TOWER 1



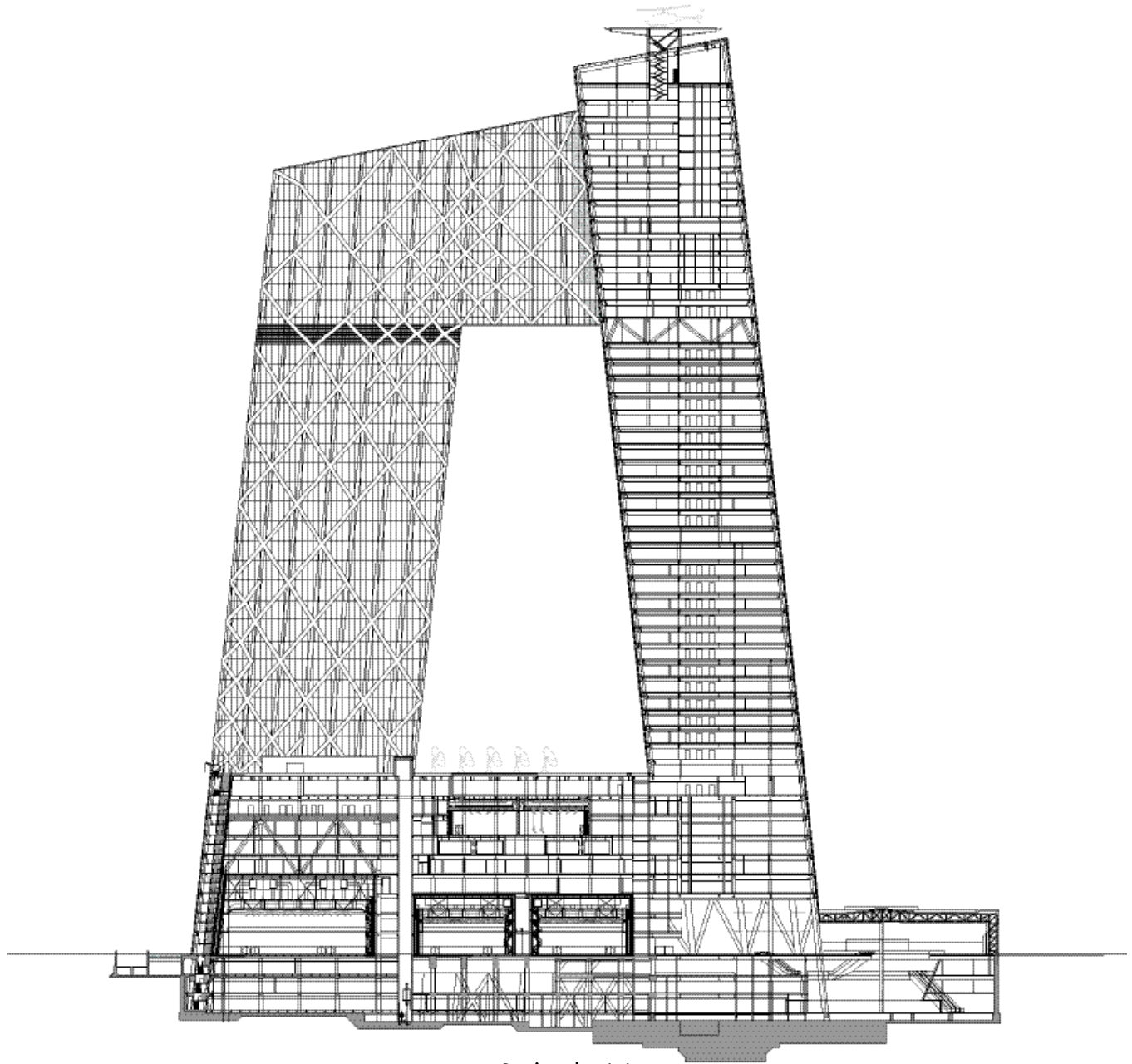
41/F floor plan

TOWER 1



G/F floor plan

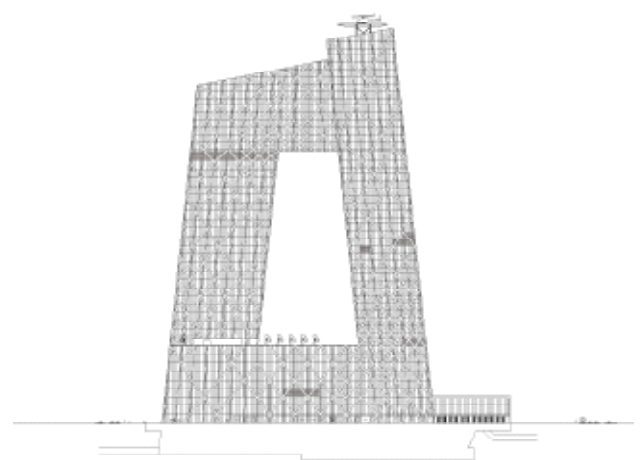
TOWER 2



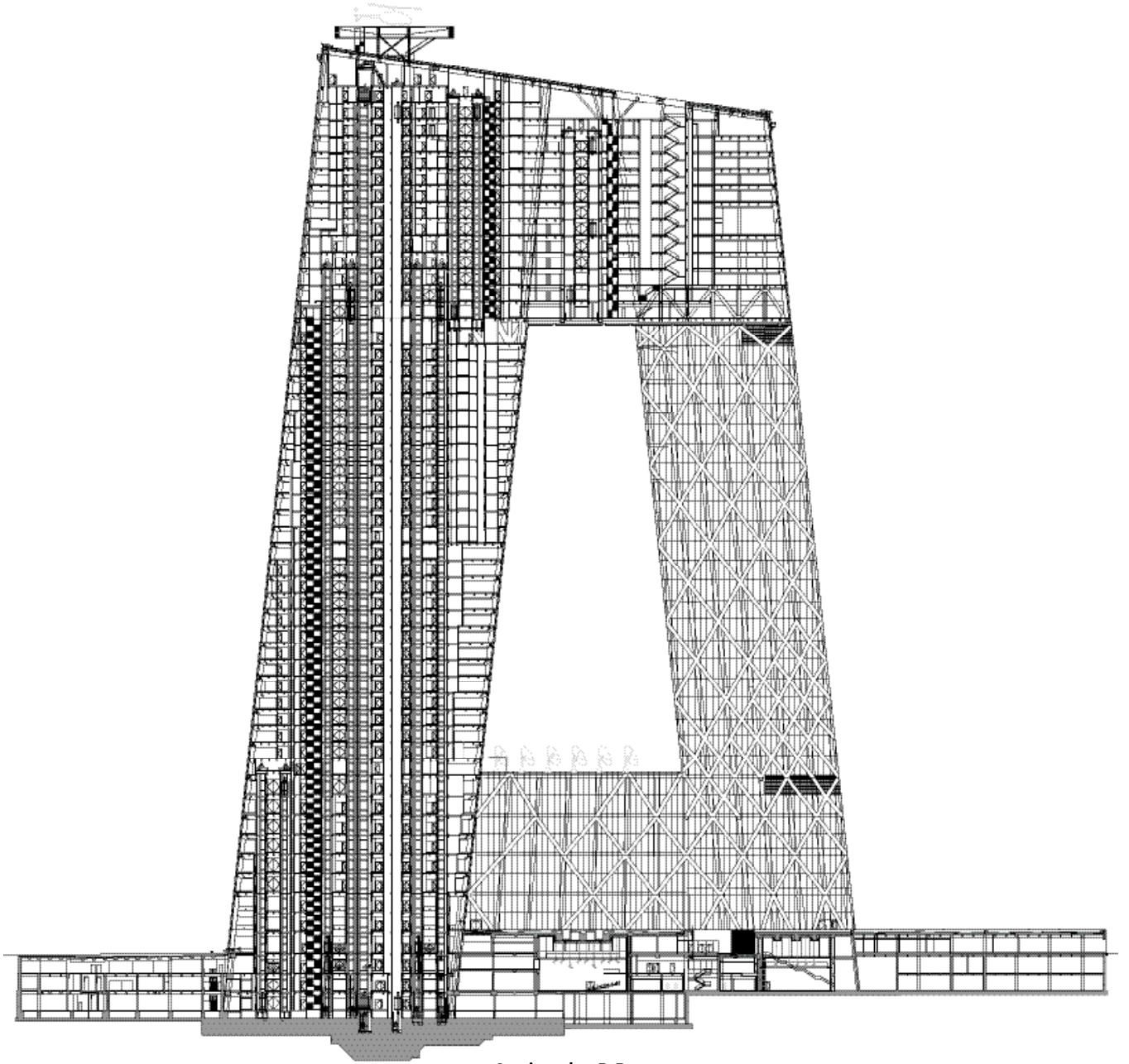
