



TWO INTERNATIONAL FINANCE CENTRE

- **Official Name** Two International Finance Centre
- **Location** Hong Kong, CHINA
- **Use** Office
- **Structural height / Number of stories** 420m / 88 stories
- **Status** completed (January 2000-June 2002)
- **Architect** Cesar Pelli & Associates and Rocco Design Ltd.
- **Structural engineer** Ove Arup & Partners
- **Structural system** Outriggered Frame System
- **Contractor** E. Man-Sanfield JV Construction Co. Ltd.
- **Client** MTR Corporation

TWO INTERNATIONAL FINANCE CENTRE

ARCHITECTURAL

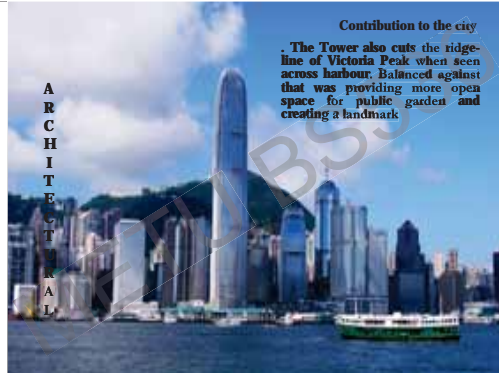


Design architect
Cesar Pelli & Associates
and project architect
Rocco Design Limited's
created an **obelisk-like structure**

Tapers with well-proportioned setbacks, expressing a vertical ascending movement



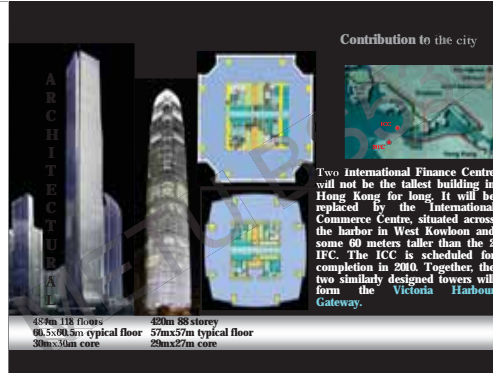
The design presents virtually column-free floor plates for its tenants to admire the unobstructed views the prime site offers.



Contribution to the city

The Tower also cuts the ridge-line of Victoria Peak when seen across harbour. Balanced against that was providing more open space for public garden and creating a landmark

ARCHITECTURAL

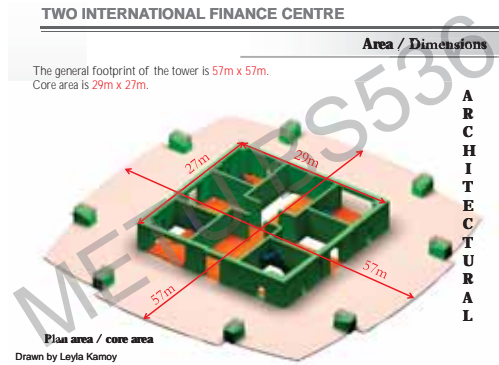


Contribution to the city

Two International Finance Centre will not be the tallest building in Hong Kong for long. It will be replaced by the International Commerce Centre, situated across the harbor in West Kowloon and some 60 meters taller than the 2 IFC. The ICC is scheduled for completion in 2010. Together, the two similarly designed towers will form the Victoria Harbour Gateway.

454m 118 Floors
96.5x96.5m typical floor
28m x 27m core

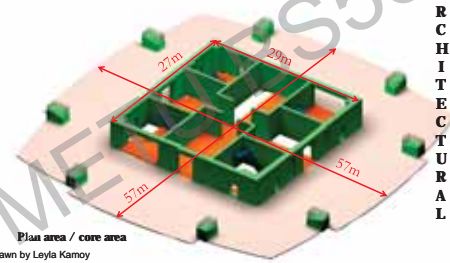
420m 88 storey
57m x 57m typical floor
28m x 27m core



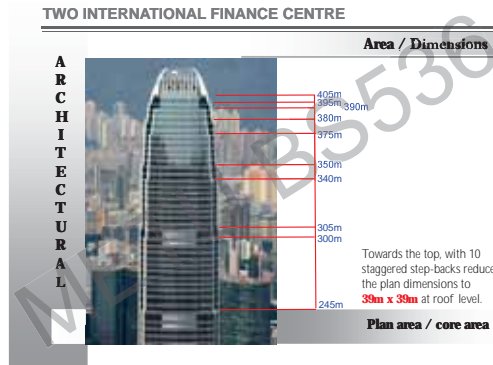
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Area / Dimensions

The general footprint of the tower is 57m x 57m.
Core area is 29m x 27m.



Plan area / core area
Drawn by Leyla Kamoy



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Area / Dimensions



Towards the top, with 10 staggered step-backs reduce the plan dimensions to 39m x 39m at roof level.

