Changsha: International Finance Square.

THE CHINA REVOLUTION: TALL BUILDINGS 2008-2020

BRIAN ROBERTS
Hotel & Casino, 48 floors, 846 ft. MEP engineer Parsons Brinckerhoff, 36 elevators.
TALL BUILDINGS IN CHINA

For over forty years, the Heritage Group has visited, photographed and recorded details of buildings in the UK, many from the Victorian or Edwardian era and up to the 1970s. These include a number of the first air-conditioned office buildings which were limited to 400 ft high. Group members have also looked at skyscrapers in Europe, United States and Asia, some of which are featured in Heritage Group booklets and on our website. During the 1970s, the writer visited the then world's tallest buildings in New York and Chicago and worked in Hong Kong (then a Crown Colony). But the last twenty years has seen a revolution in the number of tall buildings constructed in China, which now has the largest number of tall buildings in the world with (at 2017) more than 1400 above 492 ft and 48 above 984 ft. Hong Kong alone has 480 above 492 ft. It is hoped the information in this booklet will be of interest to present and future Heritage Group members.

CONTENTS

Buildings by location and then in order of construction

Beijing: 24,36,41, Changsha: 11, Changzhou: 30, Chengdu: 16,37, Chongqing: 23,26,29, Dalian: 20,32, Guangzhou: 10,11,12,17,33, Hong Kong: 8,15, Macau: 2, Nanjing: 13,22, Nanning: 39,40, Quindao: 14,25, Shanghai: 6,7,27,42,43, Shenzhen: 9,28, Tianjin: 35,38, Wuhan: 34, Xiamen: 18,19,21

Recent reports are that the Chinese Government is planning to ban the building of new skyscrapers taller than 1640 ft (500 m) which may explain why some planned buildings have been reduced in height. A Government directive also proposes that buildings "embody the spirit" of their surroundings and "highlight Chinese characteristics." It also calls for an end to "oversize, xenocentric, weird" buildings (examples of which are shown in the referenced literature).

The list of Tallest Buildings in China and elsewhere in the World is constantly changing.

BMR, Budleigh Salterton 2021.
TALLEST BUILDINGS IN CHINA

1. SHANGHAI TOWER, Shanghai, 128 floors, 2073 ft, 2015.
3. GUANGZHOU CTF FINANCE CENTRE, Guangzhou, 111 floors, 1740 ft, 2016.
4. TIANJIN CTF FINANCE CENTRE, Tianjin, 97 floors, 1740 ft, 2019.
7. INTERNATIONAL COMMERCE CENTRE, Hong Kong, 108 floors, 1588 ft, 2010.
9. CHANGSHA IFS TOWER T1, Changsha, 95 floors, 1483 ft, 2018.
10. SUZHUO IFS, Suzhou, 92 Floors, 1480 ft, 2019.

TALLEST BUILDINGS IN THE WORLD

1. BURJ KHALIFA, Dubai, 193 floors, 2717 ft, 2010.
2. SHANGHAI TOWER, Shanghai, 128 floors, 2073 ft, 2015.
5. LOTTE WORLD TOWER, Seoul, 123 floors, 1819 ft, 2016.
6. ONE WORLD TRADE CENTRE, New York City, 94 floors, 1776 ft, 2016.
7. GUANGZHOU CTF FINANCE CENTRE, Guangzhou, 111 floors 1740 ft, 2016.
8. TIANJIN CTF FINANCE CENTRE, Tianjin, 96 floors, 1739 ft, 2019.

TALLEST BUILDINGS IN EUROPE

1. LAKHTA CENTRE, Saint Petersburg, Russia, 1517 ft, 87 floors, 2019.
2. FEDERATION: EAST TOWER, Moscow, Russia, 1226 ft, 95 floors, 2016.
3. OKO: SOUTH TOWER, Moscow, Russia, 1162 ft, 85 floors, 2015.
4. NEVA TOWER 2, Moscow Russia, 1132 ft, 79 floors, 2019.
5. MERCURY CITY TOWER, Moscow, Russia, 1112 ft, 75 floors, 2013.
6. VARSO TOWER, Warsaw, Poland, 1017 ft, 53 floors, 2021.
CITIES IN CHINA BY POPULATION
HONG KONG (7.6 million) MACAU (0.7 million) are Special Administrative Areas

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SHANGHAI
WORLD FINANCIAL CENTRE 2008

Office & Hotel, 101 floors, 1614 ft.
SHANGHAI WORLD FINANCIAL CENTRE 2008

A Mixed-Use Building with Observatory and Fire Refuge floors.
HONG KONG
THE MASTERPIECE 2009