Section plan A-A



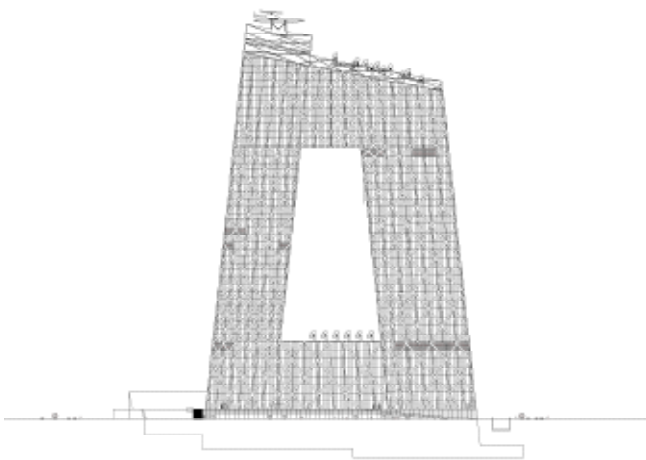
Elevation East



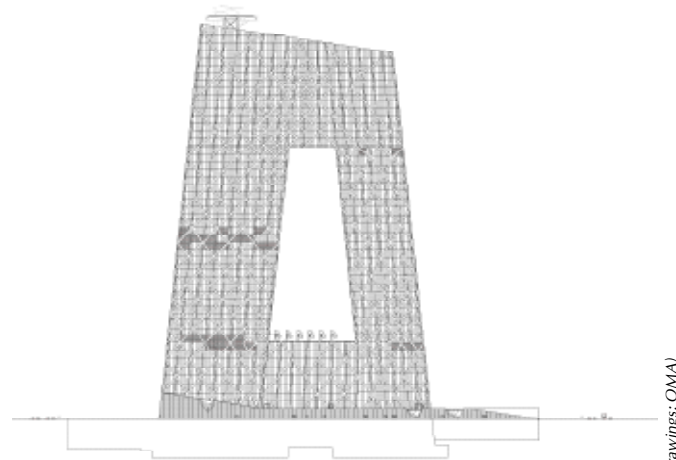
Elevation North



Section plan B-B



South Elevation



West Elevation

(Drawings: OMA)