Plan area / core area



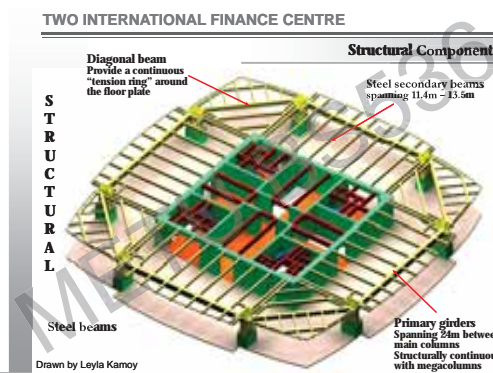
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Structural Components

Mega columns, concrete beams and slabs

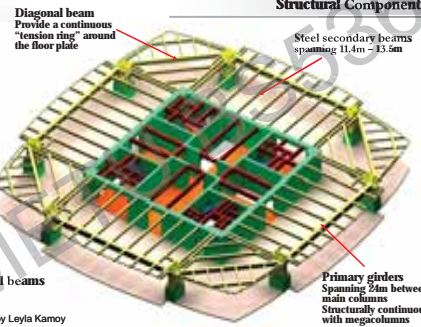


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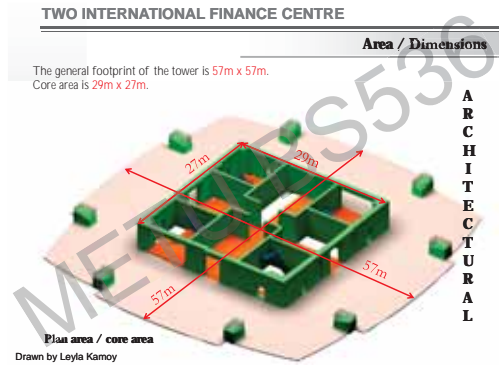


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Structural Components



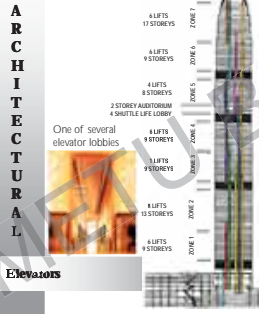
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Architectural features

As many as 15,000 people are expected to be accommodated in the building at a time on its 88 storeys, and they will be transported to and from offices in 62 high-speed lifts serving 7 zones of the building (30sec average waiting).



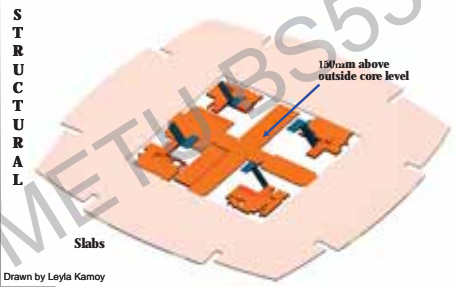
Elevators



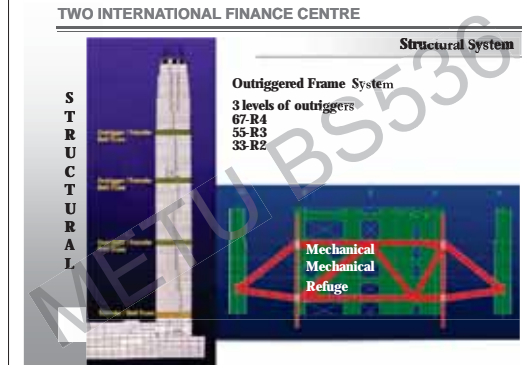
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Structural Components

All slabs to be 200mm thick



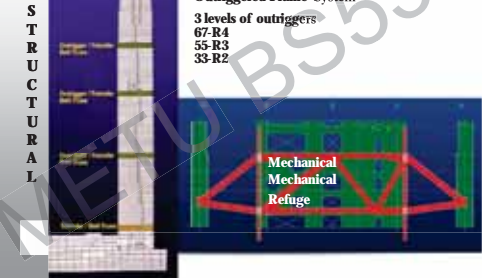
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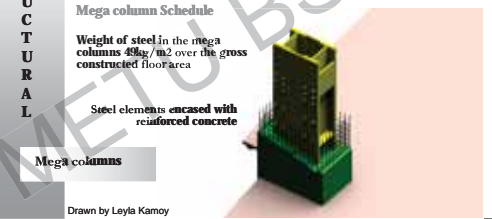
Structural System

Outriggered Frame System
3 levels of outriggers
67-R4
55-R3
33-R2



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LEVEL	Overall dimensions	Grid size (meters)	Average weight of steel (kg/m ²)	Percentage of reinforcement bar	Design effective floor area	Office gross area
B6 to A6	2.3m x 3.5	6	9.7	4.0%	303	630
A6 to 22F	2.3m x 3.5m	3	2.7	3.5%	240	600
22F to 52F	1.85m x 3m	2	1.1	3.0%	152	600
52F to 68F	1.4m x 2.4m	2	0.9	3.0%	114	450
70F to 77F	1.2m x 0.9m	1	0.6	3.0%	12.8	450
78F to Roof	1.0m x 0.7m	1	0.3	2.0%	8.9	450



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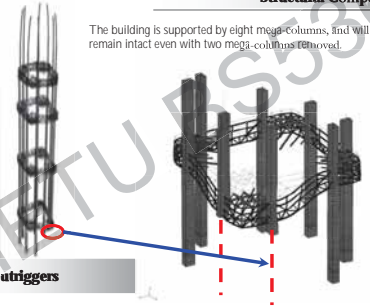
Structural Components

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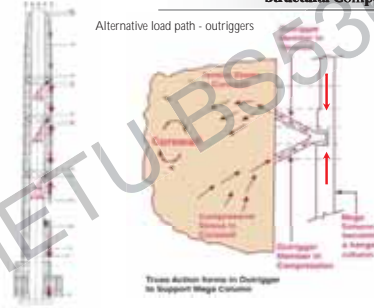
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Structural Components



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Structural Components



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