A 21-storey Hotel, 40 levels of Apartments, 64 floors, 853 ft.
Hotel, 62 floors, 633 ft. MEP engineer Parsons Brinckerhoff.
Guangzhou International Finance Centre 2010

Offices & Hotel, 103 floors, 1445 ft. MEP engineer Arup.
Triangular-shaped building.
GUANGZHOU
CANTON TOWER 2010

Telecommunications tower, 37 occupied floors, 1970 ft. MEP engineer Arup.
(Tallest freestanding structure in world at time when built).
Nanjing Zifeng Tower: Greenland Centre 2010

Offices & Hotel, 66 floors, 1476 ft, MEP engineer SOM, 54 elevators.
Offices, 42 floors, 732 ft, 21 elevators.
HONG KONG
HYSAN PLACE 2012

Office & Retail, 36 floors, 669 ft. MEP engineer Parsons Brinckerhoff.
CHENGDU
MINYOUN FINANCIAL PLAZA 2012

Offices & Hotel, 47 floors, 676 ft, 21 elevators.
GUANGHOU TAIKOO HUI 2011

Office Tower, 40 floors, 695 ft. M&E engineer Meinhardt.
XIAMEN
FINANCIAL CENTRE 2013

Offices, 49 floors, 698 ft, 18 elevators.
Offices, 49 floors, 720 ft, 16 elevators.
DALIAN
GRAND HYATT 2014

Hotel, 44 floors, 641 ft. MEP engineer Meinhardt, 21 elevators.
Building plan is triangular to maximise sunlight and views.
Residential tower, 47 floors, 689 ft. MEP engineer J. Roger Preston, 12 elevators.
Hotel (Fairmont), 56 floors, 761 ft. MEP engineer WSP. 20 elevators.
Hotel tower, 54 floors, 804 ft, 60 elevators in 3 buildings.
BEIJING
FORTUNE FINANCIAL CENTRE 2014

Offices, 60 floors, 876 ft. MEP engineer PBA. 40 elevators.
Offices & Hotel-serviced Apartments, 64 floors, 794 ft. MEP engineer Parsons Brinckerhoff.
Offices, Hotel & Apartments, 66 floors, 972 ft. MEP engineer Arup, 29 elevators.
SHANGHAI TOWER 2015

Offices, 128 floors, 2073 ft, transparent spiral form.
(Tallest building in China and second tallest in world when built).
Offices, 115 floors, 1966 ft, 16 elevators.
(Second tallest in China, fourth tallest in world when built).
Offices & hotel (Westin), 53 floors, 837 ft.
<30>

CHANGZHOU
RUNHUA GLOBAL CENTRE 2016

Offices & Hotel, 63 floors, 984 ft, 33 elevators.
CHANGSHA INTERNATIONAL FINANCE SQUARE 2017

Offices & Hotel, 95 floors, 1483 ft. MEP engineer Arup.
Offices & Hotel, 80 floors, 1257 ft. MEP engineer Parsons Brinckerhoff, 29 elevators.
Offices, Hotel & Apartments, 111 floors, 1739 ft, MEP engineer Parsons Brinkerhoff. Elevators 86 (Third tallest in China, seventh tallest in world when built).
Apartments & Hotel. Original design 125 floors, 2087 ft. Completion target 2022, 97 floors, 1560 ft.
Offices & Hotel, 117 floors, 1732 ft (Fourth tallest in China when built).
BEIJING
CHINA ZUN 2018

Offices, 108 floors, 1730 ft (Fifth tallest in China when built).
Offices, Hotel & Apartments, designed 101 floors, 1535 ft. Construction delayed but reported to have restarted.
Offices, Hotel (Grand Hyatt), Condominiums, 91 floors, 1535 ft, 55 elevators. MEP engineers J. Roger Preston. Completion now scheduled 2023.
Offices & Hotel, 89 floors, 1321 ft. MEP engineer Parsons Brinckerhoff.
Design: Offices & Hotel, 90 floors, 1342 ft, 57 elevators.
Now listed as 70 floors, 1082 ft with completion in 2023
Offices, 109 floors, 1732 ft. MEP Parsons Brinckerhoff. (also on page 36).
(Fifth tallest building in China at completion).
SHANGHAI KK100 TOWER 2011
INTERIOR OF RETAIL PODIUM
China has the third largest area of land in the World and largest population at 1.44 billion people.

REFERENCES AND FURTHER READING

2015  Tall Buildings of China, Georges Binder (Ed), The Images Publishing Group Pty Ltd, Victoria, Australia.
2018  Arup's Tall Buildings in Asia (Stories Behind the Storeys), Goman Wai-Ming Ho et al (Eds), (Ove Arup & Partners Ltd Hong Kong Limited), Routledge, London.

Other information from the Heritage Group Archives and websites.